

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 0351: US ROUTE 6 (159TH STREET)
AND FAP ROUTE 0350: IL ROUTE 50 (CICERO AVENUE)
AT MIDLOTHIAN CREEK
SECTION (537 & 3277-Z)B-1
CULVERT REPLACEMENT AND CHANNELIZATION
PROJECT NUMBER: NHPP-STP-9525(468)
COOK COUNTY

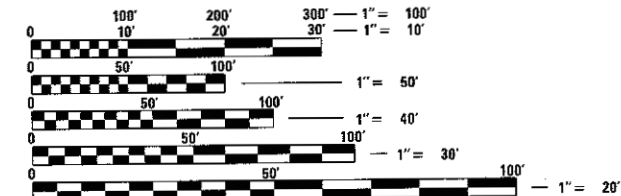
C-91-582-10

FOR INDEX OF SHEETS, SEE SHEET 2

IMPROVEMENT IS LOCATED IN
THE CITY OF OAK FOREST

DESIGN DESIGNATION: STRATEGIC REGIONAL
ARTERIAL (IL ROUTE 50)
2012 ADT = 29,800
2040 ADT = 39,000
DESIGN SPEED = 40 MPH
POSTED SPEED = 35 MPH

DESIGN DESIGNATION: STRATEGIC REGIONAL
ARTERIAL (US ROUTE 6)
2012 ADT = 32,700
2040 ADT = 34,000
DESIGN SPEED = 45 MPH
POSTED SPEED = 40 MPH

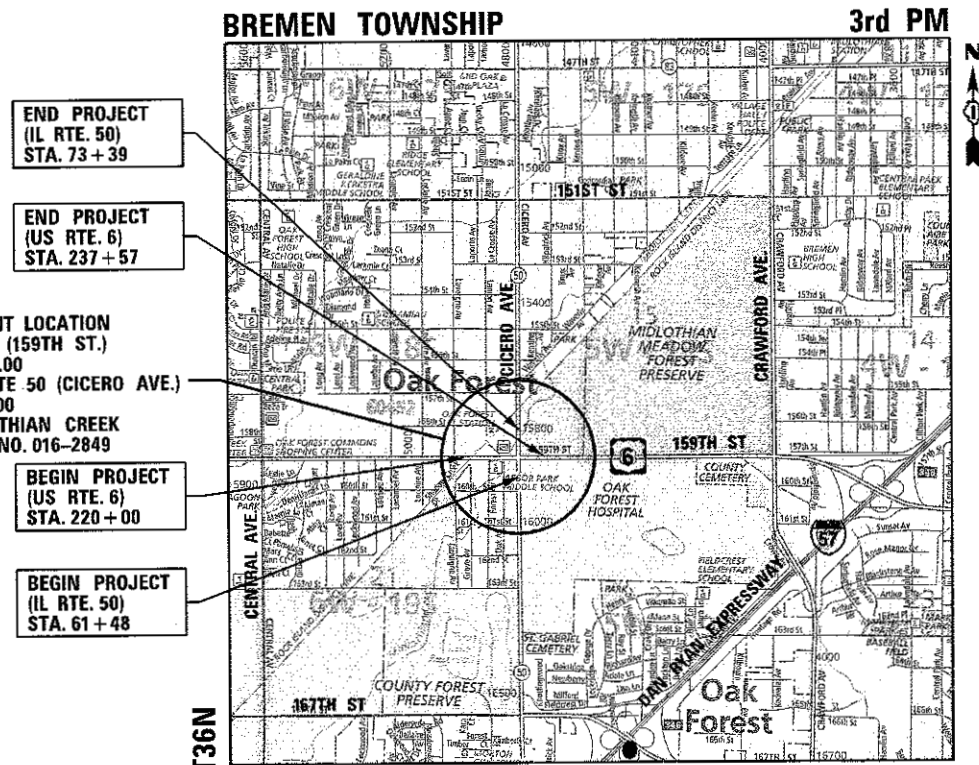


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: MR. J. ALAIN MIDY, P.E. (847) 221-3056
PROJECT MANAGER: MR. ISSAM RAYYAN, P.E. (847) 705-4178

CONTRACT NO. 60K73



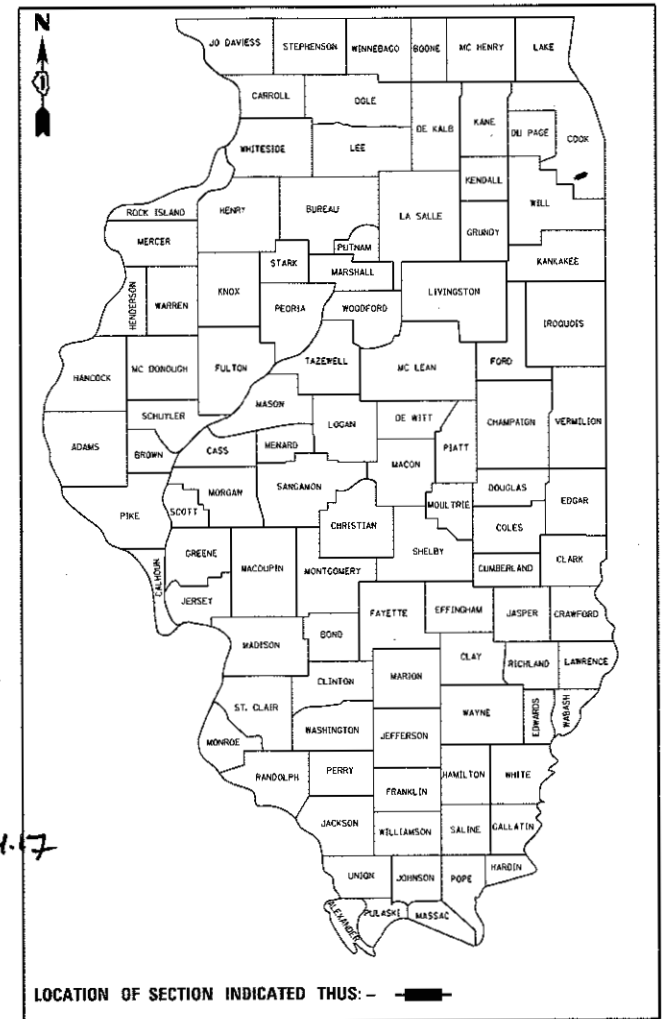
LOCATION MAP NOT TO SCALE R13E
GROSS AND NET LENGTH (US RTE. 6) = 1761.38 FT = 0.33 MILES
GROSS AND NET LENGTH (IL RTE. 50) = 1193.85 FT = 0.23 MILES

Accurate
GROUP, INC.
WWW.ACCGI.COM
101 SCHELTER RD., SUITE B-200
LINCOLNSHIRE, ILLINOIS 60069
T (847) 613-1100 F (847) 613-110
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184.0020 3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	184	1
ILLINOIS CONTRACT NO. 60K73				

184 + 1 = 185 TOTAL SHEETS

D-91-582-10



3/14/17
WATERMAIN PLANS
LICENSE EXPIRES 11-30-2017



DATE SIGNED: 3/14/17
EXP. DATE: 11/30/17
LIGHTING PLANS



DATE SIGNED: 3/17/17
EXP. DATE: 11/30/17



DATE SIGNED: 03/17/17
EXP. DATE: 11/30/18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 20 20 17

Regional Engineer

Aug 18 20 17
Maurice M. Adams, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Aug 18 20 17
Director of Program Development

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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STATE HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	CURB RAMPS FOR SIDEWALKS, DIAGONAL
424021-03	DEPRESSED CORNER FOR SIDEWALKS
515001-03	NAME PLATE FOR BRIDGES
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602416-05	MANHOLE TYPE A 8' DIAMETER
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE I
604036-03	GRATE TYPE 8
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
725001-01	OBJECT AND TERMINAL MARKERS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-06	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877006-05	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

COMMITMENTS

DETOUR: FROM THE DAY OF CLOSURE, US RTE. 6 (159TH ST.) MUST REOPEN TO ALL TRAFFIC WITHIN 60 CALENDAR DAYS.

FILE NAME: D:\Engineering\Level\Projects\13803\DOT\DIR\13803 - MO 3 Contract No. 60K73\CD\CD Sheets\Civil\60K73-Sht-Index_Hwy std.dgn



USER NAME = jahn	DESIGNED - AB	REVISED -
PLOT SCALE = 2.0000' / 1" =	DRAWN - AB	REVISED -
PLOT DATE = 7/21/2017	CHECKED - JNT	REVISED -
	DATE - 7/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS & STATE HIGHWAY STANDARDS
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	1537 & 3217-218-1	COOK	184	2
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

REV

GENERAL NOTES:

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0213 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. 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.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF OAK FOREST, OTHER LOCAL GOVERNMENT AGENCIES, AND IDOT.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR "GUARDRAIL REMOVAL".
6. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
7. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
8. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION AND ORDERING MATERIALS. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.
10. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
11. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
12. THE RESIDENT ENGINEER SHALL CONTACT MS. PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER, AT (708) 597-9800 (E-MAIL: PATRICE.HARRIS@ILLINOIS.GOV) A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
13. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ADJUTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
14. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
15. THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED AND BURIED STRUCTURES BY STATION AND THE OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.
16. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS, UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
17. 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.
18. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
19. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
20. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
21. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
22. THE EXISTING US 6 (159TH ST.) AND IL 50 (CICERO AVE.) STRUCTURES MUST BE INSPECTED FOR THE PRESENCE OF BATS NO MORE THAN SEVEN DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF AT THAT TIME, IT IS APPARENT THAT BATS ARE UTILIZING THE STRUCTURES, THE CONSTRUCTION ACTIVITY MUST CEASE UNTIL IDOT RECEIVES CLEARANCE FROM THE FISH AND WILDLIFE SERVICE TO START WORK.
23. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
24. 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 SECTION 601 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAIN ITEM.
25. THE CONTRACTOR SHALL REMOVE AND SALVAGE THE DECORATIVE FENCE PANELS FOR PICK-UP BY THE CITY OF OAK FOREST. CONTACT MS. DARLENE MILANOWICZ AT 708-535-4090 TO ARRANGE PICK UP OF THE SALVAGED DECORATIVE FENCE. UPON REMOVAL OF THE DECORATIVE FENCE, THE CONTRACTOR SHALL IMMEDIATELY ERECT A TEMPORARY SAFETY FENCE, BUT IN NO CASE MORE THAN 24 HOURS FOLLOWING REMOVAL. ALL COSTS ASSOCIATED WITH THE TEMPORARY SAFETY FENCE SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
26. ADJUSTMENT OF WATER VALVE BUFFALO BOXES SHALL BE COMPLETED BY THE CITY OF OAK FOREST. CONTACT MS. DARLENE MILANOWICZ AT 708-535-4090 TO SCHEDULE THESE ADJUSTMENTS.
27. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING AND MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
28. MEADE ELECTRIC COMPANY, THE IDOT DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR, LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES. CALL 773-287-7672.
29. REESTABLISHMENT OF PROPERTY CORNERS MUST USE THE PLAT OF HIGHWAYS FOR REFERENCE.
30. THE MWRD SHALL HAVE 24-HOUR A DAY UNRESTRICTED ACCESS TO THEIR FACILITIES ALONG THE WEST SIDE OF IL RTE. 50 AND ALONG THE EAST SIDE OF OAK AVENUE. THE PROPOSED BOX CULVERT RUNS PARALLEL TO THE MWRD SANITARY SEWER LINE.
31. DE-ENERGIZING COM ED'S DISTRIBUTION LINES (12 KV) MAY BE NECESSARY IN ORDER TO ACCOMMODATE THE CONTRACTOR'S EQUIPMENT. COSTS MAY BE INVOLVED. CALL 1-800-EDISON1.

FILE NAME: D:\Engineering\Live\Projects\12803 IDOT BUR\12803 - NO 3 Contract No. 60K73\404\1\000 Sheets\Civil\06073-Sht-Den Notes.dgn



USER NAME = John	DESIGNED - AB	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN - AB	REVISED -
PLOT DATE = 8/3/2017	CHECKED - JMT	REVISED -
	DATE - 8/3/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3217-2)B-1	COOK	184	3
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

REV

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			80% FEDERAL 20% STATE			80% FEDERAL 20% CITY OF OAK FOREST		
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	130	6			124					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30				30					
20101000	TEMPORARY FENCE	FOOT	758	418			340					
20200100	EARTH EXCAVATION	CU YD	859	859								
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	24									24
20700220	PORDUS GRANULAR EMBANKMENT	CU YD	2603		2255.8			347.2				
20800150	TRENCH BACKFILL	CU YD	121	121								
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	152	152								
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2921	1741			1180					
21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	4289	3109			1180					
25000210	SEEDING, CLASS 2A	ACRE	1	0.72			0.28					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	71	51			20					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	71	51			20					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	71	51			20					
25100115	MULCH, METHOD 2	ACRE	1	0.72			0.28					

* SPECIALTY ITEM

FILE NAME = Q:\Engineering\Level\Projects\13803 IDOT DURN\13803 - NO. 3 Contract No. 60K73\CAD\CADD Sheets\Civil\06072-41-50.dwg
 4

	USER NAME = johnn	DESIGNED - PP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / 1" =	DRAWN - JN	REVISED -		351	(537 & 3277-Z)B-1	COOK	184	4				
	PLOT DATE = 6/30/2017	CHECKED - JMT	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 60K73				
		DATE - 6/30/2017	REVISED -						ILLINOIS FED. AID PROJECT				

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				URBAN			80% FEDERAL		20% STATE		80% FEDERAL		20% CITY OF OAK FOREST
				ROADWAY 0004 URBAN	BOX CUI VERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CUI VERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN		
25100630	EROSION CONTROL BLANKET	SQ YD	4289	3109				1180					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	178	135				43					
28000305	TEMPORARY DITCH CHECKS	FOOT	30	30									
28000400	PERIMETER EROSION BARRIER	FOOT	1277	869				408					
28000510	INLET FILTERS	EACH	111	111									
28100109	STONE RIPRAP, CLASS A5	SQ YD	124		59				65				
28200200	FILTER FABRIC	SQ YD	124		59				65				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3621	3444				177					
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1482	1252				230					
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1534	1534									
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	671	571				100					
35102300	AGGREGATE BASE COURSE, TYPE B 11"	SQ YD	277	277									
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	2352	2192				160					
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	481	472				9					

* SPECIALTY ITEM

FILE NAME = D:\Engineering\AutoProjects\13003\DOT_CURV\13003e - MD 3 Contract No. 60K73\CAD\CADD Sheets\Civil\0160K73-sh-500.dgn



USER NAME = John	DESIGNED - PP	REVISED -
PLDT SCALE = 2,0000' / in.	DRAWN - JN	REVISED -
PLDT DATE = 6/30/2017	CHECKED - JMT	REVISED -
	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	537 & 3277-ZIB-1	COOK	184	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K73	

REV

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				URBAN			80% FEDERAL 20% STATE		80% FEDERAL		25% CITY OF OAK FOREST			
				ROADWAY 0004	BOX CULVERT 0004	TRAFFIC SIGNALS 0021	ROADWAY 0004	BOX CULVERT 0004	HIGHWAY LIGHTING 0021	TRAFFIC SIGNALS 0021	UTILITY 0043			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8437	8318			119							
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	509	501			8							
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	203	203										
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	168	168										
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	1357	1337			20							
42001300	PROTECTIVE COAT	SQ YD	2835	2835										
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	47	47										
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	12210	12210										
42400800	DETECTABLE WARNINGS	SQ FT	237	237										
44000100	PAVEMENT REMOVAL	SQ YD	2452	2452										
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	9298	9298										
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	38	38										
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3267	3267										
44000600	SIDEWALK REMOVAL	SQ FT	9092	9092										

* SPECIALTY ITEM

FILE NAME: I:\Engineer\ng\Live\Projects\13003\DOT\04\130625 - WD 3 Contract No. 60K73\CAD\CADD Sheets\Civil\06K73-INT-500.dgn



USER NAME = john	DESIGNED - PP	REVISED -
PLLOT SCALE = 2,000' / 1"	DRAWN - JN	REVISED -
PLDT DATE = 6/30/2017	CHECKED - JMT	REVISED -
	DATE - 6/26/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 351	SECTION 1537 & 3277-Z1B-1	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 6
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				URBAN			80% FEDERAL		20% STATE		80% FEDERAL		UTILITY
				ROADWAY	BOX CULVERT	TRAFFIC SIGNALS	ROADWAY	BOX CULVERT	HIGHWAY LIGHTING	TRAFFIC SIGNALS	20% CITY OF OAK FOREST		
0004	0004	0021	0004	0004	0021	0021	0043						
				URBAN	016-2849	URBAN	URBAN	016-2849	URBAN	URBAN	URBAN		
44003100	MEDIAN REMOVAL	SO FT	1254	1254									
44201773	CLASS D PATCHES, TYPE I, 11 INCH	SO YD	4	4									
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SO YD	7	7									
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SO YD	52	52									
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1								
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1								
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	957		957								
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	281940		240535			41405					
50800515	BAR SPLICERS	EACH	672		672								
51500100	NAME PLATES	EACH	1		1								
52200010	TEMPORARY SHEET PILING	SO FT	4522		3258			1264					
52200015	PERMANENT SHEET PILING	SO FT	426		426								
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	242					242					
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	1184					1184					

14
* SPECIALTY ITEM

FILE NAME = D:\Engineering\I\refProjects\1803 DOT DUK13003a - W3 Convent No. 60K73\CAD\CAD Sheets\Civil\1803K73-wt-50.dwg



USER NAME = john	DESIGNED - PP	REVISED -
DRAWN - JN	CHECKED - JMT	REVISED -
PLLOT SCALE = 2.0000' / 1"	DATE - 6/30/2017	REVISED -
PLLOT DATE = 6/30/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-210-1)	COOK	184	7
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			80% FEDERAL 20% STATE					
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN	
52200250	UNTREATED TIMBER LAGGING	SQ FT	298					298				
54003000	CONCRETE BOX CULVERTS	CU YD	1816.2		1617.3			248.9				
550A0040	STORM SEWERS, CLASS A, TYPE 1 10"	FOOT	98	98								
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	84	84								
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	8	8								
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	36	36								
550A0330	STORM SEWERS, CLASS A, TYPE 2 10"	FOOT	10	10								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	67	67								
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	132	132								
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	10	10								
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	20	20								
55100300	STORM SEWER REMOVAL 8"	FOOT	8	8								
55100400	STORM SEWER REMOVAL 10"	FOOT	119	119								
55100500	STORM SEWER REMOVAL 12"	FOOT	93	93								

14
* SPECIALTY ITEM

FILE NAME = D:\Engineering\Level\Projects\13800\DOT\DIR\13800a - W0 3\Contract No. 60K73\CD\13800 Sheets\Civil\060K73-INT-500.dwg



USER NAME = jphinn	DESIGNED - PP	REVISED -
PLLOT SCALE = 2,000' / 1" =	DRAWN - JN	REVISED -
PLLOT DATE = 8/30/2017	CHECKED - JMT	REVISED -
	DATE - 8/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	537 & 3277-Z18-1	COOK	184	8
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			80% FEDERAL 20% STATE					
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN	
55101200	STORM SEWER REMOVAL 24"	FOOT	152	152								
55102000	STORM SEWER REMOVAL 54"	FOOT	36	36								
55102100	STORM SEWER REMOVAL 60"	FOOT	20	20								
55102300	STORM SEWER REMOVAL 72"	FOOT	133				133					
56101150	DUCTILE IRON WATER MAIN REDUCER, 8" X 6"	EACH	2									2
56109408	DUCTILE IRON WATER MAIN FITTINGS 8" 22.50 DEGREE BEND	EACH	1									1
56109420	DUCTILE IRON WATER MAIN FITTINGS 8" 45.00 DEGREE BEND	EACH	6									6
56400600	FIRE HYDRANTS	EACH	1									1
58700300	CONCRETE SEALER	SQ FT	263		263							
60100945	PIPE DRAINS 12"	FOOT	10	10								
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	1629	1629								
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1								
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	1	1								
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	5	5								

* SPECIALTY ITEM

FILE NAME = G:\Engineering\Live\Projects\13803\DOT DUR\13803 - W0 3 Contract No. 66K73\CAD\CADD Sheets\Civil\018K73-11-501.dgn



USER NAME = jahn	DESIGNED - PP	REVISED -
DRAWN - JN	REVISIONS -	
CHECKED - JMT	REVISIONS -	
DATE - 6/30/2017	REVISIONS -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE. 351	SECTION 537 & 3277-Z18-1	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 9
CONTRACT NO. 60K73				ILLINOIS FED. AID PROJECT

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				URBAN			80% FEDERAL			20% STATE				
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN	
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	6	6										
60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	4	4										
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	7	7										
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1										
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1										
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2	2										
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1										
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	5	5										
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1										
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	5	5										
60500050	REMOVING CATCH BASINS	EACH	21	21										
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1897	1897										
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	138	138										
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1698	1698										

* SPECIALTY ITEM

FILE NAME = G:\Engineering\Live\Projects\13003\1001 DUR\13003 - MO 3 Contract No. 60K73\CAUD\CAUD Sheets\Civil\60K73-11-500.dgn



USER NAME = jahn	DESIGNED - PP	REVISED -
DRAWN - JN	CHECKED - JHT	REVISED -
PLOT SCALE = 2,000' = 1" IN	DATE - 6/30/2017	REVISED -
PLOT DATE = 6/30/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-218-1	COOK	184	10
CONTRACT NO. 60K73			ILLINOIS FED. AID PROJECT	

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			80% FEDERAL		20% STATE		80% FEDERAL	
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN	
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	600	600								
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2500	2500								
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	72	72								
60626300	STABILIZED MEDIAN SURFACE	SQ YD	213	213								
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1								
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2								
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1								
63200310	GUARDRAIL REMOVAL	FOOT	178	178								
66400305	CHAIN LINK FENCE, 6'	FOOT	68				68					
66407600	CHAIN LINK GATES, 6' X 12' DOUBLE	EACH	1				1					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3500	3500								
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1								
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3								
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	14	14								

* SPECIALTY ITEM

FILE NAME = G:\Engineering\Level\Projects\13803 DOT DRAIN\3803 - WJ 3 Contract No. 66673\CAD\3803\Sheet\3803.dgn



USER NAME = john	DESIGNED - PP	REVISED -
DRAWN - JN	CHECKED - JMT	REVISED -
PLOT SCALE = 2.0000' / 1" =	DATE - 6/30/2017	REVISED -
PLOT DATE = 6/30/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-218-1)	COOK	184	11
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				URBAN			80% FEDERAL		20% STATE		80% FEDERAL 20% CITY OF OAK FOREST		
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN		
67100100	MOBILIZATION	LSUM	1	1									
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1									
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	1									
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1									
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1									
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	265	265									
70300100	SHORT TERM PAVEMENT MARKING	FOOT	19087	19087									
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1280	1280									
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SO FT	1502	1502									
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	39570	39570									
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	6720	6720									
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	1100	1100									
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	470	470									
70400100	TEMPORARY CONCRETE BARRIER	FOOT	412.5	412.5									

* SPECIALTY ITEM

FILE NAME = D:\Engineering\Live\Projects\13803 DOT DURN\13803 - MO 3 Contract No. 60K73\CA00\CA00 Sheets\Civil\160K73-11-50.dgn



USER NAME = johnn	DESIGNED - PP	REVISED -
DRAWN - JN	CHECKED - JMT	REVISED -
PLLOT SCALE = 2.0000' / 1"	DATE = 6/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-2)B-1	COOK	184	12
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

REV

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				URBAN			80% FEDERAL		20% STATE		80% FEDERAL		20% STATE
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	300	300									
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2									
70600341	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2									
* 72000100	SIGN PANEL - TYPE 1	SQ FT	158	128			30						
* 72000200	SIGN PANEL - TYPE 2	SQ FT	47.5				47.5						
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5									
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	71.7	46.2			25.5						
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2									
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	55.6	55.6									
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1									
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	271	256			15						
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	582	545			37						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12085	12085									
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2728	2625			103						

* SPECIALTY ITEM

FILE NAME = D:\Engineering\LevelProgress\19803\DOT DUK13002a - W0 3 Contract No. 60K73\CD00\CD00 Sheets\Civil\180673-int-502.dgn



USER NAME = john	DESIGNED - PP	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN - JN	REVISED -
PLOT DATE = 6/30/2017	CHECKED - JMT	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)**

F.A.P. RTE. 351	SECTION (537 & 3277-Z18-1)	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 13
CONTRACT NO. 60K73			ILLINOIS FED. AID PROJECT	

REV

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			80% FEDERAL 20% STATE		20% CITY OF OAK FOREST		UTILITY	
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1464	1464								
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	221	207				14				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	146	142				4				
	78100200 TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	35	35								
* 78100300	REPLACEMENT REFLECTOR	EACH	252	252								
* 78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	8	8								
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	93	93								
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1556			1556						
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1227			159			1068			
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	510			510						
* 81400100	HANDHOLE	EACH	9			9						
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4			4						

14 * SPECIALTY ITEM

FILE NAME = D:\Engineering\Live\Projects\13083 ID01 DUR\13083 - W0 3 Contract No. 60K73\ACAD\CAD Sheets\13083\13083-000.dgn



USER NAME = john	DESIGNED - #DESIGN#	REVISED -
DRAWN - #DRAW#	CHECKED - #CHECK#	REVISED -
PLOT SCALE = 2,000' / 1" =	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

\$TITLE1\$	\$TITLE2\$
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#RTE#	#SECTION#	#COUNTY#	#SHEETS#	#SNL#
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60K73				

REV

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			80% FEDERAL 20% STATE					
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN	
* 81400300	DOUBLE HANDHOLE	EACH	2			2						
* 81403051	UNIT DUCT. 600V, 3-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1 1/4"	FOOT	1441							1441		
* 81702417	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6, 1/C NO. 6 GROUND	FOOT	567							567		
* 81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	200							200		
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	152							152		
84200804	REMOVAL OF POLE FOUNDATION	EACH	16							16		
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	16							16		
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2						
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	1			1						
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4172			4172						
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1472			1472						
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2194			1504				690		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2349			2349						

* SPECIALTY ITEM

FILE NAME = D:\Engineering\Live\Projects\10863\DOT\DWG\10863-10 3\Contract No. 60K73\CADD\CADD Sheets\C-1\10863-10 3-500.dgn

	USER NAME = john	DESIGNED - PP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)				F.A.P. RTE. = 351	SECTION (537 & 3277-ZIB-1)	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 15	
	PLOT SCALE = 2,000' / 1" =	CHECKED - JMT	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60K73			
	PLOT DATE = 6/30/2017	DATE - 6/30/2017	REVISED -		ILLINOIS FED. AID PROJECT									

REV

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			80% FEDERAL 20% STATE					
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN	
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	38.5			38.5						
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	51			51						
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8			8						
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2						
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2			2						
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	8			8						
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8			8						
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	16			16						
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	13			13						
* 88600100	DETECTOR LOOP, TYPE I	FOOT	665			665						
* 88700200	LIGHT DETECTOR	EACH	2							2		
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1							1		
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	8			8						
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1						

* SPECIALTY ITEM

FILE NAME = D:\Engineering\Live\Projects\2003\1001 DUR\13003a - WD 3 Contract No. 60K73\CAD\CADD\CADD Sheets\Civil\160673-att-500.dgn

14



USER NAME = john	DESIGNED - PP	REVISED -
DRAWN - JN	CHECKED - JMT	REVISED -
PLLOT SCALE = 2.0000' / 1" =	DATE - 6/30/2017	REVISED -
PLLOT DATE = 6/30/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-2)B-1	CODK	184	17
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

REV

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			80% FEDERAL 20% STATE					
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN	
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4156			4156						
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1						
89502380	REMOVE EXISTING HANDHOLE	EACH	18			18						
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1			1						
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	15			9				6		
X0321837	REMOVE SHEET PILING	LSUM	1		1							
X0322128	MEMBRANE WATERPROOFING FOR BURIED STRUCTURES	SQ YD	2135		1850			285				
X0322141	REMOVE TEMPORARY WOOD POLE	EACH	4						4			
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1	1								
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C FOOT	FOOT	694							694		
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	500			500						
X0325734	SLOTTED DRAIN REMOVAL	FOOT	40	40								
X0326806	WASHOUT BASIN	LSUM	1	1								

• SPECIALTY ITEM

FILE NAME: C:\Engineering\Live\Projects\19003\DOT\19003a - W0 3\Contract No. 60K73\CADD\CADD Sheets\Civil\10160K73 - INV-500.dgn



USER NAME = jphnn	DESIGNED - PP	REVISED -
PLOT SCALE = 2,000' / 1" =	DRAWN - JN	REVISED -
PLOT DATE = 5/30/2017	CHECKED - JMT	REVISED -
	DATE - 5/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	1537 & 3277-218-1	COOK	184	18
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

REV

NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				URBAN			80% FEDERAL		20% STATE		80% FEDERAL		20% CITY OF OAK FOREST
				ROADWAY	BOX CULVERT	TRAFFIC SIGNALS	ROADWAY	BOX CULVERT	HIGHWAY LIGHTING	TRAFFIC SIGNALS	UTILITY		
0004	0004	0021	0004	0004	0021	0021	0043						
URBAN	016-2849	URBAN	URBAN	016-2849	URBAN	URBAN	URBAN						
X0327036	BIKE PATH REMOVAL	SQ YD	118	118									
* X0327078	REMOVE FIRE HYDRANT AND VALVE ASSEMBLY	EACH	1									1	
* X0327694	GATE VALVE 8" WITH VAULT, 4' DIAMETER	EACH	2									2	
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1560	1560									
* X1200020	DUCTILE IRON SOLID SLEEVE 6"	EACH	2									2	
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1			1							
X2010400	STUMP REMOVAL ONLY	UNIT	43	18			25						
* X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.25	0.2			0.05						
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	2637	2637									
* X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	210									210	
* X5610900	DUCTILE IRON WATER MAIN, 8" DIAMETER, RESTRAINED JOINT PIPE	FOOT	226									226	
* X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	2									2	
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	68				68						
X6640310	CHAIN LINK GATES REMOVAL	EACH	2				2						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1									

* SPECIALTY ITEM

FILE NAME: G:\Engineering\Live\Projects\13003 DOT DUR\13003 - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\13003\13003-001.dwg



USER NAME = john	DESIGNED - PP	REVISED -
PLOT SCALE = 2,000' / 1" =	DRAWN - JN	REVISED -
PLOT DATE = 6/30/2017	CHECKED - JMT	REVISED -
	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-218-1)	COOK	184	19
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

REV


NHPP

STP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHPP			CONSTRUCTION CODE						
				URBAN		80% FEDERAL	20% STATE	80% FEDERAL 20% CITY OF OAK FOREST					
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	180	180									
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	159	159									
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	252	252									
* X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1				1						
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1				1						
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	4218				4218						
* X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	4202				4202						
* X8951011	REMOVE AERIAL CABLE	FOOT	200							200			
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	97						97				
Z0004544	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SQ YD	106						106				
Z0007430	TEMPORARY SIDEWALK	SQ FT	3400	3400									
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	60	60									
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1									
Z0015500	DEBRIS REMOVAL	LSUM	1						1				

* SPECIALTY ITEM

FILE NAME = D:\Engineering\Live\Projects\60K73\60K73-CADD\CADD Sheets\Civil\60K73-INT-500.dgn

	USER NAME = johnn	DESIGNED - PP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)				F.A.P. RTE. 351	SECTION (537 & 3277-218-1)	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 20
	PLOT SCALE = 2.0000 / in.	CHECKED - JMT	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				
PLOT DATE = 6/30/2017	DATE - 6/30/2017	REVISED -					CONTRACT NO. 60K73						

NHP

STP

CONSTRUCTION CODE

80% FEDERAL
20% CITY OF OAK FOREST

URBAN

80% FEDERAL 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN			CONSTRUCTION CODE							
				ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	BOX CULVERT 0004 016-2849	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN			
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	47	47										
Z0022800	FENCE REMOVAL	FOOT	112	112										
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	102.8	102.8										
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	16						16					
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	6						6					
* Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1			1								
Z0054400	ROCK FILL	CU YD	323		323									
Z0065745	SLOTTED DRAIN 12" WITH 2 1/2" SLOT	FOOT	88	88										
Z0067900	STEEL CASINGS 24"	FOOT	53										53	
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	5			5								
Z0076600	TRAINEES	HOUR	500	500										
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500										
* X2600024	TEMPORARY WOOD POLE, 30 FEET, CLASS 3	EACH	4						4					
* X1400109	FULL-ACTUATED CONTROLLER AND TYPE SUPER-R CABINET, (SPECIAL)	EACH	1			1								
* X0100013	TRENCH BACKFILL - WATER MAIN	CU YD	210										210	
* X4421791	CLASS D PATCHES, TYPE IV, 12 INCH (SPECIAL)	SQ YD	57	57										

* SPECIALTY ITEM
 NON PARTICIPATING
 0042

FILE NAME = D:\Engineering\LiveProjects\12003 IDOT DURN\3002 - W0 3 Contract No. 60K73\CAD\CADD Sheets\Civil\160673-sh-500.dgn



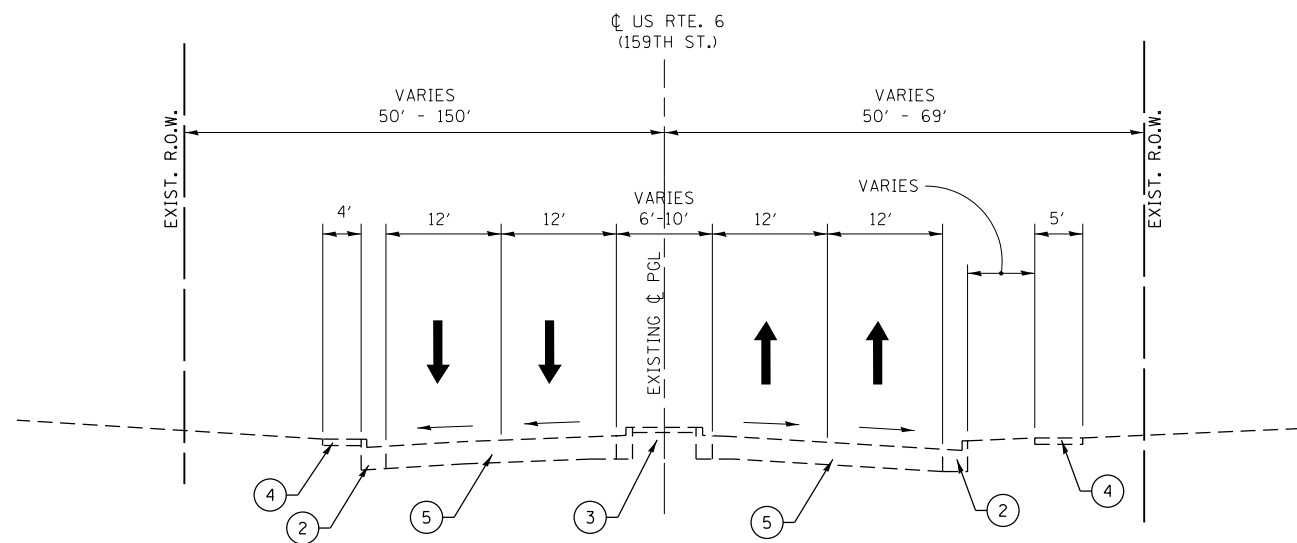
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	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

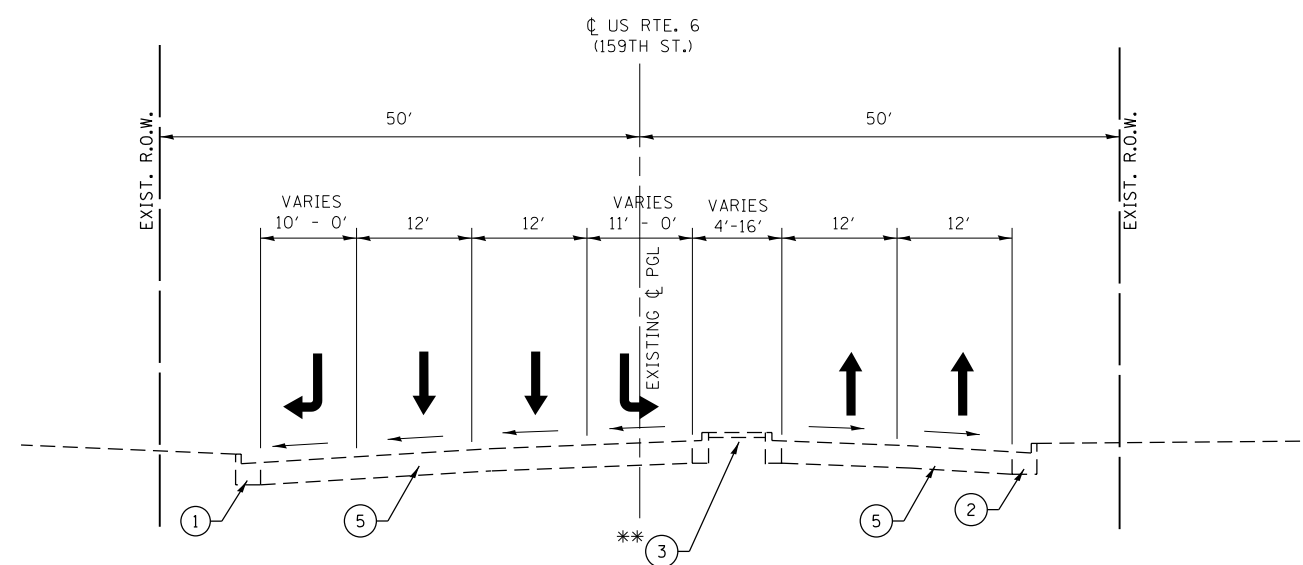
SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE. 351	SECTION 537 & 3277-Z1B-1	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 21
CONTRACT NO. 60K73				
[ILLINOIS] FED. AID PROJECT				

REV

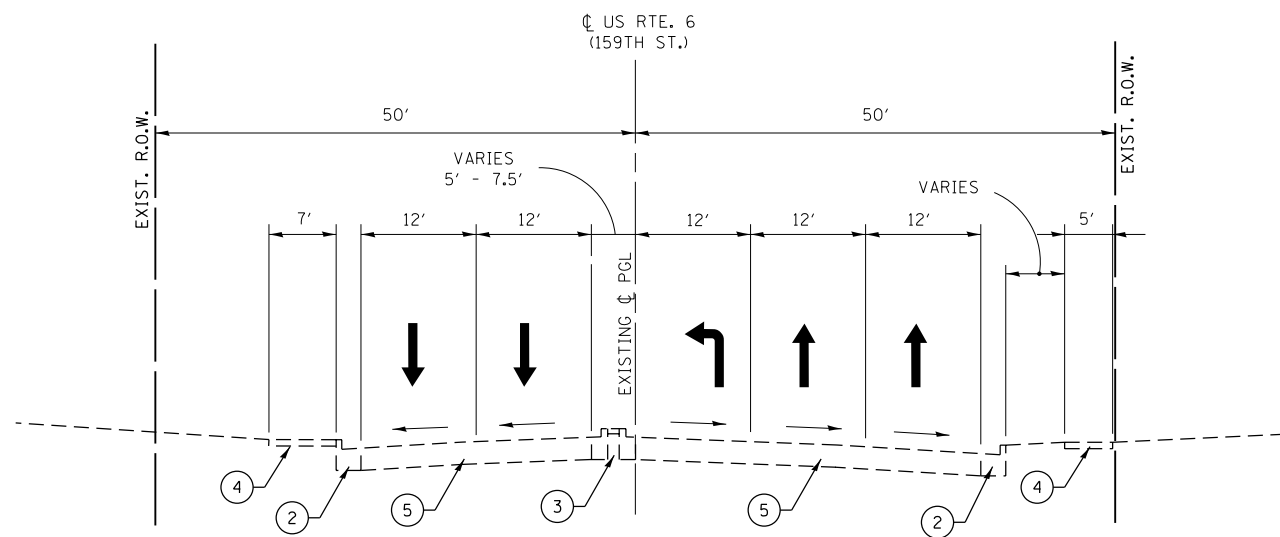


EXISTING TYPICAL SECTION
STA. 220+00 TO STA. 226+60



** CONCRETE MEDIAN SURFACE ENDS STA. 234+93
GRASS MEDIAN BEGINS STA. 234+93

EXISTING TYPICAL SECTION
STA. 232+98.55 TO STA. 237+57



EXISTING TYPICAL SECTION
STA. 226+60 TO STA. 231+56

LEGEND

- ① EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ③ EXISTING MEDIAN WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 AND CONCRETE MEDIAN SURFACE
- ④ EXISTING PCC SIDEWALK
- ⑤ EXISTING PAVEMENT (7" HMA, 9 1/2" PCC)
- ⑥ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- ⑨ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ⑩ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑪ PROPOSED AGGREGATE BASE COURSE, TYPE B, 6"
- ⑫ PROPOSED AGGREGATE BASE COURSE, TYPE B, 4"
- ⑬ PROPOSED HMA BASE COURSE, 8"
- ⑭ PROPOSED HMA BASE COURSE WIDENING, 8"
- ⑮ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑯ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
- ⑰ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑱ PROPOSED TOPSOIL FURNISH AND PLACE, 4" SEEDING CLASS 2A
- ⑲ PROPOSED PIPE UNDERDRAINS 4"
- ⑳ PROPOSED AGGREGATE BASE COURSE, TYPE B 11"
- ㉑ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ㉒ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"

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USER NAME = jent	DESIGNED - JMT	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JN	REVISED -
PLOT DATE = 6/30/2017	CHECKED - DH	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
US RTE. 6 (159TH ST.)**

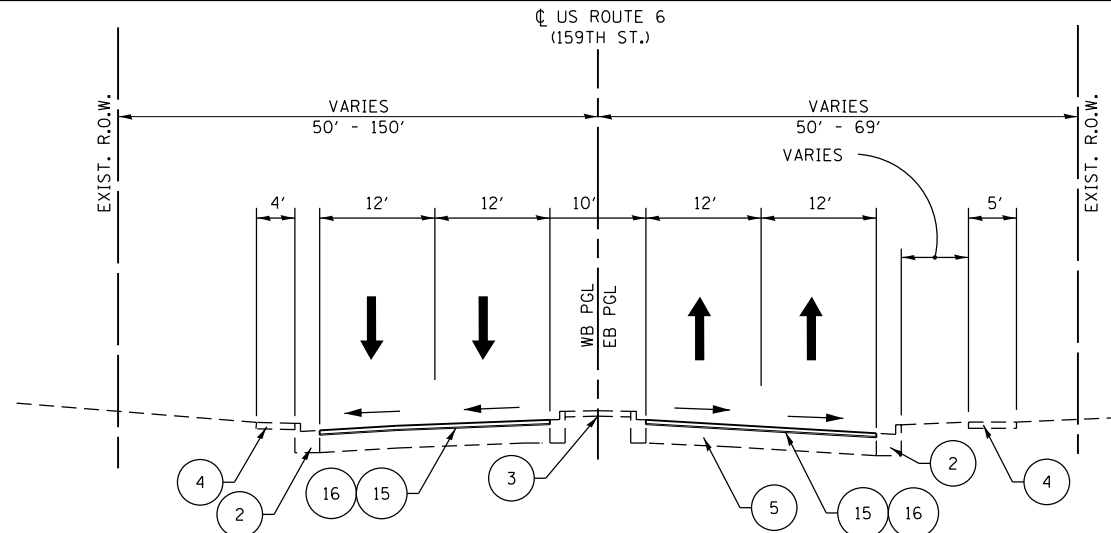
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	22
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

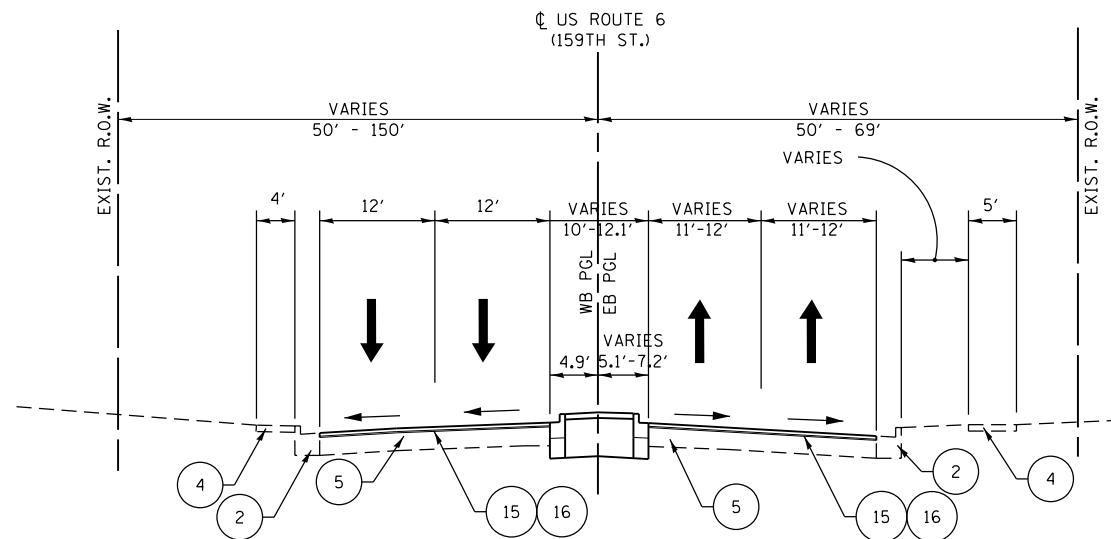
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LEGEND

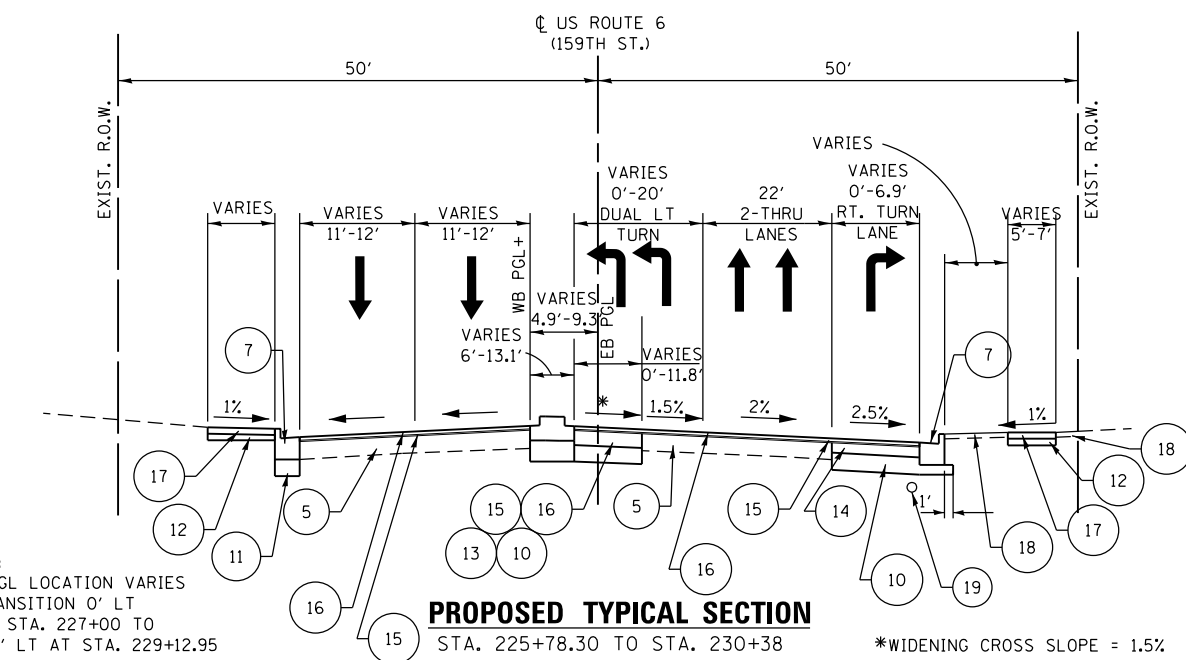
- ① EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ③ EXISTING MEDIAN WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 AND CONCRETE MEDIAN SURFACE
- ④ EXISTING PCC SIDEWALK
- ⑤ EXISTING PAVEMENT (7" BIT., 9 1/2" CONC.)
- ⑥ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- ⑨ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ⑩ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑪ PROPOSED AGGREGATE BASE COURSE, TYPE B, 6"
- ⑫ PROPOSED AGGREGATE BASE COURSE, TYPE B, 4"
- ⑬ PROPOSED HMA BASE COURSE, 8"
- ⑭ PROPOSED HMA BASE COURSE WIDENING, 8"
- ⑮ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑯ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
- ⑰ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑱ PROPOSED TOPSOIL FURNISH AND PLACE, 4" SEEDING CLASS 2A
- ⑲ PROPOSED PIPE UNDERDRAINS 4"
- ⑳ PROPOSED AGGREGATE BASE COURSE, TYPE B 11"
- ㉑ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ㉒ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"



PROPOSED TYPICAL SECTION
STA. 220+00 TO STA. 225+06

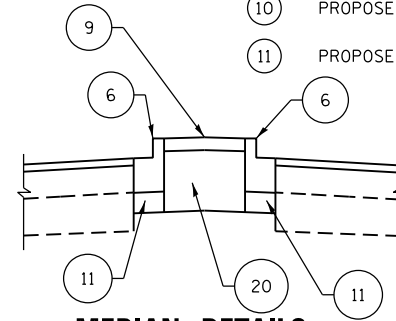


PROPOSED TYPICAL SECTION
STA. 225+06 TO STA. 225+78.30



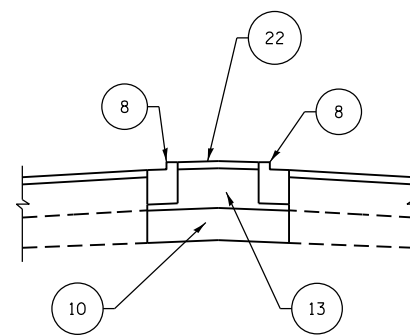
PROPOSED TYPICAL SECTION
STA. 225+78.30 TO STA. 230+38

*WIDENING CROSS SLOPE = 1.5%



MEDIAN DETAILS

STA. 225+06 TO STA. 226+14
STA. 229+12.95 TO STA. 231+56



MEDIAN DETAILS

STA. 226+14 TO STA. 229+12.95

HMA MIXTURE REQUIREMENTS CHART

OPERATION	MIXTURE TYPE	AIR VOIDS (%) @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING	POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5mm), 2"	4% @ 70 GYR.	OCP
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC/OA
OAK AVE. ENTRANCE	HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 2"	4% @ 50 GYR.	QC/OA
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC/OA
PAVEMENT RECONSTRUCTION, WIDENING & RIGHT TURN LANE	POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5mm), 2"	4% @ 70 GYR.	OCP
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC/OA
	HMA BASE COURSE, 8" (HMA BINDER IL-19.0)	4% @ 70 GYR.	OCP
PAVEMENT RECONSTRUCTION (OVER CULVERT ON CICERO AVENUE)	POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5mm), 2"	4% @ 70 GYR.	OCP
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC/OA
	HMA BASE COURSE, 8" (HMA BINDER IL-19.0)	4% @ 70 GYR.	OCP
PATCHING	CLASS D PATCHES - (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC/OA
	HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"	4% @ 70 GYR.	QC/OA
CLASS D PATCHES, 11" (SPECIAL)	HMA BINDER COURSE, IL-19.0, N70, 9"	4% @ 70 GYR.	QC/OA
	HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 2"	4% @ 50 GYR.	QC/OA
HMA DRIVEWAY PAVEMENT, 8"	HMA BINDER COURSE, IL-19.0, N50, 6"	4% @ 50 GYR.	QC/OA
	HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 2"	4% @ 50 GYR.	QC/OA
TEMPORARY SIDEWALK	HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 2"	4% @ 50 GYR.	QC/OA
STABILIZED MEDIAN SURFACE	HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"	4% @ 70 GYR.	QC/OA
	HMA BASE COURSE, 8" (HMA BINDER IL-19.0)	4% @ 70 GYR.	QC/OA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP)

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" 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.

NOTE FOR ALL PROPOSED TYPICAL SECTIONS:

MATCH EXISTING CROSS SLOPE IF NO VALUE IS SHOWN.

+NOTE:
WB PGL LOCATION VARIES - TRANSITION 0' LT AT STA. 227+00 TO 9.3' LT AT STA. 229+12.95



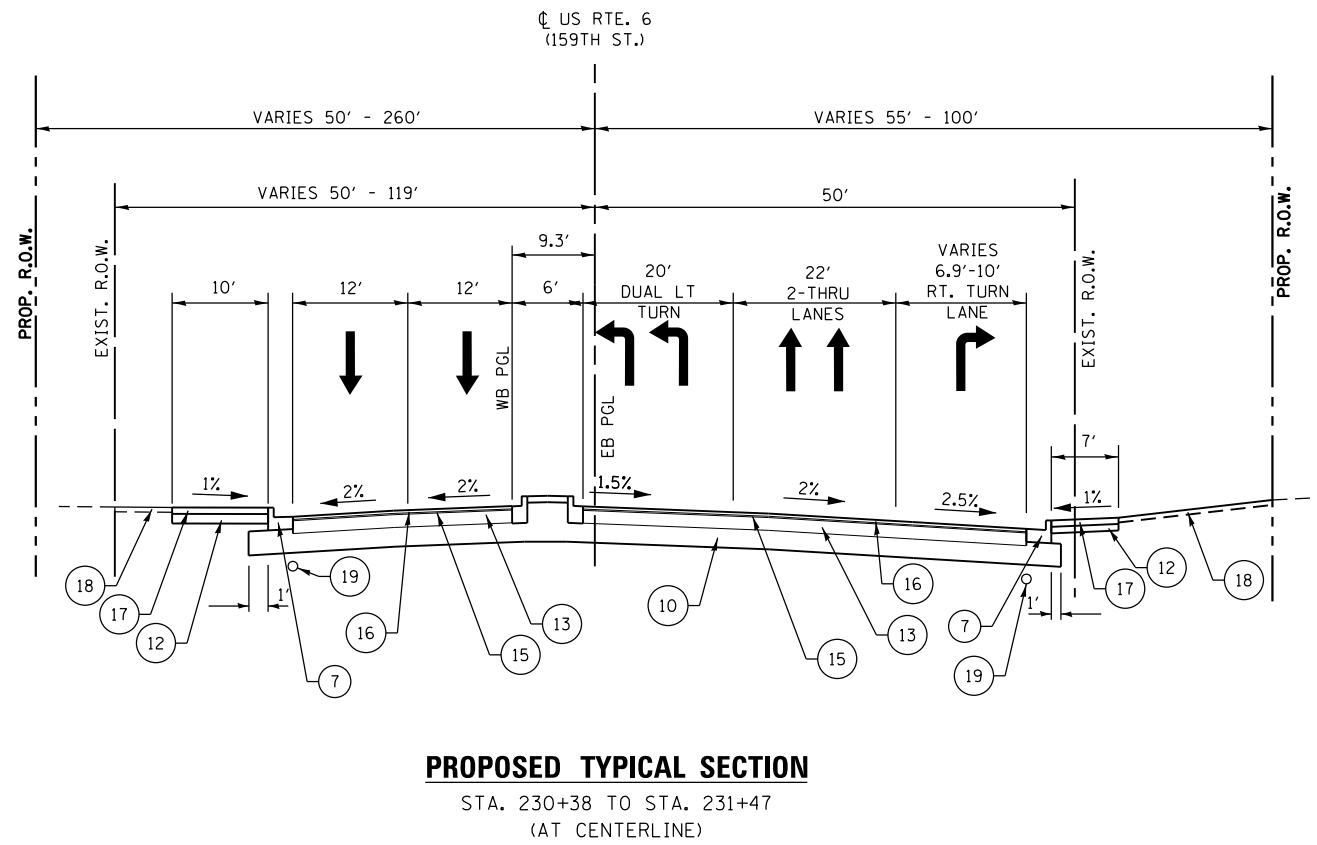
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PLOT SCALE = 20.0000' / in.	DRAWN - JN	REVISED -
PLOT DATE = 6/30/2017	CHECKED - DH	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

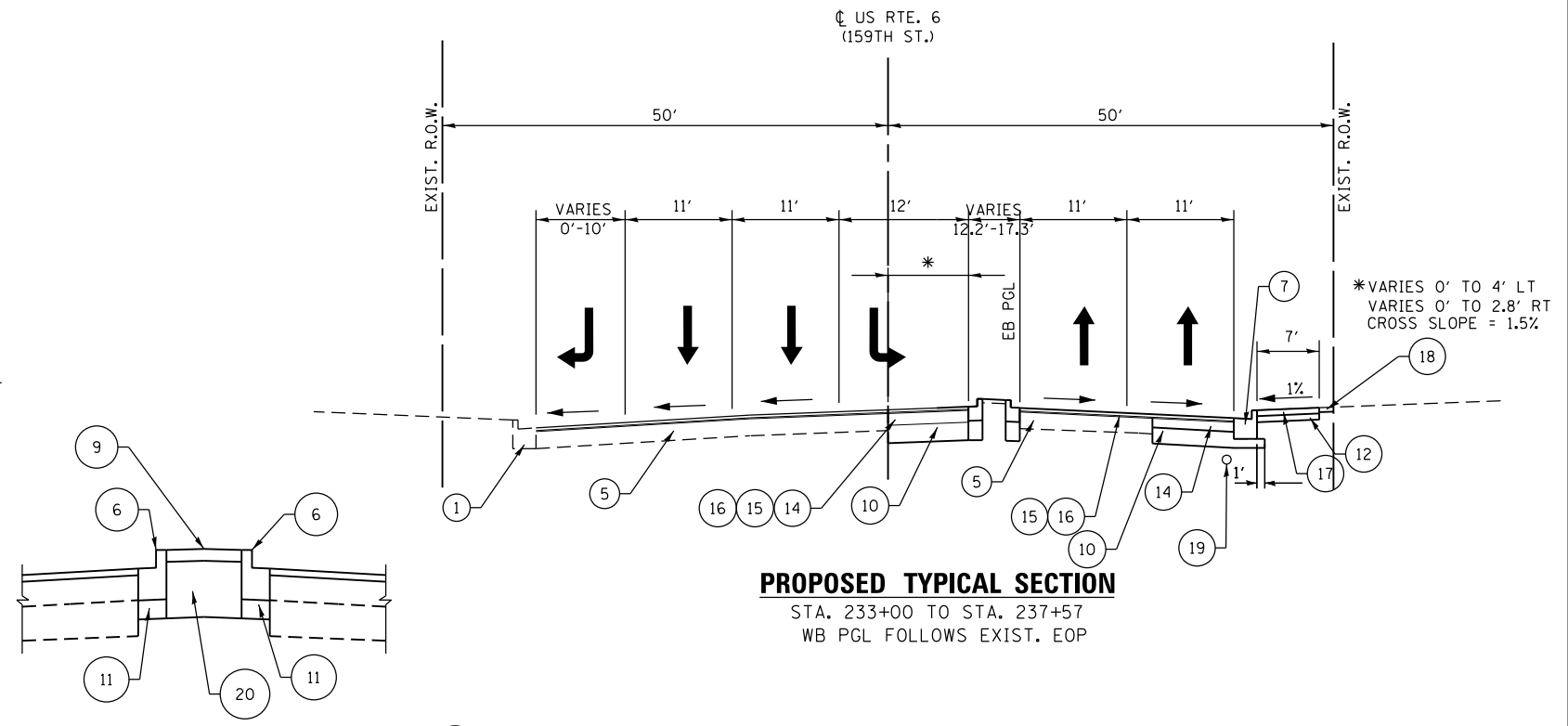
**PROPOSED TYPICAL SECTIONS
US RTE. 6 (159TH ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	23
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

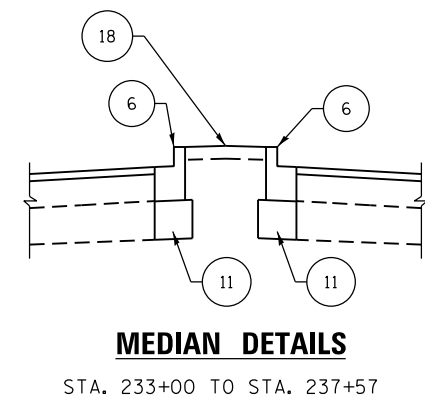
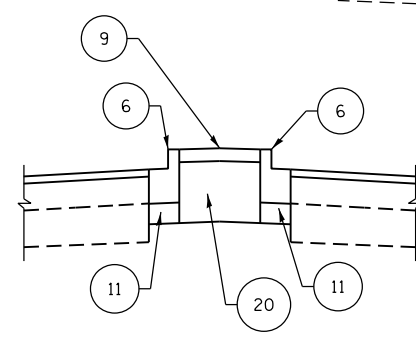


PROPOSED TYPICAL SECTION
 STA. 230+38 TO STA. 231+47
 (AT CENTERLINE)

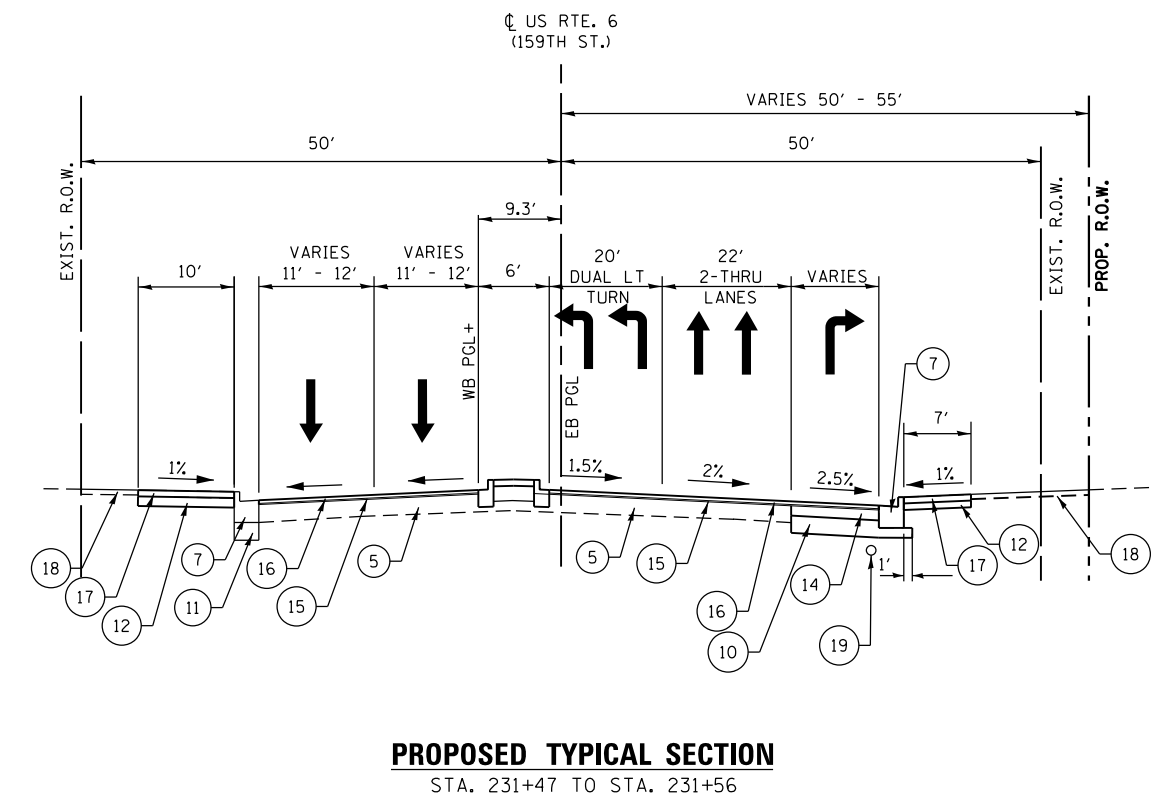


PROPOSED TYPICAL SECTION
 STA. 233+00 TO STA. 237+57
 WB PGL FOLLOWS EXIST. EOP

MEDIAN DETAILS
 STA. 225+06 TO STA. 226+14
 STA. 229+12.95 TO STA. 231+56



MEDIAN DETAILS
 STA. 233+00 TO STA. 237+57



PROPOSED TYPICAL SECTION
 STA. 231+47 TO STA. 231+56

NOTE FOR ALL PROPOSED TYPICAL SECTIONS:
 MATCH EXISTING CROSS SLOPE IF NO VALUE IS SHOWN.

LEGEND

- ① EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ③ EXISTING MEDIAN WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 AND CONCRETE MEDIAN SURFACE
- ④ EXISTING PCC SIDEWALK
- ⑤ EXISTING PAVEMENT (7" BIT., 9 1/2" CONC.)
- ⑥ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- ⑨ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ⑩ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑪ PROPOSED AGGREGATE BASE COURSE, TYPE B, 6"
- ⑫ PROPOSED AGGREGATE BASE COURSE, TYPE B, 4"
- ⑬ PROPOSED HMA BASE COURSE, 8"
- ⑭ PROPOSED HMA BASE COURSE WIDENING, 8"
- ⑮ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑯ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
- ⑰ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑱ PROPOSED TOPSOIL FURNISH AND PLACE, 4" SEEDING CLASS 2A
- ⑲ PROPOSED PIPE UNDERDRAINS 4"
- ⑳ PROPOSED AGGREGATE BASE COURSE, TYPE B 11"
- ㉑ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ㉒ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DURV130033 - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\159TH\60K73-shr-Typical03-US-6.dgn



USER NAME = jent	DESIGNED - JMT	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JN	REVISED -
PLOT DATE = 6/30/2017	CHECKED - DH	REVISED -
	DATE - 6/30/2017	REVISED -

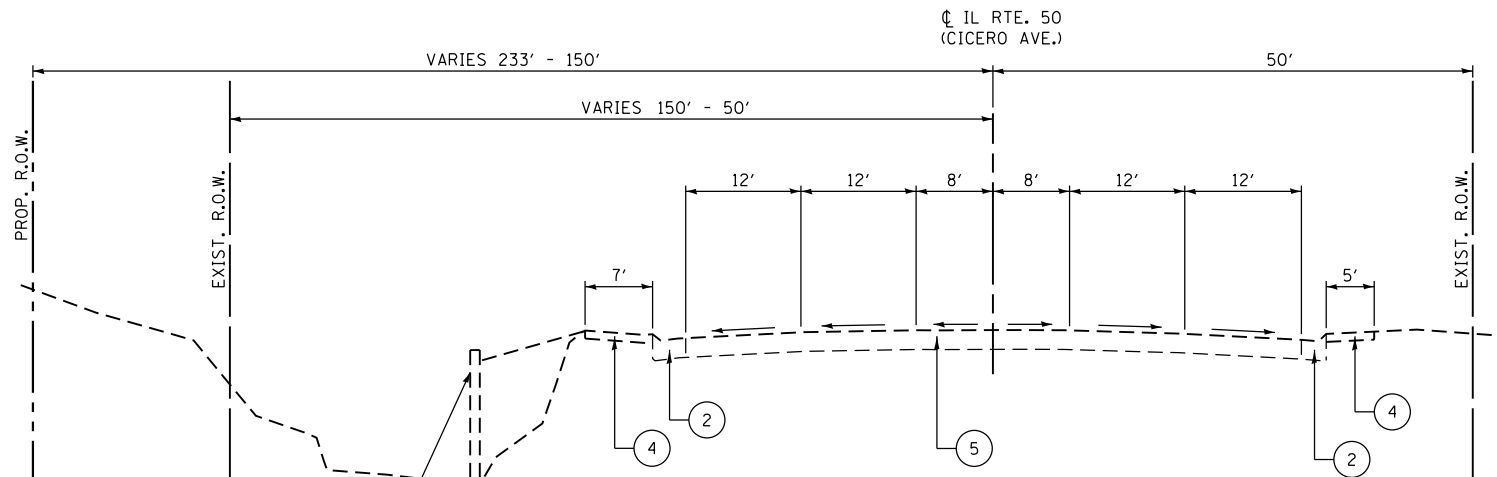
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
 US RTE. 6 (159TH ST.)

SCALE: SHEET OF SHEETS STA. TO STA.

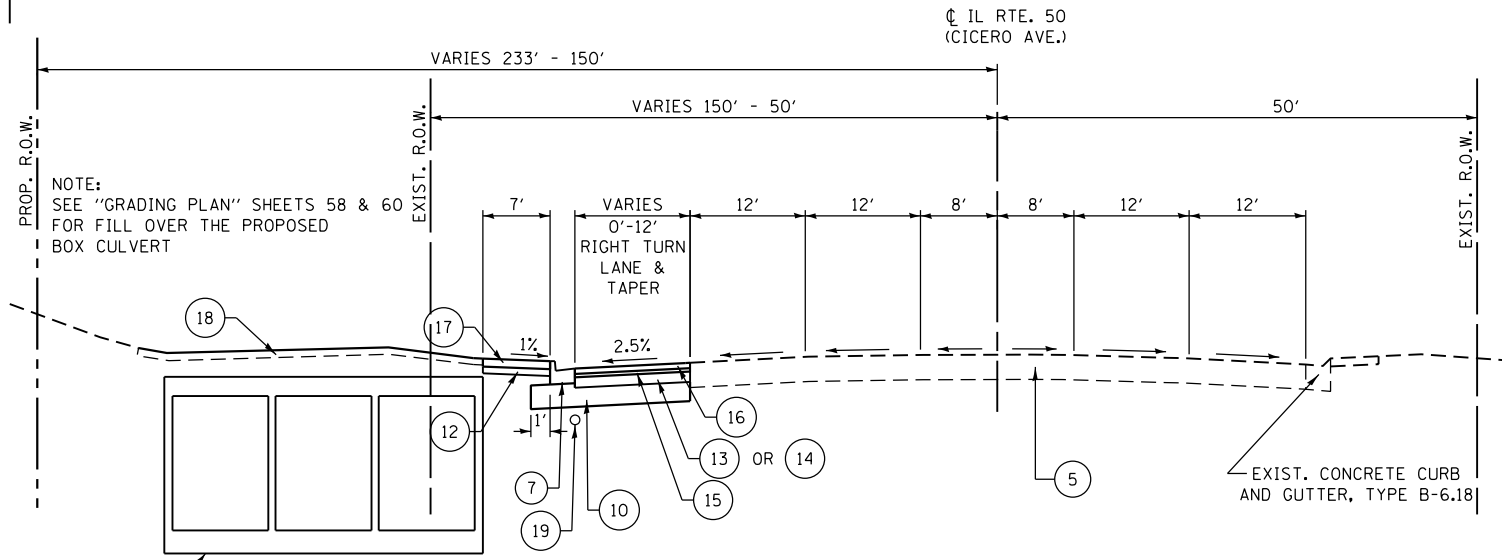
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	24
CONTRACT NO. 60K73				

ILLINOIS FED. AID PROJECT



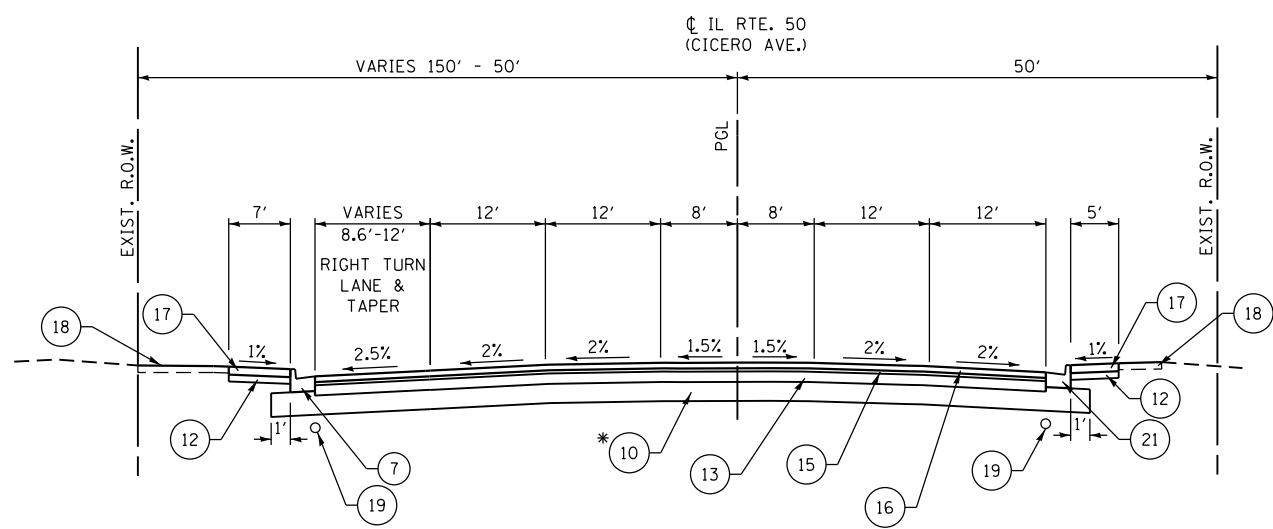
EXISTING SHEET PILE RETAINING WALL TO BE REMOVED
 STA. 64+80.67 - STA. 65+14.96
 (SEE STRUCTURE PLANS)

ILLINOIS ROUTE 50 (CICERO AVE.)
EXISTING TYPICAL SECTION
 STA. 61+48 TO STA. 67+06



NOTE:
 SEE "GRADING PLAN" SHEETS 58 & 60
 FOR FILL OVER THE PROPOSED
 BOX CULVERT

ILLINOIS ROUTE 50 (CICERO AVE.)
PROPOSED TYPICAL SECTION
 STA. 61+48 TO STA. 65+21
 STA. 66+55.62 TO STA. 73+39
 (AT CENTERLINE)



ILLINOIS ROUTE 50 (CICERO AVE.)
PROPOSED TYPICAL SECTION
 STA. 65+21 TO STA. 66+55.62
 (AT CENTERLINE)

*NOTE: HOT-MIX ASPHALT BINDER COURSE IS USED ON TOP OF THE PROPOSED CULVERT UNDER IL RTE. 50 (CICERO AVE.) TO THE NECESSARY THICKNESS IN LIEU OF 12" AGGREGATE SUBGRADE IMPROVEMENT AND IS PAID AS HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70

NOTE FOR ALL PROPOSED TYPICAL SECTIONS:
 MATCH EXISTING CROSS SLOPE IF NO VALUE IS SHOWN.

LEGEND

- ① EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ③ EXISTING MEDIAN WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 AND CONCRETE MEDIAN SURFACE
- ④ EXISTING PCC SIDEWALK
- ⑤ EXISTING PAVEMENT (7" HMA, 9 1/2" PCC)
- ⑥ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- ⑨ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ⑩ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑪ PROPOSED AGGREGATE BASE COURSE, TYPE B, 6"
- ⑫ PROPOSED AGGREGATE BASE COURSE, TYPE B, 4"
- ⑬ PROPOSED HMA BASE COURSE, 8"
- ⑭ PROPOSED HMA BASE COURSE WIDENING, 8"
- ⑮ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑯ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 2"
- ⑰ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑱ PROPOSED TOPSOIL FURNISH AND PLACE, 4" SEEDING CLASS 2A
- ⑲ PROPOSED PIPE UNDERDRAINS 4"
- ⑳ PROPOSED AGGREGATE BASE COURSE, TYPE B 11"
- ㉑ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ㉒ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-shr-Typical04-IL-50.dgn



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	DRAWN - JN	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DH	REVISED -
PLOT DATE = 6/30/2017	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS			
IL RTE. 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	25
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT PAVEMENT SCHEDULE								
LOCATION STATION TO STATION	OFFSET	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (TON)	POLYMERIZED HOT-MIX ASPHALT LEVELING BINDER (MACHINE METHOD), IL-4.75 N50 (TON)	HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (SQ YD)	HOT-MIX ASPHALT BASE COURSE, 8" (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	HMA-BINDER COURSE, IL-19.0, N70 (TON)	*HMA SURFACE REMOVAL BUTT JOINT (SQ YD)
220+00 to 231+76	RT	463	174			2792		
220+00 to 231+76	LT	369	138			2224		
225+88 TO 228+57	RT			58				
226+13 TO 229+13	LT & RT					144		
228+26 to 229+25	LT	36	14			241		
228+48 TO 229+15	RT	12	4			79		
228+57 TO 228+63	RT			14				
228+96 TO 229+05	LT			4				
229+05 TO 230+10	RT			116				
230+10 TO 231+72	RT				688			
230+41 TO 231+80	LT				449			
227+77 TO 228+08	LT			1				
231+66 TO 231+80	RT			9				
232+48 TO 236+66	RT			168				
232+50 TO 237+57	RT	135	51			814		
232+80 TO 236+94	LT	203	76			1222		
234+40 TO 236+90	LT			86				
64+40 TO 66+55	LT				724			
64+40 TO 67+06	LT & RT	139	52			837		
65+21 TO 66+96	RT				491			
66+15 TO 67+06	LT			25				
65+59 TO 66+11	LT & RT					168		
IRREGULARITIES						84		
TOTAL		1357	509	481	2352	8437	168	203

PAVEMENT REMOVAL SCHEDULE			
LOCATION STATION TO STATION	OFFSET	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4 INCH (SQ YD)	PAVEMENT REMOVAL (SQ YD)
220+00 TO 230+40	LT	2768	
220+00 TO 230+40	RT	3049	
228+26 TO 229+21	LT	319	
228+57 TO 229+05	RT	88	
231+47 TO 231+76	LT & RT	320	
232+81 TO 237+61	LT & RT	2754	
230+38 TO 231+46	LT		327
230+38 TO 231+46	RT		447
225+05 TO 230+41	LT & RT		203
228+44 TO 228+77	LT		103
228+65 TO 228+91	RT		55
233+00 TO 237+57	LT & RT		287
64+40 TO 66+96	LT & RT		1030
TOTAL		9298	2452

SEE PLAN SHEETS 35 TO 39 FOR LOCATIONS OF PAVING ITEMS NOT SHOWN IN THIS SCHEDULE
 * SEE PLAN AND PROFILE SHEETS FOR THE LOCATION OF THE BUTT JOINTS.

SIDEWALK SCHEDULE				
LOCATION STATION TO STATION	OFFSET	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	SIDEWALK REMOVAL (SQ FT)	BIKE PATH REMOVAL (SQ YD)
228+10 TO 228+38	LT	185	169	
228+24 TO 228+56	RT	280	390	
228+52 TO 228+76	LT	112		
228+70 TO 228+87	RT	70		
229+17 TO 229+38	LT	436	341	
229+02 TO 231+71	RT	2528	1969	
229+17 TO 231+77	LT	5216	4268	
232+63 TO 233+13	LT	466	236	6
61+53 TO 62+80	RT	2227	1013	112
65+68 TO 66+96	RT	690	706	
TOTAL		12210	9092	118

LANDSCAPING SCHEDULE											
LOCATION STATION TO STATION	OFFSET (LT/RT)	SEEDING CLASS 2A (ACRE)	SEEDING CLASS 4B (MODIFIED) (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH METHOD 2 (ACRE)	EROSION CONTROL BLANKET (SQ YD)	COMPOST FURNISH AND PLACE 2" (SQ YD)	TOPSOIL FURNISH AND PLACE 4" (SQ YD)	TEMPORARY EROSION CONTROL SEEDING (POUND)
61+40 TO 62+37	LT	0.121		10.9	10.9	10.9	0.121	587.1	587.1	587.1	24
61+43 TO 62+64	LT	0.075		6.7	6.7	6.7	0.075	361.8	361.8	361.8	15
230+37 TO 230+72	RT	0.021		1.9	1.9	1.9	0.021	103.3	103.3	103.3	4
61+50 TO 61+88	RT	0.006		0.5	0.5	0.5	0.006	29.6	29.6		1
62+01 TO 62+85	RT	0.085		7.6	7.6	7.6	0.085	411.1	411.1	262.2	17
225+73 TO 228+48	RT	0.040		3.6	3.6	3.6	0.040	195.8	195.8		8
228+19 TO 229+02	RT	0.008		0.7	0.7	0.7	0.008	36.9	36.9		2
229+08 TO 230+14	RT	0.004		0.3	0.3	0.3	0.004	18.3	18.3	18.3	1
228+04 TO 229+37	LT	0.009		0.8	0.8	0.8	0.009	45.1	45.1	45.1	2
229+33 TO 230+86	LT	0.027		2.4	2.4	2.4	0.027	131.7	131.7	131.7	5
63+71 TO 65+90	LT	0.246		22.1	22.1	22.1	0.246	1189.2	1189.2	1189.2	49
65+80 TO 67+65	LT	0.023		2.0	2.0	2.0	0.023	109.9	109.9	109.9	5
232+99 TO 237+57	RT	0.120		10.8	10.8	10.8	0.120	580.7	580.7		24
230+17 TO 230+67	RT		0.023				0.023	112.1	112.1	112.1	5
65+28 TO 67+21	RT		0.078				0.078	376.1	376.1		16
TOTAL		1.0	0.25	71	71	71	1.0	4289	4289	2921	178

DRIVEWAY SCHEDULE			
LOCATION STATION TO STATION	OFFSET	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)
229+49.7 TO 229+76.3	RT	20.8	18
230+17.5 TO 230+46.5	RT	25.9	20
TOTAL		47	38

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003 - W3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-SchedQuant.dgn



USER NAME = johnn	DESIGNED - AB	REVISED -
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PLOT DATE = 7/21/2017	CHECKED - JMT	REVISED -
	DATE - 7/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	26
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

THERMOPLASTIC PAVEMENT MARKING SCHEDULE					
LOCATION STATION TO STATION	OFFSET	4" (FT)	6" (FT)	12" (FT)	24" (FT)
WHITE SKIP DASH - 10' DASH AND 30' SKIP					
209+30 TO 211+86	RT	70			
212+36 TO 228+24	RT	410			
220+00 TO 231+42	LT	300			
220+00 TO 231+42	RT	70			
233+03 TO 242+00	LT	230			
233+04 TO 240+50	RT	200			
50+00 TO 62+59	RT	320			
58+00 TO 62+51	LT	120			
63+82 TO 73+20	RT	240			
63+82 TO 75+85	LT	310			
SOLID YELLOW					
220+00 TO 231+56	LT & RT	2312			
232+98 TO 237+57	LT & RT	918			
DOUBLE YELLOW					
56+92 TO 58+72	LT & RT	742			
58+72 TO 62+50	LT	1512			
63+83 TO 65+84	RT	804			
65+84 TO 66+74	LT & RT	364			
66+74 TO 67+77	LT	412			
68+56 TO 70+56	LT & RT	414			
68+56 TO 72+00	LT & RT	688			
SOLID WHITE EDGE LINES					
220+00 TO 228+09	LT	809			
220+00 TO 228+40	RT	840			
TURN LANE (SOLID WHITE)					
58+72 TO 62+50	RT		378		
62+80 TO 63+66	RT		86		
62+82 TO 63+64	RT		82		
63+83 TO 65+31	LT		148		
63+83 TO 65+84	LT		201		
66+74 TO 67+74	RT		100		
68+62 TO 69+51	LT		89		
229+13 TP 231+41	RT		456		
230+51 TO 231+41	RT		90		
231+39 TO 232+80	LT		141		
231+55 TO 232+66	LT		111		
233+04 TO 234+65	LT		161		
233+04 TO 234+90	LT		186		
TURN LANE (WHITE SKIP DASH, 2' DASH, 6' SKIP)					
57+12 TO 58+72	RT		42		
63+16 TO 63+83	LT & RT		124		
65+31 TO 67+00	LT		44.3		
65+84 TO 66+74	LT		24.5		
65+84 TO 66+74	RT		24.5		
69+51 TO 71+25	LT		45.5		
226+13 TO 229+13	RT		77		
230+08 TO 230+51	RT		12.8		
234+65 TO 236+68	LT		52.8		
234+90 TO 236+90	RT		52		
12" CROSS WALK, MEDIAN DIAGONALS, 24" STOP BARS (WHITE)					
228+34	LT			126	13
229+00	RT			72	13
231+42	LT & RT			212	56
232+89	LT & RT			301	44
56+89 TO 58+72	LT & RT			55	
62+63	LT & RT			236	35
63+70	LT & RT			432	60
68+53 TO 70+56	LT & RT			30	
TOTAL		12,085	2728	1464	221

SHORT TERM PAVEMENT MARKING SCHEDULE			
LOCATION STATION TO STATION	OFFSET	LENGTH (FT)	
LANE LINES			
209+30 TO 211+86	RT		28
212+36 TO 228+24	RT		148
220+00 TO 231+42	LT		108
220+00 TO 231+42	RT		24
233+03 TO 242+00	LT		84
233+04 TO 240+50	RT		72
50+00 TO 62+59	RT		120
58+00 TO 62+51	LT		44
63+82 TO 73+20	RT		88
63+82 TO 75+85	LT		112
SINGLE AND DOUBLE YELLOW LINES			
220+00 TO 231+56	LT & RT		216
232+98 TO 237+57	LT & RT		88
56+89 TO 58+72	LT & RT		40
58+72 TO 62+50	LT		160
63+83 TO 65+84	RT		96
65+84 TO 66+74	LT & RT		48
66+74 TO 67+77	LT		48
68+56 TO 70+56	LT & RT		72
68+56 TO 72+00	LT & RT		48
SOLID WHITE TURN LANES			
58+72 TO 62+50	RT		40
62+80 TO 63+66	RT		12
62+82 TO 63+64	RT		12
63+83 TO 65+31	LT		16
63+83 TO 65+84	LT		24
66+74 TO 67+74	RT		12
68+62 TO 69+51	LT		12
229+13 TP 231+41	RT		24
230+51 TO 231+41	RT		12
231+39 TO 232+80	LT		16
231+55 TO 232+66	LT		16
233+04 TO 234+65	LT		20
233+04 TO 234+90	LT		20
STOP BARS			
228+34	LT & RT		13
229+00	LT & RT		13
231+42	LT & RT		56
232+89	LT & RT		44
62+63	LT & RT		35
63+70	LT & RT		60
LETTERS AND SYMBOLS			
US 6			767.2
IL 50			949.2
MULTIPLE FACTOR 5			
ROUNDED TOTAL			19,087

THERMOPLASTIC LETTERS AND SYMBOLS			
STATION	OFFSET	SYMBOL	AREA (SQ FT)
58+85	RT	ONLY	20.8
59+11	RT	ARROW	15.6
62+07	RT	ONLY	20.8
62+33	RT	ARROW	15.6
63+92	LT	ARROW	15.6
64+18	LT	ONLY	20.8
64+92	LT	ARROW	15.6
65+18	LT	ONLY	20.8
65+45	LT	ARROW	15.6
65+71	LT	ONLY	20.8
66+87	RT	ONLY	20.8
67+13	RT	ARROW	15.6
69+12	LT	ARROW	15.6
69+38	LT	ONLY	20.8
228+50	LT	ONLY	15.6
228+50	LT	ARROW	20.8
228+92	RT	ARROW	20.8
228+92	RT	ONLY	15.6
229+26	RT	ONLY	20.8
229+52	RT	ARROW	15.6
229+26	RT	ONLY	20.8
229+52	RT	ARROW	15.6
230+65	RT	ONLY	20.8
230+91	RT	ARROW	15.6
231+03	RT	ONLY	20.8
231+03	RT	ARROW	15.6
231+03	RT	ONLY	20.8
231+03	RT	ARROW	15.6
234+26	LT	ARROW	15.6
234+50	LT	ARROW	15.6
234+52	LT	ONLY	20.8
234+77	LT	ONLY	20.8
TOTAL			582

RAISED REFLECTIVE PAVEMENT MARKER		
LOCATION STATION TO STATION	TYPE	PAVEMENT MARKER (EACH)
65+22 TO 66+53	2-WAY AMBER	10
64+43 TO 65+31	1-WAY CRYSTAL	4
65+22 TO 65+86	1-WAY CRYSTAL	3
64+81 TO 66+31	1-WAY CRYSTAL	6
65+44 TO 66+80	1-WAY CRYSTAL	6
220+00 TO 231+42	1-WAY CRYSTAL	31
220+00 TO 231+42	1-WAY CRYSTAL	31
229+13 TO 231+41	1-WAY CRYSTAL	14
230+51 TO 231+41	1-WAY CRYSTAL	4
233+04 TO 236+94	1-WAY CRYSTAL	12
233+04 TO 237+57	1-WAY CRYSTAL	14
233+05 TO 234+90	1-WAY CRYSTAL	6
233+05 TO 234+65	1-WAY CRYSTAL	5
	TOTAL	146

FILE NAME = D:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\13003-INT-SchedQuant.dgn



USER NAME = johnn	DESIGNED - AB	REVISED -
	DRAWN - AB	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	27
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

CONCRETE MEDIAN SCHEDULE				
LOCATION STATION TO STATION	MEDIAN REMOVAL (SQ FT)	CONCRETE MEDIAN SURFACE REMOVAL (SQ FT)	CONCRETE MEDIAN TYPE SB-6.12 (SQ FT)	CONCRETE MEDIAN SURFACE, 4 INCH (SQ FT)
227+13 TO 228+22	436			
229+77 TO 231+64	735			
232+84 TO 233+05	83			
225+05 TO 226+60		1085		
226+60 TO 227+13		292		
229+17 TO 229+77		508		
233+05 TO 234+93		752		
233+00 TO 233+06			72	
225+05 TO 226+13				904
228+50 TO 228+76				677
228+69 TO 228+88				235
229+13 TO 231+56				684
TOTAL	1254	2637	72	2500

FENCE SCHEDULE				
LOCATION STATION TO STATION	OFFSET	PERIMETER EROSION BARRIER (FOOT)	TEMPORARY FENCE (FOOT)	FENCE REMOVAL (FOOT)
61+40 TO 61+67	LT	340	340	
63+72 TO 65+03	LT	172	172	
64+61 TO 65+73	LT			112
65+36 TO 66+60	RT	146	146	
66+79 TO 67+80	RT	100	100	
228+19 TO 228+42	RT	22		
229+08 TO 229+46	RT	60		
229+34 TO 230+66	LT	130		
232+65 TO 233+12	LT	51		
232+63 TO 234+15	RT	256		
TOTAL		1277	758	112

INLET FILTERS	
LOCATION	INLET FILTERS (EACH)
60+09	2
61+11	2
64+46	2
64+70	1
65+66	2
65+75	1
66+87	2
68+52	1
68+62	1
68+70	1
68+83	1
73+24	2
73+29	2
73+33	1
73+39	2
218+61	1
218+64	1
218+74	1
218+75	1
219+37	2
222+92	2
222+97	2
222+98	1
223+03	2
227+16	2
228+11	1
228+14	1
229+30	1
230+91	1
230+98	1
231+04	1
231+31	1
233+39	1
233+66	1
233+95	1
234+36	2
235+65	2
236+18	1
238+17	2
240+14	2
242+27	2
* 228+27 TO 229+25	52
TOTAL	111

AGGREGATE SCHEDULE				
LOCATION STATION TO STATION	AGGREGATE SUBGRADE IMPROVEMENT, 12" (SQ YD)	AGGREGATE BASE COURSE, TYPE B 4" (SQ YD)	AGGREGATE BASE COURSE, TYPE B 6" (SQ YD)	AGGREGATE BASE COURSE, TYPE B 11" (SQ YD)
225+88 TO 228+40	152			
226+13 TO 229+13	319			
228+40 TO 228+64	36			
228+96 TO 229+13	19			
229+13 TO 230+07	99			
229+13 TO 231+64	165			
229+16 TO 229+85	53			
230+07 TO 231+81	1362			
232+47 TO 236+66	347			
234+39 TO 236+90	157			
59+40 TO 67+06	912			
228+10 TO 228+38		25.2		
228+24 TO 228+56		30.8		
228+52 TO 228+76		17.4		
228+70 TO 228+87		11.1		
229+17 TO 229+38		58.4		
229+02 TO 231+71		320.9		
229+17 TO 231+77		656.4		
232+63 TO 233+03		57.1		
61+53 TO 62+53		268.3		
65+68 TO 66+96		87.6		
229+50 TO 229+76			25	
230+18 TO 230+47			31	
230+27 TO 230+37			109	
225+05 TO 226+13			19	
225+05 TO 226+13			19	
228+44 TO 228+77			41	
228+65 TO 228+91			32	
61+48 TO 62+29			32	
62+02 TO 62+25			9	
233+06 TO 237+57			128	
233+06 TO 236+90			109	
233+00 TO 233+06			8	
225+05 TO 226+13				100
228+50 TO 228+76				75
228+69 TO 228+88				26
229+13 TO 231+56				76
TOTAL	3621	1534	564	278

TREE REMOVAL SCHEDULE			
STATION	OFFSET (FT)	6-15 UNITS DIAMETER (UNIT)	OVER 15 UNITS DIAMETER (UNIT)
61+46.4	172	23	
61+49.4	172	6	30
61+51.6	170	6	
61+58	163	15	
61+62.6	190	13	
61+67.2	192	12	
61+71.4	190	11	
61+82.6	178	38	
66+48	57	6	
TOTAL		130	30

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	28
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING TAPE, TYPE IV					
LOCATION STATION TO STATION	TYPE	LETTERS & SYMBOLS (SQ FT)	4" (FT)	12" (FT)	TEMP. RAISED REFLECTIVE PAVEMENT MARKER (EACH)
US 6 STAGE I					
209+30 TO 211+91	WHITE SOLID		261		
212+28 TO 228+63	WHITE SOLID		1635		
232+92 TO 239+07	WHITE SOLID		615		
232+92 TO 239+00	YELLOW SOLID		408		
---	---	---	---	---	---
US 6 STAGE II					
209+30 TO 211+91	YELLOW SOLID		261		
212+68 TO 225+00	YELLOW SOLID		1232		
225+00 TO 228+52	YELLOW SOLID		745		
232+91 TO 239+57	YELLOW SOLID		666		
232+91 TO 240+72	YELLOW SOLID		781		
US 6 STAGE II					
220+00 TO 231+41	10' DASH30' SKIP		300		
220+00 TO 231+41	10' DASH30' SKIP		300		
209+30 TO 212+89	10' DASH30' SKIP		100		
233+04 TO 240+30	10' DASH30' SKIP		190		
233+04 TO 242+00	10' DASH30' SKIP		230		
227+79 TO 231+42	WHITE CHEVRON			182	
IL 50 STAGE I					
56+90 TO 62+62	YELLOW SOLID		576		
IL 50 STAGE II					
50+43 TO 52+88	YELLOW SOLID		482		
52+88 TO 54+13	YELLOW SOLID		100		
54+13 TO 55+25	YELLOW SOLID		100		
55+25 TO 56+25	YELLOW SOLID		120		
50+43 TO 62+21	WHITE SOLID		1178		
56+79 TO 61+45	YELLOW SOLID		232		
59+59 TO 62+21	WHITE SOLID		520		
RIGHT TURN IL 50 TO US 6			206		10
64+13 TO 70+57	DOUBLE YELLOW		1288		
68+82 TO 70+57	WHITE SOLID		290		18
70+57 TO 71+83	WHITE SOLID		126		
71+83 TO 73+36	WHITE SOLID		153		
73+36 TO 75+83	WHITE SOLID		247		
70+57 TO 71+83	YELLOW SOLID		504	120	
71+83 TO 72+78	YELLOW SOLID		380		
IL 50 STAGE III					
50+43 TO 52+88	WHITE SOLID		245		
52+88 TO 57+25	WHITE SOLID		437		
57+25 TO 59+70	WHITE SOLID		245		
59+70 TO 62+24	WHITE SOLID		254		
64+13 TO 65+50	WHITE SOLID		321		
65+50 TO 67+20	WHITE SOLID		170		
67+20 TO 70+58	WHITE SOLID		338		
70+58 TO 72+83	WHITE SOLID		225		
56+92 TO 58+00	YELLOW SOLID		216		
58+00 TO 59+00	YELLOW SOLID		200		
59+00 TO 60+70	YELL SOL/DIAG		340	80	
60+70 TO 62+21	DOUBLE YELLOW		302		
63+13 TO 63+29	DOUBLE YELLOW		32		
63+29 TO 66+12	DOUBLE YELLOW		566		
64+13 TO 65+43	WHITE SOLID			48	
66+12 TO 65+50	DOUBLE YELLOW		326		
65+43 TO 67+75	DOUBLE YELLOW		324		
65+50 TO 67+05	YELLOW DIAG			54	
68+50 TO 70+87	DOUBLE YELLOW		474		7
70+87 TO 73+38	YELLOW SOLID		251		
73+38 TO 75+83	YELLOW SOLID		245		
70+87 TO 72+05	YELLOW SOLID		118	63	
	ONLY	321			
	ARROW	430			
FACTORED TOTAL		1502	39300	1100	35

NOTE: MULTIPLYING FACTOR IS 2

CURB AND GUTTER SCHEDULE					
LOCATION STATION TO STATION	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 (FOOT)
225+05 TO 227+13	416	216			
225+79 TO 228+46	267			262	
226+13 TO 229+13					600
228+18 TO 229+43		287			
228+44 TO 228+77				31	
228+46 TO 228+64	46				
228+64 TO 228+91				24	
228+96 TO 229+19	41				
229+13 TO 231+56		488			
229+16 TO 229+86	140				
229+19 TO 231+11	192				
229+43 TO 231+21	178				
231+11 TO 231+82	114				
231+21 TO 231+63	50				
232+47 TO 233+25	127				
232+63 TO 233+03	46	71			
233+05 TO 236+90	385	384			
233+05 TO 237+57	452	451			
233+25 TO 236+66	341				
229+15 TO 61+48				366	
229+43 TO 67+06				544	
61+48 TO 62+17	69				
64+41 TO 67+06	265				
65+58 TO 66+96	138		138		
62+02 TO 236+66				471	
TOTAL	3267	1897	138	1698	600

PAVEMENT MARKING TAPE, TYPE IV		
LOCATION STATION TO STATION	TYPE	6" (FT)
US 6 STAGE 1A & 1B		
232+91 TO 239+90	WHITE SOLID	699
239+90 TO 242+00	2' DASH-6' SKIP	54
232+91 TO 234+63	WHITE SOLID	172
234+63 TO 236+90	2' DASH-6' SKIP	56
US 6 STAGE II		
233+04 TO 234+65	WHITE SOLID	161
233+04 TO 234+90	WHITE SOLID	186
226+13 TO 227+79	2' DASH-6' SKIP	42
222+79 TO 231+42	WHITE SOLID	726
234+65 TO 236+90	2' DASH-6' SKIP	58
234+90 TO 236+90	2' DASH-6' SKIP	50
233+00 CROSS WALK	WHITE SOLID	165
IL 50 STAGE II		
55+25 TO 56+25	WHITE SOLID	100
58+85 TO 62+21	WHITE SOLID	336
64+13 TO 64+75	WHITE SOLID	62
64+75 TO 65+88	WHITE SOLID	28
67+50		100
IL 50 STAGE III		
59+70 TO 60+70	2' DASH-6' SKIP	26
60+70 TO 62+21	WHITE SOLID	151
64+13 TO 65+43	WHITE SOLID	130
65+43 TO 66+12	2' DASH-6' SKIP	18
68+50 TO 68+90	WHITE SOLID	40
FACTORED TOTAL		6720

NOTE: MULTIPLYING FACTOR IS 2

PAVEMENT MARKING TAPE, TYPE IV		
LOCATION STATION TO STATION	TYPE	24" (FT)
US 6 STAGE II		
231+41	STOP BAR	48
233+03	STOP BAR	44
IL 50 STAGE II		
62+20	STOP BAR	22
64+13	STOP BAR	22
67+75	STOP BAR	32
IL 50 STAGE III		
62+21	STOP BAR	22
64+13	STOP BAR	22
67+87	STOP BAR	23
FACTORED TOTAL		470

NOTE: MULTIPLYING FACTOR IS 2

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DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	29
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE STAGE IA (US RTE. 6)								TOPSOIL EXCAVATION AND PLACEMENT (US RTE. 6)				
STATION	LENGTH (FT)	CUT (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)	FILL (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)	TOP SOIL CUT (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)		
225+00		0.00			0.00			0.00				
225+50	50.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00		
226+00	50.00	6.40	3.20	5.9	0.00	0.00	0.00	0.80	0.40	0.74		
226+50	50.00	5.20	5.80	10.7	0.00	0.00	0.00	2.80	1.80	3.33		
227+00	50.00	5.70	5.45	10.1	0.00	0.00	0.00	3.20	3.00	5.56		
227+50	50.00	6.70	6.20	11.5	0.00	0.00	0.00	2.90	3.05	5.65		
228+00	50.00	11.30	9.00	16.7	0.00	0.00	0.00	2.80	2.85	5.28		
228+50	50.00	15.80	12.05	22.3	0.00	0.00	0.00	0.00	1.40	2.59		
229+00	50.00	8.30	8.65	16.0	0.00	0.00	0.00	2.50	2.40	4.44		
229+50	50.00	9.00	10.20	18.9	0.00	0.00	0.00	2.30	2.20	4.07		
230+00	50.00	11.40	7.00	13.0	0.00	56.60	104.81	2.10	2.20	4.07		
230+50	50.00	2.60	1.30	2.4	113.20	84.95	157.31	2.30	1.15	2.13		
231+00	50.00	0.00	12.40	23.0	56.70	28.35	52.50	0.00	0.00	0.00		
231+50	50.00	24.80			0.00			0.00				
INTERSECTION												
233+00	50.00	10.30	10.95	20.3	0.00	0.00	0.00	4.10	3.35	6.20		
233+50	50.00	11.60	11.65	21.6	0.00	0.00	0.00	2.60	2.70	5.00		
234+00	50.00	11.70	10.05	18.6	0.00	0.00	0.00	2.80	3.10	5.74		
234+50	50.00	8.40	8.15	15.1	0.00	0.00	0.00	3.40	3.20	5.93		
235+00	50.00	7.90	7.05	13.1	0.00	0.00	0.00	3.00	2.70	5.00		
235+50	50.00	6.20	5.70	10.6	0.00	0.00	0.00	2.40	2.30	4.26		
236+00	50.00	5.20	4.65	8.6	0.00	0.00	0.00	2.20	2.00	3.70		
236+50	50.00	4.10	2.05	3.8	0.00	0.00	0.00	1.80	0.90	1.67		
237+00	50.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00		
237+50	50.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00		
238+00	50.00	0.00			0.00			0.00				
				287.1					314.6			
										77.7		

EARTHWORK SCHEDULE STAGE IB (US RTE. 6)								TOPSOIL EXCAVATION AND PLACEMENT (US RTE. 6)				
STATION	LENGTH (FT)	CUT (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)	FILL (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)	TOP SOIL CUT (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)		
225+00		0.00			0.00			0.00				
225+50	50.00	0.00	3.70	6.9	0.00	0.00	0.00	0.00	0.00	0.00		
226+00	50.00	7.40	7.20	13.3	0.00	0.00	0.00	0.00	0.00	0.00		
226+50	50.00	7.00	4.65	8.6	0.00	0.00	0.00	0.00	0.00	0.00		
227+00	50.00	2.30	2.75	5.1	0.00	0.00	0.00	0.00	0.00	0.00		
227+50	50.00	3.20	4.30	8.0	0.00	0.00	0.00	0.00	0.00	0.00		
228+00	50.00	5.40	5.70	10.6	0.00	0.00	0.00	0.00	0.00	0.00		
228+50	50.00	6.00	5.25	9.7	0.00	0.00	0.00	0.00	0.00	0.00		
229+00	50.00	4.50	2.50	4.6	0.00	0.00	0.00	0.00	0.00	0.00		
229+50	50.00	0.50	4.05	7.5	0.00	0.00	0.00	0.00	0.00	0.00		
230+00	50.00	7.60	6.15	11.4	0.00	0.00	0.00	0.00	1.25	2.31		
230+50	50.00	4.70	11.40	21.1	0.00	0.00	0.00	2.50	1.85	3.43		
231+00	50.00	18.10	9.05	16.8	0.00	36.45	67.50	1.20	0.60	1.11		
231+50	50.00	0.00	10.00	18.5	72.90	51.60	95.56	0.00	0.00	0.00		
231+50	50.00	20.00			30.30			0.00				
INTERSECTION												
233+00	50.00	6.10	3.05	5.6	0.00	7.35	13.61	0.00	0.00	0.00		
233+50	50.00	0.00	0.00	0.0	14.70	14.85	27.50	0.00	0.00	0.00		
234+00	50.00	0.00	1.45	2.7	15.00	14.65	27.13	0.00	0.00	0.00		
234+50	50.00	2.90	2.75	5.1	14.30	14.05	26.02	0.00	1.10	2.04		
235+00	50.00	2.60	2.95	5.5	13.80	14.60	27.04	2.20	4.55	8.43		
235+50	50.00	3.30	5.05	9.4	15.40	16.10	29.81	6.90	5.60	10.37		
236+00	50.00	6.80	5.50	10.2	16.80	18.50	34.26	4.30	4.25	7.87		
236+50	50.00	4.20	2.10	3.9	20.20	11.20	20.74	4.20	2.95	5.46		
237+00	50.00	0.00	0.45	0.8	2.20	1.10	2.04	1.70	1.70	3.15		
237+50	50.00	0.90	0.45	0.8	0.00	0.00	0.00	1.70	0.85	1.57		
238+00	50.00	0.00			0.00			0.00				
				186.0					371.2			
										45.7		

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SCHEDULE OF QUANTITIES
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	30
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EARTHWORK SCHEDULE (IL RTE. 50)								TOPSOIL EXCAVATION AND PLACEMENT (IL RTE. 50)		
STATION	LENGTH (FT)	CUT (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)	FILL (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)	TOP SOIL CUT (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)
STAGE IA										
61+00		0.00			0.00			0.00		
	50.00		2.95	5.5		0.00	0.00		1.45	2.69
61+50		5.90			0.00			2.90		
	50.00		4.45	8.2		0.00	0.00		1.45	2.69
62+00		3.00			0.00			0.00		
	50.00		6.75	12.5		0.05	0.09		0.85	1.57
62+50		10.50			0.10			1.70		
	20.00		5.25	3.9		0.05	0.09		0.85	1.57
62+70		0.00			0.00			0.00		
				30.1			0.2			8.5
STAGE II										
61+00		0.00	2.50	4.6	0.00			0.00		
	50.00					0.50	0.93		0.00	0.00
61+50		5.00	5.55	10.3	1.00			0.00		
	50.00					1.10	2.04		0.00	0.00
62+00		6.10	14.10	26.1	1.20			0.00		
	50.00					0.60	1.11		0.00	0.00
62+50		22.10	11.05	8.2	0.00			0.00		
	20.00					0.00	0.00		0.00	0.00
62+70		0.00			0.00			0.00		
INTERSECTION										
64+00		26.40			102.20			5.70		
	50.00		24.95	46.2		72.25	133.80		3.40	6.30
64+50		23.50			42.30			1.10		
	50.00		17.55	32.5		32.10	59.44		0.55	1.02
65+00		11.60			21.90			0.00		
	50.00		5.80	10.7		20.10	37.22		0.00	0.00
65+50		0.00			18.30			0.00		
	50.00		15.60	28.9		9.15	16.94		0.00	0.00
66+00		31.20			0.00			0.00		
	50.00		23.95	44.4		0.00	0.00		1.65	3.06
66+50		16.70			0.00			3.30		
	50.00		14.20	26.3		0.00	0.00		3.55	6.57
67+00		11.70			0.00			3.80		
	50.00		7.00	13.0		0.00	0.00		1.90	3.52
67+50		2.30			0.00			0.00		
				251.1			251.5			20.5

EARTHWORK SCHEDULE (IL RTE. 50)								TOPSOIL EXCAVATION AND PLACEMENT (IL RTE. 50)		
STATION	LENGTH (FT)	CUT (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)	FILL (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)	TOP SOIL CUT (SQ FT)	AVG END AREA (SQ FT)	TOTAL (CU YD)
STAGE III										
61+00		0.00			0.00			0.00		
	50.00		0.00	0.0		0.00	0.00		0.00	0.00
61+50		0.00			0.00			0.00		
	50.00		0.00	0.0		0.00	0.00		0.00	0.00
62+00		0.00			0.00			0.00		
	50.00		0.00	0.0		0.00	0.00		0.00	0.00
62+50		0.00			0.00			0.00		
	50.00		0.00	0.0		0.00	0.00		0.00	0.00
62+70		0.00			0.00			0.00		
INTERSECTION										
64+00		0.00			0.00			0.00		
	50.00		0.00	0.0		0.00	0.00		0.00	0.00
64+50		0.00			0.00			0.00		
	50.00		0.00	0.0		0.00	0.00		0.00	0.00
65+00		0.00			0.00			0.00		
	50.00		3.40	6.3		0.00	0.00		0.00	0.00
65+50		6.80			0.00			0.00		
	50.00		3.40	6.3		0.00	0.00		0.00	0.00
66+00		0.00			0.00			0.00		
	50.00		4.90	9.1		0.00	0.00		0.00	0.00
66+50		9.80			0.00			0.00		
	50.00		14.20	26.3		0.00	0.00		0.00	0.00
67+00		0.00			0.00			0.00		
	50.00		7.00	13.0		0.00	0.00		0.00	0.00
67+50		0.00			0.00			0.00		
				60.9			0.0			0.0
EARTHWORK SCHEDULE - US ROUTE 6 - STAGE III								TOPSOIL EXCAVATION AND PLACEMENT (US RTE. 6)		
233+00		3.00			0.00			0.10		
	38.00		3.00	4.2		0.00	0.00		0.10	0.1
				4.2			0.00			0.1
EARTHWORK SCHEDULE - BOX CULVERT								TOPSOIL EXCAVATION AND PLACEMENT (BOX CULVERT)		
9+75		50.70			0.00			0.00		0.00
	8.00		77.35	22.9		0.00	0.00		0.00	0.00
9+83		104.00			0.00			0.00		0.00
	8.75		52.00	16.9		0.00	0.00		0.00	0.00
9+92		0.00			0.00			0.00		0.00
	8.00		0.00	0.0		0.00	0.00		0.00	0.00
				39.8			0.0			0.0

SUMMARY OF EARTHWORK					
LOCATION	CONSTRUCTION STAGE	EARTH EXCAVATION 20200100 (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
US ROUTE 6 (159TH STREET)	STAGE IA	287.1	244.1	314.6	-70.5
	STAGE IB	186.0	158.1	371.2	-213.1
	STAGE III	4.2	3.6	0.0	3.6
IL 50 (CICERO AVENUE)	STAGE IA	30.1	25.6	0.2	25.4
	STAGE II	251.1	213.5	251.5	-38.0
	STAGE III	60.9	51.8	0.0	51.8
BOX CULVERT	STAGE IA	39.8	33.8	0.0	33.8
		859.2			-207

NO BORROW OR FURNISHED EXCAVATION PROVIDED BECAUSE THE EARTHWORK SHORTAGE WILL BE MADE UP BY THE EXCAVATED MATERIAL FROM THE PROPOSED BOX CULVERT CONSTRUCTION.

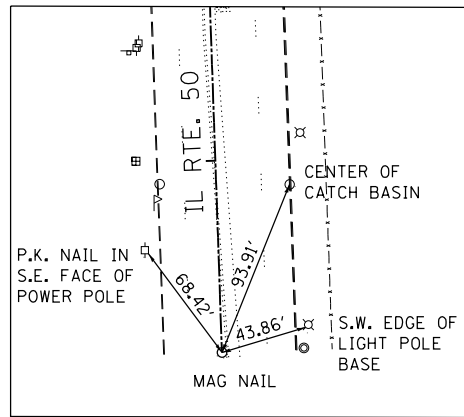


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PLOT SCALE = 2.0000' / in.	DRAWN - AB	REVISED -
PLOT DATE = 6/30/2017	CHECKED - JMT	REVISED -
	DATE - 6/30/2017	REVISED -

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DEPARTMENT OF TRANSPORTATION**

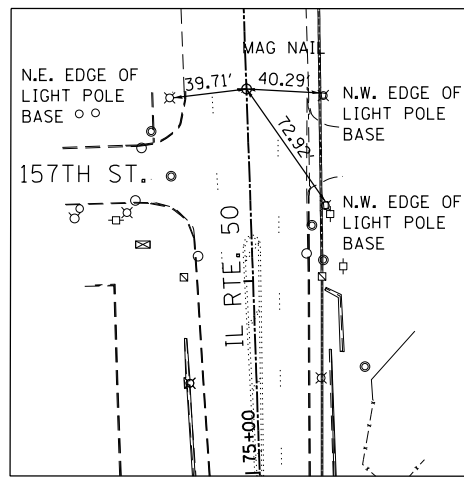
SCHEDULE OF QUANTITIES			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	31
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				



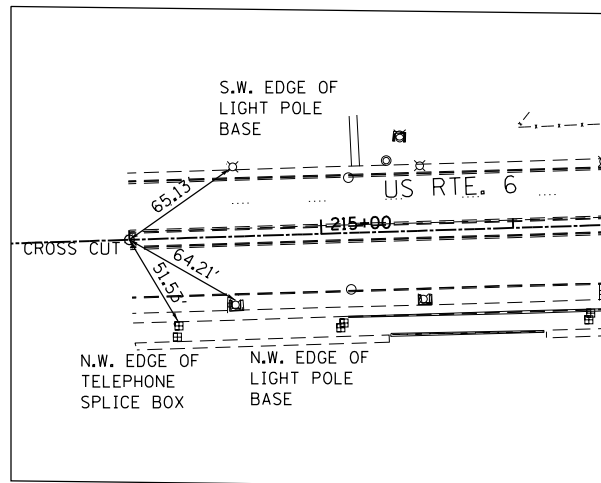
**CENTERLINE TIE
IL RTE. 50 (CICERO AVE.)**

BEGIN PROJECT
MAG NAIL
STA. 47+00.01
N 1796961.94
E 1147540.36



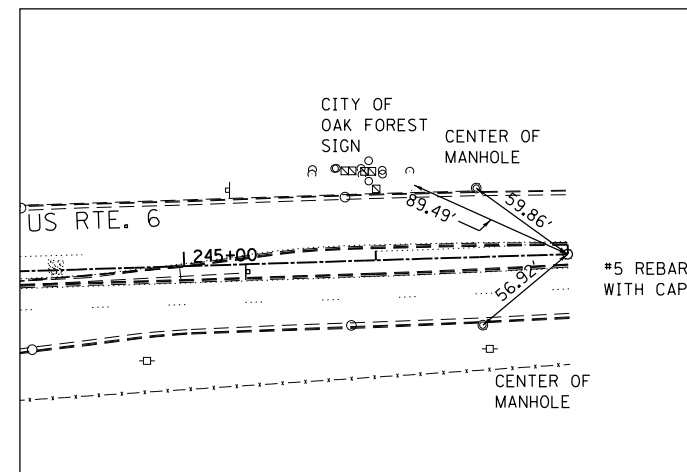
**CENTERLINE TIE
IL RTE. 50 (CICERO AVE.)**

END PROJECT
MAG NAIL
STA. 76+99.99
N 1799960.14
E 1147436.69



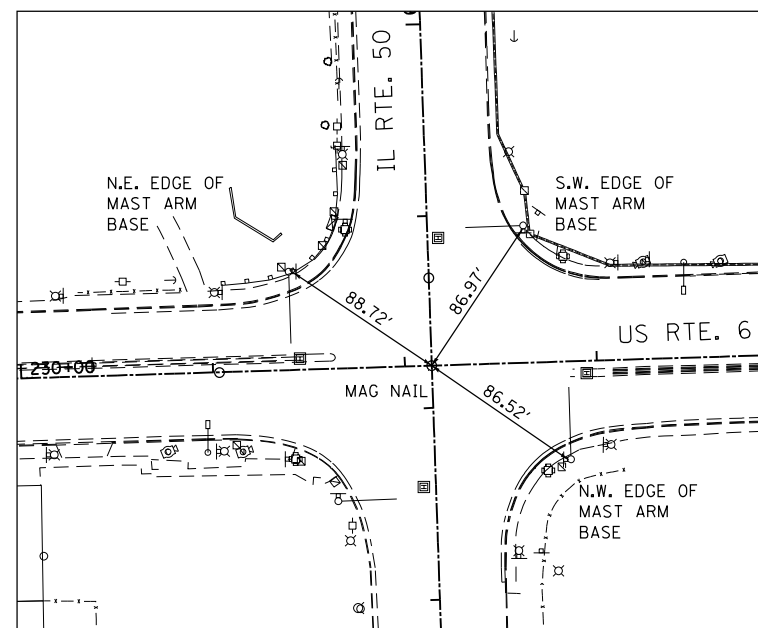
**CENTERLINE TIE
US RTE. 6 (159TH ST.)**

BEGIN PROJECT
CROSS CUT
STA. 213+99.98
N 1798526.71
E 1145671.16



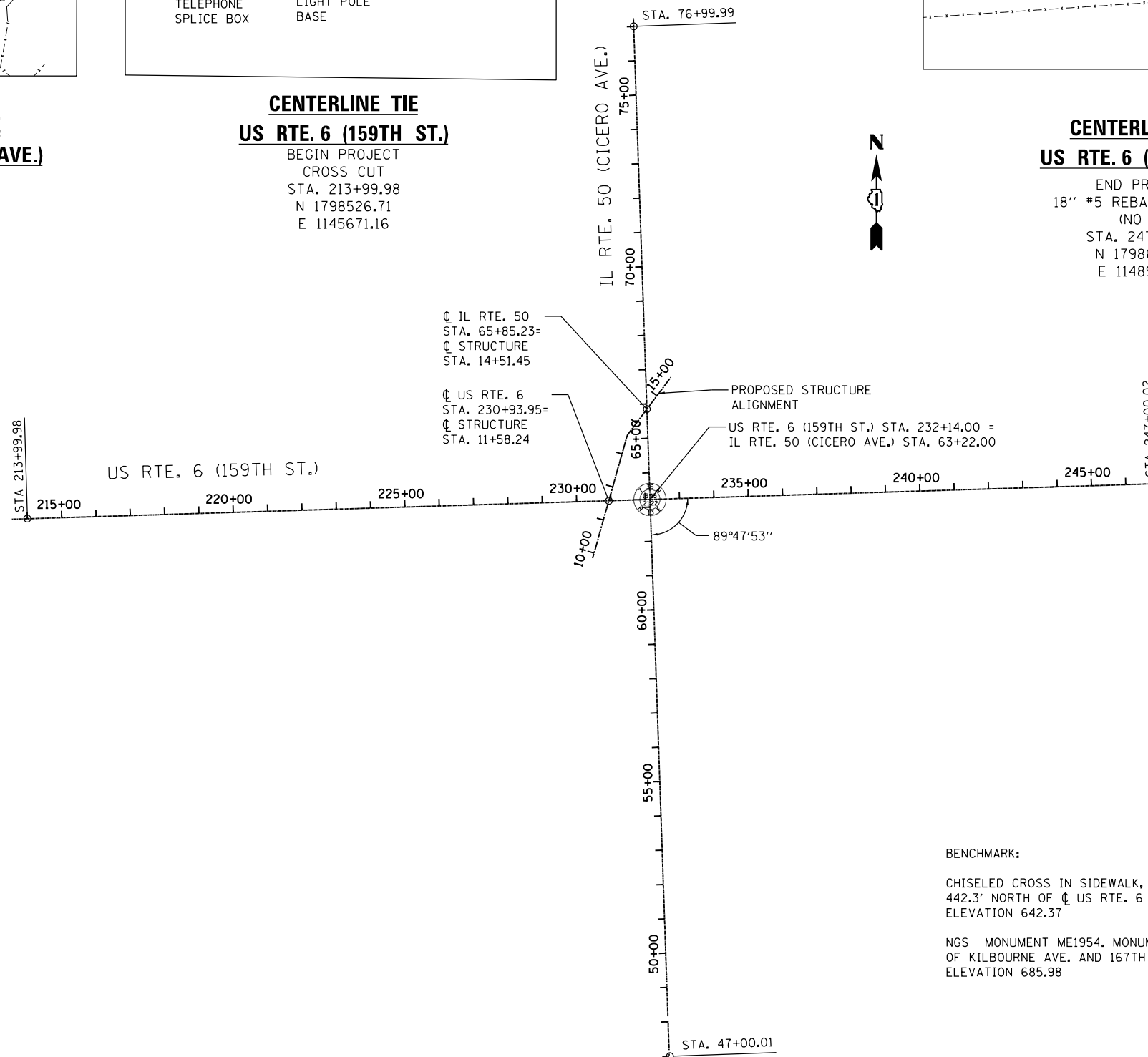
**CENTERLINE TIE
US RTE. 6 (159TH ST.)**

END PROJECT
18" #5 REBAR WITH CAP
(NO ID)
STA. 247+00.02
N 1798629.08
E 1148969.61



**CENTERLINE TIE
US RTE. 6 (159TH ST.)
IL RTE. 50 (CICERO AVE.)**

MAG NAIL
STA. 232+14.00 (US RTE. 6)
STA. 63+22.00 (IL RTE. 50)
N 1798582.97
E 1147484.31



BENCHMARK:

CHISELED CROSS IN SIDEWALK, 38.9' WEST OF CL IL RTE. 50 (CICERO AVE.) AND 442.3' NORTH OF CL US RTE. 6 (159TH ST.).
ELEVATION 642.37

NGS MONUMENT ME1954. MONUMENT IS 0.25 MILES WEST OF THE INTERSECTION OF KILBOURNE AVE. AND 167TH ST. IN THE SOUTH END OF THE OPEN FIELD.
ELEVATION 685.98

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\C.v1\DI60K73-Sht-ATB.dgn



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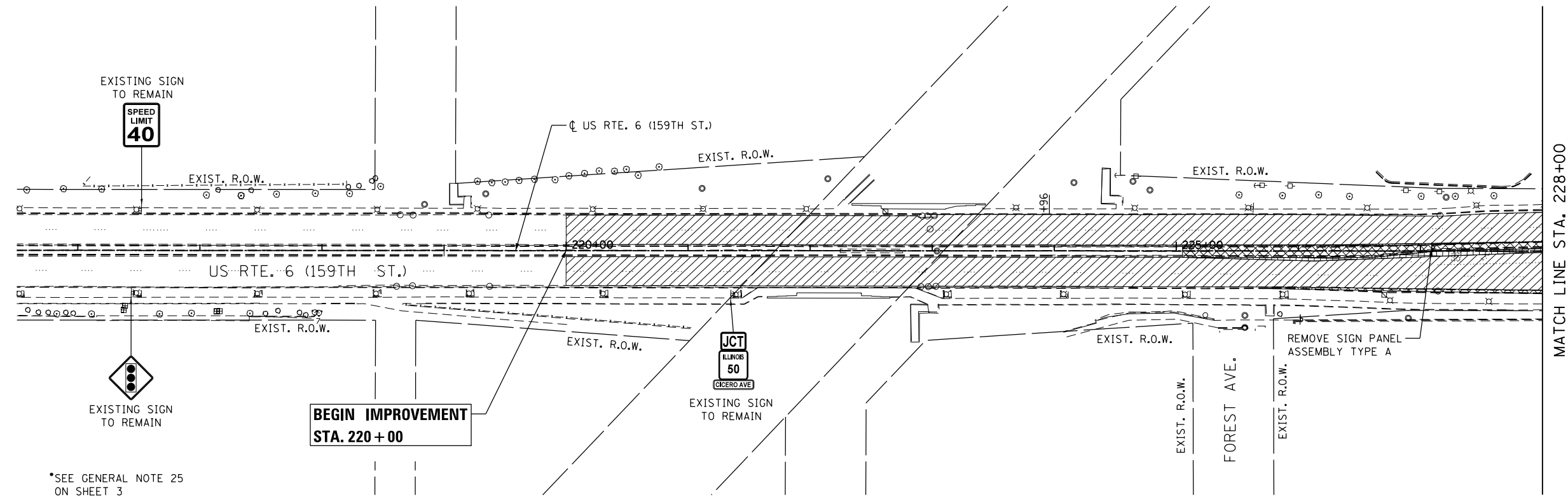
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES AND BENCHMARKS
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	32
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = Q:\Engineering\Live\Projects\13003 IDOT DUR\13003 - W0 3 Contract No. 60K73\CADD\CADD Sheets\CV1\DI60K73-sht-Removal-US-6.dgn



*SEE GENERAL NOTE 25 ON SHEET 3

BEGIN PAVEMENT RECONSTRUCTION STA. 230 + 38

STOP SIGN TO REMAIN

RELOCATE SIGN PANEL-TYPE 1 TO TEMPORARY POST PRIOR TO LIGHT POLE REMOVAL

REMOVE SIGN PANEL-TYPE 1

REMOVE SIGN PANEL-ASSEMBLY TYPE A (2)



MATCH LINE STA. 228+00

DO NOT BLOCK INTERSECTION

REMOVE SIGN PANEL-ASSEMBLY TYPE 1

RELOCATE SIGN PANEL-ASSEMBLY TYPE A

REMOVE SIGN PANEL-TYPE 1

REMOVE SIGN PANEL-TYPE 1 (2)

RED LIGHT CAMERA HARDWARE REMOVAL BY OTHERS

EXIST. R.O.W.

CHAIN LINK GATES REMOVAL (2)

CHAIN LINK FENCE REMOVAL (L=125 FT)

OAK AVE.

RED LIGHT PHOTO ENFORCED RELOCATE SIGN PANEL-TYPE 1

PROP. TEMP. EASEMENT

RELOCATE SIGN PANEL-TYPE 1 (4) TO TEMPORARY POST PRIOR TO REMOVAL OF LIGHT POLE

EXIST. R.O.W.

IL RTE. 50 (CICERO AVE.)

EXIST. R.O.W.

GUARDRAIL REMOVAL (L=114')

EXIST. R.O.W.

EXIST. R.O.W.

END PAVEMENT RECONSTRUCTION STA. 231 + 47

EXISTING SIGN TO REMAIN



IL 50

RED LIGHT CAMERA HARDWARE REMOVAL BY OTHERS

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

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EXIST. R.O.W.

EXISTING SIGN TO REMAIN



ONLY

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

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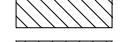
EXIST. R.O.W.

EXIST. R.O.W.

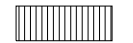
EXIST. R.O.W.



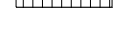
COMBINATION CURB AND GUTTER REMOVAL, MEDIAN REMOVAL OR CONCRETE MEDIAN SURFACE REMOVAL



SIDEWALK REMOVAL/BIKE PATH REMOVAL



HOT MIX ASPHALT SURFACE REMOVAL, 2 3/4"



DRIVEWAY PAVEMENT REMOVAL



PAVEMENT REMOVAL



TREE REMOVAL



STUMP REMOVAL ONLY

LEGEND

END IMPROVEMENT STA. 237 + 57

EXISTING SIGN TO REMAIN



SPEED LIMIT 40

EXISTING SIGN TO REMAIN

JCT ILLINOIS 50 (CICERO AVE)

EXIST. R.O.W.

EXIST. R.O.W.

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EXIST. R.O.W.

NOTE: SEE DRAINAGE TABLES FOR DRAINAGE REMOVAL ITEMS.

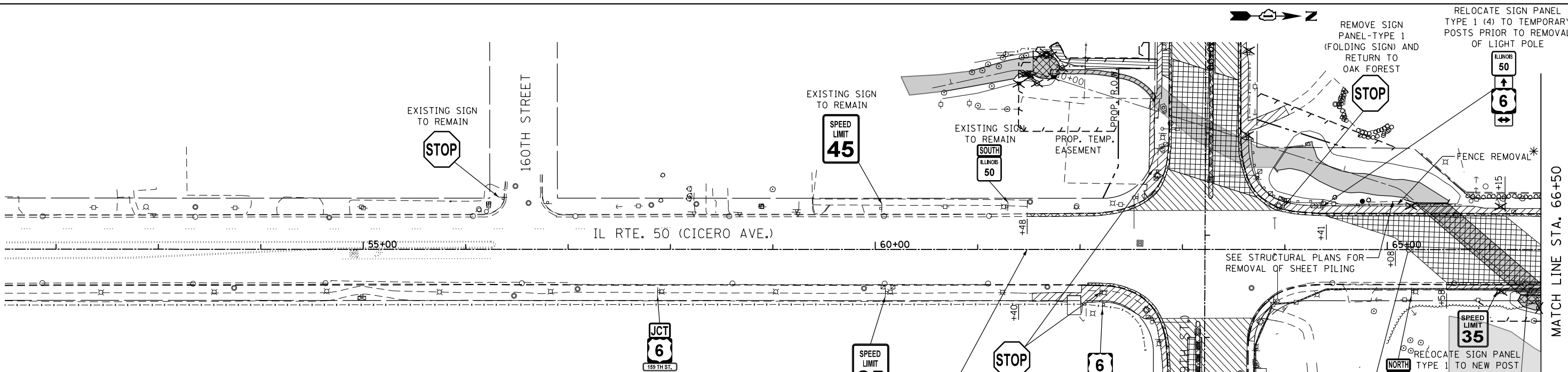


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PLOT SCALE = 100.0000' / 1"	DRAWN - JN	REVISED -
PLOT DATE = 6/30/2017	CHECKED - JMT	REVISED -
	DATE - 6/30/2017	REVISED -

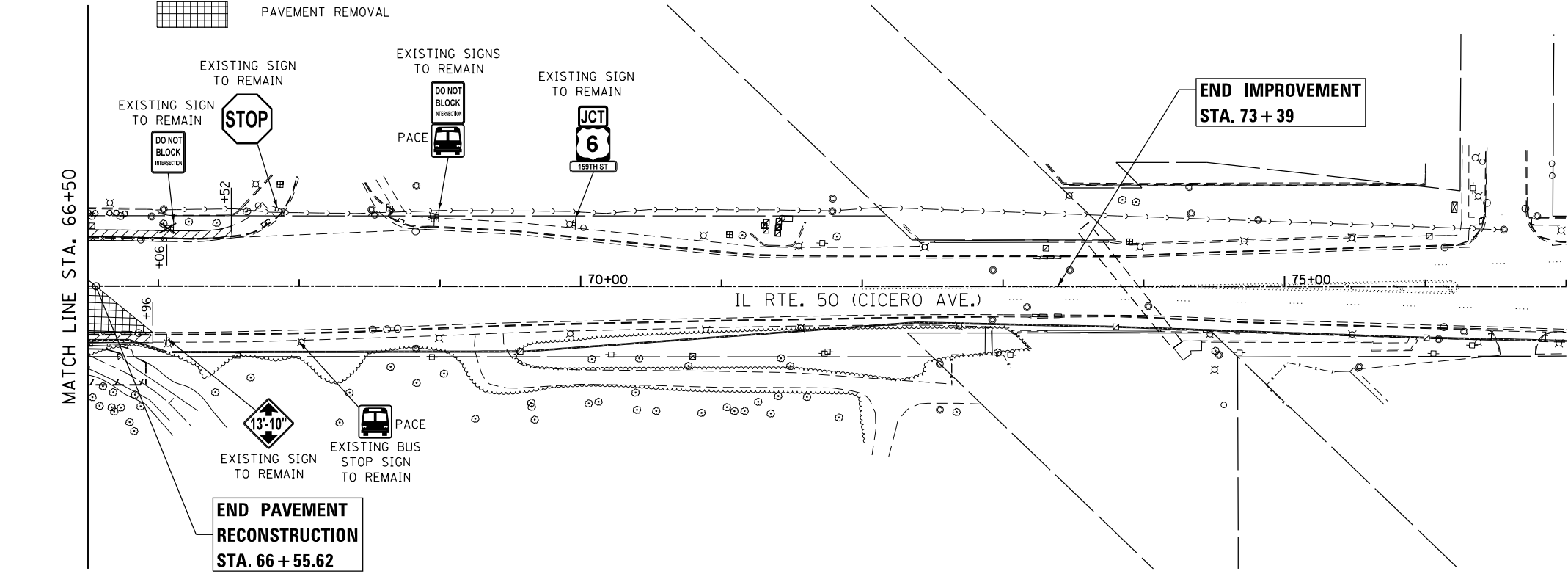
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN US RTE. 6 (159TH ST.)
SCALE: SHEET OF SHEETS STA. 215+50 TO STA. 242+00

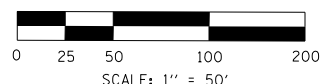
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	33
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- COMBINATION CURB AND GUTTER REMOVAL, MEDIAN REMOVAL OR CONCRETE MEDIAN SURFACE REMOVAL
 - SIDEWALK REMOVAL/BIKE PATH REMOVAL
 - HOT MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT REMOVAL
 - TREE REMOVAL
 - STUMP REMOVAL ONLY



NOTE:
SEE DRAINAGE TABLES FOR
DRAINAGE REMOVAL ITEMS.



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PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

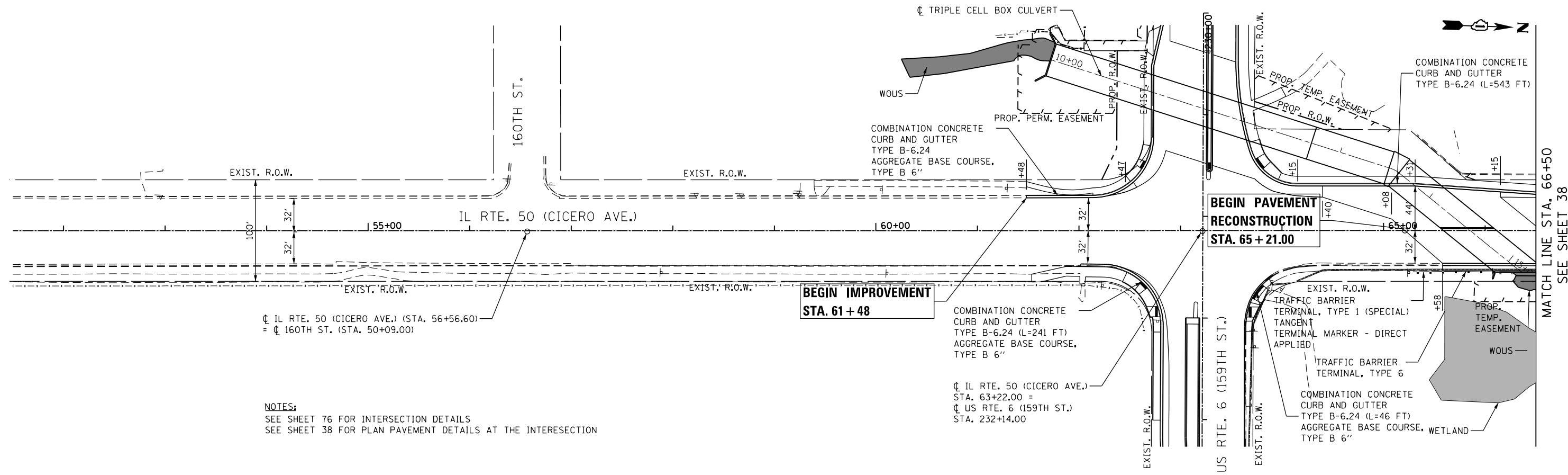
REMOVAL PLAN IL RTE. 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. 51+50 TO STA. 77+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	34
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

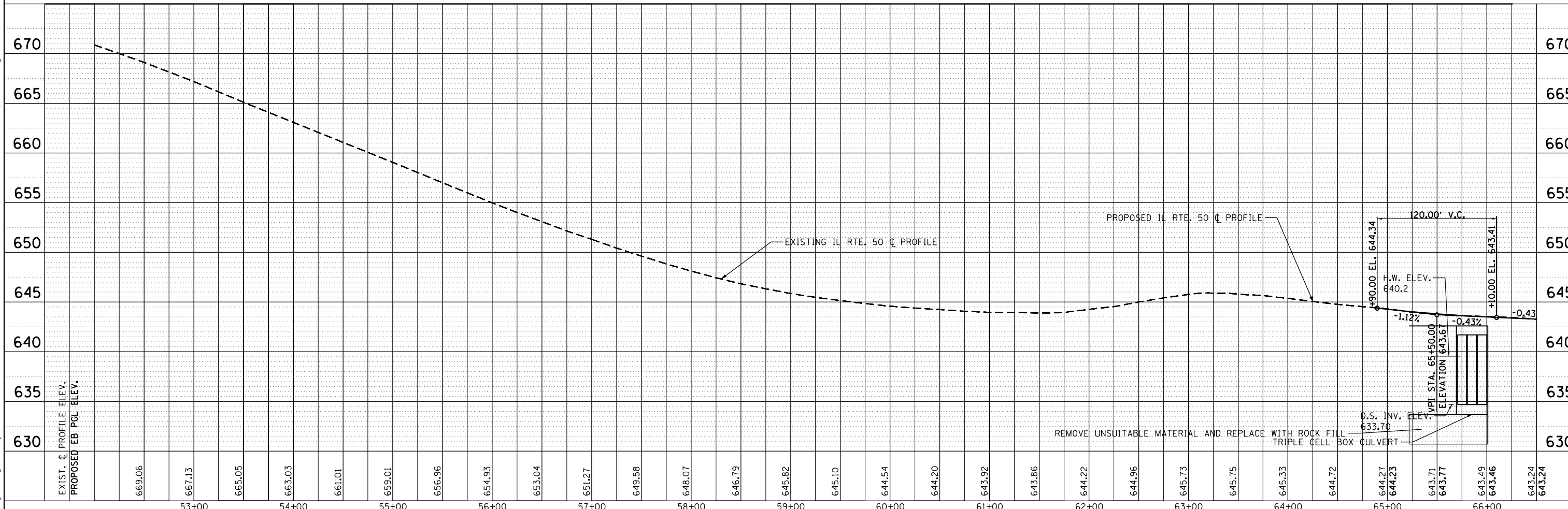
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

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

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NOTES:
SEE SHEET 76 FOR INTERSECTION DETAILS
SEE SHEET 38 FOR PLAN PAVEMENT DETAILS AT THE INTERSECTION



USER NAME = johnn	DESIGNED - AB	REVISED -
	DRAWN - JN	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISED -

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DEPARTMENT OF TRANSPORTATION

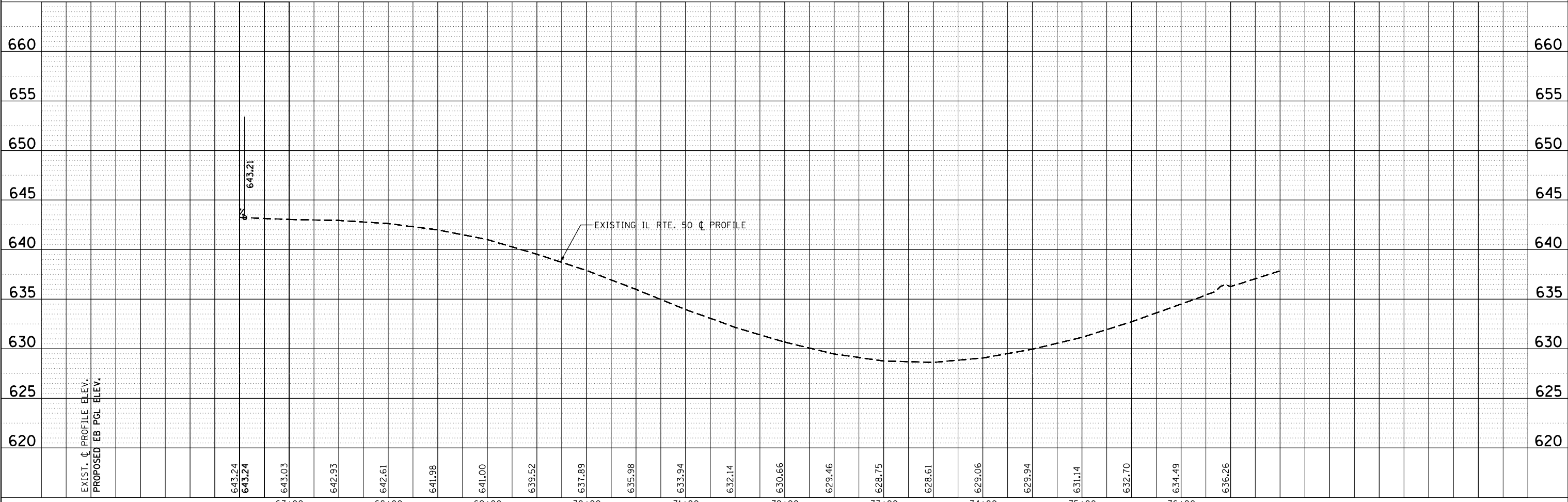
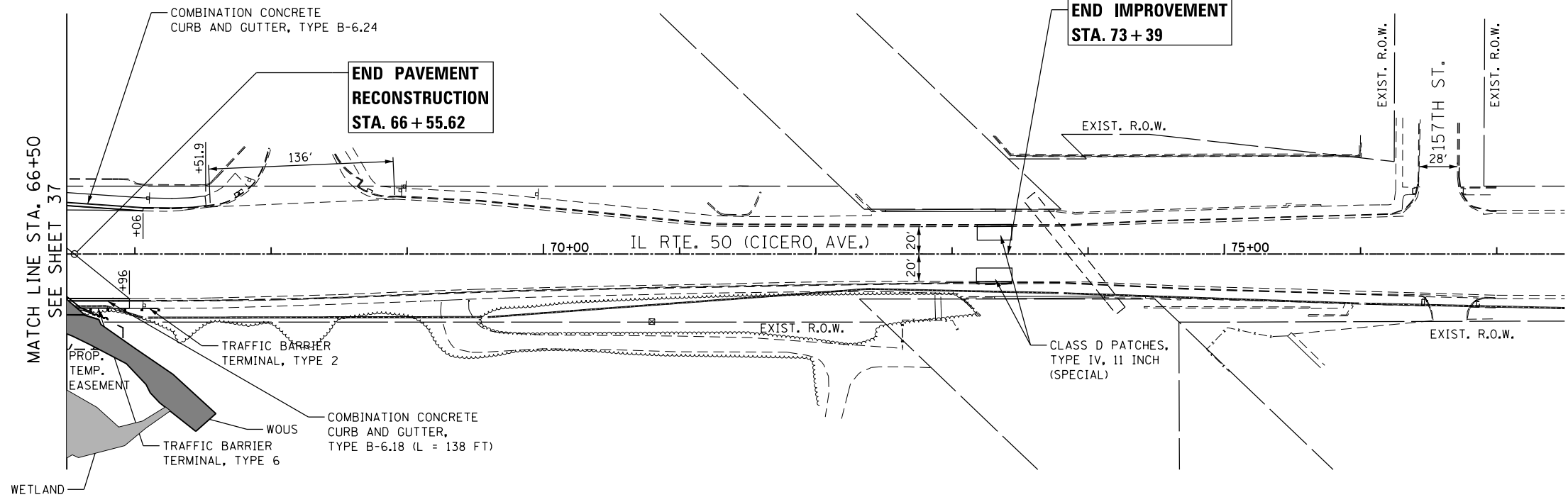
PLAN AND PROFILE IL RTE. 50 (CICERO AVE.)	
SCALE:	SHEET 1 OF 2 SHEETS STA. 51+50 TO STA. 66+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	37
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	STRUCTURE NOTATIONS CHECKED		
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 DRAWN - JN
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 DATE - 6/30/2017

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

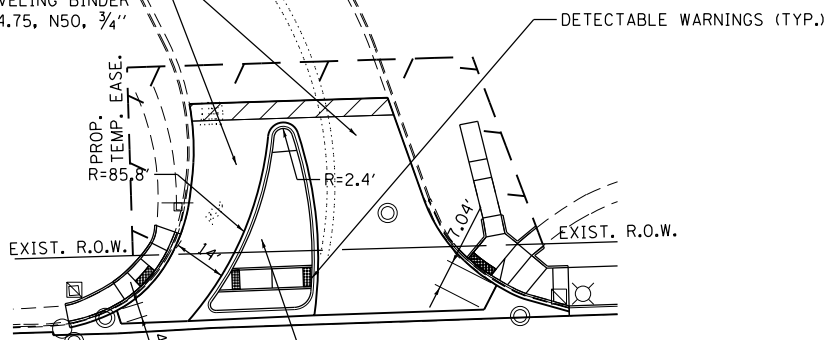
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 IL RTE. 50 (CICERO AVE.)**

SCALE: SHEET 2 OF 2 SHEETS STA. 66+50 TO STA. 77+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	38
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

HMA SURFACE COURSE, MIX "D", N50, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"



NORTH ENTRANCE OAK AVE.

*USE HMA BINDER COURSE, IL-19.0, N70 IN LIEU OF AGGREGATE SUBGRADE IMPROVEMENT, 12" ON TOP OF THE PROPOSED CULVERT UNDER IL RTE. 50 (CICERO AVE.)

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE WIDENING, 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE WIDENING, 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

PORTLAND CEMENT CONCRETE SIDEWALK, 5"
AGGREGATE BASE COURSE, TYPE B 4"

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE, 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

* POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE, 8"
HMA BINDER COURSE, IL-19.0, N70

PROPOSED TRIPLE CELL BOX CULVERT

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE, 8" (HMA BINDER IL-19.0)
HMA BINDER COURSE, IL-19.0, N70
AGGREGATE SUBGRADE IMPROVEMENT, 12"

BEGIN PAVEMENT RECONSTRUCTION STA. 230+38 (US 6)

PORTLAND CEMENT CONCRETE SIDEWALK, 5"
AGGREGATE BASE COURSE, TYPE B 4"

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE WIDENING, 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

EXIST. R.O.W.

STABILIZED MEDIAN SURFACE
AGGREGATE BASE COURSE, TYPE B, 6"

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE WIDENING, 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

PORTLAND CEMENT CONCRETE SIDEWALK, 5"
AGGREGATE BASE COURSE, TYPE B 4"

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE WIDENING, 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B, 6"

HMA DRIVEWAY PAVEMENT, 8"
AGGREGATE BASE COURSE, TYPE B, 6"

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE WIDENING, 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

END PAVEMENT RECONSTRUCTION STA. 66+55.62 (IL 50)

PORTLAND CEMENT CONCRETE SIDEWALK, 5"
AGGREGATE BASE COURSE, TYPE B 4"

BEGIN PAVEMENT RECONSTRUCTION STA. 65+21 (IL 50)

END PAVEMENT RECONSTRUCTION STA. 231+47 (US 6)

CLASS D PATCHES, TYPE I, 11 INCH
AGGREGATE BASE COURSE, TYPE B, 6"

CLASS D PATCHES, TYPE II, 11 INCH
AGGREGATE BASE COURSE, TYPE B, 6"

PORTLAND CEMENT CONCRETE SIDEWALK, 5"
AGGREGATE BASE COURSE, TYPE B 4"

US RTE. 6 (159TH ST.)

89°47'53"

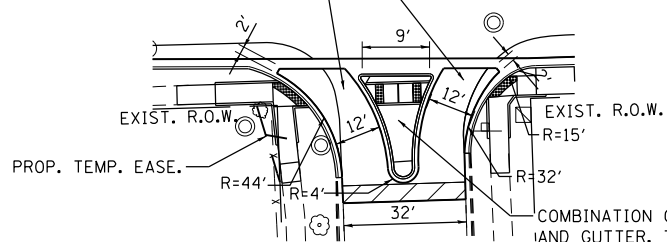
IL RTE. 50 (CICERO AVE.)
STA 63+22.00 =
US RTE. 6 (159TH ST.)
STA. 232+14.00

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"
HMA BASE COURSE WIDENING, 8"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

PORTLAND CEMENT CONCRETE SIDEWALK, 5"
AGGREGATE BASE COURSE, TYPE B 4"

POLY. HMA SURFACE COURSE, MIX "E", N70, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"

HMA SURFACE COURSE, MIX "D", N50, 2"
POLY. LEVELING BINDER (MM), IL-4.75, N50, 3/4"



SOUTH ENTRANCE OAK AVE.



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PLOT DATE = 6/30/2017	DATE - 6/30/2017	REVISED -

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PLAN PAVEMENT DETAILS AT INTERSECTION
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

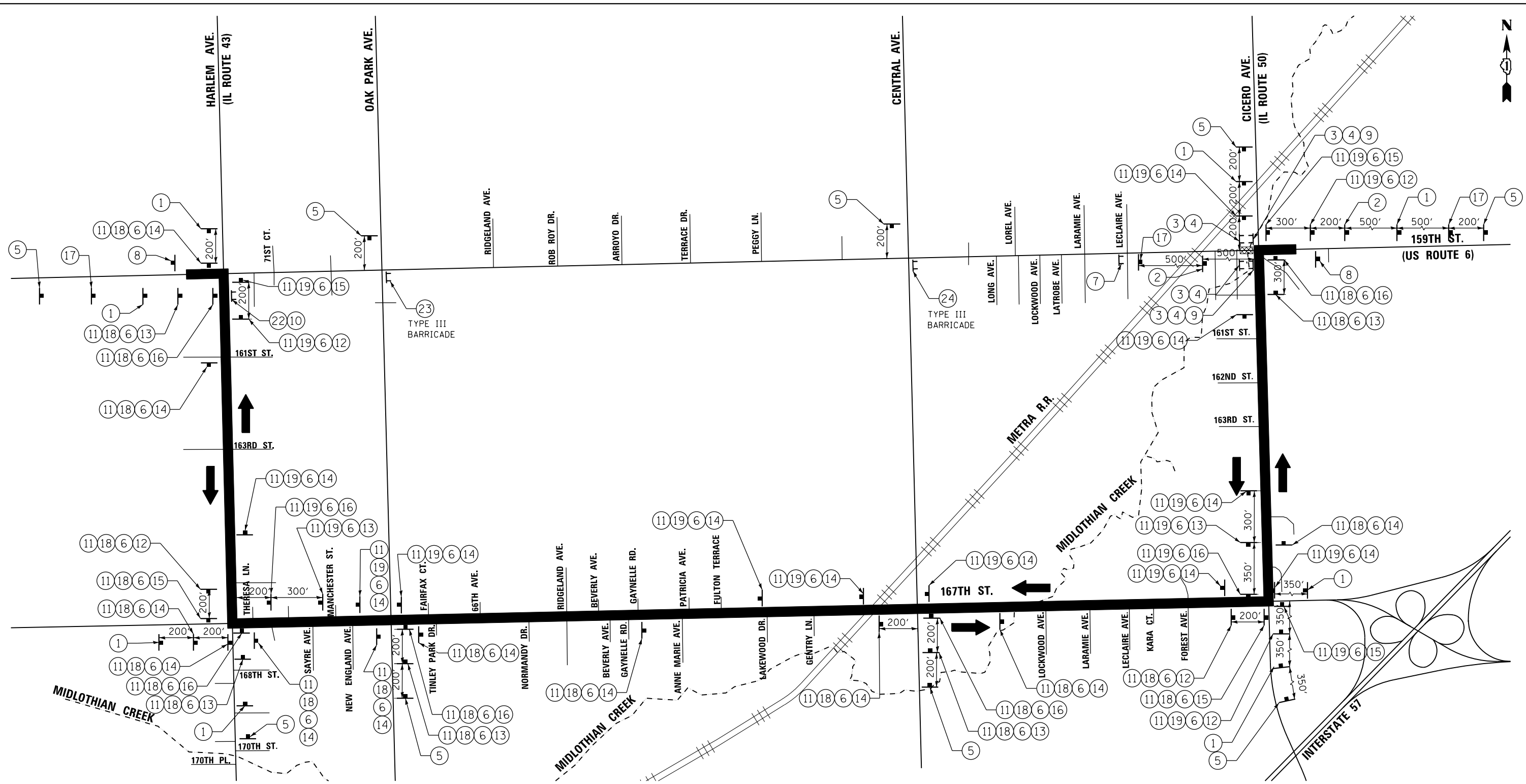
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	39
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				






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LEGEND

	PROJECT AREA FOR DETOUR
	DETOUR ROUTE
	SIGN / SIGN ASSEMBLY ON POST
	TYPE III BARRICADE WITH TWO AMBER FLASHING LIGHTS
	DIRECTION OF TRAFFIC



USER NAME = johnn	DESIGNED - AB	REVISED -
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PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISED -

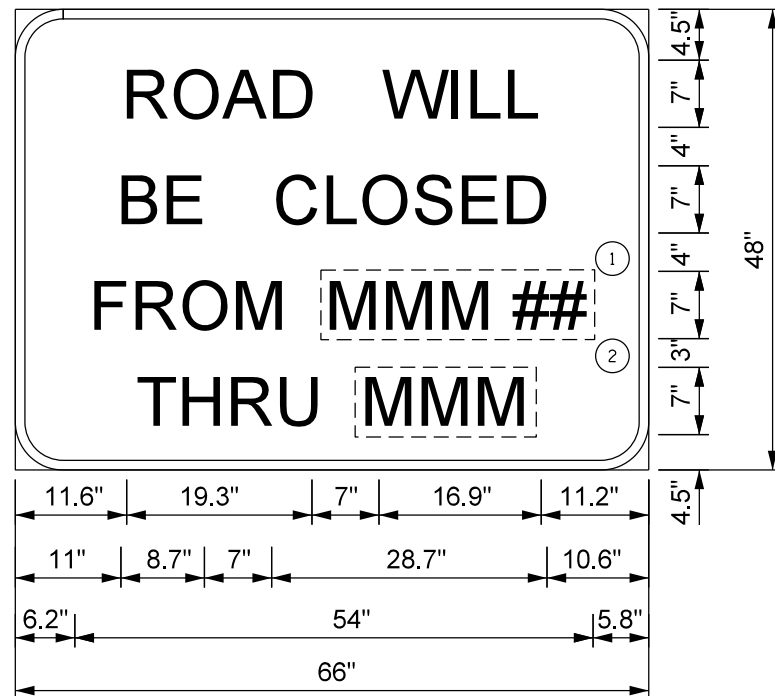
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR ROUTE US RTE. 6 (159TH ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	40
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SIGN LEGEND

①		W20-2(O) 4848	⑥		M1-40-2424	⑫		M5-1L(O) 2115	⑱		M3-2 2412
②		W20-3(O) 4848	⑦		R11-4 6030	⑬		M5-1R(O) 2115	⑲		M3-4 2412
③		R11-2 4830	⑧		M4-8A(O) 2418	⑭		M6-3(O) 2115	⑳		R3-1 2424
④		R11-2 4830	⑨		M4-10L(O) 4818	⑮		M6-1L(O) 2115	㉑		R3-2 2424
⑤		ADVISORY SIGN 6" BLACK LETTERING ON ORANGE BACKGROUND	⑩		M4-10R(O) 4818	⑯		M6-1R(O) 2115	㉒		R11-3A PER TC 21 (REVISED)
			⑪		M4-8(O) 2412	⑰		W20-3(O) 4848	㉓		R11-3A PER TC 21 (REVISED)
									㉔		R11-3A PER TC 21 (REVISED)



1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGN ASSEMBLY (POST-MOUNTED) WITH PANELS ① AND ② IN PLACE ON ROAD TO BE CLOSED IN EACH DIRECTION NEAR POINT OF CLOSURE OR WITHIN SECTION TO BE FULLY CLOSED TWO (2) WEEKS PRIOR TO START DATE OF FULL CLOSURE. REMOVE ASSEMBLY AFTER CLOSURE.
3. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
4. ONE SIGN ASSEMBLY EQUALS 27.3 SQ. FT.
5. EACH SIGN ASSEMBLY SHALL BE PAID FOR AS "TEMPORARY INFORMATION SIGNING".

NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE CITY OF OAK FOREST ONE MONTH PRIOR TO THE ROAD CLOSURE. "ROAD WILL BE CLOSED FROM MMM ## THRU MMM" SIGNAGE NEEDS TO BE IN PLACE TWO WEEKS PRIOR TO THE CLOSURE.
2. PARKWAY SPACE IS LIMITED. THE CONTRACTOR WILL ENSURE THESE SIGNS DO NOT BLOCK THE SIDEWALK OR EXTEND ONTO THE STREET.
3. SIGNS FOR THE DETOUR ARE INCLUDED IN THE CONTRACT LUMP SUM COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
4. SIGN PLACEMENT SHALL BE DONE ACCORDING TO DISTRICT STANDARDS TC-10 AND TC-21. (SEE SHEETS 127 AND 128 FOR DETAILS)
5. ALL TRAFFIC SIGNS SHALL MEET WITH THE APPROVAL OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL MEET WITH THE APPROVAL OF THE ENGINEER REGARDING LOCATION, TYPE, SIZE, NUMBER, AND DURATION.
6. FOR TYPICAL SIGN INSTALLATION - SEE HIGHWAY STANDARD 701901.
7. APPROPRIATE IDOT TRAFFIC CONTROL STANDARDS SHALL BE USED TO INSTALL AND REMOVE TRAFFIC CONTROL AND PROTECTION DEVICES.
8. FROM THE DAY OF CLOSURE, US RTE. 6 (159TH ST.) MUST REOPEN TO ALL TRAFFIC WITHIN 60 CALENDAR DAYS.

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	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR ROUTE SIGN LEGEND
US RTE. 6 (159TH ST.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	41
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

1. THE PERMANENT TRAFFIC CONTROL DEPICTED HERE IN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED IN THE HIGHWAY STANDARDS AS SHOWN IN THE INDEX OF SHEETS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL) UNLESS OTHERWISE INDICATED WITHIN THESE GENERAL NOTES, PLANS OR SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING LABOR, SIGNS AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
4. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING THE WORK.
5. THE CONTRACTOR SHALL PLACE ONE (1) PORTABLE CHANGEABLE MESSAGE SIGN AT EACH END OF THE PROJECT ALONG U.S. RTE. 6 AND IL RTE. 50 AT A LOCATION DESIGNATED BY THE ENGINEER TO INFORM MOTORISTS OF THE UPCOMING ROAD CLOSURE A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE ROAD CLOSURE ON U.S. RTE. 6 AND ANY SUBSEQUENT STAGE CHANGE ON IL RTE. 50. THE MESSAGE SHALL BE APPROVED BY THE ENGINEER. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY FOR CHANGEABLE MESSAGE SIGN.
6. WORK ZONE SPEED LIMIT SHALL BE 40 MPH ON U.S. RTE. 6 AND 35 MPH ON IL RTE. 50.
7. DRUMS OR TYPE II BARRICADES AND DIRECTIONAL BARRICADES SHALL BE PROVIDED AS SHOWN IN THE PLANS AND SPACED AT 25 FEET CENTER TO CENTER THRU THE FULL LENGTH OF THE CONSTRUCTION WORK ZONE. ALL DRUMS AND DIRECTIONAL BARRICADES SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS IN MULTILANE SECTIONS, IN 2 LANE, 2 WAY SECTIONS THE LIGHTS SHALL BE BI-DIRECTIONAL.
8. ALL ROAD CONSTRUCTION AHEAD SIGNS, ROAD CLOSED AHEAD SIGNS AND TYPE III BARRICADES SHALL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS.
9. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
10. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN.
11. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTING ANY CHANGES.
12. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL PROMPTLY RESPOND AT THE TIME OF NOTIFICATION BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
13. THE ENGINEER SHALL BE INFORMED A MINIMUM OF 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN.
14. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER SEVEN (7) DAYS OF SERVICE SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO SEVEN (7) DAYS OF SERVICE OR REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
15. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3" X 6" DELINEATOR INSTALLED, COST OF THE DELINEATOR IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
16. TEMPORARY CONCRETE BARRIERS AND TEMPORARY IMPACT ATTENUATORS SHALL BE PLACED AS SHOWN IN THE PLANS. FURNISHING, INSTALLING AND RELOCATING TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS SHALL BE IN ACCORDANCE WITH IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.
17. TEMPORARY CONCRETE BARRIER WALL SHALL BE CONTINUOUSLY PINNED TO THE PAVEMENT IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION WHERE A 3.5 FOOT CLEAR ZONE FREE FROM DROP-OFFS, FIXED OBJECTS, OR OTHER OBSTACLES CANNOT BE PROVIDED FOR BEHIND THE WALL. ANY HOLES LEFT IN THE EXISTING PAVEMENT AREAS THAT ARE NOT TO BE RESURFACED SHALL BE FILLED WITH A NON SHRINK GROUT TO THE SURFACE OF THE EXISTING PAVEMENT. THE FILLING OF ANY HOLES SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER.
18. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED, DAMAGED OR OTHERWISE AFFECTED BY CONSTRUCTION.
19. THE CONTRACTOR SHALL MAINTAIN THE EXISTING PEDESTRIAN CROSSINGS AND WALKWAYS TO THE BEST OF THEIR ABILITY. ANY SIDEWALKS OR PATHS THAT NEED TO BE CLOSED SHALL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701801.
20. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE AND EROSION CONTROL PROTECTION DURING ALL PHASES OF CONSTRUCTION.
21. DAYTIME LANE CLOSURES ARE ONLY ALLOWED FROM 9:00AM TO 3:00PM.
22. A PORTION OF THE MEDIAN, AS SHOWN IN THE PLANS, WILL BE CONSTRUCTED AFTER BOTH ENTRANCES TO OAK AVE. ARE CONSTRUCTED AND OPEN TO TRAFFIC.
23. CONSTRUCTION OF OAK AVE. ISLANDS, CURB & GUTTER RETURNS, AND PAVEMENTS ARE ONLY PERMITTED FROM 9:00AM-3:00PM MONDAY-FRIDAY AND ALL DAY SATURDAY AND SUNDAY.
24. TEMPORARY SIDEWALK SHALL BE USED, AS NECESSARY, IN LOCATIONS SPECIFIED BY THE RESIDENT ENGINEER.
25. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS THROUGH THE PROJECT AREA DURING CONSTRUCTION. PARTICULAR ATTENTION IS CALLED TO PROVIDING CONTINUOUS PEDESTRIAN ACCESS BETWEEN THE METRA STATION ON THE NORTHSIDE OF U.S. RTE. 6 (159TH ST.) AND THE COMMUTER PARKING LOT AT THE SW CORNER OF U.S. RTE. 6 (159TH ST.) AND OAK AVE.

SUGGESTED SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC

THE FOLLOWING SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC IS SUGGESTED. VARIATIONS MAY BE MADE WITH THE APPROVAL OF THE ENGINEER.

FOR EACH STAGE OF CONSTRUCTION, PROVIDE TRAFFIC CONTROL AS SHOWN ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS. COORDINATE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES WITH THE EXISTING TRAFFIC PATTERNS AT THE ENDS OF THE PROJECT.

SEQUENCE OF CONSTRUCTION:

PRE-STAGE I

1. INSTALL PORTABLE CHANGEABLE MESSAGE SIGNS AS DIRECTED BY THE ENGINEER.
2. INSTALL EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS.
3. INSTALL TEMPORARY TRAFFIC SIGNALS WITH INTERCONNECTS.

STAGE IA

1. ERECT DETOUR SIGNAGE AND INSTALL STAGE IA TRAFFIC CONTROL.
2. REVIEW TRAFFIC CONDITIONS AT EXISTING SIGNALIZED INTERSECTIONS AND ADJUST SIGNAL TIMINGS AS NECESSARY.
3. CONSTRUCT NEW CULVERT TO MANDATORY CONSTRUCTION JOINT.
4. CONSTRUCT PAVEMENT WIDENING ALONG THE OUTSIDE EB LANE OF U.S. RTE. 6 INCLUDING DRAINAGE, CURB & GUTTER, ROADWAY PAVEMENT, TRAFFIC SIGNAL ITEMS, SIDEWALKS, AND OTHER APPURTENANCES.
5. REMOVE AND REPLACE 6 DRAINAGE STRUCTURES ALONG U.S. RTE. 6 BETWEEN STA. 222+89 AND STA. 223+05.

STAGE IB

1. INSTALL STAGE IB TRAFFIC CONTROL.
2. CONTINUE NEW CULVERT CONSTRUCTION.
3. REMOVE AND RECONSTRUCT MEDIAN BETWEEN THE EB AND WB LANES OF U.S. RTE. 6 INCLUDING CURB & GUTTER, ROADWAY PAVEMENT, TRAFFIC SIGNAL ITEMS, AND OTHER APPURTENANCES.
4. REMOVE AND REPLACE 3 DRAINAGE STRUCTURES ALONG IL RTE. 50 BETWEEN RT STA. 73+22 AND RT STA. 73+40.

STAGE II

1. REMOVE DETOUR SIGNS, RESTORE TRAFFIC SIGNAL TIMINGS TO PRECONSTRUCTION TIMING SEQUENCES ALONG DETOUR ROUTE, AND INSTALL STAGE II TRAFFIC CONTROL INCLUDING MODIFICATIONS TO THE TEMPORARY TRAFFIC SIGNALS.
2. INSTALL TEMPORARY SHEET PILING AS SHOWN IN THE PLANS.
3. REMOVE EXISTING CULVERT AS REQUIRED IN STAGE II.
4. CONSTRUCT NEW CULVERT FROM THE MANDATORY CONSTRUCTION JOINT IN STAGE I TO THE STAGE CONSTRUCTION LINE ON IL RTE. 50.
5. CONSTRUCT THE NEW SB IL RTE. 50 RIGHT TURN LANE INCLUDING DRAINAGE, CURB & GUTTER, ROADWAY PAVEMENT, TRAFFIC SIGNAL ITEMS, SIDEWALK, AND OTHER APPURTENANCES AS REQUIRED IN STAGE II.
6. REMOVE AND REPLACE 4 DRAINAGE STRUCTURES ALONG IL RTE. 50 BETWEEN LT STA. 73+23 AND LT STA. 73+39.

STAGE III

1. INSTALL STAGE III TRAFFIC CONTROL INCLUDING MODIFICATIONS TO THE TEMPORARY TRAFFIC SIGNALS.
2. INSTALL TEMPORARY SHEET PILING ON THE EAST SIDE OF IL RTE. 50.
3. REMOVE THE REMAINDER OF THE EXISTING CULVERT.
4. CONSTRUCT NEW CULVERT FROM THE STAGE II CONSTRUCTION LINE ON IL RTE. 50 TO THE EAST CONSTRUCTION LIMIT.
5. REMOVE TEMPORARY SHEET PILING.
6. CONSTRUCT NB IL RTE. 50 DRAINAGE, CURB & GUTTER, ROADWAY PAVEMENT, TRAFFIC SIGNAL ITEMS, SIDEWALK, AND OTHER APPURTENANCES AS REQUIRED IN STAGE III.
7. COMPLETE PERMANENT TRAFFIC SIGNAL INSTALLATION.
8. COMPLETE ALL LANDSCAPING ITEMS.
9. COMPLETE HMA RESURFACE OF U.S. RTE. 6 AND NEW PAVEMENT AREAS OF IL RTE. 50.
10. INSTALL PERMANENT STRIPING AND SIGNAGE ON U.S. RTE. 6 AND IL RTE. 50.
11. REMOVE TEMPORARY TRAFFIC SIGNALS AND INTERCONNECTS AFTER NEW PERMANENT TRAFFIC SIGNAL IS TURNED ON.

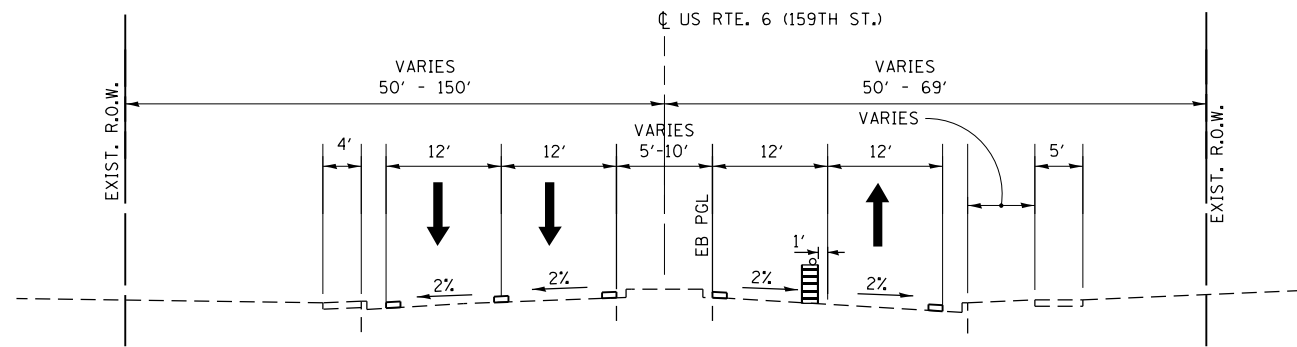
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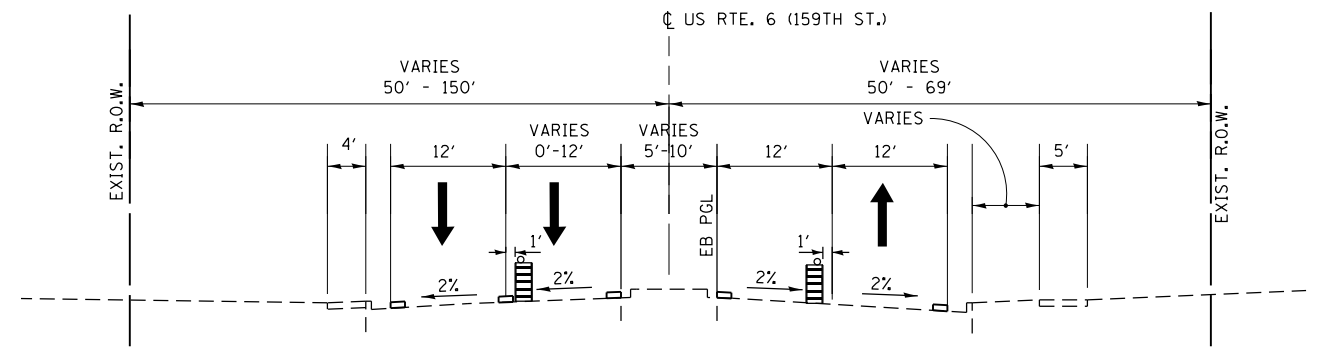
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PLOT DATE = 6/30/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC GENERAL NOTES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)		351	(537 & 3277-Z/B-1	COOK	184	42
SCALE:		SHEET OF SHEETS		STA. TO STA.	CONTRACT NO. 60K73	
				ILLINOIS FED. AID PROJECT		



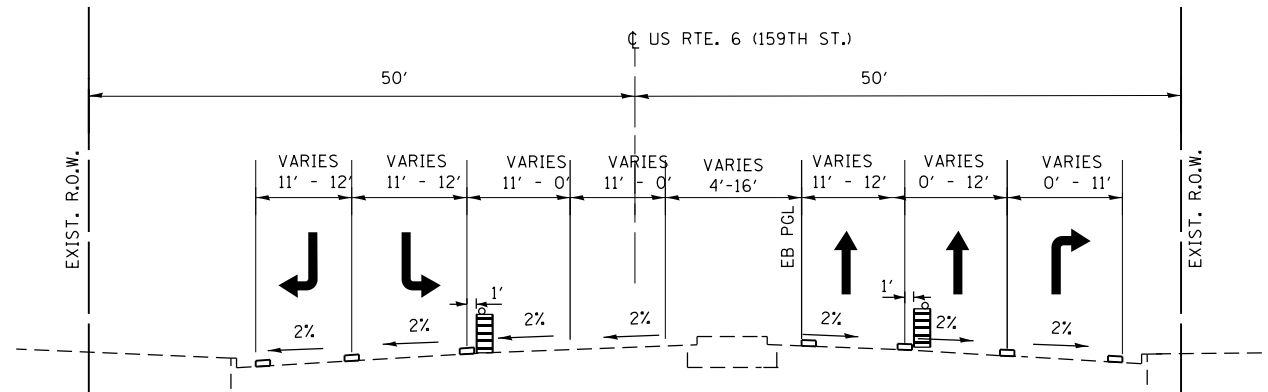
US ROUTE 6 – STAGE IA
STA. 209+25 TO STA. 229+00



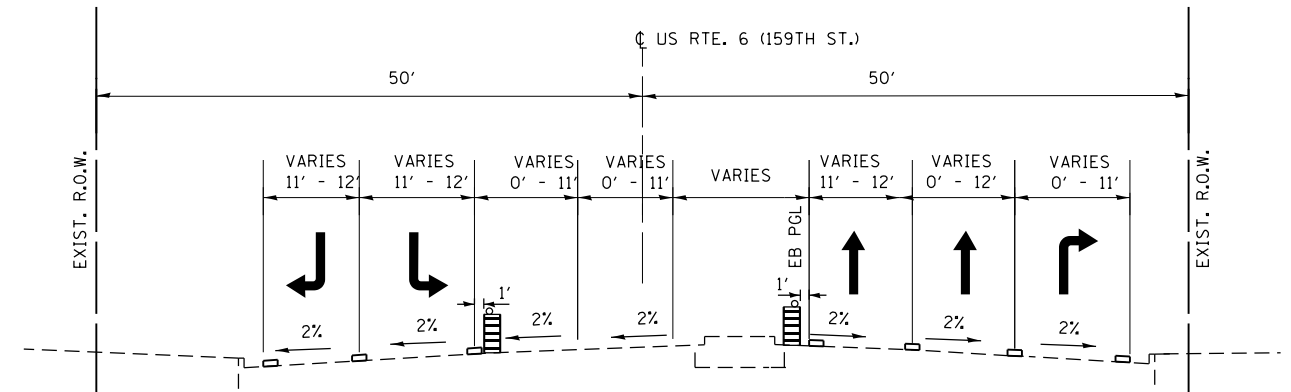
US ROUTE 6 – STAGE IB
STA. 209+25 TO STA. 229+00

NOTE: US ROUTE 6 FULLY CLOSED STA. 229+00 TO STA. 231+60

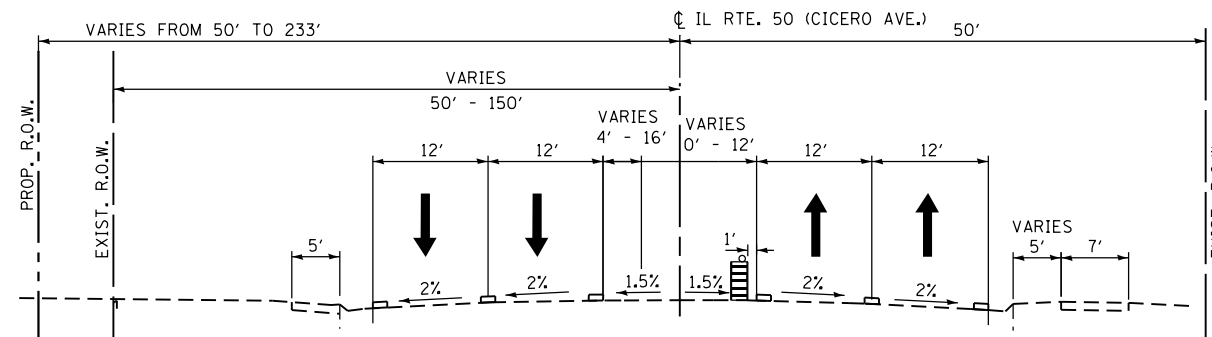
NOTE: US ROUTE 6 FULLY CLOSED STA. 229+00 TO STA. 231+60



US ROUTE 6 – STAGE IA
STA. 232+91 TO STA. 241+95



US ROUTE 6 – STAGE IB
STA. 232+91 TO STA. 241+95



ILLINOIS ROUTE 50 (CICERO AVE.)
STAGE IA AND IB TYPICAL SECTION
STA. 57+00 TO STA. 62+60

LEGEND

- TEMPORARY PAVEMENT MARKING
- TEMPORARY CONCRETE BARRIER WALL
- DRUM OR TYPE II BARRICADES WITH STEADY BURNING BI-DIRECTIONAL LIGHT AT 25' C-C SPACING
- DIRECTION OF TRAFFIC



USER NAME = johnn	DESIGNED - DH	REVISED -
	DRAWN - DH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

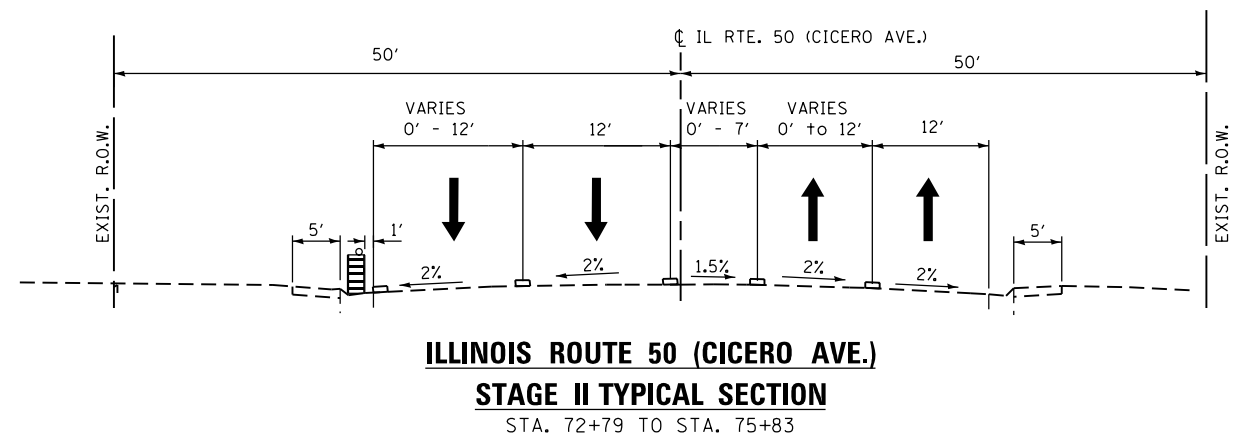
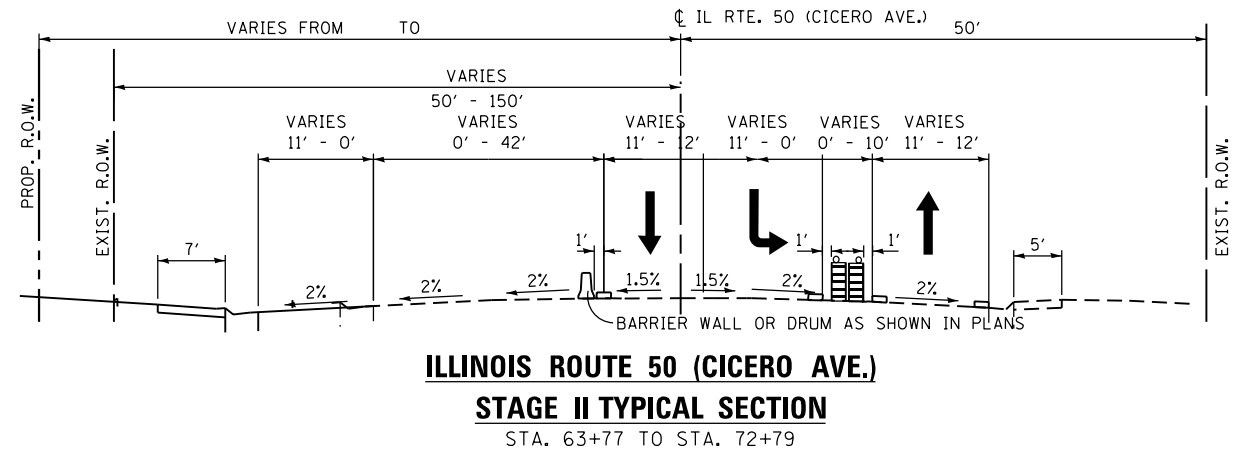
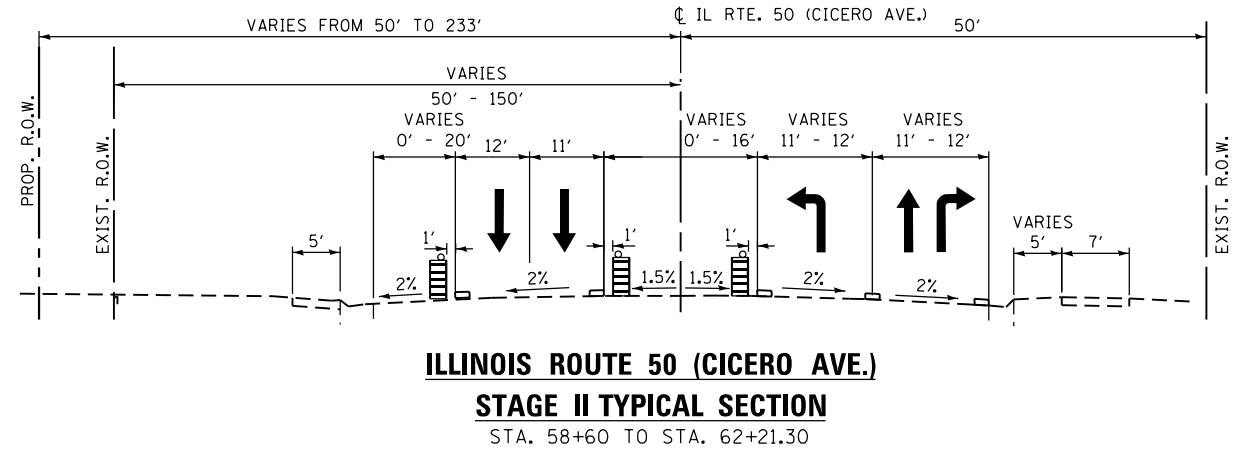
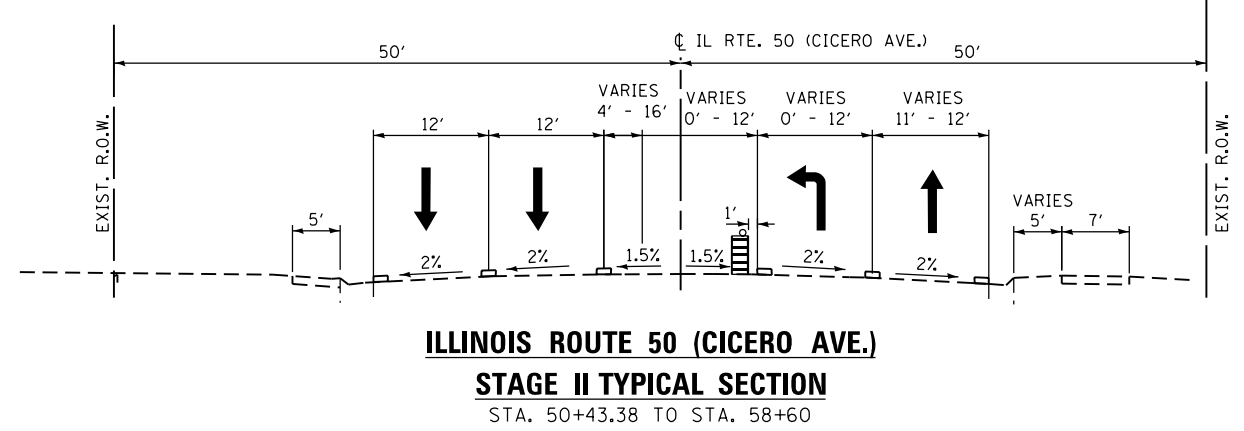
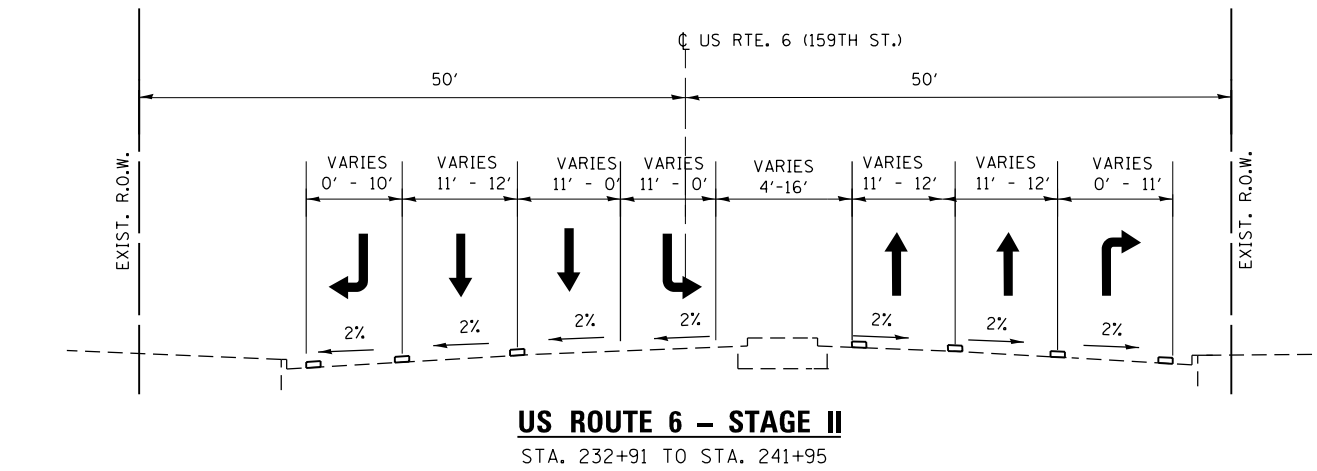
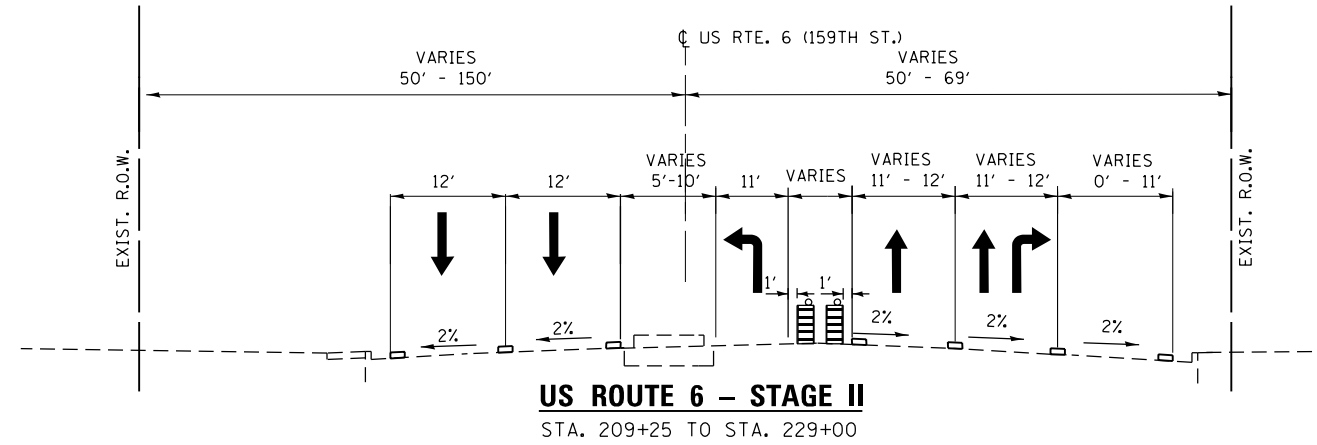
STAGE I TYPICAL SECTIONS
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	43
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DURV\3003c - WD 3 Contract No. 60K73\CADD\CADD Sheets\C.v1\160K73-shr-MOT_Typical01-5101.dgn

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - WD 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-MOT Typical\01-5162.dgn



LEGEND

- TEMPORARY PAVEMENT MARKING
- TEMPORARY CONCRETE BARRIER WALL
- DRUM OR TYPE II BARRICADES WITH STEADY BURNING BI-DIRECTIONAL LIGHT AT 25' C-C SPACING
- DIRECTION OF TRAFFIC



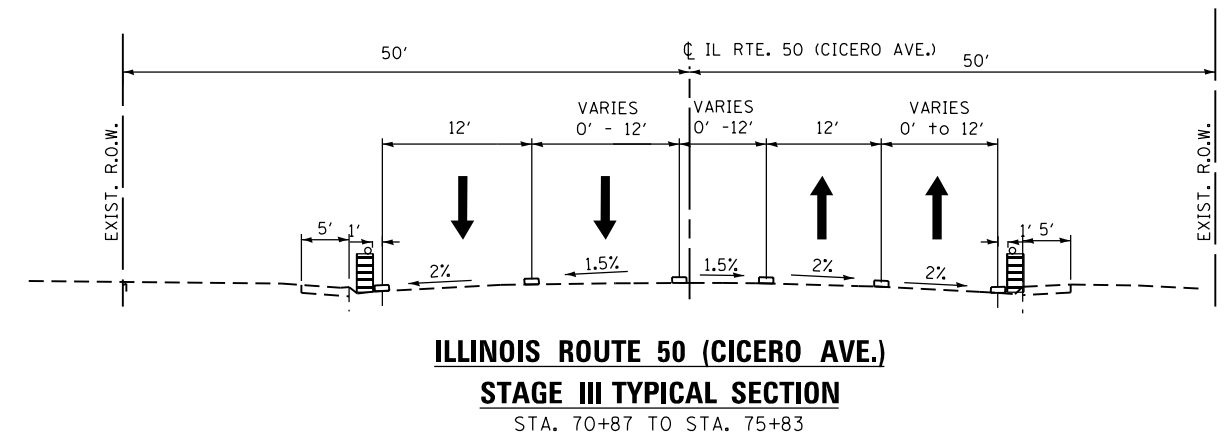
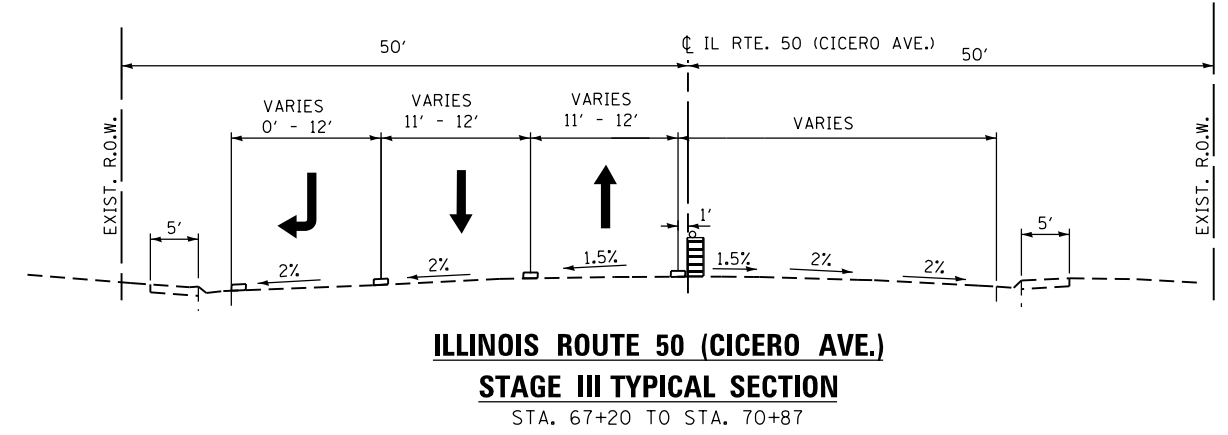
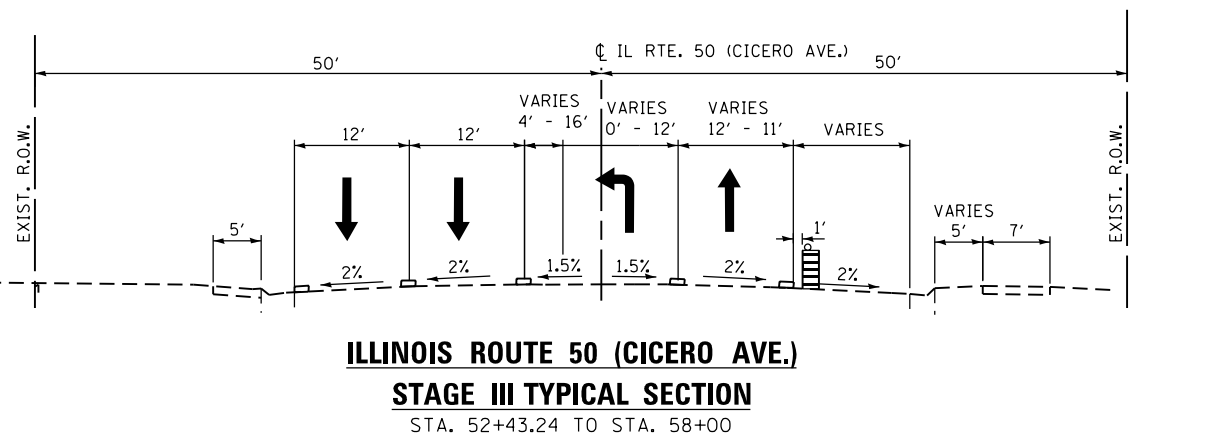
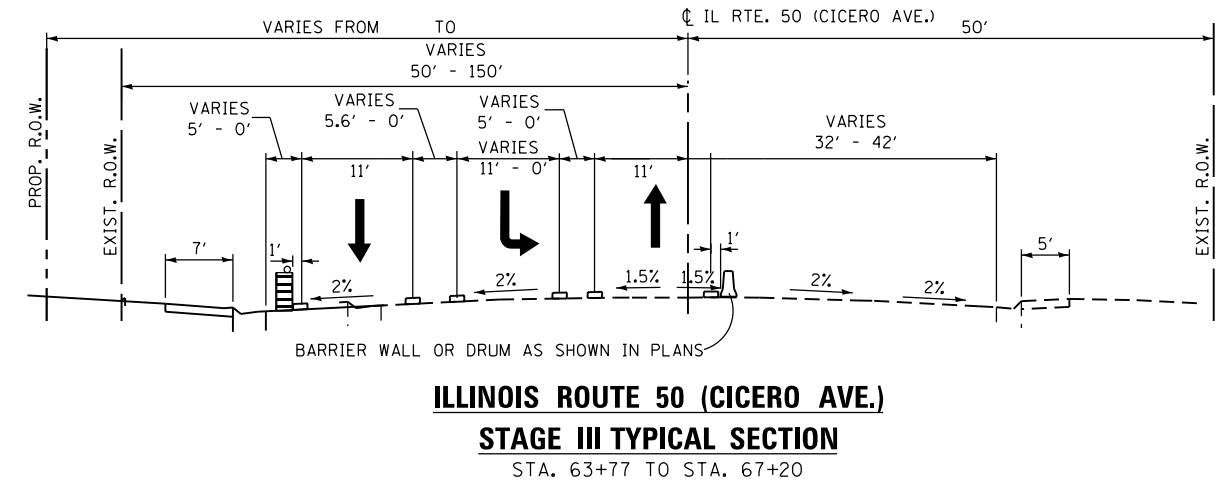
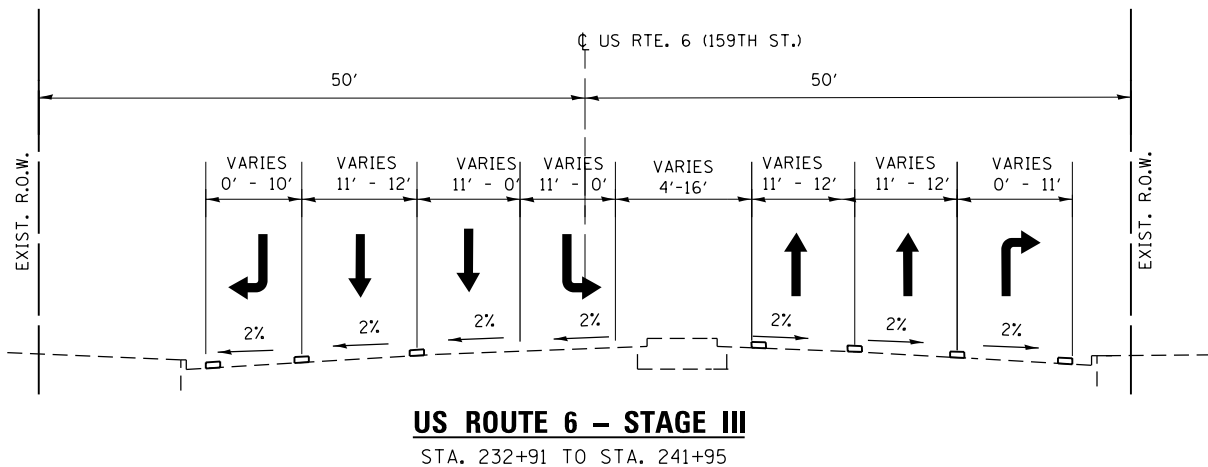
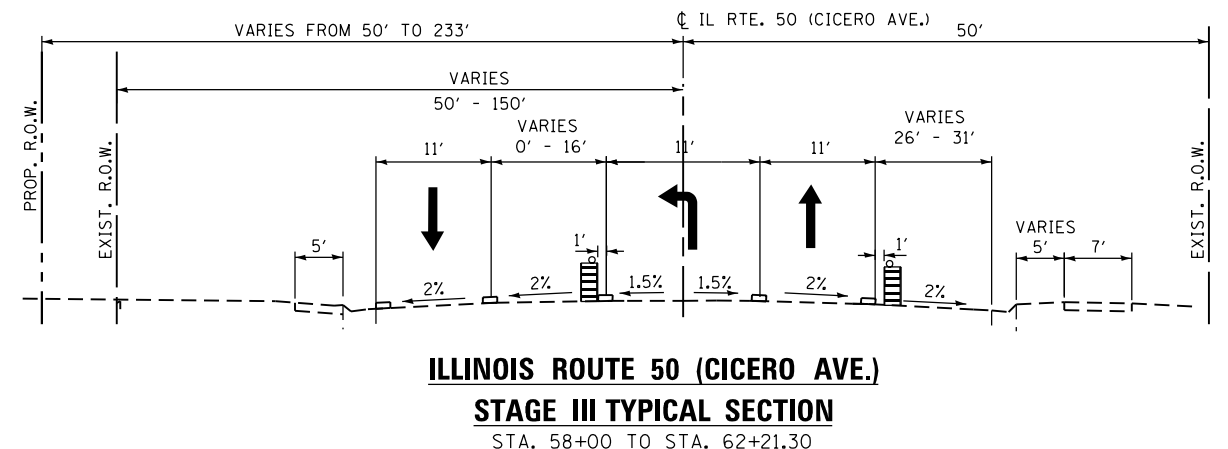
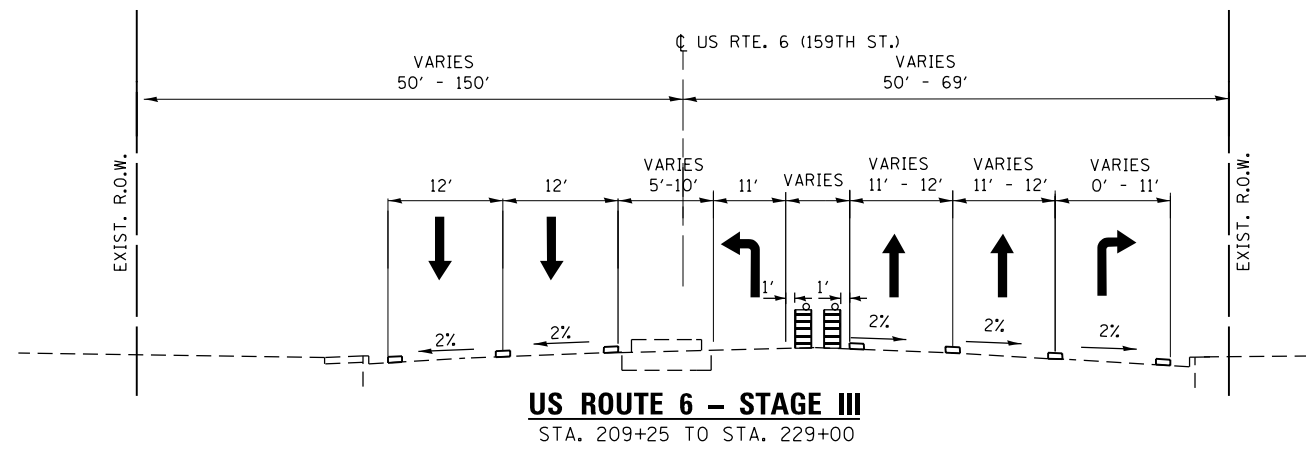
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DRAWN -	REVISOR -		
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISOR -	
PLOT DATE = 6/13/2017	DATE = 6/13/2017	REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II TYPICAL SECTIONS
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	44
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				



LEGEND

- TEMPORARY PAVEMENT MARKING
- TEMPORARY CONCRETE BARRIER WALL
- DRUM OR TYPE II BARRICADE WITH STEADY BURNING BI-DIRECTIONAL LIGHT AT 25' C-C SPACING
- DIRECTION OF TRAFFIC

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\160K73-ent-MOT_Typical01-5163.dgn



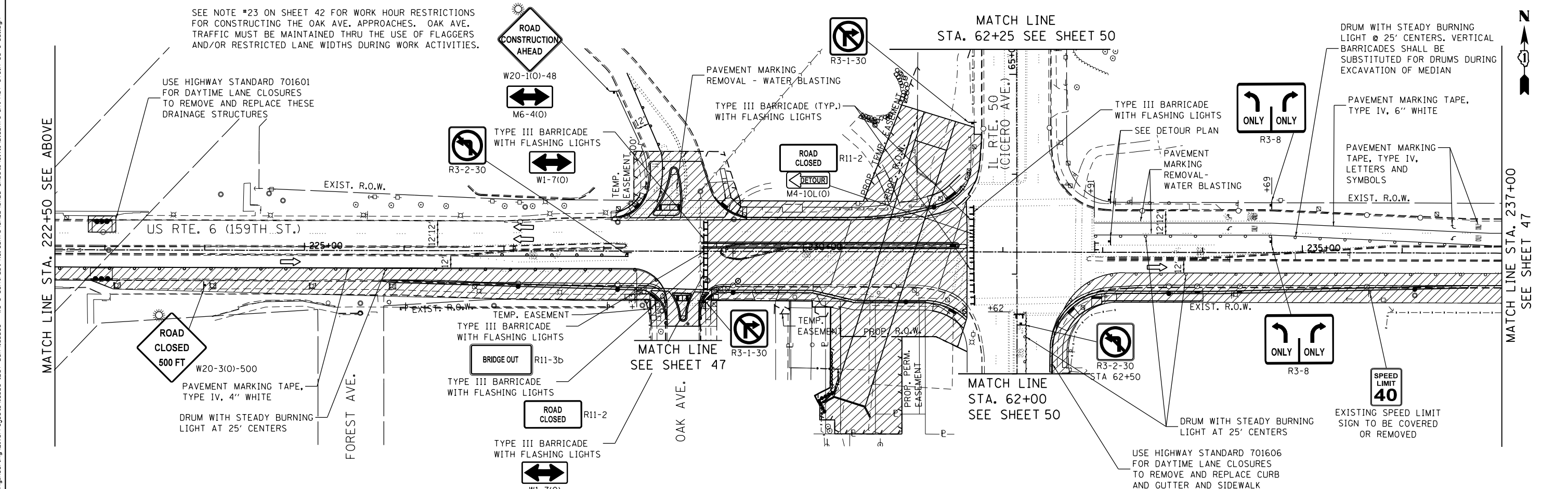
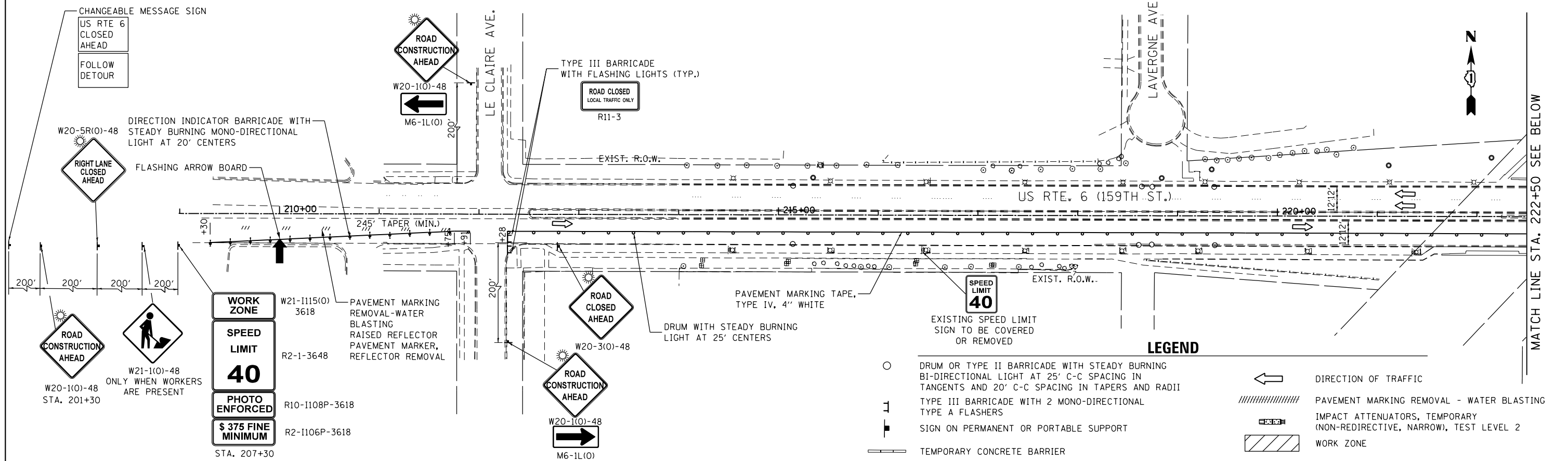
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DRAWN - DH	REVISOR -	
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PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE III TYPICAL SECTIONS			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	45
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

NOTE: DAYTIME LANE CLOSURES ARE ONLY PERMITTED FROM 9:00AM TO 3:00PM.



FILE NAME = D:\Engineering\LiveProjects\13003 IDOT DUR\13003 - WO 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-MOT STDIA US 6-501.dgn



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CHECKED - JMT	REVISED -	
DATE - 7/21/2017	REVISED -	

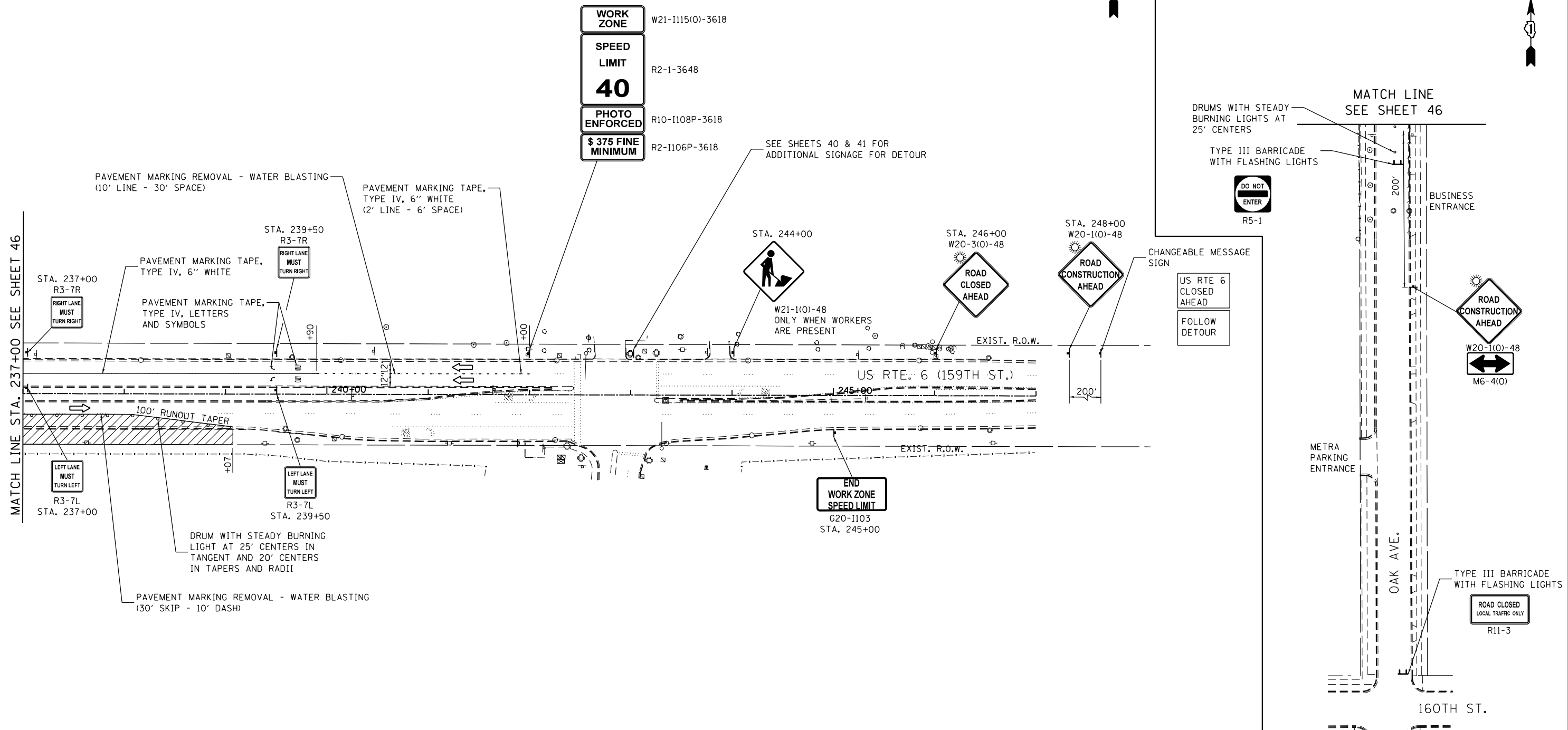
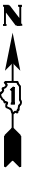
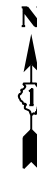
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE IA
US RTE. 6 (159TH ST.)**

F.A.P. RTE. 351	SECTION (537 & 3277-Z/B-1)	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 46
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. 210+00 TO STA. 237+00

NOTE: DAYTIME LANE CLOSURES ARE ONLY PERMITTED FROM 9:00AM TO 3:00PM.



LEGEND

- DRUM OR TYPE II BARRICADE WITH STEADY BURNING BI-DIRECTIONAL LIGHT AT 25' C-C SPACING IN TANGENTS AND 20' C-C SPACING IN TAPERS AND RADII
- ⊥ TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- ⊥ SIGN ON PERMANENT OR PORTABLE SUPPORT
- ▬ TEMPORARY CONCRETE BARRIER
- ← DIRECTION OF TRAFFIC
- ▨ PAVEMENT MARKING REMOVAL - WATER BLASTING
- ▧ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▩ WORK ZONE

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - WO 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-MOT STG1A US 6-502.dgn



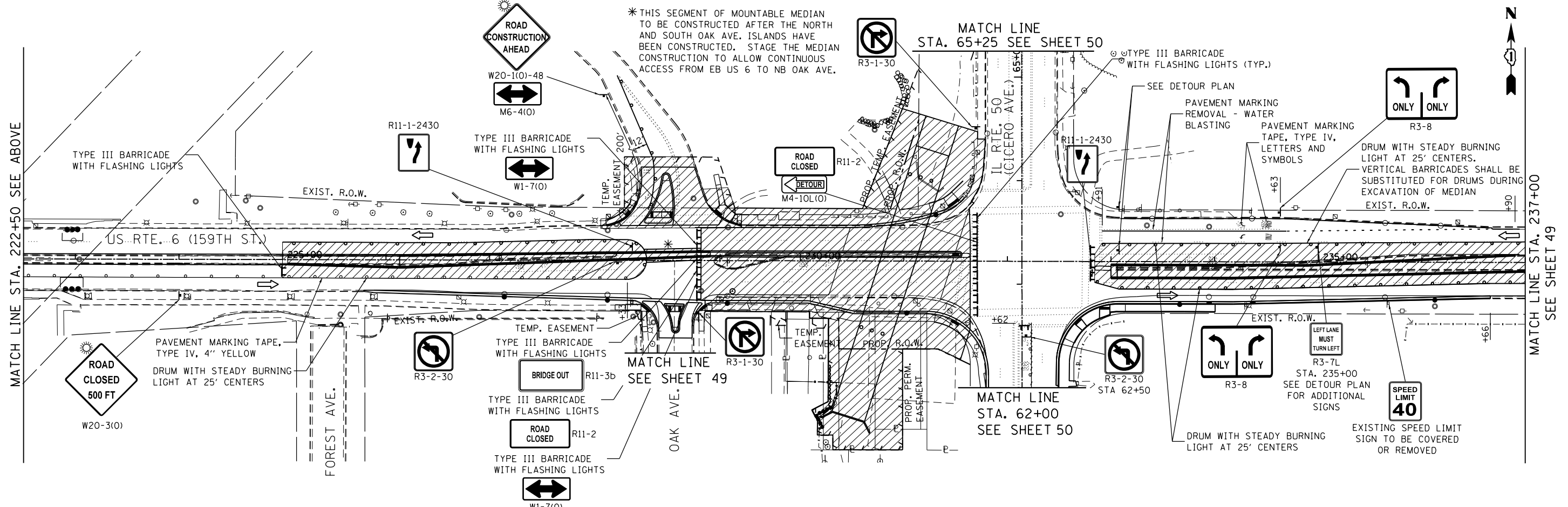
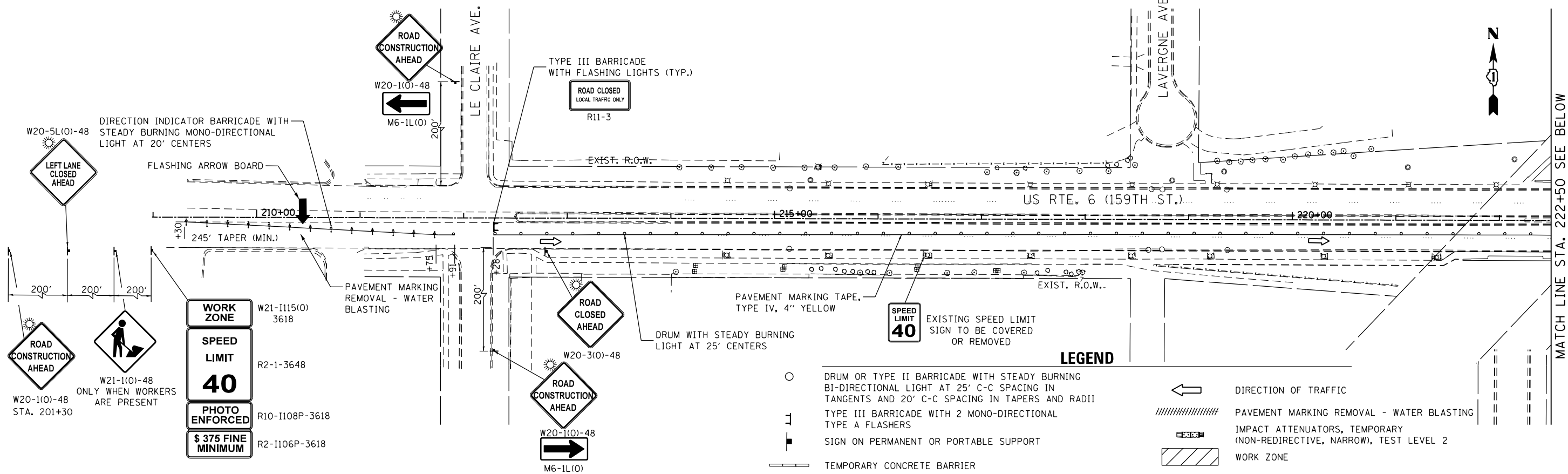
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DRAWN - JN	REVISED -	
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PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE IA			
US RTE. 6 (159TH ST.)			
SCALE:	SHEET	OF SHEETS	STA. 237+00 TO STA. 247+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	47
CONTRACT NO. 60K73				
77+00 ILLINOIS FED. AID PROJECT				

NOTE: DAYTIME LANE CLOSURES ARE ONLY PERMITTED FROM 9:00AM TO 3:00PM.



FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003 - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-MOT ST01B US 6-501.dgn



USER NAME = johnn	DESIGNED - DH	REVISED -
DRAWN - JN	REVISOR -	
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DATE - 7/21/2017	REVISOR -	

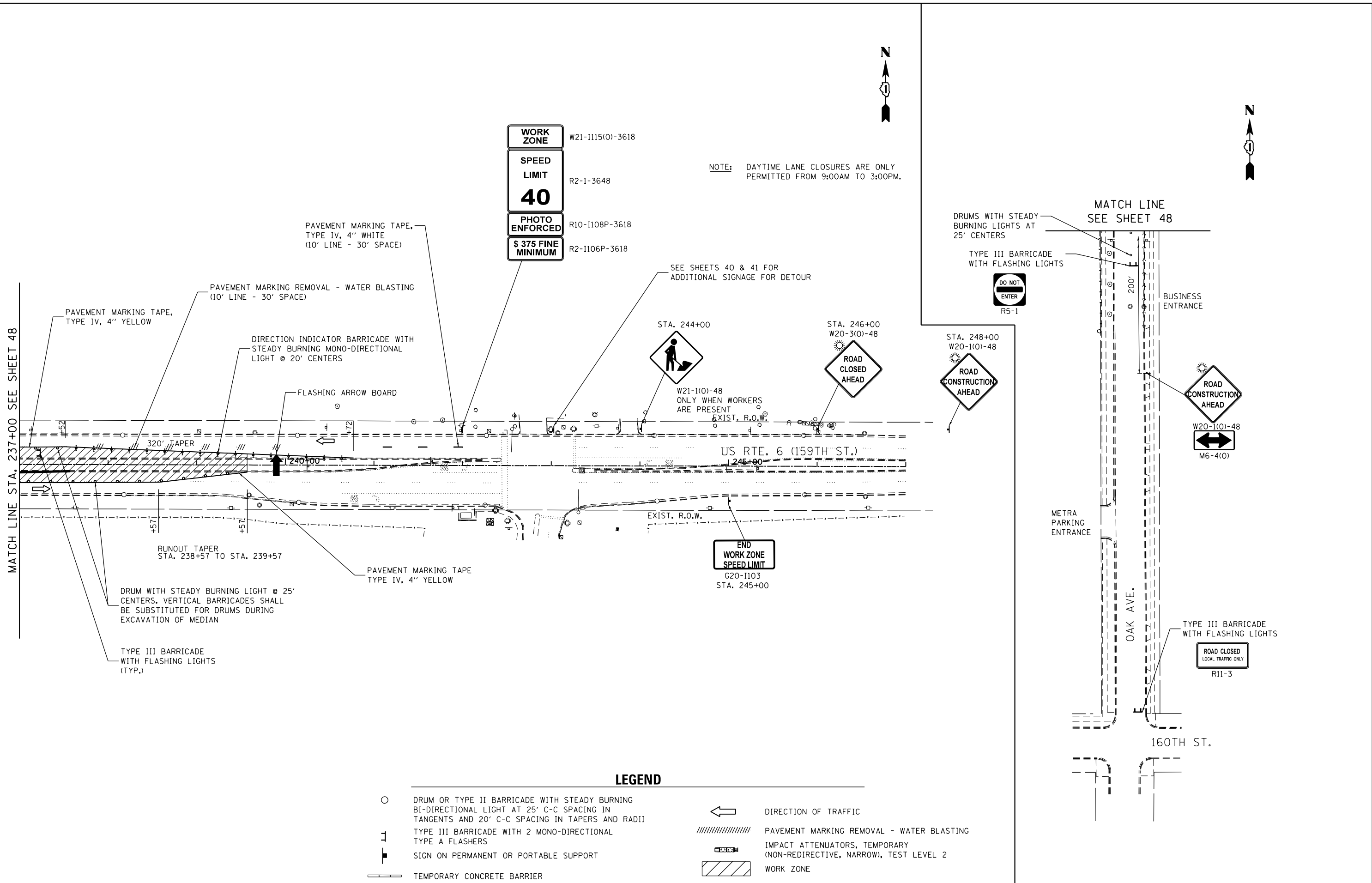
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE IB
US RTE. 6 (159TH ST.)**

F.A.P. RTE. 351	SECTION (537 & 3277-Z/B-1)	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 48
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. 50+00 TO STA. 77+00

FILE NAME = O:\Engineering\Live\Projects\13003 IDOT DUR\13003c - WO 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-plt-MOT ST01B US 6-502.dgn



NOTE: DAYTIME LANE CLOSURES ARE ONLY PERMITTED FROM 9:00AM TO 3:00PM.

- WORK ZONE W21-1115(0)-3618
- SPEED LIMIT R2-1-3648
- 40
- PHOTO ENFORCED R10-1108P-3618
- \$ 375 FINE MINIMUM R2-1106P-3618

SEE SHEETS 40 & 41 FOR ADDITIONAL SIGNAGE FOR DETOUR



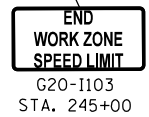
W21-1(0)-48 ONLY WHEN WORKERS ARE PRESENT EXIST. R.O.W.



STA. 246+00 W20-3(0)-48



STA. 248+00 W20-1(0)-48



END WORK ZONE SPEED LIMIT G20-1103 STA. 245+00

LEGEND

- DRUM OR TYPE II BARRICADE WITH STEADY BURNING BI-DIRECTIONAL LIGHT AT 25' C-C SPACING IN TANGENTS AND 20' C-C SPACING IN TAPERS AND RADII
- ⊥ TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- ▬ TEMPORARY CONCRETE BARRIER
- ← DIRECTION OF TRAFFIC
- //// PAVEMENT MARKING REMOVAL - WATER BLASTING
- ▬ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▨ WORK ZONE



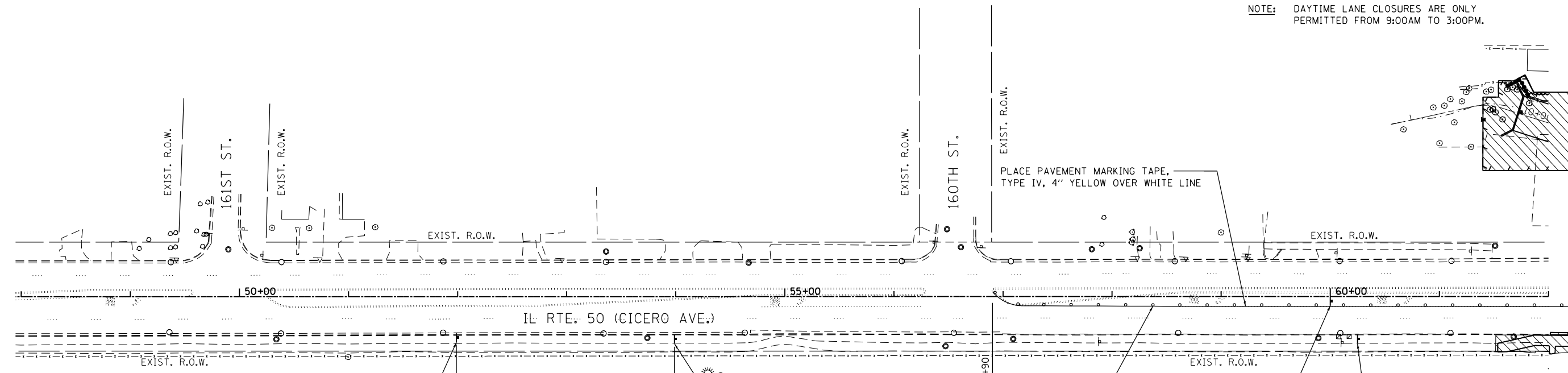
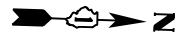
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DRAWN - JN	REVISED -	
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PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE IB			
US RTE. 6 (159TH ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	49
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

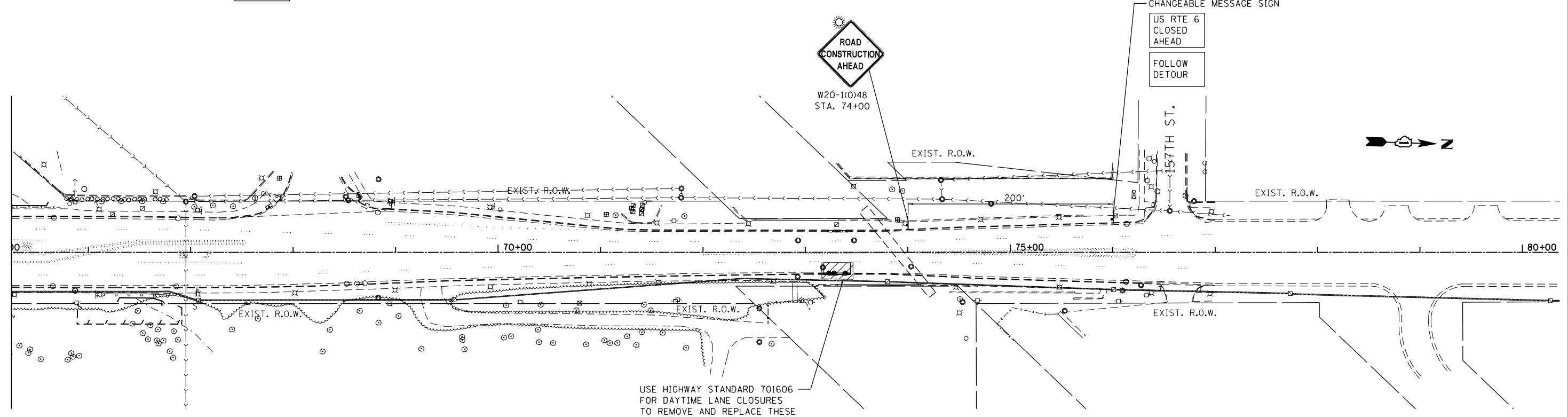
NOTE: DAYTIME LANE CLOSURES ARE ONLY PERMITTED FROM 9:00AM TO 3:00PM.



MATCH LINE STA. 62+20
SEE SHEETS 46 AND 48



MATCH LINE STA. 65+20
SEE SHEETS 46 AND 48



USE HIGHWAY STANDARD 701606 FOR DAYTIME LANE CLOSURES TO REMOVE AND REPLACE THESE DRAINAGE STRUCTURES

LEGEND

- DRUM OR TYPE II BARRICADE WITH STEADY BURNING BI-DIRECTIONAL LIGHT AT 25' C-C SPACING IN TANGENTS AND 20' C-C SPACING IN TAPERS AND RADII
- ⌈ TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- ▬ TEMPORARY CONCRETE BARRIER
- ← DIRECTION OF TRAFFIC
- ////// PAVEMENT MARKING REMOVAL - WATER BLASTING
- ▬ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▨ WORK ZONE

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-MOT STG1&1B-IL-50.dgn



USER NAME = johnn	DESIGNED - AB	REVISED -
DRAWN - JN	REVISIONS -	
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PLOT DATE = 7/31/2017	DATE - 7/31/2017	REVISIONS -

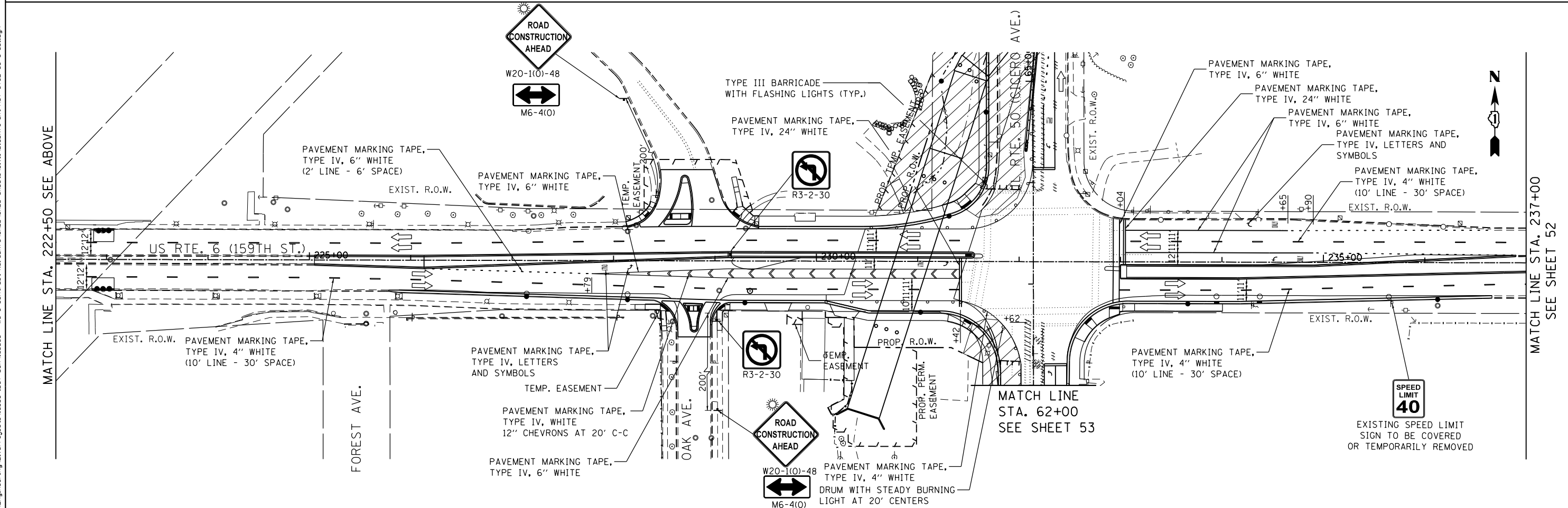
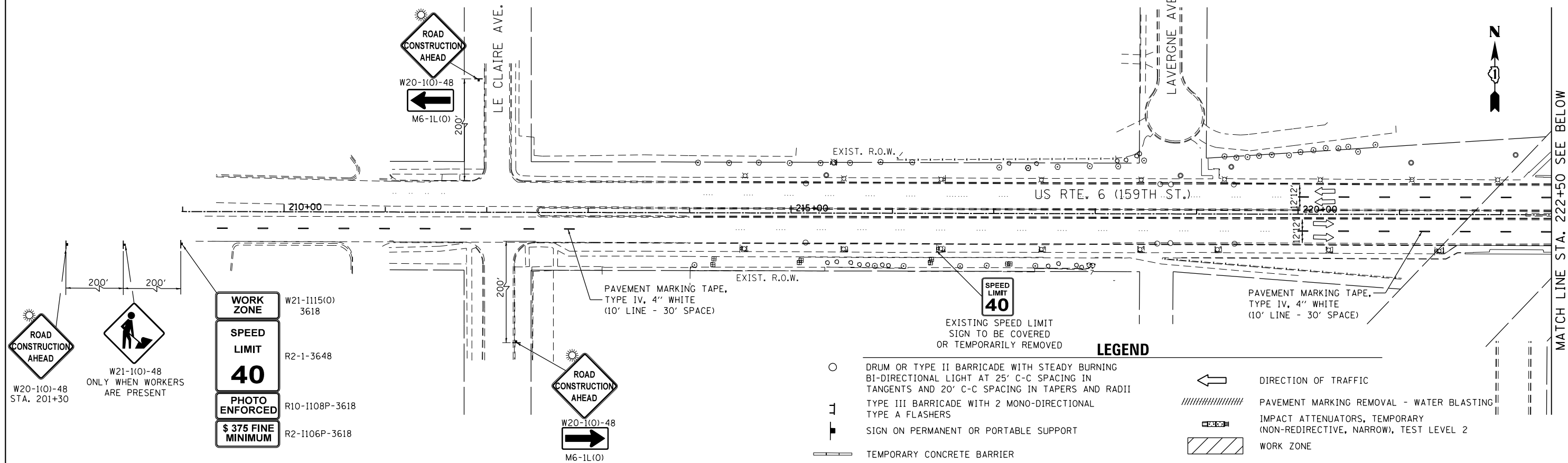
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGES IA AND IB
IL RTE. 50 (CICERO AVE.)**

SCALE: SHEET OF SHEETS STA. 48+00 TO STA. 77+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	50
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

NOTE: DAYTIME LANE CLOSURES ARE ONLY PERMITTED FROM 9:00AM TO 3:00PM.



FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003 - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-INT-MOT ST162 US 6-S01.dgn



USER NAME = johnn	DESIGNED - DH	REVISED -
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	DATE - 7/21/2017	REVISED -

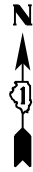
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE II
US RTE. 6 (159TH ST.)**

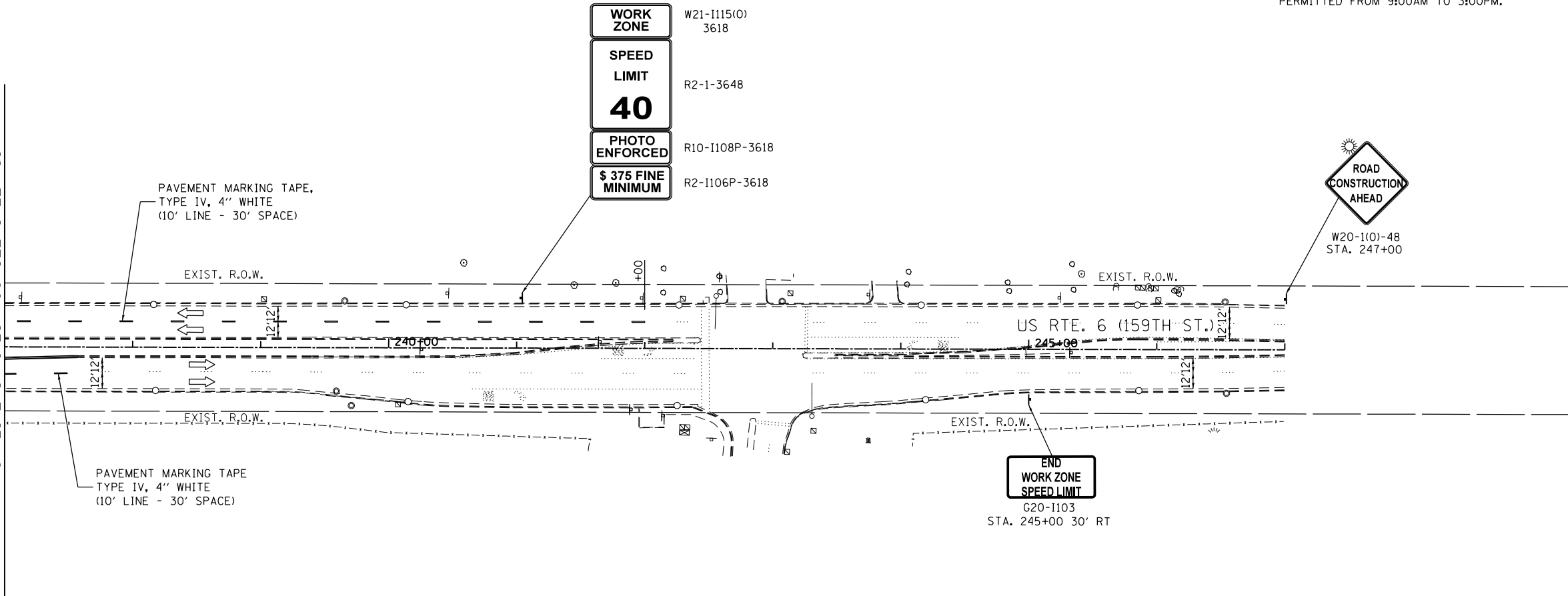
F.A.P. RTE. 351	SECTION (537 & 3277-Z/B-1)	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 51
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. 210+00 TO STA. 237+00

NOTE: DAYTIME LANE CLOSURES ARE ONLY PERMITTED FROM 9:00AM TO 3:00PM.



MATCH LINE STA. 237+00 SEE SHEET 51



LEGEND

- DRUM OR TYPE II BARRICADE WITH STEADY BURNING BI-DIRECTIONAL LIGHT AT 25' C-C SPACING IN TANGENTS AND 20' C-C SPACING IN TAPERS AND RADII
- ⊥ TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- ▬ TEMPORARY CONCRETE BARRIER
- ← DIRECTION OF TRAFFIC
- ////// PAVEMENT MARKING REMOVAL - WATER BLASTING
- ▬ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▨ WORK ZONE

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\C.v1\DI60K73-shr-MOT STG2&3 US 6-502.dgn



USER NAME = johnn	DESIGNED -	REVISED -
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PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISED -

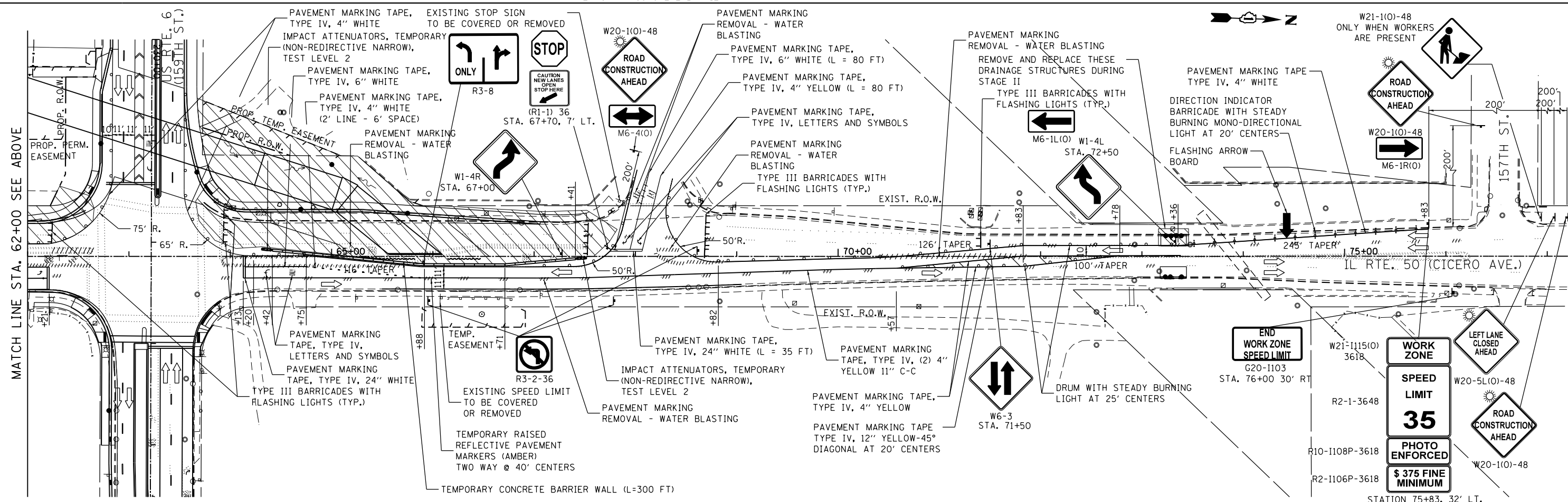
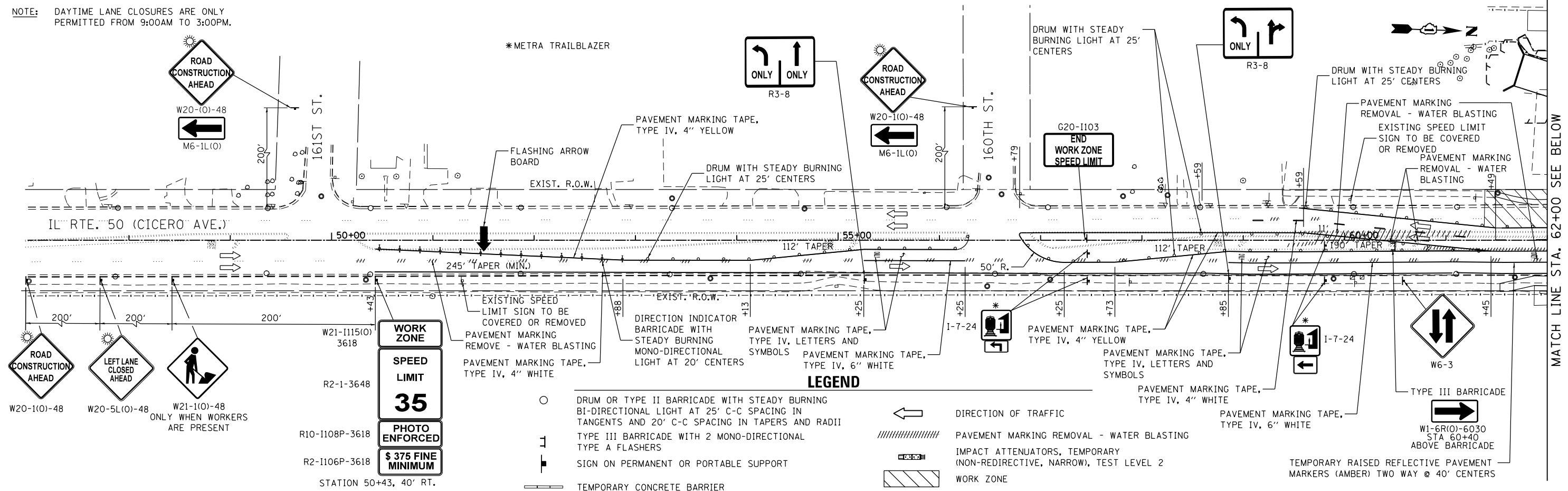
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGES II & III
US RTE. 6 (159TH ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	52
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

NOTE: DAYTIME LANE CLOSURES ARE ONLY PERMITTED FROM 9:00AM TO 3:00PM.



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USER NAME = johnn	DESIGNED -	REVISED -
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	DATE = 7/21/2017	REVISED -

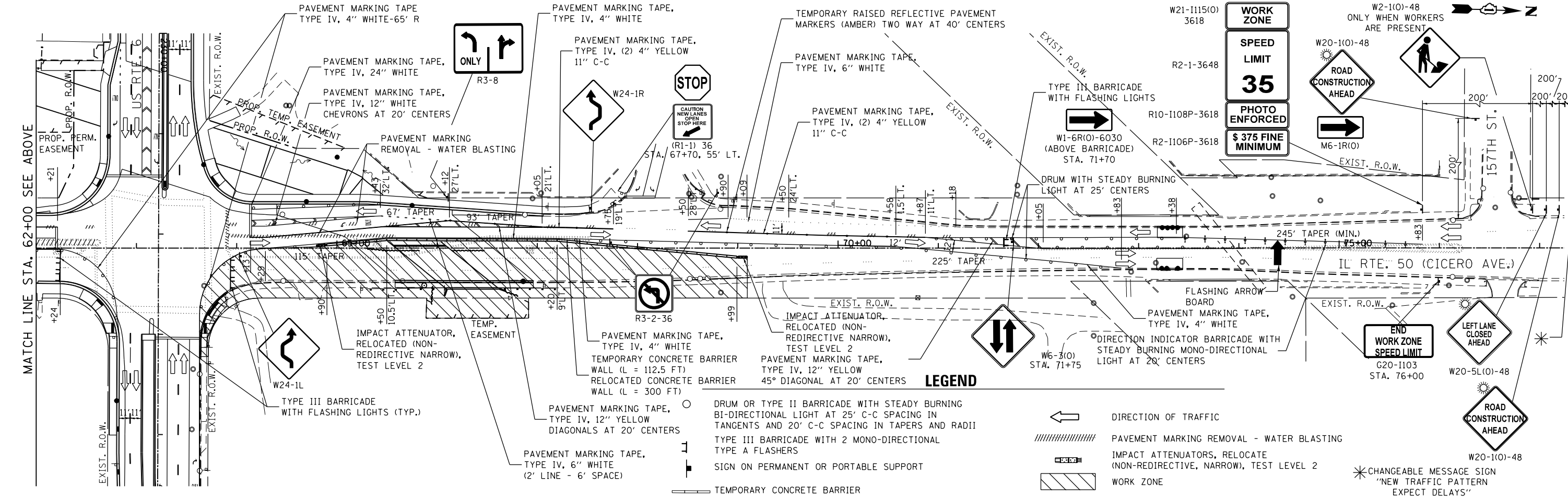
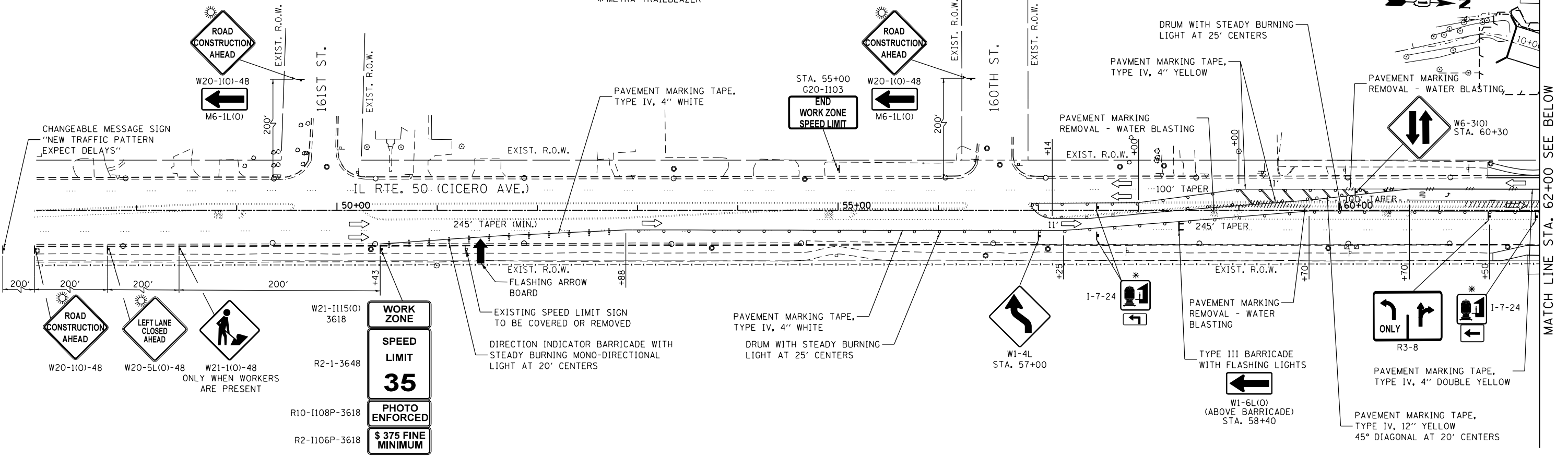
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE II			
IL RTE. 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. 50+00 TO STA. 77+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	53
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

NOTE: DAYTIME LANE CLOSURES ARE ONLY PERMITTED FROM 9:00AM TO 3:00PM.

* METRA TRAILBLAZER



LEGEND

- DRUM OR TYPE II BARRICADE WITH STEADY BURNING BI-DIRECTIONAL LIGHT AT 25' C-C SPACING IN TANGENTS AND 20' C-C SPACING IN TAPERS AND RADII
- TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- ▬ TEMPORARY CONCRETE BARRIER
- ← DIRECTION OF TRAFFIC
- ▨ PAVEMENT MARKING REMOVAL - WATER BLASTING
- ▧ IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▩ WORK ZONE

FILE NAME = D:\Engineering\LiveProjects\13003 IDOT DUR\13003-30 - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\160K73-ent-MOT ST03-IL-50.dgn



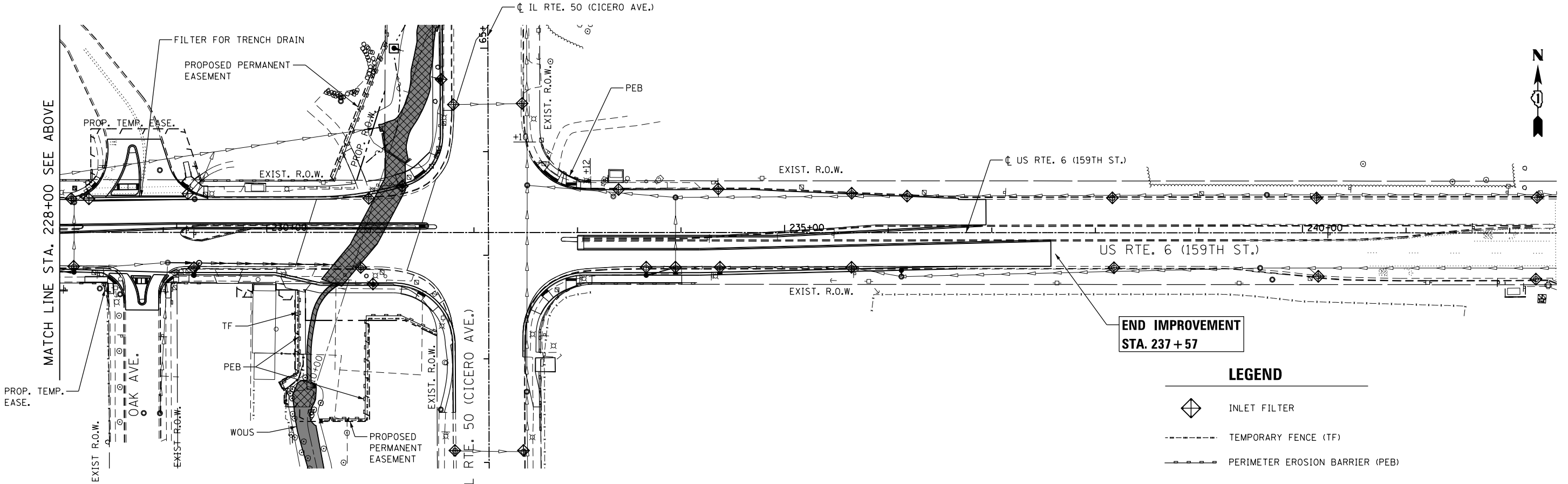
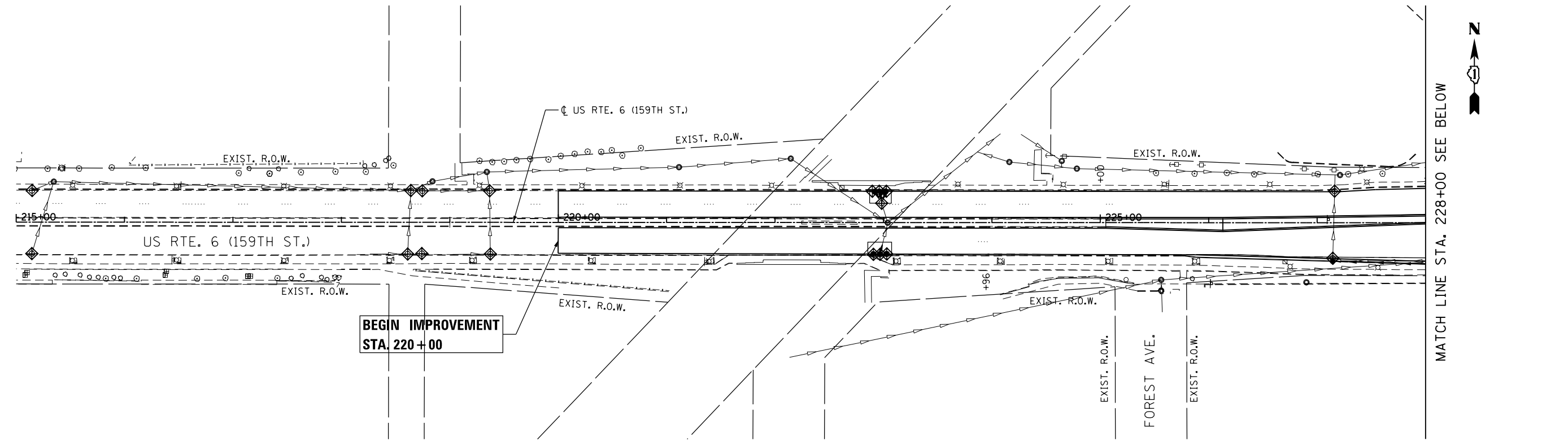
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PLOT DATE = 7/21/2017	CHECKED -	REVISED -
	DATE = 7/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE III			
IL RTE. 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. 47+00 TO STA. 77+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	54
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003 - W0 3 Contract No. 60K73\CADD\CADD Sheets\CV1\DI60K73-sht-ErosControl-US-6.dgn



LEGEND

	INLET FILTER
	TEMPORARY FENCE (TF)
	PERIMETER EROSION BARRIER (PEB)



USER NAME = johnn	DESIGNED - PP	REVISED -
DRAWN - JN	REVISIONS -	
PLOT SCALE = 100.0000' / 1" =	CHECKED - JMT	REVISED -
PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISED -

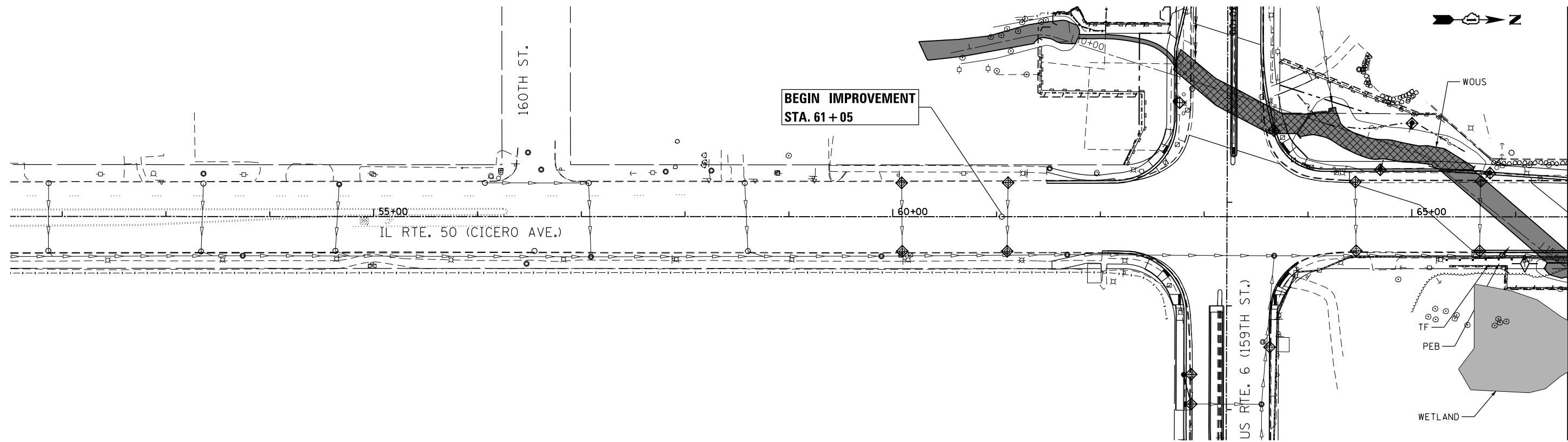
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
US RTE. 6 (159TH ST.)**

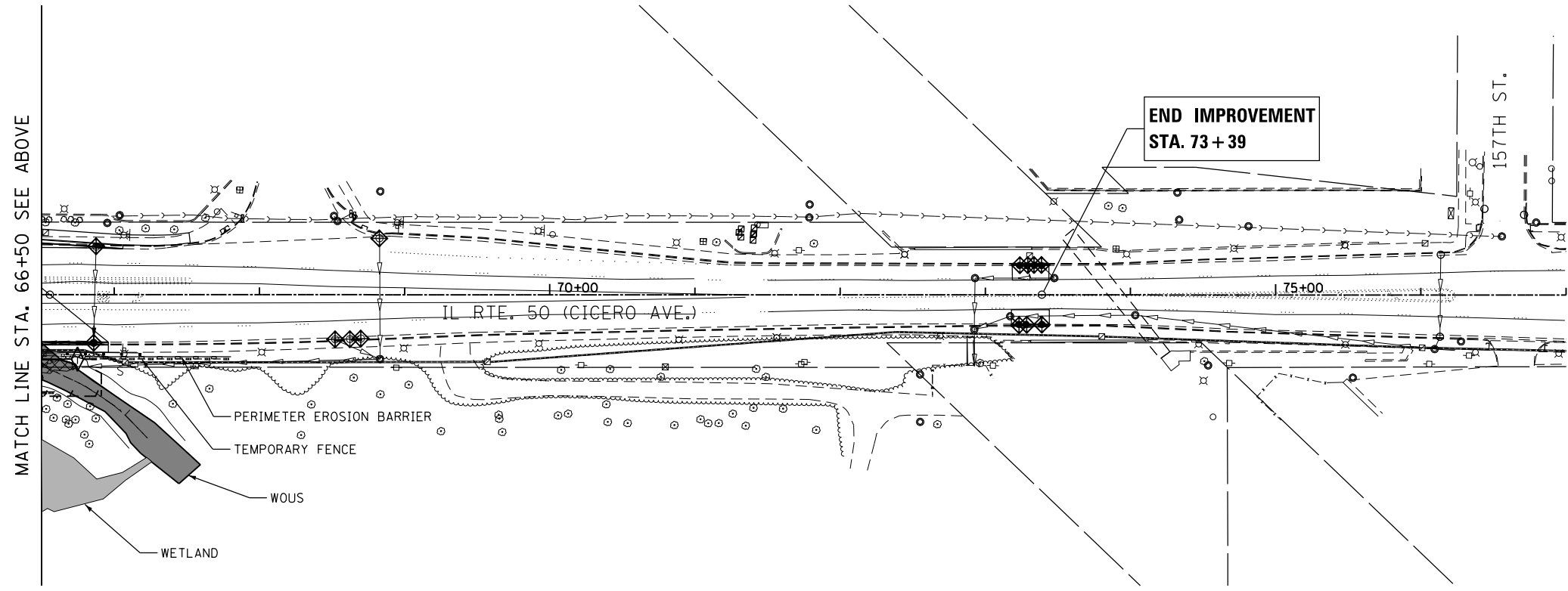
SCALE: SHEET OF SHEETS STA. 215+00 TO STA. 240+00

F.A.P. RTE. 351	SECTION (537 & 3277-Z/B-1)	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 56
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				





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MATCH LINE STA. 66+50 SEE BELOW



MATCH LINE STA. 66+50 SEE ABOVE

- LEGEND**
-  INLET FILTER
 -  TEMPORARY FENCE (TF)
 -  PERIMETER EROSION BARRIER (PEB)
 -  TEMPORARY DITCH CHECK



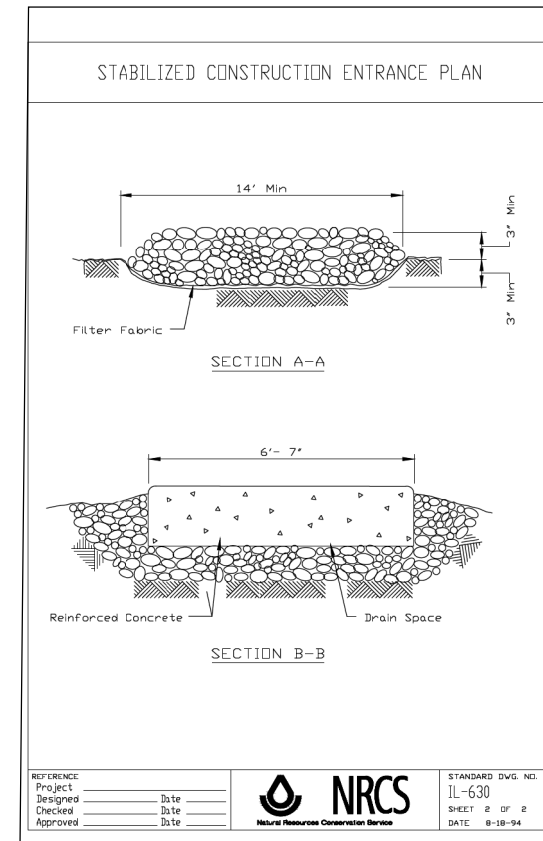
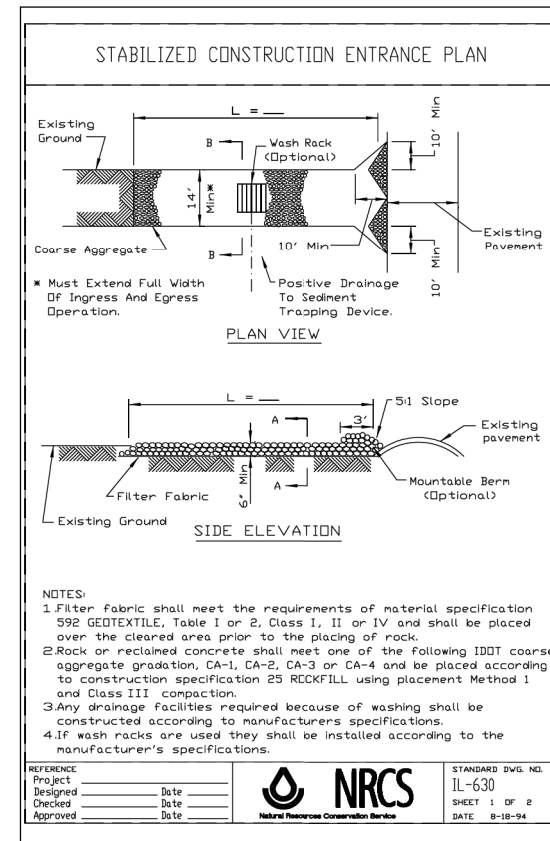
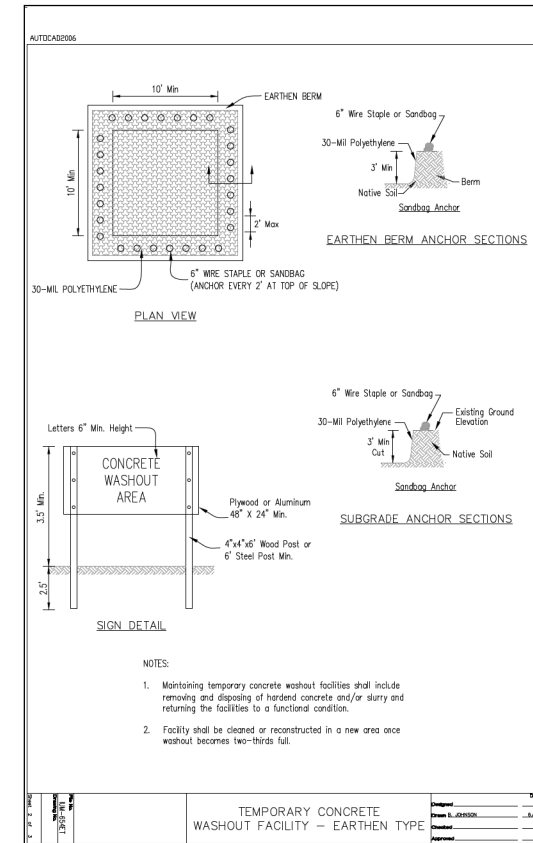
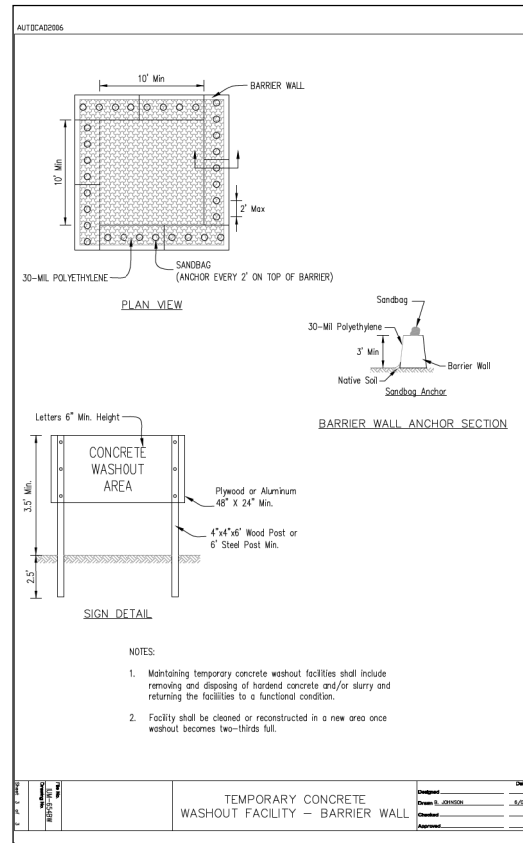
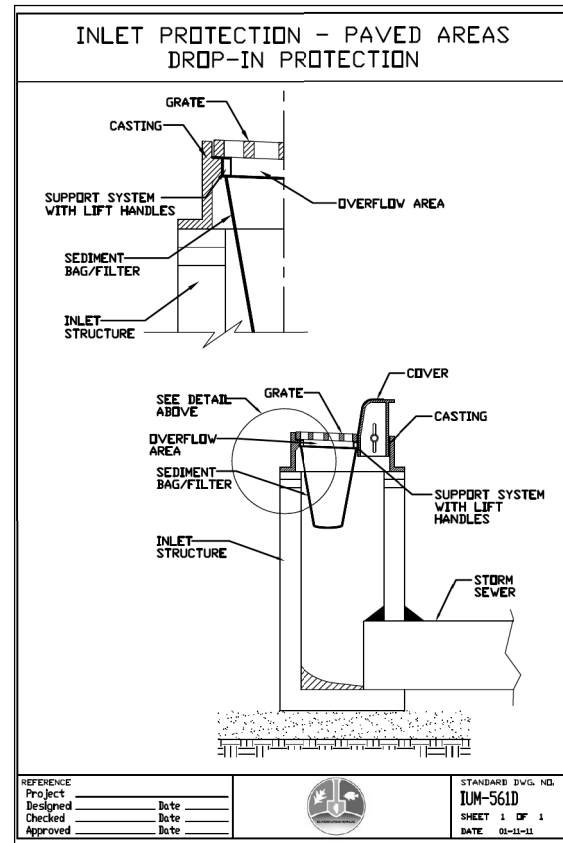
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
IL RTE. 50 (CICERO AVE.)**

SCALE: SHEET OF SHEETS STA. 58+00 TO STA. 70+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	57
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				



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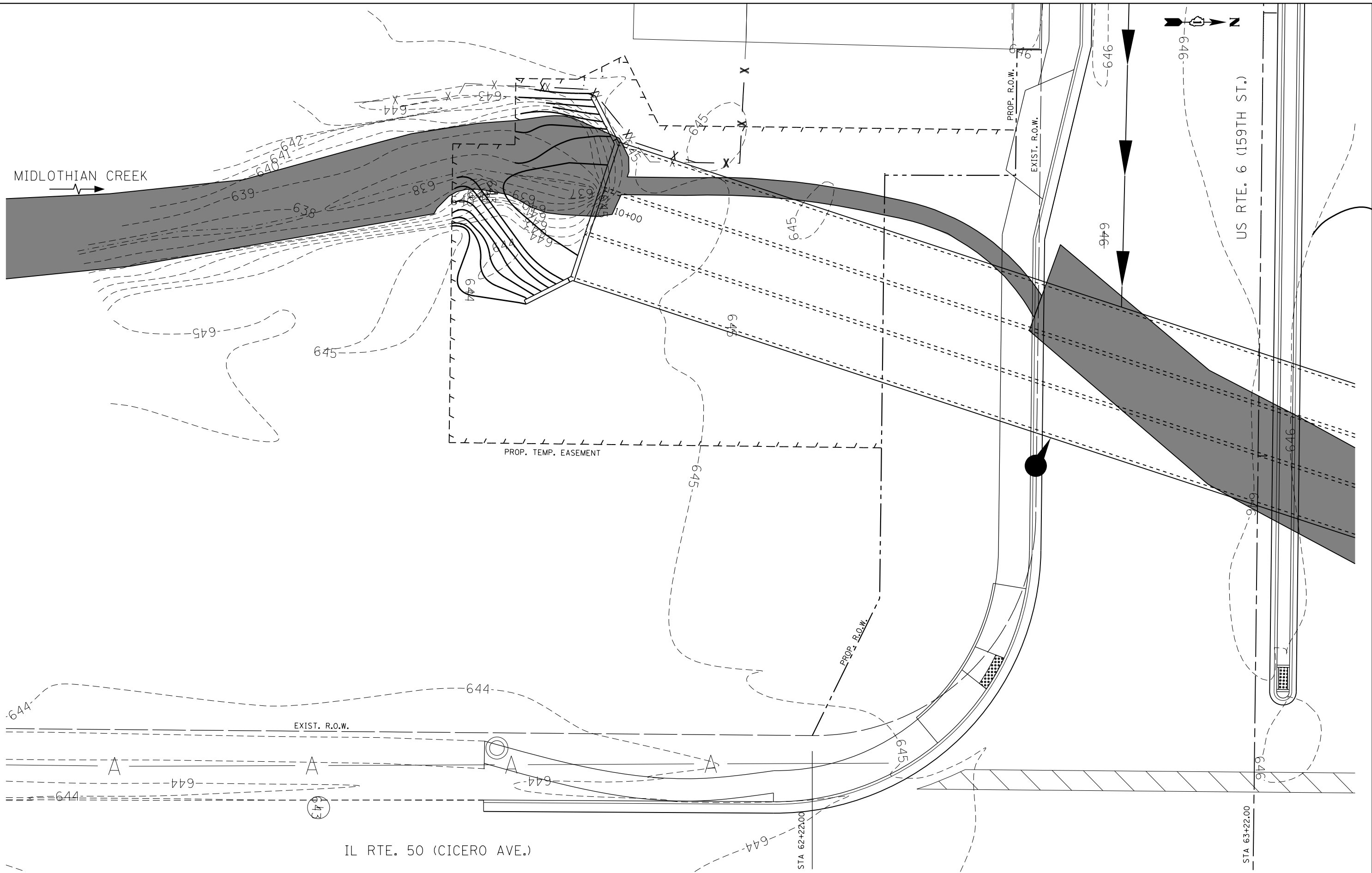
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL DETAILS
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z)B-1	COOK	184	58
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

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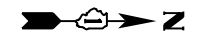
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

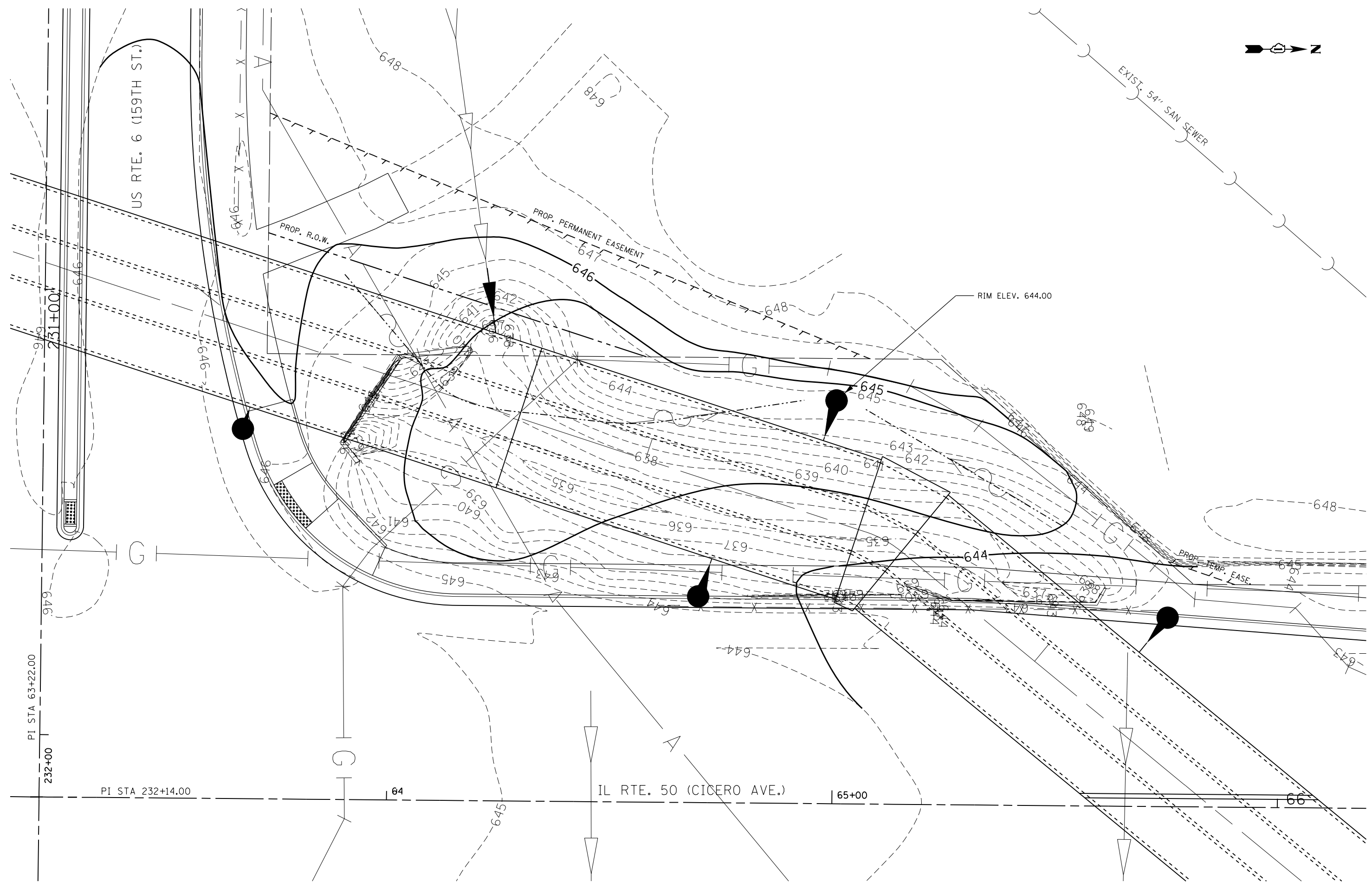
**UPSTREAM GRADING PLAN
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	59
CONTRACT NO. 60K73				
<small>ILLINOIS FED. AID PROJECT</small>				

SCALE: SHEET OF SHEETS STA. TO STA.



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PI STA 232+00	PI STA 63+22.00	PI STA 231+00
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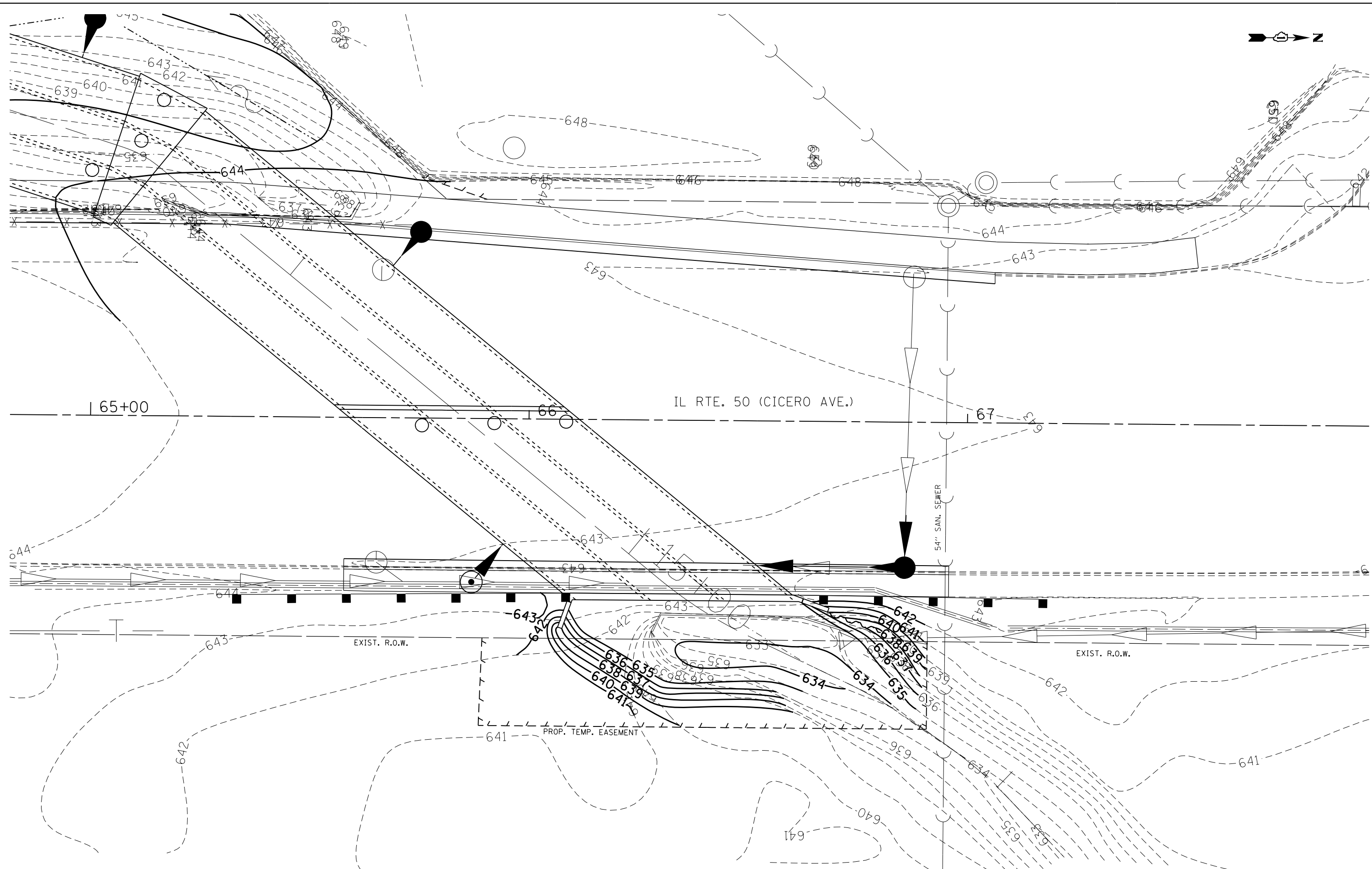
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRADING PLAN
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	60
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DOWNSTREAM GRADING PLAN
U US RTE. 6 (159TH ST.) AND IL RTE. 50 (CICERO AVE.) ..)**

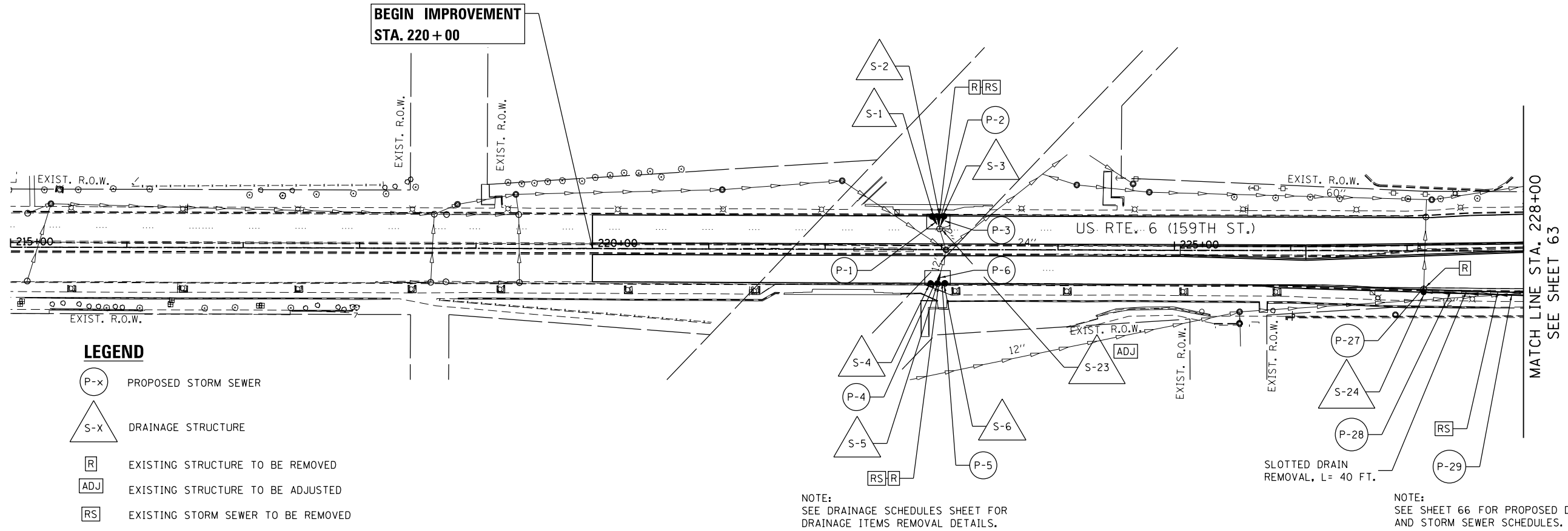
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	61
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

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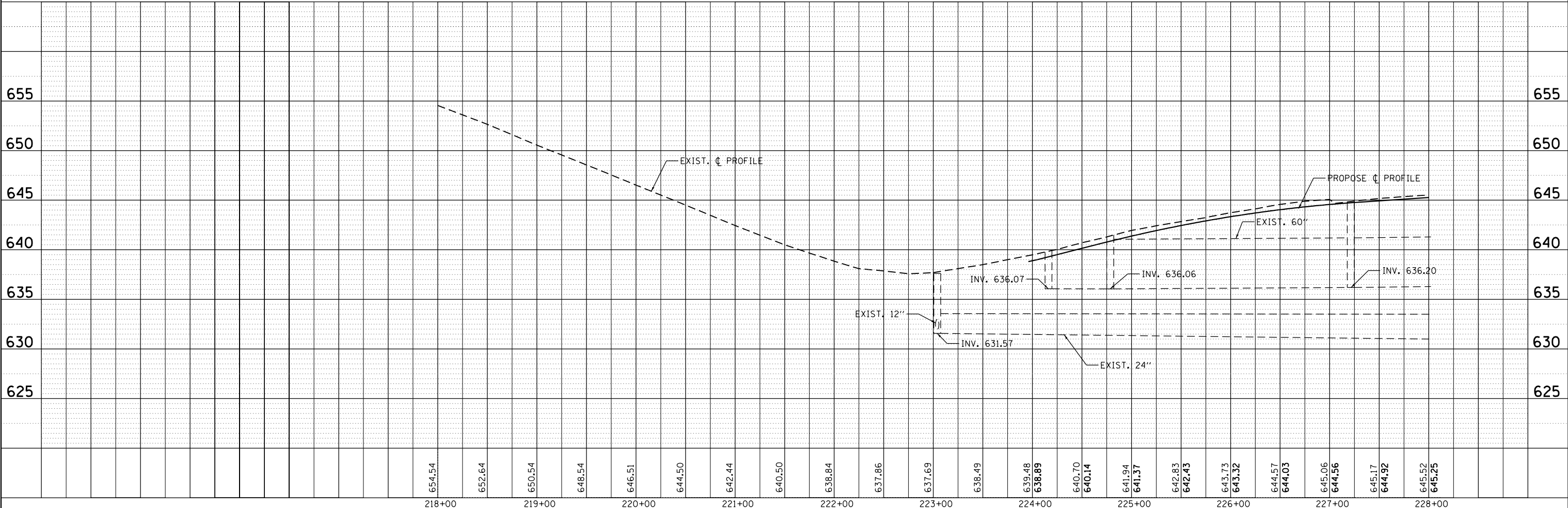


LEGEND

- P-x PROPOSED STORM SEWER
- S-x DRAINAGE STRUCTURE
- R EXISTING STRUCTURE TO BE REMOVED
- ADJ EXISTING STRUCTURE TO BE ADJUSTED
- RS EXISTING STORM SEWER TO BE REMOVED

NOTE:
SEE DRAINAGE SCHEDULES SHEET FOR
DRAINAGE ITEMS REMOVAL DETAILS.

NOTE:
SEE SHEET 66 FOR PROPOSED DRAINAGE STRUCTURE
AND STORM SEWER SCHEDULES.

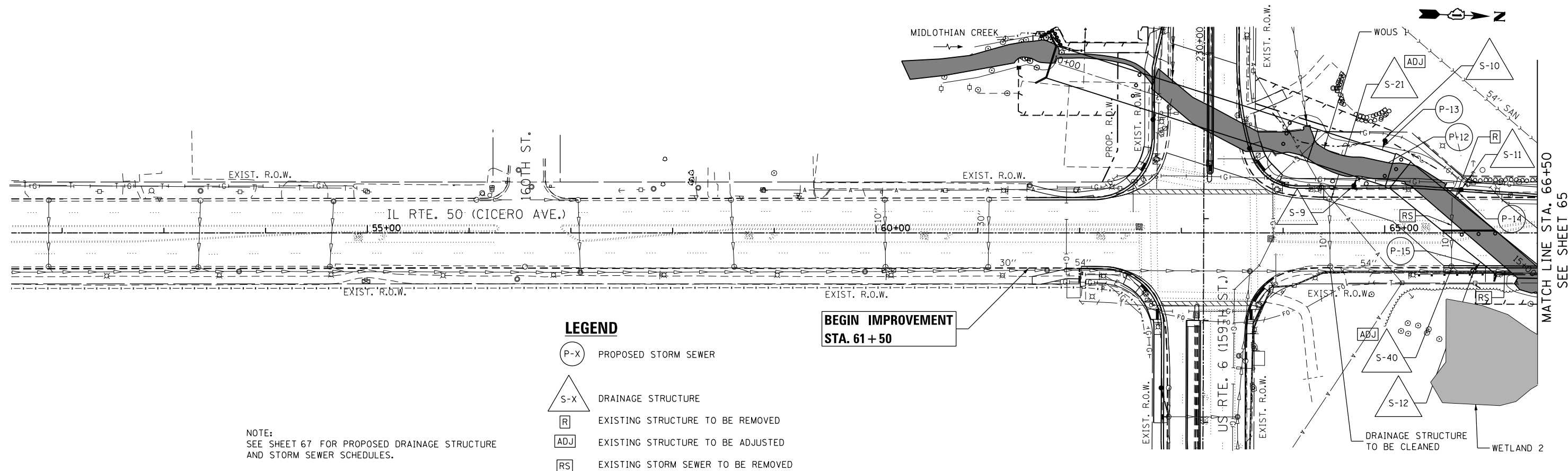


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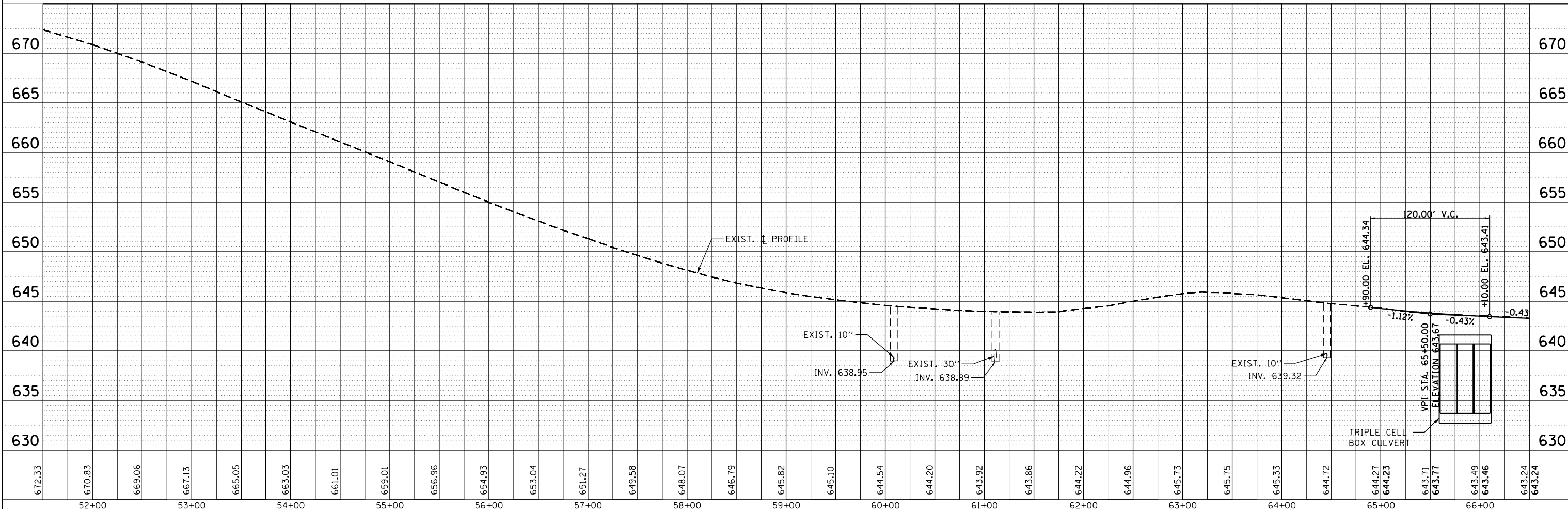
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NOTE:
SEE SHEET 67 FOR PROPOSED DRAINAGE STRUCTURE
AND STORM SEWER SCHEDULES.

LEGEND

- P-X PROPOSED STORM SEWER
- S-X DRAINAGE STRUCTURE
- R EXISTING STRUCTURE TO BE REMOVED
- ADJ EXISTING STRUCTURE TO BE ADJUSTED
- RS EXISTING STORM SEWER TO BE REMOVED



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLANS
IL RTE. 50 (CICERO AVE.)**

SCALE: SHEET 1 OF 2 SHEETS STA. 51+50 TO STA. 66+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	64
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

IL RTE. 50 (CICERO AVENUE)

DRAINAGE STRUCTURE SCHEDULE					
STRUCTURE NO.	DESCRIPTION	STATION	OFFSET*	INVERT EL.	RIM EL.
S-9	CATCH BASINS, TY A, 4' -DIA, TY 24 FRAME AND GRATE	64+69.54	43.82' LT	639.20	643.81
S-10	CATCH BASINS, TY A, 4' -DIA, TY 8 GRATE	65+00.27	90.57' LT	639.50	644.00
S-11	CATCH BASINS, TY A, 4' -DIA, TY 24 FRAME AND GRATE	65+75.02	40.79' LT	639.20	643.02
S-12	MANHOLES, TY A, 8' -DIA, TY 1 FRAME, CLOSED LID	65+87.13	37.31' RT	635.20	643.59
S-13	CATCH BASINS, TY A, 4' -DIA, TY 1 FRAME, OPEN LID	66+85.87	32.67' RT	637.64	642.47
S-14	CATCH BASINS, TY C, TY 23 FRAME AND GRATE	73+23.57	20.30' LT	626.40	628.00
S-15	CATCH BASINS, TY C, TY 23 FRAME AND GRATE	73+28.84	20.30' LT	626.13	628.03
S-16	CATCH BASINS, TY C, TY 23 FRAME AND GRATE	73+33.79	20.30' LT	625.81	628.11
S-17	CATCH BASINS, TY C, TY 23 FRAME AND GRATE	73+38.73	20.30' LT	625.36	628.16
S-18	CATCH BASINS, TY C, TY 24 FRAME AND GRATE	73+23.02	20.20' RT	625.09	628.19
S-19	CATCH BASINS, TY C, TY 24 FRAME AND GRATE	73+28.03	20.20' RT	625.52	628.12
S-20	CATCH BASINS, TY C, TY 24 FRAME AND GRATE	73+39.02	20.20' RT	626.01	628.01

* FOR PROPOSED DRAINAGE STRUCTURES AT THE EDGE OF PAVEMENT, THE OFFSET SHOWN IS TO THE EDGE OF PAVEMENT. FOR ALL OTHER STRUCTURES, THE OFFSET SHOWN IS TO THE CENTER OF THE STRUCTURE.

IL RTE. 50 (CICERO AVENUE)

STORM SEWER SCHEDULE									
PIPE NO.	FROM STR.	TO STR.	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE %	TB (CY)	UPSTREAM INVERT	DOWNSTREAM INVERT
P-12	S-9	CONCRETE BOX CULVERT	10	12	C-A T2	1.00	2.0	639.20	639.10
P-13	S-10	CONCRETE BOX CULVERT	10	12	C-A T2	1.00	0	639.50	639.40
P-14	S-11	CONCRETE BOX CULVERT	10	12	C-A T1	1.00	1.3	639.20	639.10
P-15	S-12	CONCRETE BOX CULVERT	10	54	C-A T2	2.00	8.4	635.20	635.00
P-16	S-13	CONCRETE BOX CULVERT	35	12	C-A T2	1.00	7.5	637.64	637.29
P-18	EXIST. 10" STORM SEWER	S-13	10	10	C-A T2	1.00	2.3	638.14	638.04
P-19	S-14	S-15	5	10	C-A T1	2.8	0.7	626.40	626.23
P-20	S-16	S-15	5	10	C-A T1	6.4	0.7	626.13	625.81
P-21	S-15	EXIST. 10" STORM SEWER	8	10	C-A T1	MATCH EXIST.	1.1	626.13	MATCH EXIST.
P-22	S-17	S-16	5	10	C-A T1	3.00	0.7	625.96	625.81
P-23	S-17	EXIST. 10" STORM SEWER	8	10	C-A T1	MATCH EXIST.	1.1	625.36	MATCH EXIST.
P-24	S-18	EXIST. 15" STORM SEWER	8	15	C-A T1	MATCH EXIST.	1.0	625.09	MATCH EXIST.
P-25	S-19	S-18	5	12	C-A T1	1.00	0.7	625.50	625.45
P-26	S-20	EXIST. 10" STORM SEWER	8	10	C-A T1	MATCH EXIST.	1.1	626.01	MATCH EXIST.

P-17 IS NOT USED.

IL RTE. 50 (CICERO AVENUE)

DRAINAGE STRUCTURE ADJUSTMENT SCHEDULE			
STRUCTURE NO.	DESCRIPTION	STATION	OFFSET
S-21	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	64+45.56	33.85' LT
S-22	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	66+87.54	33.89' LT
S-40	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	65+65.38	32.26' RT

IL RTE. 50 (CICERO AVENUE)

DRAINAGE STRUCTURE REMOVAL SCHEDULE		
STATION	OFFSET	DESCRIPTION
65+67	33.76' LT	REMOVING CATCH BASINS
66+86	33.18' RT	REMOVING CATCH BASINS
73+23.57	20.34' LT	REMOVING CATCH BASINS
73+29.30	20.15' LT	REMOVING CATCH BASINS
73+33.55	20.43' LT	REMOVING CATCH BASINS
73+38.77	20.25' LT	REMOVING CATCH BASINS
73+23.16	20.33' RT	REMOVING CATCH BASINS
73+28.00	20.33' RT	REMOVING CATCH BASINS
73+39.00	20.33' RT	REMOVING CATCH BASINS

IL RTE. 50 (CICERO AVENUE)

STORM SEWER REMOVAL SCHEDULE			
STATION	STATION	LENGTH (FT)	DESCRIPTION
65+87	66+23	36	STORM SEWER REMOVAL 54"
66+52.2	66+85.8	35	STORM SEWER REMOVAL 10"

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE TABLES
IL ROUTE 50 (CICERO AVE.)**

SCALE: SHEET OF SHEETS STA. TO STA.

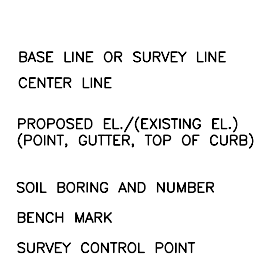
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	67
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

LEGEND

EXISTING	PROPOSED

EXISTING	PROPOSED

EXISTING	PROPOSED



ABBREVIATIONS

CL	CENTERLINE	R	STRUCTURE TO BE RECONSTRUCTED
CONC	PORTLAND CEMENT CONCRETE	A	STRUCTURE TO BE ADJUSTED
BIT	BITUMINOUS PAVEMENT	▲	CENTRAL ANGLE
GR	GRAVEL	D=	DEGREE OF CURVE
CMP	CORRUGATED METAL PIPE	T=	TANGENT LENGTH
FH	FIRE HYDRANT	L=	CURVE LENGTH
CI	CAST IRON	R=	RADIUS OF CURVE
DI	DUCTILE IRON	E=	EXTERNAL DISTANCE
F-F	FACE-TO-FACE	SE=	SUPERELEVATION (FT. PER FT. OF WIDTH)
E-E	EDGE-TO-EDGE	X=	EXTERNAL DISTANCE OF VERTICAL CURVE
B-B	BACK-TO-BACK	PC	POINT OF CURVATURE
BM	BENCH MARK	PI	POINT OF INTERSECTION
INV EL	INVERT ELEVATION	PT	POINT OF TANGENCY
CL EL	CENTERLINE ELEVATION	POT	POINT ON TANGENCY
P	POINT	PCC	POINT OF COMPOUND CURVATURE
G	GUTTER	PRC	POINT OF REVERSE CURVATURE
C	CURB	VC	VERTICAL CURVE
BC	BACK OF CURB	N&W	NAIL AND WASHER
EOP	EDGE OF PAVEMENT	TCE	TEMPORARY CONSTRUCTION EASEMENT
PL	PROPERTY LINE		
ROW	RIGHT OF WAY		
FL	FLOW LINE		
TF	TOP OF FRAME		
TC	TOP OF CURB OR CONCRETE		

GENERAL NOTES

- VERIFY LOCATION, SIZE, AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF THE WATER MAIN. (INCIDENTAL)
- PROVIDE 48 HOURS ADVANCE NOTICE TO THE CITY WHEN CONNECTIONS TO THE EXISTING MAIN WILL BE MADE. COORDINATE SHUTDOWN OF EXISTING MAINS WITH THE CITY'S WATER DIVISION SUPERVISOR. SCHEDULE THE WORK TO MINIMIZE THE NUMBER AND LENGTH OF SHUTDOWNS. PROVIDE WRITTEN NOTIFICATION OF SHUTDOWNS TO WATER USERS AFFECTED 24 HOURS IN ADVANCE.
- INSTALL ALL SEDIMENTATION CONTROL INDICATED ON THE DRAWINGS PRIOR TO BEGINNING THE CONSTRUCTION WORK. REPLACE SEDIMENTATION CONTROL REMOVED BECAUSE OF CONFLICTS WITH THE WORK AS SOON AS THE WORK IS COMPLETED. CHECK ALL SEDIMENTATION CONTROL WEEKLY AND BEFORE AND AFTER A SIGNIFICANT RAIN EVENT.
- CICERO AVENUE SHALL REMAIN OPEN ALL TIMES. ALL OTHER STREETS SHALL REMAIN OPEN TO LOCAL TRAFFIC AT ALL TIMES. ROAD CLOSURE WILL ONLY BE ALLOWED DURING WEEK DAYS. TWO WAY TRAFFIC SHALL BE RESTORED AT THE END OF EACH WORK DAY. PROVIDE A TRAFFIC CONTROL AND DETOUR PLAN ACCEPTABLE TO THE CITY AT THE PRE-CONSTRUCTION MEETING. REVISE THE PLAN AS REQUIRED TO OBTAIN CITY'S APPROVAL. IMPLEMENT THE PLAN PRIOR TO BEGINNING THE WORK. PROVIDE THE CITY WITH 2 WORKING DAYS ADVANCE NOTICE OF ANY LANE OR ROAD CLOSURE. PROVIDE SIGNAGE TO ALERT THE LOCAL TRAFFIC OF IMPENDING CONSTRUCTION AND TEMP ROAD CLOSURES, IF REQUIRED, 48 HOURS IN ADVANCE.
- PROVIDE PROPERTY OWNERS 24 HOUR ADVANCE NOTICE OF CONSTRUCTION ACTIVITIES THAT WILL RESTRICT THE USE OF THEIR DRIVEWAYS.
- DO NOT STORE BEDDING AND BACKFILL MATERIALS, PIPES, FITTINGS OR VAULTS IN AREAS THAT WILL OBSTRUCT SIGHT LINES FOR ENTERING OR EXITING STREETS AND DRIVEWAYS. REMOVE TRENCH EXCAVATION SPOILS FROM THE SITE AS THE WORK PROGRESSES.
- MINIMIZE SURFACE DISTURBANCE FROM THE CONSTRUCTION ACTIVITIES ACROSS PRIVATE PROPERTIES AND RIGHT-OF WAYS. ALL RESTORATION REQUIRED OUTSIDE THE ALLOWABLE LIMITS OF TRENCH EXCAVATIONS IS INCIDENTAL TO THE WATER MAIN CONSTRUCTION.
- REMOVE AND REPLACE ALL MAIL BOXES WITHIN THE LIMITS OF THE CONSTRUCTION. MAIL BOXES DAMAGED FROM THE CONSTRUCTION ACTIVITIES ARE TO BE REPLACED WITH NEW MAIL BOXES OF SIMILAR CONSTRUCTION AND SIZE. THE COST FOR MAIL BOX REMOVAL AND REPLACEMENT WILL BE INCIDENTAL TO THE WATER MAIN CONSTRUCTION.
- THE SURFACE PROFILE SHOWN ON THE DRAWINGS IS OVER THE PROPOSED WATER MAIN UNLESS OTHERWISE INDICATED.
- INSTALL NEW WATER MAIN WITH A MINIMUM OF 5 1/2 FEET OF COVER BELOW EXISTING ELEVATION UNLESS GREATER DEPTH IS REQUIRED TO AVOID EXISTING UTILITIES OR TO THE ELEVATIONS INDICATED ON THE DRAWINGS TO PROVIDE AND MAINTAIN VERTICAL SEPARATION REQUIREMENTS FOR WATER MAIN AND SEWER.
- LOCATE PRESSURE CONNECTIONS OR LINE STOPS IF INDICATED ON THE DRAWINGS OR WHEN DIRECTED BY THE ENGINEER A MINIMUM OF 2 FEET FROM ANY EXISTING REPAIR SLEEVES. CONDUCT EXPLORATORY EXCAVATIONS AS REQUIRED. COST FOR EXPLORATION SHALL BE INCIDENTAL TO WATER MAIN CONSTRUCTION.

- SANITARY SEWER SERVICE LOCATIONS ARE ONLY SHOWN WHERE DIRECTED TO MANHOLES. LOCATE AND UNCOVER ALL OTHER SANITARY SERVICES ALONG THE PATH OF THE PROPOSED WATER MAIN IN ADVANCE OF THE REPLACEMENT MAIN INSTALLATION TO DETERMINE THE SERVICE LOCATION AND NEEDED ADJUSTMENTS TO MEET THE SEPARATION REQUIREMENTS OF THE IEPA AND AS OUTLINED IN THE PROJECT MANUAL WATER DISTRIBUTION SYSTEM.
- CONTRACTOR IS REQUIRED TO MEET PRESSURE TESTING REQUIREMENTS FOR ALL NEW WATER MAINS REGARDLESS OF CONDITION OF EXISTING VALVES. PROVIDE TEMPORARY PLUGS AND HYDRANTS FOR FLUSHING AND PROVISIONS FOR BLOCKING AT CONNECTION POINTS IF NECESSARY TO MEET TESTING REQUIREMENTS. INCLUDE THE COST FOR TEMPORARY MEASURES IN THE COST OF THE CONNECTION.
- LAY REPLACEMENT MAIN TO PROPOSED CONNECTION POINT WITH EXISTING WATER MAIN(S) AND TEMPORARILY PLUG. REMOVE TEMPORARY PLUG AND CONNECT TO THE EXISTING WATER MAIN(S) ONCE THE NEW MAIN HAS BEEN SUCCESSFULLY TESTED AND DISINFECTED (NON-PRESSURE CONNECTION). PLUG ENDS OF PIPE TO BE ABANDONED AS INDICATED IN THE FOLLOWING NOTE.
- USE MECHANICAL JOINT FITTINGS TO PLUG/CAP EXISTING MAINS TO REMAIN IN SERVICE AND FOR EXISTING MAINS TO BE ABANDONED IN PAVED AREAS. INCLUDE THE COST OF THE FITTING IN THE COST FOR THE CONNECTION OR ABANDONMENT. USE CONCRETE PLUGS TO A DISTANCE OF TWO FEET INTO THE PIPE TO ABANDON EXISTING MAINS IN LAWN AREAS
- PROVIDE A TEMPORARY COVERING OVER ALL NEW FIRE HYDRANTS UNTIL ALL NEW WATER MAINS ARE PUT INTO SERVICE AND NEW FIRE HYDRANTS ARE OPERABLE.
- PROVIDE AND WRAP ALL DUCTILE IRON PIPE AND FITTINGS WITH POLYETHYLENE SHEETS/TUBES.
- SUCCESSFULLY TEST AND DISINFECT WATER MAIN PRIOR TO MAKING WATER SERVICE CONNECTIONS.
- ABANDON EXISTING WATER MAIN AND APPURTENANCES INDICATED ONCE ALL NEW SERVICES ARE CONNECTED TO THE NEW WATER MAIN AND THE NEW SYSTEM IS ACCEPTED BY THE CITY. DELIVER FIRE HYDRANTS, VALVE BOXES AND FRAMES FROM ABANDON APPURTENANCES TO THE CITY'S PUBLIC WORKS DEPARTMENT.
- RESTORE ALL LAWN AREAS DISTURBED BY THE CONSTRUCTION WITH A MINIMUM OF 4-INCHES OF TOPSOIL AND SEED.
- REMOVE AND REPLACE ALL CONCRETE SIDEWALKS WHERE THE PROPOSED WATER MAIN/SERVICE IS LOCATED UNDER THE WALKS TO THE NEAREST CONSTRUCTION JOINT.
- REPLACE DETECTABLE WARNINGS AT CURB RAMPS DAMAGED BY CONSTRUCTION.
- REMOVE AND REPLACE ALL DRIVEWAY APRONS DISTURBED BY THE WATER MAIN CONSTRUCTION FROM BACK OF TRENCH TO EDGE OF PAVEMENT, AND WITH THE SAME MATERIAL. COMPLY WITH THE CITY OF OAK FOREST REQUIREMENTS FOR DRIVEWAY CONSTRUCTION.
- REMOVE AND RELOCATE ALL CITY OF OAK FOREST STREET SIGNS IN CONFLICT WITH THE WORK. RELOCATED SIGNS TO LOCATIONS DETERMINED BY THE CITY'S PUBLIC WORK DEPARTMENT.
- FIRE HYDRANTS MUST BE INSTALLED TO GRADE. CONFLICT IN HEIGHT ADJUSTMENTS WILL BE PAID BY SEPARATE UNIT PRICE FOR FIRE HYDRANT BARREL EXTENSION.

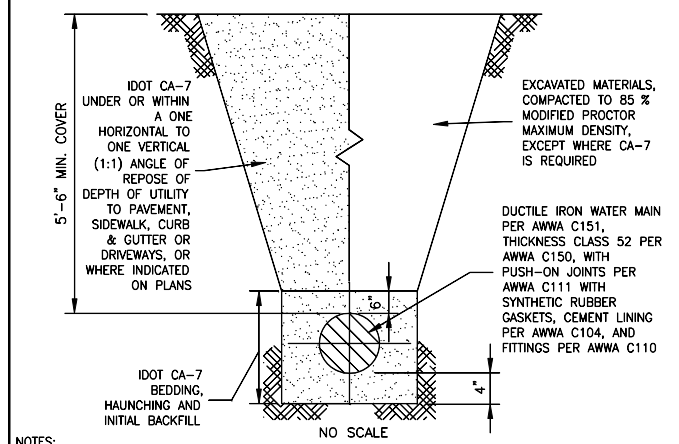
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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00121 - EXPIRES 3/30/2017
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DESIGNED - PMK	REVISED -
DRAWN - BCD	REVISED -
CHECKED - SEO	REVISED -
DATE - 3-17-17	FILE - 150577-LegendAbbr.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LEGENDS, GENERAL NOTES AND ABBREVIATIONS			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
351	(537 & 3277-ZIB-1	COOK	184
			SHEET NO. 70
CONTRACT NO. 60K73			
SCALE:		STA.	TO STA.
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



NOTES:

1. WATER FOR ALL FILLING, TESTING AND CHLORINATING SHALL BE DRAWN FROM THE CITY'S SYSTEM AT THE PROPOSED POINT OF CONNECTION, USING THE CITY'S METERING EQUIPMENT. THIS EQUIPMENT SHALL BE
2. AFTER COMPLETING A SATISFACTORY PRESSURE TEST, THE WATER MAIN SHALL BE LEAKAGE TESTED FOR A MINIMUM OF 3 HOURS, IN ACCORDANCE WITH ARTICLE 41-2.13C OF

SCHEDULE SHALL BE SUBJECT TO CITY WATER DEPARTMENT'S REVIEW AND APPROVAL

2. PROVIDE A TEMPORARY HYDRANT OR A PLUG (OR CAP) ON THE END OF THE MAIN WITH A TAPPED OPENING FOR FLUSHING. FOR 8", 10" AND 12" MAINS PROVIDE A 2 1/2" TAP AND FOR 16" MAINS USE A 3" TAP. FOR MAINS LARGER THAN 16", A TEMPORARY HYDRANT MUST BE USED. PROVIDE A THREADED PLUG INTO TAPPED OPENING AFTER MAIN HAS BEEN SUCCESSFUL DISINFECTED AND
3. MAINS SHALL BE PRESSURE TESTED AT A MINIMUM PRESSURE OF 150 PSI FOR 1 HOUR WITHOUT PRESSURE LOSS OR FURTHER PRESSURE APPLICATION. TEST SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C600 AND AWWA C603. IF MAINS TO BE TESTED INCLUDE CONCRETE THRUST BLOCKING, DO NOT BEGIN TEST UNTIL AT LEAST 5 DAYS AFTER THE INSTALLATION OF THE THRUST BLOCKING.

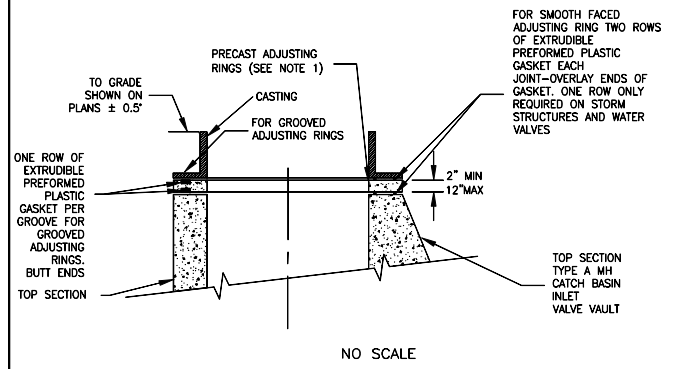
PER ARTICLE 41-2.14 OF THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, MOST RECENT EDITION, CHLORINE SHALL BE INTRODUCED INTO NEW MAIN THROUGH A 1-INCH CORPORATION, OR HYDRANT. A SECOND 2-INCH CORPORATION ON THE EXISTING MAIN WILL BE USED.

6. 16-INCH AND LARGER MAINS SHALL INCLUDE RESTRAINED JOINT PIPE FOR THREE PIPE LENGTHS FROM EACH FITTING.

7. BRONZE WEDGES SHALL BE INSTALLED AT ALL JOINTS.

CITY OF OAK FOREST
STANDARD DETAIL
FOR
WATER MAIN INSTALLATION

DATE: OCT. 2006
WATER\WMA.DWG

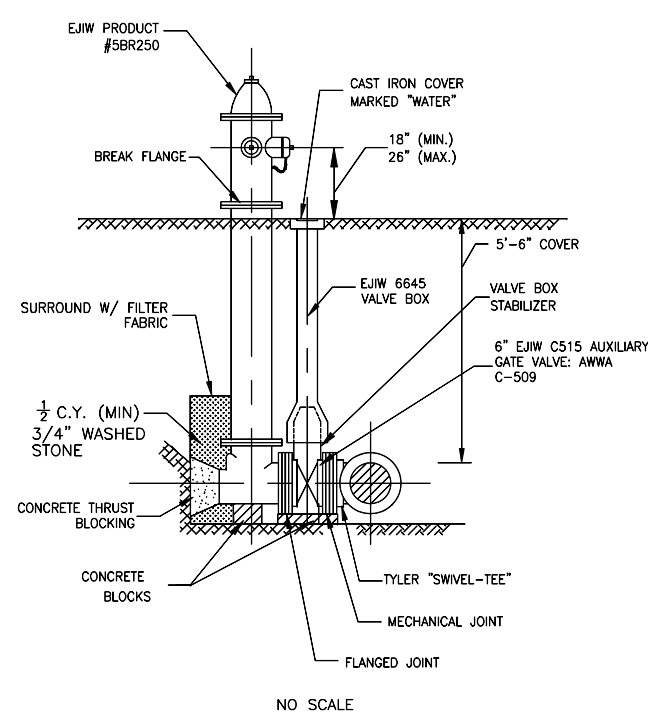


NOTES:

1. THERE SHALL BE A MAXIMUM OF 2 ADJUSTING RINGS WITH A MAXIMUM TOTAL HEIGHT OF 12".
2. ALL STRUCTURES IN CURB AND GUTTER OR PAVED AREAS SHALL USE PREFORMED RUBBER ADJUSTING RINGS, WHICH ARE 2" OR LESS IN THICKNESS.
3. IF THE CASTING MUST BE INSTALLED ON A SLOPE, PREFORMED RUBBER TAPERED RINGS MUST BE USED.
4. ADJUSTING RINGS 2" OR LESS IN THICKNESS SHALL BE PREFORMED RUBBER.
5. THE FOLLOWING CASTING, OR APPROVED EQUAL, SHALL BE UTILIZED AS INDICATED:
A. SANITARY MANHOLES: EAST JORDAN IRON WORKS #1050, TYPE A HEAVY DUTY WATERTIGHT LID WITH CONCEALED PICKHOLE, O-RING GASKETS, AND "OAK FOREST" AND "SANITARY" CAST IN LID.
B. WATER VALVE VAULTS: EAST JORDAN IRON WORKS #1050, TYPE A HEAVY DUTY WATERTIGHT LID WITH CONCEALED PICKHOLE, O-RING GASKETS, AND "OAK FOREST" AND "WATER" CAST IN LID.
C. STORM MANHOLES: EAST JORDAN IRON WORKS #1050, TYPE A HEAVY DUTY LID WITH CONCEALED PICKHOLE, AND "OAK FOREST" AND "STORM" CAST IN LID, FOR LIDS INDICATED AS "SOLID" ON PLANS. FOR LIDS INDICATED AS "OPEN" ON PLANS, USE THE SAME CASTING, BUT WITH A TYPE M1 RADIAL FLAT GRATE.
D. DRAINAGE STRUCTURES IN DETENTION PONDS: EAST JORDAN IRON WORKS #648B.
E. DRAINAGE STRUCTURES IN OTHER AREAS WITH UNPAVED SURFACES: EAST JORDAN IRON WORKS #1050 WITH M1 RADIAL FLAT GRATE.
F. DRAINAGE STRUCTURES IN MOUNTABLE CURB AND GUTTER: EAST JORDAN IRON WORKS #7171 WITH TYPE M1 GRATE.
G. DRAINAGE STRUCTURES IN BARRIER CURB AND GUTTER: EAST JORDAN IRON WORKS #7205 WITH TYPE M1 GRATE.
6. EJIW #7171 CASTINGS CAN OVERLAP STRUCTURE EDGES A MAXIMUM OF 2.5 INCHES.
7. EJIW #7205 CASTINGS CAN OVERLAP STRUCTURE FRONT EDGES A MAXIMUM OF 2 INCHES.
8. NO FILTER FABRIC ALLOWED UNDER FRAMES OR GRATES.
9. "BEEHIVE" TYPE GRATES SHALL NOT BE USED.

CITY OF OAK FOREST
STANDARD DETAIL
FOR
CASTING INSTALLATION AND
ADJUSTING

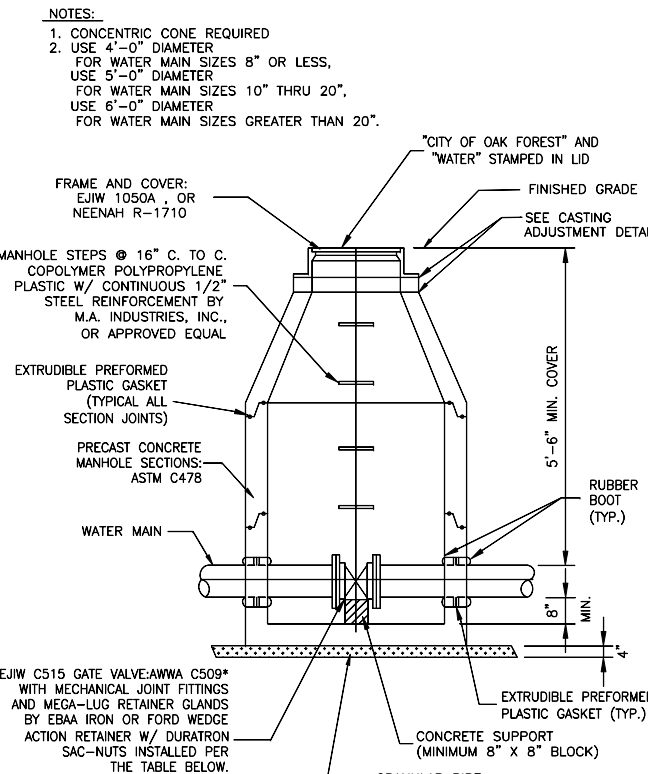
DATE: OCT. 2006
STORM\TYRSTG.DWG



NOTES:

1. ALL BOLTS BELOW GRADE ON FIRE HYDRANT SHALL BE STAINLESS STEEL.
2. ALL BOLTS ON AUXILIARY VALVE SEAL PLATE AND BONNET SHALL BE STAINLESS STEEL.
3. THRUST BLOCKING SHALL BE CONSTRUCTED SO HYDRANT DRAIN HOLE IS NOT OBSTRUCTED.
4. HYDRANT SHALL BE PAINTED RED.

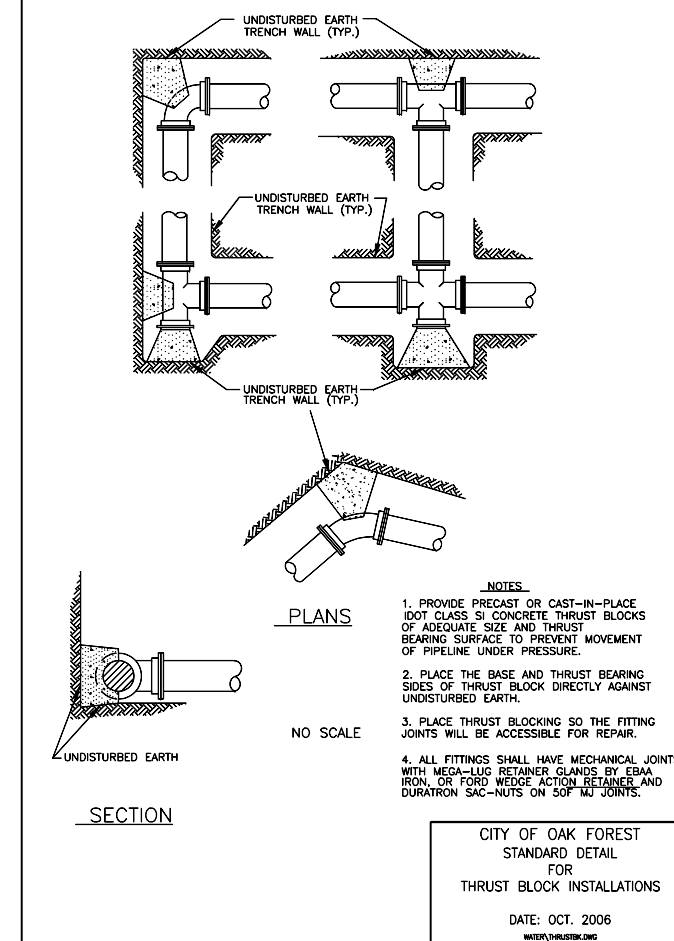
CITY OF OAK FOREST
STANDARD DETAIL
FOR
FIRE HYDRANT
DATE: OCT. 2006
WATER\FRHYDET.DWG



NOMINAL PIPE SIZE (INCHES)	NUMBER OF SAC-NUTS
3	2
4	2
6	3
8	3
10	4
12	4
14	5
16	6
18	6
20	7
24	8

* VALVES LARGER THAN 12" SHALL BE PRATT BUTTERFLY VALVES PER AWWA C504

CITY OF OAK FOREST
STANDARD DETAIL
FOR
STANDARD VALVE
DATE: OCT. 2006
WATER\STVALV.DWG

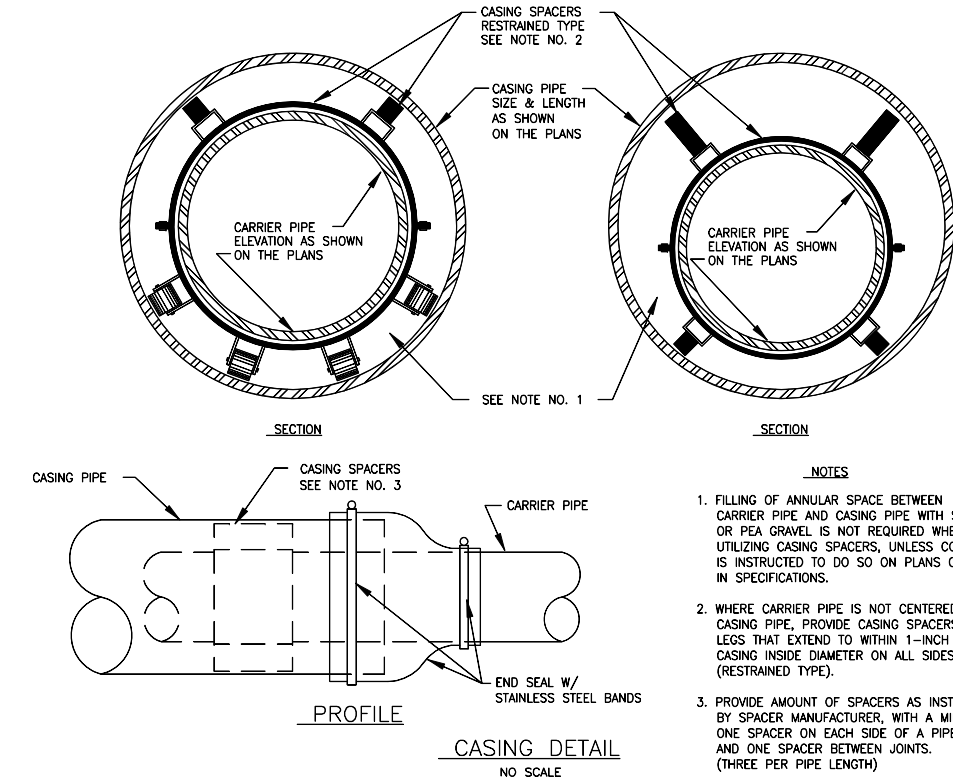


NOTES:

1. PROVIDE PRECAST OR CAST-IN-PLACE IDOT CLASS SI CONCRETE THRUST BLOCKS OF ADEQUATE SIZE AND THRUST BEARING SURFACE TO PREVENT MOVEMENT OF PIPELINE UNDER PRESSURE.
2. PLACE THE BASE AND THRUST BEARING SIDES OF THRUST BLOCK DIRECTLY AGAINST UNDISTURBED EARTH.
3. PLACE THRUST BLOCKING SO THE FITTING JOINTS WILL BE ACCESSIBLE FOR REPAIR.
4. ALL FITTINGS SHALL HAVE MECHANICAL JOINTS WITH MEGA-LUG RETAINER GLANDS BY EBAA IRON, OR FORD WEDGE ACTION RETAINER AND DURATRON SAC-NUTS ON SOF W/ JOINTS.

CITY OF OAK FOREST
STANDARD DETAIL
FOR
THRUST BLOCK INSTALLATIONS

DATE: OCT. 2006
WATER\THRBLK.DWG



NOTES:

1. FILLING OF ANNULAR SPACE BETWEEN CARRIER PIPE AND CASING PIPE WITH SAND OR PEA GRAVEL IS NOT REQUIRED WHEN UTILIZING CASING SPACERS, UNLESS CONTRACTOR IS INSTRUCTED TO DO SO ON PLANS OR IN SPECIFICATIONS.
2. WHERE CARRIER PIPE IS NOT CENTERED IN CASING PIPE, PROVIDE CASING SPACERS WITH LEGS THAT EXTEND TO WITHIN 1-INCH OF CASING INSIDE DIAMETER ON ALL SIDES (RESTRAINED TYPE).
3. PROVIDE AMOUNT OF SPACERS AS INSTRUCTED BY SPACER MANUFACTURER, WITH A MINIMUM OF ONE SPACER ON EACH SIDE OF A PIPE JOINT, AND ONE SPACER BETWEEN JOINTS. (THREE PER PIPE LENGTH)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE)

SCALE: STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-ZIB-1	COOK	184	71
CONTRACT NO. 60K73			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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BAXTER & WOODMAN
Consulting Engineers

DESIGNED	REVISION
PMK	-
BCD	-
SEO	-
3-17-17	FILE - 150577-Det01s01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

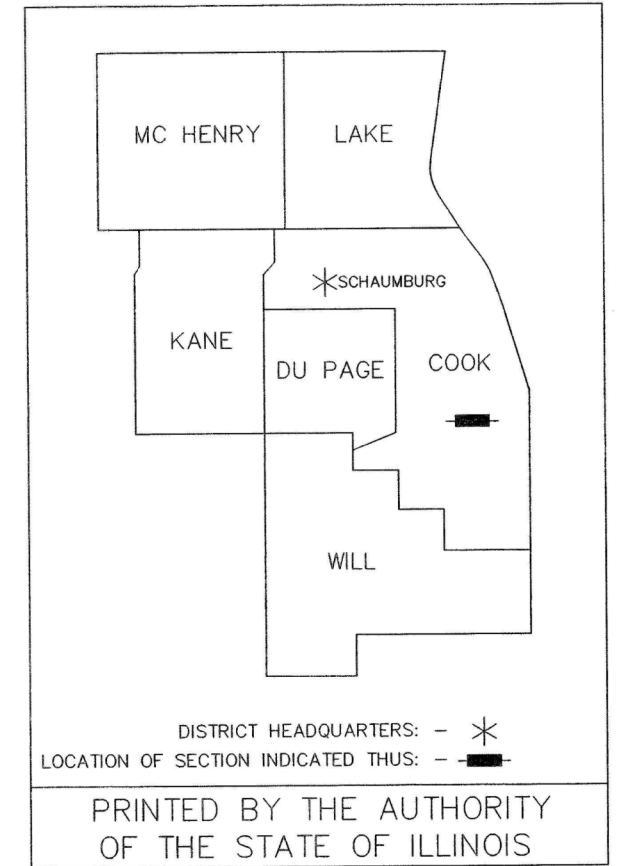
PLAT OF HIGHWAYS

ROUTE: F.A.P. 351 (US ROUTE 6)
SECTION: OVER MIDLOTHIAN CREEK
COUNTY: COOK
LIMITS: OAK AVENUE TO ILLINOIS ROUTE 50 OVER MIDLOTHIAN CREEK
JOB NO.: R-90-002-13

* F.A.P. 351 (US ROUTE 6)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*		COOK	5	1
F.H.W.A. REQ.		ILLINOIS PROJECT		

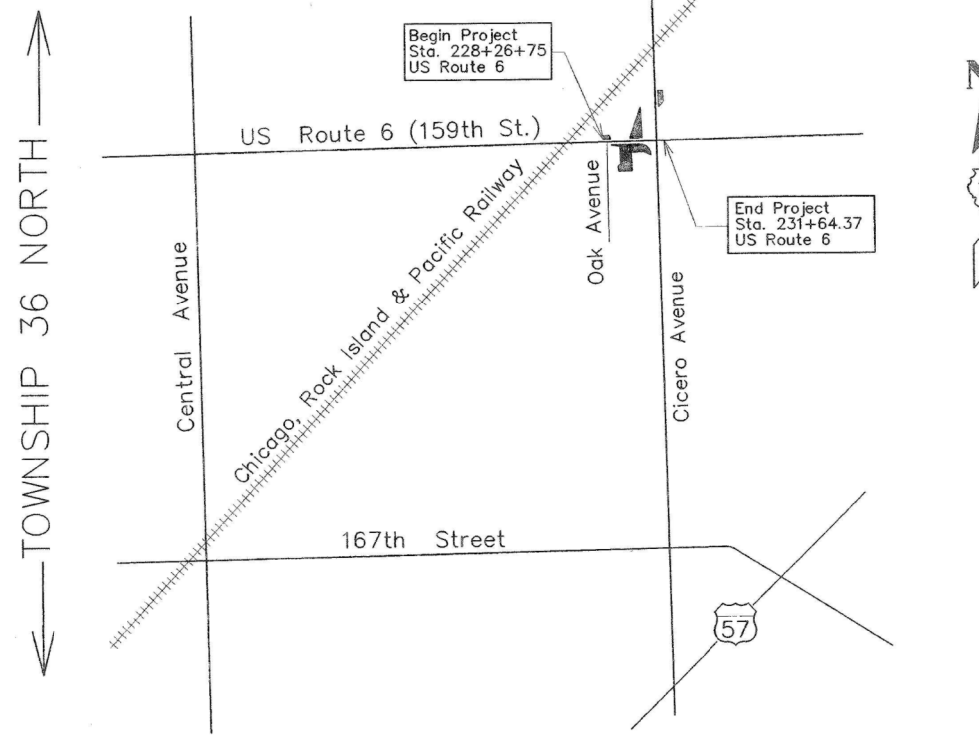
R-90-002-13



AS **IL**

ASM Consultants, Inc.
16 E Wilson St., Batavia IL 60510
Tel (630) 879-0200 Fax (630) 454-3774
advanced@advct.com
Professional Design Firm #184-006014 expires 4/30/2017

← RANGE 13 EAST →



LOCATION MAP

Not to Scale

PROJECT LENGTH = 150 FT. = 0.028 MILE

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
OJW0001 OJW0001TE	First National Acquisition, LLC	2, 3	_____
OJW0002 OJW0002TE	City of Oak Forest, a municipal corporation	2, 3	_____
OJW0003TE	Forest Preserve District of Cook County	2, 3	_____
OJW0004 OJW0004TE	TEW, LLC	2, 3	_____
OJW0005 OJW0005TE-A OJW0005TE-B OJW0005TE-C	City of Oak Forest,	2, 3, 4	_____
OJW0006TE	BSLB, LLC	2, 3	_____
OJW0007TE	City of Oak Forest,	2, 5	_____

↑ TOWNSHIP 36 NORTH ↓



SHEET 1 OF 5 SHEETS

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MAR 13 2017
PLATS & LEGALS

[Signature]

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\C.V1\DI60K73-sht-PlatHW01.dgn



USER NAME = johnn	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JN	REVISED -
PLOT DATE = 6/13/2017	CHECKED - JMT	REVISED -
	DATE - 6/13/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	72
CONTRACT NO. 60K73				

ILLINOIS FED. AID PROJECT

AS DOCUMENT NO.

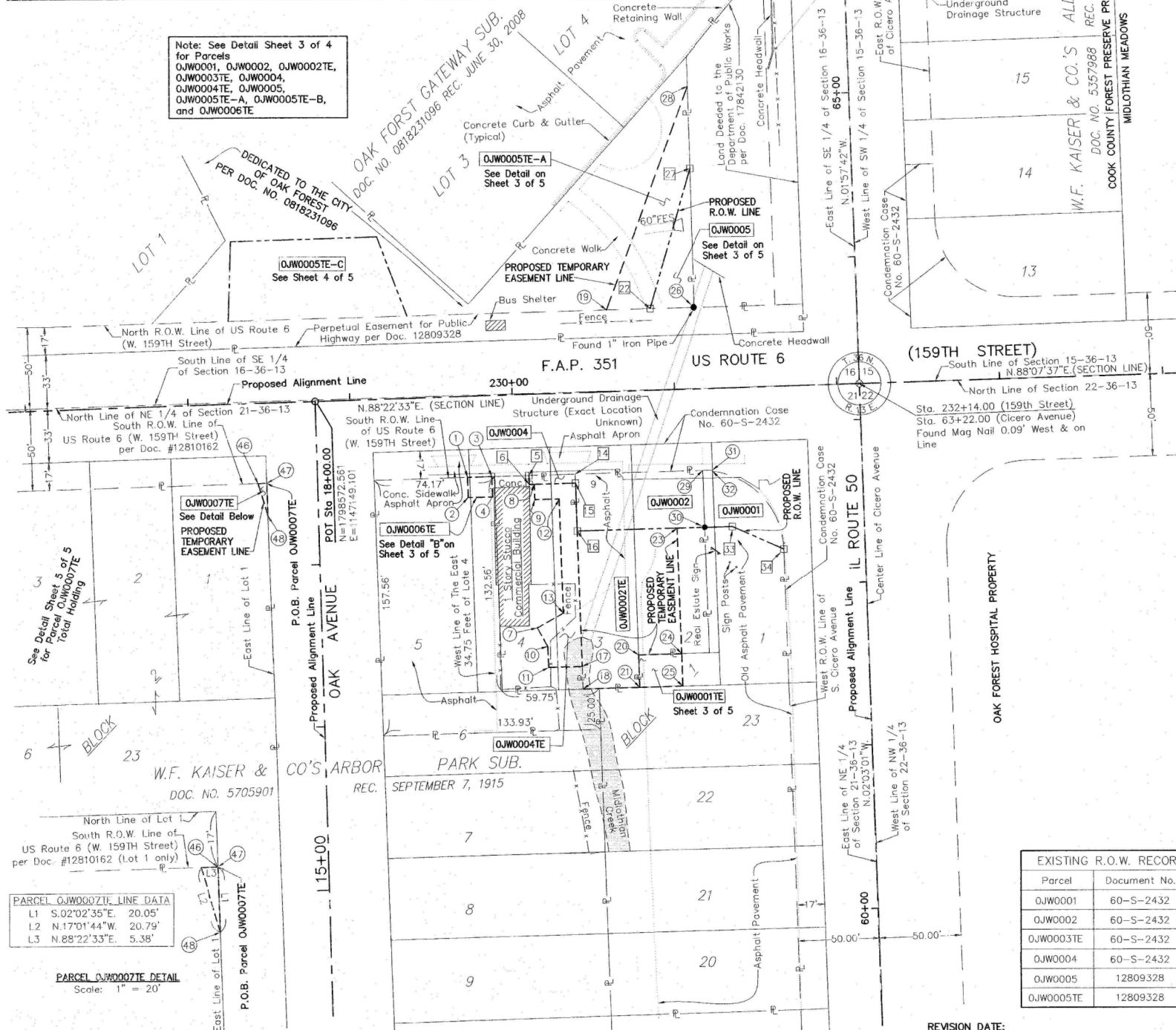
RECORDING: RECORDED ON

NO. 00 000 13

PART OF THE SOUTH HALF OF SECTIONS 15, 16, AND THE NORTH HALF OF SECTIONS 21 AND 22, TWP. 36 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PARCEL INDEX NUMBER
OJW0001	0.692	0.031	N/A	0.661				28-21-205-015 28-21-205-016 28-21-205-017 28-21-205-027 28-21-205-031
OJW0001TE					0.012			
OJW0002	0.220	0.063	N/A	0.157				28-21-205-025 28-21-205-030
OJW0002TE					0.126			
OJW0003TE	0.375	N/A	N/A	N/A	0.047			pt. 28-15-304-002
OJW0004	0.152	0.004 (157 SQ. FT.)	N/A	0.148				28-21-205-074
OJW0004TE					0.038			
OJW0005	2.524	0.026	N/A	2.498				No Pin Per Title Report
OJW0005TE-A					0.057	24		
OJW0005TE-B					0.0005			
OJW0005TE-C					0.113			
OJW0006TE	0.303	N/A	N/A	N/A	0.004	188		28-21-205-001 28-21-205-023 28-21-205-028
OJW0007TE	3.577	N/A	N/A	N/A	0.001	54		28-21-204-027

Note: See Detail Sheet 3 of 4 for Parcels OJW0001, OJW0002, OJW0002TE, OJW0003TE, OJW0004, OJW0004TE, OJW0005, OJW0005TE-A, OJW0005TE-B, and OJW0006TE



COORDINATE TABLE				
STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)				
PT.	STATION	OFFSET	NORTH	EAST
1	229+70.89	49.83' RT.	1798526.065	1147242.844
2	229+70.95	61.88' RT.	1798513.573	1147243.290
3	229+85.89	49.42' RT.	1798526.490	1147257.838
4	229+85.95	61.92' RT.	1798513.999	1147258.285
5	230+08.74	49.48' RT.	1798527.138	1147280.679
6	230+08.72	54.98' RT.	1798521.639	1147280.835
7	230+10.93	143.56' RT.	1798433.174	1147285.792
8	230+11.87	54.99' RT.	1798521.728	1147283.981
9	230+11.85	64.49' RT.	1798512.232	1147284.251
10	230+16.99	155.14' RT.	1798421.792	1147292.203
11	230+17.05	168.06' RT.	1798408.880	1147292.664
12	230+26.88	64.53' RT.	1798512.658	1147299.274
13	230+27.21	135.15' RT.	1798442.081	1147301.797
14	230+37.21	49.56' RT.	1798527.945	1147309.136
15	230+37.23	55.06' RT.	1798522.447	1147309.333
16	230+37.37	84.56' RT.	1798492.967	1147310.388
17	230+37.76	168.11' RT.	1798409.467	1147313.371
18	230+37.83	182.11' RT.	1798395.474	1147313.871
19	230+59.82	50.38' LT.	1798628.536	1147328.642
20	230+72.74	162.21' RT.	1798416.454	1147348.144
21	230+72.83	182.21' RT.	1798396.468	1147348.859
22	230+86.69	50.30' LT.	1798629.296	1147355.501
23	230+98.87	84.72' RT.	1798494.711	1147371.864
24	230+99.24	162.28' RT.	1798417.206	1147374.634
25	230+99.33	182.28' RT.	1798397.220	1147375.349
26	231+13.73	50.23' LT.	1798630.064	1147382.530
27	231+14.02	135.24' LT.	1798714.942	1147380.177
28	231+14.18	185.33' LT.	1798765.112	1147378.787
29	231+16.21	49.77' RT.	1798530.184	1147388.110
30	231+16.38	84.77' LT.	1798495.207	1147389.359
31	231+22.21	49.79' RT.	1798530.354	1147394.107
32	231+22.22	50.54' RT.	1798529.694	1147394.131
33	231+33.24	84.82' RT.	1798495.685	1147406.215
34	231+64.37	99.72' RT.	1798481.756	1147437.792
46	228+42.00	49.04' RT.	1798522.409	1147113.912
47	228+47.38	49.05' RT.	1798522.562	1147119.290
48	228+47.47	69.10' RT.	1798502.525	1147120.005
CICERO AVENUE STATIONING				
35	65+75.01	55.93' LT.	1798833.892	1147419.672
36	65+81.76	50.02' LT.	1798840.840	1147425.341
37	65+88.93	49.98' RT.	1798851.459	1147525.034
38	65+88.92	69.98' RT.	1798852.143	1147545.022
39	65+90.01	50.12' LT.	1798849.085	1147425.057
40	66+91.86	50.01' RT.	1798954.332	1147521.510
41	66+91.85	70.01' RT.	1798955.016	1147541.498

LEGEND

SECTION CORNER: 9 10 16 15

QUARTER SECTION CORNER: 16 15

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

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (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 0.99997849. AREAS SHOWN ON THIS PLAT ARE GROUND. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

IRON PIPE OR ROD FOUND

CUT CROSS FOUND OR SET

"MAG" OR "PK" NAIL SET OR FOUND

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.

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

SCALE: 1" = 40'

STATE OF ILLINOIS)
COUNTY OF KANE) SS

THIS IS TO CERTIFY THAT WE, ASM CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-6014, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 15, 16, 21 AND 22, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 BATAVIA, ILLINOIS THIS 8th DAY OF MARCH 2017, A.D.

[Signature]
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-03377
LICENSE EXPIRATION DATE: 11/30/2018.

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

CHARLES S. MARSHALL
STATE OF ILLINOIS
NO. 035-03377
BATAVIA
ILLINOIS
PROFESSIONAL LAND SURVEYOR

EXISTING R.O.W. RECORDED INFORMATION			
Parcel	Document No.	Date Recorded	
OJW0001	60-S-2432	May 19, 1960	
OJW0002	60-S-2432	May 19, 1960	
OJW0003TE	60-S-2432	May 19, 1960	
OJW0004	60-S-2432	May 19, 1960	
OJW0005	12809328	December 11, 1941	
OJW0005TE	12809328	December 11, 1941	

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MAR 13 2017
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 6 (159TH ST.)

SECTION: OVER MIDLOTHIAN CREEK COOK COUNTY
PROJECT: JOB NO. R-90-002-13
STATION: 228+26.75 TO STATION: 231+64.37
SCALE: 1" = 40' SHEET 2 OF 5

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

FILE NAME = Q:\Engineering\Live\Projects\13003 IDOT DUR\3003 - W 3 Contract No. 60K73\CADD\CADD Sheets\C.V1\DI60K73-ent-Plat\HW02.dgn



USER NAME = johnn	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JN	REVISED -
PLOT DATE = 6/13/2017	CHECKED - JMT	REVISED -
	DATE - 6/13/2017	REVISED -

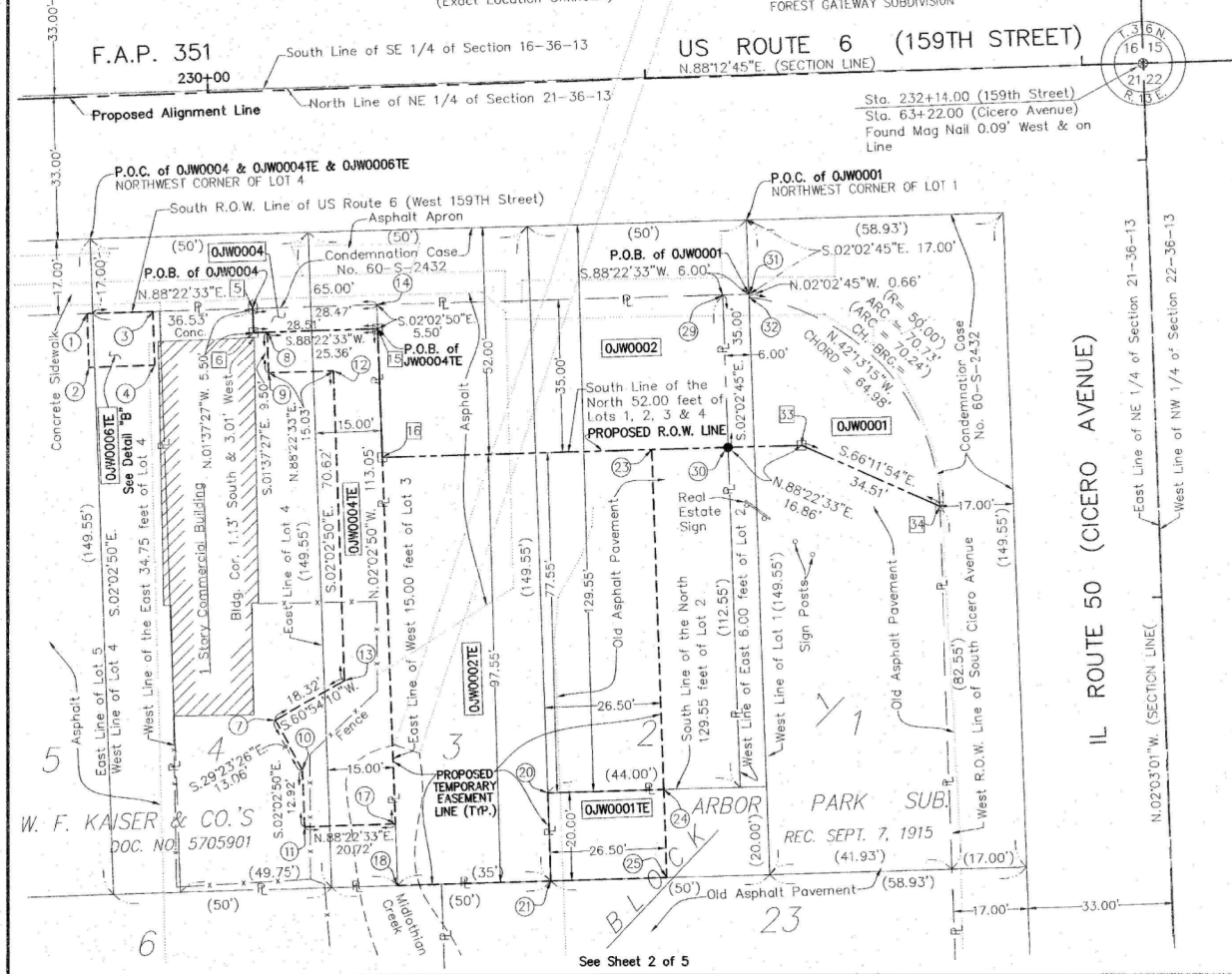
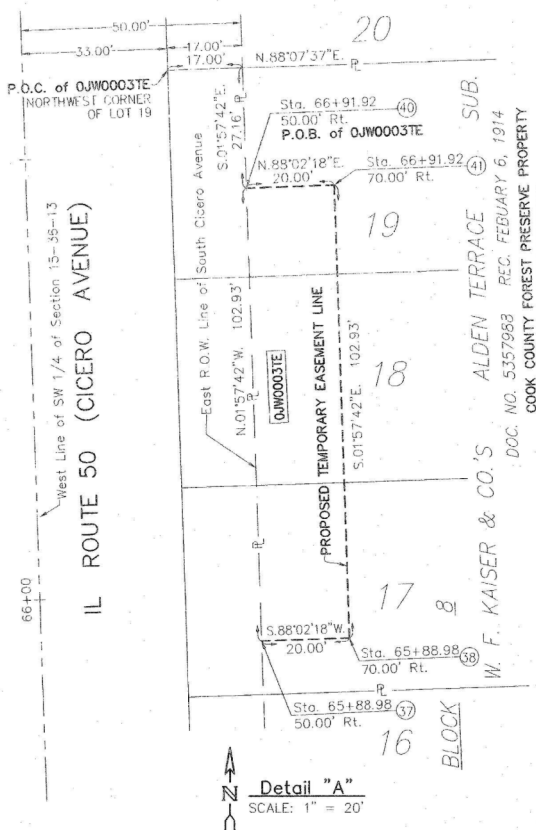
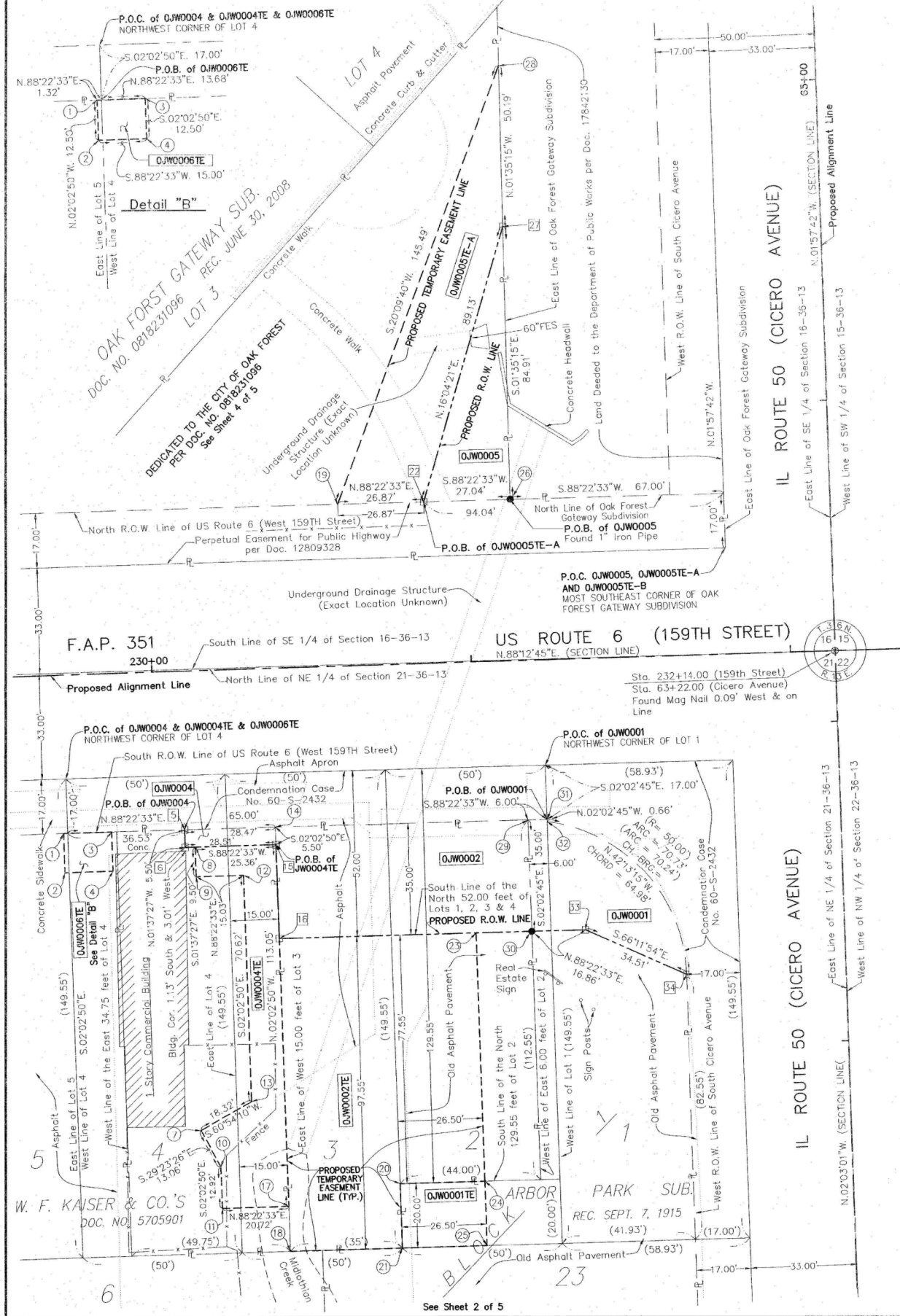
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	73
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

PART OF THE SOUTH HALF OF SECTIONS 15, 16, AND THE NORTH HALF OF SECTIONS 21 AND 22, TWP. 36 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 15

QUARTER SECTION CORNER

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPL APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

AC PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

129.32' (129.32') (COMP)

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (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 0.99997849. AREAS SHOWN ON THIS PLAT ARE GROUND. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

○ IRON PIPE OR ROD FOUND

⊕ "MAG" OR "PK" NAIL SET OR FOUND

+ 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" NCH 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

SCALE: 1" = 20'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	PARCEL INDEX NUMBER
OJW0001	0.692	0.031	N/A	0.661				28-21-205-015 28-21-205-016 28-21-205-017 28-21-205-027 28-21-205-031
OJW0001E					0.012			
OJW0002	0.220	0.063	N/A	0.157				28-21-205-025 28-21-205-030
OJW0002E					0.126			
OJW0003TE	0.375	N/A	N/A	N/A	0.047			pt. 28-15-304-002
OJW0004	0.152	0.004 (157 SQ. FT.)	N/A	0.148				28-21-205-024
OJW0004E					0.038			
OJW0005	2.524	0.026	N/A	2.498				No Pin Per Title Report
OJW0005E-A					0.057	24		
OJW0005E-B					0.0005			
OJW0005E-C					0.113			
OJW0006TE	0.303	N/A	N/A	N/A	0.004	188		28-21-205-001 28-21-205-023 28-21-205-028

COORDINATE TABLE

STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)

PT.	STATION	OFFSET	NORTH	EAST
1	229+70.89	49.83' Rt.	1798526.065	1147242.844
2	229+70.95	61.88' Rt.	1798513.573	1147243.290
3	229+85.89	49.42' Rt.	1798526.490	1147257.838
4	229+85.95	61.92' Rt.	1798513.999	1147258.285
5	230+08.74	49.48' Rt.	1798527.138	1147280.679
6	230+08.72	54.98' Rt.	1798521.639	1147280.835
7	230+10.93	143.56' Rt.	1798433.174	1147285.792
8	230+11.87	54.99' Rt.	1798521.728	1147283.981
9	230+11.85	64.49' Rt.	1798512.232	1147284.251
10	230+16.99	155.14' Rt.	1798421.792	1147292.203
11	230+17.05	168.06' Rt.	1798408.880	1147292.664
12	230+26.88	64.53' Rt.	1798512.658	1147299.274
13	230+27.21	135.15' Rt.	1798442.081	1147301.797
14	230+37.21	49.56' Rt.	1798527.945	1147309.136
15	230+37.23	55.06' Rt.	1798522.447	1147309.333
16	230+37.37	84.56' Rt.	1798492.967	1147310.386
17	230+37.76	168.11' Rt.	1798409.467	1147313.371
18	230+37.83	182.11' Rt.	1798395.474	1147313.871
19	230+59.82	50.38' Lt.	1798628.536	1147328.642
20	230+72.74	162.21' Rt.	1798416.454	1147348.144
21	230+72.83	182.21' Rt.	1798396.468	1147348.859
22	230+86.69	50.30' Lt.	1798629.296	1147355.501
23	230+98.87	84.72' Lt.	1798494.711	1147371.864
24	230+99.24	162.28' Rt.	1798417.206	1147374.634
25	230+99.33	182.28' Rt.	1798397.220	1147375.349
26	231+13.73	50.23' Lt.	1798630.064	1147382.530
27	231+14.02	135.24' Lt.	1798714.942	1147380.177
28	231+14.18	185.33' Lt.	1798765.112	1147378.787
29	231+16.21	49.77' Lt.	1798530.184	1147388.110
30	231+16.38	84.77' Lt.	1798495.207	1147389.359
31	231+22.21	49.79' Rt.	1798530.354	1147394.107
32	231+22.22	50.54' Rt.	1798529.694	1147394.131
33	231+33.24	84.82' Rt.	1798495.685	1147406.215
34	231+64.37	99.72' Rt.	1798481.756	1147437.792

CICERO AVENUE STATIONING

35	65+75.01	55.93' Lt.	1798633.892	1147419.672
36	65+81.76	50.02' Lt.	1798640.840	1147425.341
37	65+88.93	49.98' Lt.	1798851.459	1147525.034
38	65+88.92	69.98' Lt.	1798852.143	1147545.022
39	65+90.01	50.12' Lt.	1798849.085	1147425.057
40	66+91.86	50.01' Rt.	1798954.332	1147521.510
41	66+91.85	70.01' Rt.	1798955.016	1147541.498

STATE OF ILLINOIS)) SS
COUNTY OF KANE))

THIS IS TO CERTIFY THAT WE, ASM CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-6014, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 15, 16, 21 AND 22, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 BATAVIA, ILLINOIS THIS 7th DAY OF FEBRUARY 2017, A.D.

[Signature]
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-3377
LICENSE EXPIRATION DATE: 11/30/2018.

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

ADVANCED SURVEYING & MAPPING

ASM Consultants, Inc.
16 E Wilson St, Batavia IL 60510
Tel (630) 879-0200 Fax (630) 454-3774
advanced@advct.com
Professional Design Firm #184-006014 expires 4/30/2017

ASM PROJECT NO. 777-002

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 6 (159TH ST.)

SECTION: OVER MIDLOTHIAN CREEK COOK COUNTY
PROJECT: JOB NO. R-90-002-13
STATION: 228+26.75 TO STATION: 231+64.37
SCALE: 1" = 20' SHEET 3 OF 5

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

RECEIVED
FEB 07 2017
PLATS & LEGALS

FILE NAME = G:\Engineering\Live\Projects\13003 IDOT DUR\13003 - W 3 Contract No. 60K73\CADD\CADD Sheets\C.V1\160K73-ent-Plat\wg3.dgn



USER NAME	DESIGNED	REVISED
Johnn	-	-
DRAWN	CHECKED	DATE
JN	JMT	6/13/2017

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	74

CONTRACT NO. 60K73

ILLINOIS FED. AID PROJECT

PART OF THE SOUTH HALF OF SECTIONS 15, 16, AND THE NORTH HALF OF SECTIONS 21 AND 22, TWP. 36 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PARCEL INDEX NUMBER
OJW0005	2.524	0.026	N/A	2.498			No Pin Per Title Report
OJW0005TE-A					0.057		
OJW0005TE-B					0.0005	24	
OJW0005TE-C					0.113		

COORDINATE TABLE				
STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011 ADJUSTMENT)				
PT.	STATION	OFFSET	NORTH	EAST
19	230+59.82	50.38' Lt.	1798628.536	1147378.642
22	230+86.69	50.30' Lt.	1798629.296	1147355.501
26	231+13.73	50.23' Lt.	1798630.064	1147382.530
27	231+14.02	135.24' Lt.	1798714.942	1147380.177
28	231+14.18	185.33' Lt.	1798765.112	1147378.787
42	228+26.75	51.10' Lt.	1798621.934	1147095.802
43	228+29.98	100.00' Lt.	1798670.900	1147097.254
44	229+19.98	100.00' Lt.	1798673.707	1147187.210
45	229+36.89	50.79' Lt.	1798625.052	1147205.757
CICERO AVENUE STATIONING				
35	65+75.01	55.93' Lt.	1798833.892	1147419.672
36	65+81.76	50.02' Lt.	1798840.840	1147425.341
39	65+90.01	50.12' Lt.	1798849.085	1147425.057

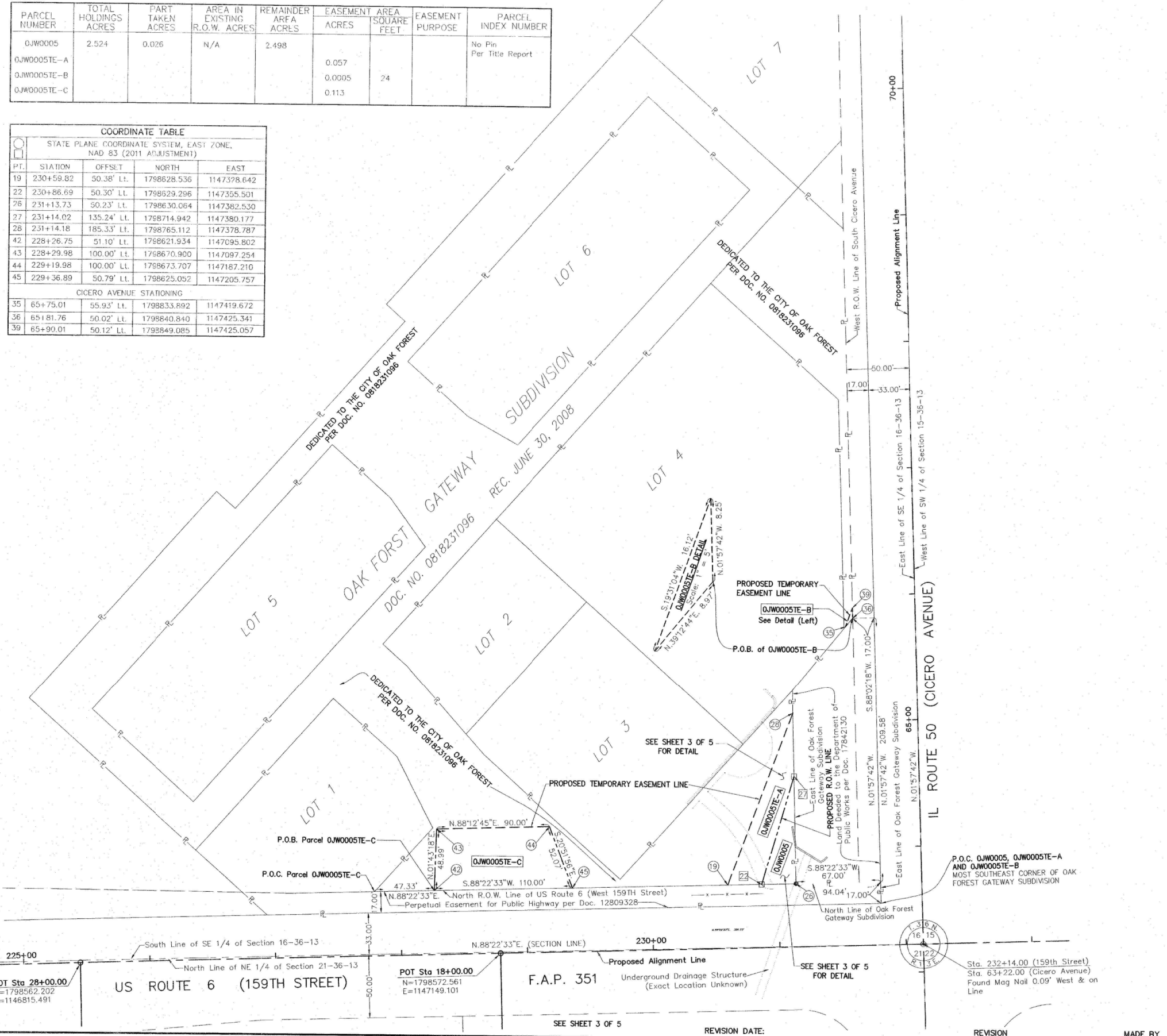
LEGEND

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
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 129.32' (COMP)
 129.32' (129.32')
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 "MAG" OR "PK" NAIL SET OR FOUND
 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.
 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

SCALE: 1" = 40'



BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (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 0.99997849. AREAS SHOWN ON THIS PLAT ARE GROUND. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

STATE OF ILLINOIS)
 COUNTY OF KANE) SS

THIS IS TO CERTIFY THAT WE, ASM CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-6014, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 15, 16, 21 AND 22, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 BATAVIA, ILLINOIS THIS 7th DAY OF FEBRUARY 2017, A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-3377
 LICENSE EXPIRATION DATE: 11/30/2018.

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

ASM PROJECT NO. 777-002

ADVANCED SURVEYING & MAPPING

ASM Consultants, Inc.
 16 E Wilson St, Batavia IL 60510
 Tel (630) 879-0200 Fax (630) 454-3774
 advanced@advct.com
 Professional Design Firm #184-006014 expires 4/30/2017

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 6 (159TH ST.)

SECTION: OVER MIDLOTHIAN CREEK COOK COUNTY
 PROJECT: JOB NO. R-90-002-13
 STATION: 228+26.75 TO STATION: 231+64.37
 SCALE: 1" = 40' SHEET 4 OF 5

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

RECEIVED
 FEB 07 2017
 PLATS & LEGALS

ROUTE: U.S. ROUTE 6 (159TH ST.) SECTION: OVER MIDLOTHIAN CREEK COUNTY: COOK

USER NAME	DESIGNED	REVISED	F.A.P. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
johnn	-	-	351	(537 & 3277-Z/B-1)	COOK	184	75
PLOT SCALE = 2.0000' / in.	CHECKED - JMT	REVISED -	CONTRACT NO. 60K73				
PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISED -	ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
 US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

FILE NAME = Q:\Engineering\Live\Projects\13003 IDOT DUR\13003 - W0 3 Contract No. 60K73\CADD\CADD Sheets\C.V1\160K73-ent-PlotHw04.dgn



PART OF THE SOUTH HALF OF SECTIONS 15, 16, AND THE NORTH HALF OF SECTIONS 21 AND 22, TWP. 36 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PROPOSED ALIGNMENT DETAIL

LEGEND

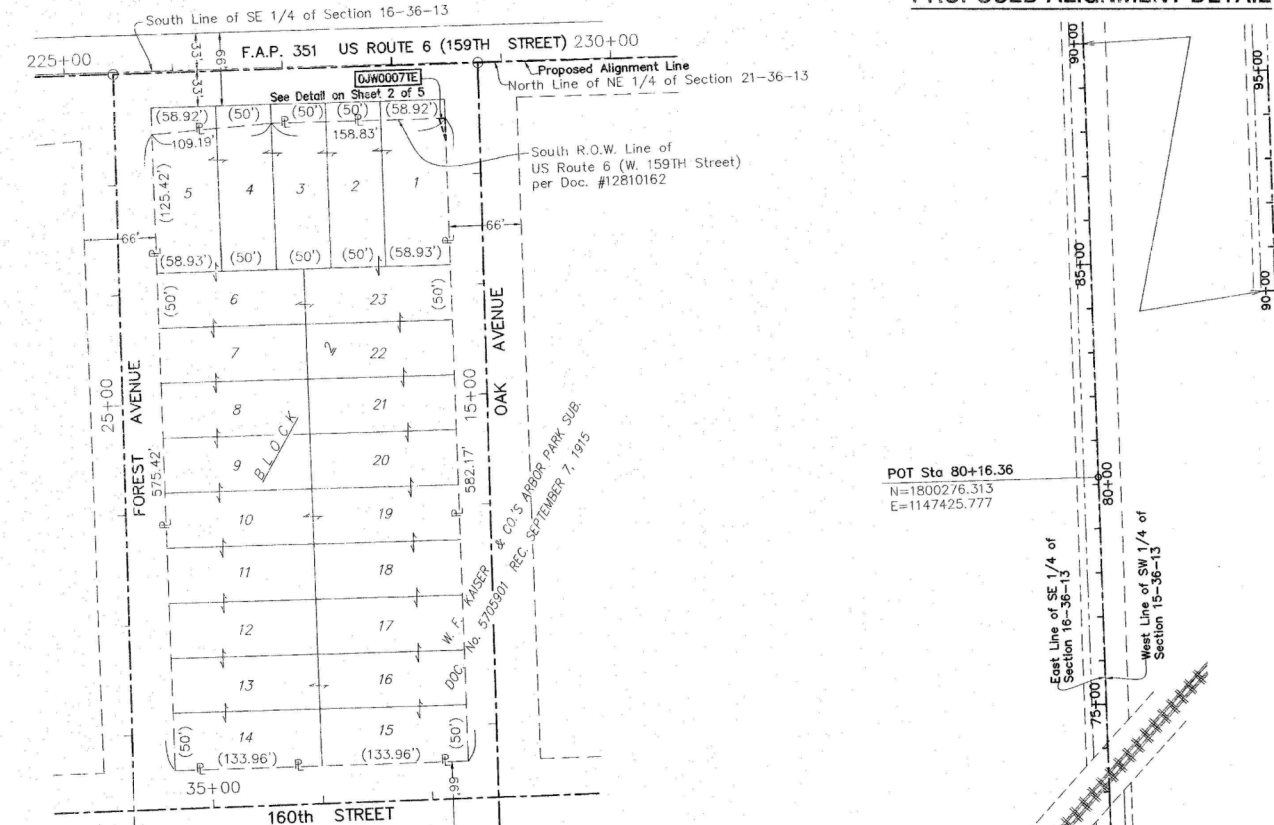
SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PL PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 129.32' (COMP)
 129.32' (129.32')
 RECORDED DIMENSION
 EXISTING BUILDING

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (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 0.99997849. AREAS SHOWN ON THIS PLAT ARE GROUND. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" OR "PK" NAIL SET OR FOUND
 + 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 SURVEYOR'S 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 SURVEYOR'S REGISTRATION NUMBER.
 ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET

SCALE: 1" = 200'



STATE OF ILLINOIS)
 COUNTY OF KANE) SS

THIS IS TO CERTIFY THAT WE, ASM CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-6014, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 15, 16, 21 AND 22, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 BATAVIA, ILLINOIS THIS 8th DAY OF MARCH 2017, A.D.

[Signature]
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-3377
 LICENSE EXPIRATION DATE: 11/30/2018.



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

ADVANCED SURVEYING & MAPPING

ASM

ASM Consultants, Inc.
 16 E Wilson St, Batavia IL 60510
 Tel (630) 879-0200 Fax (630) 454-3774
 advanced@advct.com
 Professional Design Firm #184-006014 expires 4/30/2017

ASM PROJECT NO. 777-002

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 6 (159TH ST.)

SECTION: OVER MIDLOTHIAN CREEK COOK COUNTY
 PROJECT: JOB NO. R-90-002-13
 STATION: 228+26.75 TO STATION: 231+64.37
 SCALE: 1" = 200' SHEET 5 OF 5

MADE BY: BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

RECEIVED
 MAR 13 2017
 PLATS & LEGALS

USER NAME = johnn	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JN	REVISED -
PLOT DATE = 6/13/2017	CHECKED - JMT	REVISED -
	DATE - 6/13/2017	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
 US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)

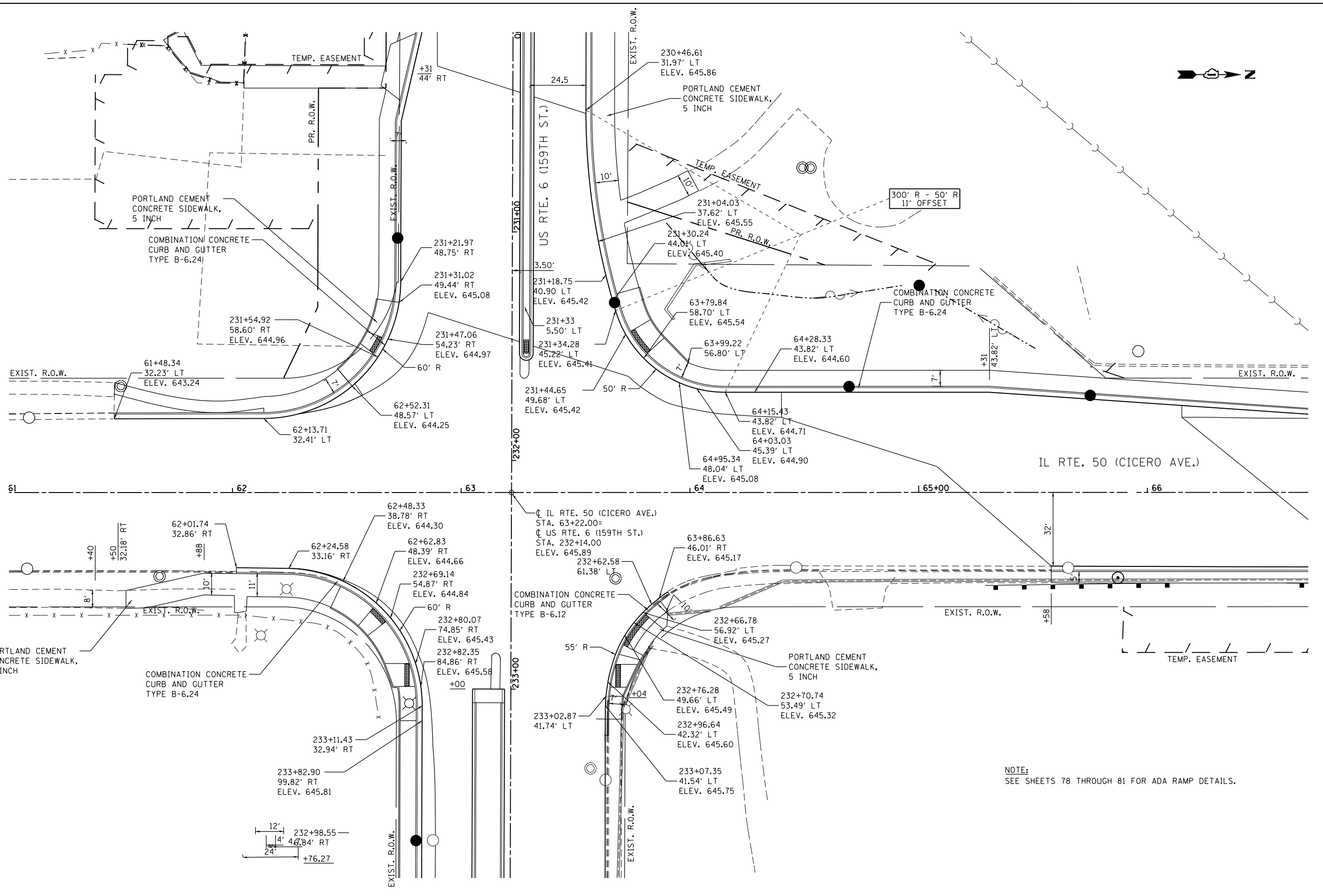
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	76
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = G:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\C.v1\DI60K73-ent-PlotHwy05.dgn



FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-int-Intersect\Desig



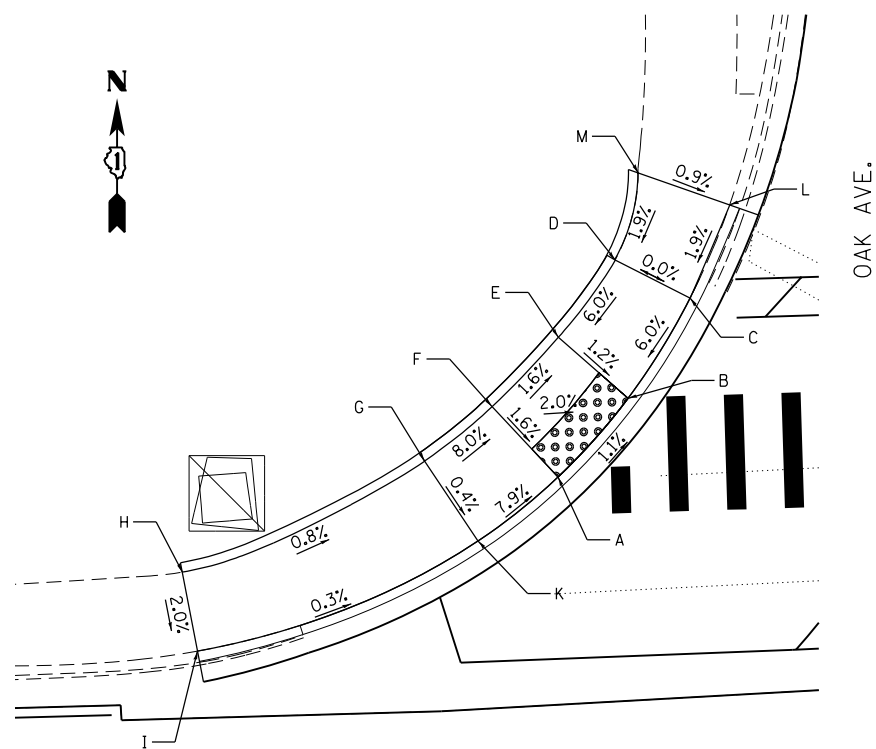
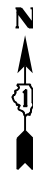
USER NAME = jent	DESIGNED - PP	REVISED -
DRAWN - JN	REVISED -	
CHECKED - JMT	REVISED -	
DATE - 7/31/2017	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	77
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



US RTE. 6 (159TH ST.)

NW RAMP

POINT	STATION	OFFSET	ELEVATION
A	228+31.75	42.87'	645.00
B	228+35.53	46.86'	644.94
C	228+38.92	51.98'	645.30
D	228+35.08	54.08'	645.30
E	228+31.99	50.15'	645.00
F	228+28.43	46.64'	645.08
G	228+24.84	43.92'	645.44
H	228+12.04	38.52'	(645.55)
I	228+12.70	34.39'	(645.47)
K	228+27.49	39.67'	645.42
L	228+36.41	58.58'	(645.39)
M	228+42.54	56.03'	(645.45)

LEGEND



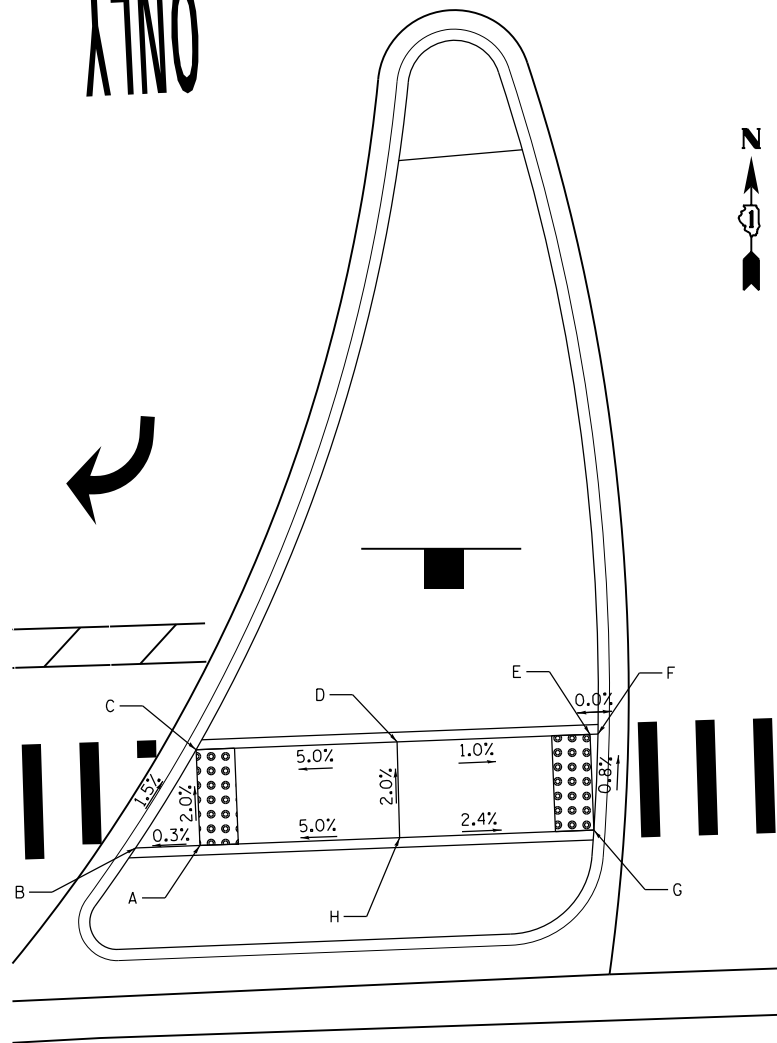
DETECTABLE WARNINGS

() EXISTING ELEVATION/SLOPE

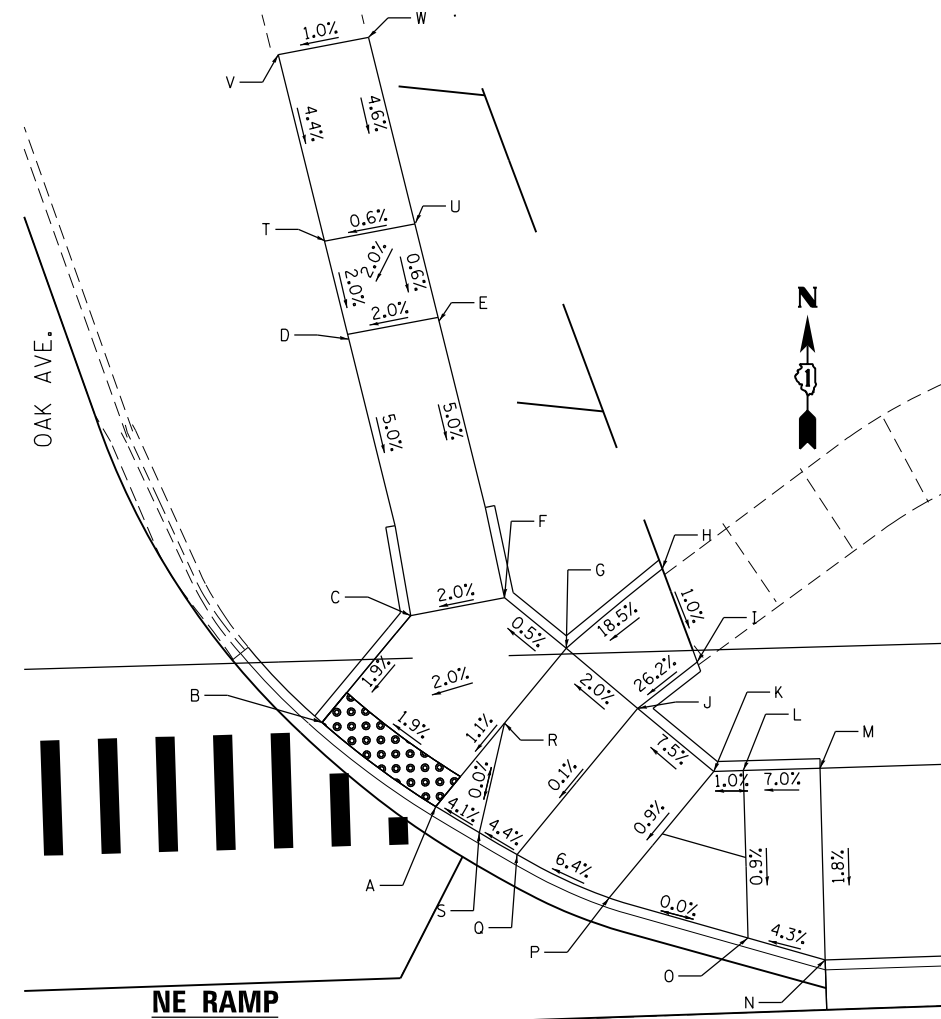
NORTH MEDIAN ISLAND

POINT	STATION	OFFSET	ELEVATION
A	228+55.76	41.34'	645.18
B	228+52.27	41.31'	645.17
C	228+55.59	46.34'	645.08
D	228+66.06	46.42'	645.60
E	228+76.13	46.50'	645.50
F	228+76.54	46.50'	645.50
G	228+76.17	41.50'	645.46
H	228+66.04	41.42'	645.70

ONLY



US RTE. 6 (159TH ST.)



US RTE. 6 (159TH ST.)

POINT	STATION	OFFSET	ELEVATION
A	229+23.11	42.99'	645.23
B	229+17.32	47.56'	645.09
C	229+22.11	52.98'	645.23
D	229+19.34	67.47'	645.98
E	229+24.07	68.26'	646.08
F	229+27.03	53.75'	645.33
G	229+30.17	51.02'	645.35
H	229+35.96	54.99'	(646.55)
I	229+36.91	50.10'	(646.50)
J	229+33.79	47.78'	645.45
K	229+37.65	44.37'	645.84
L	229+39.19	44.37'	645.86
M	229+43.19	44.36'	(646.14)
N	229+43.14	34.38'	(645.96)
O	229+39.16	35.64'	645.78
P	229+32.00	37.95'	645.78

POINT	STATION	OFFSET	ELEVATION
Q	229+27.26	40.36'	645.44
R	229+26.83	47.23'	645.34
S	229+25.34	41.56'	645.34
T	229+19.30	62.60'	646.08
U	229+24.02	63.15'	646.11
V	229+26.83	77.98'	(646.53)
W	229+25.34	78.53'	(646.58)

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - WO 3 Contract No. 60K73\CADD\CADD Sheets\Civil\13003-1-1\13003-1-1.dgn



USER NAME = johnn	DESIGNED - PP	REVISED -
DRAWN - PP	REVISIONS -	
PLOT SCALE = 10.000' / 1"	CHECKED - TGM	REVISIONS -
PLOT DATE = 8/1/2017	DATE - 8/1/2017	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMPS - OAK AVE. - I
US RTE. 6 (159TH ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

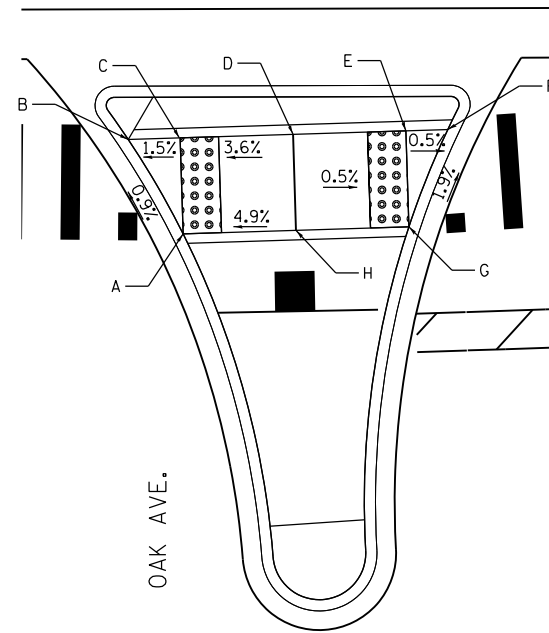
F.A.P. RTE. 351	SECTION (537 & 3277-Z/B-1)	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 78
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SW RAMP

POINT	STATION	OFFSET	ELEVATION
A	228+48.29	43.06	644.92
B	228+55.23	49.34	644.97
C	228+51.30	49.34	645.01
D	228+52.10	63.90	645.76
E	228+47.15	63.40	645.78
F	228+46.38	49.34	645.05
G	228+46.28	48.06	645.03
H	228+31.28	48.02	645.78
I	228+21.28	48.05	645.81
J	228+21.28	43.12	645.79
K	228+31.28	43.08	645.70
L	228+46.29	43.06	644.95
M	228+31.28	68.80	(645.79)
N	228+46.29	69.32	(644.87)

US RTE. 6 (159TH ST.)

US RTE. 6 (159TH ST.)



NE RAMP

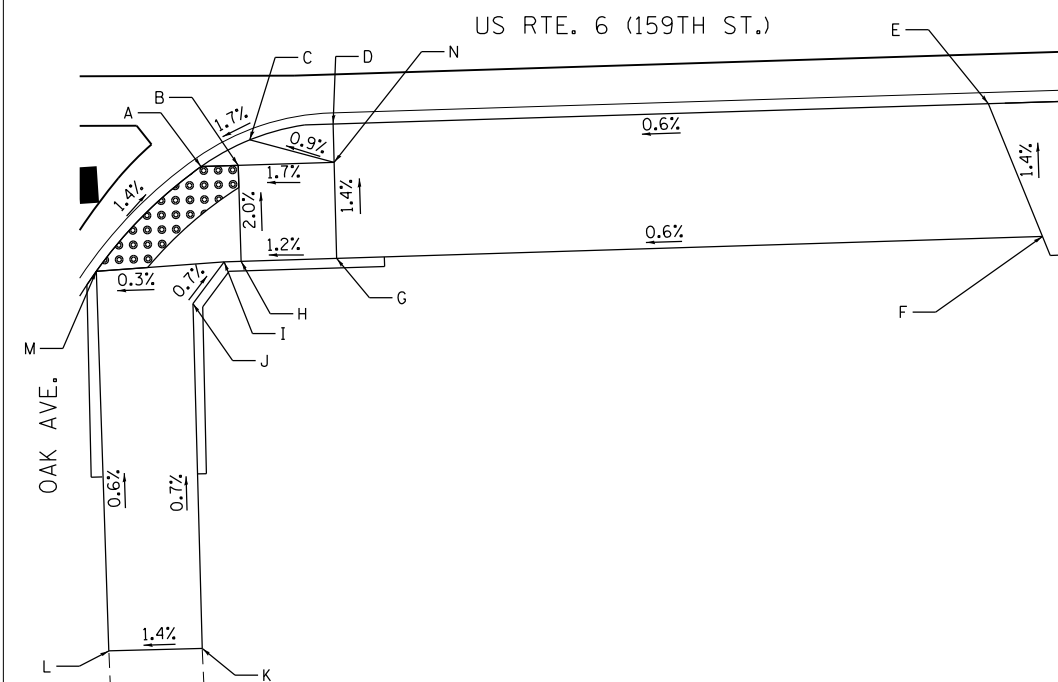
POINT	STATION	OFFSET	ELEVATION
A	229+07.95	43.34'	645.37
B	229+09.89	43.34'	645.40
C	229+10.54	42.02'	645.45
D	229+14.90	41.32'	645.46
E	229+24.93	41.33'	(645.67)
F	229+24.89	48.33'	(645.77)
G	229+14.87	48.33'	645.56
H	228+09.90	48.33	645.50
I	228+09.01	48.33	645.50
J	229+07.31	50.46	645.53
K	229+07.15	68.40	(645.67)
L	229+02.30	68.40	(645.60)
M	229+02.30	48.62	645.48
N	229+14.90	43.32'	645.49

SOUTH MEDIAN ISLAND

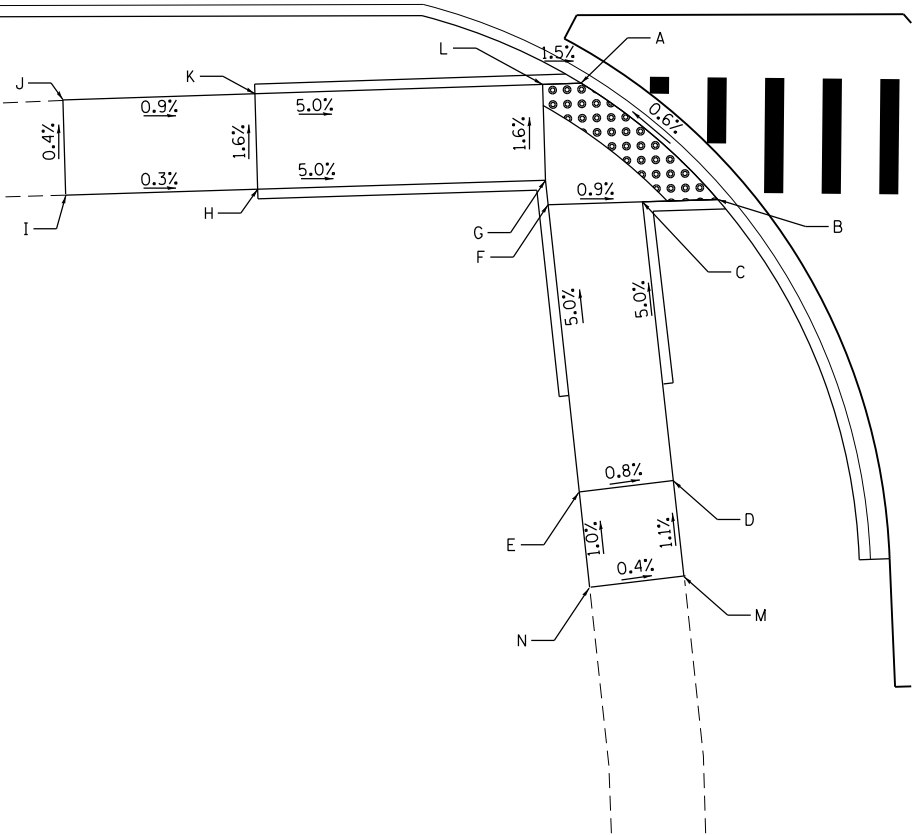
POINT	STATION	OFFSET	ELEVATION
A	228+73.03	49.33'	645.16
B	228+70.32	44.33'	645.11
C	228+73.03	46.34'	645.15
D	228+78.94	44.33'	645.36
E	228+84.79	44.33'	645.33
F	228+86.97	44.33'	645.32
G	228+84.79	49.34'	645.42
H	228+78.91	49.34'	645.45

LEGEND

- DETECTABLE WARNINGS
- () EXISTING ELEVATION/SLOPE



FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - WO 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-Sht-ADA 02.dgn



USER NAME = jent	DESIGNED - PP	REVISED -
PLOT SCALE = 10.000' / in.	DRAWN - PP	REVISED -
PLOT DATE = 6/30/2017	CHECKED - TGM	REVISED -
	DATE - 6/30/2017	REVISED -

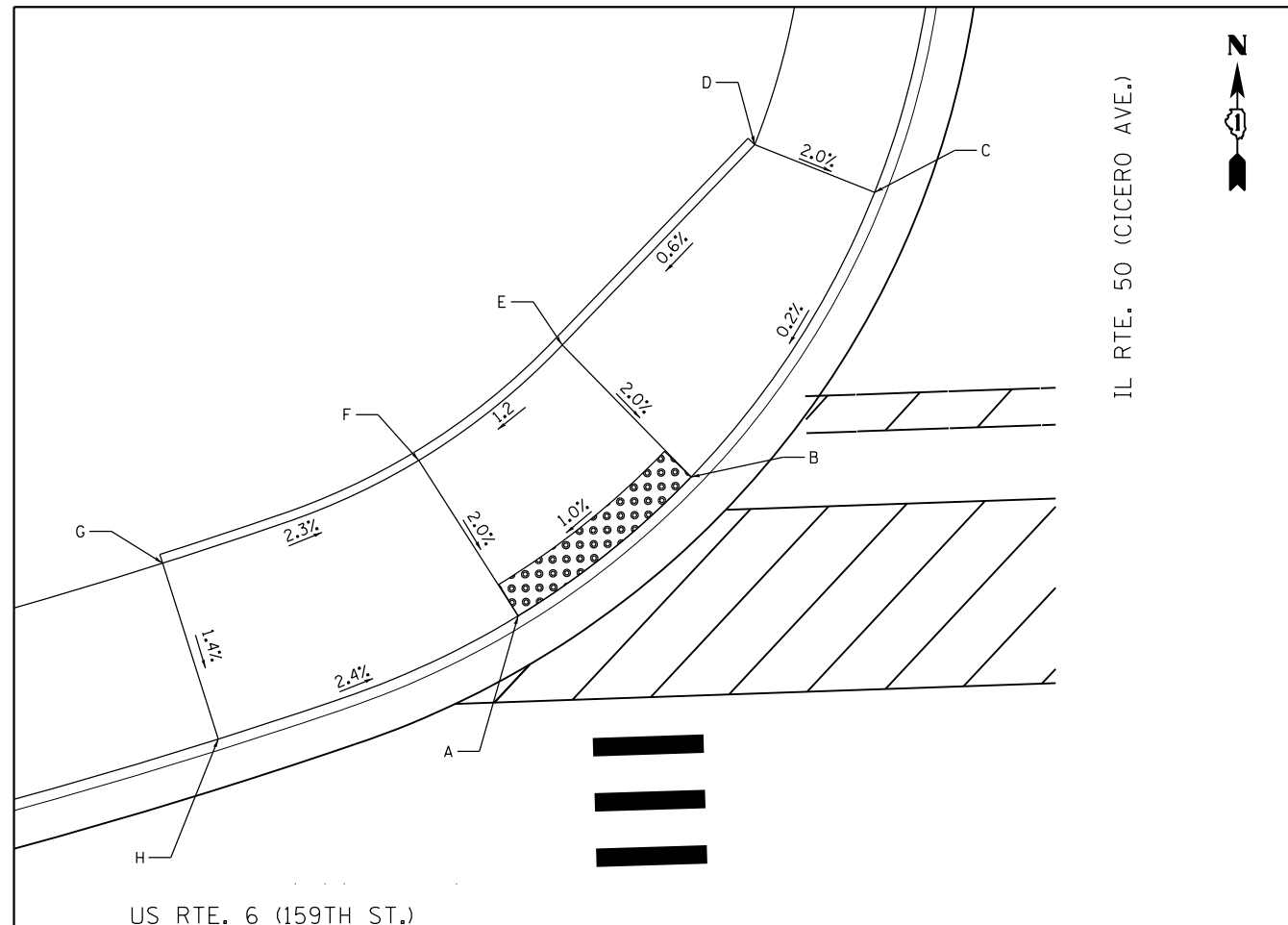
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMPS - OAK AVE. - II
US RTE. 6 (159TH ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	79
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - WD 3 Contract No. 60K73\CADD\CADD Sheets\C.v1\DI60K73-Sht-ADA 03.dgn



IL RTE. 50 (CICERO AVE.)

US RTE. 6 (159TH ST.)

NW RAMP

POINT	STATION	OFFSET	ELEVATION
A	231+43.32	51.90	645.41
B	231+52.93	59.13	645.53
C	231+63.36	74.24	645.50
D	231+56.93	77.02	645.64
E	231+46.16	66.50	645.73
F	231+38.20	60.49	645.61
G	231+24.16	55.35	645.97
H	231+26.87	45.73	645.83

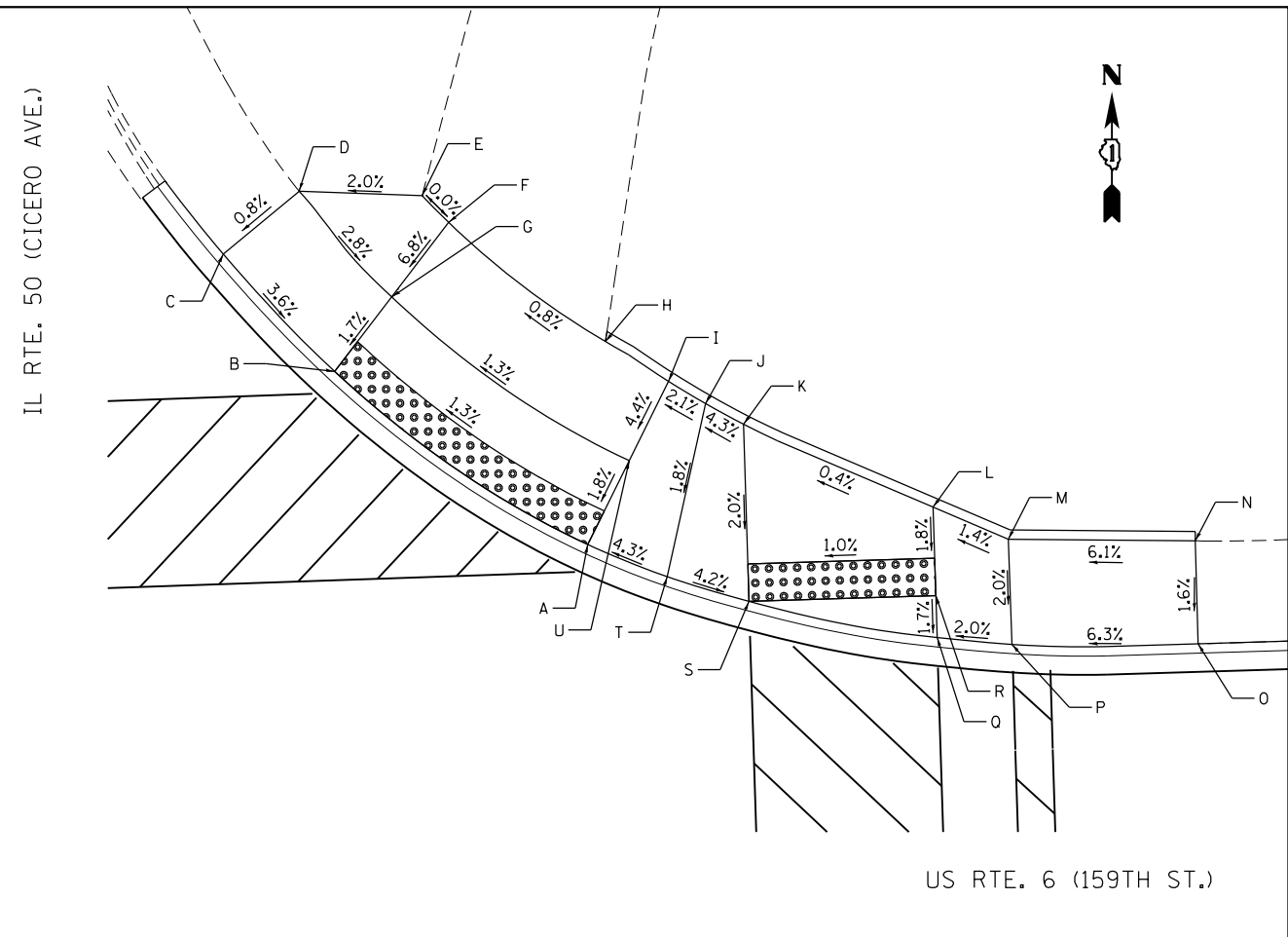
LEGEND



DETECTABLE WARNINGS



EXISTING ELEVATION/SLOPE



IL RTE. 50 (CICERO AVE.)

US RTE. 6 (159TH ST.)

NE RAMP

POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET	ELEVATION
A	232+80.47	49.18	645.48	O	232+99.00	43.62	645.59
B	232+67.22	58.85	645.26	R	232+99.00	45.86	645.63
C	232+61.45	65.31	(645.53)	S	232+89.00	45.86	645.49
D	232+65.62	68.54	(645.57)	T	232+84.66	47.32	645.68
E	232+72.19	68.10	(645.70)	U	232+82.83	53.55	645.58
F	232+73.56	66.62	(645.70)				
G	232+70.40	62.74	645.36				
H	232+81.75	60.00	645.64				
I	232+85.06	57.77	645.67				
J	232+87.01	56.52	645.78				
K	232+89.00	55.35	645.68				
L	232+99.00	50.60	645.72				
M	233+02.97	48.76	645.78				
N	233+12.96	48.36	(646.39)				
O	233+12.96	42.85	(646.30)				
P	233+02.99	43.13	645.67				



USER NAME = johnn	DESIGNED - PP	REVISED -
DRAWN - PP	REVISIONS -	
PLOT SCALE = 10.000' / 1"	CHECKED - TGM	REVISIONS -
PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMPS - IL ROUTE 50 (CICERO AVE.) - I
US ROUTE 6 (159TH ST.)

SCALE: SHEET OF SHEETS STA. TO STA.

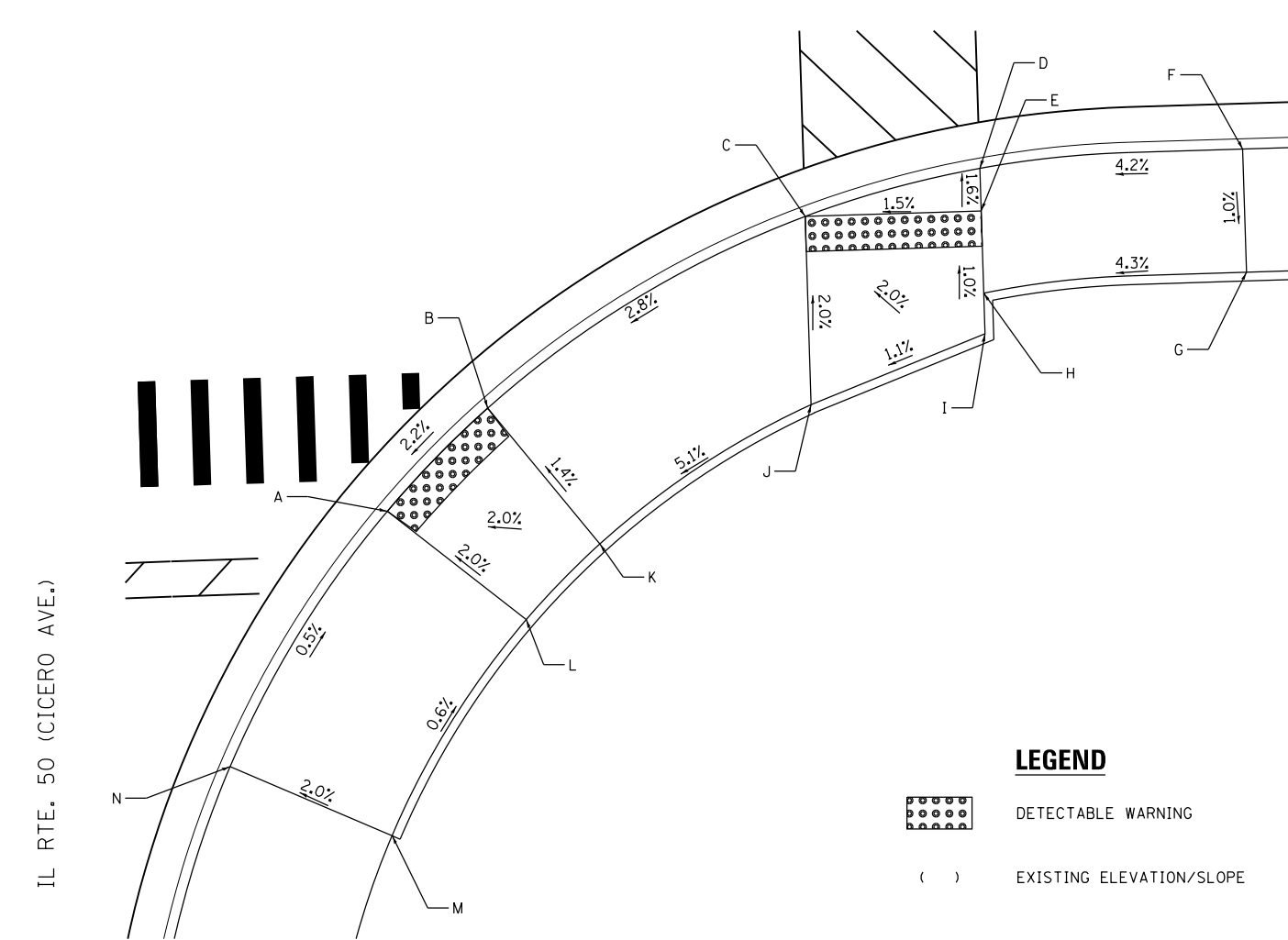
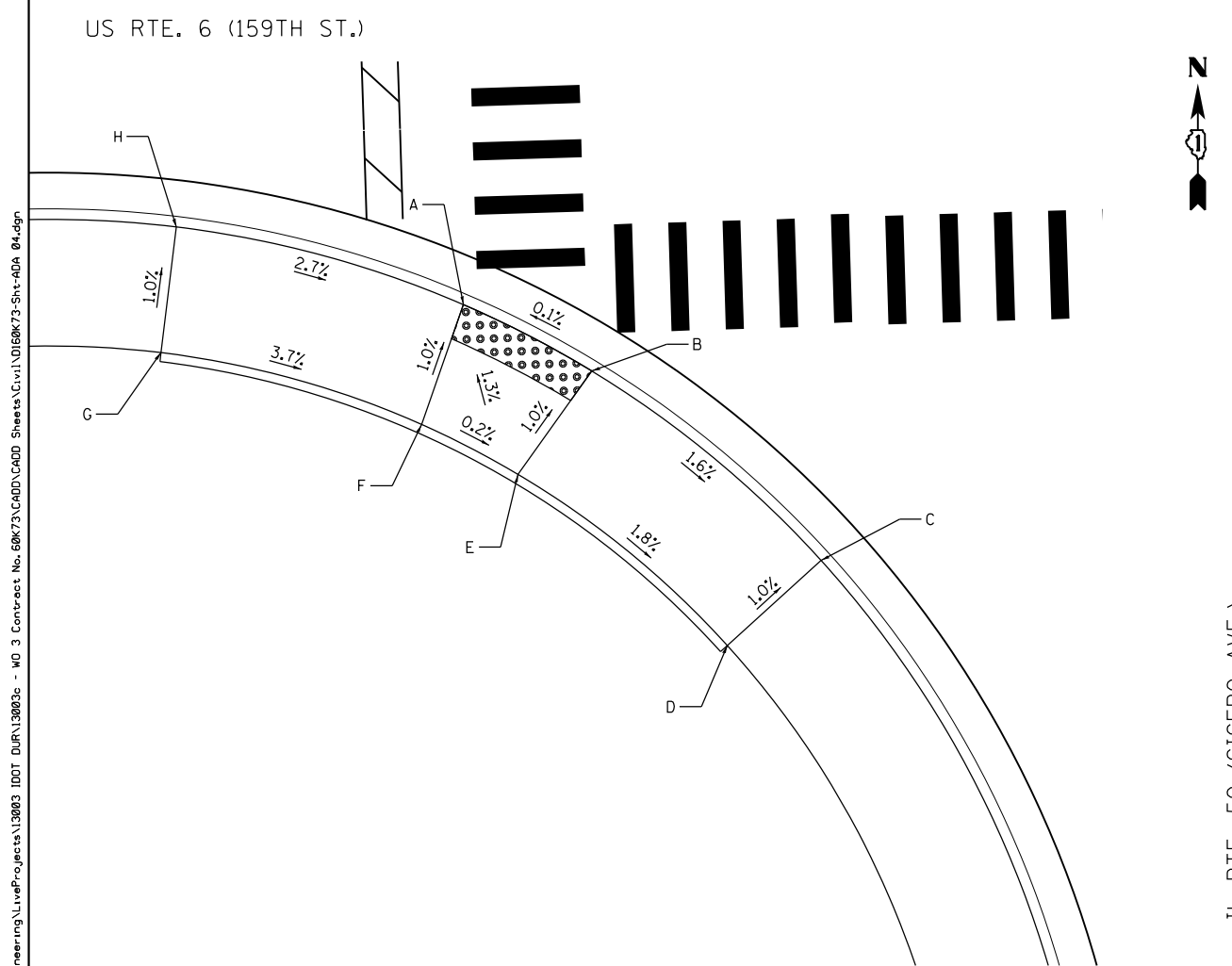
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	80
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SW RAMP

POINT	STATION	OFFSET	ELEVATION
A	231+46.36	56.77	644.91
B	231+53.35	60.66	644.90
C	231+65.69	71.53	644.63
D	231+60.36	76.06	644.70
E	231+49.09	66.25	644.97
F	231+43.85	63.33	644.98
G	231+29.58	58.91	645.53
H	231+30.63	51.99	645.46

SE RAMP

POINT	STATION	OFFSET	ELEVATION
A	232+64.77	60.39	644.60
B	232+70.64	54.72	644.78
C	232+89.00	44.39	645.37
D	232+99.00	41.97	645.52
E	232+99.00	44.39	645.56
F	233+13.96	41.33	646.19
G	233+13.96	48.33	646.26
H	232+99.00	49.05	645.65
I	232+99.00	51.37	645.70
J	232+89.00	55.09	645.58
K	232+76.77	62.63	644.84
L	232+72.46	66.80	644.80
M	232+64.47	78.82	644.88
N	232+55.39	74.62	644.68



LEGEND

DETECTABLE WARNING

EXISTING ELEVATION/SLOPE

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\C.v1\13003c-Sht-ADA 04.dgn



USER NAME = johnn	DESIGNED - PP	REVISED -
DRAWN - PP	REVISOR -	
PLOT SCALE = 10.000' / in.	CHECKED - TGM	REVISOR -
PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMPS - IL ROUTE 50 (CICERO AVE.) - II
US ROUTE 6 (159TH ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

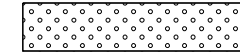
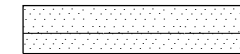
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	81
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

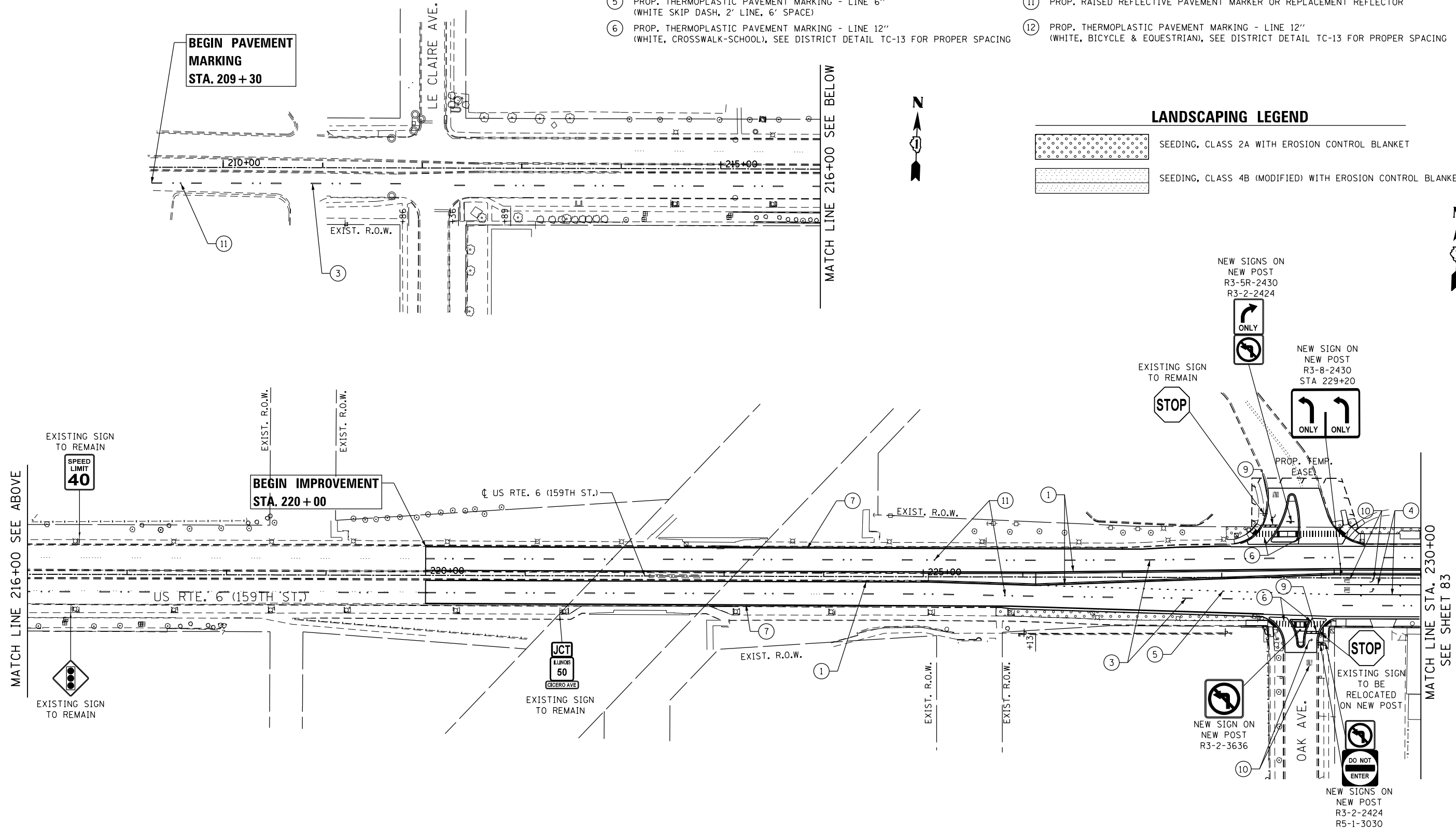
NOTE:
SIGN POSTS FOR SIGN PANEL ASSEMBLIES SHALL BE PAID FOR AS TELESCOPING STEEL SIGN SUPPORT.

PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' LINE 30' SPACE)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' LINE, 6' SPACE)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, CROSSWALK-SCHOOL), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (WHITE)
- ⑪ PROP. RAISED REFLECTIVE PAVEMENT MARKER OR REPLACEMENT REFLECTOR
- ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, BICYCLE & EQUESTRIAN), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING

LANDSCAPING LEGEND

-  SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET
-  SEEDING, CLASS 4B (MODIFIED) WITH EROSION CONTROL BLANKET



FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DURV13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\C1\1D160K73-sat-Pmk03-US-6.dgn



USER NAME = johnn	DESIGNED - AB	REVISED -
	DRAWN - SAT	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DH	REVISED -
PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN
US RTE. 6 (159TH ST.)**

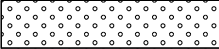
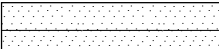
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

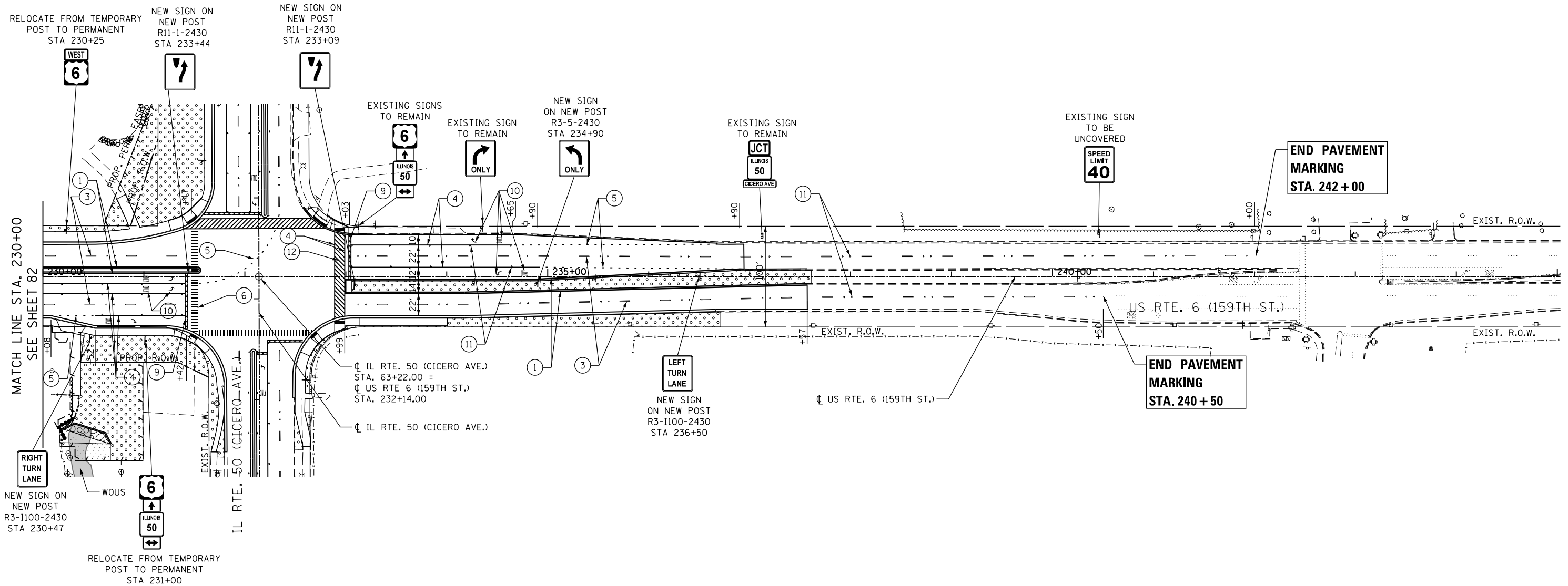
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	82
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' LINE 30' SPACE)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' LINE, 6' SPACE)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, CROSSWALK-SCHOOL), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING
- ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (WHITE)
- ⑪ PROP. RAISED REFLECTIVE PAVEMENT MARKER OR REPLACEMENT REFLECTOR
- ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, BICYCLE & EQUESTRIAN), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING

LANDSCAPING LEGEND

-  SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET
-  SEEDING, CLASS 4B (MODIFIED) WITH EROSION CONTROL BLANKET



**END PAVEMENT MARKING
STA. 242+00**

**END PAVEMENT MARKING
STA. 240+50**

NOTE:
SIGN POSTS FOR SIGN PANEL ASSEMBLIES SHALL BE PAID FOR AS TELESCOPING STEEL SIGN SUPPORT.

FILE NAME = G:\Engineering\LiveProjects\13003 IDOT DURV\3003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\1\1\1\60K73-ent-Pm04-US-6.dgn



USER NAME = johnn	DESIGNED - AB	REVISED -
DRAWN - SAT	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - DH	REVISED -
PLOT DATE = 6/13/2017	DATE - 6/13/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

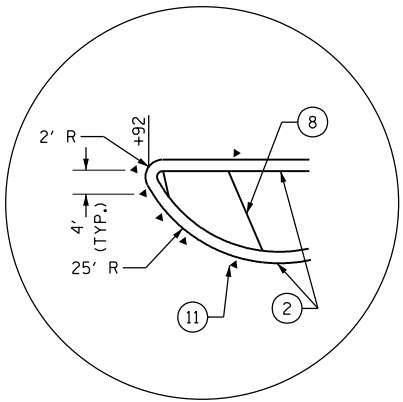
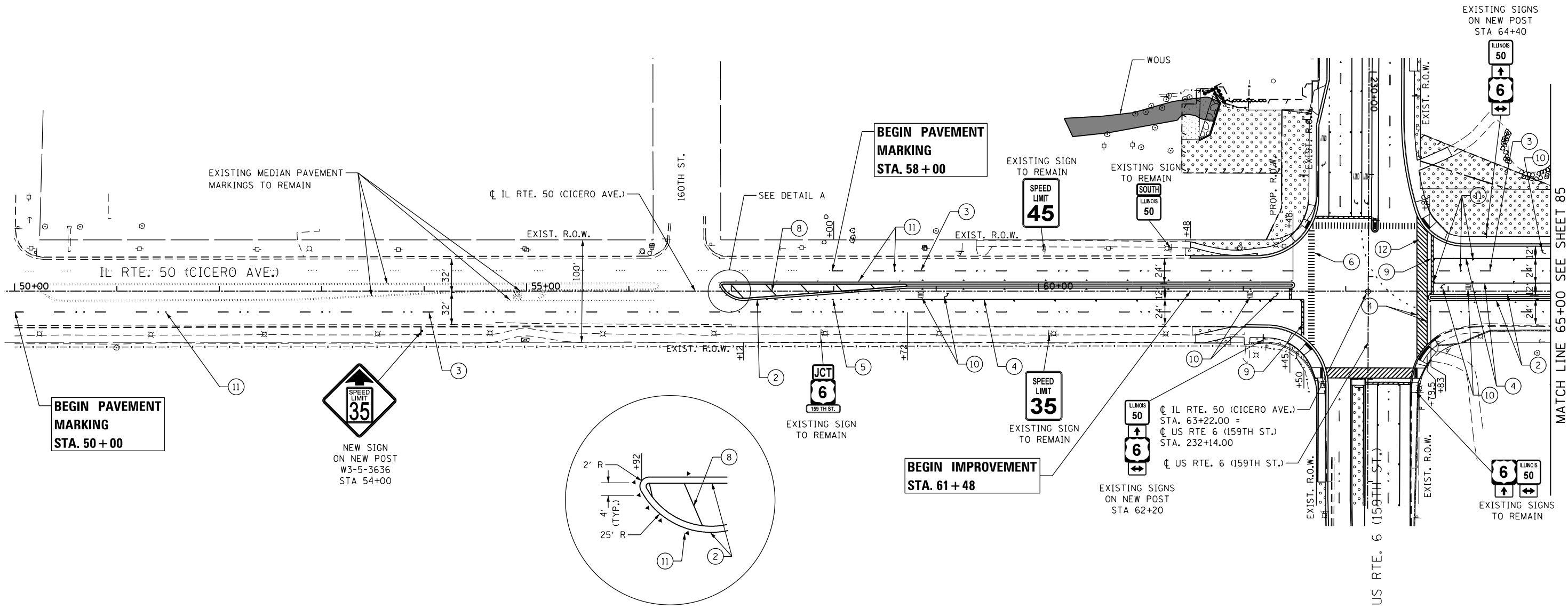
**PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN
US RTE. 6 (159TH ST.)**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	83
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				



NOTE:
SIGN POSTS FOR SIGN PANEL ASSEMBLIES
SHALL BE PAID FOR AS TELESCOPING STEEL
SIGN SUPPORT.



DETAIL A

PAVEMENT MARKING LEGEND

- | | |
|---|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE) |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' LINE 30' SPACE) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE) |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (WHITE) |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' LINE, 6' SPACE) | ⑪ PROP. RAISED REFLECTIVE PAVEMENT MARKER OR REPLACEMENT REFLECTOR |
| ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, CROSSWALK-SCHOOL), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, BICYCLE & EQUESTRIAN), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING |

LANDSCAPING LEGEND

- | | |
|--|--|
| | SEEDING CLASS 2A WITH EROSION CONTROL BLANKET |
| | SEEDING CLASS 4B (MODIFIED) WITH EROSION CONTROL BLANKET |

FILE NAME = D:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\160K73-shr-Pmk01-IL-50.dgn



USER NAME = johnn	DESIGNED - AB	REVISED -
PLOT SCALE = 100.000' / in.	DRAWN - SAT	REVISED -
PLOT DATE = 6/13/2017	CHECKED - JMT	REVISED -
	DATE - 6/13/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

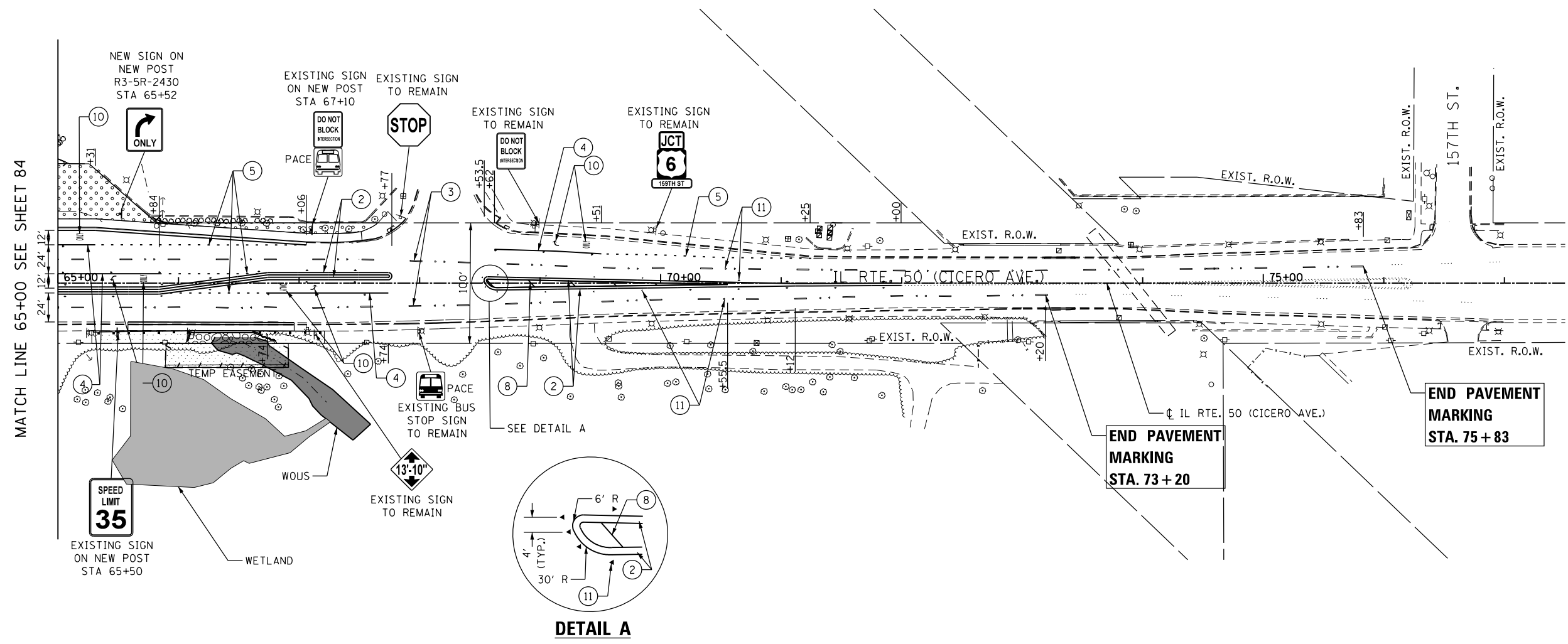
**PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN
IL RTE. 50 (CICERO AVE.)**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	84
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

MATCH LINE 65+00 SEE SHEET 85

NOTE:
SIGN POSTS FOR SIGN PANEL ASSEMBLIES
SHALL BE PAID FOR AS TELESCOPING STEEL
SIGN SUPPORT.



PAVEMENT MARKING LEGEND

- | | |
|---|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE) |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' LINE 30' SPACE) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE) |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (WHITE) |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' LINE, 6' SPACE) | ⑪ PROP. RAISED REFLECTIVE PAVEMENT MARKER OR REPLACEMENT REFLECTOR |
| ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, CROSSWALK-SCHOOL), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, BICYCLE & EQUESTRIAN), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING |

LANDSCAPING LEGEND

- | | |
|--|---|
| | SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4B (MODIFIED) WITH EROSION CONTROL BLANKET |

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DURV\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\01\0160K73-sht-Pmk02-IL-50.dgn



USER NAME = johnn	DESIGNED - AB	REVISED -
PLOT SCALE = 100.000' / in.	DRAWN - SAT	REVISED -
PLOT DATE = 6/13/2017	CHECKED - DH	REVISED -
	DATE - 6/13/2017	REVISED -

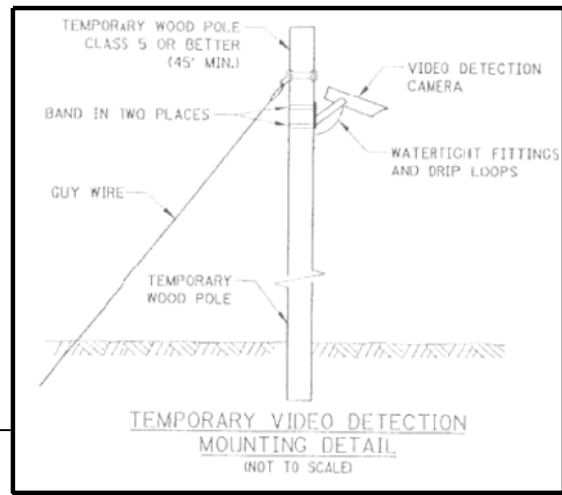
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN
IL RTE. 50 (CICERO AVE.)**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	85
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

MATCH LINE 65+10



TEMPORARY WOOD POST FOR PEDESTRIAN PUSH BUTTON STA. 231+58.4, 73.2' LT

TEMPORARY WOOD POLE STA. 231+60, 82.1' LT

TEMPORARY WOOD POLE STA. 232+66.7, 77.8' LT

TEMPORARY AERIAL INTERCONNECT TO OAK FOREST HOSPITAL DRIVE

TEMPORARY INTERCONNECT TO OAK FOREST HOSPITAL DRIVE FROM AERIAL TO UNDERGROUND CONDUIT AT STA 236+33.40

US RTE. 6 (159TH ST.) EXIST. R.O.W.

IL RTE. 50 (CICERO AVE.) EXIST. R.O.W.

MATCH LINE 65+10 EXIST. R.O.W.

US RTE. 6 (159TH ST.) EXIST. R.O.W.

IL RTE. 50 (CICERO AVE.) EXIST. R.O.W.

MATCH LINE 61+22

MATCH LINE 61+22

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR 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)
- 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH TRAFFIC SIGNAL POST
- 3 EACH 3-SECTION SIGNAL HEAD
- 10 EACH 5-SECTION SIGNAL HEAD
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH BUTTON
- 1 EACH SERVICE INSTALLATION
- 8 EACH TRAFFIC SIGNAL BACKPLATE

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND RETURNED TO THE CITY OF OAK FOREST:

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

NOTES:

1. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
2. THE CONTRACTOR SHALL INSTALL THE WOOD POLE AS SHOWN IN THE PLAN AND CONNECT THE AERIAL CABLE TO THE EXISTING HANDHOLE USING 2" CONDUIT. THIS WORK IS INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
3. SEE SHEETS 87 THROUGH 90 FOR RELOCATION OF SIGNAL HEADS TO ALIGN WITH TRAFFIC IN STAGES I TO III.

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

**TS 170
ECON 135**

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\13003c-w0-3-Contr-ef-fs.dgn



USER NAME = johnn	DESIGNED - SAT	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JN	REVISED -
PLOT DATE = 7/21/2017	CHECKED - DH	REVISED -
	DATE - 7/21/2017	REVISED -

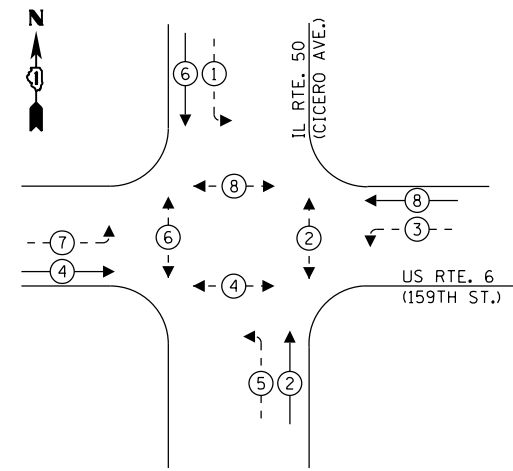
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
US ROUTE 6 (159TH ST.) AT IL ROUTE 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-2)B-1	COOK	184	86
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

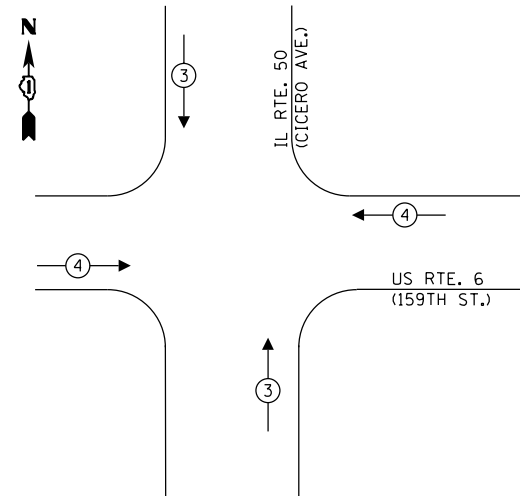
TEMPORARY CONTROLLER SEQUENCE – PRE-STAGE I



LEGEND:

- ← (⊙) ← PROTECTED PHASE
- ← (⊙) ← PROTECTED/PERMITTED PHASE
- ← (⊙) ← PEDESTRIAN PHASE
- ← (⊙) ← OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE – PRE-STAGE I



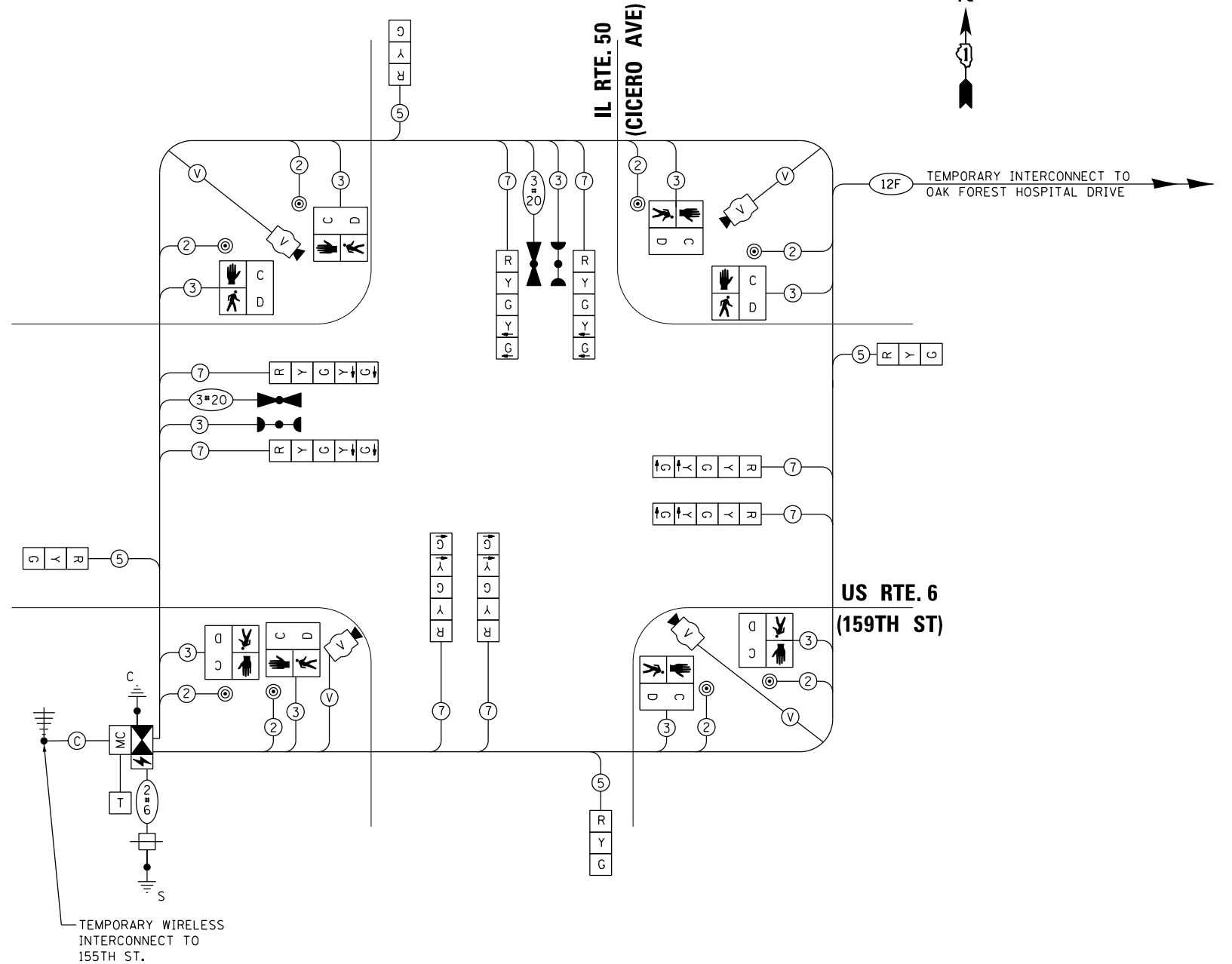
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
MASTER CONTROL	1	100	-	100.0
TOTAL =				693.8

ENERGY COSTS TO:

CITY OF OAK FOREST
15440 S. CENTRAL AVE.
OAK FOREST, IL 60452

ENERGY SUPPLY: CONTACT: LEONARD ANDERSON
PHONE: (708) 235-2346
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



TEMPORARY CABLE PLAN – PRE-STAGE I

NOT TO SCALE

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

**TS 170
ECON 135**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US ROUTE 6 (159TH ST.) AT IL ROUTE 50 (CICERO AVE.)
SCALE: NONE SHEET OF SHEETS STA. TO STA.

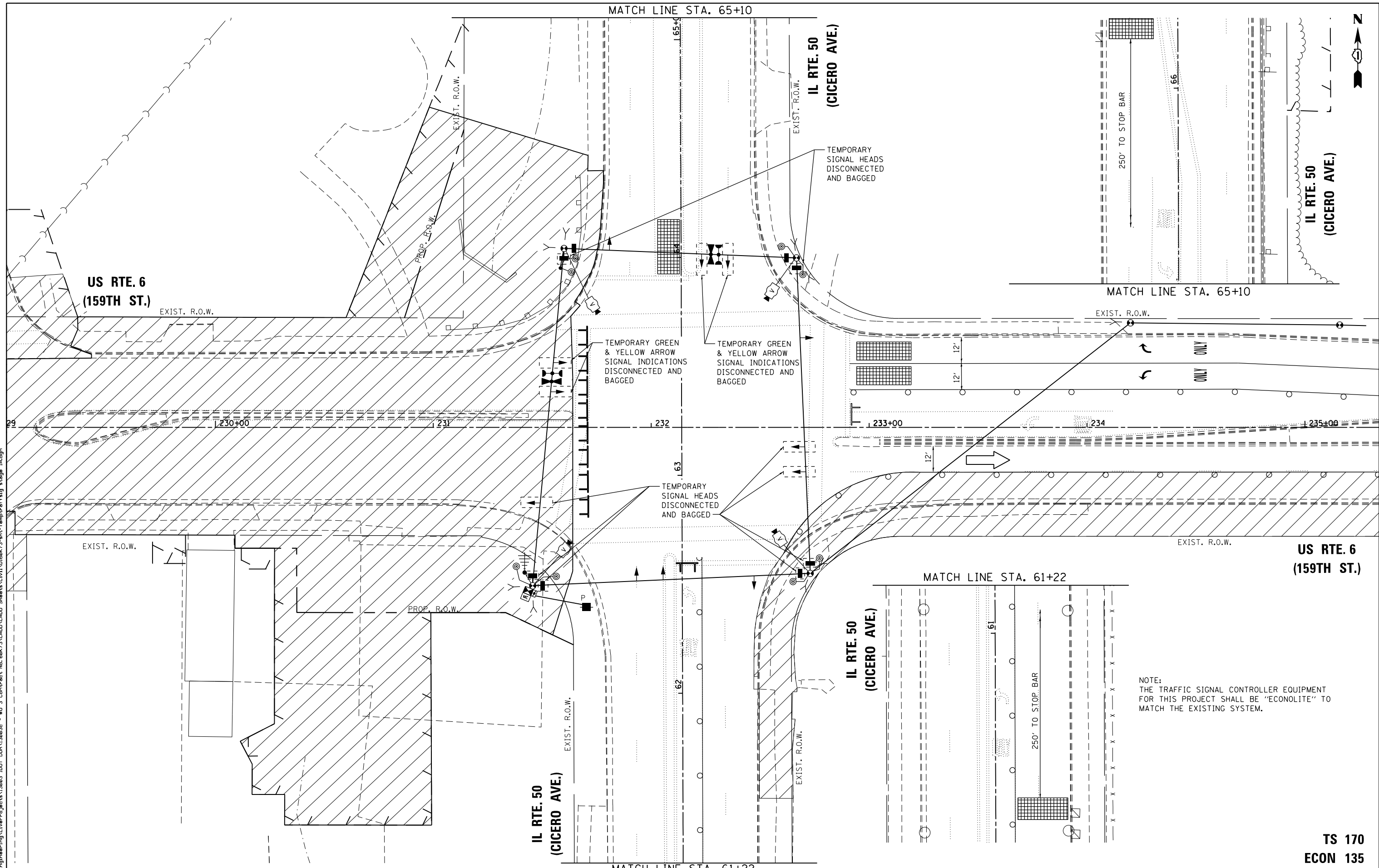
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	87
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = D:\Engineering\LiveProjects\13083 IDOT DUR\13083 - W0 3 Contract No. 60K73\CADD\CADD Sheets\C.v1\160K73-int-Temptr-offsigldio-Pre stage-1.dgn



USER NAME = johnn
DESIGNED - SAT
DRAWN - SAT
PLOT SCALE = 40.0000' / in.
CHECKED - TGM
PLOT DATE = 7/21/2017
DATE - 7/21/2017
REVISED -
REVISED -
REVISED -
REVISED -

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-int-Temptraffsig stage 1A.dgn



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

TS 170
ECON 135



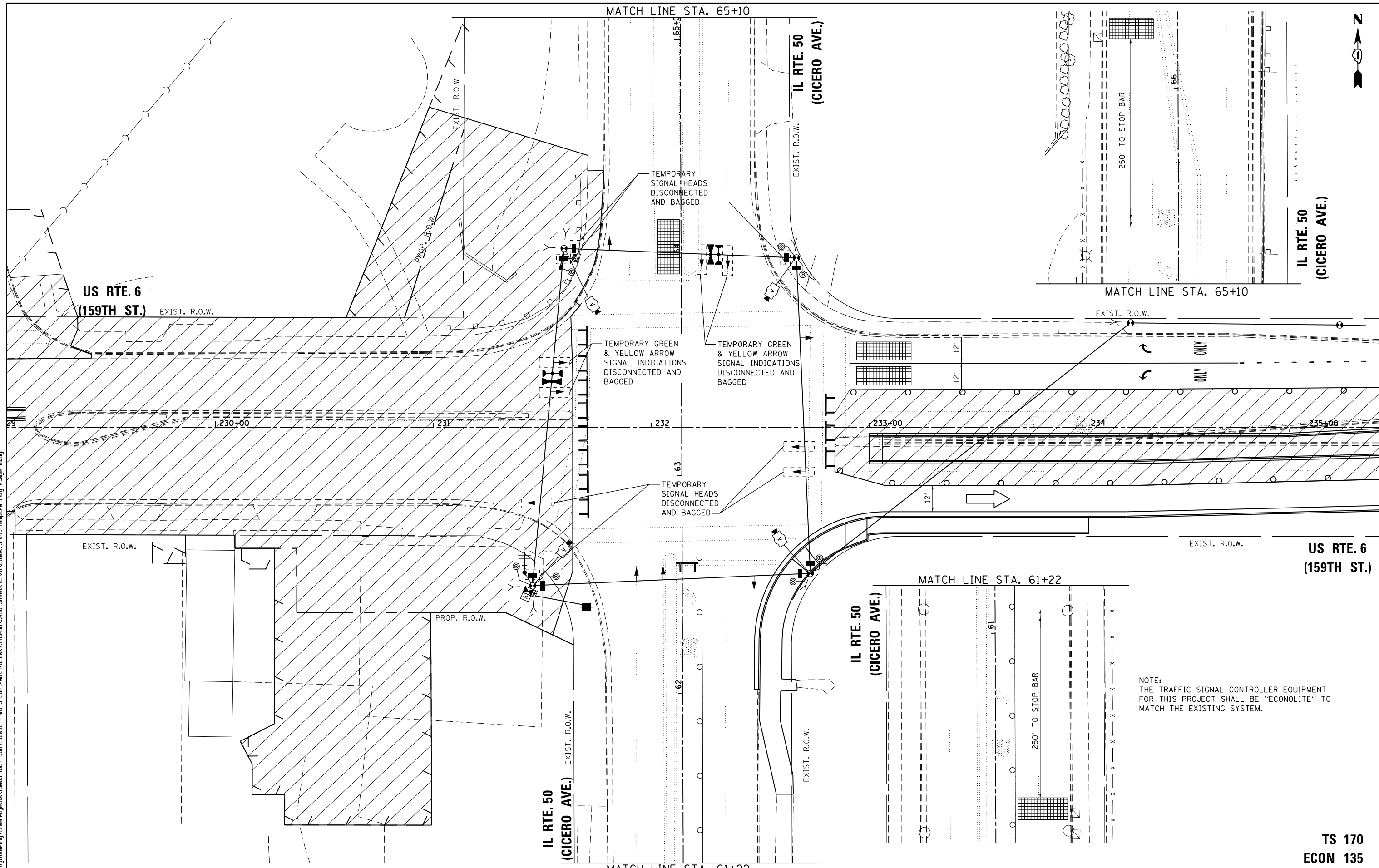
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PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
STAGE IA
US ROUTE 6 (159TH ST.) AT IL ROUTE 50 (CICERO AVE.)
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	88
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-Temptraffsig stage 1B.dgn



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

TS 170
ECON 135



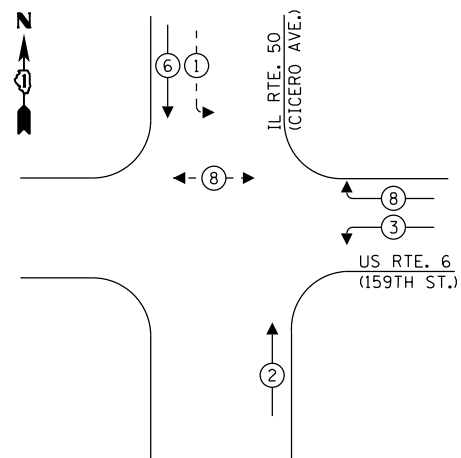
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CHECKED - TGM	REVISIONS -	
DATE - 7/21/2017	REVISIONS -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

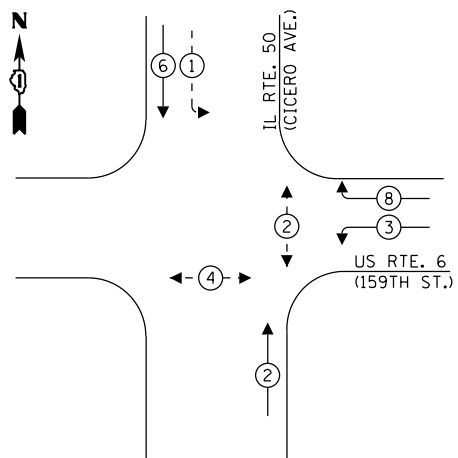
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
STAGE 1B
US ROUTE 6 (159TH ST.) AT IL ROUTE 50 (CICERO AVE.)
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	89
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

**TEMPORARY CONTROLLER
SEQUENCE – STAGE IA**



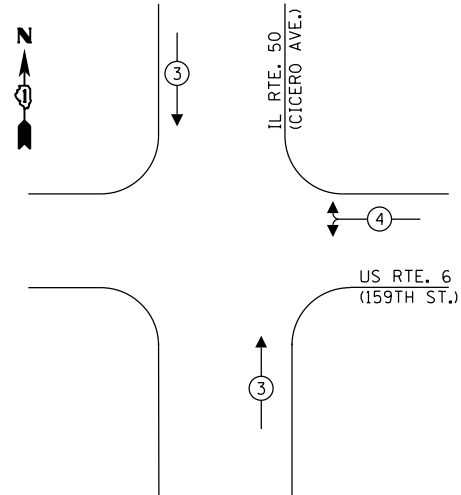
**TEMPORARY CONTROLLER
SEQUENCE – STAGE IB**



LEGEND:

- ⊙ — PROTECTED PHASE
- ⊙ — PROTECTED/PERMITTED PHASE
- ⊙ — PEDESTRIAN PHASE
- ⊙ — OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE

**TEMPORARY EMERGENCY VEHICLE
PREEMPTION SEQUENCE – STAGES IA & IB**



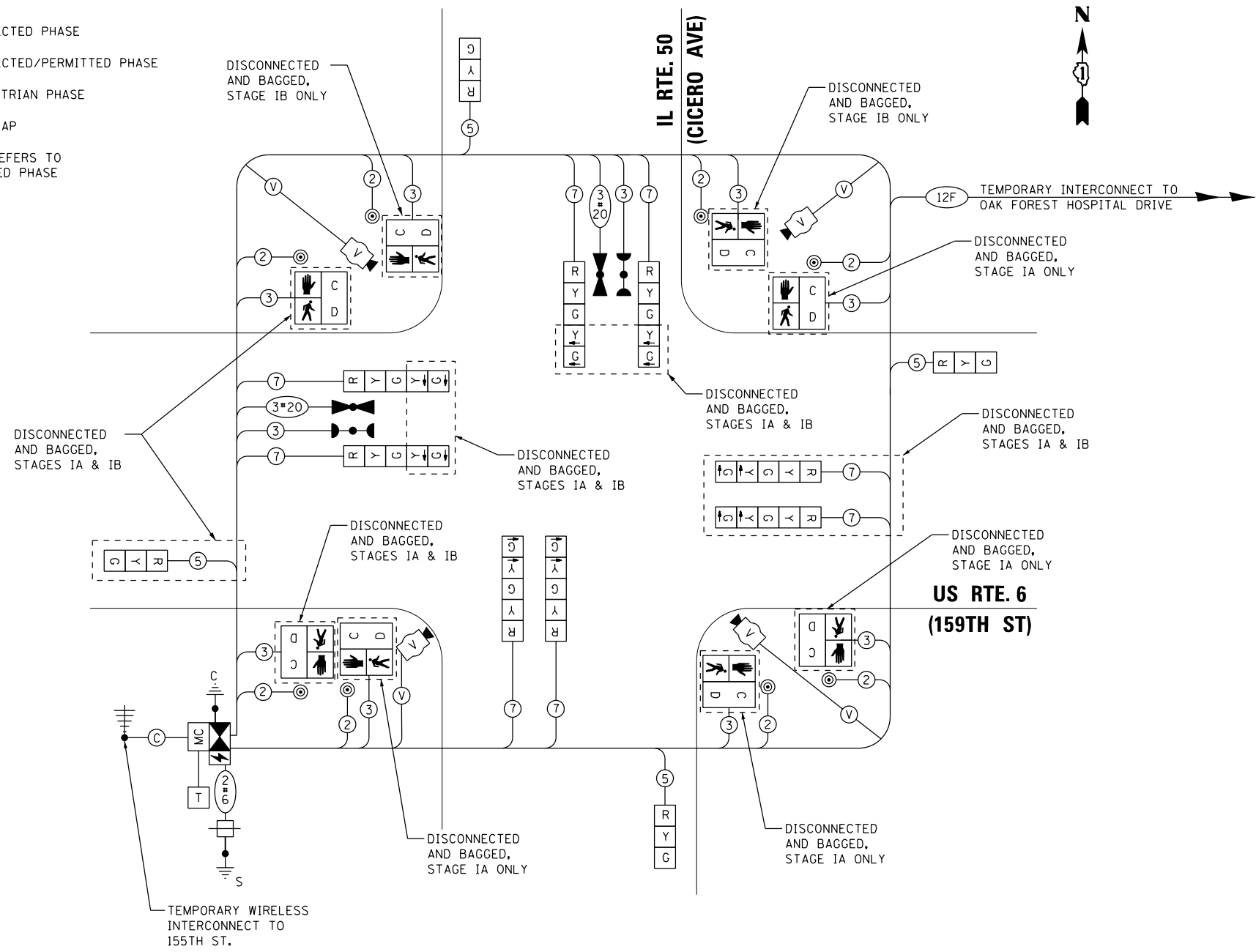
**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	9	11	50	49.5
(YELLOW)	9	20	5	9.0
(GREEN)	9	12	45	48.6
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
MASTER CONTROL	1	100	100	100.0
TOTAL =				566.1

ENERGY COSTS TO:

CITY OF OAK FOREST
15440 S. CENTRAL AVE.
OAK FOREST, IL 60452

ENERGY SUPPLY: CONTACT: LEONARD ANDERSON
PHONE: (708) 235-2346
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



TEMPORARY CABLE PLAN – STAGES IA & IB

NOT TO SCALE

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

**TS 170
ECON 135**

FILE NAME = Q:\Engineering\Live\Projects\13003 - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-shr-Temptr-offsigldio-stage 1.dgn



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DRAWN - SAT	REVISIONS -	
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PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

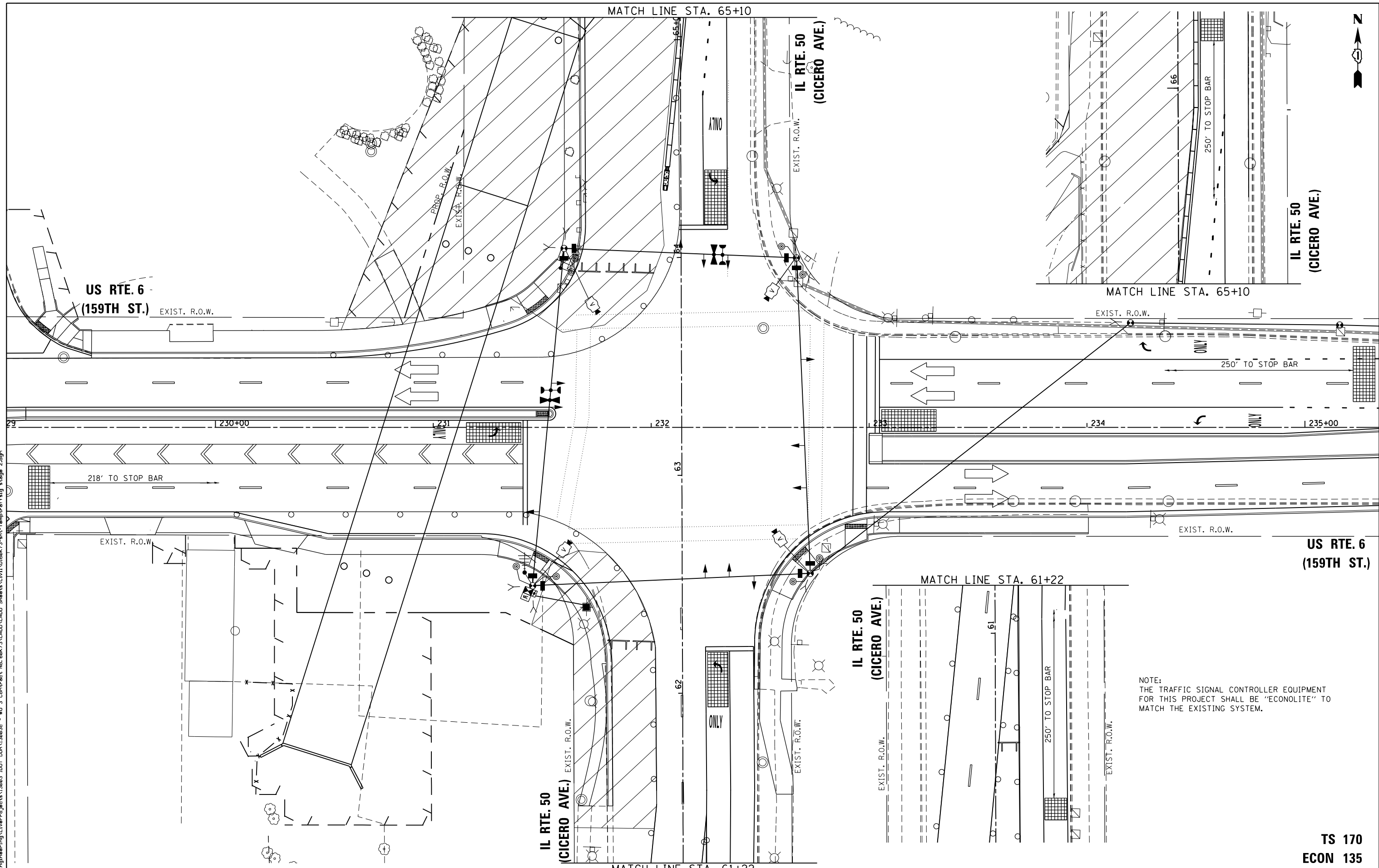
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE – STAGES IA & IB
US ROUTE 6 (159TH ST.) AT IL ROUTE 50 (CICERO AVE.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	90
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET OF SHEETS STA. TO STA.

FILE NAME = O:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-Temptraffsig stage 2.dgn



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

TS 170
ECON 135



USER NAME = johnn	DESIGNED - PP	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED - TGM	REVISED -
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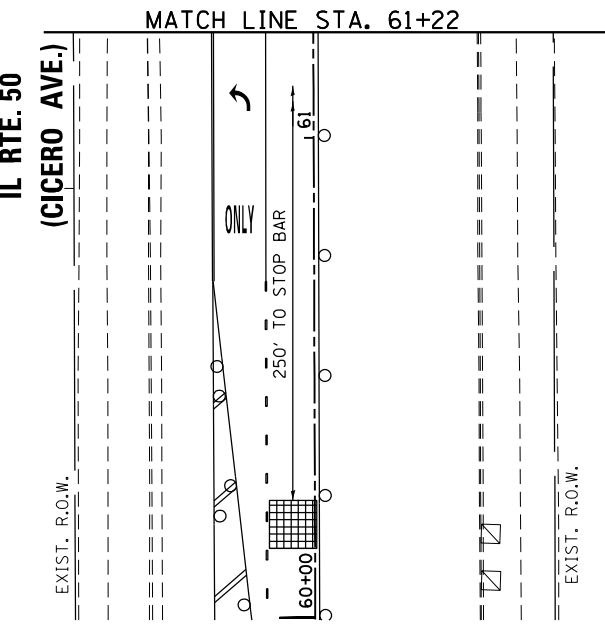
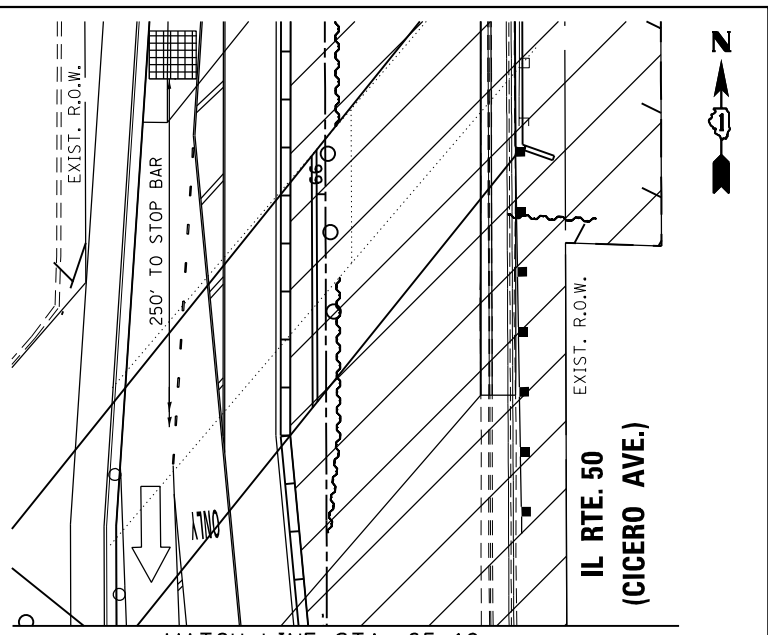
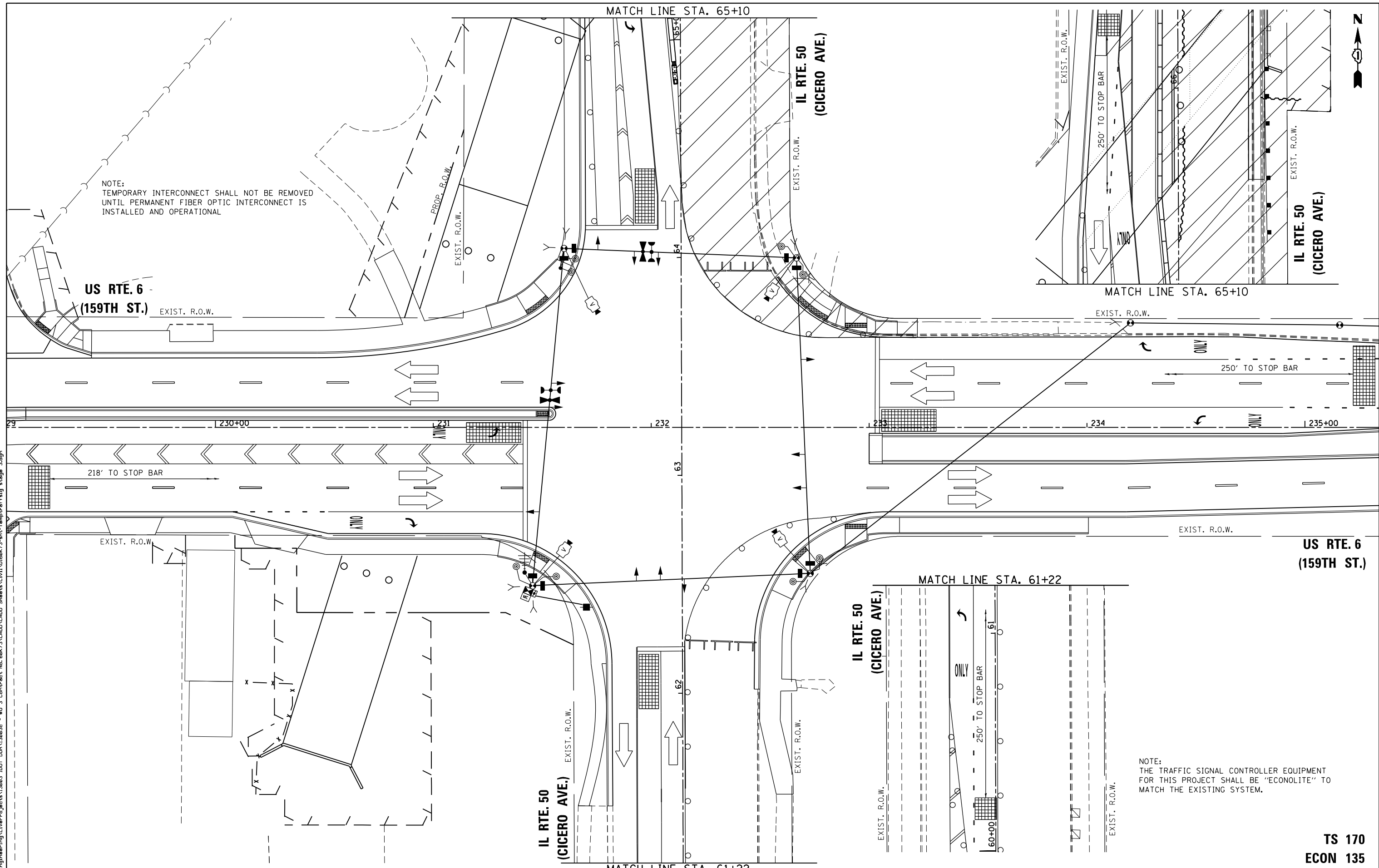
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
STAGE II
US ROUTE 6 (159TH ST.) AT IL ROUTE 50 (CICERO AVE.)
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	91
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = O:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-Temptraffsig stage 3.dgn

NOTE:
TEMPORARY INTERCONNECT SHALL NOT BE REMOVED
UNTIL PERMANENT FIBER OPTIC INTERCONNECT IS
INSTALLED AND OPERATIONAL



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

US RTE. 6
(159TH ST.)

TS 170
ECON 135



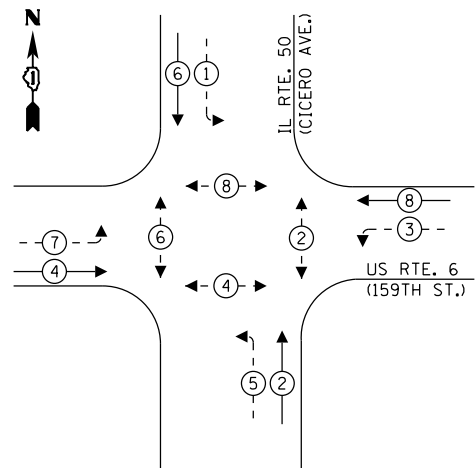
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PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

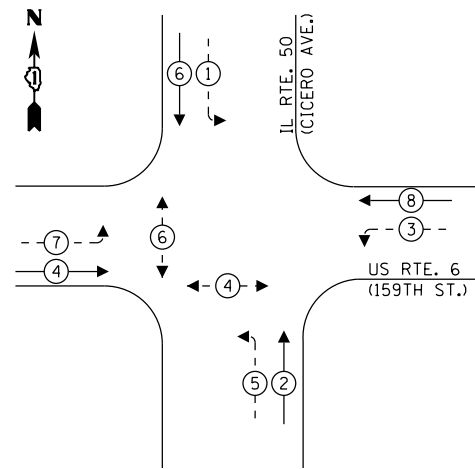
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE III US ROUTE 6 (159TH ST.) AT IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	92
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

**TEMPORARY CONTROLLER
SEQUENCE – STAGE II**



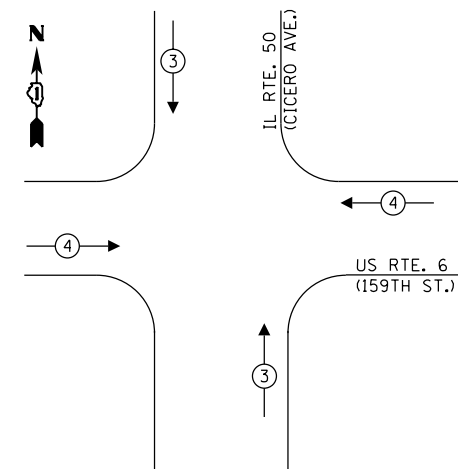
**TEMPORARY CONTROLLER
SEQUENCE – STAGE III**



LEGEND:

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE

**TEMPORARY EMERGENCY VEHICLE
PREEMPTION SEQUENCE – STAGES II & III**



**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	120	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
MASTER CONTROL	1	100	100	100
TOTAL =				693.8

ENERGY COSTS TO:

CITY OF OAK FOREST
15440 S. CENTRAL AVE.
OAK FOREST, IL 60452

ENERGY SUPPLY: CONTACT: LEONARD ANDERSON
PHONE: (708) 235-2346
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



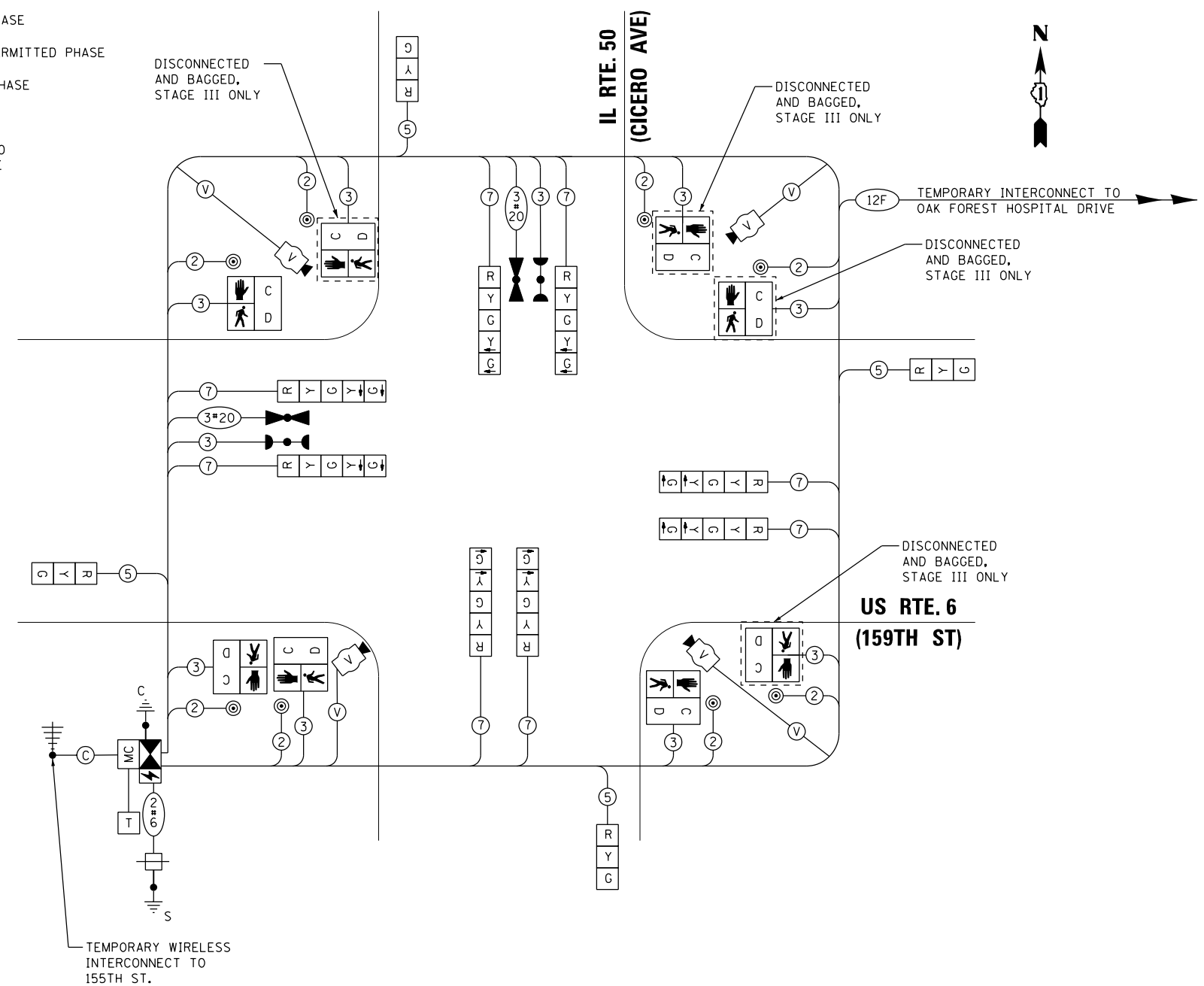
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PLOT DATE = 7/21/2017	CHECKED - TGM	REVISED -
	DATE - 7/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE – STAGES II & III
US ROUTE 6 (159TH ST.) AT IL ROUTE 50 (CICERO AVE.)

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	93
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				



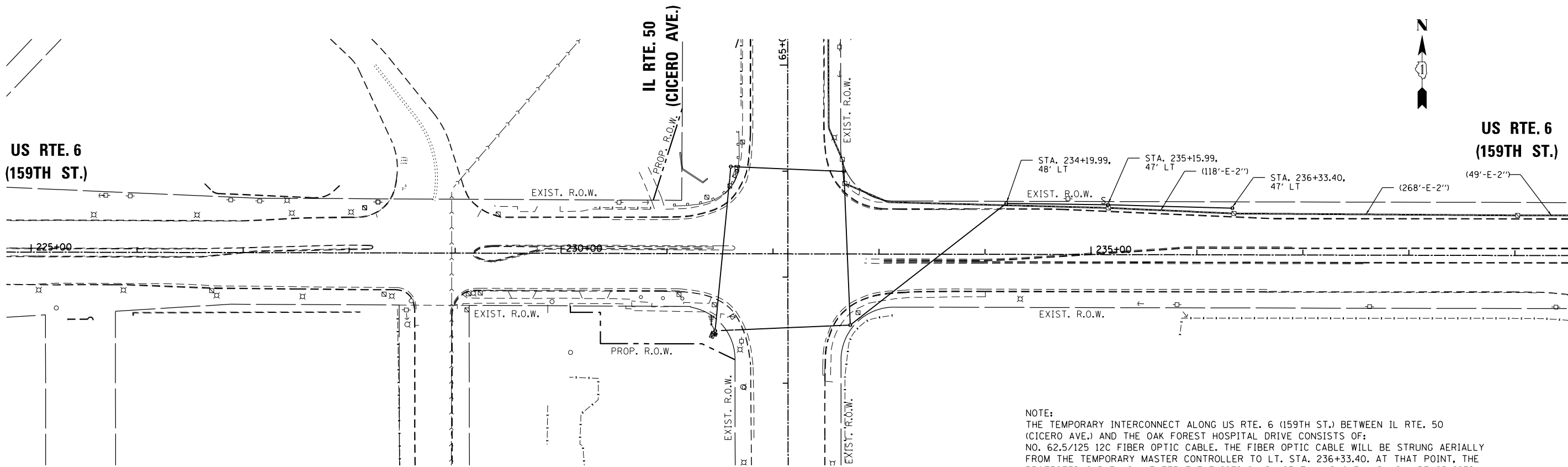
TEMPORARY CABLE PLAN – STAGES II & III

NOT TO SCALE

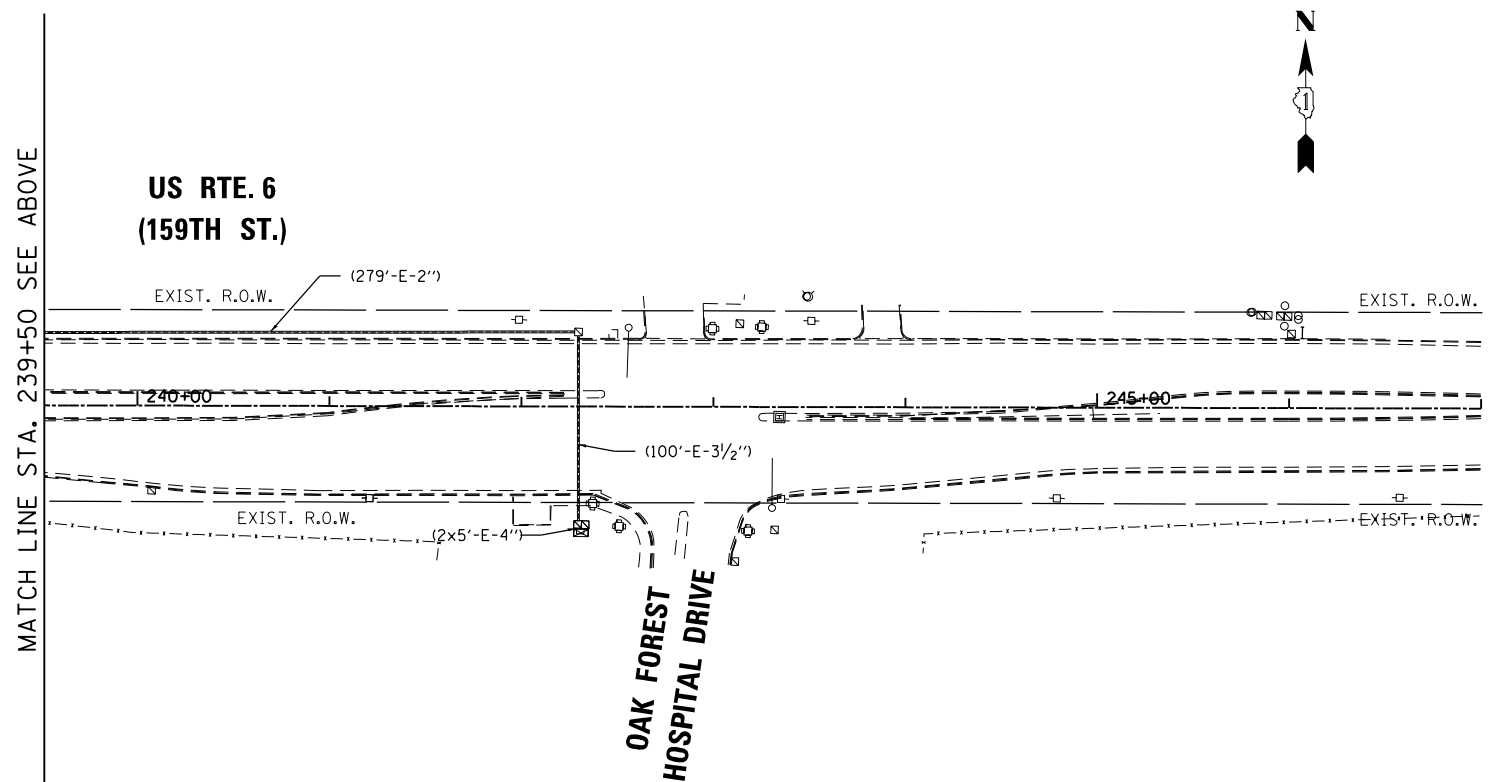
NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING SYSTEM.

TS 170
ECON 135

FILE NAME = Q:\Engineering\LiveProjects\3003 IDOT DUR\3003 - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-Temptr-ef-fsigdio-stage-2&3.dgn



NOTE:
 THE TEMPORARY INTERCONNECT ALONG US RTE. 6 (159TH ST.) BETWEEN IL RTE. 50 (CICERO AVE.) AND THE OAK FOREST HOSPITAL DRIVE CONSISTS OF:
 NO. 62.5/125 12C FIBER OPTIC CABLE. THE FIBER OPTIC CABLE WILL BE STRUNG AERIALLY FROM THE TEMPORARY MASTER CONTROLLER TO LT. STA. 236+33.40. AT THAT POINT, THE PROTECTED CABLE WILL ENTER THE EXISTING ADJACENT HANDHOLE AND WILL BE SPLICED TO THE EXISTING FIBER OPTIC CABLE IN THE HANDHOLE.



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

FILE NAME = Q:\Engineering\LiveProjects\3003 IDOT DUR\3003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-sht-ts- US6 Temp Inter-501.dgn



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DRAWN - DH	REVISIONS -	
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PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN			
US RTE. 6 (159TH ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	94
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

ECON 135

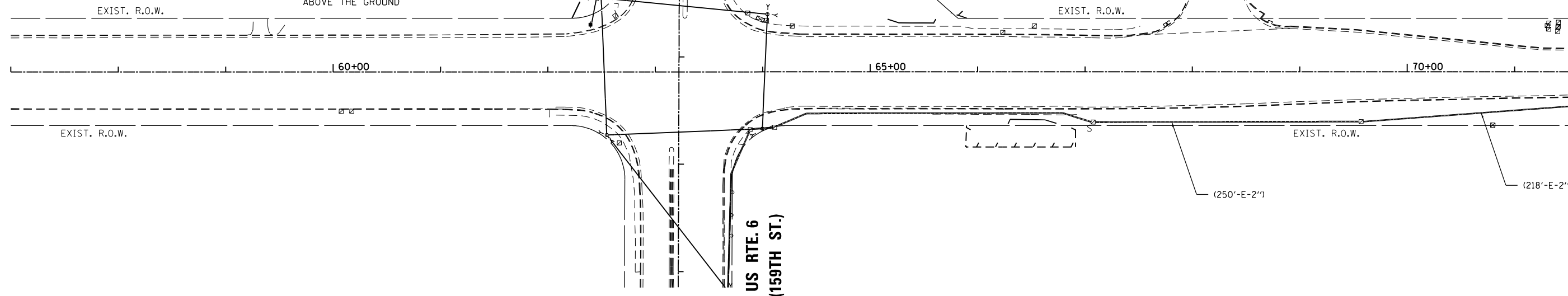
NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT
FOR THIS PROJECT SHALL BE "ECONOLITE"
TO MATCH THE EXISTING ADJACENT SYSTEM.

**IL RTE. 50
(CICERO AVE.)**

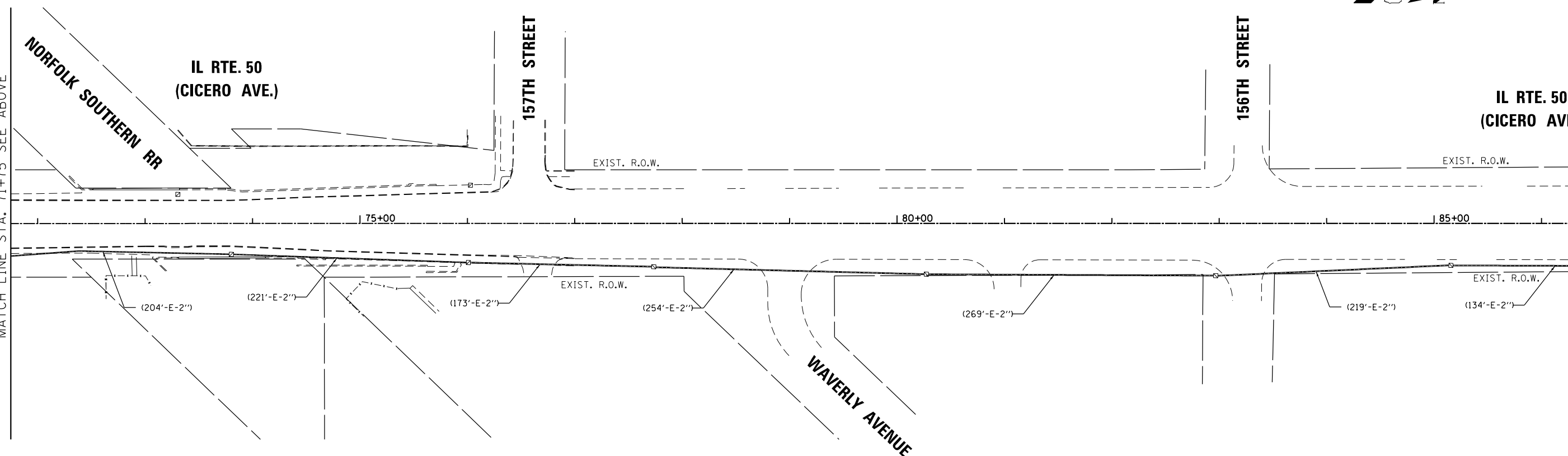
TEMPORARY WIRELESS INTERCONNECT
TO 155TH STREET
NOTE: MOUNT ANTENNA
A MINIMUM OF 35 FT.
ABOVE THE GROUND

**US RTE. 6
(159TH ST.)**

**IL RTE. 50
(CICERO AVE.)**



MATCH LINE STA. 71+75 SEE BELOW



MATCH LINE STA. 71+75 SEE ABOVE

MATCH LINE STA. 86+50 SEE SHEET 96

ECON 135

FILE NAME = O:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-sht-ts- IL50 Temp Inter-S01.dgn



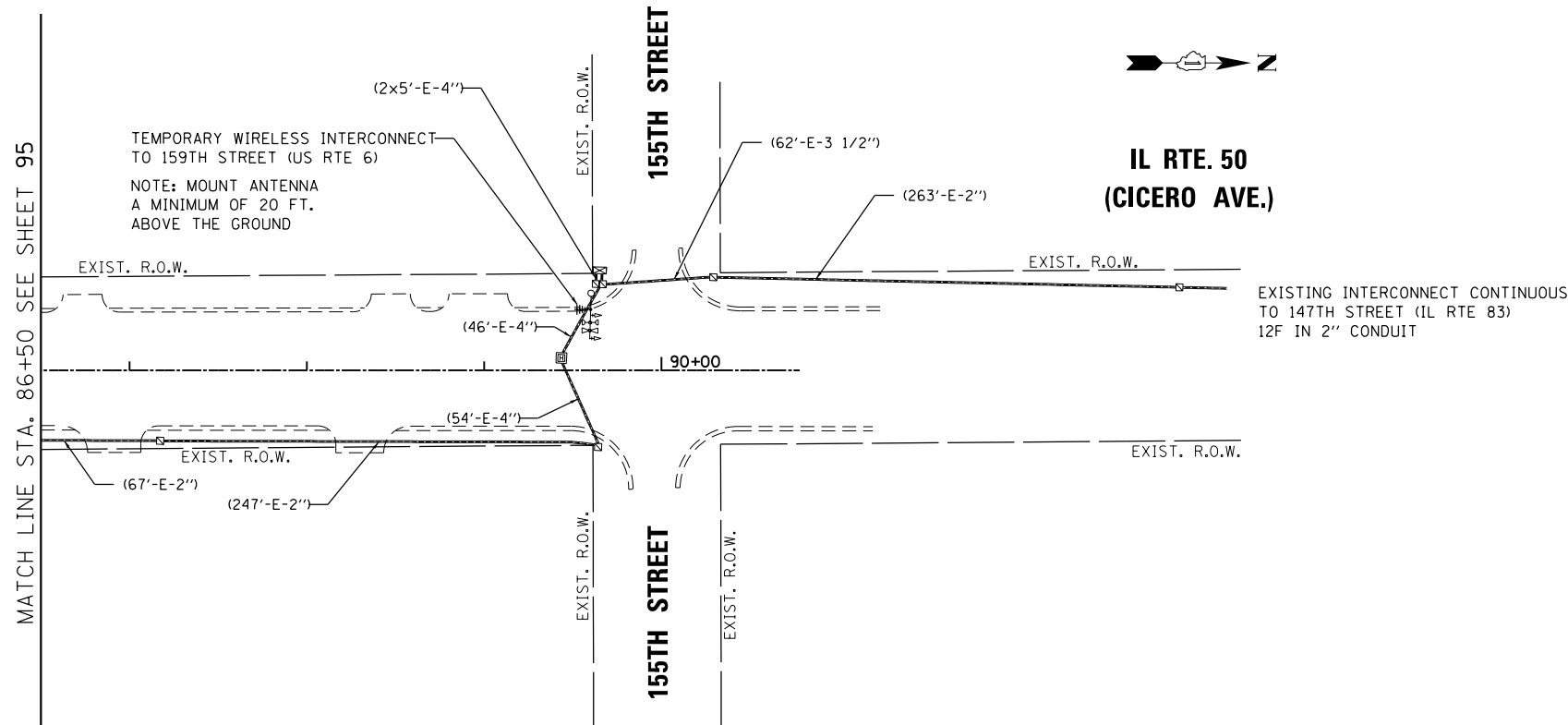
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DRAWN - DH	REVISOR -	
PLOT SCALE = 100.000' / in.	CHECKED - TGM	REVISED -
PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN
IL RTE. 50 (CICERO AVE.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	95
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				



NOTES:

1. THE EXISTING FIBER OPTIC CABLE BETWEEN US RTE. 6 (159TH STREET) AND 155TH STREET SHALL BE REMOVED FROM THE EXISTING CONDUIT AFTER THE TEMPORARY INTERCONNECT IS OPERATING. THIS WORK WILL BE PAID FOR AS REMOVE FIBER OPTIC CABLE FROM CONDUIT.
2. THE TEMPORARY RADIO INTERCONNECT ANTENNA AT THE INTERSECTION OF IL RTE. 50 (CICERO AVE.) AND 155TH STREET SHALL BE INSTALLED ON THE MAST ARM ASSEMBLY AND POLE AS SHOWN. THE CABLE FROM THE ANTENNA SHALL BE INSTALLED IN THE EXISTING CONDUITS BETWEEN THE ANTENNA AND THE EXISTING CONTROLLER. THE ANTENNA AND ALL ASSOCIATED CABLES SHALL BE REMOVED UPON COMPLETION OF THE PROPOSED FIBER OPTIC INTERCONNECT SYSTEM. ANY HOLES IN THE MAST ARM SHALL BE PLUGGED. ALL OF THIS WORK IS INCLUDED AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

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

ECON 135

FILE NAME = O:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-plt-ts- IL50 Temp Inter-S02.dgn



USER NAME = johnn	DESIGNED - DH	REVISED -
	DRAWN - DH	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - TGM	REVISED -
PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

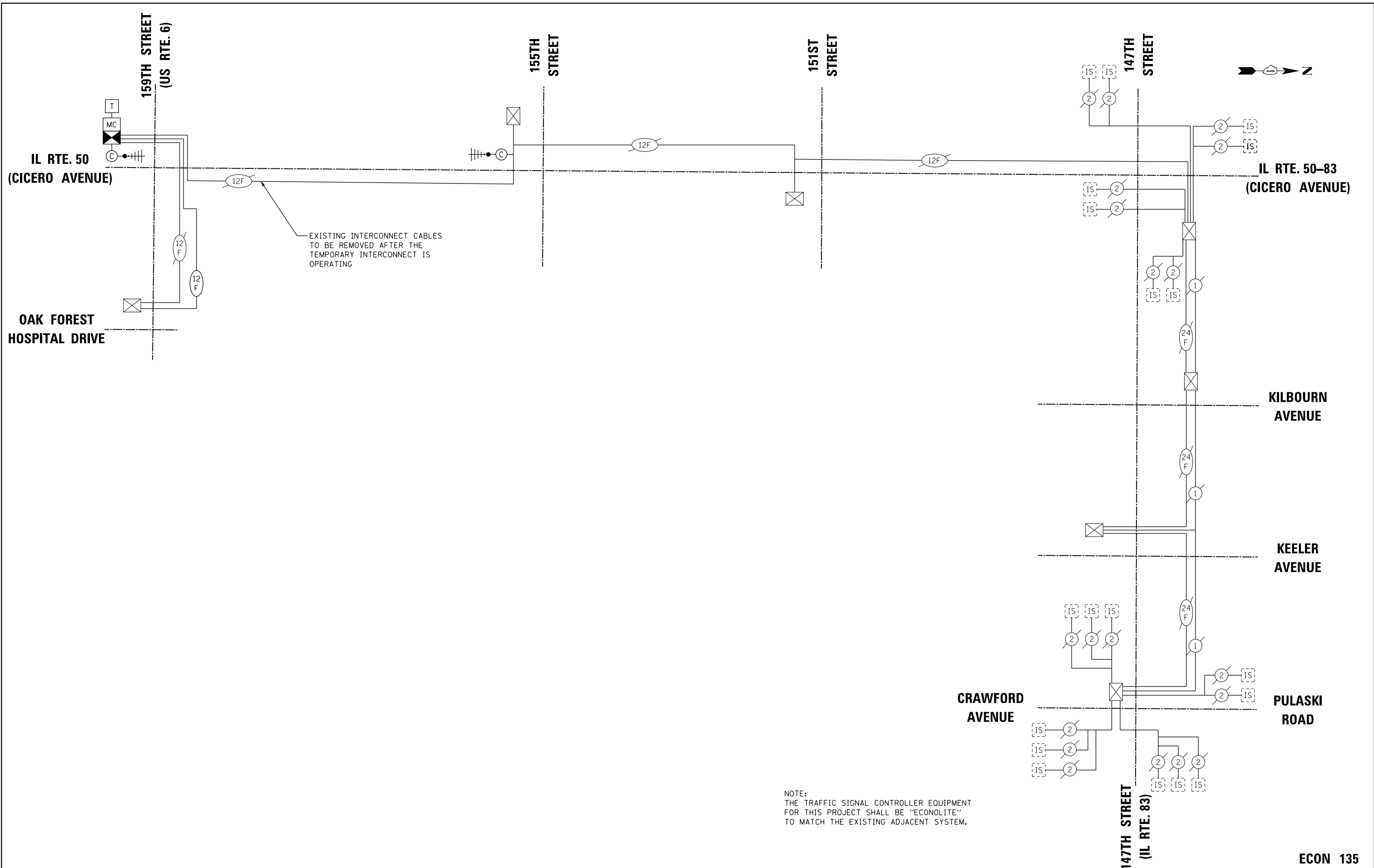
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN
IL RTE. 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	96
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-sht-ts- IL50 TEMP InterSchematic-501.dgn



USER NAME = johnn	DESIGNED - DH	REVISED -
DRAWN - DH	REVISED -	
PLOT SCALE = 100.000' / in.	CHECKED - TGM	REVISED -
PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

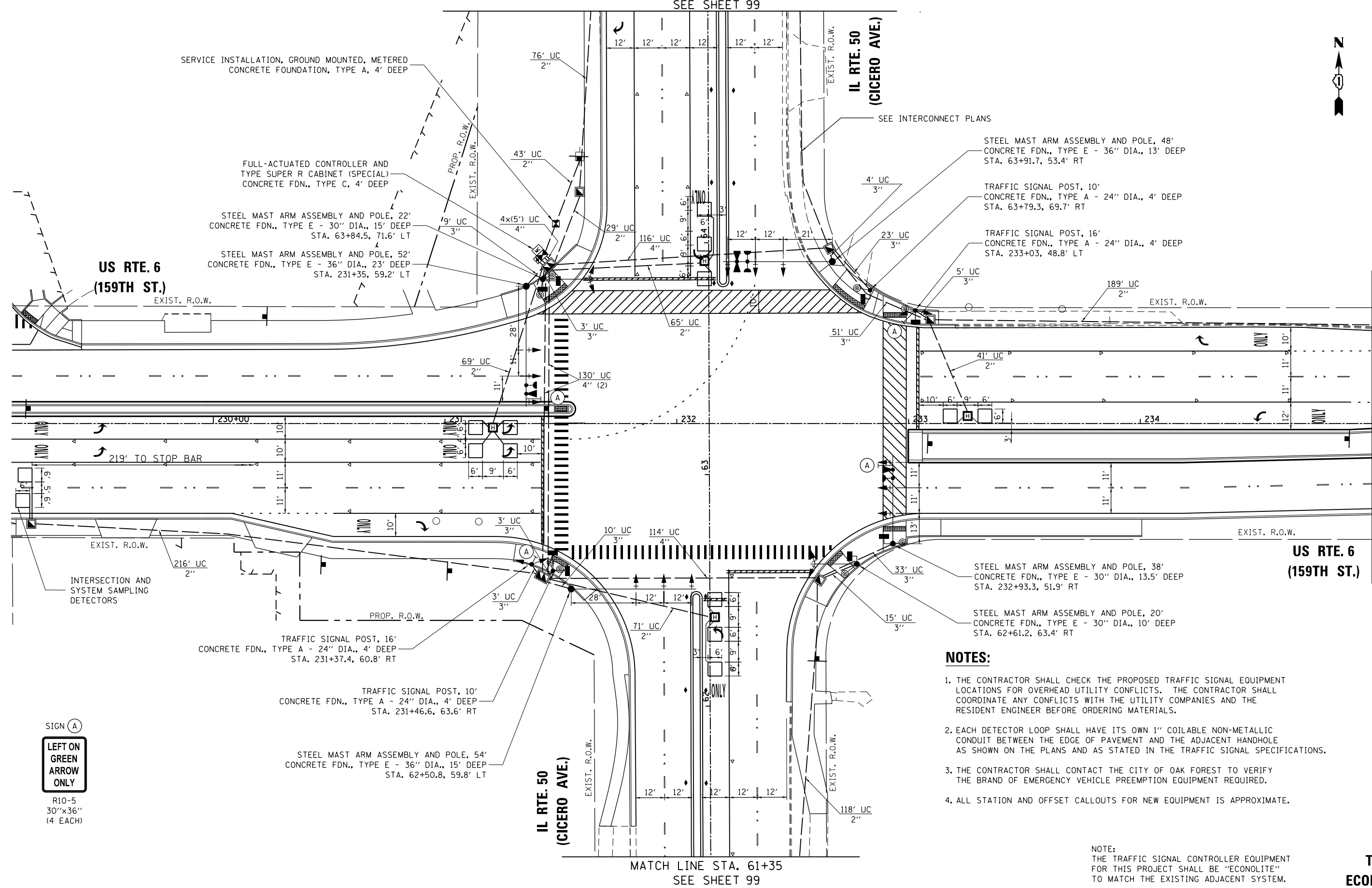
**TEMPORARY INTERCONNECT SCHEMATIC
IL RTE. 50 (CICERO AVE.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 351	SECTION (537 & 3277-Z/B-1)	COUNTY COOK	TOTAL SHEETS 184	SHEET NO. 97
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

ECON 135

MATCH LINE STA. 65+00
SEE SHEET 99



MATCH LINE STA. 61+35
SEE SHEET 99

MATCH LINE STA. 235+00
SEE SHEET 99

NOTES:

1. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
3. THE CONTRACTOR SHALL CONTACT THE CITY OF OAK FOREST TO VERIFY THE BRAND OF EMERGENCY VEHICLE PREEMPTION EQUIPMENT REQUIRED.
4. ALL STATION AND OFFSET CALLOUTS FOR NEW EQUIPMENT IS APPROXIMATE.

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

**TS 170
ECON 135**

FILE NAME = O:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\60K73-ent-ts Install.dgn



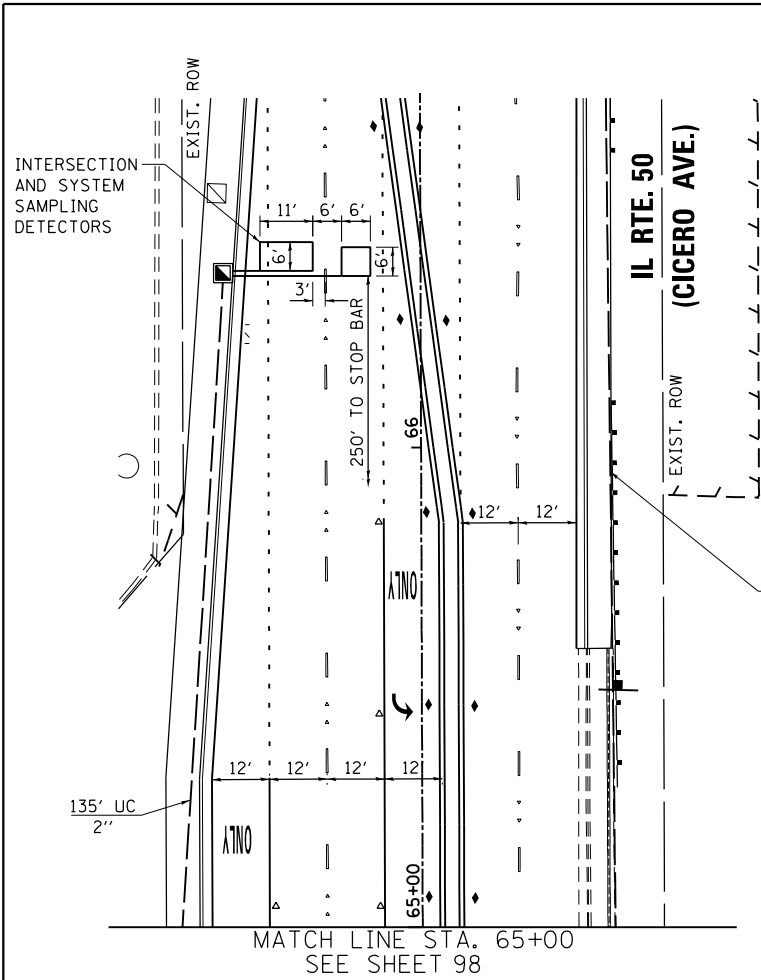
USER NAME = johnn	DESIGNED - DH	REVISED -
DRAWN - DH	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL INSTALLATION PLAN			
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

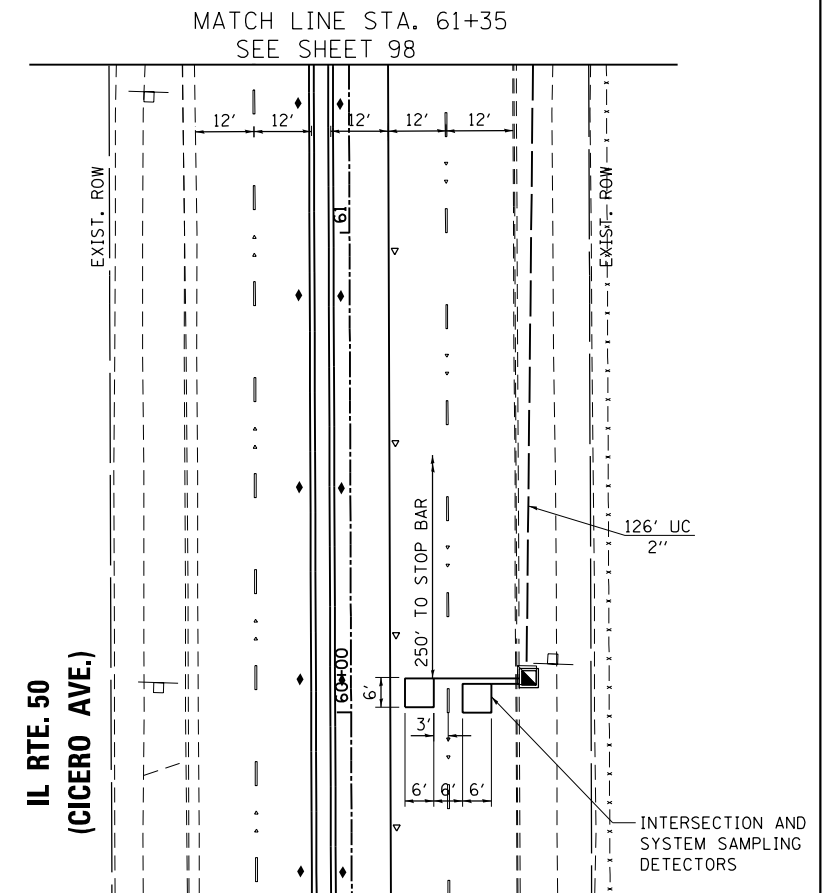
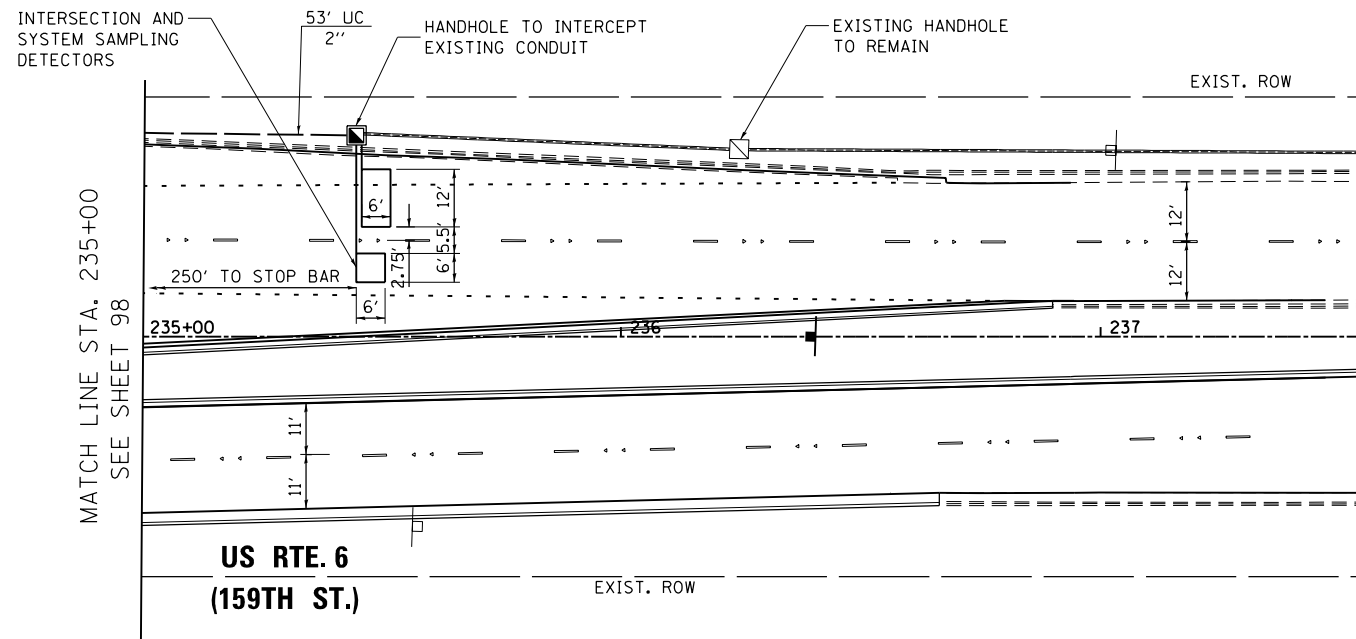
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	98
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003c - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\160K73-ht-ts Install. 2.dgn



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



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

**TS 170
ECON 135**



USER NAME = johnn	DESIGNED - DH	REVISED -
DRAWN - DH	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

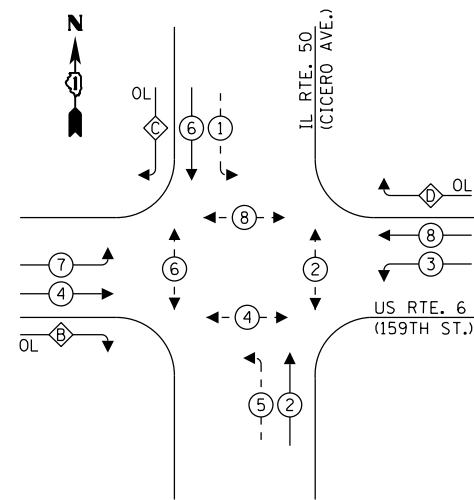
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN
US ROUTE 6 (159TH ST.) AND IL ROUTE 50 (CICERO AVE.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1)	COOK	184	99
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



LEGEND:

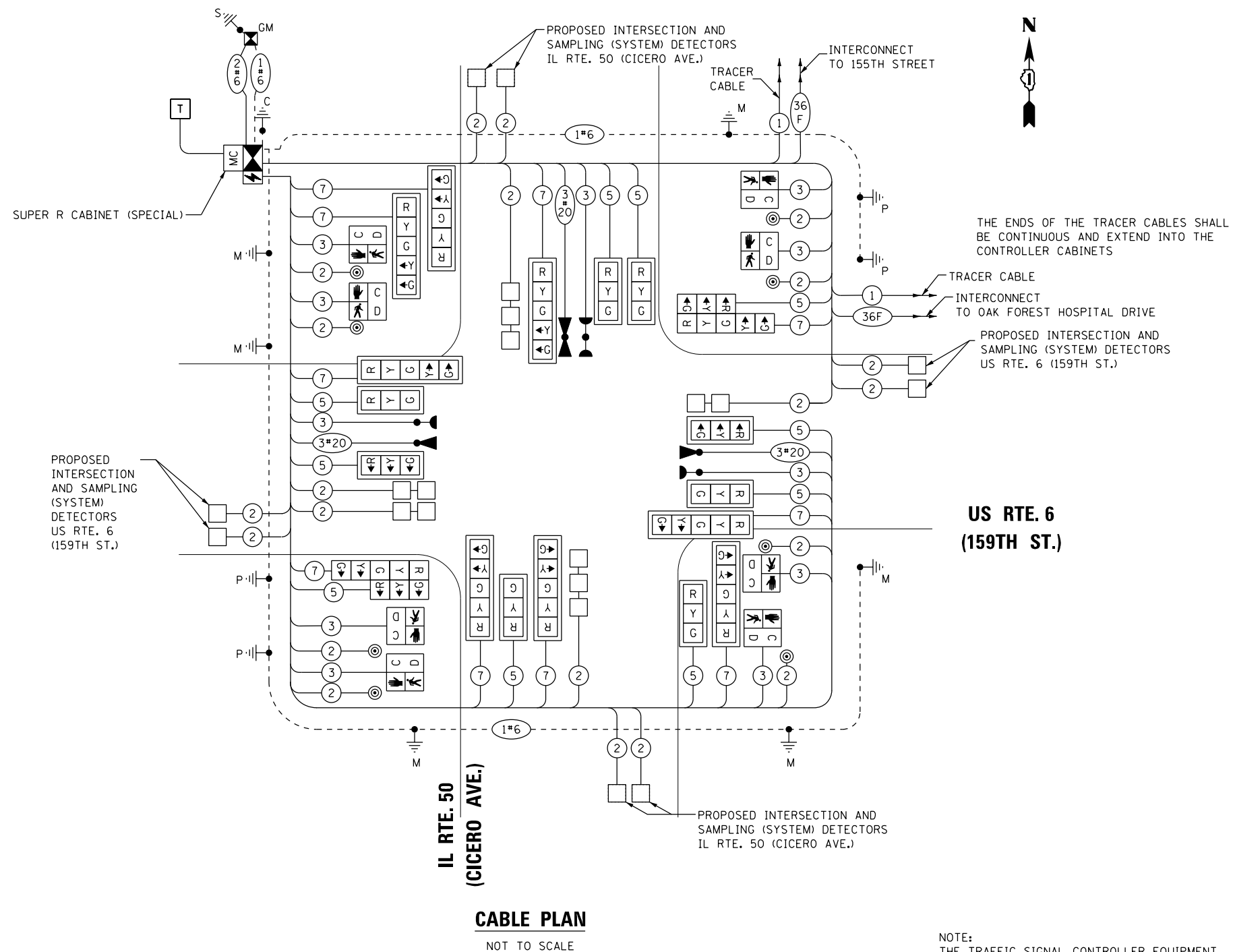
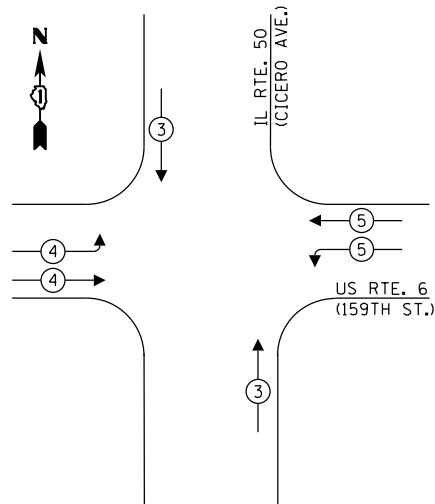
- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

* NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5
C	= 6	+ 7
D	= 8	+ 1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN

NOT TO SCALE

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20	11	50	110.0
(YELLOW)	20	20	5	20.0
(GREEN)	20	12	45	108.0
PERMISSIVE ARROW	20	10	10	20.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
MASTER CONTROL	1	100	100	100.0
TOTAL =				643.0

ENERGY COSTS TO:
 CITY OF OAK FOREST
 15440 S. CENTRAL AVE.
 OAK FOREST, IL 60452
 ENERGY SUPPLY: CONTACT: LEONARD ANDERSON
 PHONE: (708) 235-2346
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---

USER NAME = johnn	DESIGNED - DH	REVISED -
DESIGNED - DH	DRAWN - DH	REVISED -
PLLOT SCALE = 40.0000' / in.	CHECKED - JMT	REVISED -
PLLOT DATE = 7/21/2017	DATE - 7/21/2017	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CABLE DIAGRAM, PHASE DESIGNATION DIAGRAM
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
 US ROUTE 6 (159TH ST.) AT IL ROUTE 50 (CICERO AVE.)
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	(537 & 3277-Z/B-1	COOK	184	100
CONTRACT NO. 60K73				
ILLINOIS FED. AID PROJECT				

TS 170
 ECON 135

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003 - W0 3 Contract No. 60K73\CADD\CADD Sheets\Civil\160K73-ent-ts2-prcpld.dgn