

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 785 (IL 140)
SECTION 101-SW-1
PROJECT ACNHPP-0785(035)
ADA IMPROVEMENTS
MADISON COUNTY

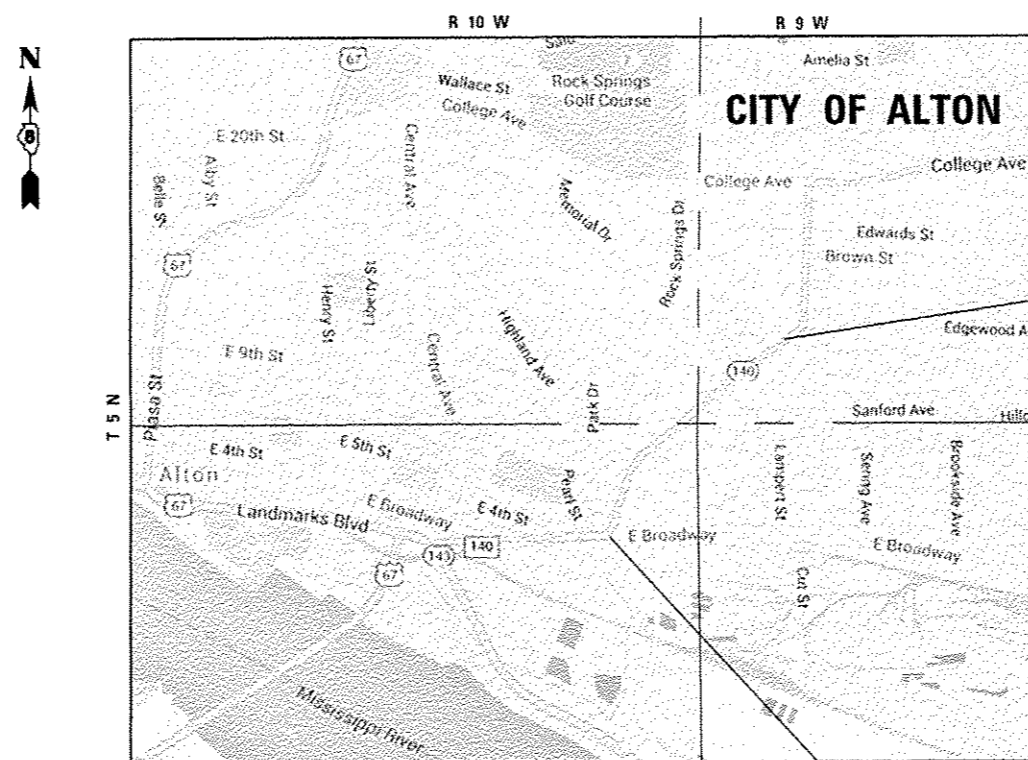
F.A.P. RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101-SW-1	MADISON	12	1
		ILLINOIS	CONTRACT NO. 76J63	

D-98-046-16



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

C-98-040-16



END STA. 44 + 02
LAT.: 38.89638
LONG.: -90.15072

BEGIN STA. 0 + 00
LAT.: 38.88788
LONG.: -90.16054

INDEX OF SHEETS

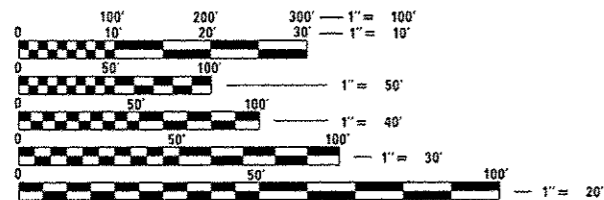
1. COVER SHEET
2. GENERAL NOTES, COMMITMENTS, AND HIGHWAY STANDARDS
3. SUMMARY OF QUANTITIES
4. SCHEDULES
5. WORK AREA LOCATIONS
- 6.-11. PLAN SHEETS
12. PAVEMENT MARKING AND SIGNING DETAILS

ADT'S

	WEST OF SANFORD AVE.	EAST OF SANFORD AVE.
2016	5,500	6,000
2036	6,200	6,800
%SU	4.5	4.2
%MU	1.3	1.0

DESIGN DESIGNATION

N/A



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: HERVE GELIN (618) 346-3179
SQUAD LEADER: CECIL DOWNING (618) 346-3186

CONTRACT NO. 76J63

NOTE: WORK AREAS ARE AT CROSSWALKS WITHIN
A 4,402 FT. (0.83 MI.) LENGTH OF ROADWAY.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct. 21 2016

Jeffrey Z. Kam REGIONAL 5 ENGINEER

Dec 9 2016

Margaret M. Addis P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 9 2016

[Signature] 2
DIRECTOR OF PROGRAM DEVELOPMENT

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

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- CITY OF ALTON (LIGHTING)
- CITY OF ALTON (SANITARY SEWER)
- AMEREN ILLINOIS (GAS & ELECTRIC)
- AT&T ILLINOIS (COMMUNICATIONS)
- CHARTER COMMUNICATIONS, INC. (CTV)
- ILLINOIS AMERICAN WATER COMPANY (WATER)

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

2. THE CONTRACTOR SHALL EXERCISE CARE IN EXCAVATING AROUND EXISTING UTILITIES TO REMAIN IN PLACE, SUCH AS WATER AND SEWER MAINS, AND SHALL BE RESPONSIBLE FOR REPAIR OF THESE AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.

3. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

4. THE CONTRACTOR SHALL EXERCISE CARE IN PERFORMING REMOVALS SO AS NOT TO DISRUPT ADJOINING FEATURES THAT ARE TO REMAIN IN PLACE. ANY DAMAGE CAUSED TO ADJOINING FEATURES AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.

5. ALL SAW CUTTING REQUIRED FOR REMOVALS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT OF REMOVAL QUANTITIES.

6. EARTHWORK AND ANY NEEDED FILL DIRT SHALL BE INCLUDED IN THE CONTRACT PAY ITEMS.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING POSITIVE DRAINAGE IN THE DISTURBED AREAS, TO THE SATISFACTION OF THE ENGINEER.

8. ALL LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES WHICH OBSTRUCT THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO FINAL ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICES OF THE CONTRACT.

9. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.

10. SIDEROADS AND ENTRANCES SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

11. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.

12. ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED AND ANY ADDITIONAL TRAFFIC CONTROL DEVICES AS DEEMED NECESSARY BY THE RESIDENT ENGINEER SHALL BE INCLUDED IN THE CONTRACT TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

13. STATE ROW ALONG IL 140 IS LIMITED. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO RESTRICT HIS OPERATIONS BEHIND THE EXISTING SIDEWALK TO STAY WITHIN CLOSE PROXIMITY TO THE CONSTRUCTION LIMITS.

14. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424016-03	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
606001-06	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
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS

COMMITMENTS

NONE

FILE NAME #	USER NAME # mlr10er	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS, AND HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11884EBID\INTEG\Illinois.gov\PIDOT\Documents\DOT Office\District 8\Projects\0876\DRAWING\DATA\GAD\sheet\0876J63-ah-plot.dwg	DRWN	CHECKED -	REVISED -			785	101-SW-1	MADISON	12	2
PLOT SCALE * 100.0000 ' / in		CHECKED -	REVISED -			CONTRACT NO. 76J63				
Default	PLOT DATE * 18/19/2016	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

NOTE:

THE ACTUAL QUANTITY OF PAVEMENT MARKING REMOVAL - WATER BLASTING SHALL BE MEASURED AND PAID FOR AS DETERMINED BY THE RESIDENT ENGINEER. THE QUANTITY INCLUDES PERMANENT REMOVAL AND LOCATIONS TO BE RESTRIPE.

CONCRETE AND REMOVAL SCHEDULE

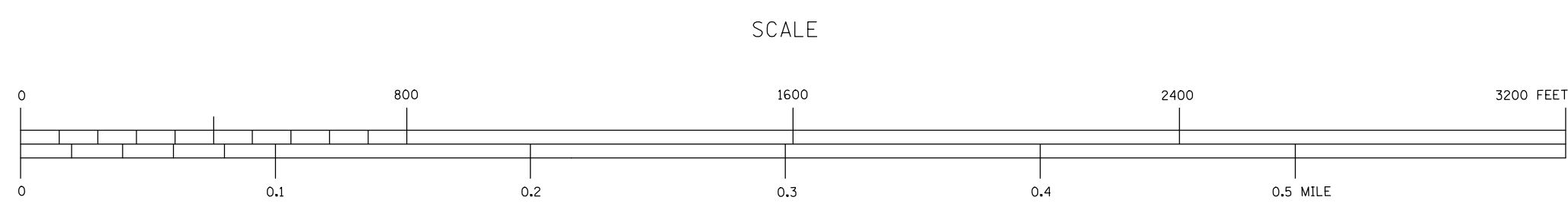
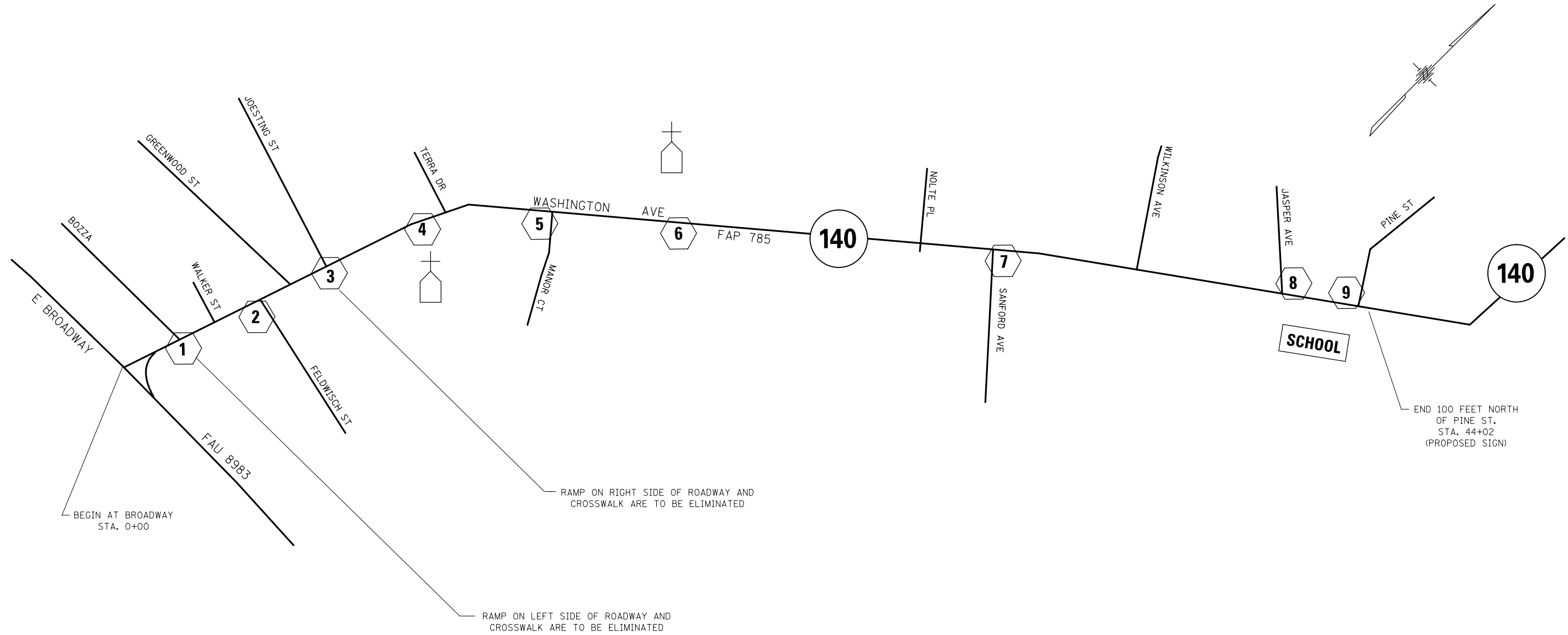
LOCATION	SIDE		PORTLAND CEMENT CONC SIDEWALK 4" (SQ FT)	PORTLAND CEMENT CONC SIDEWALK 4", SPECIAL (SQ FT)	DETECTABLE WARNINGS (SQ FT)	CONCRETE CURB, TYPE B (FT)	CURB REMOVAL (FT)	SIDEWALK REMOVAL (SQ FT)
	LT	RT						
1	X		176.7			21.5	21.5	176.7
2	X		217.3	75.7		18.4	18.4	320.6
		X	125.5		10.0	14.0	14.0	102.2
3		X		80.0		15.9	15.9	112.4
					22.8			
4	X			248.6		16.7	6.0	257.8
		X		435.5	10.0	54.4	54.4	406.6
5	X			243.9		17.8	17.8	256.7
		X	126.4		10.0	15.4	15.4	108.5
6	X		169.0			6.0	6.0	163.7
		X	124.5		10.0	6.0	6.0	93.5
7	X			259.0		27.5	27.5	229.6
		X		171.3	10.0	27.1	27.1	143.2
8	X			98.5		27.2	27.2	94.5
		X	209.0		21.2	35.3	35.3	209.0
9	X		177.3			20.8	20.8	151.0
		X		216.9	20.2	11.1	11.1	198.7
TOTALS			1325.7	1829.4	201.0	335	324	3025

PAVEMENT MARKING SCHEDULE

LOCATION	THERMOPLASTIC PAVEMENT MARKING				PAINT CURB		PAVEMENT MARKING REMOVAL - WATER BLASTING (SQ FT)	
	SOLID WHITE 4" (FT)	YELLOW 4" (FT)	SOLID WHITE 12" (FT)	YELLOW (FT)	LT	RT		
								PARKING LANE
LT	RT	CENTERLINE	CROSSWALK	LT	RT			
1			14		22		93	
2	16		14	90	47	45	107	
3			14				87	
4	16		11	83	51	42	106	
5	16			86	46	55	102	
6	16	23		83	44	46	127	
7	16	8		93	58	60	113	
8	8	16		89	39	46	108	
9	8	16		90	53	46	101	
TOTALS		96	63	53	614	359	341	942
		212		699				

SIGN SCHEDULE

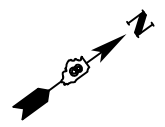
LOCATION	SIDE		SIGN PANEL - TYPE 1 (SQ FT)				WOOD SIGN SUPPORT (FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	REMOVE SIGN PANEL - TYPE 1 (SQ FT)	RELOCATE SIGN PANEL - TYPE 1 (SQ FT)
	LT	RT	W11-2	S1-1	W16-7P	W16-9P				
			30"x30" PED XING	36"x36" SCHOOL XING	(L) 24"x12" ARROW	24"x12" AHEAD				
2		X	6.25		2.0		13.25			
	X		6.25		2.0		13.25			
4		X	6.25			2.0	13.25			
		X	6.25		2.0		13.25	1		
5		X	6.25		2.0		13.25			
	X		6.25		2.0		13.25			
6		X	6.25		2.0		13.25			
	X		6.25		2.0		13.25			
7		X	6.25		2.0		13.25		6.25	
	X		6.25		2.0		13.25			
8		X		9.0		2.0	13.50			
		X		9.0	2.0		13.50		6.25	
9		X		9.0	2.0		13.50			
	X			9.0	2.0		13.50			
TOTALS			68.8	54.0	28.0	6.0	227	2	6.3	6.3
			156.8							



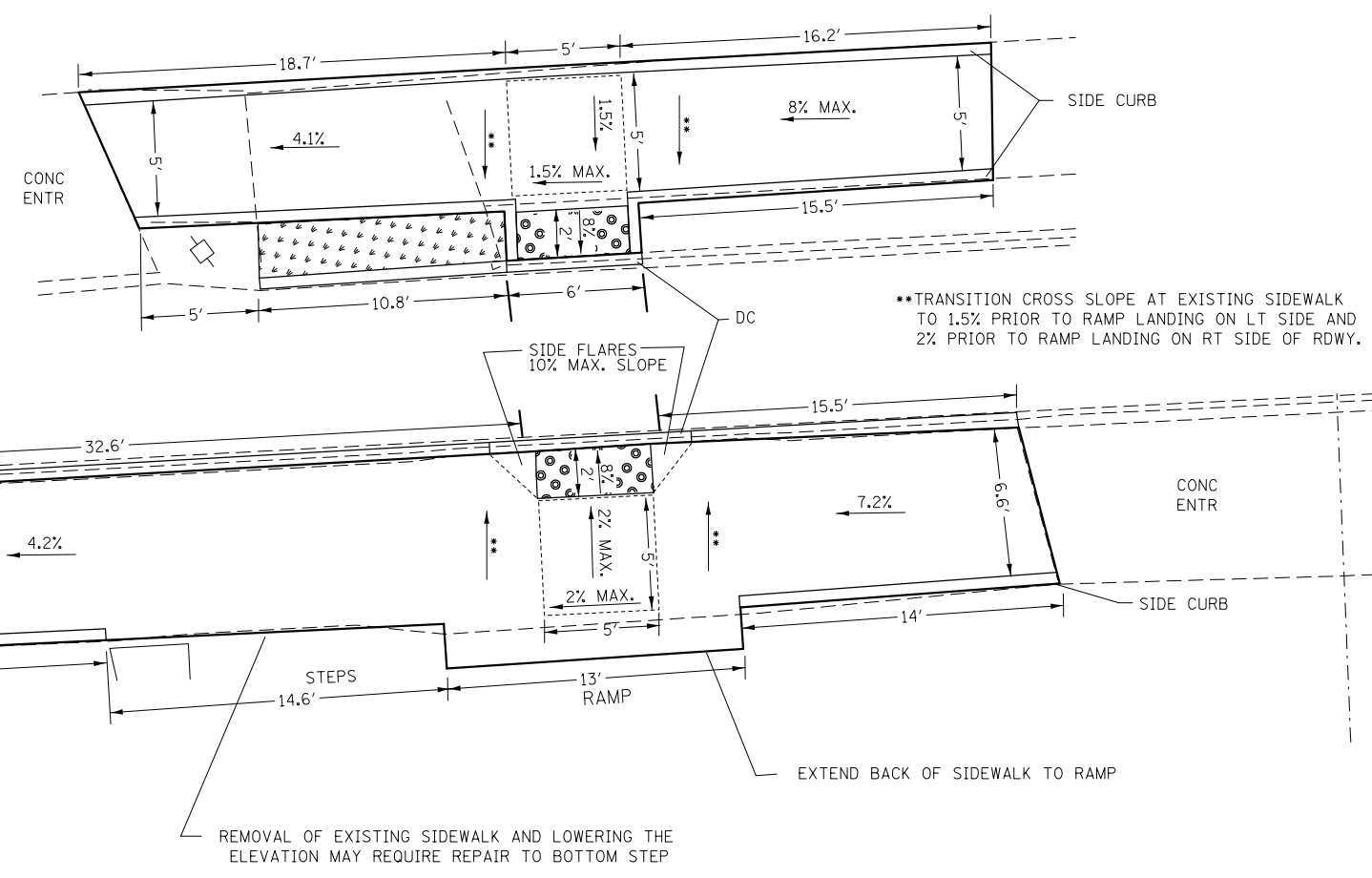
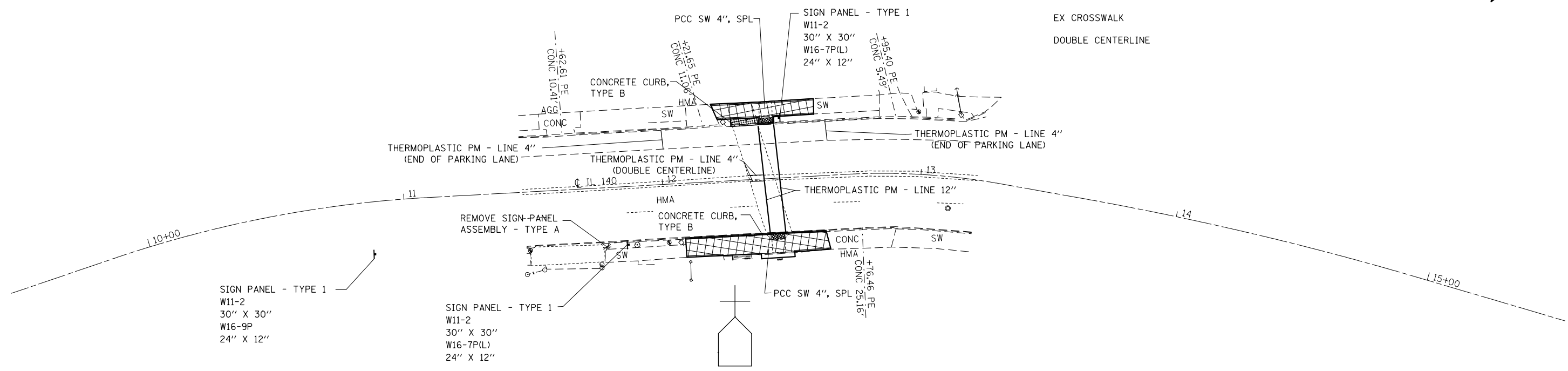
LEGEND




WORK LOCATIONS
CHURCH

FILE NAME =	USER NAME = micemr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WORK AREA LOCATIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 76J63					
	PLOT DATE = 10/19/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



PM REM - WTR BL
 PARKING LANE:
 STA 12+00 TO 12+65 LT
 EX CROSSWALK
 DOUBLE CENTERLINE



-  SIDEWALK REMOVAL OR CURB REMOVAL
-  DETECTABLE WARNINGS
-  SEEDING

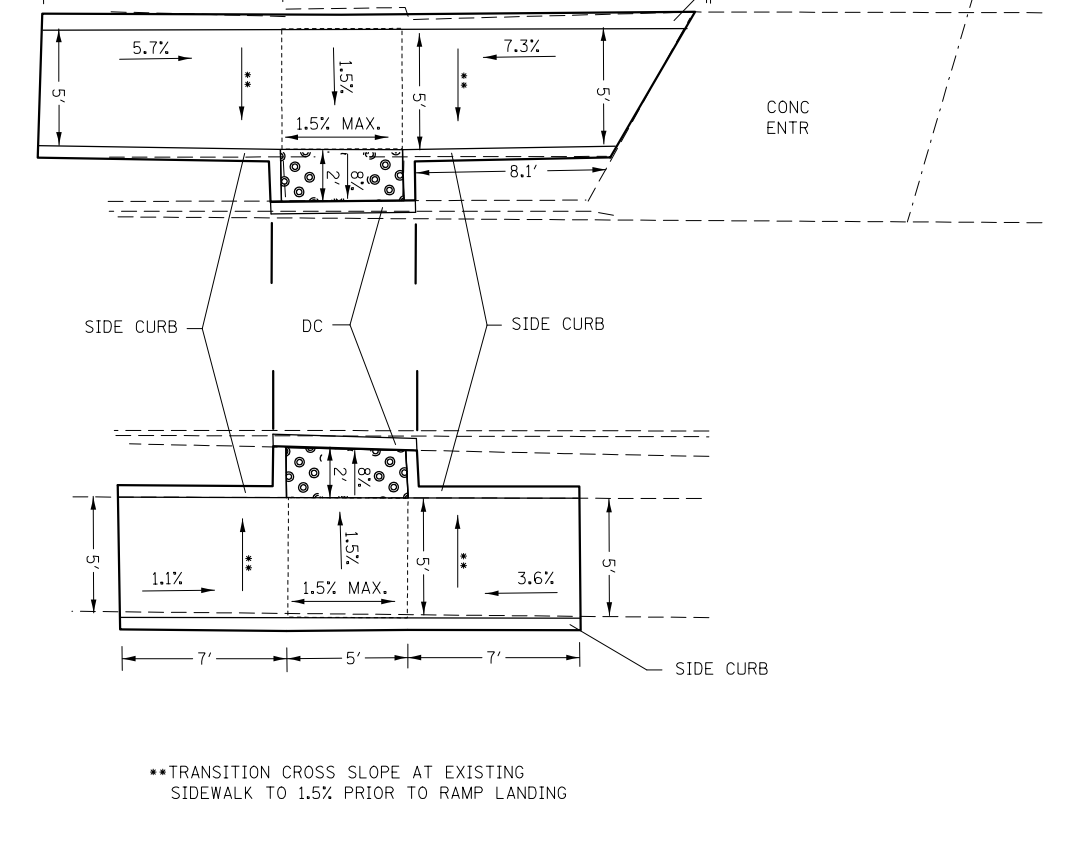
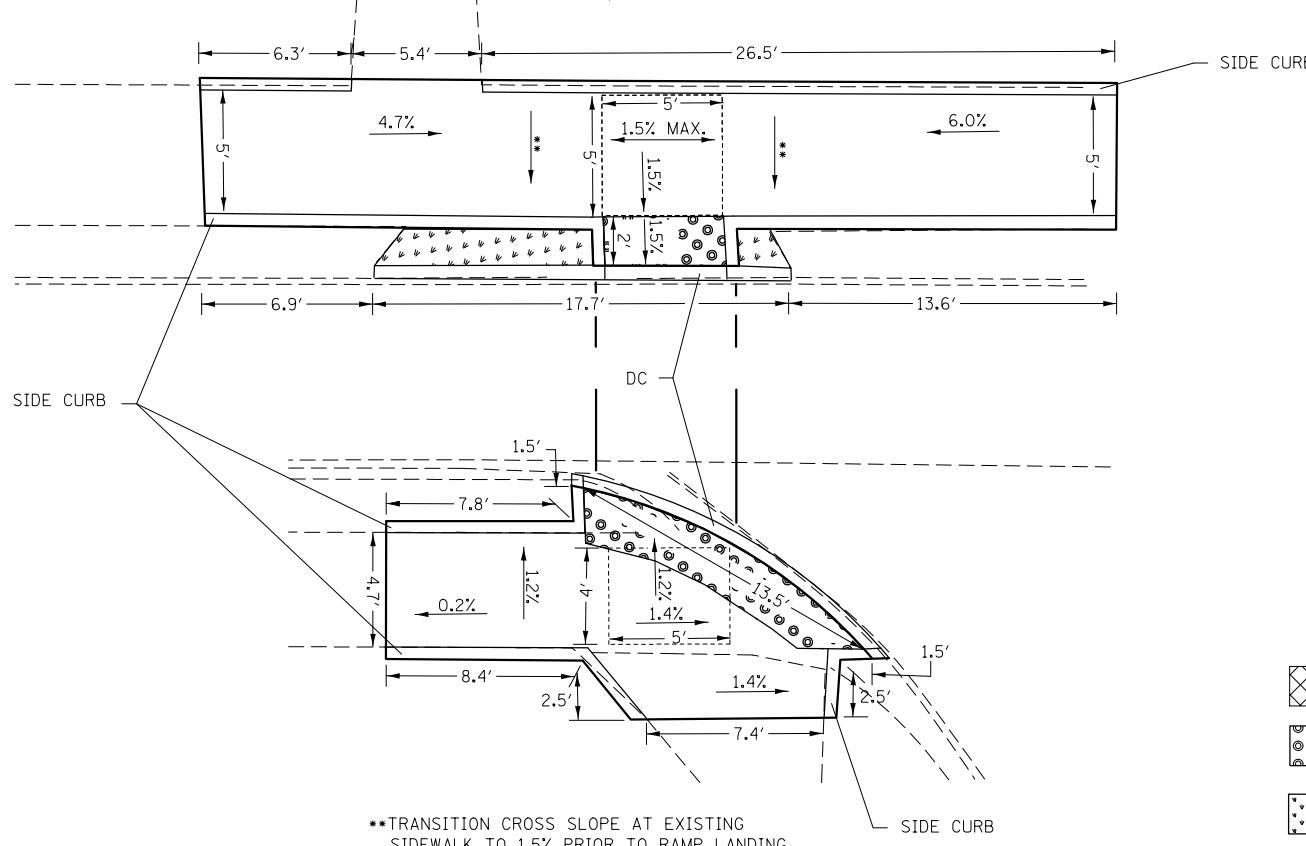
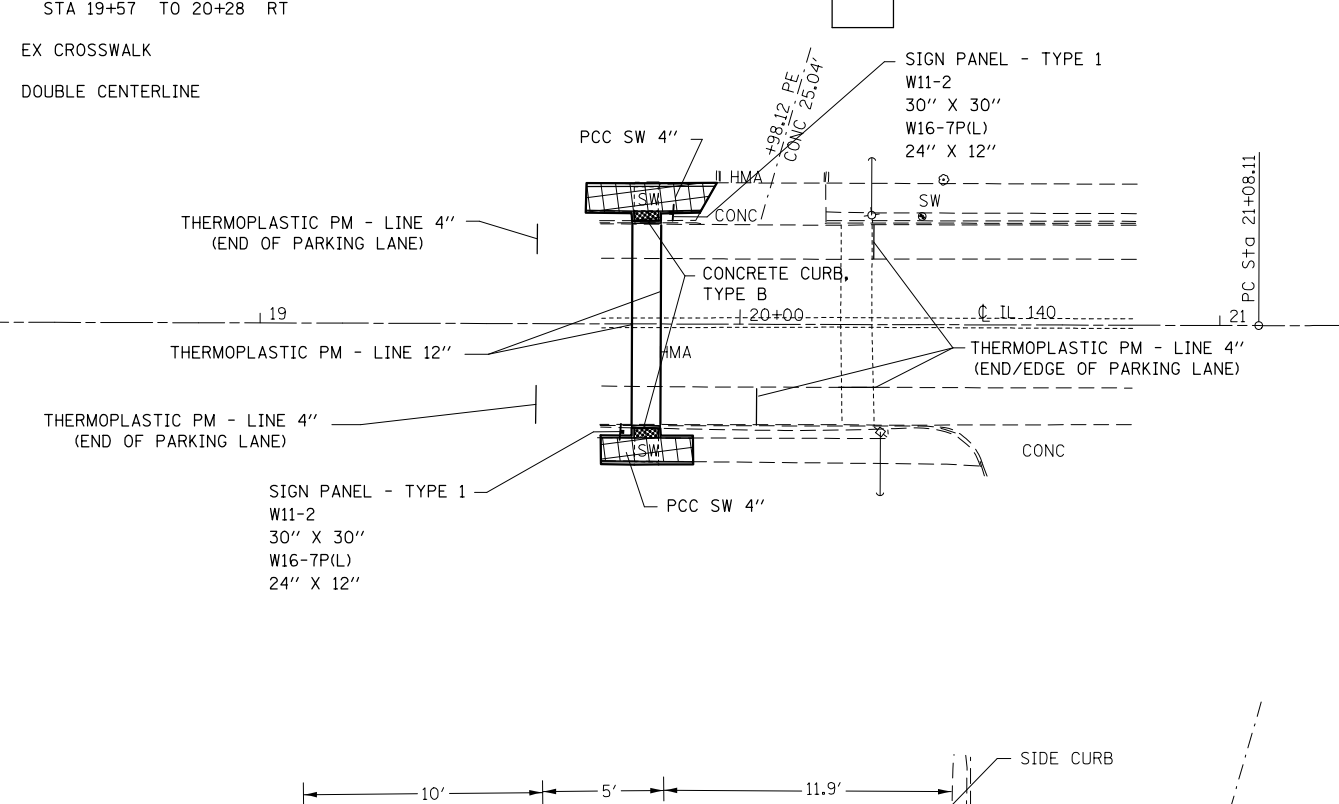
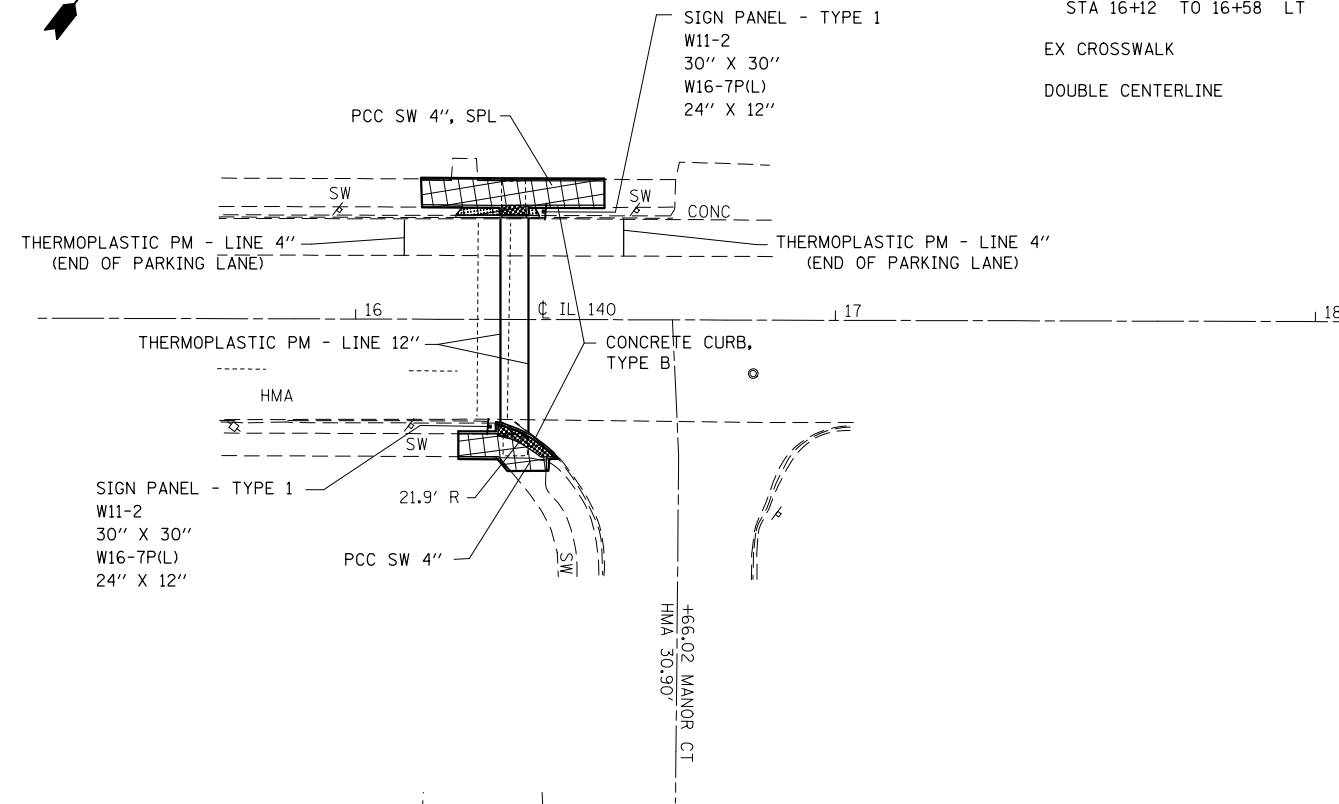
PROPOSED CROSSWALK AT STA 12+43




FILE NAME =	USER NAME = milosem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET LOCATION 4			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 76J63			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/19/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	



PM REM - WTR BL
 PARKING LANE:
 STA 16+12 TO 16+58 LT
 EX CROSSWALK
 DOUBLE CENTERLINE

PM REM - WTR BL
 PARKING LANE:
 STA 19+57 TO 20+04 LT
 STA 19+57 TO 20+28 RT
 EX CROSSWALK
 DOUBLE CENTERLINE



-  SIDEWALK REMOVAL OR CURB REMOVAL
-  DETECTABLE WARNINGS
-  SEEDING

**TRANSITION CROSS SLOPE AT EXISTING SIDEWALK TO 1.5% PRIOR TO RAMP LANDING

PROPOSED CROSSWALK AT STA 16+33

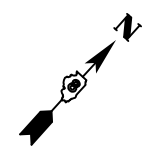
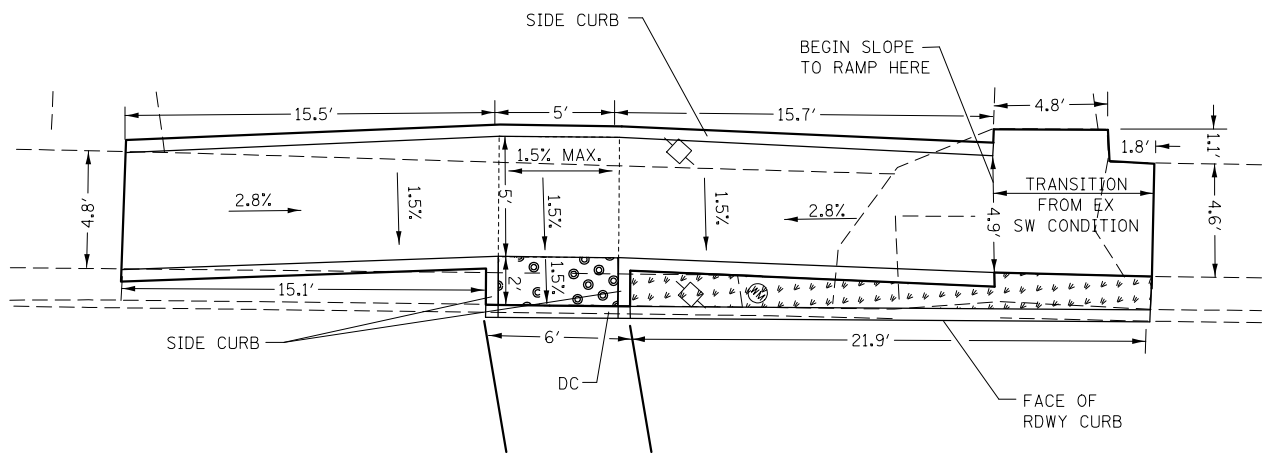
PROPOSED CROSSWALK AT STA 19+81

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Default	PLOT DATE = 10/19/2016	DATE -	REVISED -

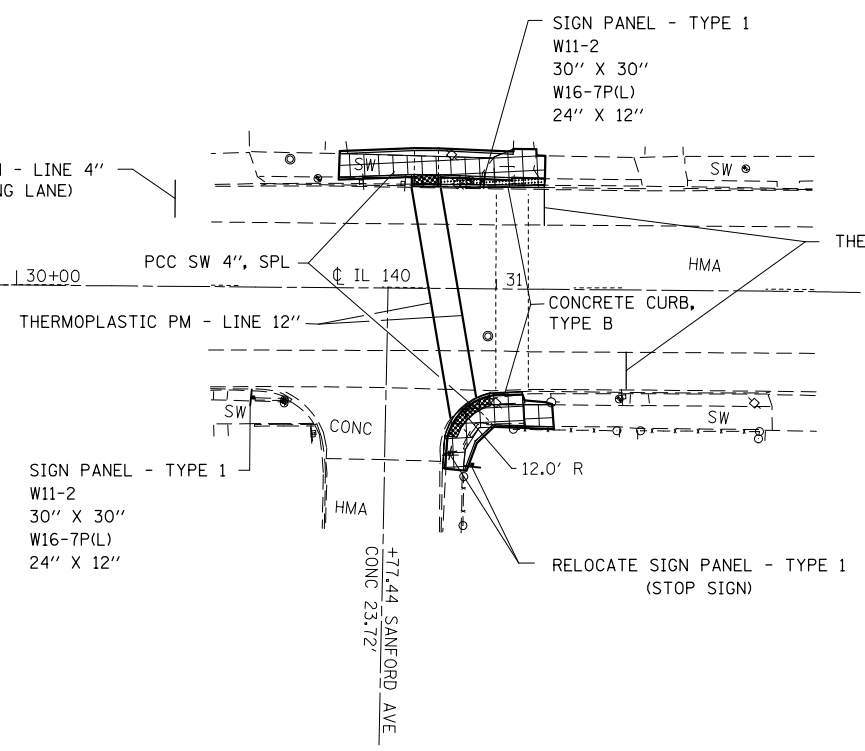
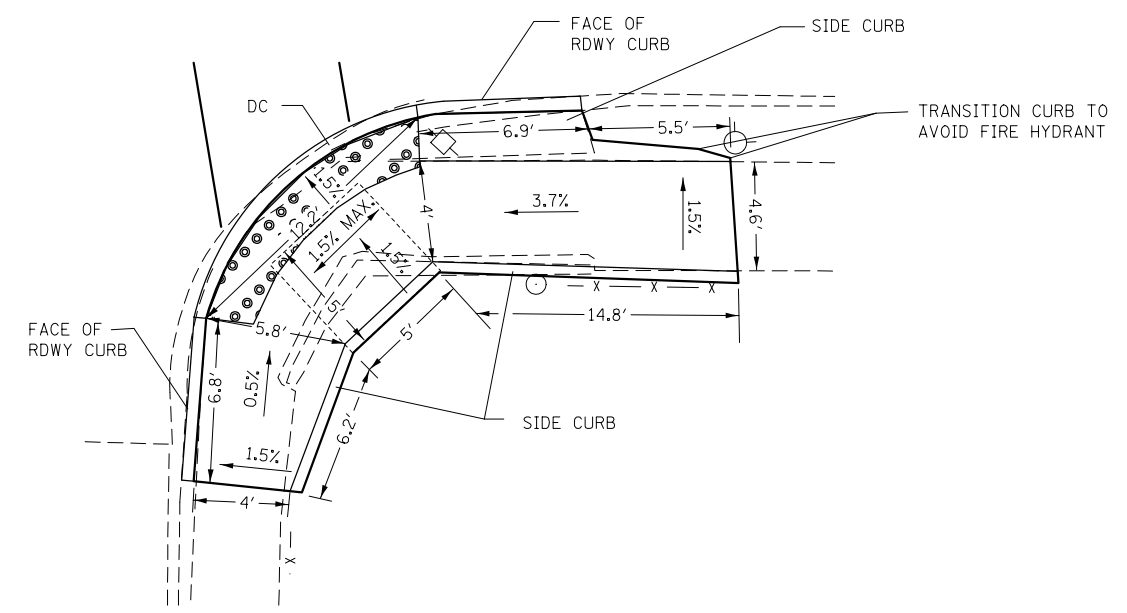
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION




PLAN SHEET LOCATIONS 5 & 6			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	101-SW-1	MADISON	12	9
CONTRACT NO. 76J63				
ILLINOIS FED. AID PROJECT				



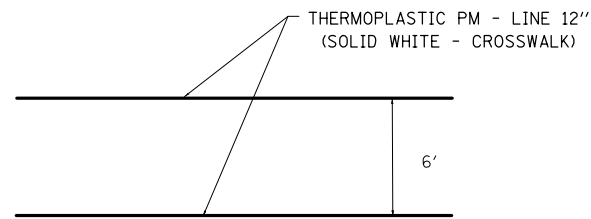
PM REM - WTR BL
 PARKING LANE:
 STA 30+33 TO 31+10 LT
 STA 31+06 TO 31+27 RT
 EX CROSSWALK



-  SIDEWALK REMOVAL OR CURB REMOVAL
-  DETECTABLE WARNINGS
-  SEEDING

PROPOSED CROSSWALK AT STA 30+89

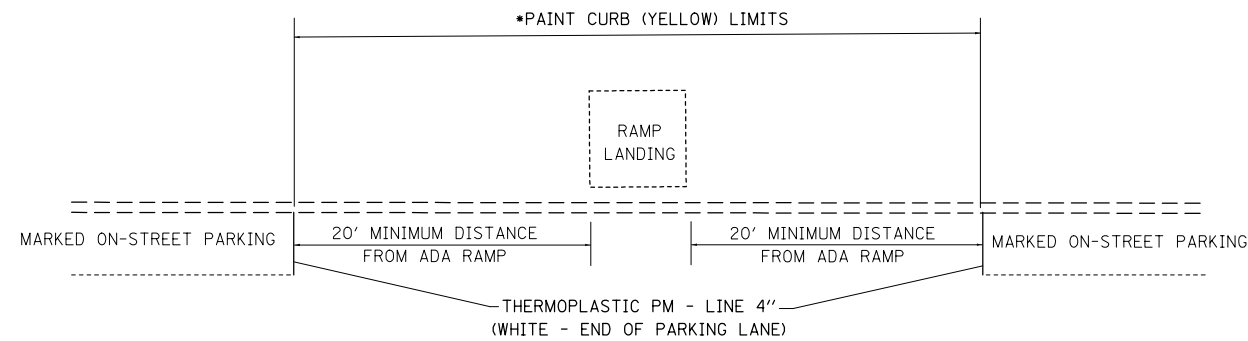
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 76J63				
	PLOT DATE = 10/19/2016	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		



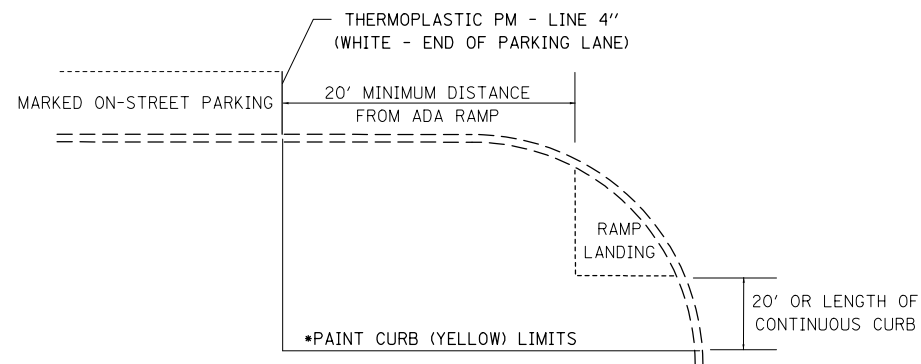
TYPICAL APPLICATION FOR PEDESTRIAN CROSSWALK

PAVEMENT MARKING AND SIGNING NOTES

1. ALL CONFLICTING EXISTING PAVEMENT MARKINGS SHALL BE REMOVED.
2. PARKING LANE MARKINGS BETWEEN END BARS SHALL BE REMOVED WITHIN THE LIMITS NOTED ON THE PLAN SHEETS. NO PARKING IS ALLOWED WITHIN 20' OF A CROSSWALK PER ILLINOIS STATE STATUTES.
3. PAINT CURB SHALL BE APPLIED ON CURBS 20' TO EITHER SIDE OF RAMP LANDING AS SHOWN IN THE DETAIL. PAINT CURB CONTINUING ONTO LOCAL SIDE STREETS MAY BE LIMITED TO THE LENGTH OF CONTINUOUS CURB.
4. CROSSWALK AHEAD SIGNS SHALL BE PLACED 100' AHEAD OF THE FIRST CROSSWALK AT A LOCATION VISIBLE TO APPROACHING MOTORISTS AS DIRECTED BY THE RESIDENT ENGINEER.
5. CROSSWALK SIGNS SHALL BE PLACED AT OR BEFORE NEAR THE ACTUAL CROSSWALK WHERE CLEARLY VISIBLE TO MOTORISTS AS DIRECTED BY THE RESIDENT ENGINEER.



IL STATE ROUTE



*PAINT CURB SHALL BE APPLIED REGARDLESS OF AVAILABLE PARKING.

PAVEMENT MARKINGS ADJACENT TO CROSSWALKS

FILE NAME =	USER NAME = mlcsmr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 8\Projects\0876\DRAWING\DATA\EA0\Sheets\0876J63-sht-plan.dwg	DRWN	CHECKED -	REVISED -					785	101-SW-1	MADISON	12	12
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -		CONTRACT NO. 76J63			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/19/2016				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	