

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-0631	DUPAGE	67	1
		ILLINOIS	CONTRACT NO. 62D58	

D-91-067-17

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN:

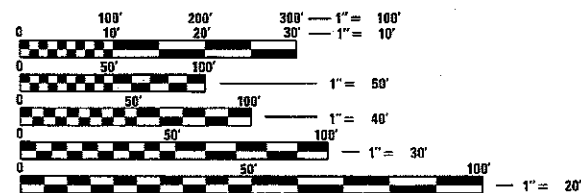
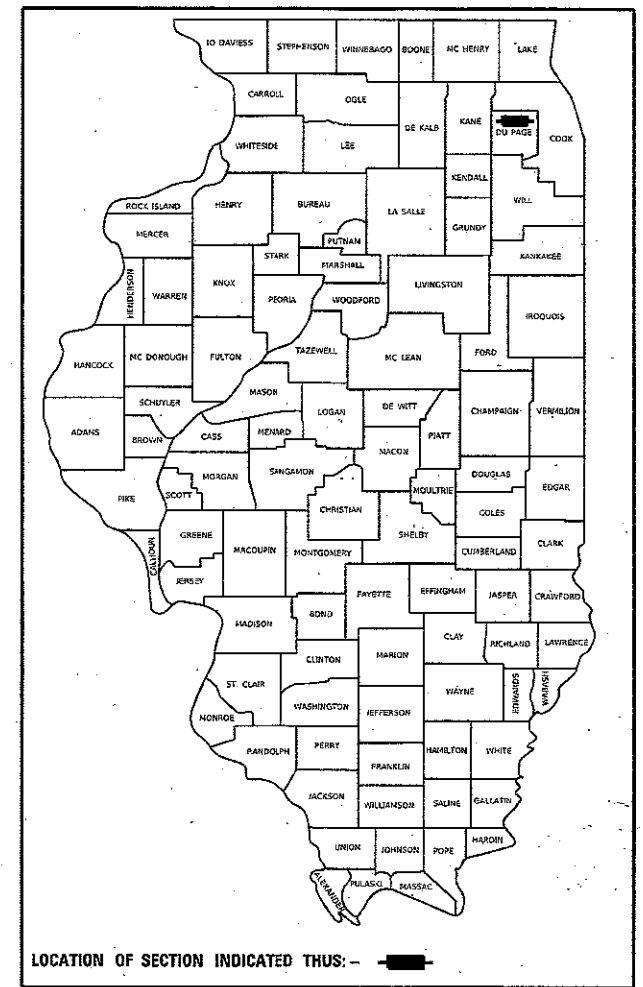
- THE CITY OF ELMHURST
- THE VILLAGE OF GLEN ELLYN
- THE VILLAGE OF HANOVER PARK
- THE VILLAGE OF ROSELLE
- THE CITY OF WARRENVILLE
- THE CITY OF WEST CHICAGO
- THE VILLAGE OF WINFIELD

**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION: 2016-0631  
PROJECT: STP-ZATZ(533)  
VARIOUS LOCATIONS  
PEDESTRIAN RAMPS  
DUPAGE COUNTY

C-91-067-17

FOR GENERAL LOCATION MAP, SEE SHEET NO. 5



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

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

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240  
PROJECT MANAGER FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62D58

LIMITS	ADT (YEAR)	SPEED LIMIT
IL 38 AT BISHOP ST.	23,500 (2016)	45 MPH
IL 59: AUGUSTA AVE. TO INGALTON AVE.	33,900 (2016)	35-45 MPH
GARYS MILL RD.: EAST ENT. TO CURRIER ELEM. SCH. TO ORCHARD CT.	1,600 (2016)	35 MPH
IL 19: MEDINAH RD. TO LINCOLN ST.	19,400 (2016)	30-40 MPH
IL 38 AT WINFIELD RD.	26,200 (2016)	40-50 MPH
IL 59: RIDGE DR. TO BRANCH AVE.	35,300 (2016)	45 MPH
IL 53: MCCARRON RD. TO GLENBARD RD.	15,000 (2016)	40 MPH
IL 53 AT SURREY DR.	22,800 (2016)	40 MPH
IL 83 AT ST. CHARLES RD.	72,400 (2016)	45 MPH
US 20 (LAKE ST.) AT BEAR FLAG DR./ONTARIOVILLE RD.	56,400 (2011)	40 MPH

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 24 20 18

*Anthony J. Puzos* REGIONAL ENGINEER

Mar 23 20 18

*Paul J. Chalk* ENGINEER OF DESIGN AND ENVIRONMENT

Mar 23 20 18

*Paul J. Chalk* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

**HIGHWAY STANDARDS**

**GENERAL NOTES**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5	GENERAL LOCATION MAP
6	SCHEDULE OF QUANTITIES
7-60	SIDEWALK RAMP DETAILS
61	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
62	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
63	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
64	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
65	ARTERIAL ROAD INFORMATION SIGN (TC-22)
66	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05, SHEET 2 OF 7)
67	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

STANDARD NO.	DESCRIPTION
000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604001-04	FRAME AND LIDS, TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITIES OF ELMHURST, WARRENVILLE, AND WEST CHICAGO AND THE VILLAGES OF GLEN ELLYN, HANOVER PARK, ROSELLE, AND WINFIELD.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, DRAINAGE STRUCTURE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- ANY DETECTOR LOOPS DAMAGED BY PATCHING SHALL BE REPLACED IN KIND. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO QUANTIFY LOOP REPLACEMENTS NEEDED AND PROVIDE THE RESIDENT ENGINEER THIS INFORMATION PRIOR TO GRINDING OR REMOVAL.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER, AT DON.CHIARUGI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- 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.
- TWO (2) FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER TO EXISTING CURB AND GUTTER UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, CURB & GUTTER, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
- THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- WHEN EXISTING SIDEWALK IS TO BE REMOVED WITHOUT PROPOSED SIDEWALK REPLACEMENT, IT SHALL BE REPLACED WITH TOPSOIL AND SOD.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- PROPOSED SIDEWALK RAMPS SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
CLASS D PATCHES (SPECIAL)	HMA SURFACE COURSE, MIX "D", N70, (IL 9.5 mm); 2"	4% @ 70 GYR.	QC/QA
	HMA BINDER COURSE, IL-19.0, N70; 10"	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)			

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.  
 NOTE 2: 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 DISTRICT ONE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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USER NAME = tarqtm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	CHECKED -	REVISED -		VAR.	2016-063I	DUPAGE	67	2				
PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62D58		
PLOT DATE = 2/1/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	80% FED 20% STATE ROADWAY 0021				
								X1700064
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1	1				
20200100	EARTH EXCAVATION	CU YD	127	127				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	800	800				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10	10				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10	10				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10	10				
25200110	SODDING, SALT TOLERANT	SQ YD	800	800				
25200200	SUPPLEMENTAL WATERING	UNIT	8	8				
42001300	PROTECTIVE COAT	SQ YD	2015	2015				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11354	11354				
42400800	DETECTABLE WARNINGS	SQ FT	1117	1117				
44000300	CURB REMOVAL	FOOT	37	37				
44000600	SIDEWALK REMOVAL	SQ FT	9974	9974				
* SPECIALTY ITEMS								

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	80% FED 20% STATE ROADWAY 0021				
								60255500
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	9	9				
60266600	VALVE BOXES TO BE ADJUSTED	EACH	6	6				
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	14	14				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2				
60600605	CONCRETE CURB, TYPE B	FOOT	37	37				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	127	127				
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	12	12				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1				

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FILE NAME =	USER NAME = torlqm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
OFFICE DISTRICT / PROJECTS / P12645 / CADD / Det / Design / P12645	CHECKED -	REVISED -	VAR.			2016-0631	DUPAGE	67	3	
PLOT SCALE = 100,0000' / 1"	DATE -	REVISED -	CONTRACT NO. 62058							
PLOT DATE = 2/11/2018			SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

REV

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE ROADWAY 0021			
			URBAN				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5			
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	66	66			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4118	4118			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	738	738			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1578	1578			
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	469	469			
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	250	250			
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	178	178			
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	14	14			
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1			
* SPECIALTY ITEMS							

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE ROADWAY 0021			
			URBAN				
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	6538	6538			
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	326	326			
X4420828	CLASS D PATCHES, TYPE III, 12 INCH (SPECIAL)	SQ YD	98	98			
X4421790	CLASS D PATCHES, TYPE II, 12 INCH (SPECIAL)	SQ YD	213	213			
X6061311	CONCRETE MEDIAN SURFACE, 5 INCH	SQ FT	326	326			
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	2080	2080			
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	514	514			

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PLOT SCALE = 100,0000' / 1in	DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-0631	DUPAGE	67	4
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D58	

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REV



**US 20 (LAKE ST.)**  
- AT BEAR FLAG DR. / ONTARIOVILLE RD.

**IL 59**  
- AT AUGUSTA AVE.  
- AT DALE AVE.  
- AT GLEN AVE.  
- AT LESTER ST.  
- AT E. BROWN ST.  
- AT POMEROY ST.  
- AT STIMMEL ST.  
- AT BLAIR ST.  
- AT GRAND LAKE BLVD.  
- AT WENDALL ST.  
- AT ELMWOOD AVE.  
- AT GROVE AVE.  
- AT NATIONAL ST.  
- AT RAY AVE.  
- AT JAMES AVE.  
- AT LEE RD.  
- AT PINE AVE.  
- AT HAWTHORNE LN.  
- AT INGALTON AVE.

**IL 38**  
- AT BISHOP ST.

**GARYS MILL RD.**  
- AT EAST ENTRANCE TO CURRIER ELEMENTARY SCHOOL  
- AT APPLE TREE LN.  
- AT ORCHARD CT.

**IL 59**  
- AT RIDGE DR.  
- AT BRANCH AVE.

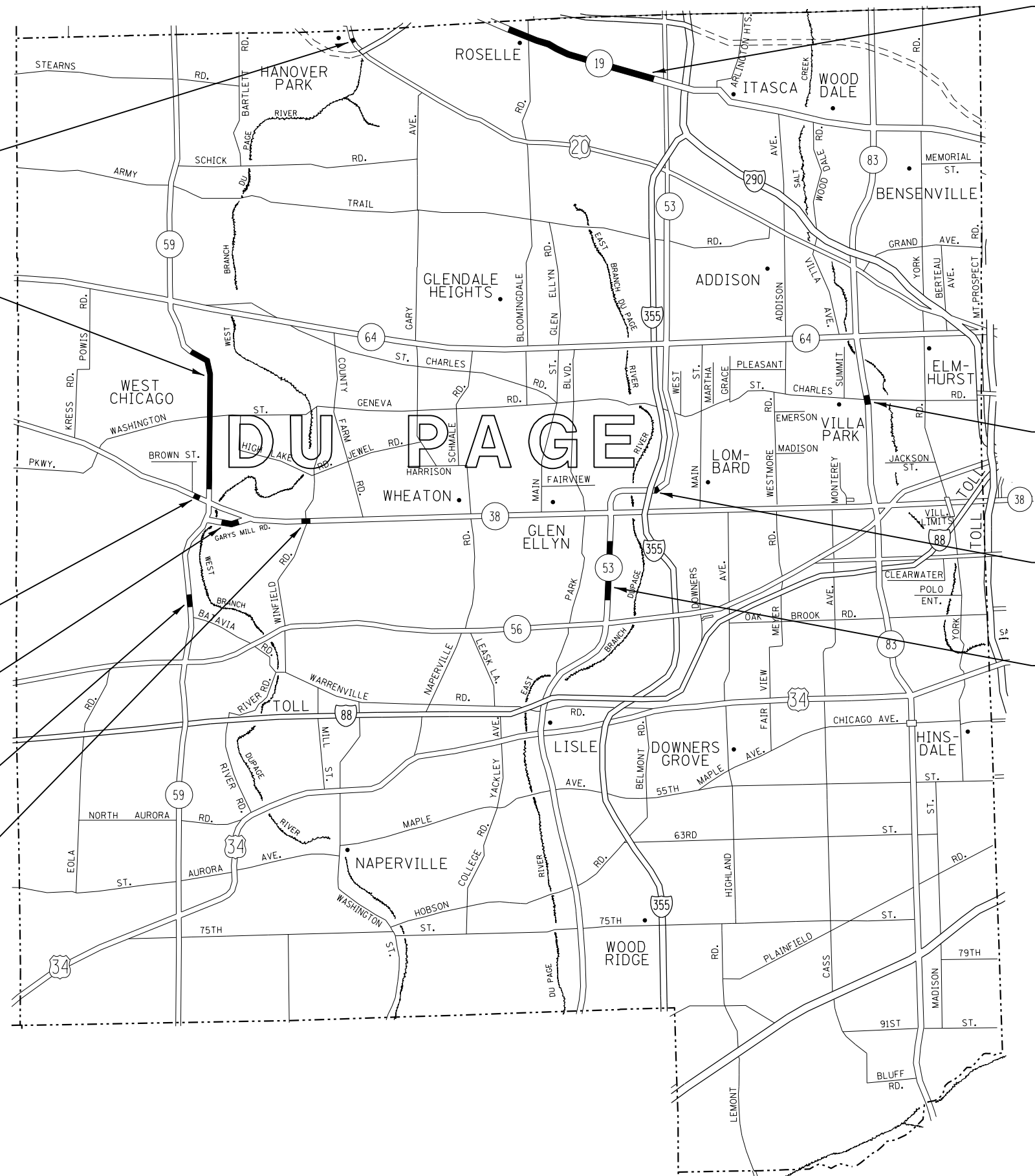
**IL 38**  
- AT WINFIELD RD.

**IL 19**  
- AT MEDINAH RD.  
- AT PINECROFT DR.  
- AT ARDMORE AVE.  
- AT LAWRENCE AVE.  
- AT PARK ST.  
- AT LINCOLN ST.

**IL 83**  
- AT ST. CHARLES RD.

**IL 53**  
- AT SURREY DR.

**IL 53**  
- AT MCCARRON RD.  
- AT HUNTINGTON RD.  
- AT BUCKINGHAM RD. (22ND ST.)  
- AT GLENBARD RD.



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

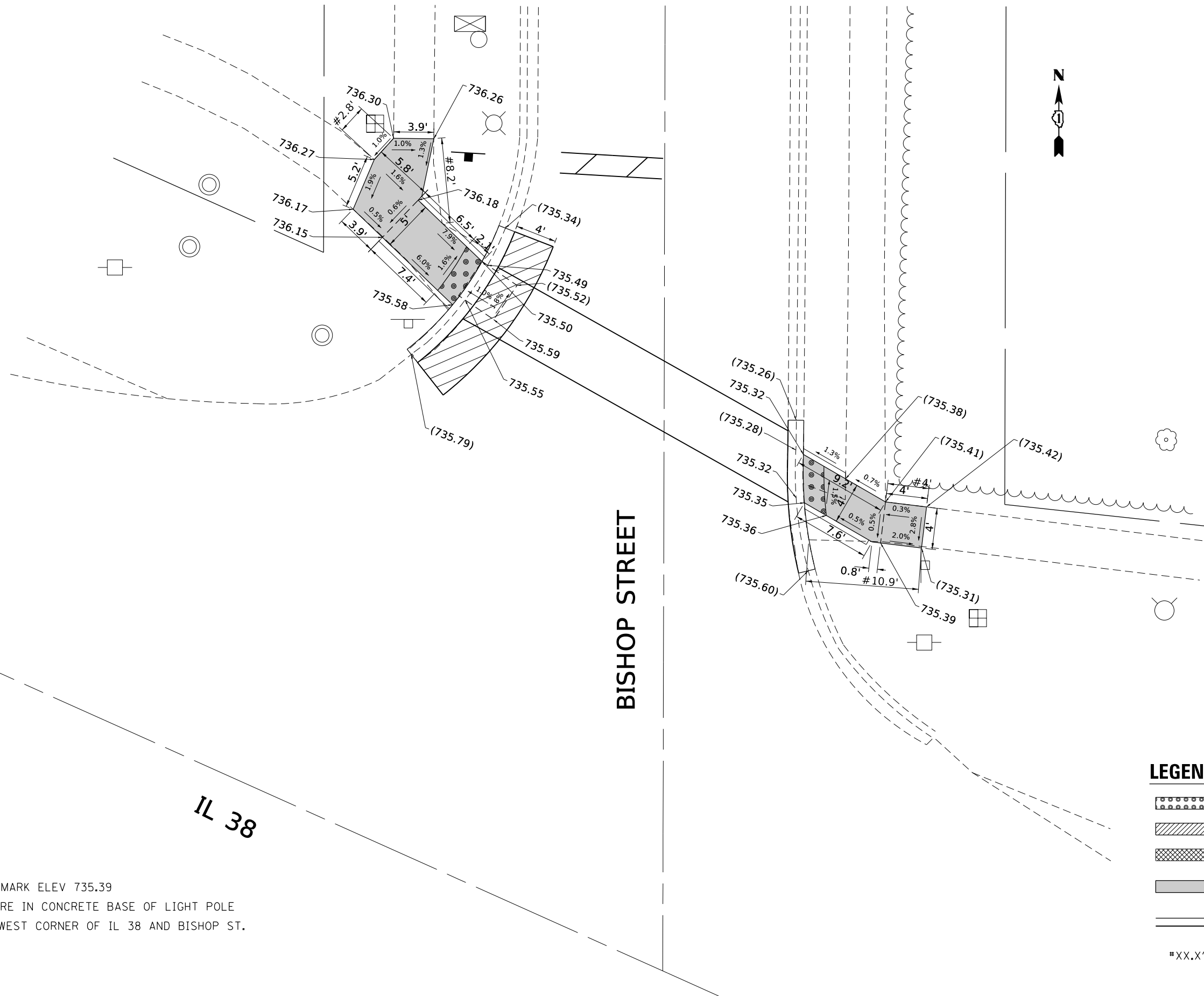
**GENERAL LOCATION MAP  
VARIOUS LOCATIONS IN DUPAGE COUNTY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	5
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				

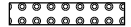






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REFERENCE BENCHMARK ELEV 735.39  
 BENCHMARK: SQUARE IN CONCRETE BASE OF LIGHT POLE  
 LOCATION: NORTHWEST CORNER OF IL 38 AND BISHOP ST.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

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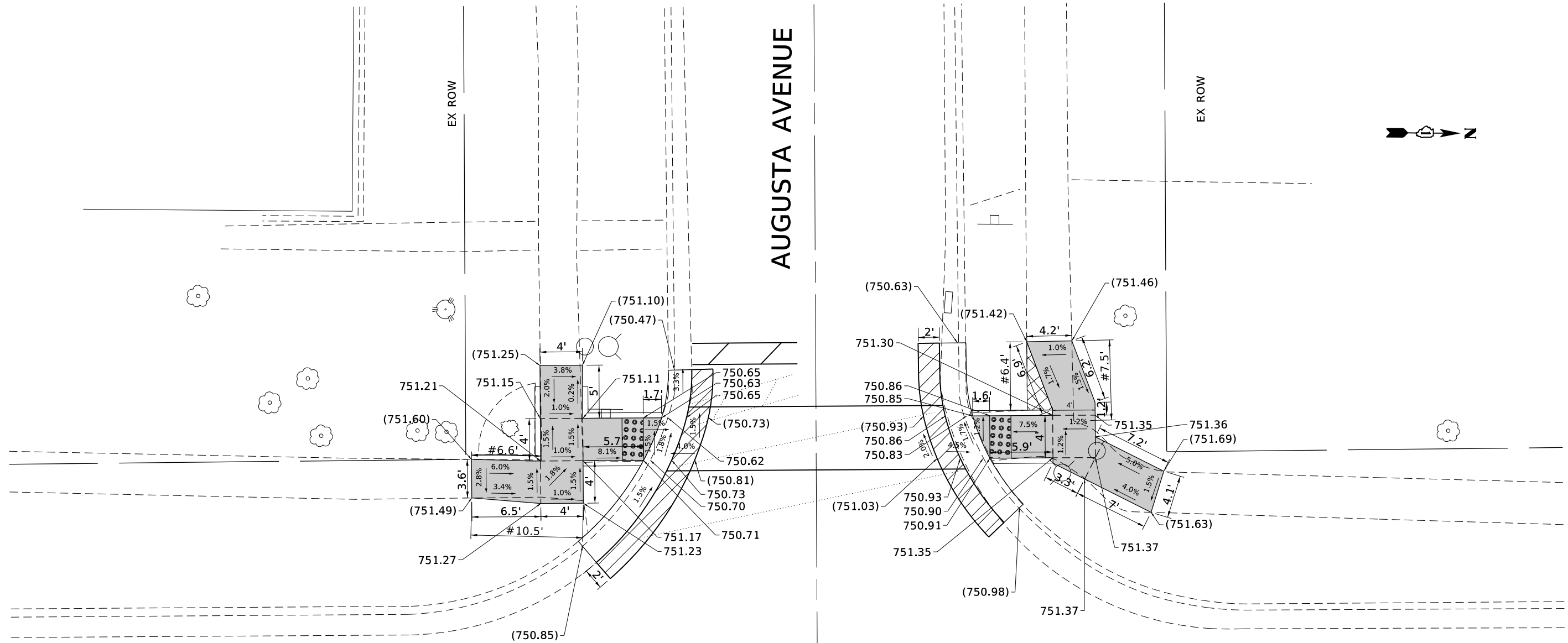
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS  
 IL 38 AT BISHOP ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	7
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

# AUGUSTA AVENUE



### LEGEND

- PROPOSED DETECTABLE WARNINGS
- CLASS D PATCHES
- SIDEWALK REMOVAL
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER
- \*XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 753.18  
 BENCHMARK: NORTH BOLT OF FIRE HYDRANT  
 LOCATION: SOUTHWEST CORNER OF IL 59 AND AUGUSTA AVE.

## IL 59

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 IL 59 AT AUGUSTA AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2016-063I	DUPAGE	67	8
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				

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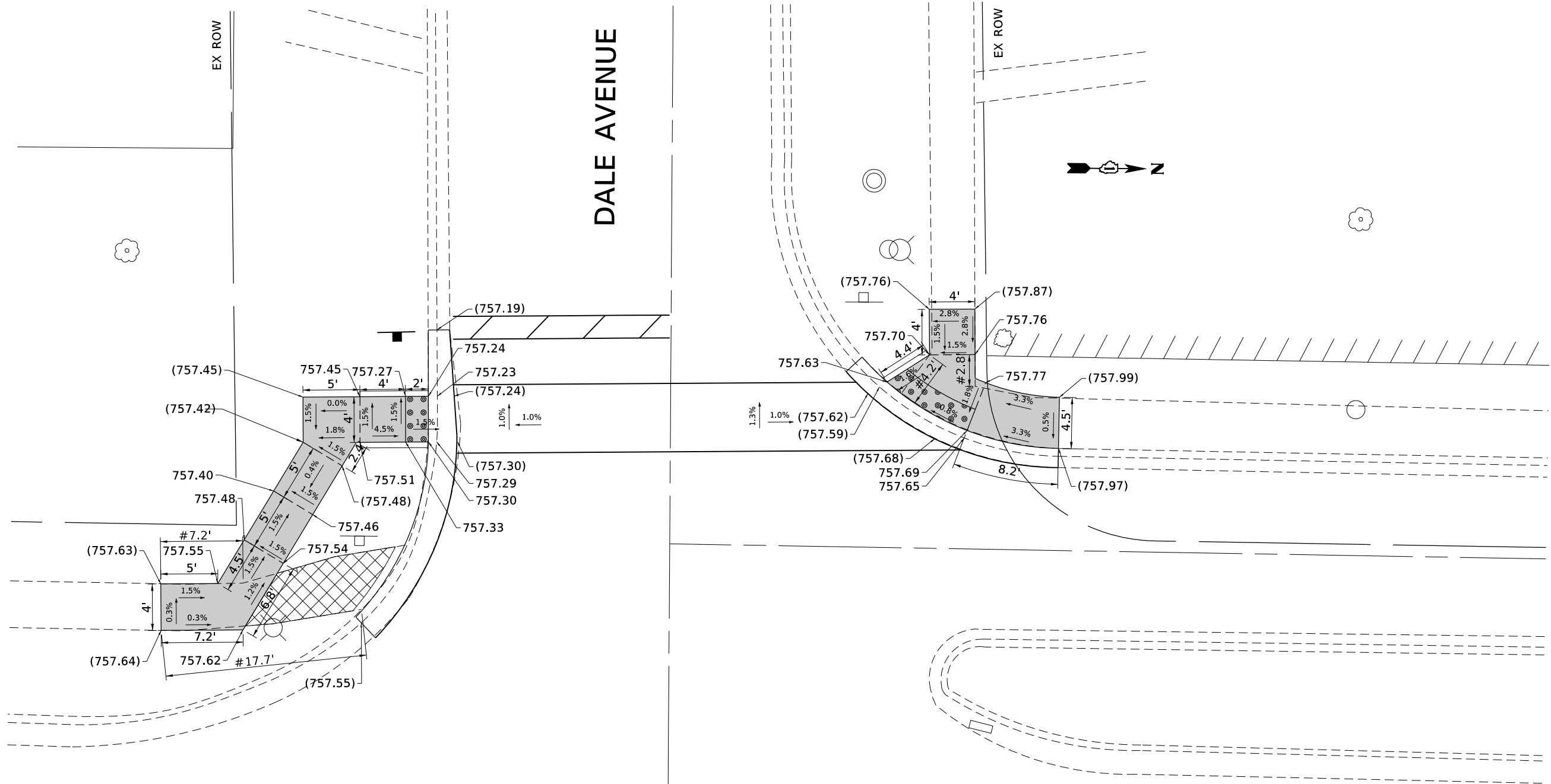
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PLOT DATE = 2/1/2018	DATE -	REVISED -	



EX ROW

DALE AVENUE






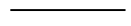
EX ROW



REFERENCE BENCHMARK ELEV 759.84  
BENCHMARK: "X" IN NORTH BOLT OF FIRE HYDRANT  
LOCATION: NORTHWEST CORNER OF HAHN PL. AND DALE AVE.

IL 59

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

MODEL: Default  
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PLOT DATE = 2/1/2018	DATE -	REVISED -

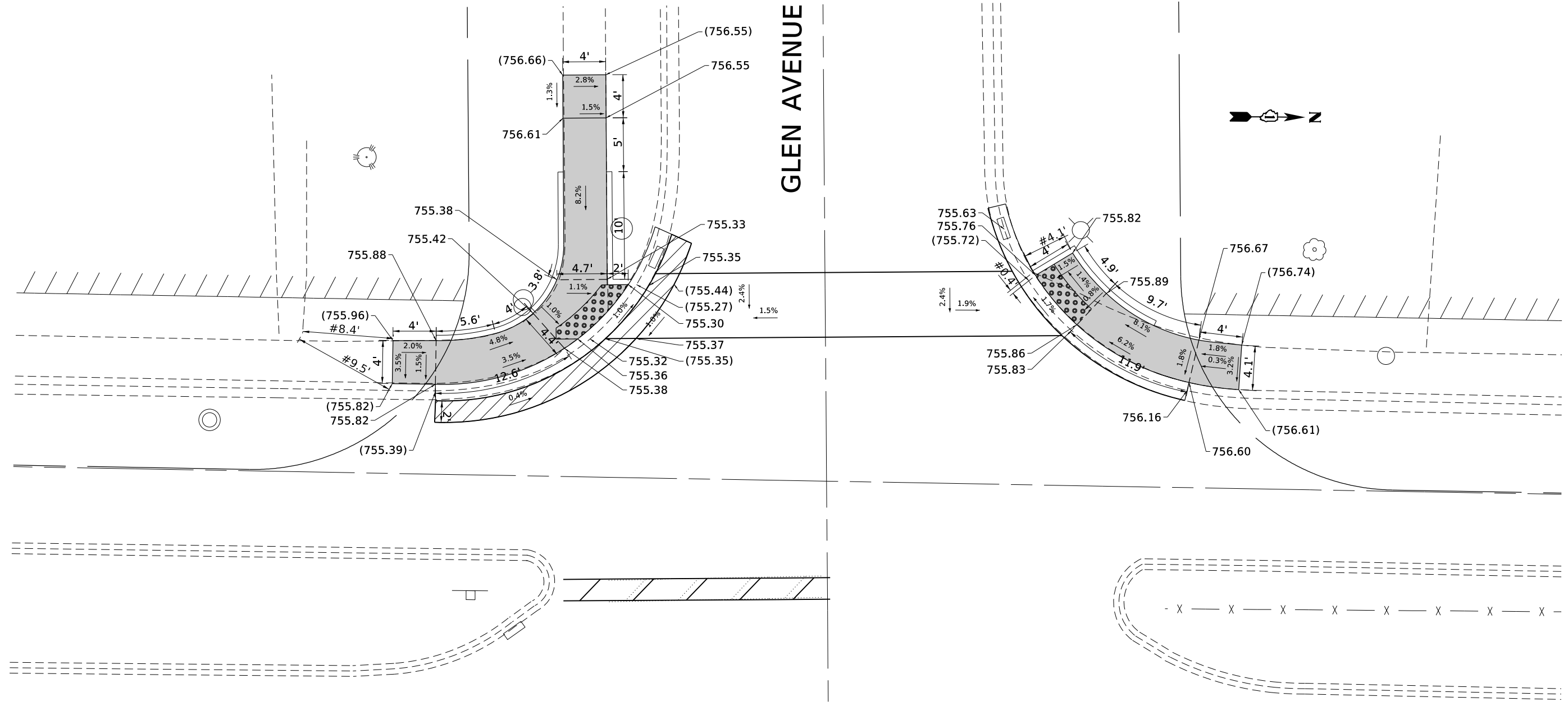
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS  
IL 59 AT DALE AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2016-063I	DUPAGE	67	9
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

# GLEN AVENUE



### LEGEND

- PROPOSED DETECTABLE WARNINGS
- CLASS D PATCHES
- SIDEWALK REMOVAL
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X'** EXISTING LENGTH

REFERENCE BENCHMARK ELEV 759.97  
 BENCHMARK: "X" IN NORTH BOLT OF FIRE HYDRANT  
 LOCATION: SOUTHWEST CORNER OF HAHN PL. AND GLEN AVE.

## IL 59

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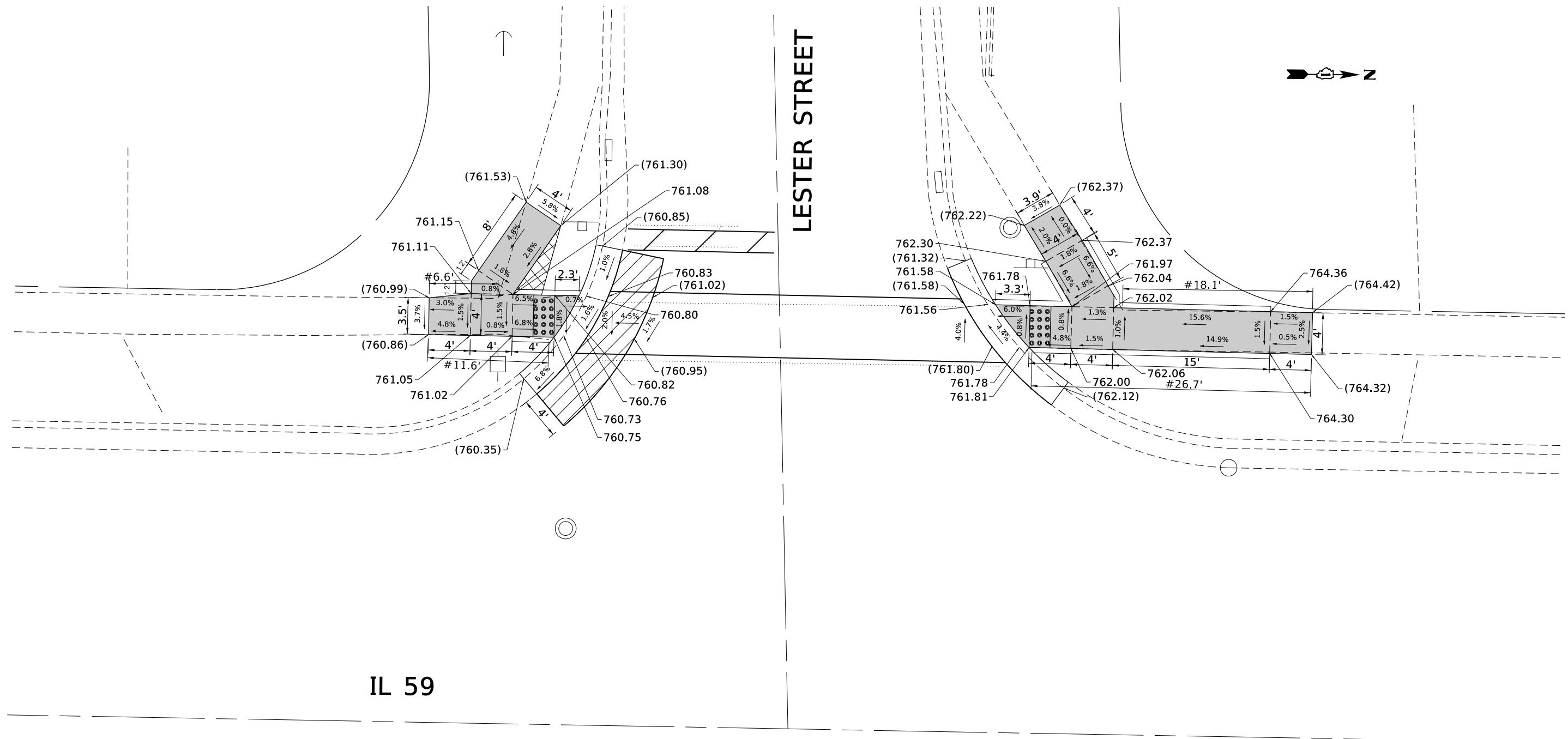
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
IL 59 AT GLEN AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	10
			CONTRACT NO. 62D58	
ILLINOIS FED. AID PROJECT				

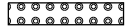




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IL 59

LESTER STREET

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 761.77  
 BENCHMARK: RAILROAD SPIKE IN POWER POLE WITH LIGHT  
 LOCATION: SOUTHWEST CORNER OF IL 59 AND LESTER ST.

USER NAME = tariqfm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2018	DATE -	REVISED -

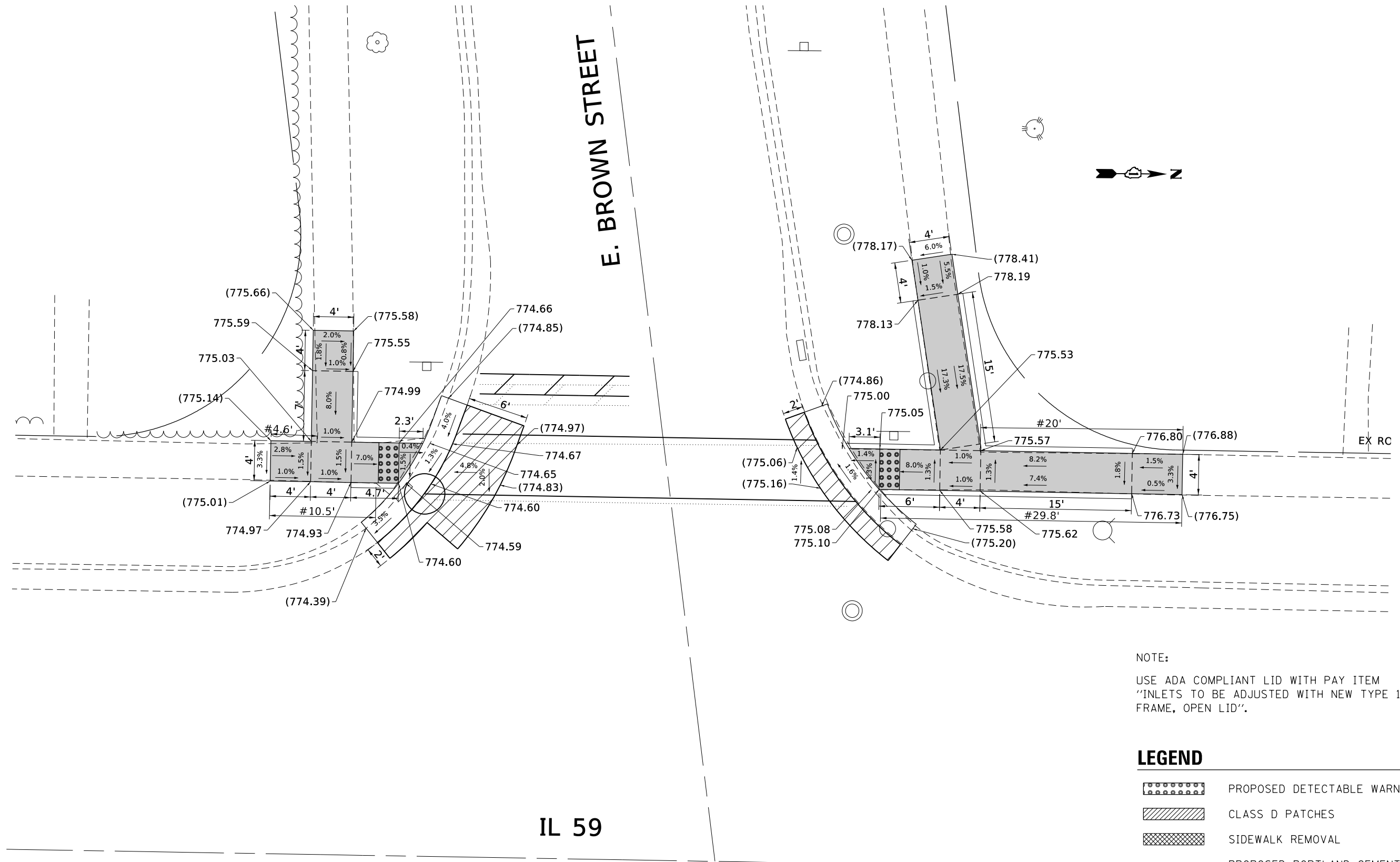
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET OF SHEETS		STA. TO STA.	

SIDEWALK RAMP DETAILS  
 IL 59 AT LESTER ST.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2016-063I		67	11
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

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NOTE:  
 USE ADA COMPLIANT LID WITH PAY ITEM  
 "INLETS TO BE ADJUSTED WITH NEW TYPE 1  
 FRAME, OPEN LID".

**LEGEND**

	PROPOSED DETECTABLE WARNINGS
	CLASS D PATCHES
	SIDEWALK REMOVAL
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
	PROPOSED COMBINATION CONCRETE CURB & GUTTER
#XX.X'	EXISTING LENGTH

REFERENCE BENCHMARK ELEV 777.98  
 BENCHMARK: NORTHWEST BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 59 AND BROWN ST.

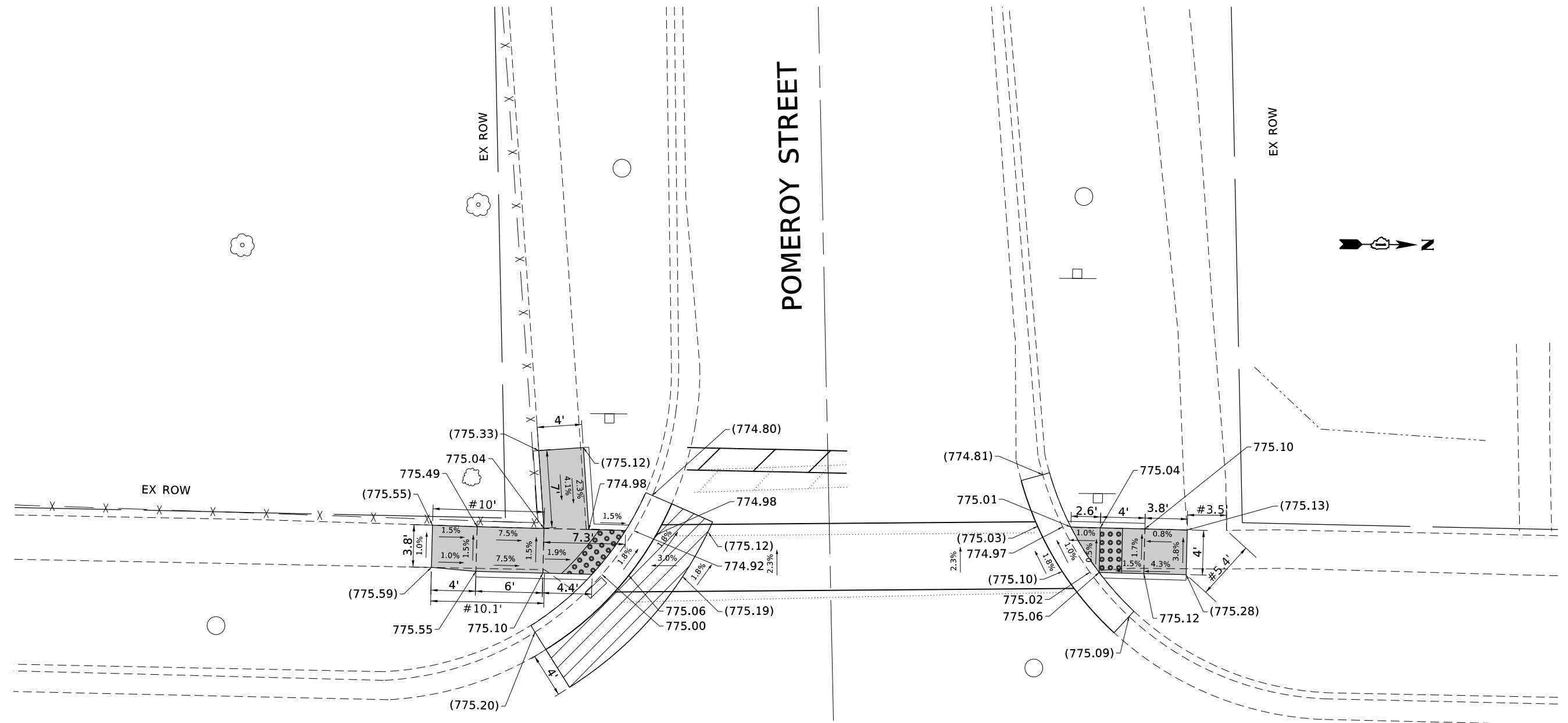
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PLOT DATE = 2/1/2018	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS  
 IL 59 AT E. BROWN ST.**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2016-063I	DUPAGE	67	12
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	



**NOTE:**

USE ADA COMPLIANT LID WITH PAY ITEM  
 "INLETS TO BE ADJUSTED WITH NEW TYPE 1  
 FRAME, OPEN LID".

REFERENCE BENCHMARK ELEV 775.36  
 BENCHMARK: "X" IN METAL RIM OF MANHOLE  
 LOCATION: SOUTHWEST CORNER OF IL 59 AND STIMMEL ST.

**LEGEND**

- PROPOSED DETECTABLE WARNINGS
- CLASS D PATCHES
- SIDEWALK REMOVAL
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

**IL 59**

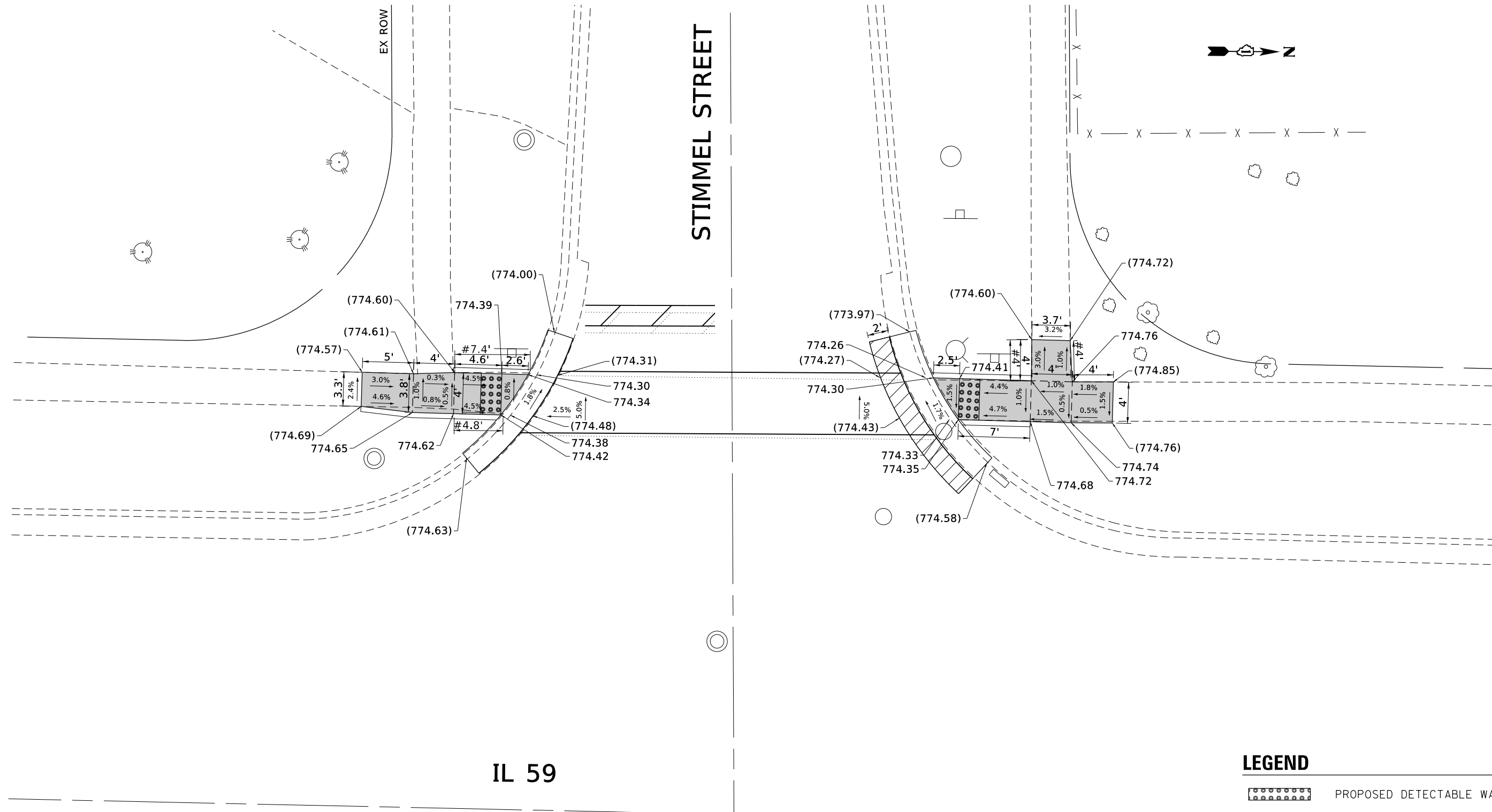
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 IL 59 AT POMEROY ST.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	13
CONTRACT NO. 62D58				

SCALE: SHEET OF SHEETS STA. TO STA.

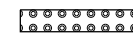




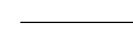
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IL 59

STIMMEL STREET

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 777.19  
 BENCHMARK: NORTH BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 59 AND STIMMEL ST.

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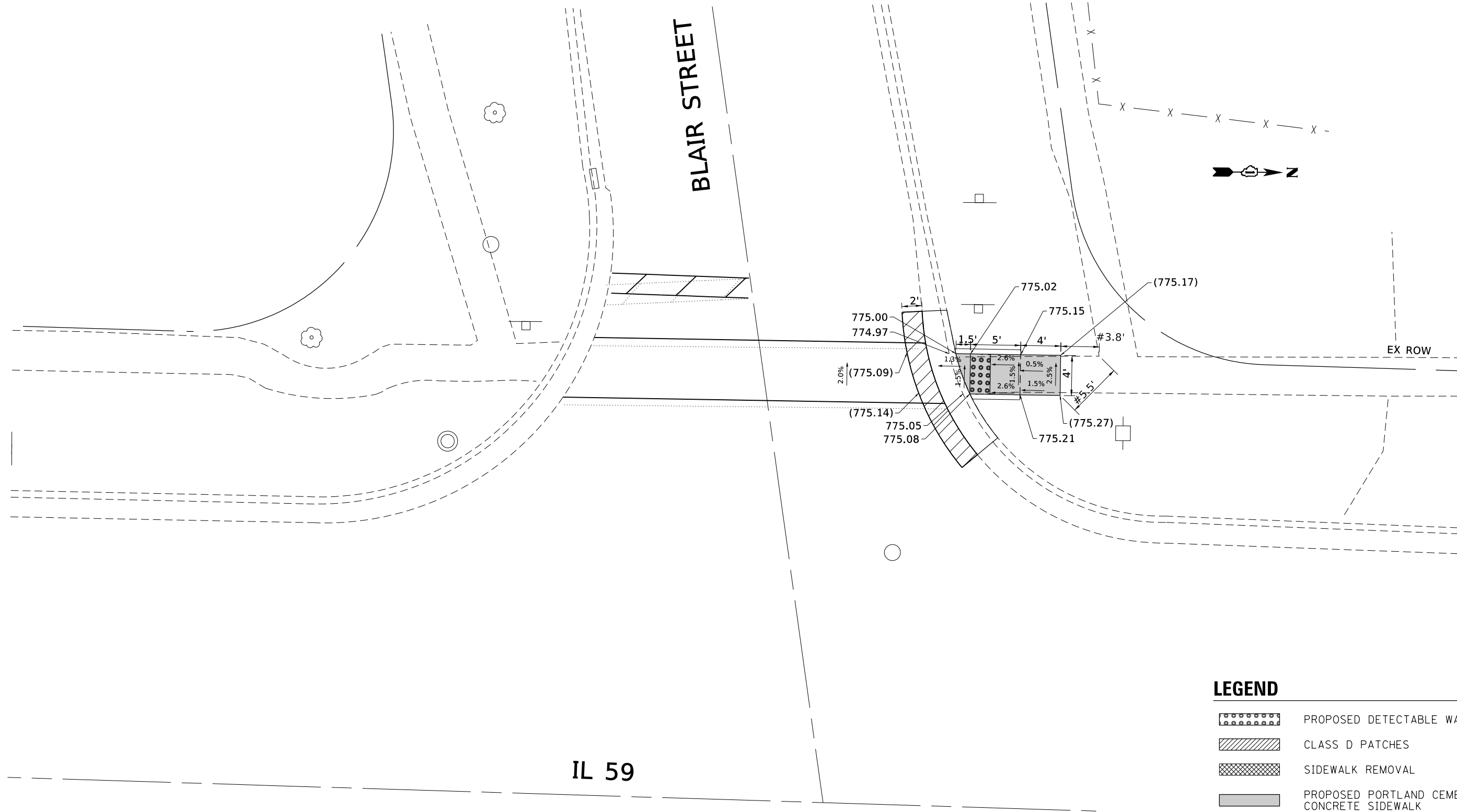
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS  
 IL 59 AT STIMMEL ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	14
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

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**LEGEND**

	PROPOSED DETECTABLE WARNINGS
	CLASS D PATCHES
	SIDEWALK REMOVAL
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
	PROPOSED COMBINATION CONCRETE CURB & GUTTER
#XX.X'	EXISTING LENGTH

REFERENCE BENCHMARK ELEV 774.99  
 BENCHMARK: NORTHWEST BOLT OF FIRE HYDRANT  
 LOCATION: SOUTHEAST CORNER OF IL 59 AND BLAIR ST.

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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

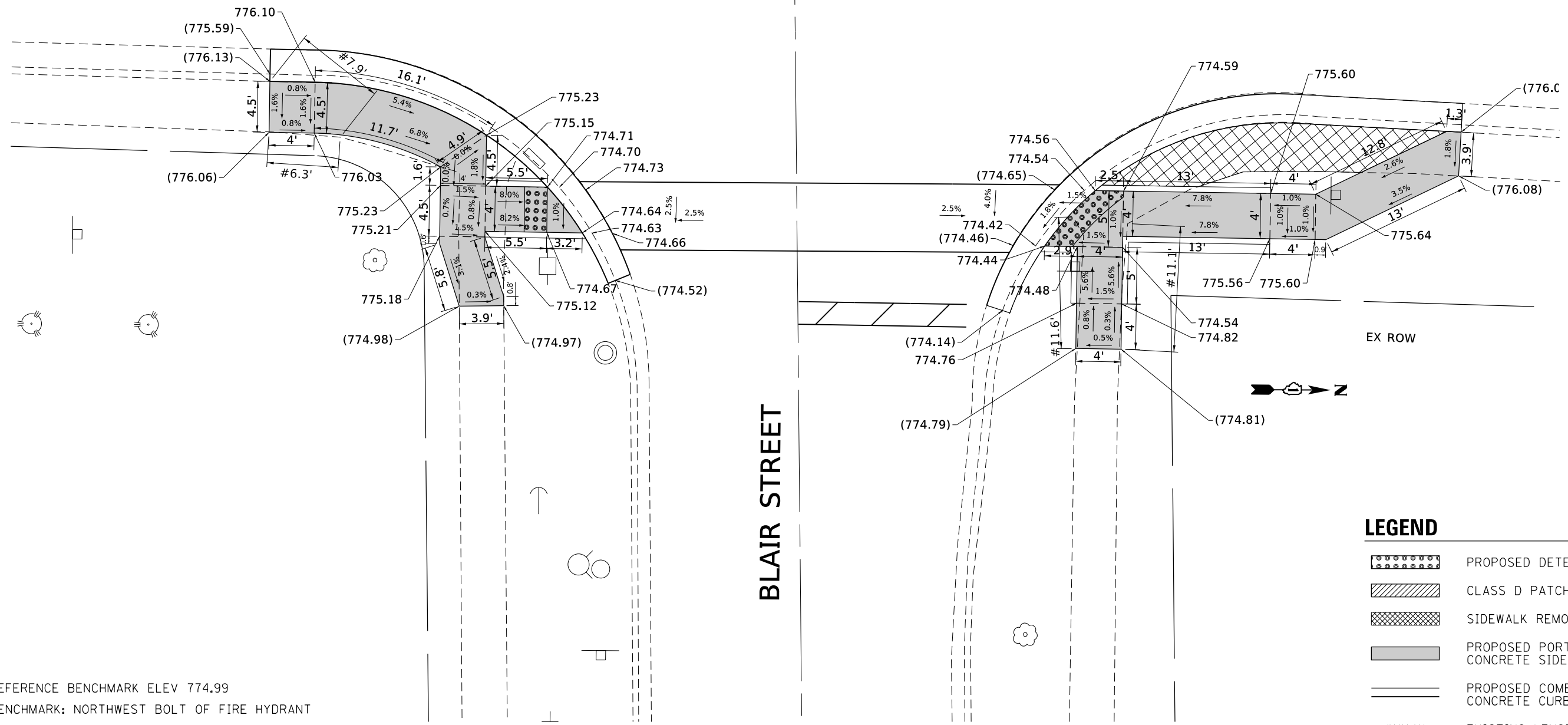
**SIDEWALK RAMP DETAILS  
 IL 59 AT BLAIR ST. (WEST LEG)**

SCALE: SHEET OF SHEETS STA. TO STA.






F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	15
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				

IL 59

BLAIR STREET



**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

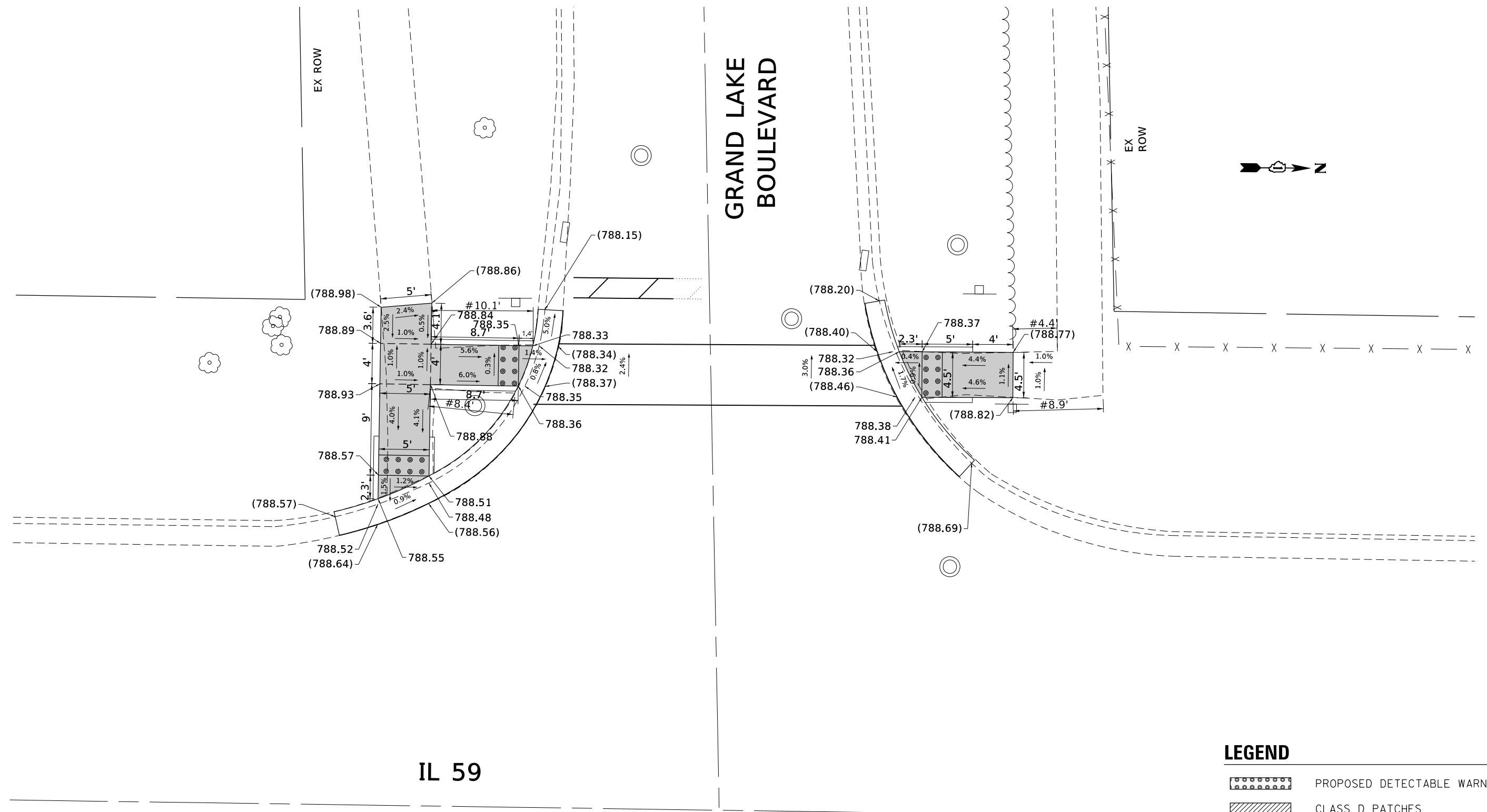
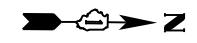
SIDEWALK RAMP DETAILS  
 IL 59 AT BLAIR ST. (EAST LEG)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	16
			CONTRACT NO. 62D58	
		ILLINOIS	FED. AID PROJECT	

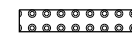




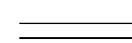


# GRAND LAKE BOULEVARD



**IL 59**

## LEGEND

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 790.33  
 BENCHMARK: NORTHWEST BOLT OF FIRE HYDRANT  
 LOCATION: NORTHEAST CORNER OF IL 59 AND GRAND LAKE BLVD.

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 IL 59 AT GRAND LAKE BLVD. (WEST LEG)**

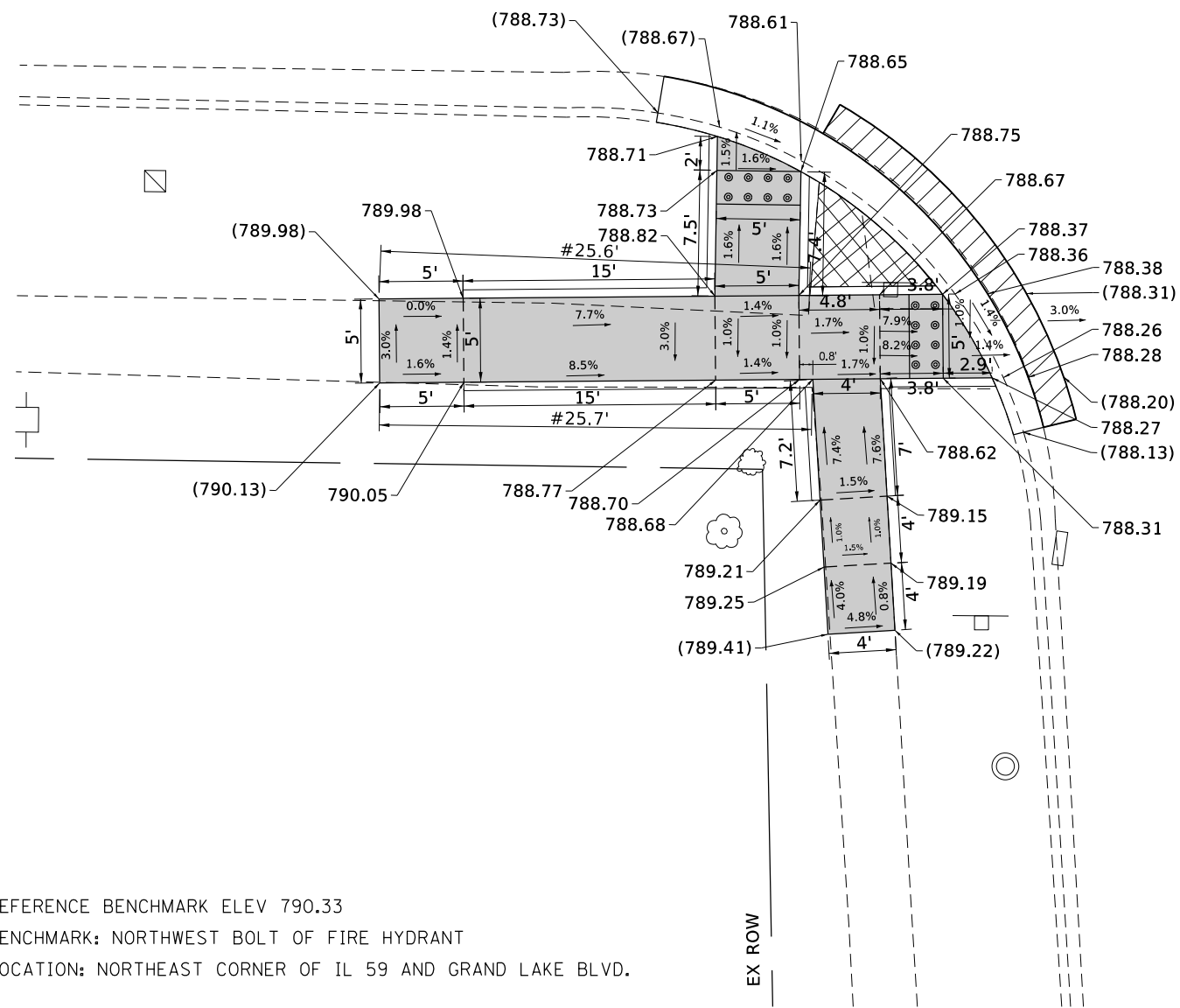
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PLOT DATE = 2/1/2018	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I		67	17
			CONTRACT NO. 62D58	
		ILLINOIS FED. AID PROJECT		

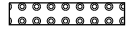



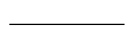

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IL 59



REFERENCE BENCHMARK ELEV 790.33  
 BENCHMARK: NORTHWEST BOLT OF FIRE HYDRANT  
 LOCATION: NORTHEAST CORNER OF IL 59 AND GRAND LAKE BLVD.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

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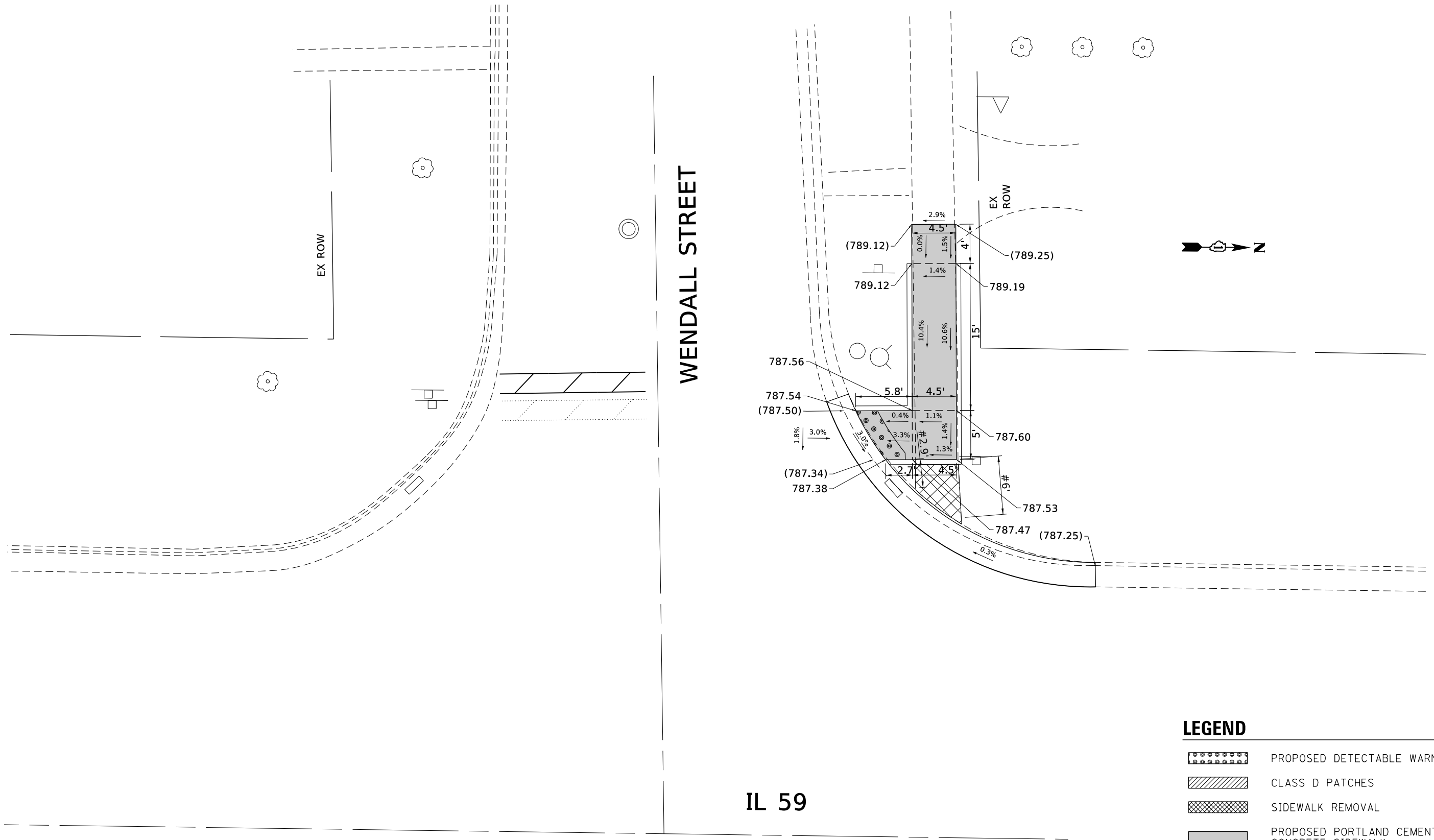
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS</b>			
<b>IL 59 AT GRAND LAKE BLVD. (EAST LEG)</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	18
				CONTRACT NO. 62D58
ILLINOIS FED. AID PROJECT				

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REFERENCE BENCHMARK ELEV 790.33  
 BENCHMARK: NORTHWEST BOLT OF FIRE HYDRANT  
 LOCATION: NORTHEAST CORNER OF IL 59 AND GRAND LAKE BLVD.

**LEGEND**

- PROPOSED DETECTABLE WARNINGS
- CLASS D PATCHES
- SIDEWALK REMOVAL
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

USER NAME = tariqfm	DESIGNED -	REVISED -	
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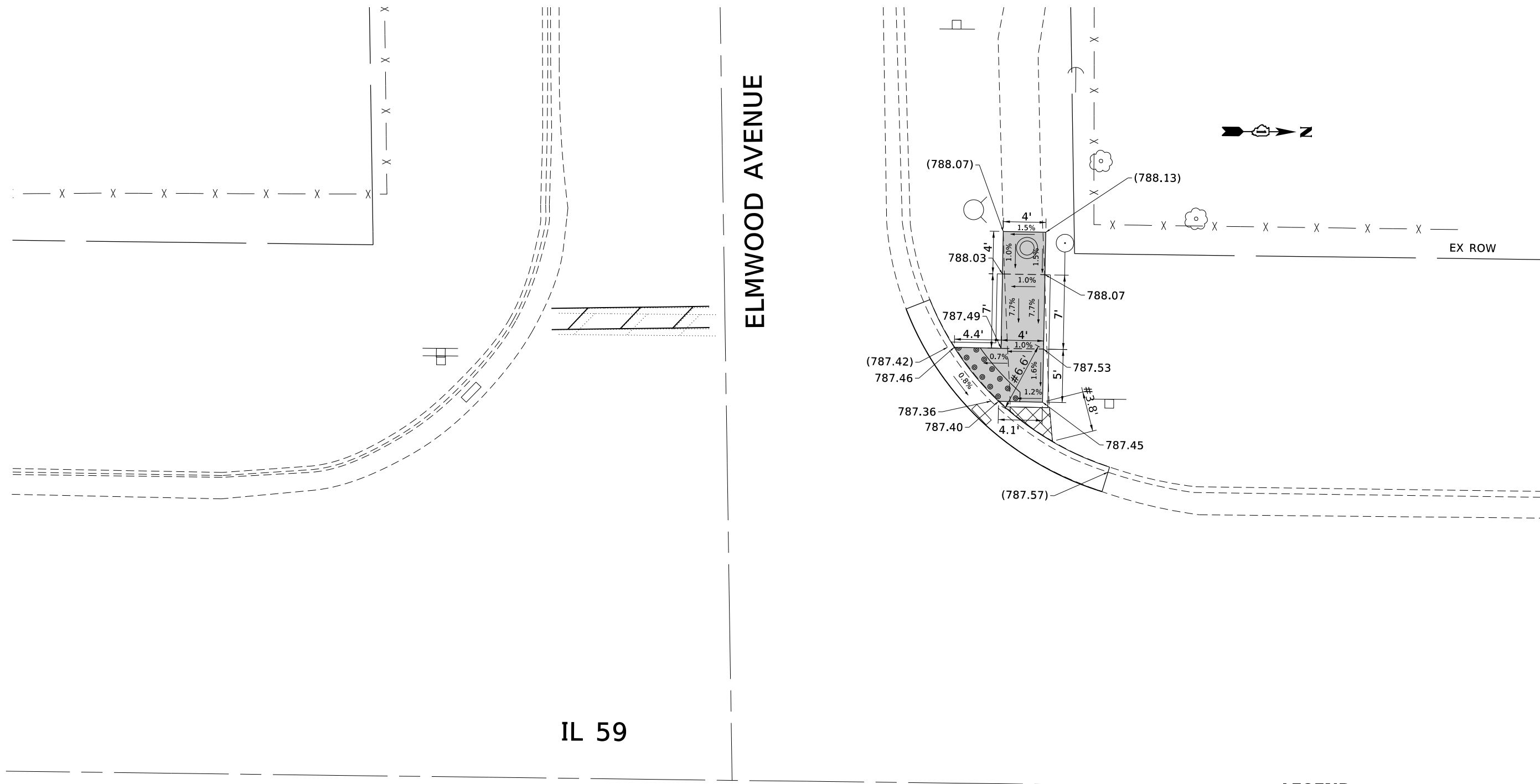
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS**  
**IL 59 AT WENDALL ST.**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I		67	19
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				

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IL 59






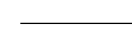
ELMWOOD AVENUE

**NOTE:**

USE ADA COMPLIANT LID WITH PAY ITEM  
 "INLETS TO BE ADJUSTED WITH NEW TYPE 1  
 FRAME, OPEN LID".

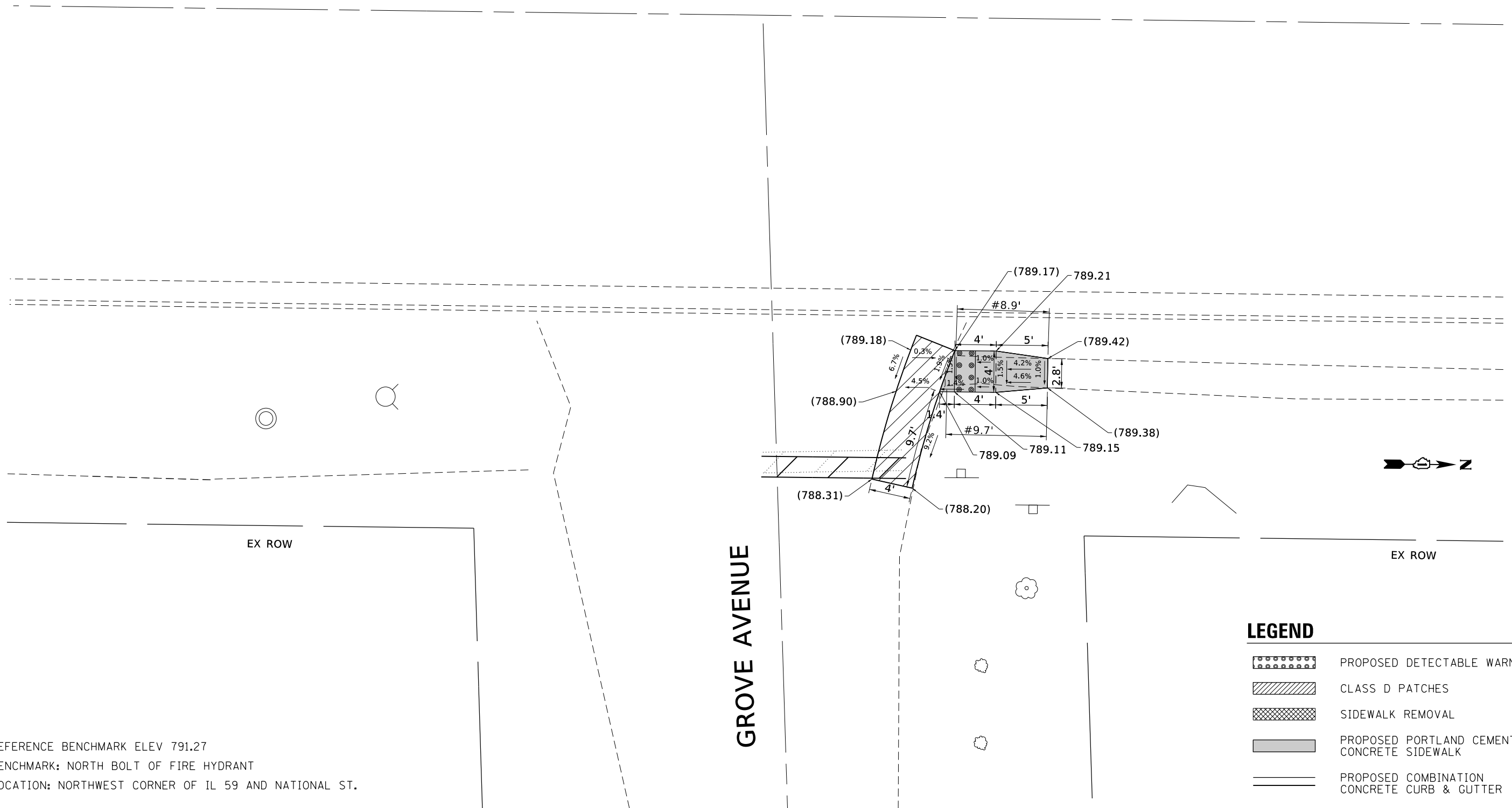
REFERENCE BENCHMARK ELEV 791.36  
 BENCHMARK: "X" IN NORTH BOLT OF FIRE HYDRANT  
 LOCATION: SOUTHEAST CORNER OF IL 59 AND GROVE AVE.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH






USER NAME = tariqfm DESIGNED - DRAWN - PLOT SCALE = 10.0000 ' / in. CHECKED - PLOT DATE = 2/1/2018 DATE -				REVISED - REVISED - REVISED - REVISED -				<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>				<b>SIDEWALK RAMP DETAILS          IL 59 AT ELMWOOD AVE.</b>				F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. VAR. 2016-063I DUPAGE 67 20	
SCALE:				SHEET OF SHEETS				STA. TO STA.				ILLINOIS FED. AID PROJECT					
												CONTRACT NO. 62D58					

IL 59



REFERENCE BENCHMARK ELEV 791.27  
 BENCHMARK: NORTH BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 59 AND NATIONAL ST.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

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PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

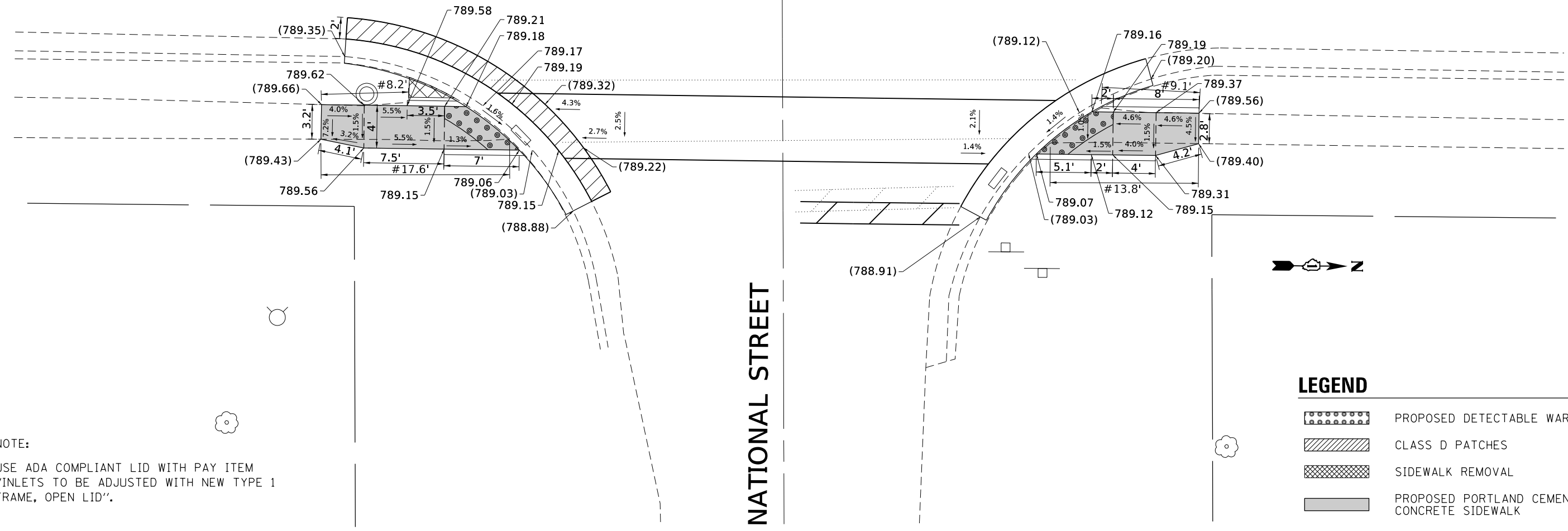
**SIDEWALK RAMP DETAILS  
 IL 59 AT GROVE AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	21
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

IL 59







NATIONAL STREET



NOTE:  
 USE ADA COMPLIANT LID WITH PAY ITEM  
 "INLETS TO BE ADJUSTED WITH NEW TYPE 1  
 FRAME, OPEN LID".

REFERENCE BENCHMARK ELEV 791.27  
 BENCHMARK: NORTH BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 59 AND NATIONAL ST.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  EXISTING LENGTH

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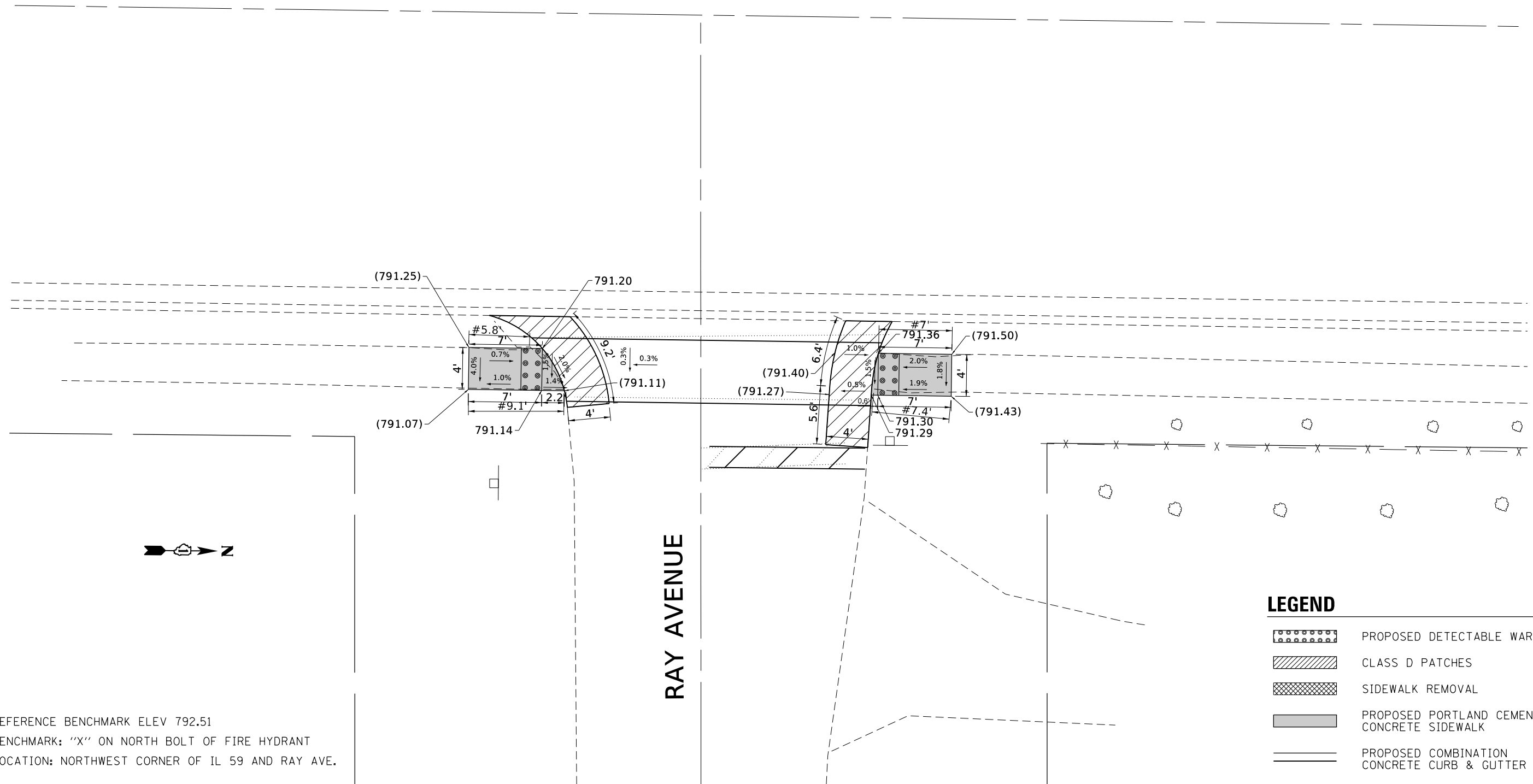
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET OF SHEETS		STA. TO STA.	

SIDEWALK RAMP DETAILS  
 IL 59 AT NATIONAL ST.






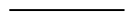
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I		67	22
			CONTRACT NO. 62D58	
		ILLINOIS	FED. AID PROJECT	

IL 59



REFERENCE BENCHMARK ELEV 792.51  
 BENCHMARK: "X" ON NORTH BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 59 AND RAY AVE.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  \*XX.X' EXISTING LENGTH

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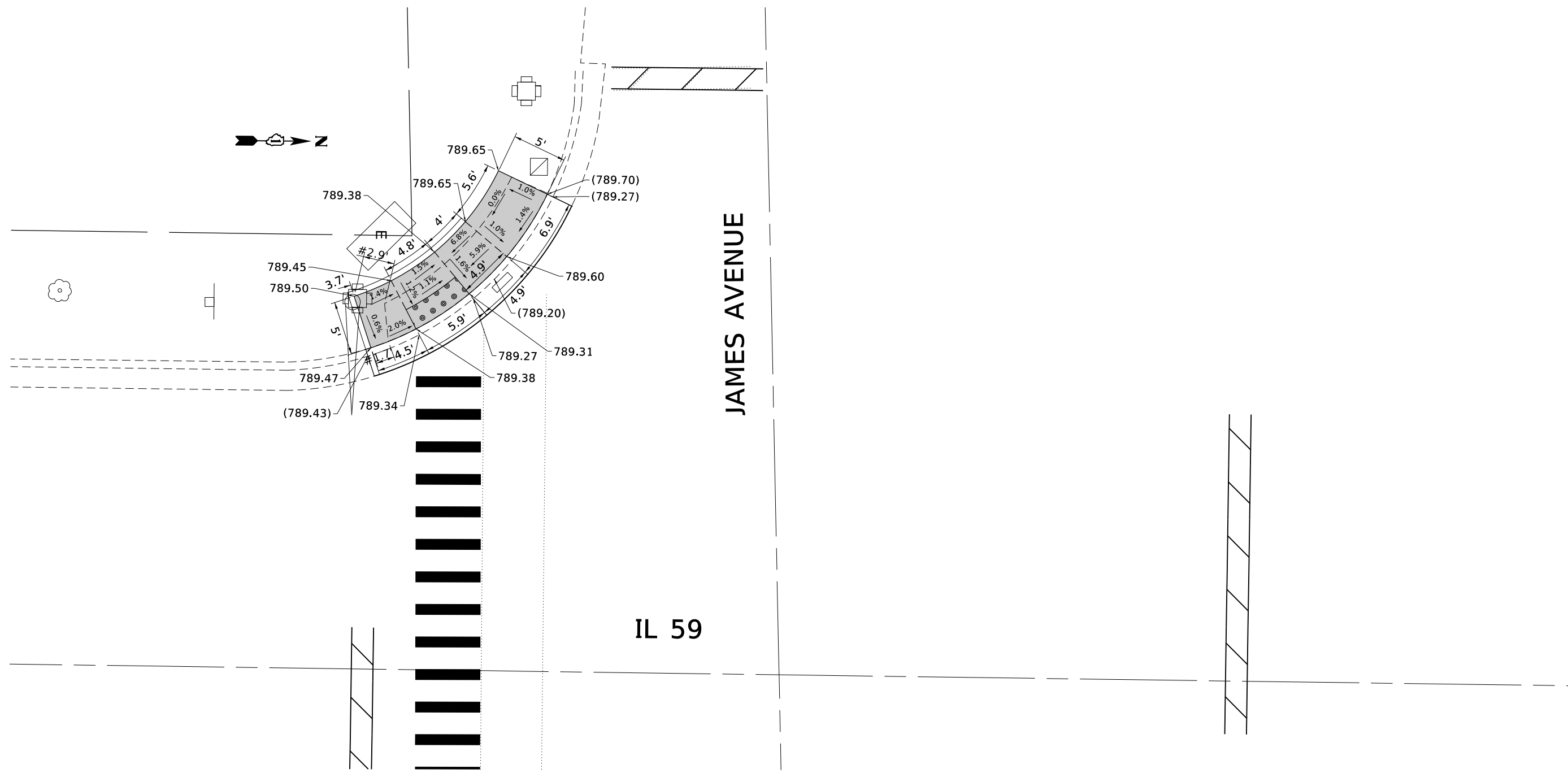
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PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 IL 59 AT RAY AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

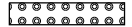




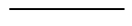
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	23
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	



JAMES AVENUE

IL 59

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

**NOTE:**

USE ADA COMPLIANT LID WITH PAY ITEM "INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID".

REFERENCE BENCHMARK ELEV 789.90  
 BENCHMARK: SQUARE IN CONCRETE BASE OF TRAFFIC SIGNAL WITH ARM  
 LOCATION: NORTHEAST CORNER OF IL 59 AND JAMES AVE.

MODEL: Default  
 FILE NAME: p:\IL08\BID\BIDDING\Illinois\pwr\DOT\Documents\DOT\_Offices\Illinet\1\Projects\126415\CADD\Drawings\126415-sht-06a-11c.dgn

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	DRAWN -	REVISED -
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PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS        IL 59 AT JAMES AVE. (WEST LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

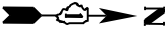
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	24
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				






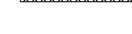

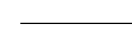
IL 59

JAMES AVENUE

CONTRACTOR SHALL FIELD VERIFY SURVEY POINT ELEVATION (ELEV = 789.44)



**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  EXISTING LENGTH

NOTE:  
 USE ADA COMPLIANT LID WITH PAY ITEM "INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID".

REFERENCE BENCHMARK ELEV 789.90  
 BENCHMARK: SQUARE IN CONCRETE BASE OF TRAFFIC SIGNAL WITH ARM  
 LOCATION: NORTHEAST CORNER OF IL 59 AND JAMES AVE.

USER NAME = tariqfm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2018	DATE -	REVISED -






STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

<b>SIDEWALK RAMP DETAILS</b>			
<b>IL 59 AT JAMES AVE. (EAST LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	25
CONTRACT NO. 62D58				
ILLINOIS		FED. AID PROJECT		

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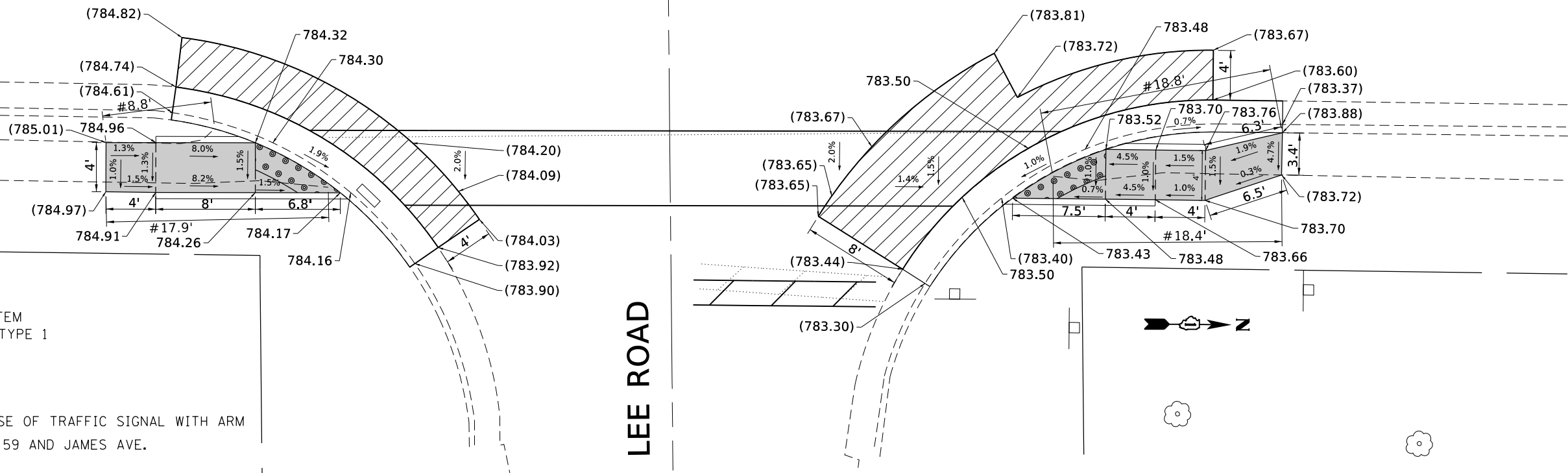
**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

CONTRACTOR SHALL FIELD VERIFY SURVEY POINT ELEVATION (ELEV = 784.44)

IL 59

LEE ROAD



**NOTE:**

USE ADA COMPLIANT LID WITH PAY ITEM "INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID".

REFERENCE BENCHMARK ELEV 789.90  
 BENCHMARK: SQUARE IN CONCRETE BASE OF TRAFFIC SIGNAL WITH ARM  
 LOCATION: NORTHEAST CORNER OF IL 59 AND JAMES AVE.

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	DRAWN -	REVISED -
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PLOT DATE = 2/1/2018	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

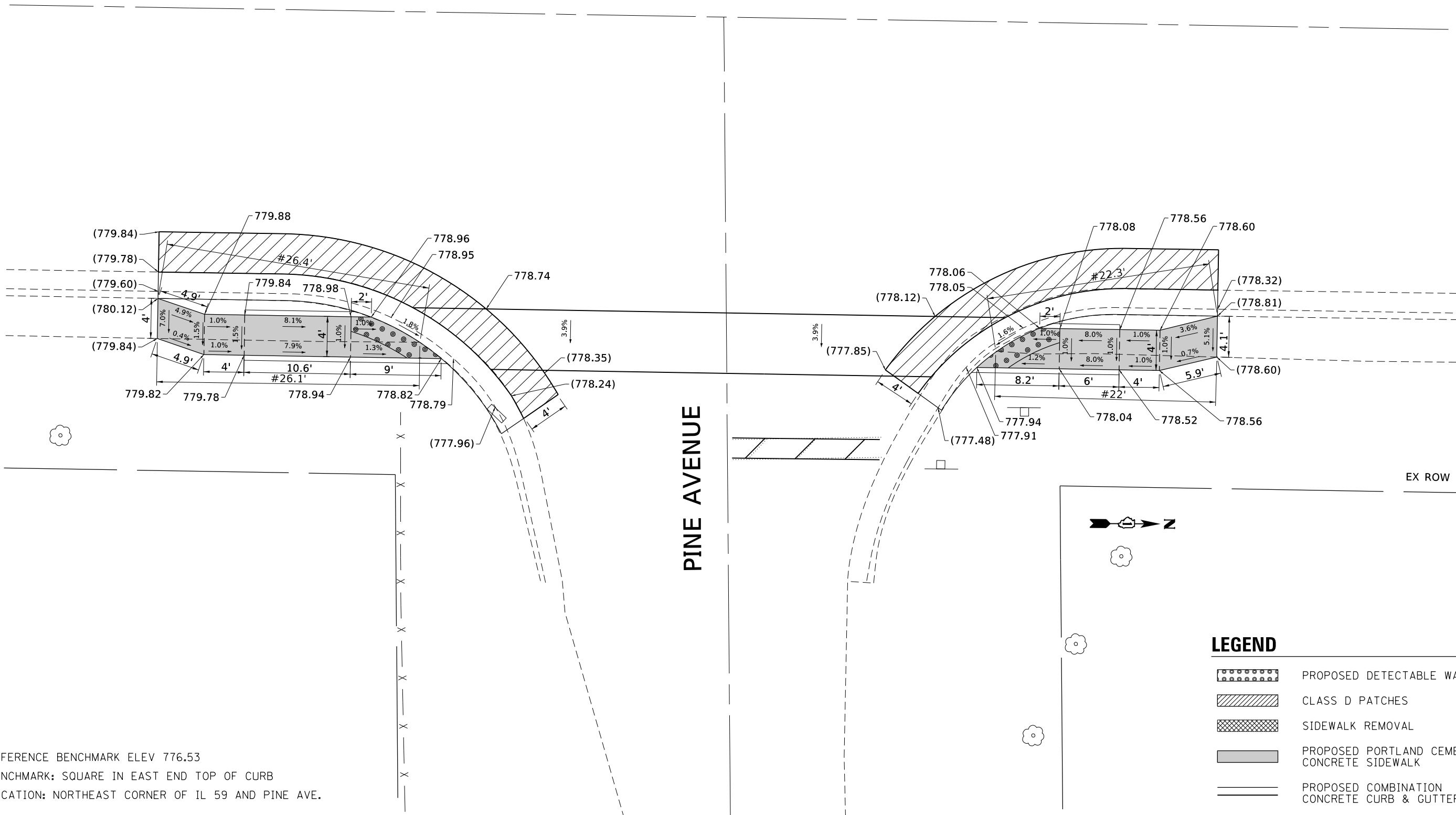
SIDEWALK RAMP DETAILS  
 IL 59 AT LEE RD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	26
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

IL 59

PINE AVENUE



REFERENCE BENCHMARK ELEV 776.53  
 BENCHMARK: SQUARE IN EAST END TOP OF CURB  
 LOCATION: NORTHEAST CORNER OF IL 59 AND PINE AVE.

**LEGEND**

- PROPOSED DETECTABLE WARNINGS
- CLASS D PATCHES
- SIDEWALK REMOVAL
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

MODEL: Default  
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DRAWN -	REVISOR -	REVISION -
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PLOT DATE = 2/1/2018	DATE -	REVISION -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS  
 IL 59 AT PINE AVE.

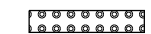
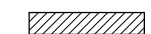



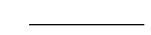
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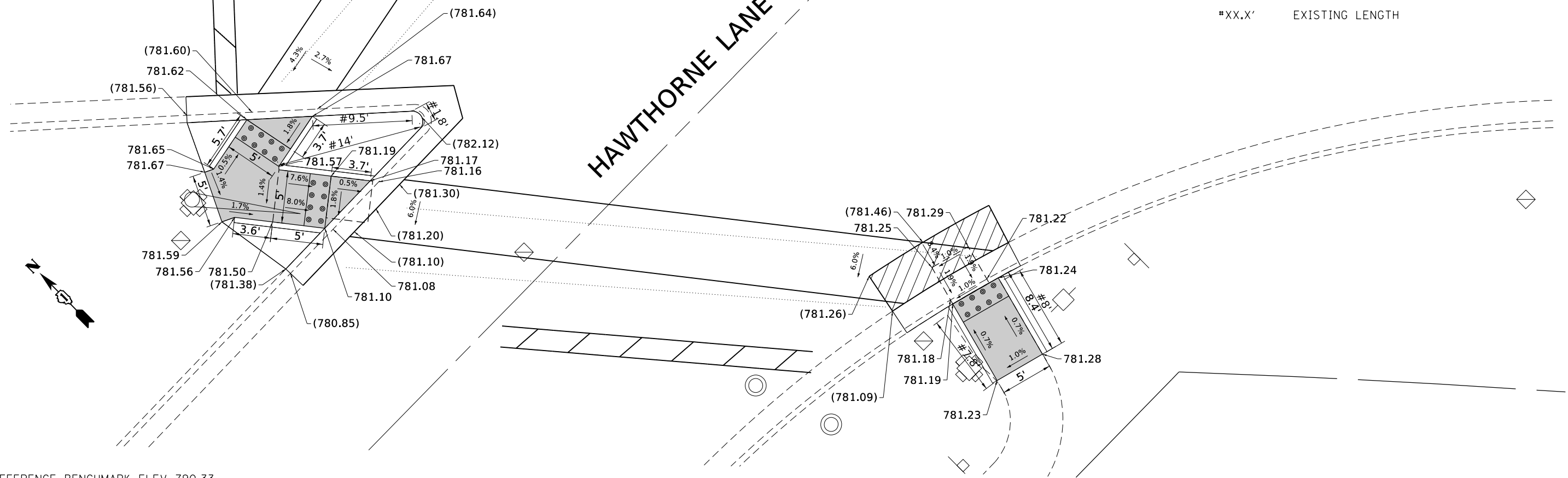
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	27
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

IL 59

HAWTHORNE LANE

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK OR PROPOSED CONCRETE MEDIAN SURFACE
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH



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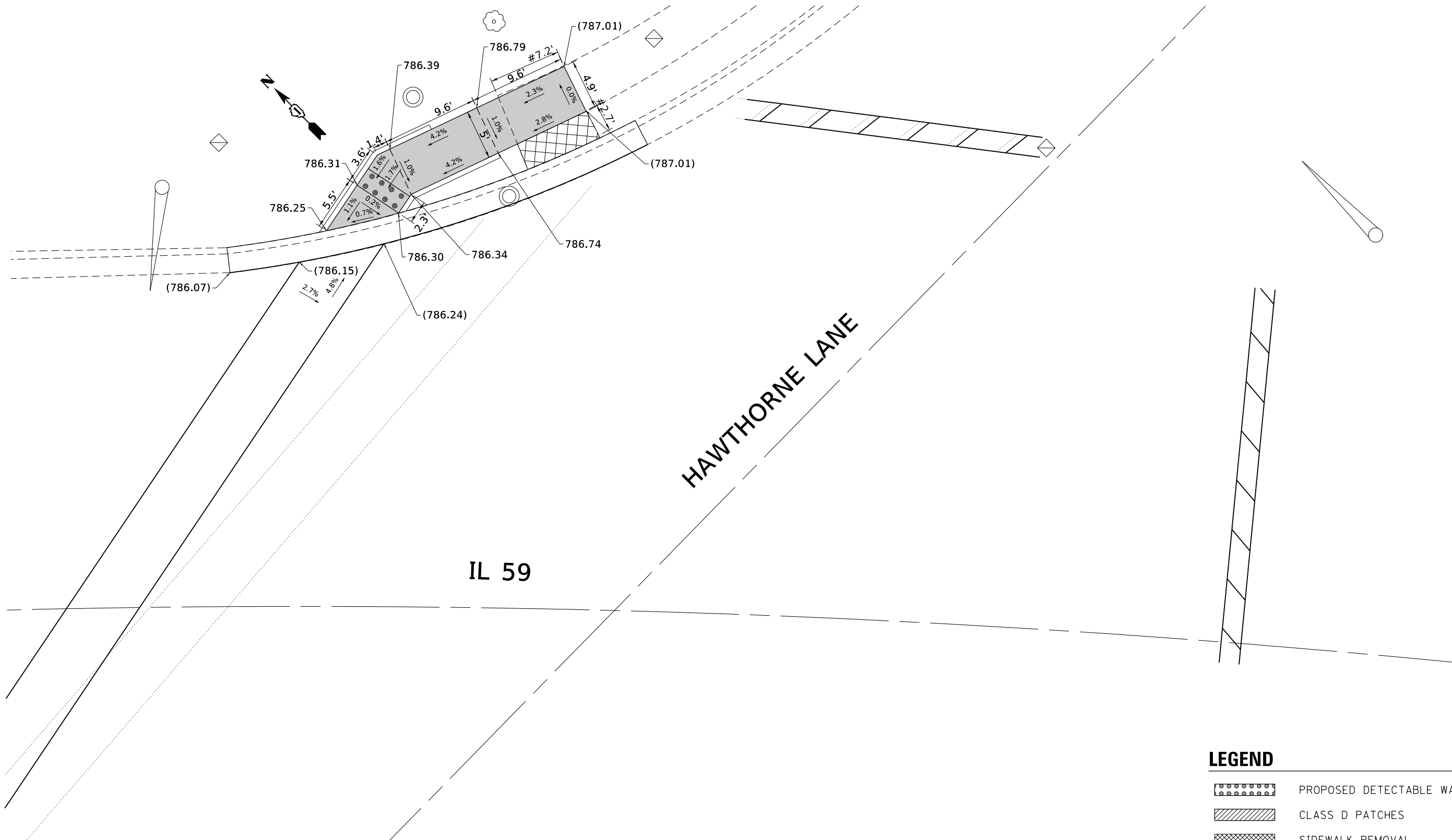
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PLOT DATE = 2/1/2018	DATE -	REVISED -







**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
IL 59 AT HAWTHORNE LN. (WEST LEG)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	28
			CONTRACT NO. 62D58	
ILLINOIS FED. AID PROJECT				



- LEGEND**
-  PROPOSED DETECTABLE WARNINGS
  -  CLASS D PATCHES
  -  SIDEWALK REMOVAL
  -  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
  -  PROPOSED COMBINATION CONCRETE CURB & GUTTER
  -  #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 790.33  
 BENCHMARK: SQUARE IN SOUTHWEST CORNER CONCRETE BASE OF TRAFFIC CONTROL BOX  
 LOCATION: SOUTHEAST CORNER OF IL 59 AND HAWTHORNE LN.

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PLOT DATE = 2/1/2018	DATE -	REVISED -






**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS</b>			
<b>IL 59 AT HAWTHORNE LN. (EAST LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	29
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X'** EXISTING LENGTH

REFERENCE BENCHMARK ELEV 770.68  
 BENCHMARK: SQUARE ON SOUTH CONCRETE BASE OF TRAFFIC SIGNAL WITH ARM  
 LOCATION: NORTHWEST CORNER OF IL 59 AND INGALTON AVE.

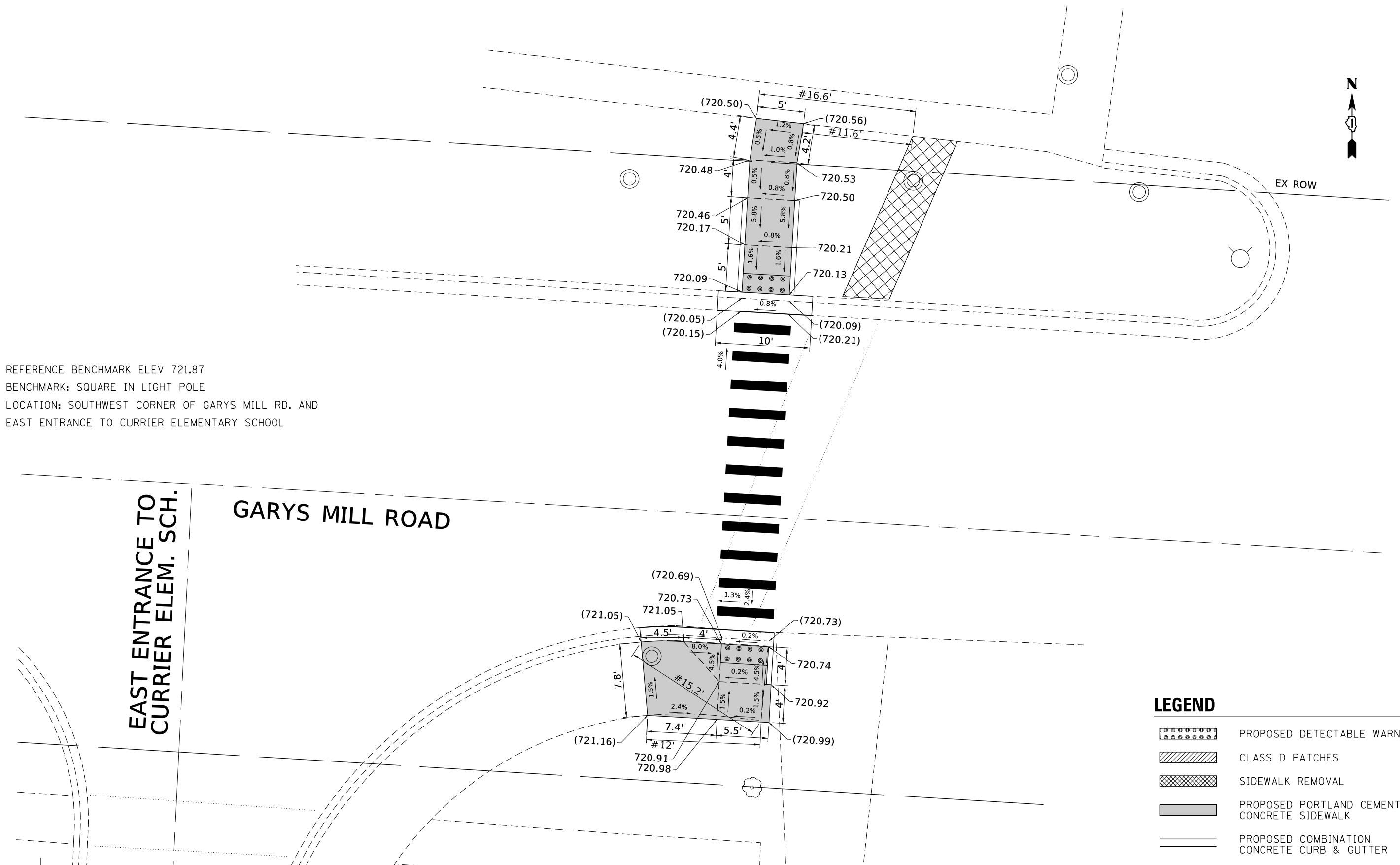
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	DRAWN -	REVISED -
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PLOT DATE = 2/1/2018	DATE -	REVISED -

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

<b>SIDEWALK RAMP DETAILS</b> <b>IL 59 AT INGALTON AVE.</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VAR.	2016-063I	DUPAGE	67	30
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.

ILLINOIS		FED. AID PROJECT	
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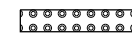




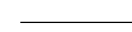


REFERENCE BENCHMARK ELEV 721.87  
 BENCHMARK: SQUARE IN LIGHT POLE  
 LOCATION: SOUTHWEST CORNER OF GARYS MILL RD. AND  
 EAST ENTRANCE TO CURRIER ELEMENTARY SCHOOL

EAST ENTRANCE TO  
 CURRIER ELEM. SCH.

GARYS MILL ROAD

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT  
CONCRETE SIDEWALK
-  PROPOSED COMBINATION  
CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

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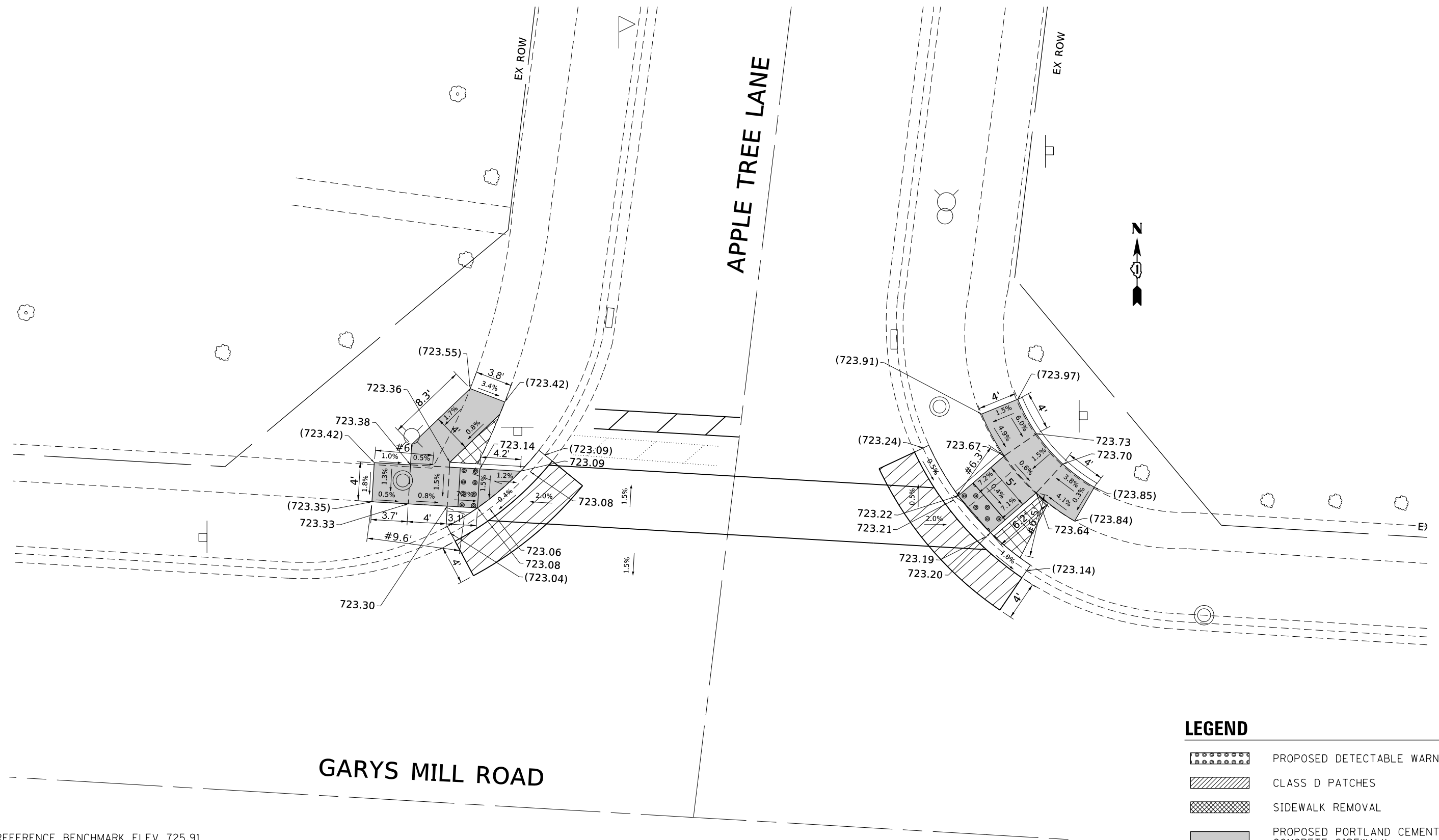
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 GARYS MILL RD. AT EAST ENTRANCE TO CURRIER ELEMENTARY SCHOOL**






SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	31
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

	PROPOSED DETECTABLE WARNINGS
	CLASS D PATCHES
	SIDEWALK REMOVAL
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
	PROPOSED COMBINATION CONCRETE CURB & GUTTER
#XX.X'	EXISTING LENGTH

REFERENCE BENCHMARK ELEV 725.91  
 BENCHMARK: NORTHWEST BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF GARYS MILL RD. AND APPLE TREE LN.

USER NAME = tariqfm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/1/2018	DATE -	REVISED -

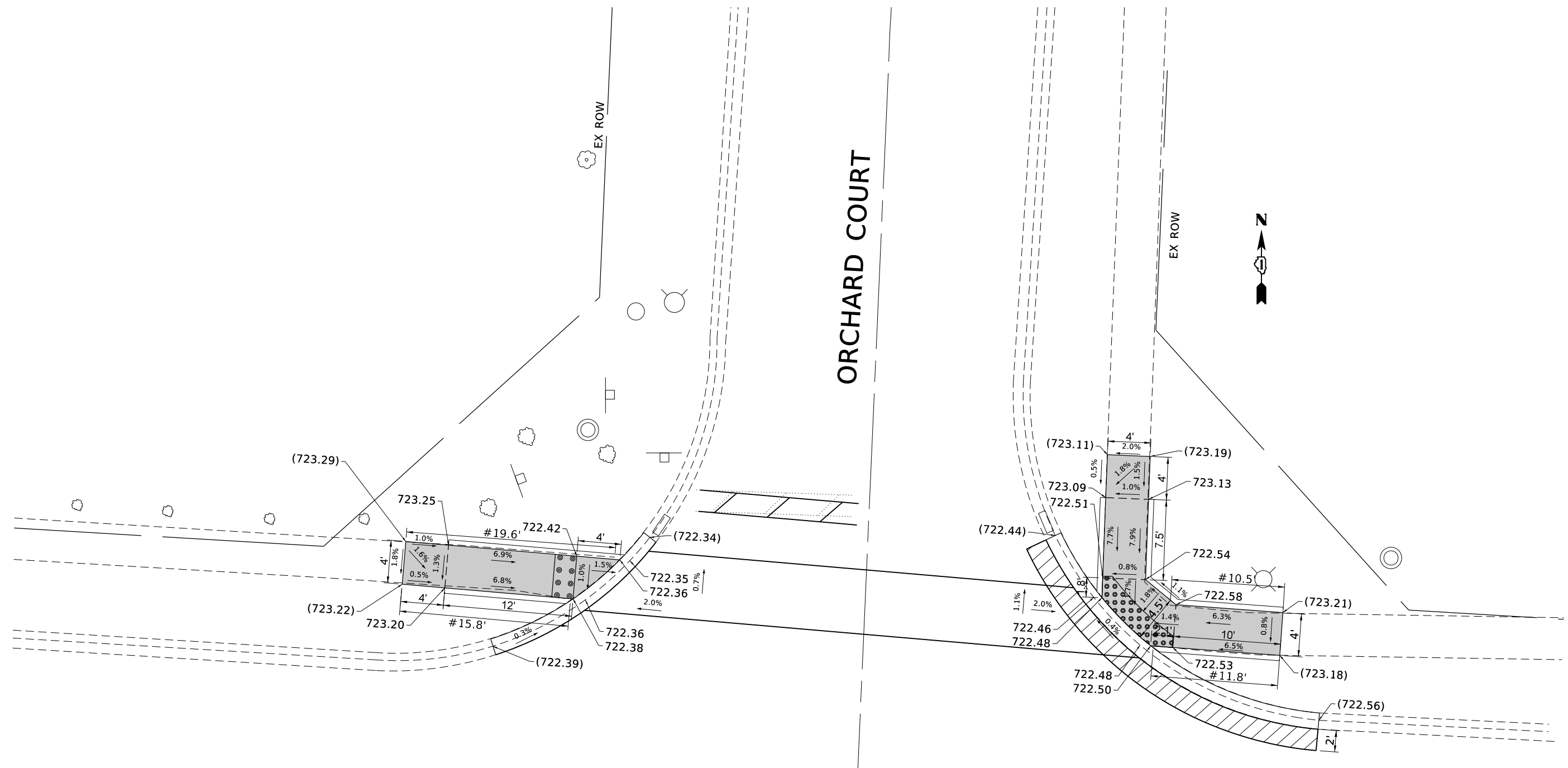
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS</b>			
<b>GARYS MILL RD. AT APPLE TREE LN.</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	32
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				



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**LEGEND**

	PROPOSED DETECTABLE WARNINGS
	CLASS D PATCHES
	SIDEWALK REMOVAL
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
	PROPOSED COMBINATION CONCRETE CURB & GUTTER
#XX.X'	EXISTING LENGTH

REFERENCE BENCHMARK ELEV 725.51  
 BENCHMARK: BOLT WITH ARROW ON FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF GARYS MILL RD. AND ORCHARD CT.

USER NAME = tariqfm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/1/2018	DATE -	REVISED -

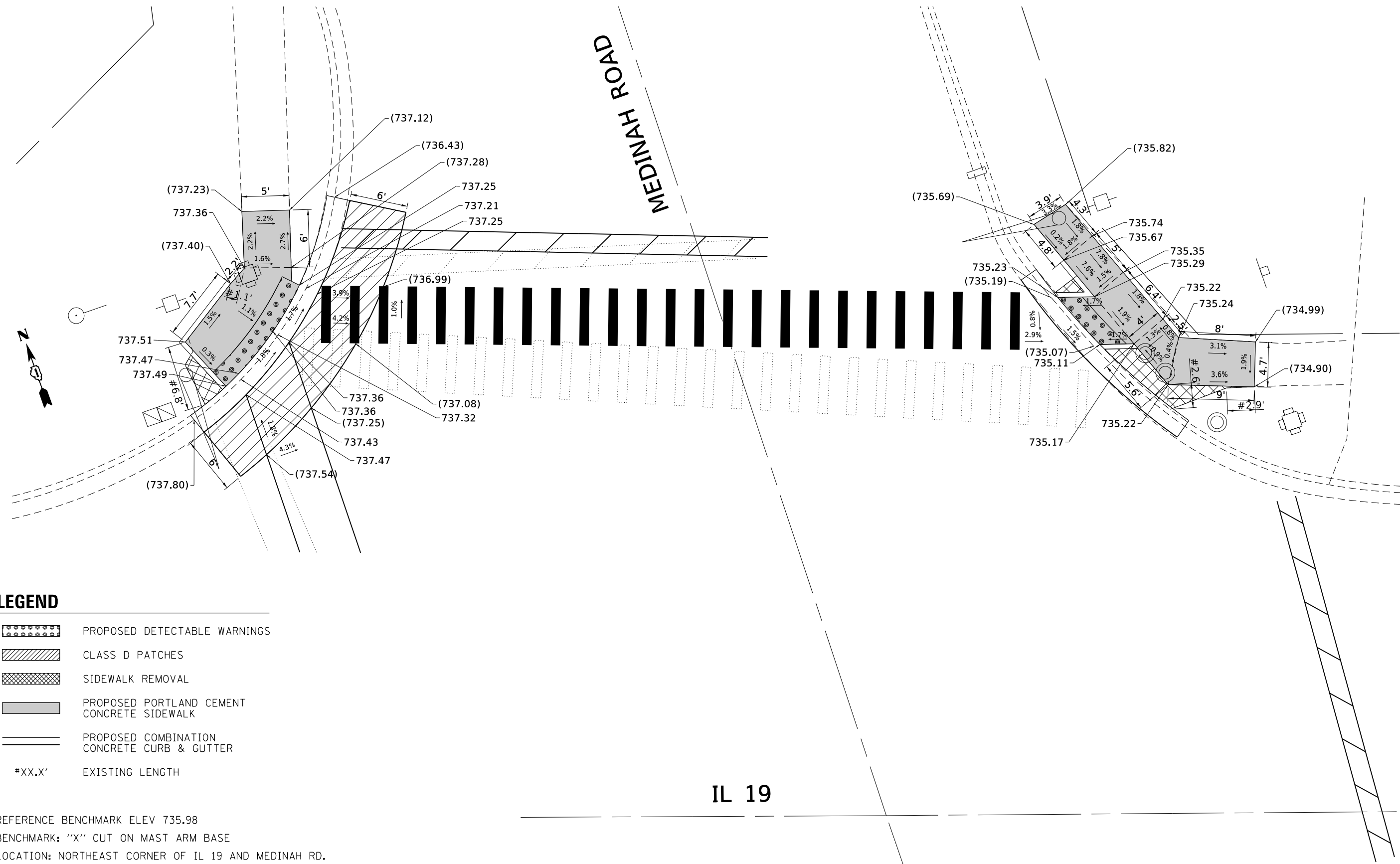
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 GARYS MILL RD. AT ORCHARD CT.**

SCALE: SHEET OF SHEETS STA. TO STA.


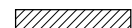



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	33
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

MEDINAH ROAD



IL 19

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 735.98  
 BENCHMARK: "X" CUT ON MAST ARM BASE  
 LOCATION: NORTHEAST CORNER OF IL 19 AND MEDINAH RD.

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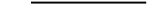
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PLOT DATE = 3/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS</b>			
<b>IL 19 AT MEDINAH RD. (NORTH LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

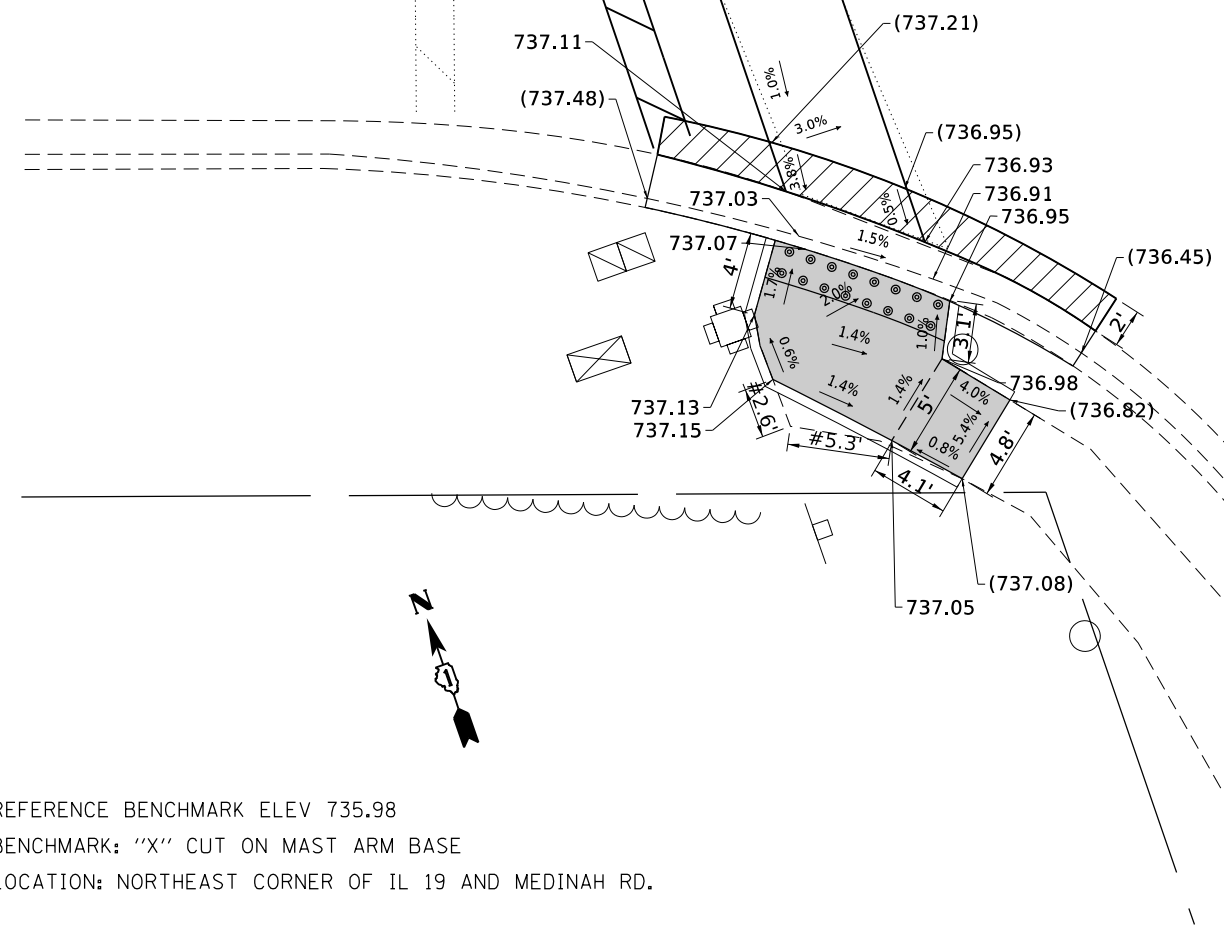
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	34
			CONTRACT NO. 62D58	
ILLINOIS FED. AID PROJECT				

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

IL 19

MEDINAH ROAD



REFERENCE BENCHMARK ELEV 735.98  
 BENCHMARK: "X" CUT ON MAST ARM BASE  
 LOCATION: NORTHEAST CORNER OF IL 19 AND MEDINAH RD.

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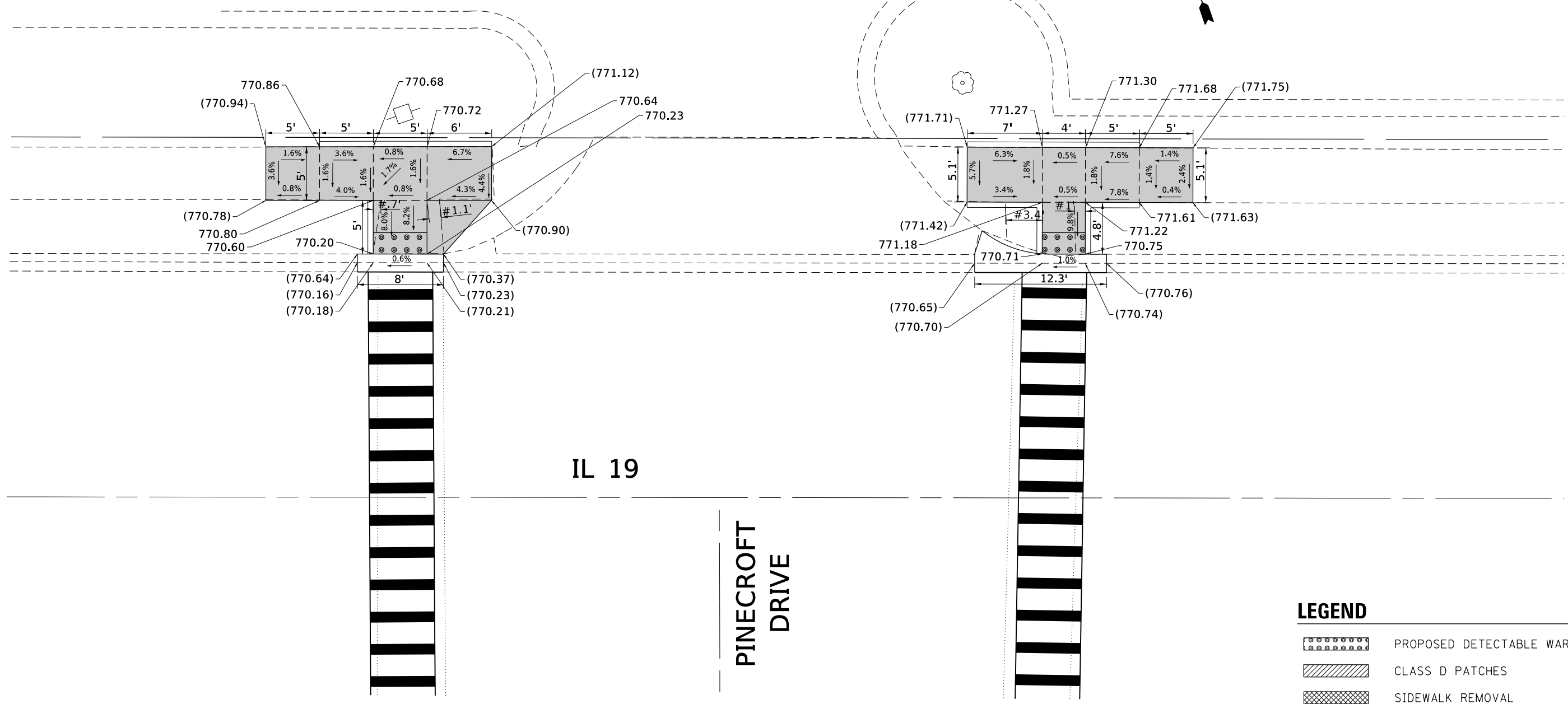
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 IL 19 AT MEDINAH RD. (SOUTH LEG)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	35
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	





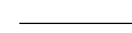


IL 19

PINECROFT  
DRIVE

REFERENCE BENCHMARK ELEV 773.25  
 BENCHMARK: "X" IN SOUTHEAST BOLT OF FIRE HYDRANT  
 LOCATION: SOUTHEAST CORNER OF IL 19 AND PINECROFT DR.

**LEGEND**

	PROPOSED DETECTABLE WARNINGS
	CLASS D PATCHES
	SIDEWALK REMOVAL
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
	PROPOSED COMBINATION CONCRETE CURB & GUTTER
#XX.X'	EXISTING LENGTH

MODEL: Default  
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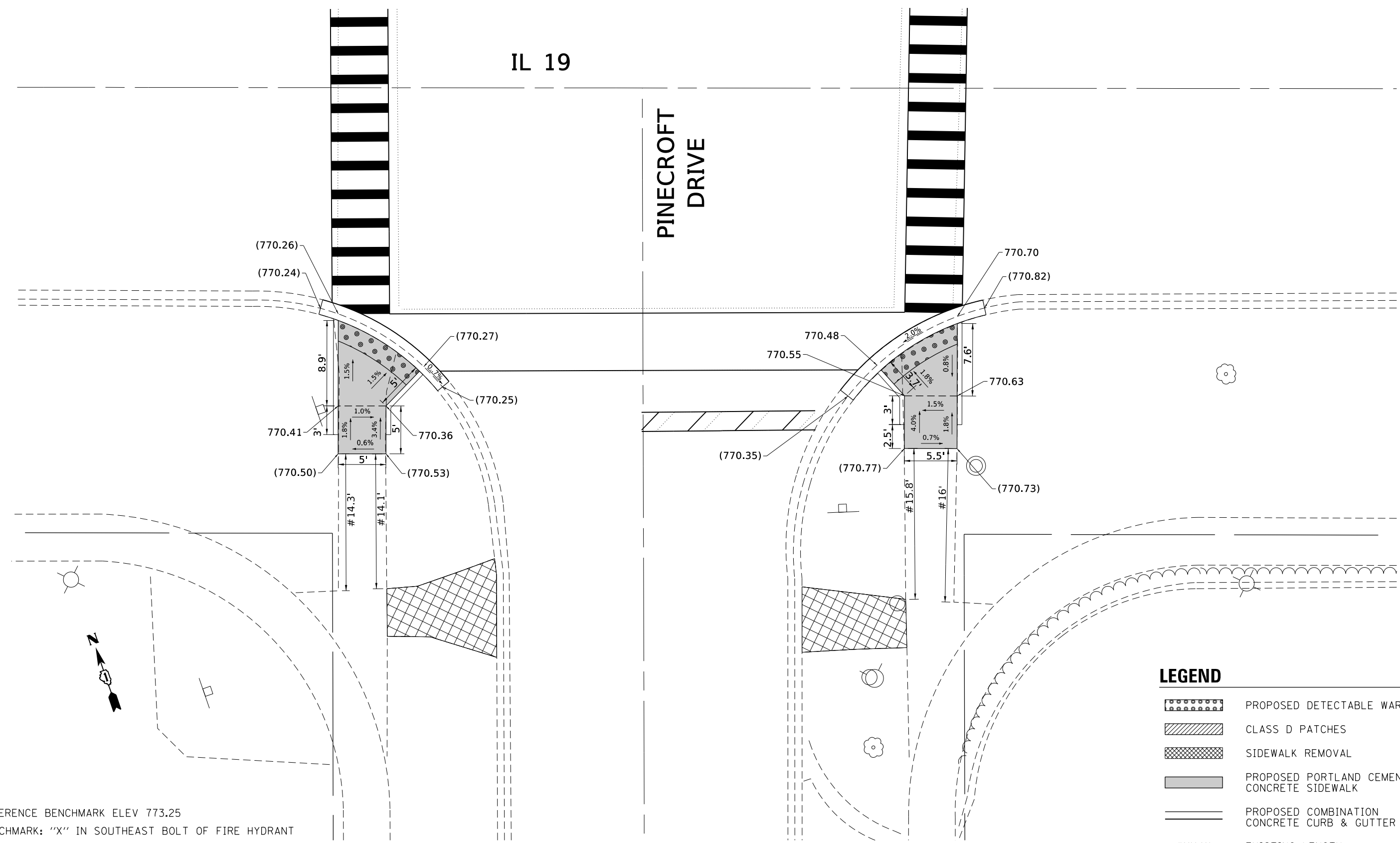
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>SIDEWALK RAMP DETAILS</b>			
<b>IL 19 AT PINECROFT DR. (NORTH LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	36
CONTRACT NO. 62D58				
ILLINOIS		FED. AID PROJECT		

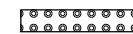




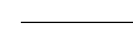
IL 19

PINECROFT DRIVE



REFERENCE BENCHMARK ELEV 773.25  
 BENCHMARK: "X" IN SOUTHEAST BOLT OF FIRE HYDRANT  
 LOCATION: SOUTHEAST CORNER OF IL 19 AND PINECROFT DR.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

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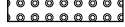
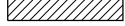



**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS                  IL 19 AT PINECROFT DR. (SOUTH LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	37
CONTRACT NO. 62D58				
ILLINOIS		FED. AID PROJECT		

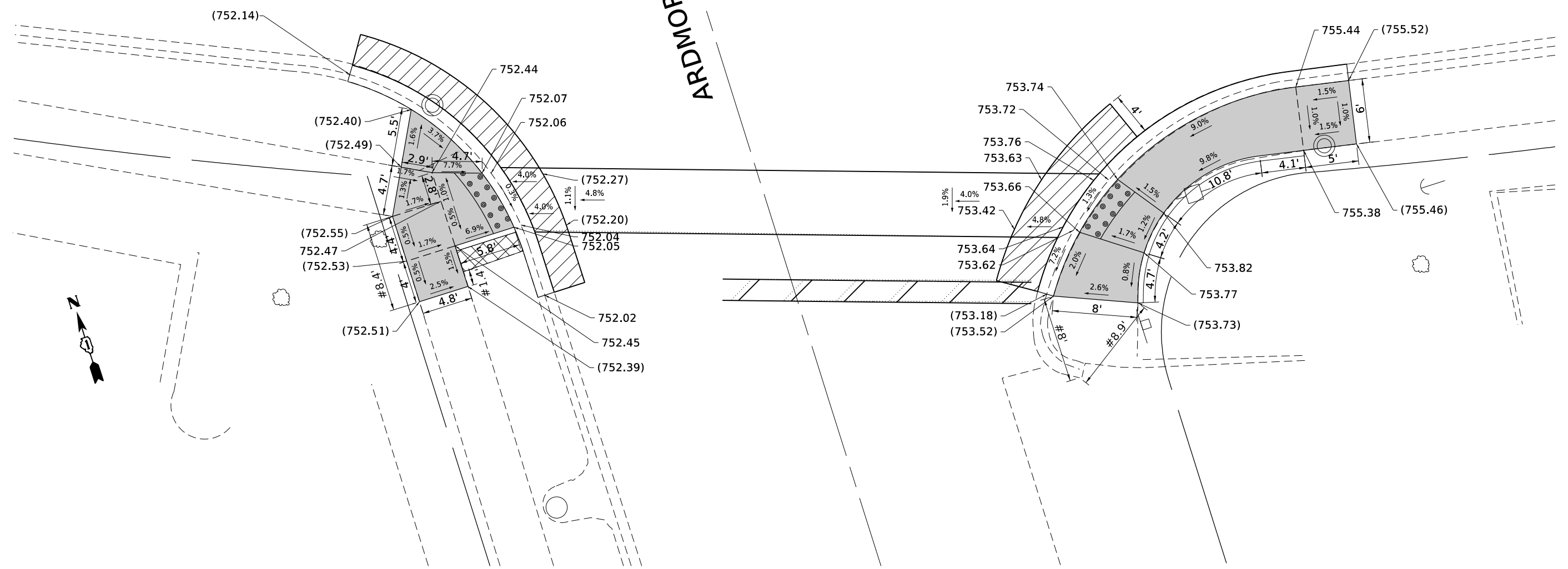
# IL 19

## LEGEND

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- \*XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 751.23  
 BENCHMARK: SQUARE IN NORTH SIDE CONCRETE BASE OF TRAFFIC SIGNAL WITH ARM  
 LOCATION: SOUTHEAST CORNER OF IL 19 AND MAPLE AVE.

ARDMORE AVENUE



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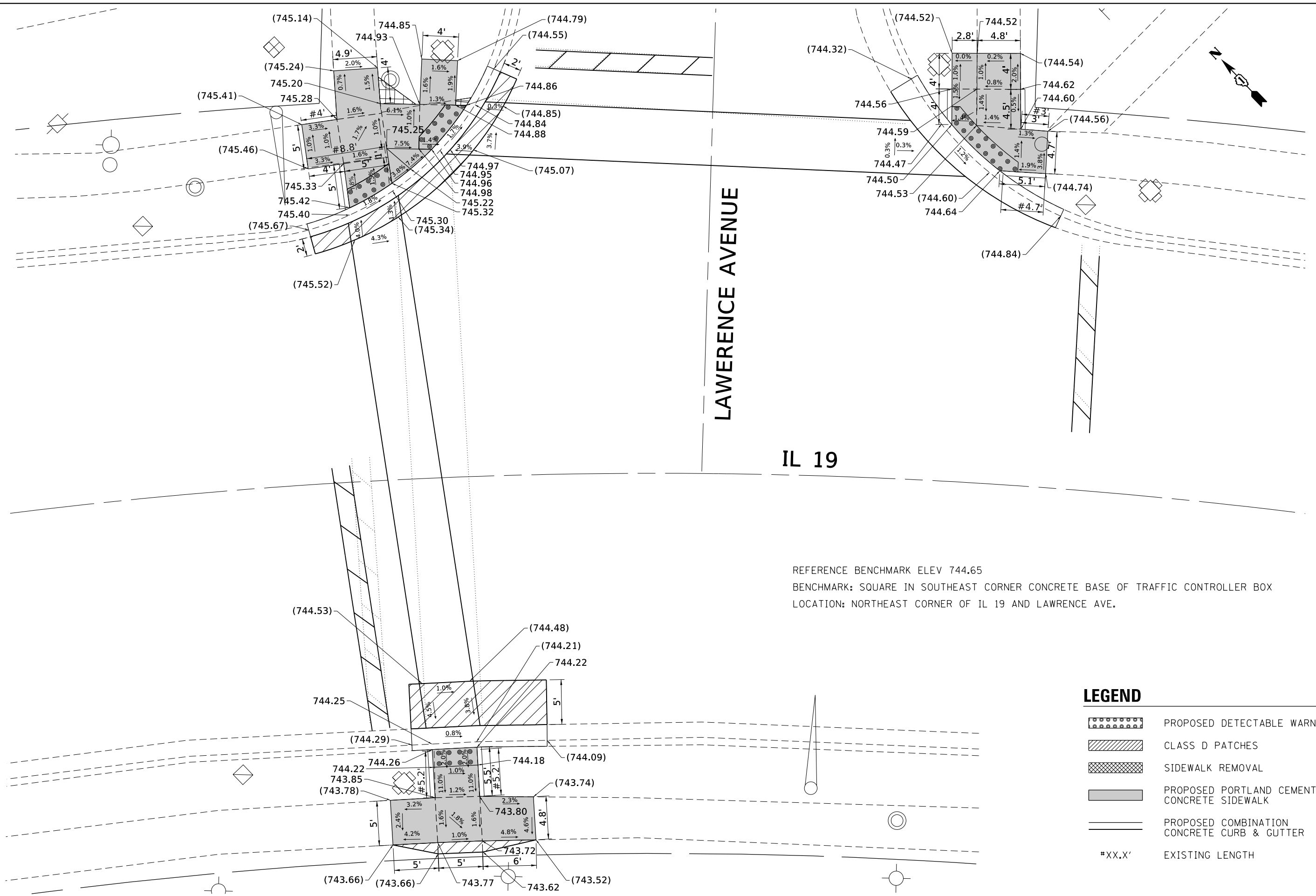
### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### SIDEWALK RAMP DETAILS IL 19 AT ARDMORE AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	38
			CONTRACT NO. 62D58	
			ILLINOIS FED. AID PROJECT	

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REFERENCE BENCHMARK ELEV 744.65  
 BENCHMARK: SQUARE IN SOUTHEAST CORNER CONCRETE BASE OF TRAFFIC CONTROLLER BOX  
 LOCATION: NORTHEAST CORNER OF IL 19 AND LAWRENCE AVE.

**LEGEND**

- PROPOSED DETECTABLE WARNINGS
- CLASS D PATCHES
- SIDEWALK REMOVAL
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER
- EXISTING LENGTH

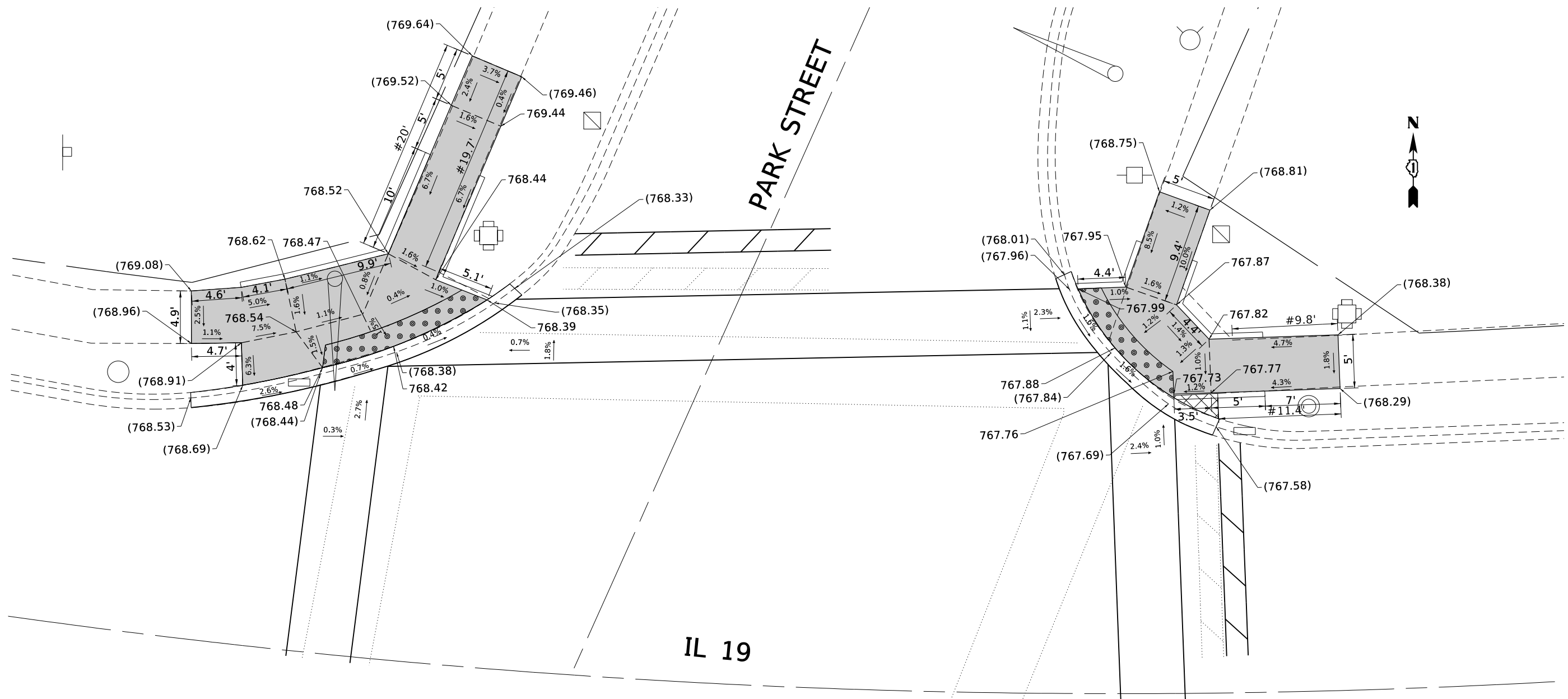
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PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 IL 19 AT LAWRENCE AVE.**





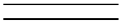
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	39
			CONTRACT NO. 62D58	
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 769.32  
BENCHMARK: SQUARE IN NORTHEAST CORNER OF CONCRETE BASE OF TRAFFIC CONTROLLER BOX  
LOCATION: SOUTHWEST CORNER OF IL 19 AND PARK ST.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X'** EXISTING LENGTH

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	DRAWN -	REVISED -
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PLOT DATE = 2/1/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS  
IL 19 AT PARK ST. (NORTH LEG)

SCALE:	SHEET OF SHEETS	STA. TO STA.
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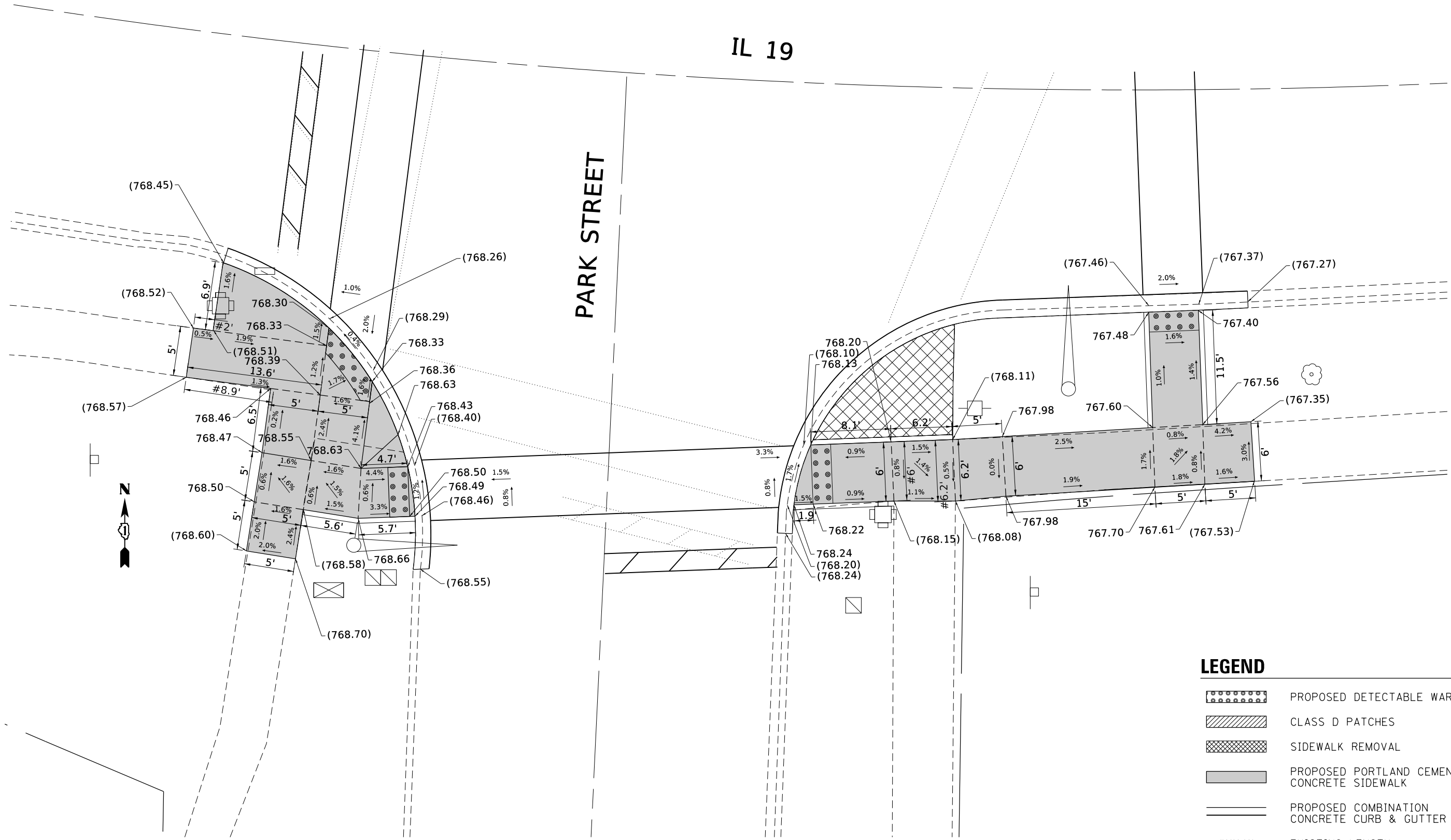
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	40
		CONTRACT NO. 62D58		
ILLINOIS FED. AID PROJECT				



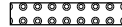




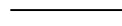
REFERENCE BENCHMARK ELEV 769.32  
 BENCHMARK: SQUARE IN NORTHEAST CORNER OF CONCRETE BASE OF TRAFFIC CONTROLLER BOX  
 LOCATION: SOUTHWEST CORNER OF IL 19 AND PARK ST.

IL 19

PARK STREET



**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS  
 IL 19 AT PARK ST. (SOUTH LEG)**

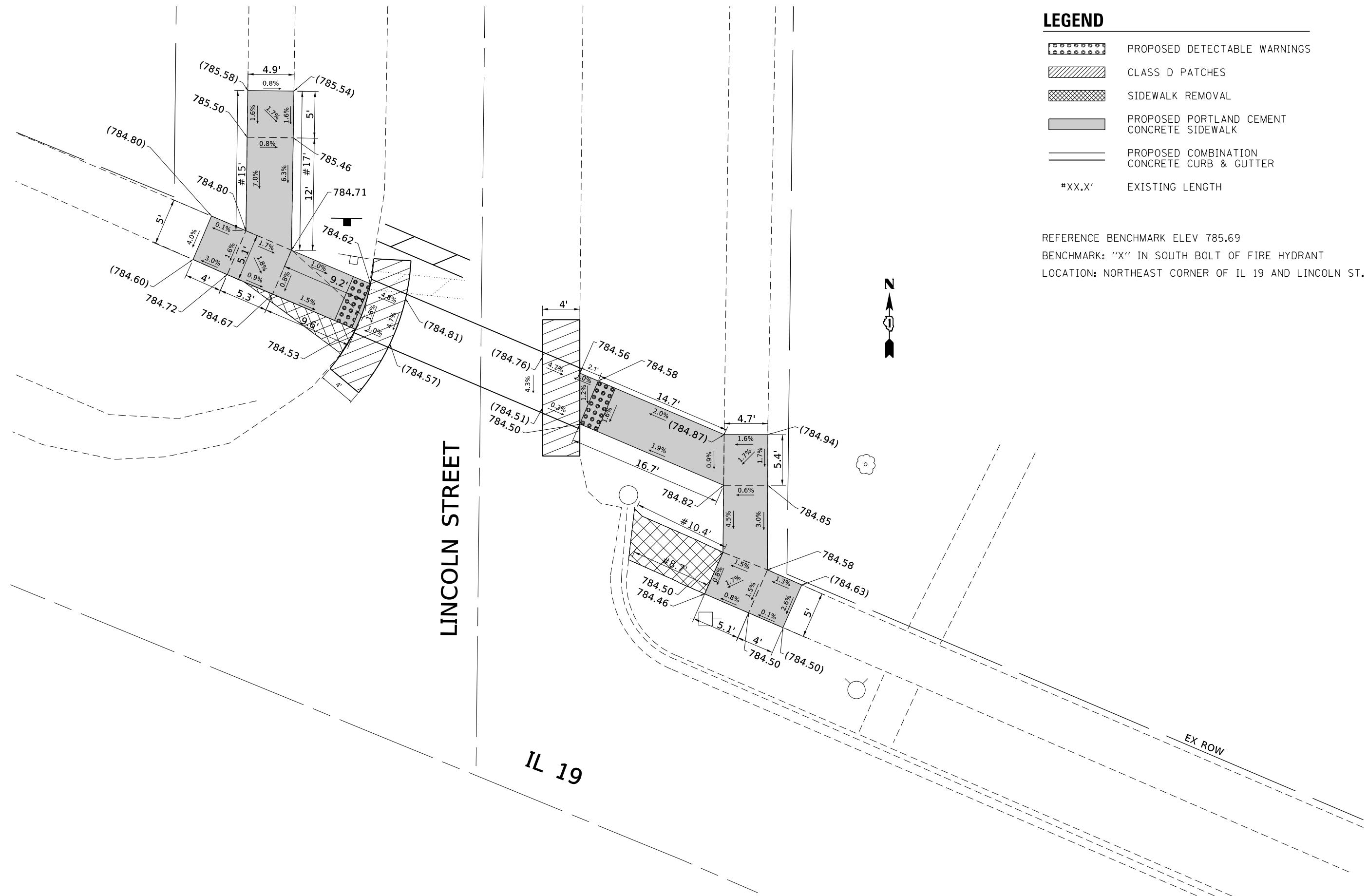
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	41
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
- \*XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 785.69  
 BENCHMARK: "X" IN SOUTH BOLT OF FIRE HYDRANT  
 LOCATION: NORTHEAST CORNER OF IL 19 AND LINCOLN ST.



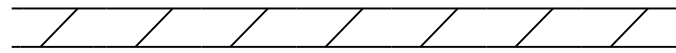
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

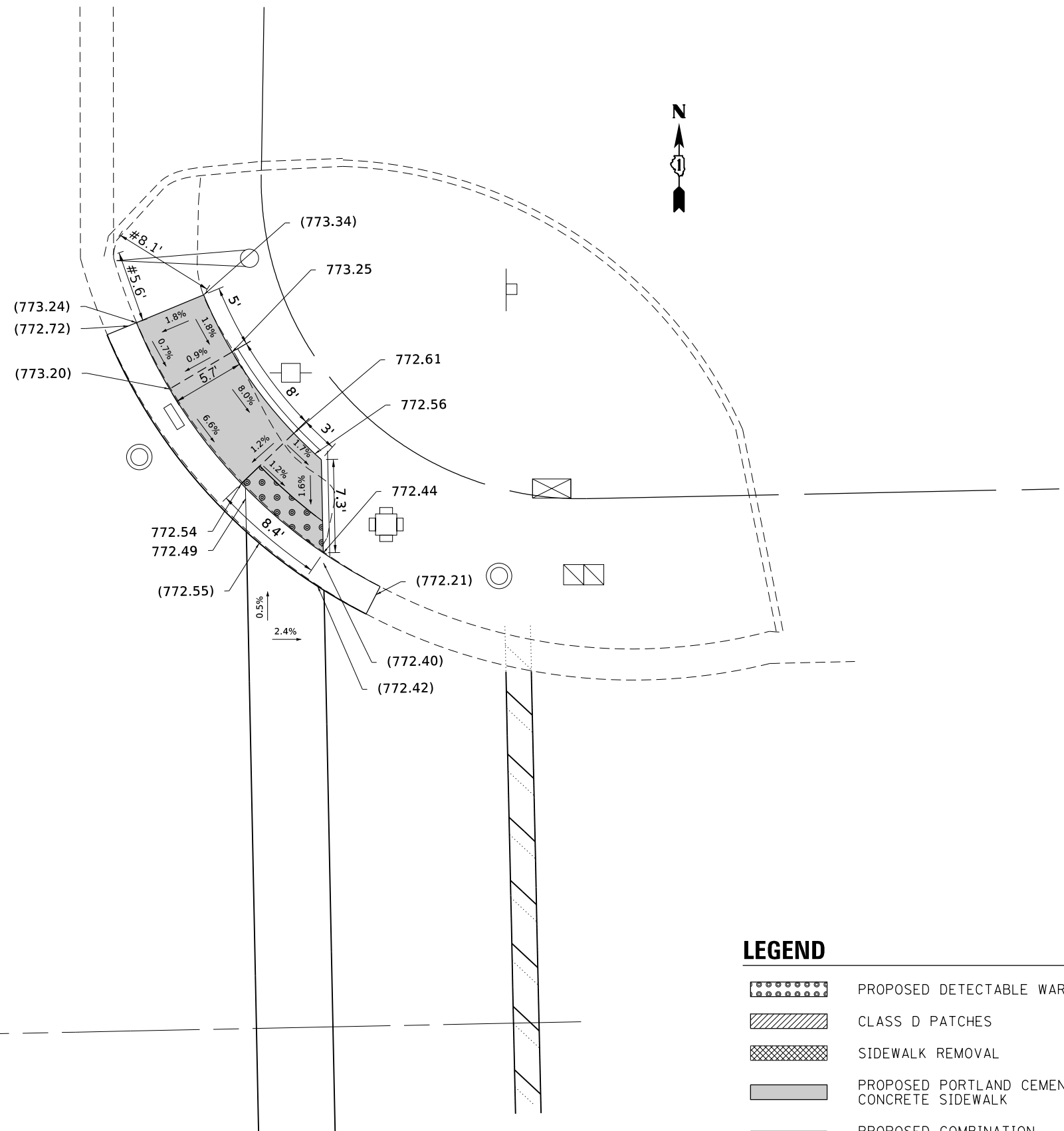
<b>SIDEWALK RAMP DETAILS          IL 19 AT LINCOLN ST.</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	42
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				


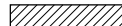



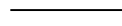


WINFIELD ROAD

IL 38



**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 773.24  
 BENCHMARK: SQUARE CUT ON THE SOUTHWEST CORNER OF TRAFFIC CONTROLLER BOX CONCRETE SLAB  
 LOCATION: NORTHEAST CORNER OF IL 38 AND WINFIELD RD.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

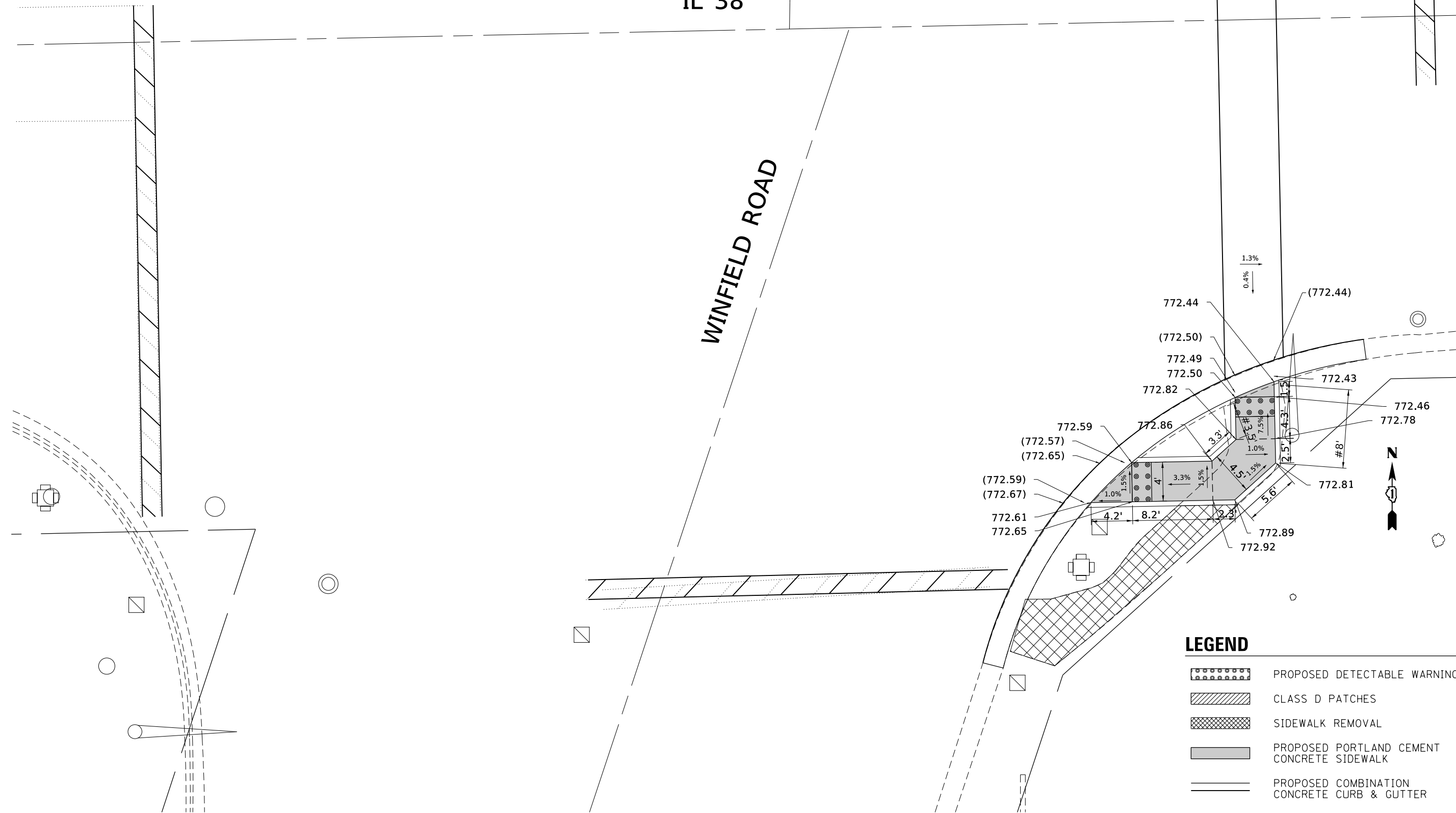
<b>SIDEWALK RAMP DETAILS        IL 38 AT WINFIELD RD. (NORTH LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62D58				
ILLINOIS		FED. AID PROJECT		

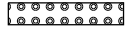





REFERENCE BENCHMARK ELEV 773.24  
 BENCHMARK: SQUARE CUT ON THE SOUTHWEST CORNER OF TRAFFIC CONTROLLER BOX CONCRETE SLAB  
 LOCATION: NORTHEAST CORNER OF IL 38 AND WINFIELD RD.

IL 38

WINFIELD ROAD



**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

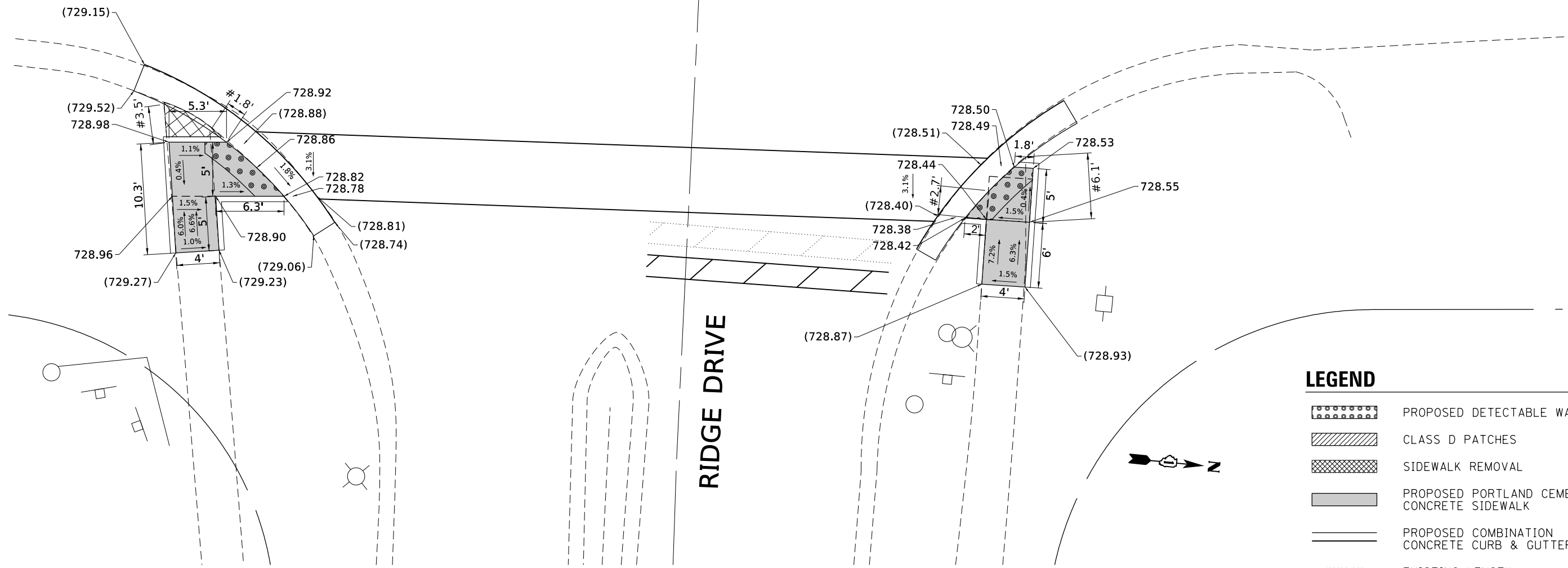
**SIDEWALK RAMP DETAILS  
 IL 38 AT WINFIELD RD. (SOUTH LEG)**

SCALE: SHEET OF SHEETS STA. TO STA.






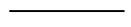
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	44
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				

IL 59

REFERENCE BENCHMARK ELEV 730.92  
 BENCHMARK: NORTHWEST FLANGE BOLT ON FIRE HYDRANT  
 LOCATION: NORTHEAST CORNER OF IL 59 AND RIDGE DR.



**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

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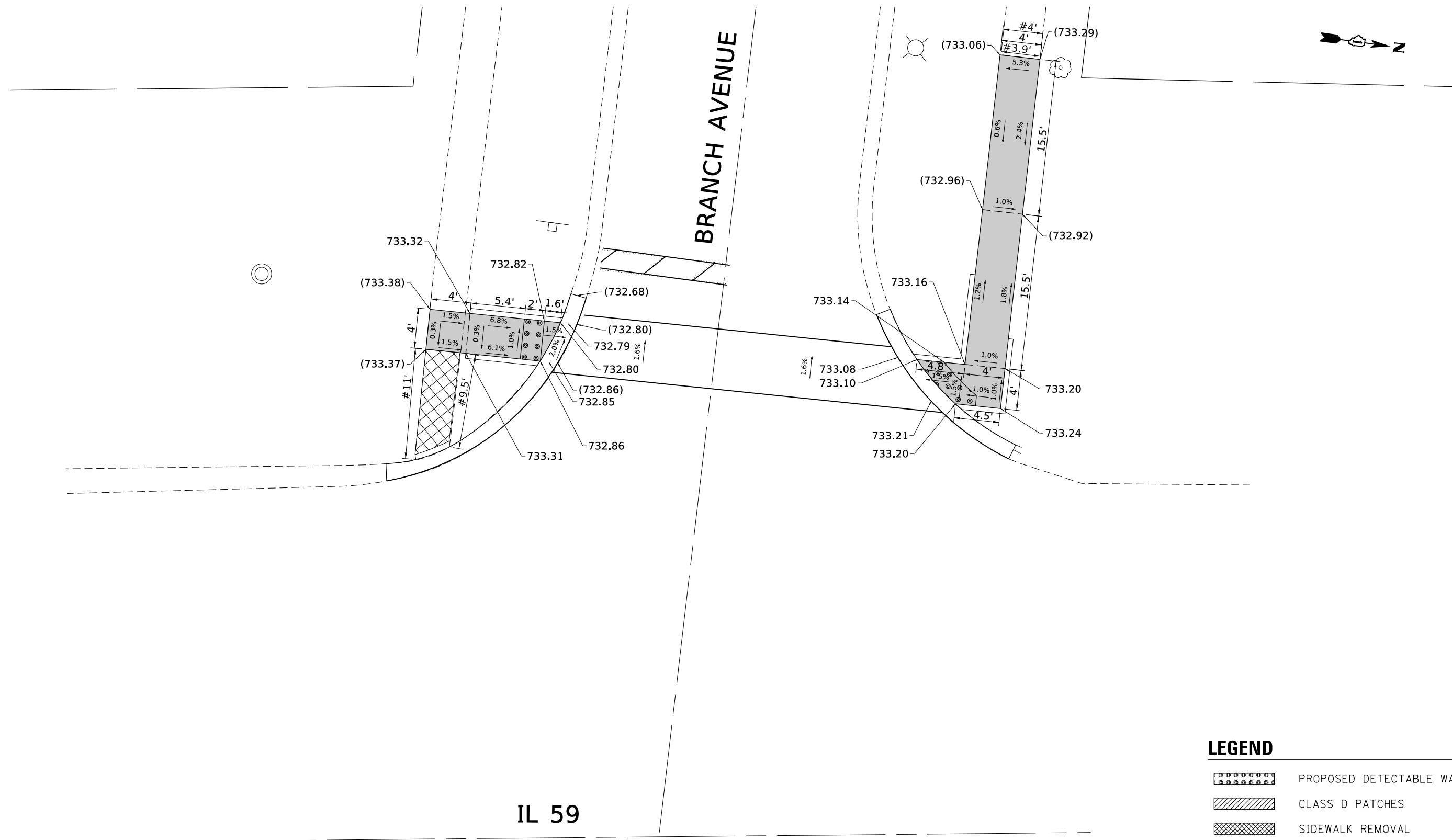
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PLOT DATE = 2/1/2018	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

<b>SIDEWALK RAMP DETAILS</b>				
<b>IL 59 AT RIDGE DR.</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.






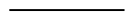
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	45
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				

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REFERENCE BENCHMARK ELEV 735.80  
 BENCHMARK: NOTCH ON THE NORTH END OF SANITARY MANHOLE STRUCTURE  
 LOCATION: SOUTHWEST CORNER OF IL 59 AND BRANCH AVE.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  \*XX.X' EXISTING LENGTH

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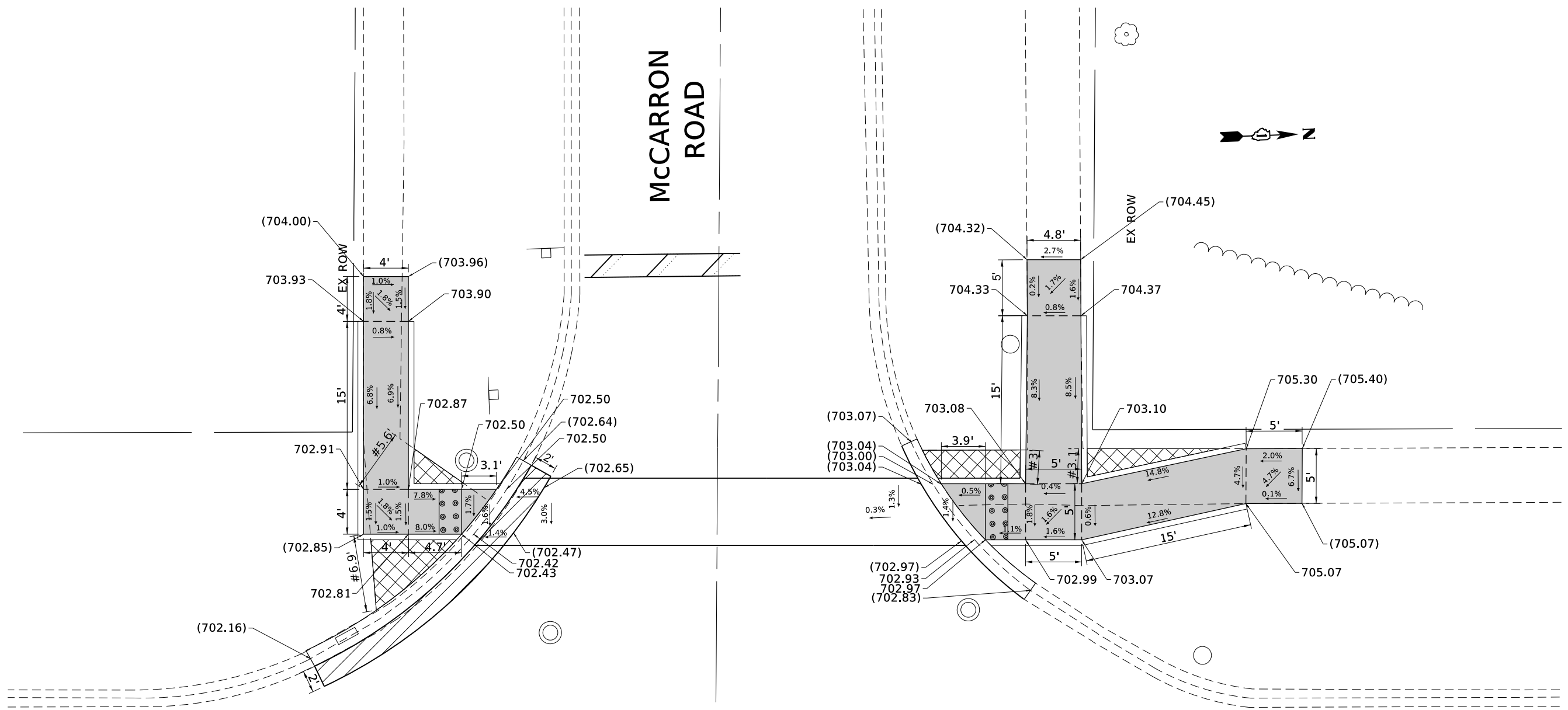
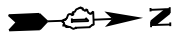
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 IL 59 AT BRANCH AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.




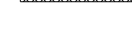

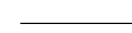
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VAR.	2016-063I	DUPAGE	67	46
CONTRACT NO. 62D58			ILLINOIS FED. AID PROJECT	

MCCARRON ROAD



IL 53

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  \*XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 705.33  
 BENCHMARK: "X" CUT ON THE N.E. LOWER FLANGE BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 53 AND MCCARRON RD.

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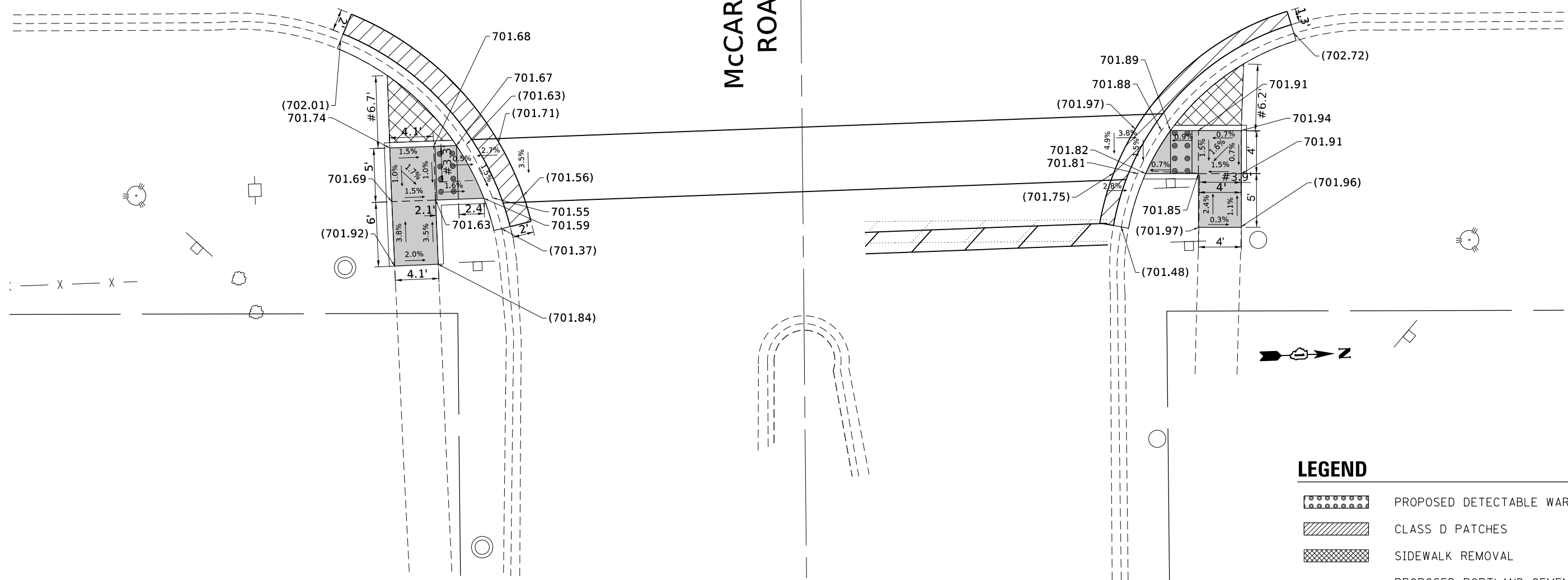
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS          IL 53 AT MCCARRON RD. (WEST LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	47
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				







IL 53

MCCARRON ROAD



REFERENCE BENCHMARK ELEV 705.33  
 BENCHMARK: "X" CUT ON THE N.E. LOWER FLANGE BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 53 AND MCCARRON RD.

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

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PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 IL 53 AT MCCARRON RD. (EAST LEG)**

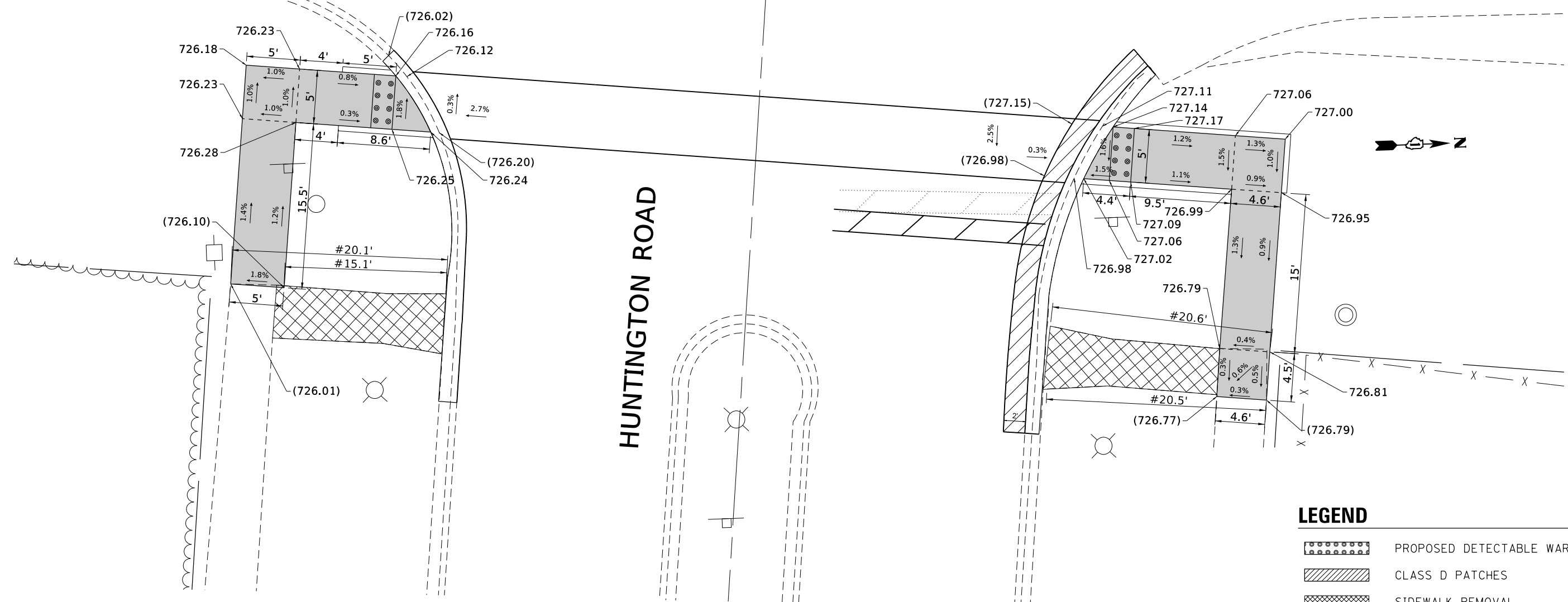
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				



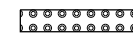




IL 53

HUNTINGTON ROAD



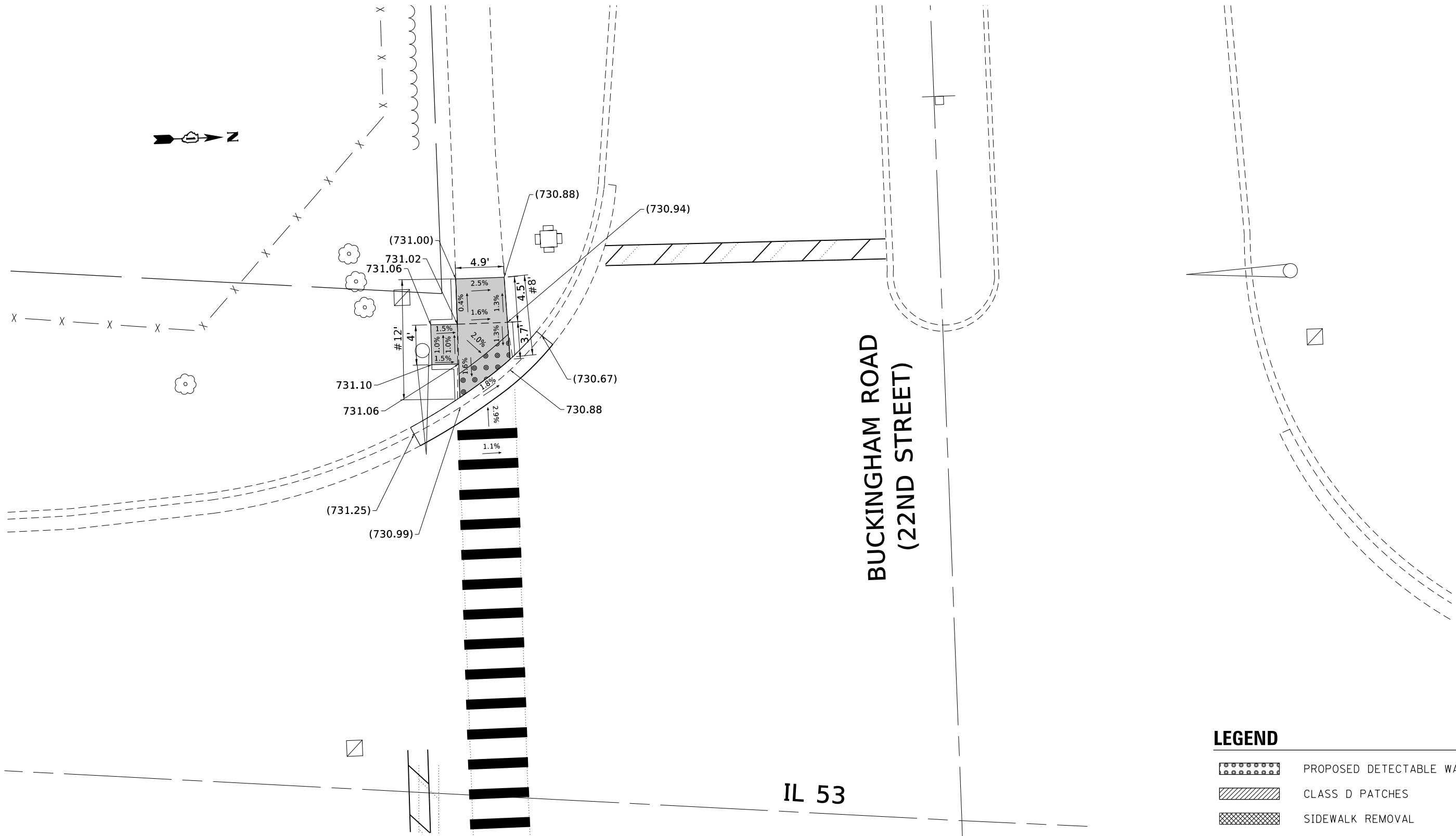
REFERENCE BENCHMARK ELEV 727.14  
 BENCHMARK: SQUARE CUT ON THE MEDIAN NOSE EAST SIDE OF IL 53  
 LOCATION: +/- 50' EAST FROM THE CENTERLINE OF IL 53 (AT HUNTINGTON RD.)

**LEGEND**






	PROPOSED DETECTABLE WARNINGS
	CLASS D PATCHES
	SIDEWALK REMOVAL
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
	PROPOSED COMBINATION CONCRETE CURB & GUTTER
#XX.X'	EXISTING LENGTH

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USER NAME = tariqfm PLOT SCALE = 10.0000 ' / in. PLOT DATE = 2/1/2018	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS                  DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEWALK RAMP DETAILS                  IL 53 AT HUNTINGTON RD.</b>	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS	DUPAGE	67 49 CONTRACT NO. 62D58 ILLINOIS FED. AID PROJECT



**LEGEND**

	PROPOSED DETECTABLE WARNINGS
	CLASS D PATCHES
	SIDEWALK REMOVAL
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
	PROPOSED COMBINATION CONCRETE CURB & GUTTER
#XX.X'	EXISTING LENGTH

REFERENCE BENCHMARK ELEV 731.91  
 BENCHMARK: SQUARE CUT ON THE NORTH SIDE OF THE MAST ARM CONCRETE FOUNDATION  
 LOCATION: SOUTHWEST CORNER OF IL 53 AND BUCKINGHAM RD. (22ND ST.)

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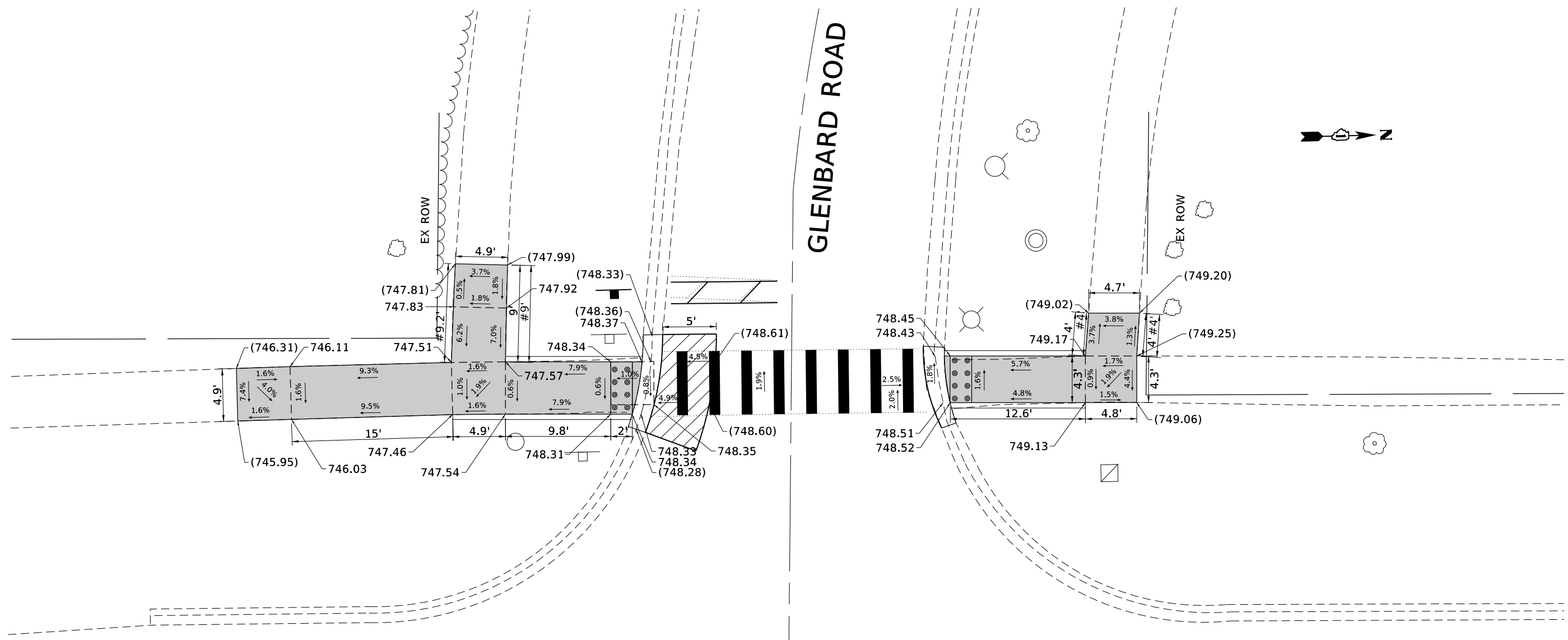
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PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS</b>			
<b>IL 53 AT BUCKINGHAM RD. (22ND ST.) (WEST LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

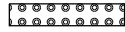





F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	50
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				





IL 53

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  EXISTING LENGTH

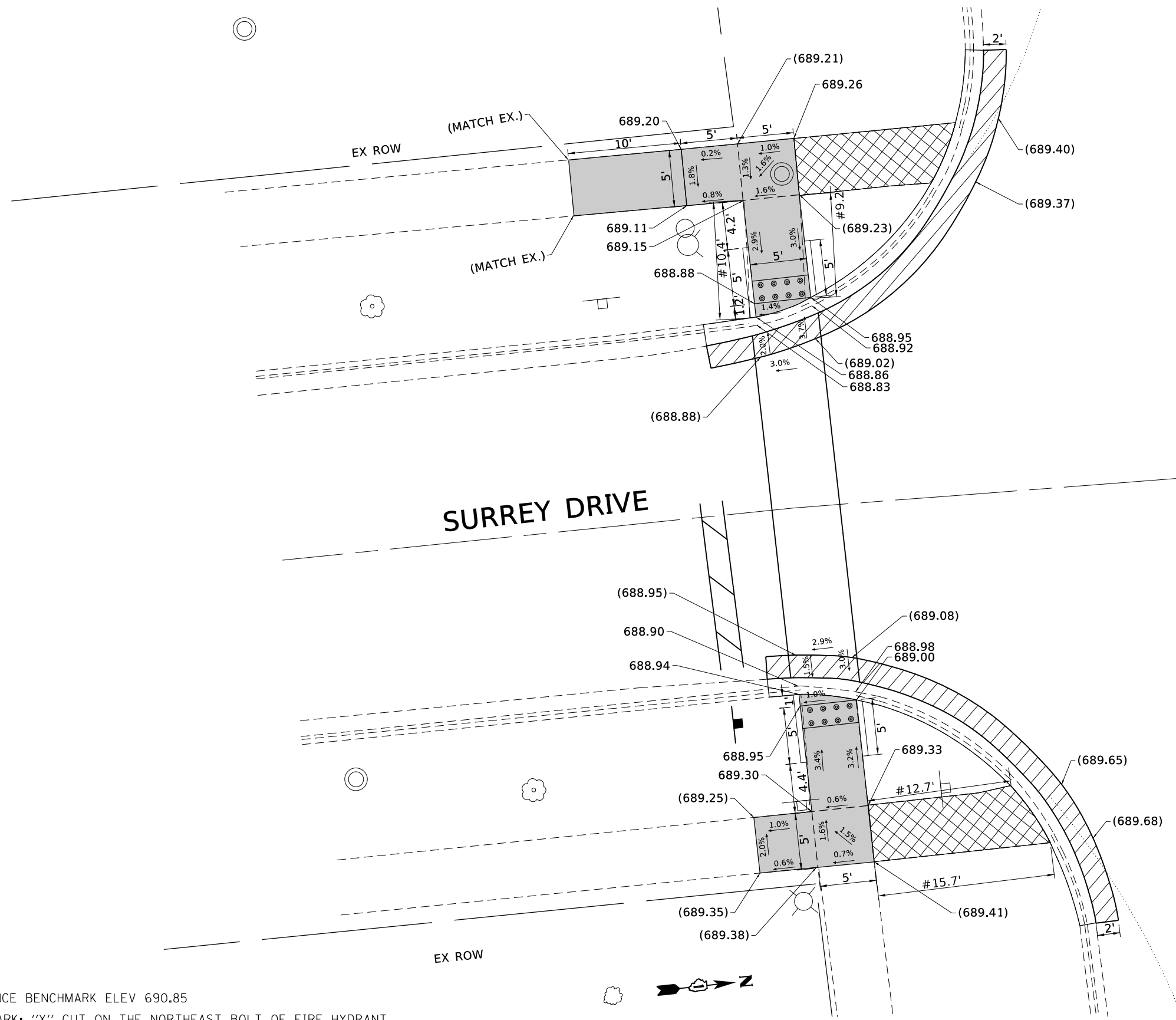
REFERENCE BENCHMARK ELEV 751.28  
 BENCHMARK: "X" CUT ON THE SOUTHEAST LOWER FLANGE BOLT OF FIRE HYDRANT  
 LOCATION: SOUTHEAST CORNER OF IL 53 AND GLENBARD RD.

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS  
 IL 53 AT GLENBARD RD.

SCALE: SHEET OF SHEETS STA. TO STA.

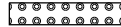




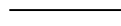
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	52
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				



IL 53

SURREY DRIVE

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 690.85  
 BENCHMARK: "X" CUT ON THE NORTHEAST BOLT OF FIRE HYDRANT  
 LOCATION: SOUTHWEST CORNER OF IL 53 AND SURREY DR.

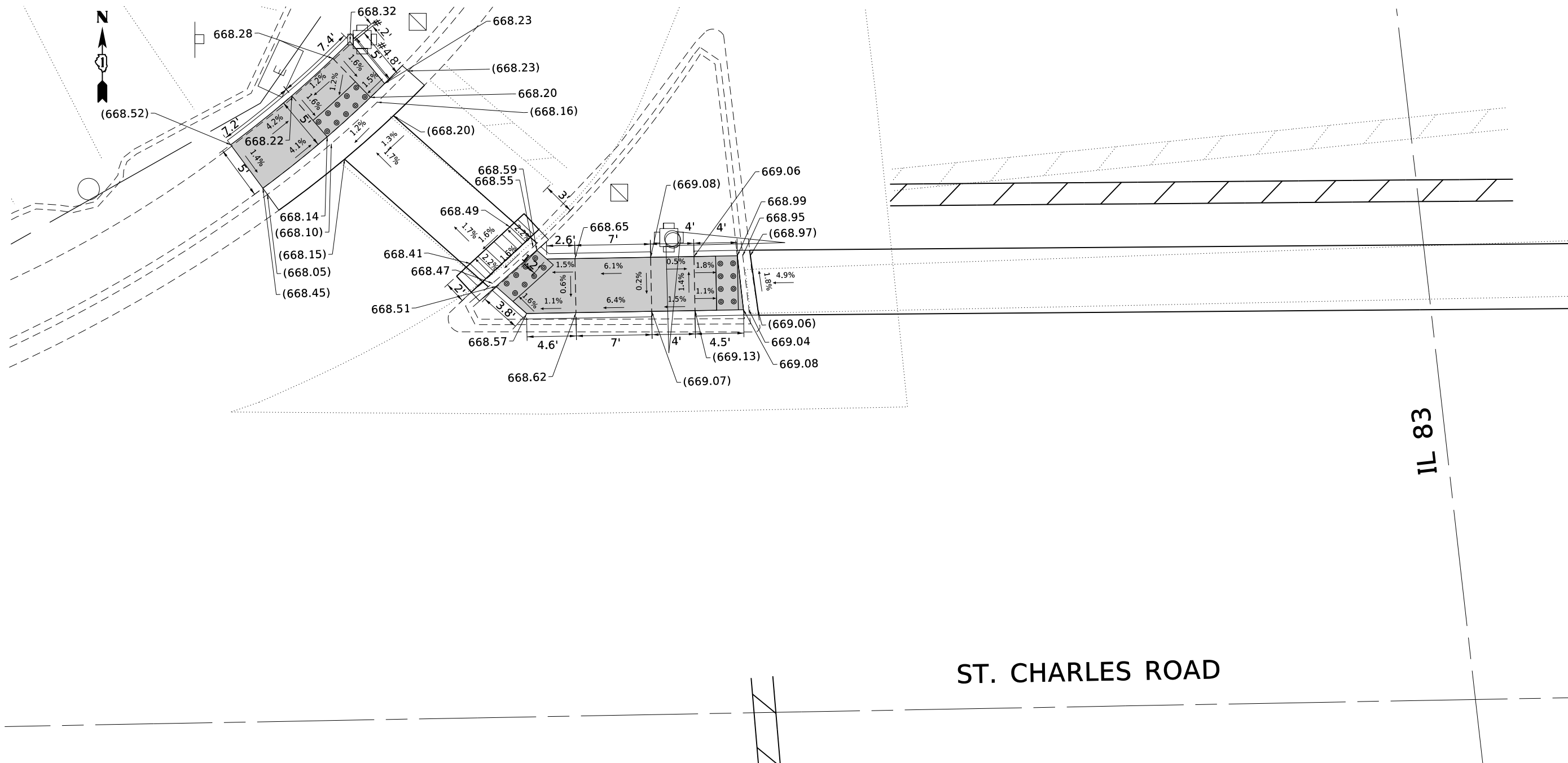
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PLOT DATE = 3/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS</b>	
<b>IL 53 AT SURREY DR.</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	53
CONTRACT NO. 62D58				
ILLINOIS FED. AID PROJECT				



IL 83

**ST. CHARLES ROAD**

**LEGEND**

- PROPOSED DETECTABLE WARNINGS
- CLASS D PATCHES
- SIDEWALK REMOVAL
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK OR PROPOSED CONCRETE MEDIAN SURFACE
- PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 669.84  
 BENCHMARK: NORTHEAST BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 83 AND ST. CHARLES RD.

REFERENCE BENCHMARK ELEV 669.76  
 BENCHMARK: SQUARE CUT ON SOUTHEAST CORNER OF CONCRETE SLAB OF TRAFFIC CONTROLLER BOX  
 LOCATION: NORTHEAST CORNER OF IL 83 AND ST. CHARLES RD.

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	DATE -	REVISED -

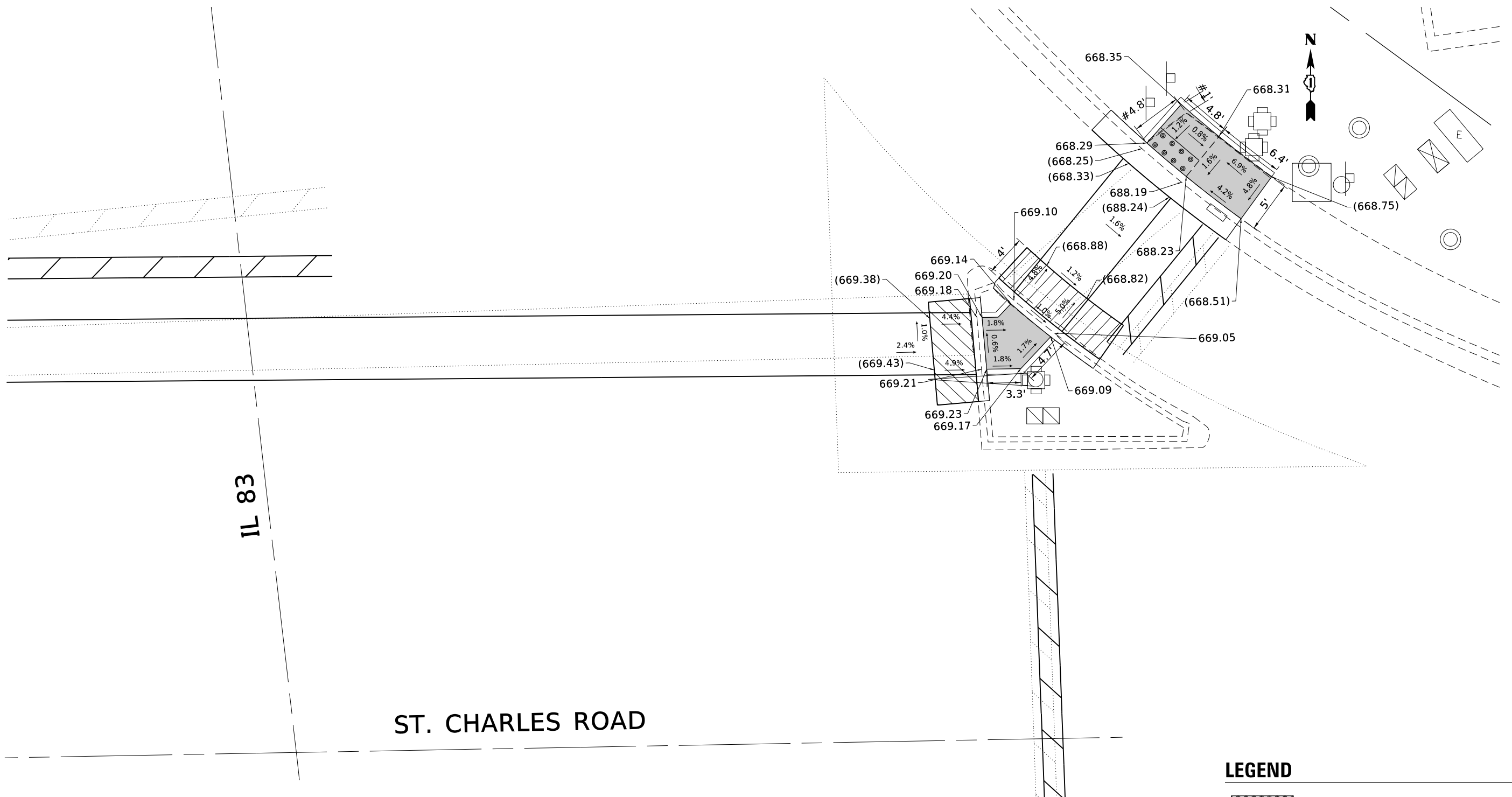
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS  
 IL 83 AT ST. CHARLES RD. (WEST LEG)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	54
				CONTRACT NO. 62D58
ILLINOIS FED. AID PROJECT				

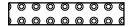





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IL 83

ST. CHARLES ROAD

**LEGEND**

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK OR PROPOSED CONCRETE MEDIAN SURFACE
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 669.84  
 BENCHMARK: NORTHEAST BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 83 AND ST. CHARLES RD.

REFERENCE BENCHMARK ELEV 669.76  
 BENCHMARK: SQUARE CUT ON SOUTHEAST CORNER OF CONCRETE SLAB OF TRAFFIC CONTROLLER BOX  
 LOCATION: NORTHEAST CORNER OF IL 83 AND ST. CHARLES RD.

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

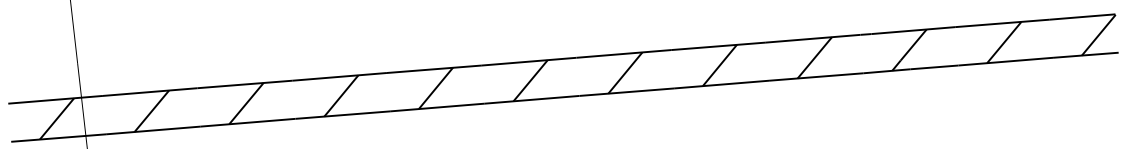
**SIDEWALK RAMP DETAILS**  
**IL 83 AT ST. CHARLES RD. (EAST LEG)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.




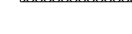

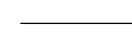
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I		67	55
			CONTRACT NO. 62D58	
ILLINOIS FED. AID PROJECT				

# ST. CHARLES ROAD

IL 83



## LEGEND

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 669.84  
 BENCHMARK: NORTHEAST BOLT OF FIRE HYDRANT  
 LOCATION: NORTHWEST CORNER OF IL 83 AND ST. CHARLES RD.

REFERENCE BENCHMARK ELEV 669.76  
 BENCHMARK: SQUARE CUT ON SOUTHEAST CORNER OF CONCRETE SLAB OF TRAFFIC CONTROLLER BOX  
 LOCATION: NORTHEAST CORNER OF IL 83 AND ST. CHARLES RD.

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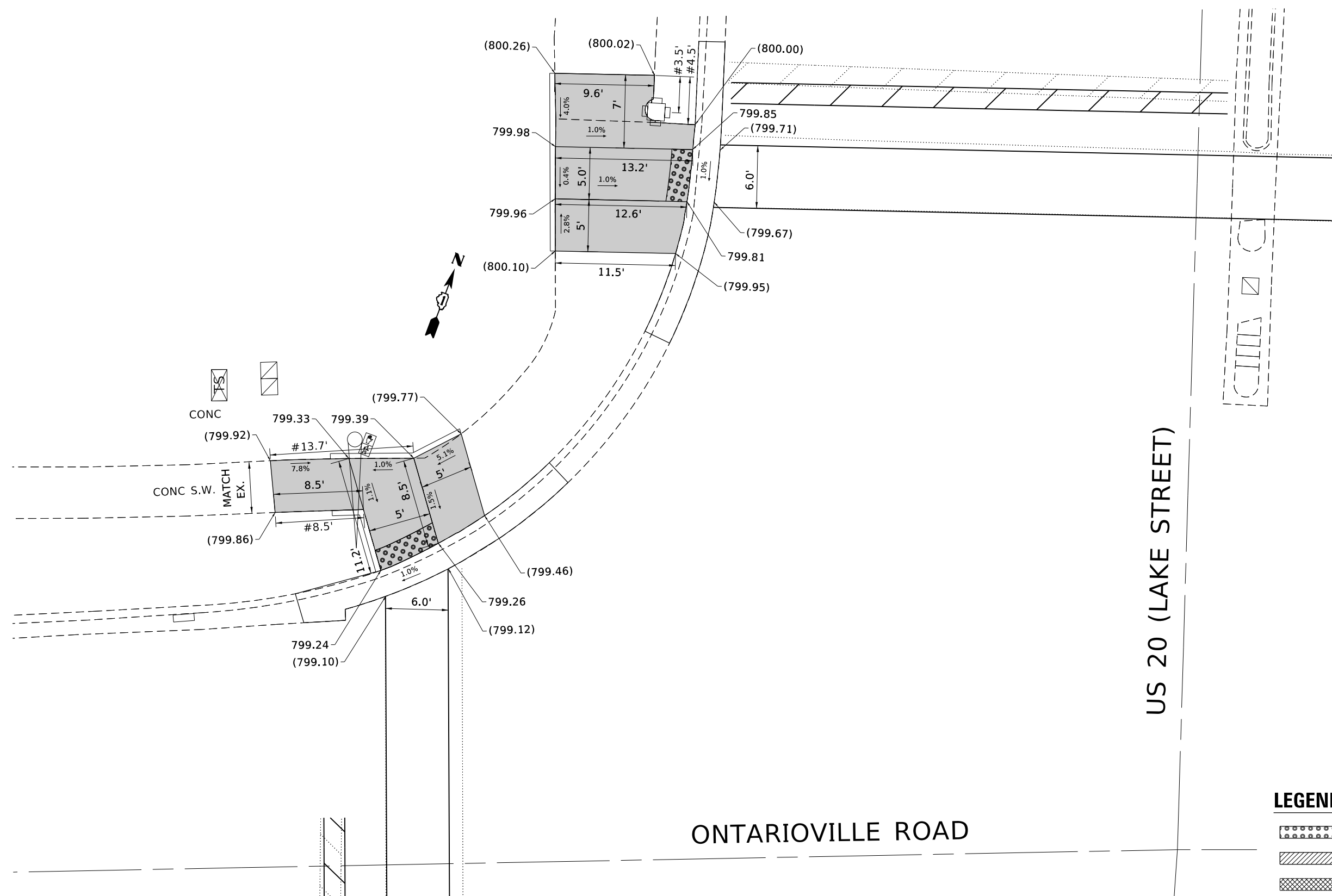
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK RAMP DETAILS</b>			
<b>IL 83 AT ST. CHARLES RD. (SOUTH LEG)</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	56
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D58	



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US 20 (LAKE STREET)

ONTARIOVILLE ROAD

**LEGEND**

- PROPOSED DETECTABLE WARNINGS
- CLASS D PATCHES
- SIDEWALK REMOVAL
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER
- #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 799.97  
 BENCHMARK: "X" IN SOUTHEAST CORNER OF CONCRETE RIM OF DOUBLE HANDHOLE  
 LOCATION: NORTHWEST CORNER OF US 20 AND ONTARIOVILLE RD.

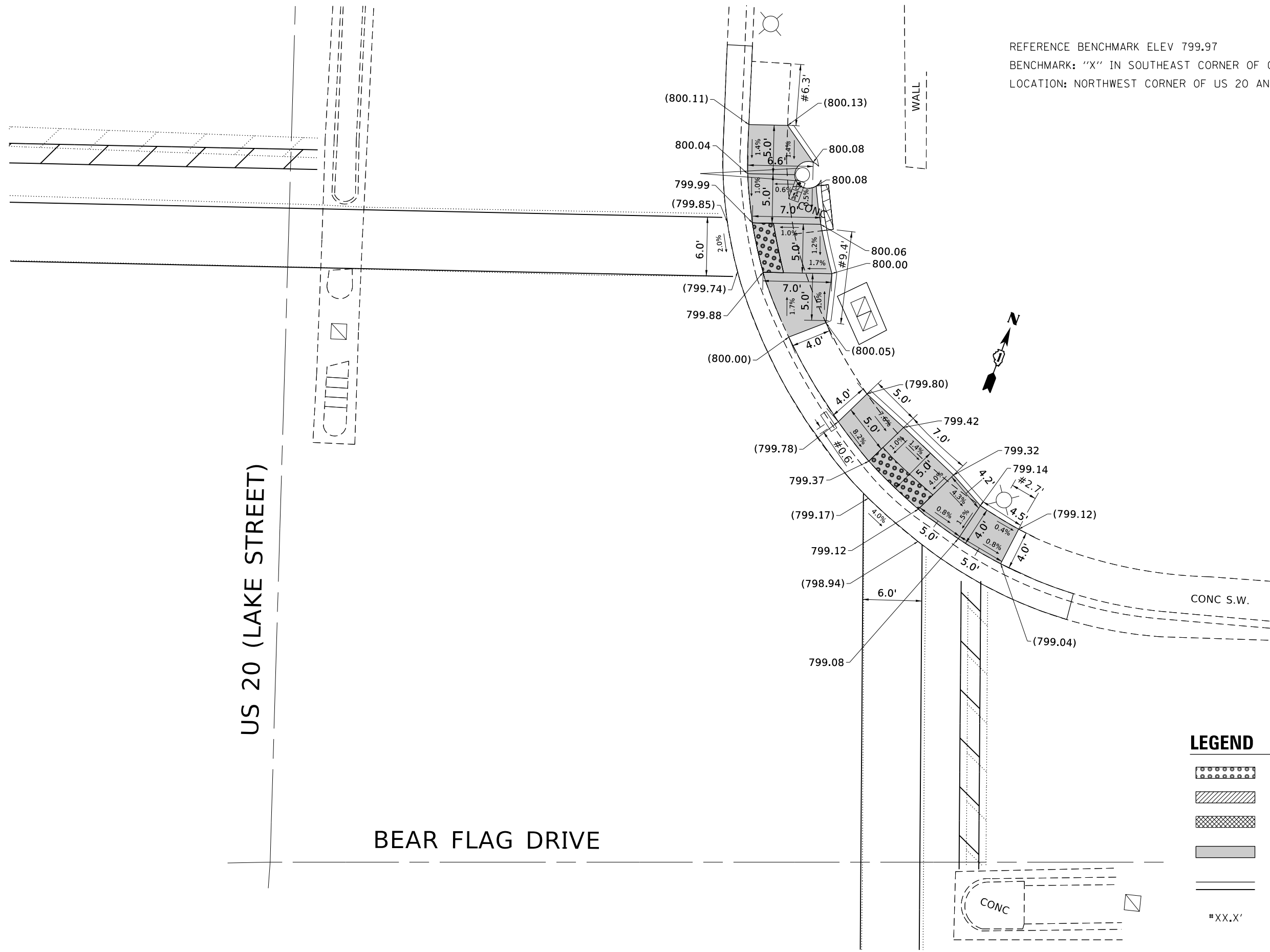
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PLOT DATE = 3/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS			
US 20 (LAKE ST.) AT BEAR FLAG DR./ONTARIOVILLE RD. (NW CORNER)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I		67	57
			CONTRACT NO. 62D58	
ILLINOIS FED. AID PROJECT				

REFERENCE BENCHMARK ELEV 799.97  
 BENCHMARK: "X" IN SOUTHEAST CORNER OF CONCRETE RIM OF DOUBLE HANDHOLE  
 LOCATION: NORTHWEST CORNER OF US 20 AND ONTARIOVILLE RD.



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PLOT DATE = 3/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

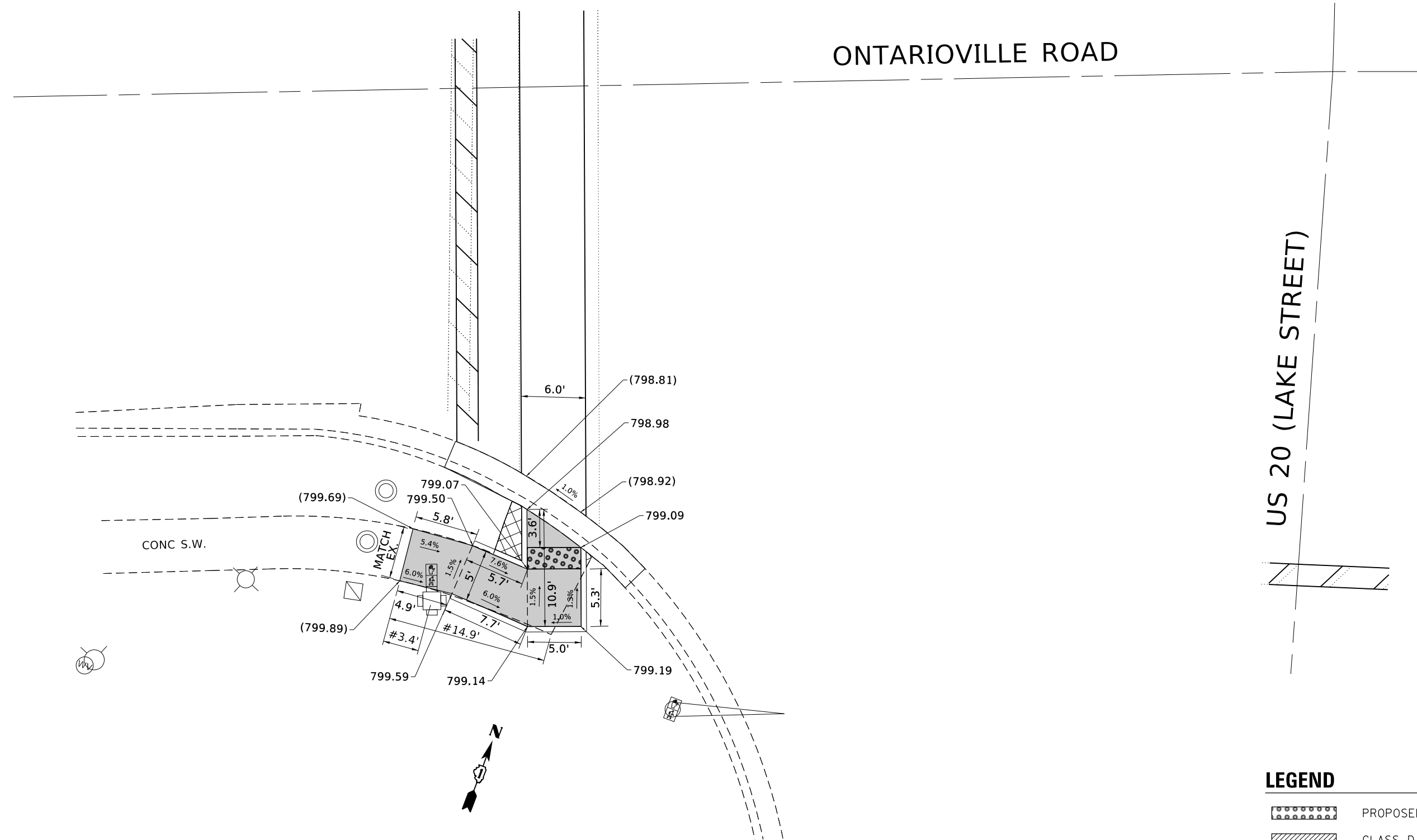
**SIDEWALK RAMP DETAILS  
 US 20 (LAKE ST.) AT BEAR FLAG DR./ONTARIOVILLE RD. (NE CORNER)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I		67	58
			CONTRACT NO. 62D58	
SCALE:		SHEET OF SHEETS	STA. TO STA.	







ILLINOIS FED. AID PROJECT

# ONTARIOVILLE ROAD

# US 20 (LAKE STREET)



## LEGEND

-  PROPOSED DETECTABLE WARNINGS
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
-  PROPOSED COMBINATION CONCRETE CURB & GUTTER
-  #XX.X' EXISTING LENGTH

REFERENCE BENCHMARK ELEV 799.97  
 BENCHMARK: "X" IN SOUTHEAST CORNER OF CONCRETE RIM OF DOUBLE HANDHOLE  
 LOCATION: NORTHWEST CORNER OF US 20 AND ONTARIOVILLE RD.

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PLOT DATE = 3/6/2018	DATE -	REVISED -

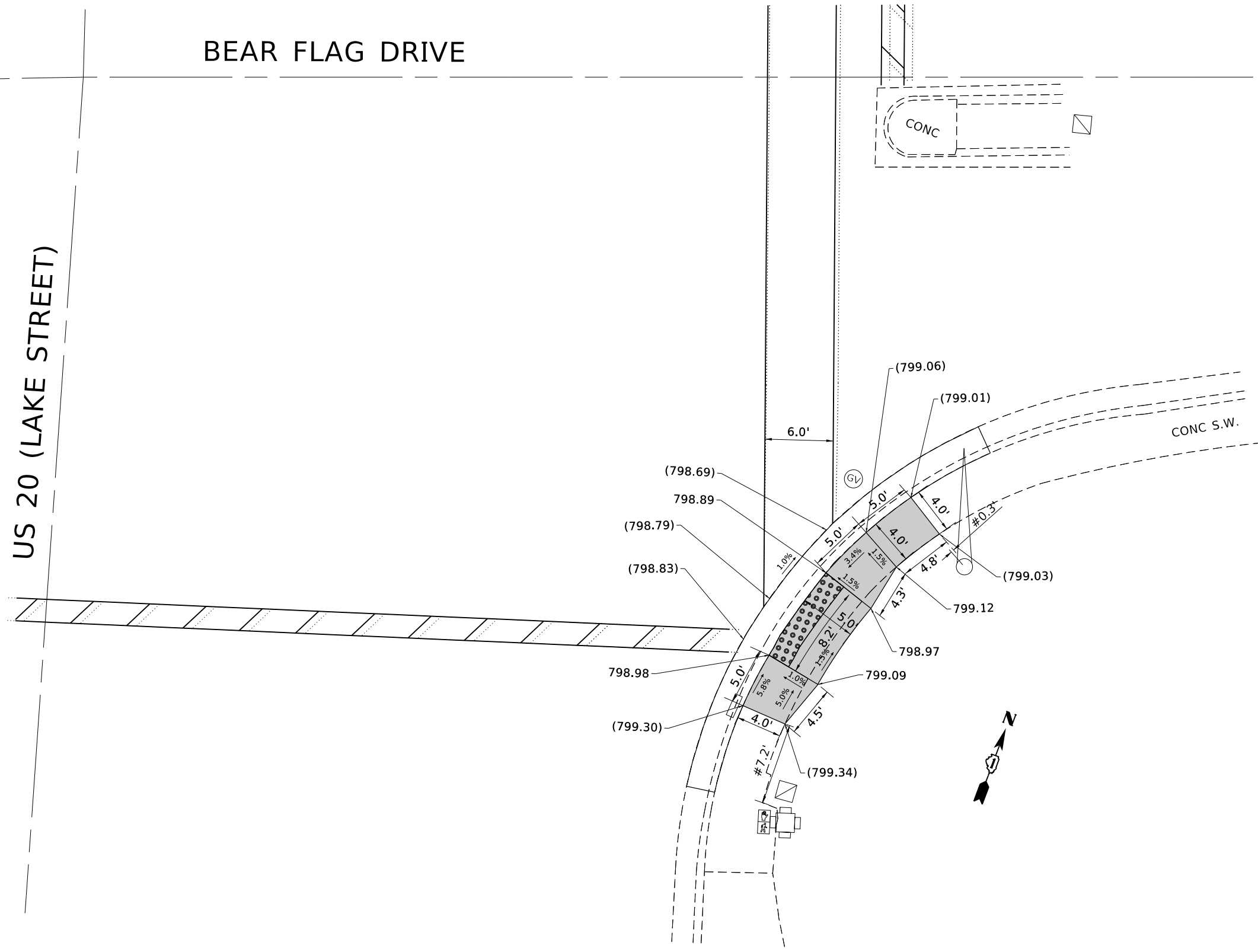
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS			
US 20 (LAKE ST.) AT BEAR FLAG DR./ONTARIOVILLE RD. (SW CORNER)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	59
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D58	

# BEAR FLAG DRIVE

US 20 (LAKE STREET)



### LEGEND

- PROPOSED DETECTABLE WARNINGS
- CLASS D PATCHES
- SIDEWALK REMOVAL
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER
- EXISTING LENGTH

REFERENCE BENCHMARK ELEV 799.97  
 BENCHMARK: "X" IN SOUTHEAST CORNER OF CONCRETE RIM OF DOUBLE HANDHOLE  
 LOCATION: NORTHWEST CORNER OF US 20 AND ONTARIOVILLE RD.

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USER NAME = tariqfm	DESIGNED -	REVISED - AC, FT 2-13-2018	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEWALK RAMP DETAILS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIED -			<b>US 20 (LAKE ST.) AT BEAR FLAG DR./ONTARIOVILLE RD. (SE CORNER)</b>			VAR.	2016-063I	DUPAGE	67	60
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62D58	
PLOT DATE = 3/6/2018	DATE -	REVISED -								ILLINOIS FED. AID PROJECT	

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

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

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

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

18" (450) MAX.

1/4" (5) \*\*

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

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

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

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

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

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

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

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

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

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

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

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

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

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

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

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

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

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

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

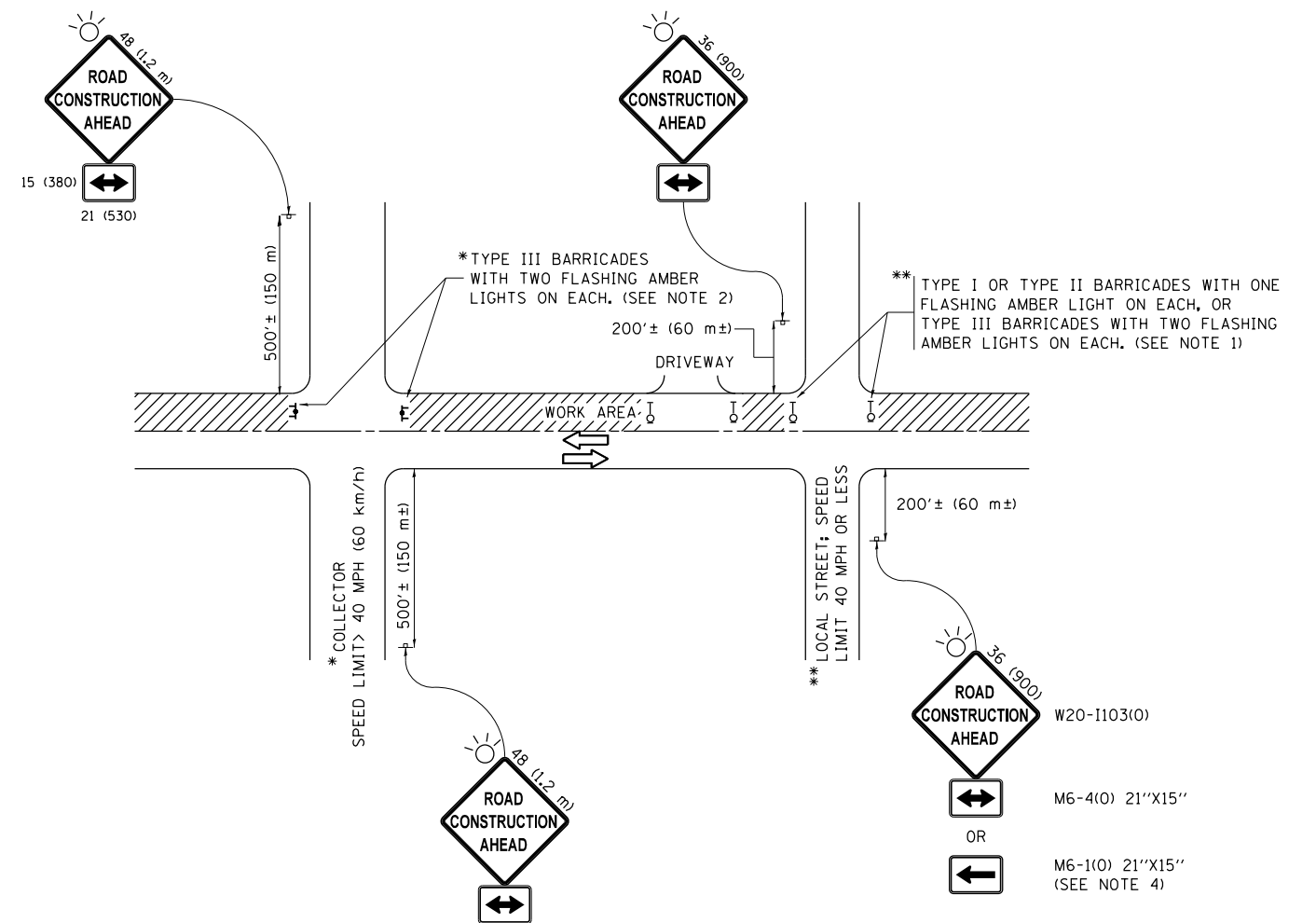
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = toriafm	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\PI264\Drawings\Design\Diststd.dgn		REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01					VAR.	2016-063I	DUPAGE	67	61
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 12-15-09			<b>BD600-06 (BD-24)</b>		<b>CONTRACT NO. 62D58</b>					
PLOT DATE = 2/1/2018	DATE - 03-11-94				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT			



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

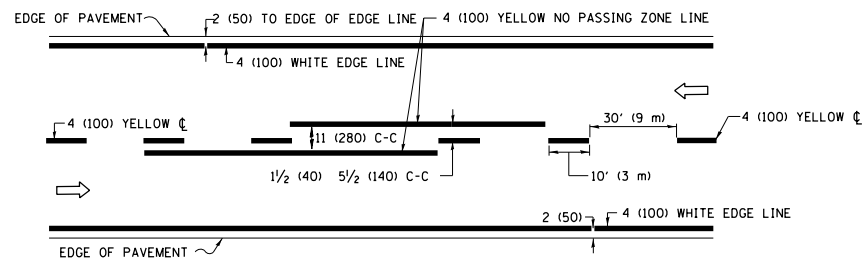
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

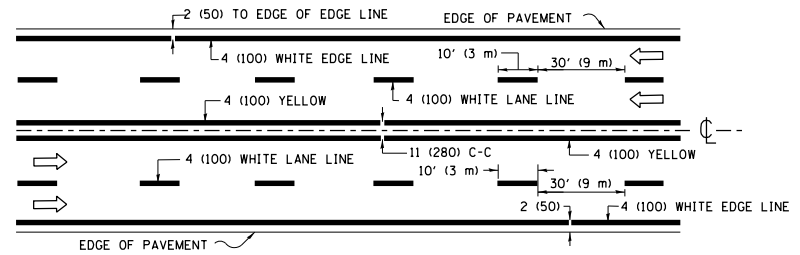
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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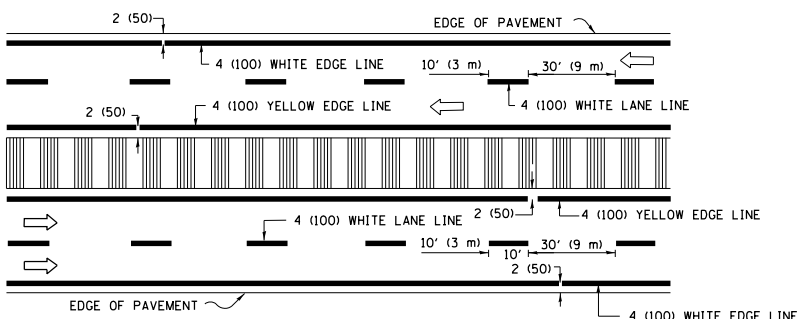
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VAR.	2016-063I	DUPAGE	67	62
<b>TC-10</b>			<b>CONTRACT NO. 62D58</b>	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

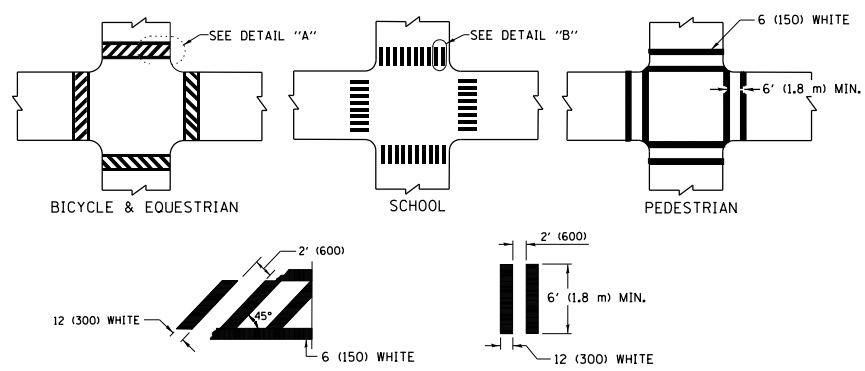


**MULTI-LANE UNDIVIDED**



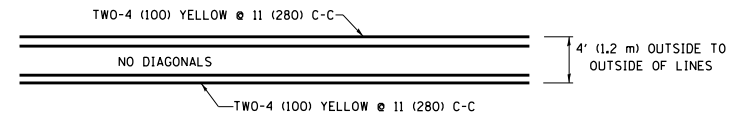
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

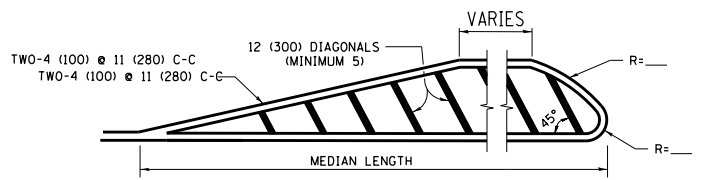


**TYPICAL CROSSWALK MARKING**

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

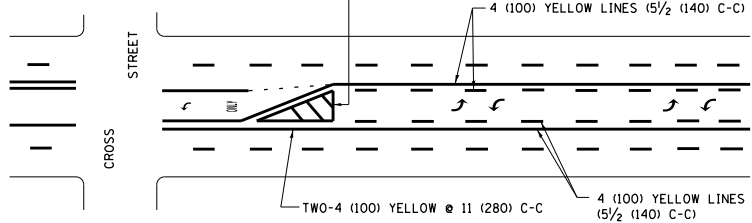


**4' (1.2 m) WIDE MEDIANS ONLY**



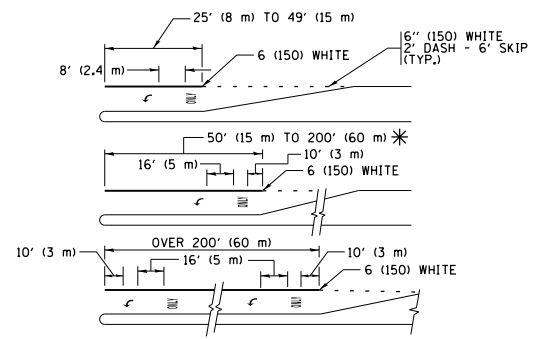
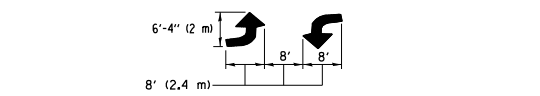
**MEDIANS OVER 4' (1.2 m) WIDE**

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



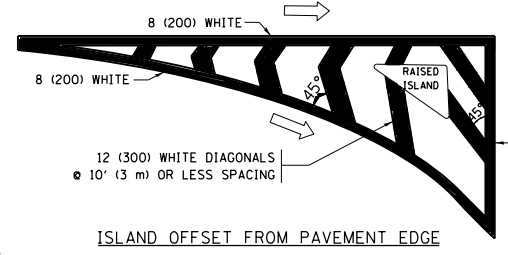
**MEDIAN WITH TWO-WAY LEFT TURN LANE  
TYPICAL PAINTED MEDIAN MARKING**

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

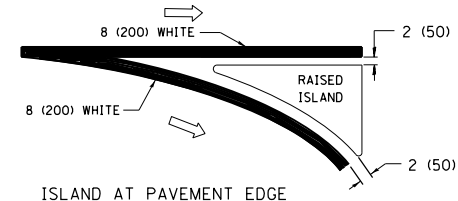


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

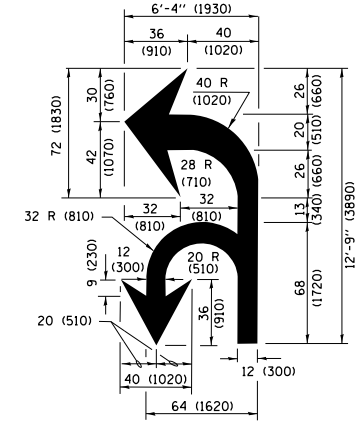
**TYPICAL LEFT (OR RIGHT) TURN LANE  
TYPICAL TURN LANE MARKING**



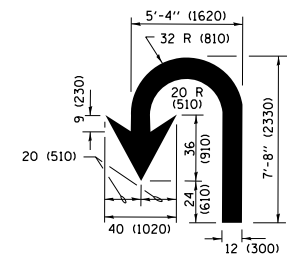
**ISLAND OFFSET FROM PAVEMENT EDGE**



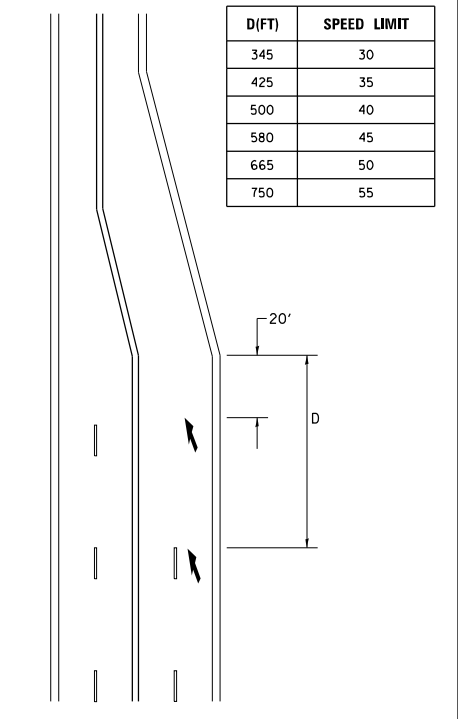
**ISLAND AT PAVEMENT EDGE  
TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**



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

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

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

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

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

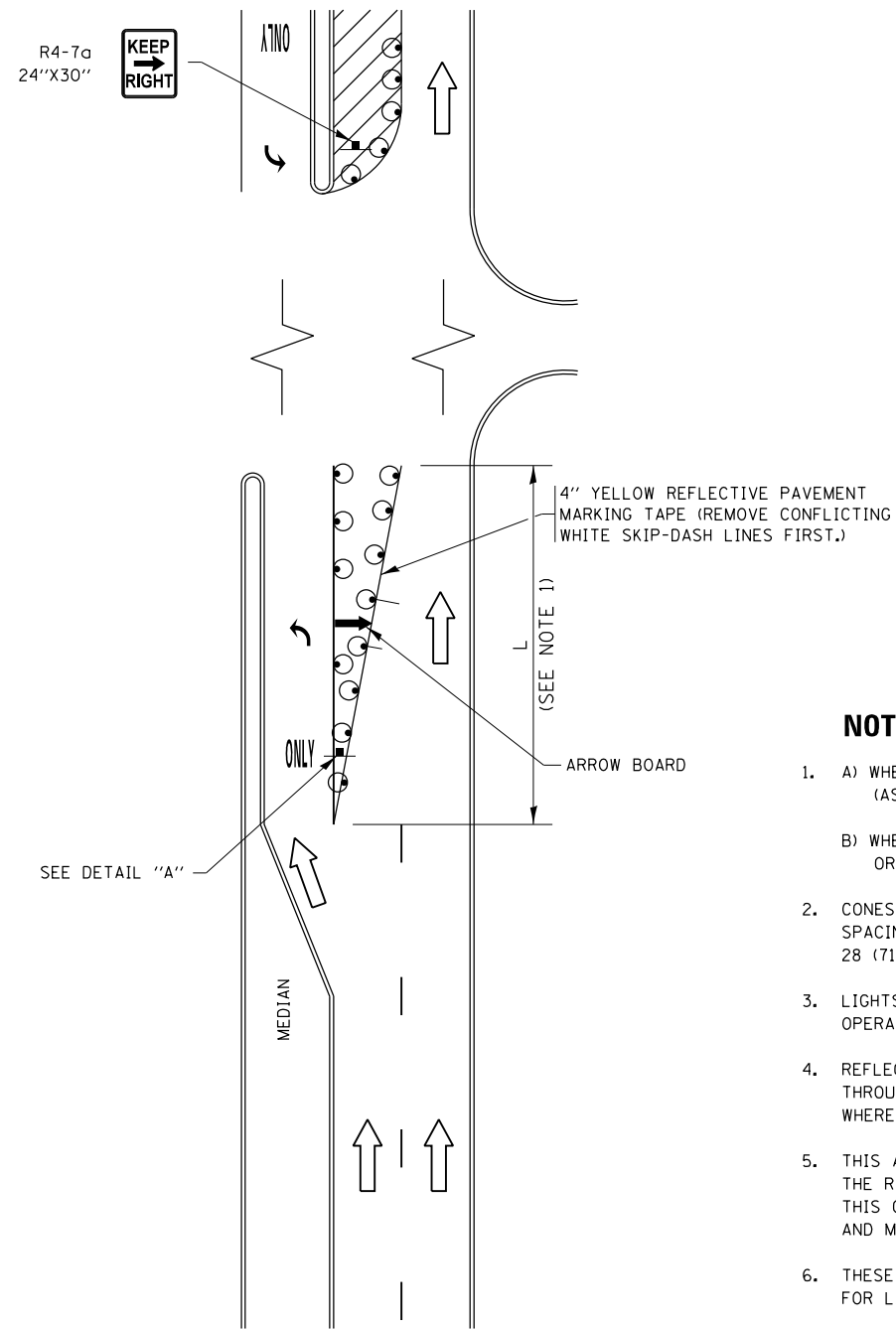
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Default	PLOT SCALE = 100.0000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 2/1/2018		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

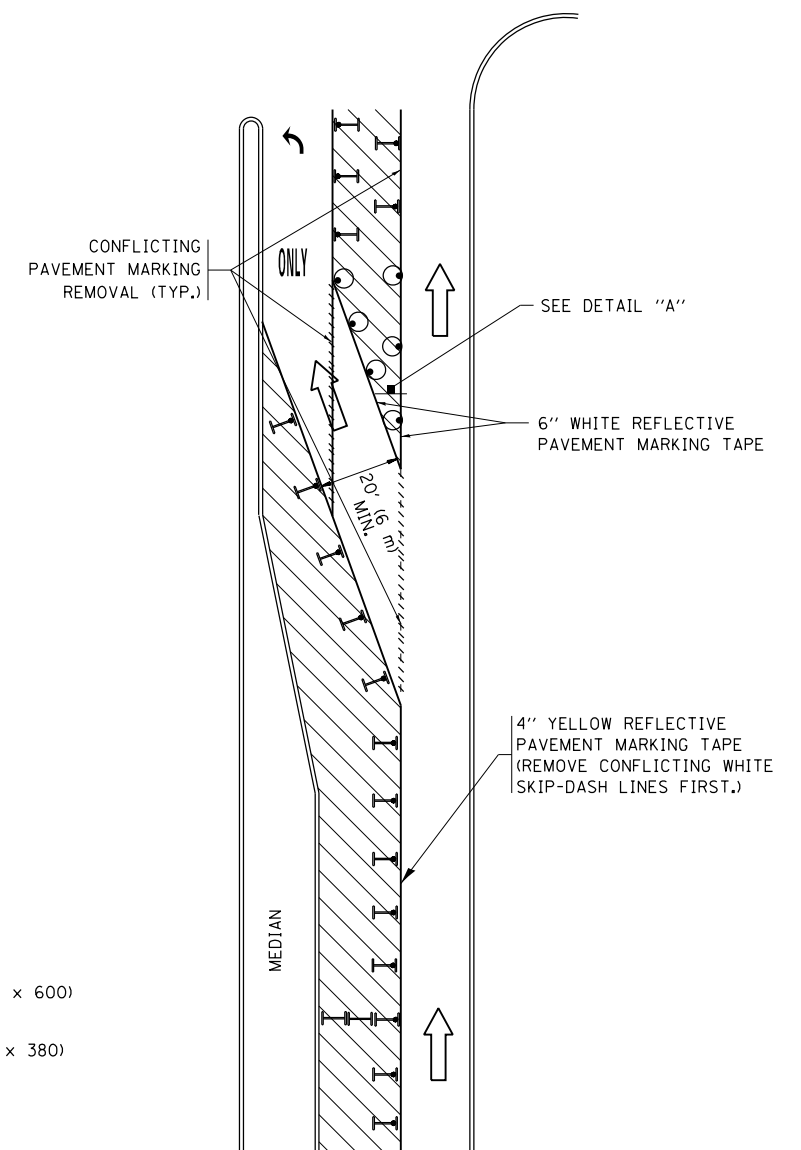
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-063I	DUPAGE	67	63
<b>TC-13</b>		<b>CONTRACT NO. 62D58</b>		
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

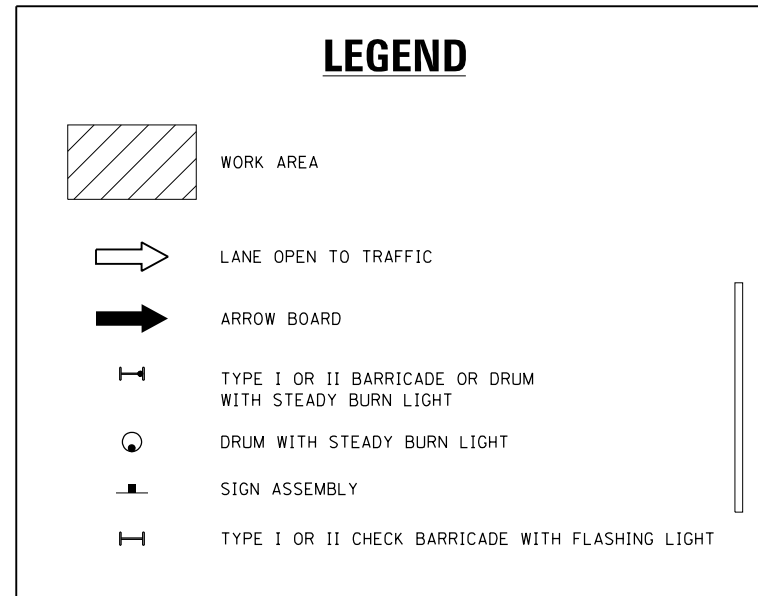


**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE

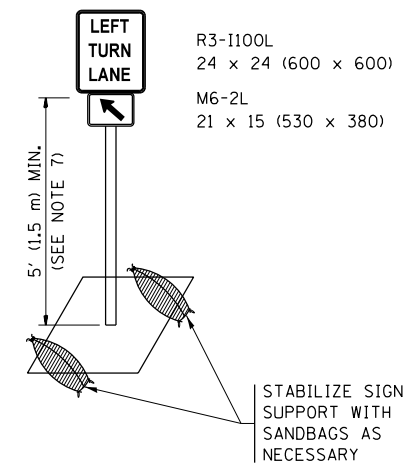


**FIGURE 2**



### NOTES:

1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

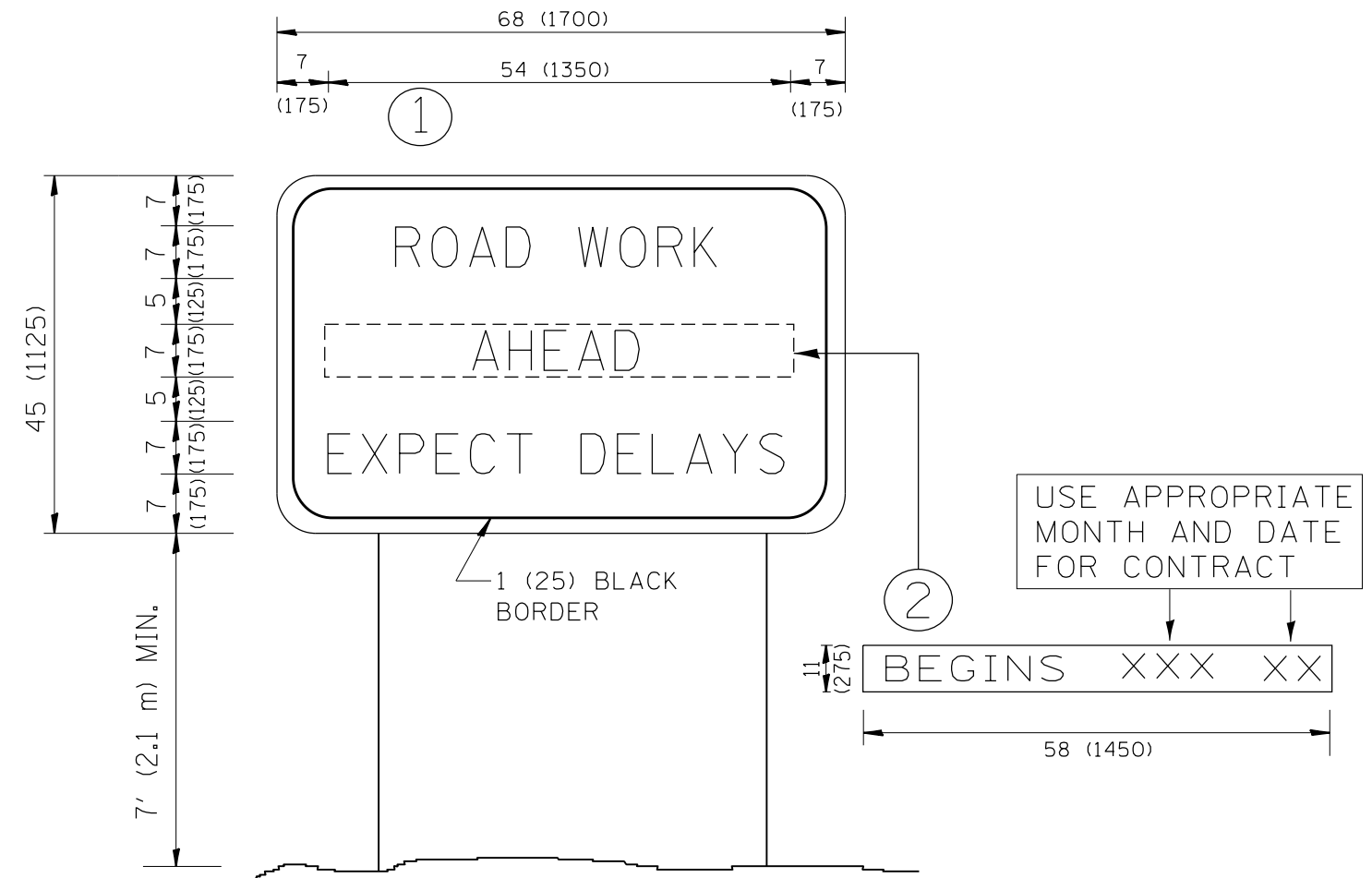


**DETAIL A**

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

FILE NAME =	USER NAME = toriafm	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)</b>			F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13					VAR.	2016-063I	DUPAGE	67	64
	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		<b>TC-14</b>			<b>CONTRACT NO. 62D58</b>				
	PLOT DATE = 2/1/2018	REVISED - T. RAMMACHER 01-06-00	REVISED -		ILLINOIS FED. AID PROJECT							





**NOTES:**

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

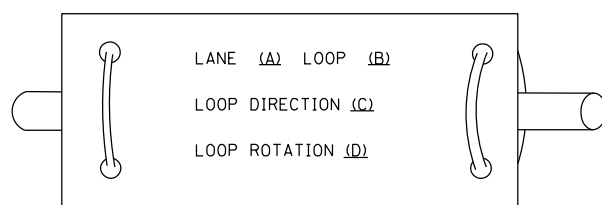
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = tar1qfm	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99				<b>TC-22</b>		<b>CONTRACT NO. 62D58</b>			
PLOT DATE = 2/1/2018	DATE -	REVISED - C. JUCIUS 01-31-07				<small>FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT</small>					
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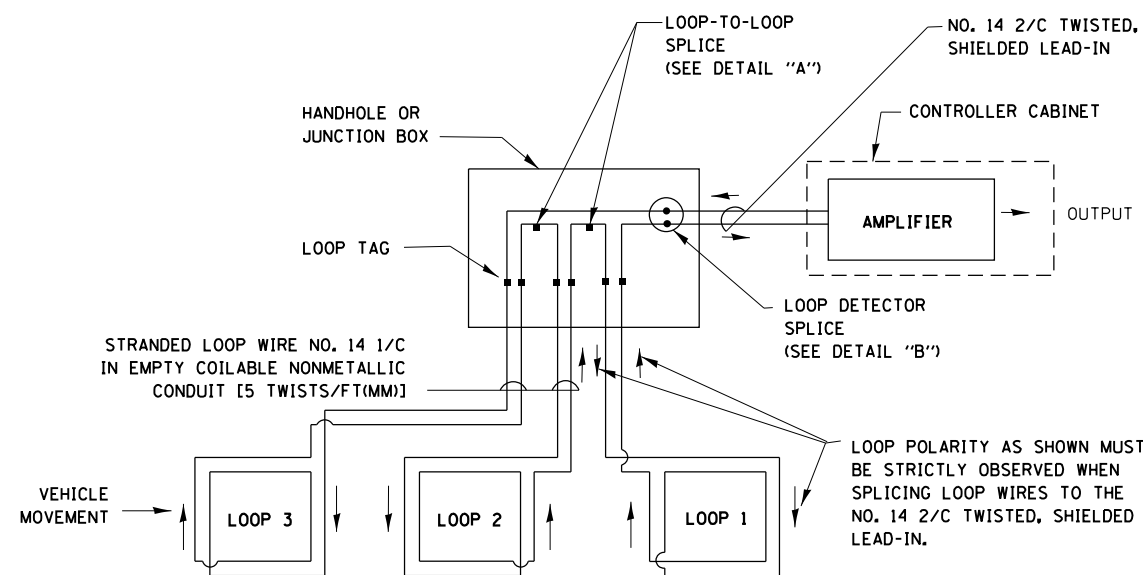
**LOOP DETECTOR NOTES**

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

**LOOP LEAD-IN CABLE TAG**

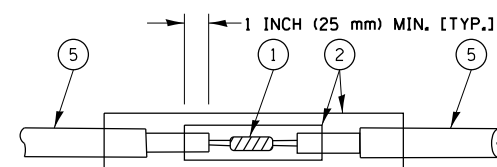


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

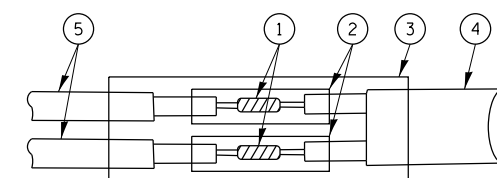


**DETECTOR LOOP WIRING SCHEMATIC**

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

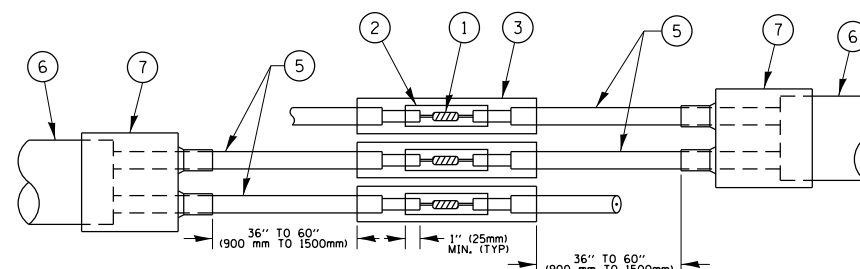


DETAIL "A"  
LOOP-TO-LOOP SPLICE

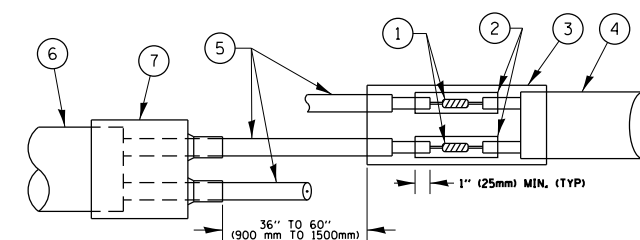


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**PRE-FORMED LOOP**

**LOOP DETECTOR SPLICE**

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

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -
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Default	PLOT DATE = 2/1/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

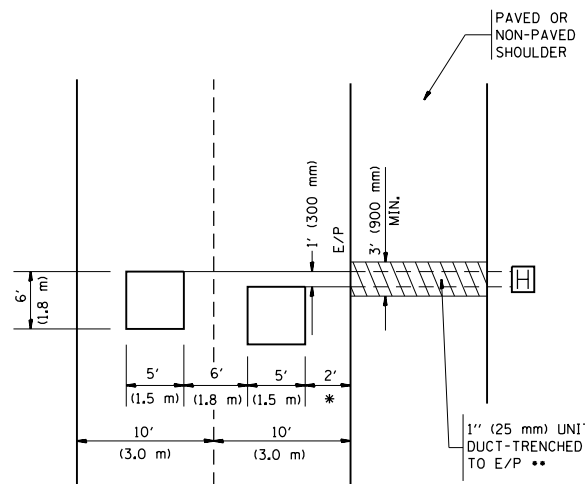
**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2016-063I	DUPAGE	67	66
TS-05			CONTRACT NO. 62D58	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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



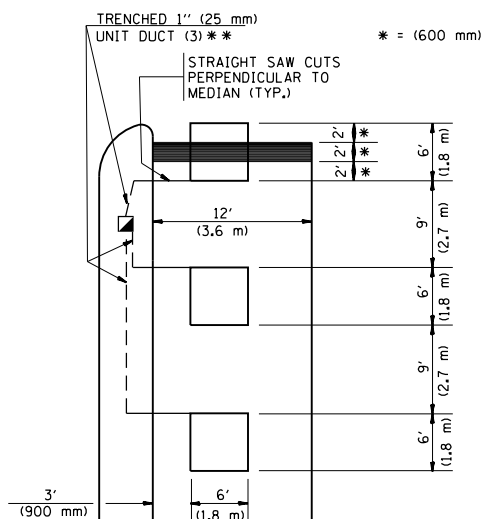
\* = (600 mm)

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

LEFT TURN LANES WITH MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

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

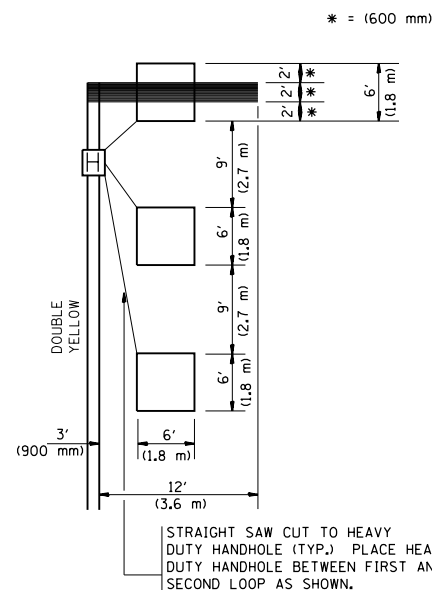


\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

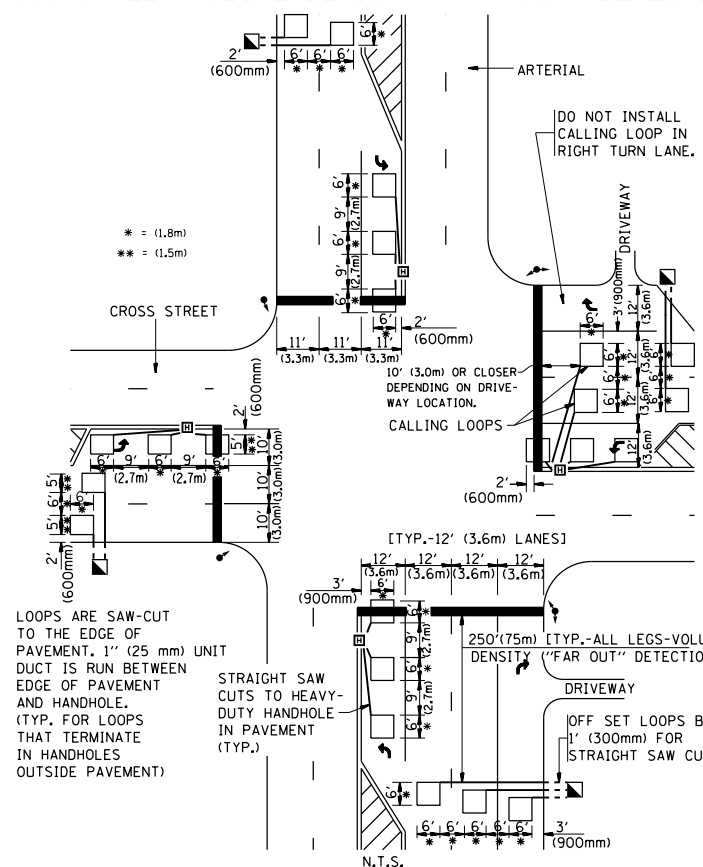
LEFT TURN LANES WITHOUT MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



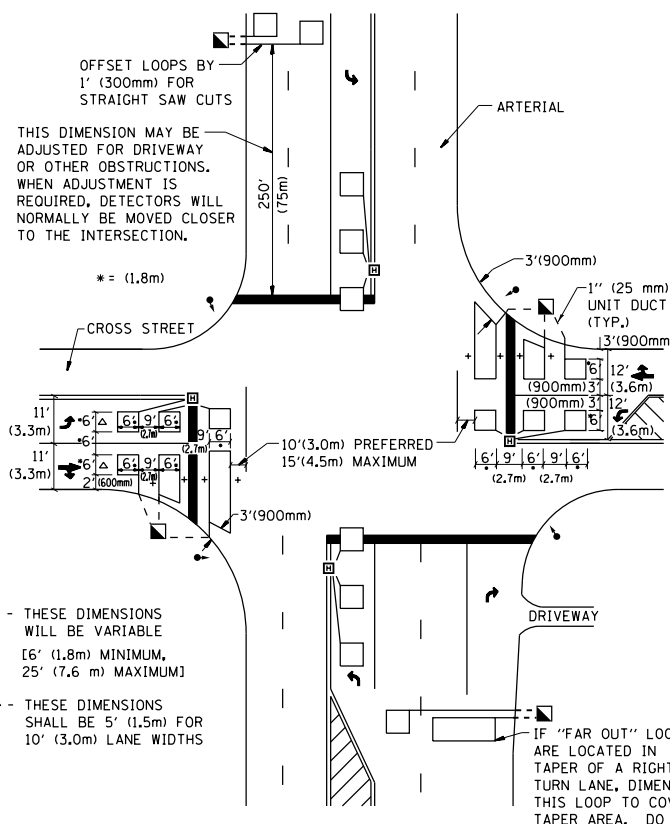
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



DETAIL 1  
N.T.S.

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



DETAIL 2  
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

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

NOTE:

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

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

FILE NAME =	USER NAME = toriaqm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING</b>			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\PI284\Drawings\Design\Diststd.dgn		CHECKED - R.K.F.	REVISED -					VAR.	2016-063I	DUPAGE	67	67
PLOT SCALE = 100.0000' / 1".		DATE -	REVISED -					<b>TS-07</b>			<b>CONTRACT NO. 62D58</b>	
PLOT DATE = 2/1/2018			REVISED -					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	