

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PROPOSED
HIGHWAY PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	MCLEAN	58	1
		ILLINOIS	CONTRACT NO. 70A46	

D-95-001-14

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3-4

CURRENT TRAFFIC DATA
F.A.P. ROUTE 730/ (U.S. 51 BUSN.)

	ADT (2015)	PV %	SU %	MU %
LEG "A" =	19,400	91.9	5.4	2.7
LEG "B" =	20,800	92.4	4.9	2.7
LEG "C" =	25,500	94.3	3.5	2.2
LEG "D" =	10,100	95.3	3.3	1.4

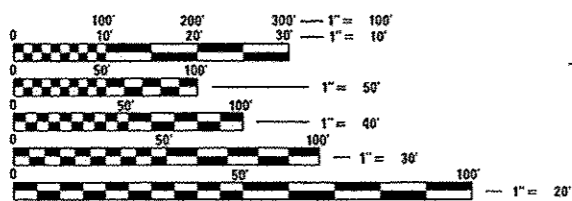
TRAFFIC DATA LOCATIONS

LEG "A" = RAAB RD TO SUMMIT AVE.
LEG "B" = SUMMIT AVE. TO GREGORY ST.
LEG "C" = GREGORY ST. TO COLLEGE AVE.
LEG "D" = KINGSLEY ST. (FAP 730) FROM COLLEGE AVE. TO HOVEY AVE.

F.A.P. ROUTE 730 (U.S. 51 BUSN.)
SECTION D5 ADA-1
PROJECT NHPP-0730(023)
ADA IMPROVEMENTS
MCLEAN COUNTY
RAAB RD. TO OSAGE ST.



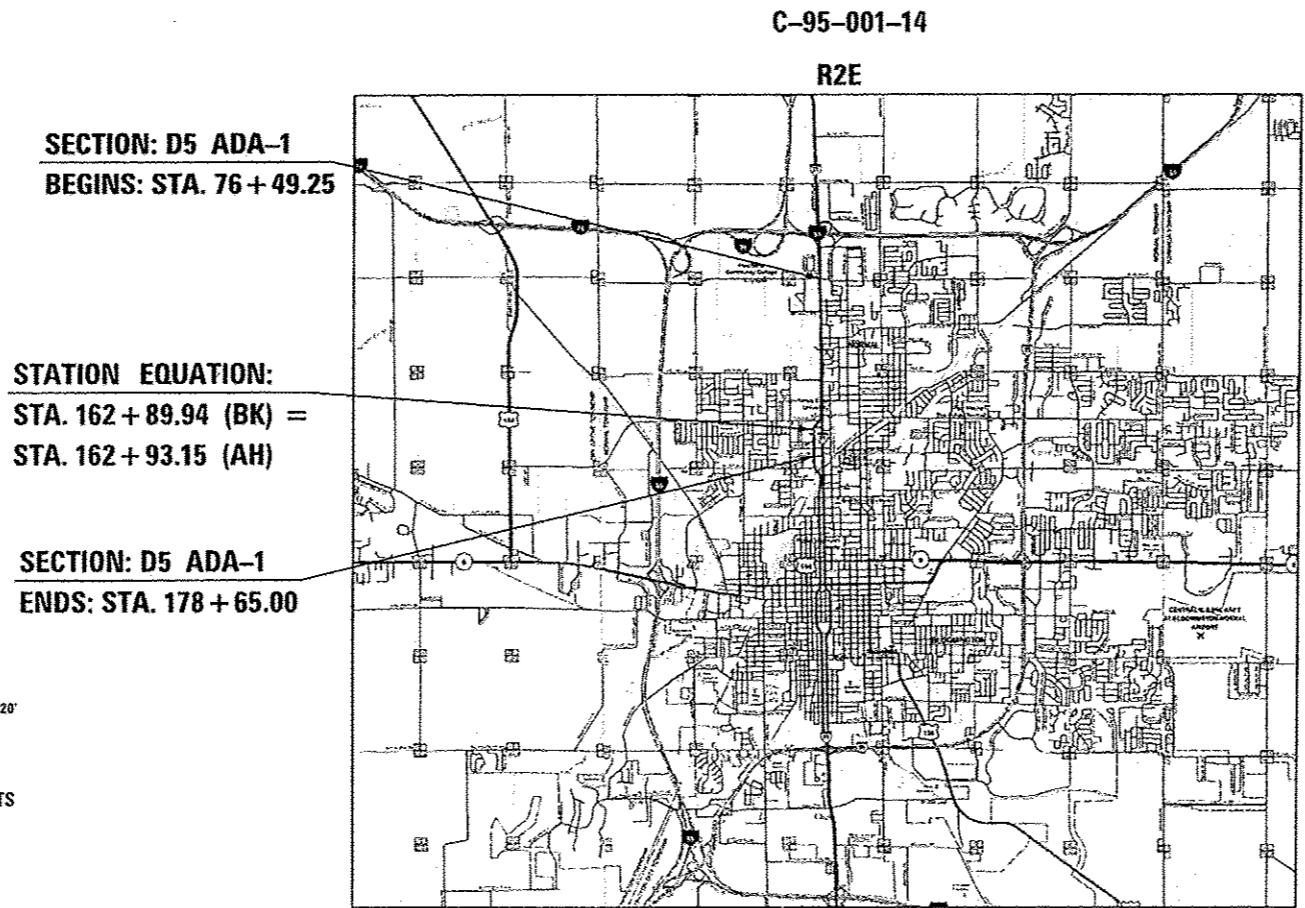
DESIGN DESIGNATION
N/A



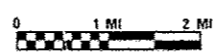
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: NANCY FASIG
CONSULTANT LIAISON: BRIAN J. HOGAN
(217) 465-4181
CONTRACT NO. 70A46



LOCATION MAP



GROSS LENGTH = 10,212.54 FT. = 1.934 MILE
NET LENGTH = 10,212.54 FT. = 1.934 MILE

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
9025 Illinois Route 127
P.O. Box A
Taylor Springs, IL 62089
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN NO. 184-002754

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 15 2017
Kenneth A. Ganath
REGIONAL ENGINEER

May 12 2017
Harmon M. Adair, Jr.
ENGINEER OF DESIGN AND ENVIRONMENT

May 12 2017
Toni M. McDonough
DIRECTOR OF PROGRAM DEVELOPMENT



Toni M. McDonough Date 3-15-2017
Toni M. McDonough
Illinois Professional Engineer
No. 040559
Exp. Date 11/30/2017

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

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-6	SCHEDULE OF QUANTITIES
7	BENCHMARKS
8-57	PLAN SHEETS AND DETAILS FOR PEDESTRIAN / ADA RAMPS
58	DETAIL FOR TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDEROAD / STREET CLOSURES)

LIST OF STANDARDS

STANDARD NO.	NAME OF STANDARD
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-08	PAVEMENT JOINTS
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-03	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424031-01	MEDIAN PEDESTRIAN CROSSING
442201-03	CLASS C AND D PATCHES
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS TYPE I
604051-04	FRAME AND GRATE TYPE II
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.07B
EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL SECURE AN APPROVED LOCATING FIRM TO LOCATE STATE-OWNED UTILITIES PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES IN ACCORDANCE TO SECTION 803 OF THE STANDARD SPECIFICATIONS. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-202
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED

G.N.-280 (SPECIAL)
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SODDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SODDING ON EARTH AT THE TIME OF THEIR COMPLETION.

G.N.-440B
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-442B - PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF THE FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.- 550
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.- 551
EXISTING STORM SEWERS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONTRACTOR WILL NOT BE REQUIRED TO SALVAGE ANY EXISTING SEWER PIPE.

G.N.- 1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

FILE NAME: F:\Projects\1001_PROJECTS\16-060-1\DRRAWINGS\CADD_sheets\057046-ht-general.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME * MW-2	DESIGNED - SMA	REVISED -
PLOT SCALE * 2.0000" = 1'	DRAWN - RNH	REVISED -
PLOT DATE * 3/15/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, LIST OF STANDARDS,
AND GENERAL NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	DS ADA-1	MCLEAN	58	2
			CONTRACT NO. 70A46	
[ILLINOIS] FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY FAP 730 (US 51) URBAN 80% FEDERAL 20% STATE CONSTRUCTION CODE 0021
20200100	EARTH EXCAVATION	CU YD	56
20800150	TRENCH BACKFILL	CU YD	3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	7
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	7
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	7
25200110	SODDING, SALT TOLERANT	SQ YD	496
25200200	SUPPLEMENTAL WATERING	UNIT	6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	11
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5480
42400800	DETECTABLE WARNINGS	SQ FT	575
44000100	PAVEMENT REMOVAL	SQ YD	11
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	991
44000600	SIDEWALK REMOVAL	SQ FT	5275
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	11

CODE NO.	ITEM	UNIT	TOTAL QUANTITY FAP 730 (US 51) URBAN 80% FEDERAL 20% STATE CONSTRUCTION CODE 0021
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	13
55100500	STORM SEWER REMOVAL 12"	FOOT	8
56109210	WATER VALVES TO BE ADJUSTED	EACH	3
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	1
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	11
60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	2
60500060	REMOVING INLETS	EACH	2
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	15
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	578
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	398
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	615
67100100	MOBILIZATION	LSUM	1

• SPECIALTY ITEM

• SPECIALTY ITEM

FILE NAME: F:\P\projects\DOT PROJECTS\UG-060\DRAWINGS\CADD sheets\057046-pl-500.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME: Jjm	DESIGNED - SMA	REVISED -
PLLOT SCALE: 2,0000' / 1"	DRAWN - RNH	REVISED -
PLLOT DATE: 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	05 ADA-1	MCGLEAN	98	3
			CONTRACT NO. 70A46	
[ILLINOIS] FED. AID PROJECT				

TOTAL QUANTITY
 FAP 730
 (US 51) URBAN
 80% FEDERAL
 20% STATE
 CONSTRUCTION
 CODE 0021

CODE NO.	ITEM	UNIT	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	1
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	673
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	30
X1400235	DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1
Z0001110	GAS VALVE TO BE ADJUSTED	EACH	1
Z0013798	CONSTRUCTION LAYOUT	LSUM	1

• SPECIALTY ITEM

FILE NAME = F:\Projects\DOT PROJECTS\16-068-INDRAWINGS\CADD sheets\0570446-INT-500.dgn



McDonough-Whillow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jim	DESIGNED - SMA	REVISED -
PLOT SCALE = 2.0000' / 1"	DRAWN - RNH	REVISED -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	05 ADA-1	MCLEAN	58	4
SCALE:			SHEET 2 OF 2 SHEETS	STA. TO STA.
ILLINOIS FED. AID PROJECT				

REV

SCHEDULE OF QUANTITIES

SHEET 1 OF 2

PEDESTRIAN RAMPS (ADA)

LOCATION		42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5"	42400800 DETECTABLE WARNING	44000100 PAVEMENT REMOVAL	44000500 COMBINATION CURB AND GUTTER REMOVAL	44000600 SIDEWALK REMOVAL	X4402020 CONCRETE MEDIAN SURFACE REMOVAL	56109210 WATER VALVES TO BE ADJUSTED	60603800 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	60604400 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18	60605000 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	60618300 CONCRETE MEDIAN SURFACE, 4"	XX008730 DOUBLE HANDHOLE TO BE ADJUSTED	Z0001110 GAS VALVE TO BE ADJUSTED	60300350 MANHOLE FRAMES TO BE ADJUSTED
		(SQ FT)	(SQ FT)	(SQ YD)	(FT)	(SQ FT)	(SQ FT)	(EACH)	(FT)	(FT)	(FT)	(SQ FT)	(EACH)	(EACH)	(EACH)
1	RAAB RD. S. E. QUADRANT	133.00	12.00	-	16.00	128.00	-	-	-	-	16.00	-	-	-	-
2	RAAB RD. S. W. QUADRANT	165.00	10.00	-	15.00	150.00	-	-	15.00	-	-	-	-	-	-
5	WARREN AVE. N. E. QUADRANT	63.00	8.00	-	17.00	70.00	-	-	-	17.00	-	-	-	-	-
6	WARREN AVE. S. E. QUADRANT	53.00	8.00	-	16.00	62.00	-	-	-	16.00	-	-	-	-	-
7	BRADLEY LN. N. E. QUADRANT	48.00	8.00	-	17.00	48.00	-	-	-	17.00	-	-	-	-	-
8	BRADLEY LN. S. E. QUADRANT	58.00	8.00	-	16.00	53.00	-	-	-	16.00	-	-	-	-	-
9	ORLANDO ST. N. E. QUADRANT	115.00	16.60	-	29.00	117.00	-	-	-	29.00	-	-	-	-	-
10	ORLANDO ST. S. E. QUADRANT	177.00	16.00	-	30.00	170.00	-	-	-	15.00	15.00	-	-	-	1
13	FAIRVIEW ST. N. E. QUADRANT	86.00	8.00	-	16.00	83.00	-	-	-	16.00	-	-	-	-	-
14	FAIRVIEW ST. S. E. QUADRANT	112.00	8.00	-	17.00	109.00	-	-	-	17.00	-	-	-	-	-
15	FAIRVIEW ST. N. W. QUADRANT	61.00	8.00	-	11.00	60.00	-	-	-	11.00	-	-	-	-	-
16	FAIRVIEW ST. S. W. QUADRANT	74.00	10.00	-	19.00	82.00	-	-	-	19.00	-	-	-	-	-
17	SUMMIT ST. N. W. QUADRANT	73.00	8.00	-	18.00	74.00	-	-	-	18.00	-	-	-	-	-
18	SUMMIT ST. S. W. QUADRANT	58.00	8.00	-	16.00	58.00	-	-	-	16.00	-	-	-	-	-
19	SUMMIT ST. N. E. QUADRANT	131.00	12.00	-	19.00	127.00	-	2	-	-	19.00	-	-	-	-
20	SUMMIT ST. S. E. QUADRANT	138.00	14.25	-	18.00	142.00	-	-	-	-	18.00	-	-	-	-
21	MARIAN AVE. N. E. QUADRANT	107.00	8.00	-	17.00	103.00	-	-	-	17.00	-	-	-	-	-
22	MARIAN AVE. S. E. QUADRANT	173.00	20.00	5.0	40.00	174.00	-	-	-	-	40.00	-	-	-	-
23	MARIAN AVE. S. W. QUADRANT	99.00	12.00	-	16.00	99.00	-	-	-	-	16.00	-	-	-	-
24	MARIAN AVE. MEDIAN	92.00	24.00	-	40.00	92.00	172	-	-	-	40.00	172	-	-	-
25	McKINLEY ST. N. E. QUADRANT	78.00	25.00	-	26.00	82.00	-	-	-	26.00	-	-	-	-	-
26	McKINLEY ST. S. W. QUADRANT	81.00	27.00	-	27.00	82.00	-	-	-	-	27.00	-	-	-	-
29	BUS STOP MEDIAN	91.00	24.00	-	40.00	91.00	-	-	-	-	40.00	-	-	-	-
27	BUS STOP EAST SIDE	108.00	12.00	-	16.00	107.00	-	-	-	-	16.00	-	-	-	-
28	BUS STOP WEST SIDE	86.00	12.00	-	16.00	85.00	170	-	-	-	16.00	170	-	-	-
30	GRANT ST. S. E. QUADRANT	71.00	8.00	-	17.00	71.00	-	1	-	17.00	-	-	-	-	-
31	E. GREGORY ST. N. E. QUADRANT	79.00	8.00	5.1	17.00	79.00	-	-	-	17.00	-	-	-	-	-
32	W. GREGORY ST. N. W. QUADRANT	223.00	8.00	-	13.00	189.00	-	-	-	13.00	-	-	1	-	-
33	BOWLES ST. N. E. QUADRANT	67.00	9.00	-	14.00	65.00	-	-	-	-	14.00	-	-	-	-
34	COTTAGE ST. N. E. QUADRANT	86.00	8.00	-	17.00	87.00	-	-	-	-	17.00	-	-	-	-
35	COTTAGE ST. S. E. QUADRANT	70.00	8.00	-	17.00	69.00	-	-	-	-	17.00	-	-	-	-
36	WILLOW ST. N. E. QUADRANT	222.00	12.00	-	33.00	239.00	-	-	-	-	33.00	-	-	-	-
37	LOCUST ST. S. E. QUADRANT	137.00	8.00	-	20.00	133.00	-	-	-	20.00	-	-	-	-	-
38	DRY GROVE RD. N. E. SIDE	205.00	10.00	-	15.00	177.00	-	-	-	-	15.00	-	-	-	-
39	DRY GROVE RD. N. E. QUADRANT	222.00	10.00	-	19.00	181.00	-	-	-	10.00	9.00	-	-	-	-
40	DRY GROVE RD. S. E. QUADRANT	35.00	10.00	-	18.00	29.00	-	-	-	18.00	-	-	-	-	-
41	DRY GROVE RD. N. W. QUADRANT	221.00	18.00	-	19.00	223.00	-	-	-	19.00	-	-	-	-	-
42	DRY GROVE RD. S. W. QUADRANT	64.00	12.00	-	16.00	58.00	-	-	-	16.00	-	-	-	-	-
43	DRY GROVE RD. N. OF MEDIAN	126.00	8.00	-	15.00	113.00	-	-	-	-	15.00	-	-	-	-
44	DRY GROVE RD. CENTER MEDIAN	141.00	30.00	-	54.00	80.00	331	-	-	39.00	15.00	273	-	-	-
46	KINGSLEY JR. HIGH W. SIDE	325.00	12.00	-	31.00	349.00	-	-	-	31.00	-	-	-	-	-
45	KINGSLEY JR. HIGH E. SIDE	119.00	8.00	-	14.00	122.00	-	-	-	14.00	-	-	-	-	-
47	HALE ST. N. W. QUADRANT	152.00	12.00	-	18.00	148.00	-	-	-	18.00	-	-	-	-	1
48	DALE ST. S. W. QUADRANT	165.00	16.00	-	35.00	154.00	-	-	-	35.00	-	-	-	1	-
49	OSAGE ST. N. W. QUADRANT	162.00	16.00	-	35.00	147.00	-	-	-	35.00	-	-	-	-	-
50	OSAGE ST. N. E. QUADRANT	50.00	8.00	-	14.00	41.00	-	-	-	14.00	-	-	-	-	-
51	OSAGE ST. S. W. QUADRANT	78.00	9.00	-	12.00	73.00	-	-	-	12.00	-	-	-	-	-
TOTAL		5480	574.85	10.1	991	5275	673	3	15	578	398	615	1	1	2
ROUNDED TOTAL		5480	575.0	11.0	991	5275	673	3	15	578	398	615	1	1	2
		(SQ FT)	(SQ FT)	(SQ YD)	(FT)	(SQ FT)	(SQ FT)	(EACH)	(FT)	(FT)	(FT)	(SQ FT)	(EACH)	(EACH)	(EACH)

STORM SEWER

LOCATION		20800150 TRENCH BACKFILL	44201353 CLASS C PATCHES, TYPE 11, 10"	550A2320 STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	55100500 STORM SEWER REMOVAL 12"	60240215 INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	60236800 INLETS, TYPE A, TYPE 11 FRAME & GRATE	60240310 INLETS, TYPE B, TYPE 11 FRAME & GRATE	60261300 INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME & GRATE	60500060 REMOVING INLETS	X0322917 PROPOSED STORM SEWER CONNECTION TO EXIST. MANHOLE
		(CU YD)	(SQ YD)	(FT)	(FT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
5	WARREN AVE. N. E. QUADRANT	-	-	-	-	-	-	-	1	-	-
7	BRADLEY LN. N. E. QUADRANT	-	-	-	-	-	-	-	1	-	-
10	ORLANDO ST. S. E. QUADRANT	-	-	-	-	-	-	-	1	-	-
13	FAIRVIEW ST. N. E. QUADRANT	-	-	-	-	-	-	-	1	-	-
14	FAIRVIEW ST. S. E. QUADRANT	-	-	-	-	-	-	-	1	-	-
19	SUMMIT ST. N. E. QUADRANT	-	-	-	-	-	-	-	1	-	-
22	MARIAN AVE. S. E. QUADRANT	1.7	5.0	9	4	1	-	1	-	1	-
31	E. GREGORY ST. N. E. QUADRANT	0.7	5.1	4	4	-	1	-	-	1	1
34	COTTAGE ST. N. E. QUADRANT	-	-	-	-	-	-	-	1	-	-
35	COTTAGE ST. S. E. QUADRANT	-	-	-	-	-	-	-	1	-	-
36	WILLOW ST. N. E. QUADRANT	-	-	-	-	-	-	-	1	-	-
44	DRY GROVE RD. MEDIAN	-	-	-	-	-	-	-	1	-	-
49	OSAGE ST. N. W. QUADRANT	-	-	-	-	-	-	-	1	-	-
TOTAL		2.4	10.1	13	8	1	1	1	11	2	1
ROUNDED TOTAL		3.0	11.0	13	8	1	1	1	11	2	1
		(CU YD)	(SQ YD)	(FT)	(FT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)

FILE NAME = F:\Projects\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-schedule-1.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = J1m
DESIGNED - SMA
DRAWN - RNH
CHECKED - JAH
DATE -
PLOT SCALE = 2.0000' / 1" =
PLOT DATE = 3/2/2017

REVISOR -
REVISOR -
REVISOR -
REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	MCLEAN	58	5
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SHEET 2 OF 2

EARTH EXCAVATION

		20200100			
		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
LOCATION		(CU YD)	(CU YD)	(CU YD)	(CU YD)
1	RAAB RD. S. E. QUADRANT	1.00	0.75	-	0.75
2	RAAB RD. S. W. QUADRANT	1.00	0.75	-	0.75
5	WARREN AVE. N. E. QUADRANT	1.00	0.75	-	0.75
6	WARREN AVE. S. E. QUADRANT	1.00	0.75	-	0.75
7	BRADLEY LN. N. E. QUADRANT	1.00	0.75	-	0.75
8	BRADLEY LN. S. E. QUADRANT	1.00	0.75	-	0.75
9	ORLANDO ST. N. E. QUADRANT	1.00	0.75	-	0.75
10	ORLANDO ST. S. E. QUADRANT	1.00	0.75	-	0.75
13	FAIRVIEW ST. N. E. QUADRANT	1.00	0.75	-	0.75
14	FAIRVIEW ST. S. E. QUADRANT	1.00	0.75	-	0.75
15	FAIRVIEW ST. N. W. QUADRANT	1.00	0.75	-	0.75
16	FAIRVIEW ST. S. W. QUADRANT	1.00	0.75	-	0.75
17	SUMMIT ST. N. W. QUADRANT	1.00	0.75	-	0.75
18	SUMMIT ST. S. W. QUADRANT	1.00	0.75	-	0.75
19	SUMMIT ST. N. E. QUADRANT	1.00	0.75	-	0.75
20	SUMMIT ST. S. E. QUADRANT	1.00	0.75	-	0.75
21	MARIAN AVE. N. E. QUADRANT	1.00	0.75	-	0.75
22	MARIAN AVE. S. E. QUADRANT	1.00	0.75	-	0.75
23	MARIAN AVE. S. W. QUADRANT	1.00	0.75	-	0.75
24	MARIAN AVE. MEDIAN	2.00	1.5	-	1.5
25	McKINLEY ST. N. E. QUADRANT	1.00	0.75	-	0.75
26	McKINLEY ST. S. W. QUADRANT	1.00	0.75	-	0.75
29	BUS STOP MEDIAN	2.00	1.5	-	1.5
27	BUS STOP EAST SIDE	1.00	0.75	-	0.75
28	BUS STOP WEST SIDE	1.00	0.75	-	0.75
30	GRANT ST. S. E. QUADRANT	1.00	0.75	-	0.75
31	E. GREGORY ST. N. E. QUADRANT	1.00	0.75	-	0.75
32	W. GREGORY ST. N. W. QUADRANT	2.00	1.5	-	1.5
33	BOWLES ST. N. E. QUADRANT	1.00	0.75	-	0.75
34	COTTAGE ST. N. E. QUADRANT	1.00	0.75	-	0.75
35	COTTAGE ST. S. E. QUADRANT	1.00	0.75	-	0.75
36	WILLOW ST. N. E. QUADRANT	2.00	1.5	-	1.5
37	LOCUST ST. S. E. QUADRANT	1.00	0.75	-	0.75
38	DRY GROVE RD. N. E. SIDE	2.00	1.5	-	1.5
39	DRY GROVE RD. N. E. QUADRANT	2.00	1.5	-	1.5
40	DRY GROVE RD. S. E. QUADRANT	1.00	0.75	-	0.75
41	DRY GROVE RD. N. W. QUADRANT	2.00	1.5	-	1.5
42	DRY GROVE RD. S. W. QUADRANT	1.00	0.75	-	0.75
43	DRY GROVE RD. N. OF MEDIAN	1.00	0.75	-	0.75
44	DRY GROVE RD. CENTER MEDIAN	2.00	1.5	-	1.5
46	KINGSLEY JR. HIGH W. SIDE	2.00	1.5	-	1.5
45	KINGSLEY JR. HIGH E. SIDE	1.00	0.75	-	0.75
47	HALE ST. N. W. QUADRANT	1.00	0.75	-	0.75
48	DALE ST. S. W. QUADRANT	1.00	0.75	-	0.75
49	OSAGE ST. N. W. QUADRANT	1.00	0.75	-	0.75
50	OSAGE ST. N. E. QUADRANT	1.00	0.75	-	0.75
51	OSAGE ST. S. W. QUADRANT	1.00	0.75	-	0.75
TOTAL		56	42.0	0	42.0
ROUNDED TOTAL		56	42.0	0	42.0
		(CU YD)	(CU YD)	(CU YD)	(CU YD)

SODDING SCHEDULE

		25000400	25000500	25000600	25200110	25200200	28000250
		NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	TEMPORARY EROSION CONTROL SEEDING
LOCATION		(POUND)	(POUND)	(POUND)	(SQ YD)	(UNIT)	(POUND)
1	RAAB RD. S. E. QUADRANT	0.120	0.120	0.120	9.67	0.116	0.200
2	RAAB RD. S. W. QUADRANT	0.182	0.182	0.182	14.67	0.176	0.303
5	WARREN AVE. N. E. QUADRANT	0.103	0.103	0.103	8.33	0.100	0.172
6	WARREN AVE. S. E. QUADRANT	0.087	0.087	0.087	7.00	0.084	0.145
7	BRADLEY LN. N. E. QUADRANT	0.083	0.083	0.083	6.67	0.080	0.138
8	BRADLEY LN. S. E. QUADRANT	0.091	0.091	0.091	7.33	0.088	0.152
9	ORLANDO ST. N. E. QUADRANT	0.168	0.168	0.168	13.56	0.163	0.280
10	ORLANDO ST. S. E. QUADRANT	0.222	0.222	0.222	17.89	0.215	0.370
13	FAIRVIEW ST. N. E. QUADRANT	0.128	0.128	0.128	10.33	0.124	0.213
14	FAIRVIEW ST. S. E. QUADRANT	0.158	0.158	0.158	12.78	0.153	0.264
15	FAIRVIEW ST. N. W. QUADRANT	0.092	0.092	0.092	7.44	0.089	0.154
16	FAIRVIEW ST. S. W. QUADRANT	0.081	0.081	0.081	6.56	0.079	0.135
17	SUMMIT ST. N. W. QUADRANT	0.114	0.114	0.114	9.22	0.111	0.191
18	SUMMIT ST. S. W. QUADRANT	0.090	0.090	0.090	7.22	0.087	0.149
19	SUMMIT ST. N. E. QUADRANT	0.182	0.182	0.182	14.67	0.176	0.303
20	SUMMIT ST. S. E. QUADRANT	0.183	0.183	0.183	14.78	0.177	0.305
21	MARIAN AVE. N. E. QUADRANT	0.152	0.152	0.152	12.22	0.147	0.253
22	MARIAN AVE. S. E. QUADRANT	0.207	0.207	0.207	16.67	0.200	0.344
23	MARIAN AVE. S. W. QUADRANT	0.132	0.132	0.132	10.67	0.128	0.220
24	MARIAN AVE. MEDIAN	0.000	0.000	0.000	0.00	0.000	0.000
25	McKINLEY ST. N. E. QUADRANT	0.110	0.110	0.110	8.89	0.107	0.184
26	McKINLEY ST. S. W. QUADRANT	0.103	0.103	0.103	8.33	0.100	0.172
29	BUS STOP MEDIAN	0.000	0.000	0.000	0.00	0.000	0.000
27	BUS STOP EAST SIDE	0.154	0.154	0.154	12.44	0.149	0.257
28	BUS STOP WEST SIDE	0.124	0.124	0.124	10.00	0.120	0.207
30	GRANT ST. S. E. QUADRANT	0.101	0.101	0.101	8.11	0.097	0.168
31	E. GREGORY ST. N. E. QUADRANT	0.087	0.087	0.087	7.00	0.084	0.145
32	W. GREGORY ST. N. W. QUADRANT	0.275	0.275	0.275	22.22	0.267	0.459
33	BOWLES ST. N. E. QUADRANT	0.106	0.106	0.106	8.56	0.103	0.177
34	COTTAGE ST. N. E. QUADRANT	0.135	0.135	0.135	10.89	0.131	0.225
35	COTTAGE ST. S. E. QUADRANT	0.107	0.107	0.107	8.67	0.104	0.179
36	WILLOW ST. N. E. QUADRANT	0.116	0.116	0.116	9.33	0.112	0.193
37	LOCUST ST. S. E. QUADRANT	0.079	0.079	0.079	6.33	0.076	0.131
38	DRY GROVE RD. N. E. SIDE	0.197	0.197	0.197	15.89	0.191	0.328
39	DRY GROVE RD. N. E. QUADRANT	0.216	0.216	0.216	17.44	0.209	0.360
40	DRY GROVE RD. S. E. QUADRANT	0.069	0.069	0.069	5.56	0.067	0.115
41	DRY GROVE RD. N. W. QUADRANT	0.191	0.191	0.191	15.44	0.185	0.319
42	DRY GROVE RD. S. W. QUADRANT	0.083	0.083	0.083	6.67	0.080	0.138
43	DRY GROVE RD. N. OF MEDIAN	0.182	0.182	0.182	14.67	0.176	0.303
44	DRY GROVE RD. CENTER MEDIAN	0.000	0.000	0.000	0.00	0.000	0.000
46	KINGSLEY JR. HIGH W. SIDE	0.208	0.208	0.208	16.78	0.201	0.347
45	KINGSLEY JR. HIGH E. SIDE	0.176	0.176	0.176	14.22	0.171	0.294
47	HALE ST. N. W. QUADRANT	0.149	0.149	0.149	12.00	0.144	0.248
48	DALE ST. S. W. QUADRANT	0.234	0.234	0.234	18.89	0.227	0.390
49	OSAGE ST. N. W. QUADRANT	0.212	0.212	0.212	17.11	0.205	0.354
50	OSAGE ST. N. E. QUADRANT	0.072	0.072	0.072	5.78	0.069	0.119
51	OSAGE ST. S. W. QUADRANT	0.077	0.077	0.077	6.22	0.075	0.129
TOTAL		6.138	6.138	6.138	495.11	5.941	10.230
ROUNDED TOTAL		7.0	7.0	7.0	496.0	6.0	11.0

NOTE:
THE SHRINKAGE FACTOR USED IS 25%
SHRINKAGE, EMBANKMENT, AND BALANCE DATA IS FOR INFORMATION ONLY.

FILE NAME = F:\Projects\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-schedule-2.dgn



USER NAME = J1m	DESIGNED - SMA	REVISED -
PLOT SCALE = 2.0000' / 1" =	DRAWN - RNH	REVISED -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	MCLEAN	58	6
CONTRACT NO. 70A46			ILLINOIS FED. AID PROJECT	

BENCHMARKS

B.M. 4990-1 STA. 77+60.05 (37.21' RT)
MARK IS A CHISELED SQUARE ON THE NE CORNER OF CONCRETE FOUNDATION OF TRAFFIC SIGNAL HANDHOLE LOCATED IN THE SW QUAD OF US 51B AND RAAB ROAD INTERSECTION.
ELEV. = 833.74

B.M. 4990-2 STA. 90+98.38 (39.56' RT)
MARK IS A CHISELED "X" ON BOLT ON TOP OF FIRE HYDRANT LOCATED IN THE NW QUAD OF US 51B AND BRADLEY LANE INTERSECTION.
ELEV. = 818.44

B.M. 4990-3 STA. 106+15.07 (49.79' RT)
TO REACH FROM THE INTERSECTION OF US 51B AND SUMMIT STREET GO NORTH ALONG US 51B ±400' TO MARK ON THE LEFT. MARK IS THE E BOLT ON FIRE HYDRANT RIM W/ CHISELED "X" ON IT.
ELEV. = 828.75

B.M. 4990-4 STA. 112+96.30 (34.58' LT)
MARK IS A CHISELED "X" ON THE NW BOLT OF FIRE HYDRANT LOCATED IN THE NE QUAD OF US 51B AND MARIAN AVENUE INTERSECTION.
ELEV. = 817.70

B.M. 4990-5 STA. 119+35.20 (0' OFFSET)
TO REACH FROM THE INTERSECTION OF US 51B AND MCKINLEY STREET GO SOUTH ALONG US51B ±300' TO MARK. MARK IS A BRASS P.I. DISK LOCATED IN CROSSWALK IN CONCRETE MEDIAN.
ELEV. = 813.75

B.M. 4990-6 STA. 125+65.14 (0.14' LT)
MARK IS A BRASS P.C. DISK ±50' SOUTH OF US 51B AND GRANT STREET INTERSECTION LOCATED IN THE C OF US 51B.
ELEV. = 812.62

B.M. 4990-7 STA. 140+50.27 (0.09' RT)
TO REACH FROM THE INTERSECTION OF US 51B AND WILLOW STREET GO NORTH ALONG US 51B ±200' TO MARK. MARK IS A BRASS P.O.T. DISK LOCATED IN CONCRETE MEDIAN. STAMPED "F-77-16 ELE. 808.55 POT STA. 40+50".
ELEV. = 808.35

B.M. 4990-8 STA. 145+81.93 (41.02' LT)
MARK IS A CHISELED "X" ON THE SW BOLT OF FIRE HYDRANT LOCATED IN THE SE QUAD OF INTERSECTION OF US 51B AND LOCUST STREET.
ELEV. = 805.48

B.M. 4990-9 STA. 162+53.15 (26.17' RT)
MARK IS A CHISELED "□" ON TOP OF THE WEST CURB ±80' SOUTH OF THE US 51B (SB) AND DRY GROVE STREET INTERSECTION. MARK IS DUE EAST OF A POWER POLE.
ELEV. = 781.36

B.M. 4990-10 STA. 170+01.94 (29.18' LT)
MARK IS A CHISELED "□" IN SIDEWALK DUE EAST OF A FIRE HYDRANT IN THE NE QUAD OF US 51B (SB) AND HALE STREET INTERSECTION.
ELEV. = 785.19

B.M. 4990-11 STA. 178+66.79 (16.07' LT)
MARK IS A CHISELED "□" ON THE W END OF THE S CURB OF ADA RAMP IN THE SE QUAD OF US 51B (SB) AND OSAGE STREET.
ELEV. = 780.18

B.M. 4990-12 STA. 184+92.92 (18.63' RT)
MARK IS A CHISELED "□" ON THE E END OF CONCRETE MEDIAN W OF US 51B (SB) AT THE HOVEY STREET INTERSECTION.
ELEV. = 772.56

B.M. 4990-13 STA. = 200+12.73 (20.88' LT)
TO REACH FROM THE INTERSECTION OF US 51B (SB) AND VIRGINIA AVENUE GO NORTH ALONG US 51B ±300' TO MARK ON THE RIGHT. MARK IS A CHISELED "□" ON THE SE CORNER OF WINGWALL.
ELEV. = 765.25

B.M. 4990-14 STA. 208+52.45 (25.66' LT)
MARK IS A CHISELED "□" ON THE E SIDE OF A CONCRETE FOUNDATION FOR A MONITORING WELL LOCATED IN THE NE QUAD OF US 51B (SB) AND W APPLE STREET INTERSECTION.
ELEV. = 771.26

B.M. 4990-15 STA. 213.+22.71 (35.96' LT)
MARK IS A CHISELED "X" ON THE SW BOLT OF FIRE HYDRANT W/ A CITY OF BLOOMINGTON TAG LOCATED IN THE SE QUAD OF US 51B (SB) AND DIVISION STREET INTERSECTION.
ELEV. = 780.66

B.M. 4990-16 STA. 197+26.77 (23.80' RT)
TO REACH FROM THE INTERSECTION OF US 51B (NB) AND VIRGINIA STREET GO NORTH ALONG US 51B ±250' TO MARK ON THE LEFT. MARK IS A CHISELED "□" ON NW CORNER OF THE W CONCRETE HANDRAIL OF STRUCTURE #-0054
ELEV. = 762.97

B.M. 4990-17 STA. 173+69.20 (31.13' RT)
TO REACH FROM THE INTERSECTION OF US 51B (NB) AND OSAGE STREET GO NORTH ALONG US 51B ±200' TO MARK ON THE LEFT. MARK IS A CHISELED "□" ON THE E SIDE OF LIGHT POLE FOUNDATION AT THE SE CORNER OF FREEDOM GAS STATION.
ELEV. = 783.95

FILE NAME = F:\Projects\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-01B.dgn



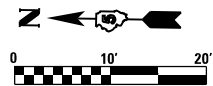
USER NAME = Jim	DESIGNED - SMA	REVISED -
	DRAWN - RNH	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED - JAH	REVISED -
PLOT DATE = 3/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

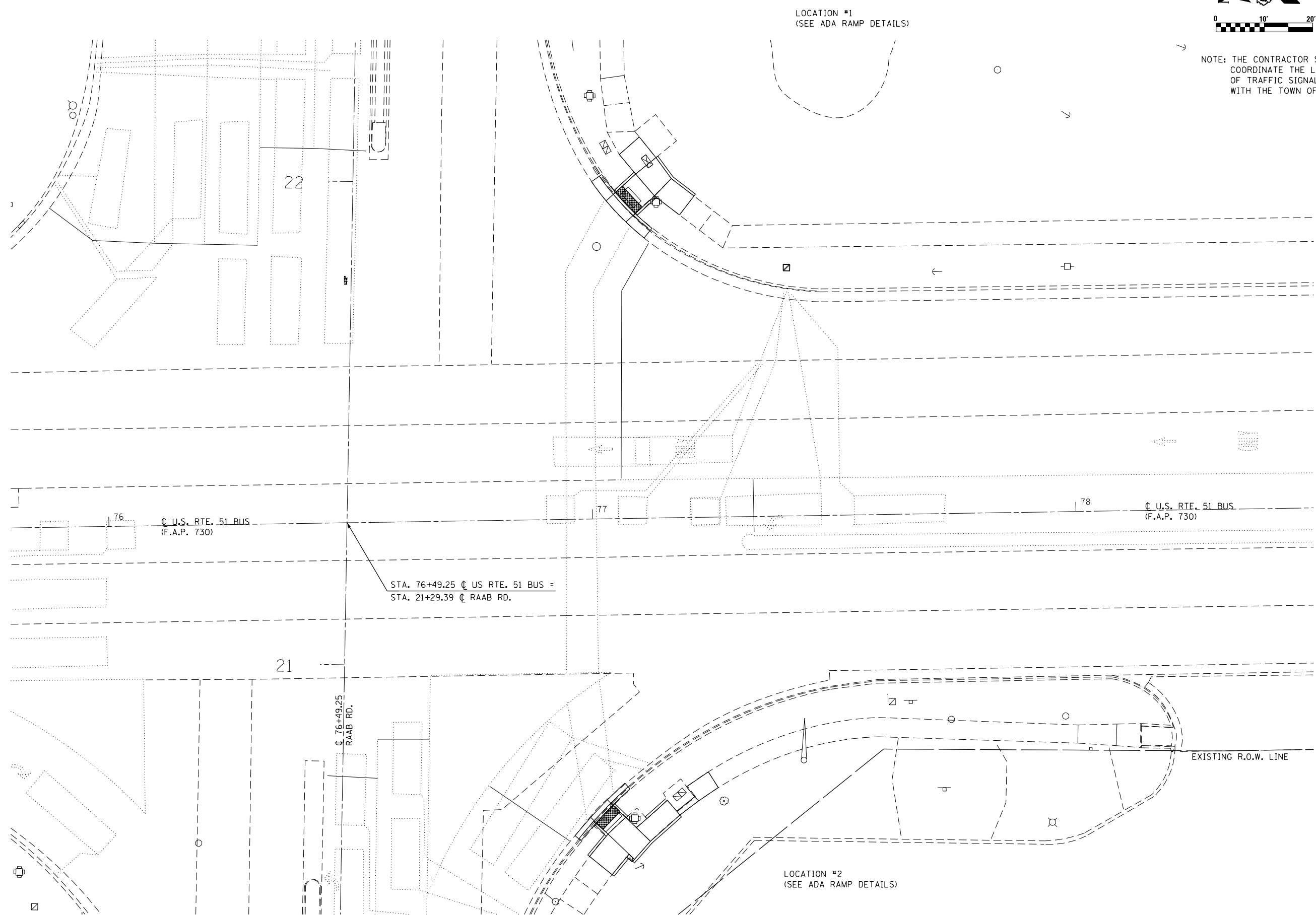
BENCHMARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	MCLEAN	58	7
CONTRACT NO. 70A46			ILLINOIS FED. AID PROJECT	



NOTE: THE CONTRACTOR SHALL
COORDINATE THE LOCATION
OF TRAFFIC SIGNAL WIRING
WITH THE TOWN OF NORMAL.



FILE NAME = F:\Projects\11001 - PROJECTS\11001\DRAWINGS\CADD_sheets\0570A46-ht-intersec-RAAB.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = User1	DESIGNED - SMA	REVISED -
	DRAWN - JLM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JAH	REVISED -
PLOT DATE = 3/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND RAAB RD.
INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	8
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

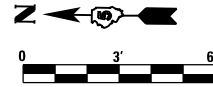
LOCATION #1 S.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & RAAB RD.

LOCATION	STATION	OFFSET
1	77+14.29	LT 74.57
2	77+10.90	LT 78.90
3	77+06.73	LT 75.31
4	77+10.06	LT 71.25
5	77+05.36	LT 67.10
6	77+05.80	LT 67.49
7	77+09.40	LT 62.66
8	77+09.84	LT 63.05
9	77+13.88	LT 66.62
10	77+18.99	LT 62.61
11	77+22.04	LT 66.50
12	77+17.40	LT 70.17

LOCATION #1

S.E. QUADRANT

U.S. 51 (MAIN ST.) & RAAB RD.



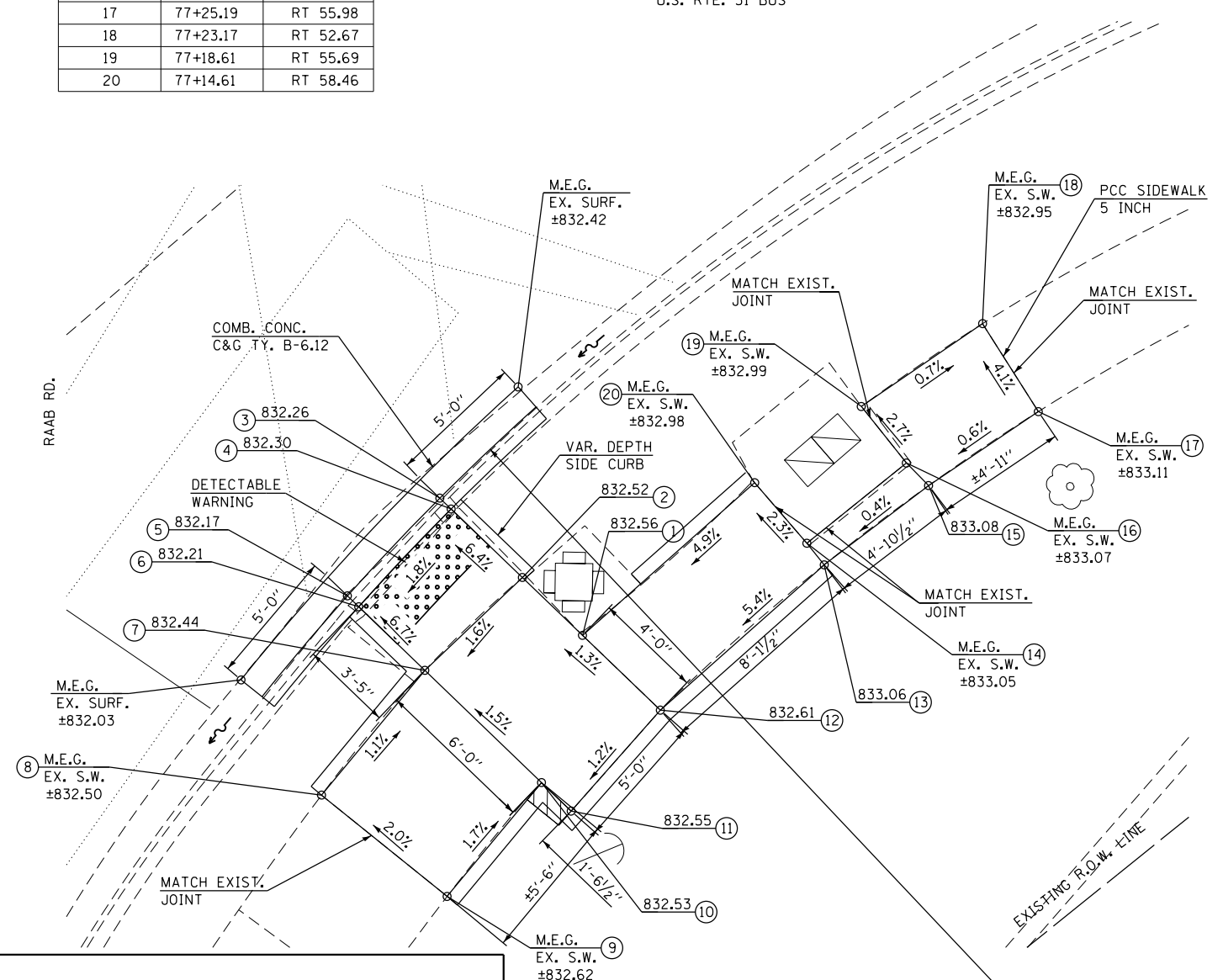
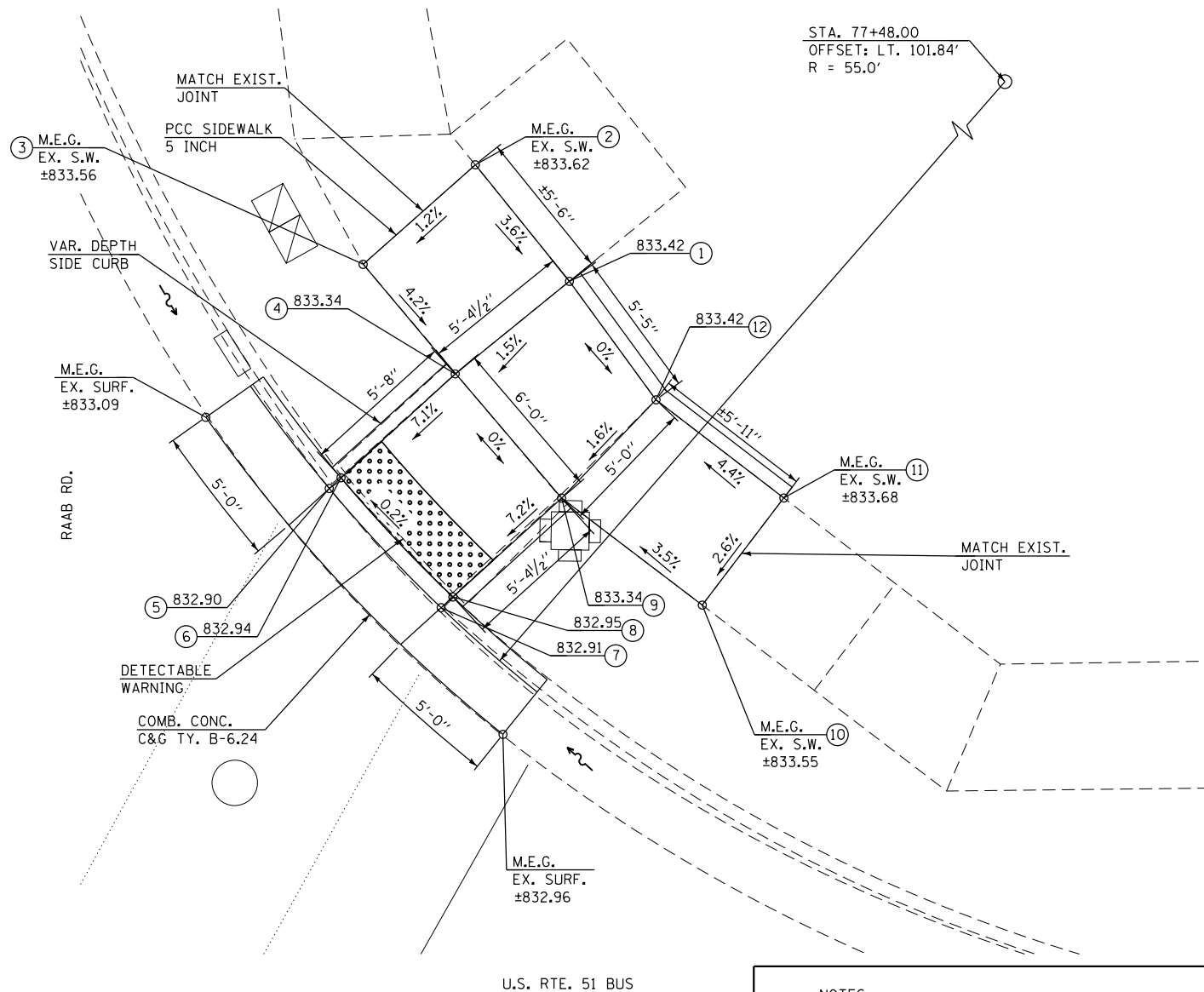
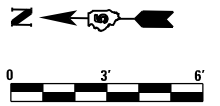
LOCATION #2 S.W. QUADRANT
U.S. RTE. 51 (MAIN ST.) & RAAB RD.

LOCATION	STATION	OFFSET
1	77+08.12	RT 64.03
2	77+05.92	RT 61.84
3	77+02.90	RT 58.85
4	77+03.31	RT 59.26
5	76+99.41	RT 62.43
6	76+99.82	RT 62.84
7	77+02.24	RT 65.24
8	76+98.33	RT 69.81
9	77+02.94	RT 73.65
10	77+06.51	RT 69.47
11	77+07.60	RT 70.55
12	77+10.97	RT 66.85
13	77+17.14	RT 61.55
14	77+16.51	RT 60.73
15	77+21.07	RT 58.66
16	77+20.25	RT 57.81
17	77+25.19	RT 55.98
18	77+23.17	RT 52.67
19	77+18.61	RT 55.69
20	77+14.61	RT 58.46

LOCATION #2

S.W. QUADRANT

U.S. 51 (MAIN ST.) & RAAB RD.



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FILE NAME = F:\Projects\11001-PROJECTS\11001-DRAININGS\CADD_sheets\0570446-hst-sidewalk_ramp_loc_1-2.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN NO. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISIONS
PLOT SCALE = 6.0000' / 1" =	DRAWN - JLM	REVISIONS
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISIONS
	DATE -	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 51 (MAIN ST.) & RAAB RD.
LOCATIONS 1 & 2 RAMP DETAILS

SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 730	SECTION D5 ADA-1	COUNTY McLEAN	TOTAL SHEETS 58	SHEET NO. 9
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #3

NOT USED

LOCATION #4

NOT USED

NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

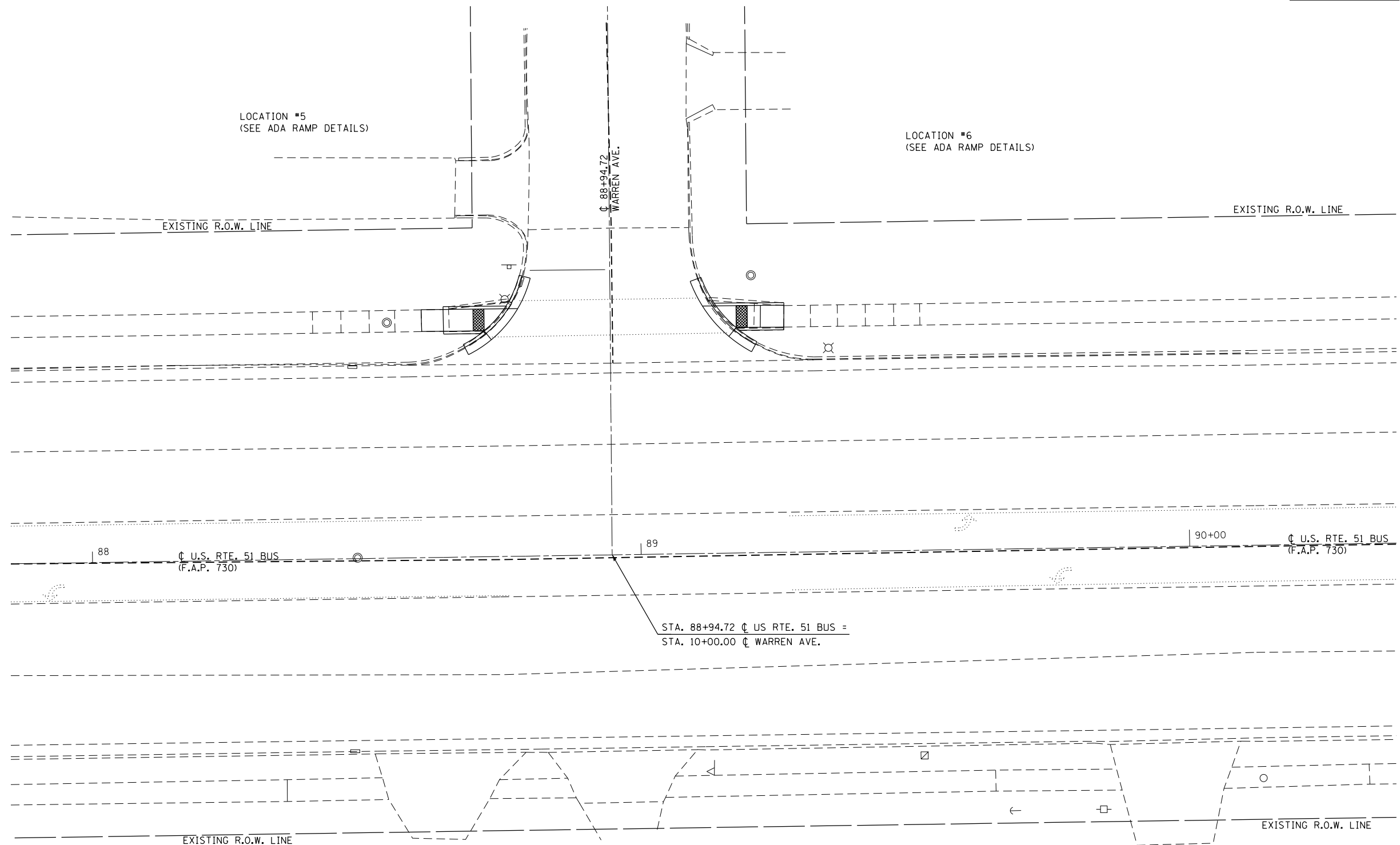
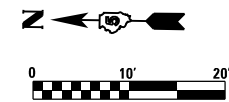
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PLOT DATE = 3/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & OUR SAVIOUR LUTHERN CHURCH ENTRANCE
LOCATIONS 3 & 4 RAMP DETAILS**

SCALE: 1"=3' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	10
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\11001 - PROJECTS\11001\DRAWINGS\CADD_sheets\0570446-ht-intersec-warren.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jim	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISED -	
CHECKED - JAH	REVISED -	
DATE -	REVISED -	
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/2/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND WARREN AVE.
 INTERSECTION PLAN**

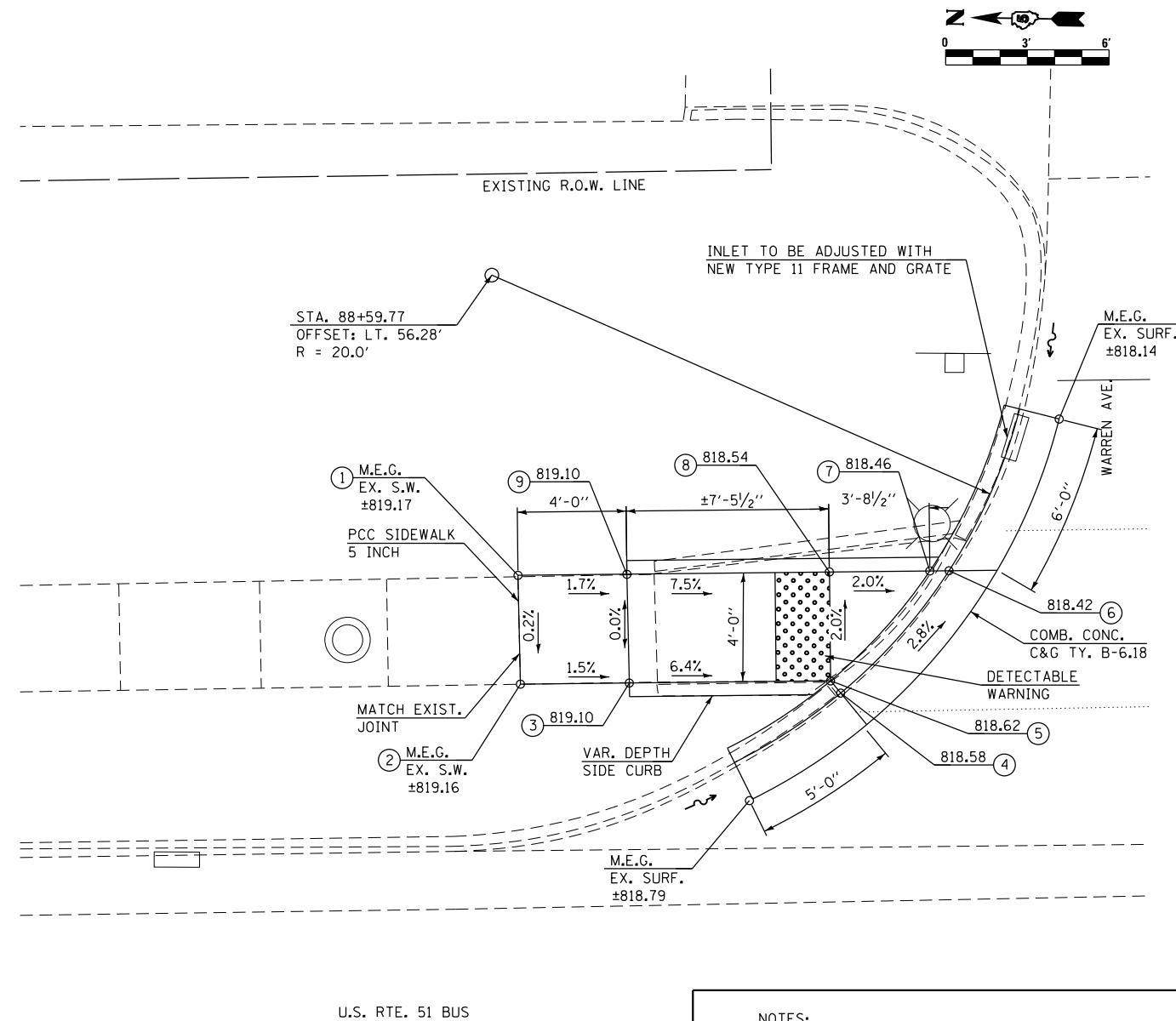
SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	11
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #5 N.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & WARREN AVE.

LOCATION	STATION	OFFSET
1	88+60.57	LT 45.24
2	88+60.60	LT 41.24
3	88+64.60	LT 41.22
4	88+72.36	LT 40.73
5	88+71.99	LT 41.19
6	88+76.41	LT 45.17
7	88+75.70	LT 45.17
8	88+72.01	LT 45.19
9	88+64.57	LT 45.22

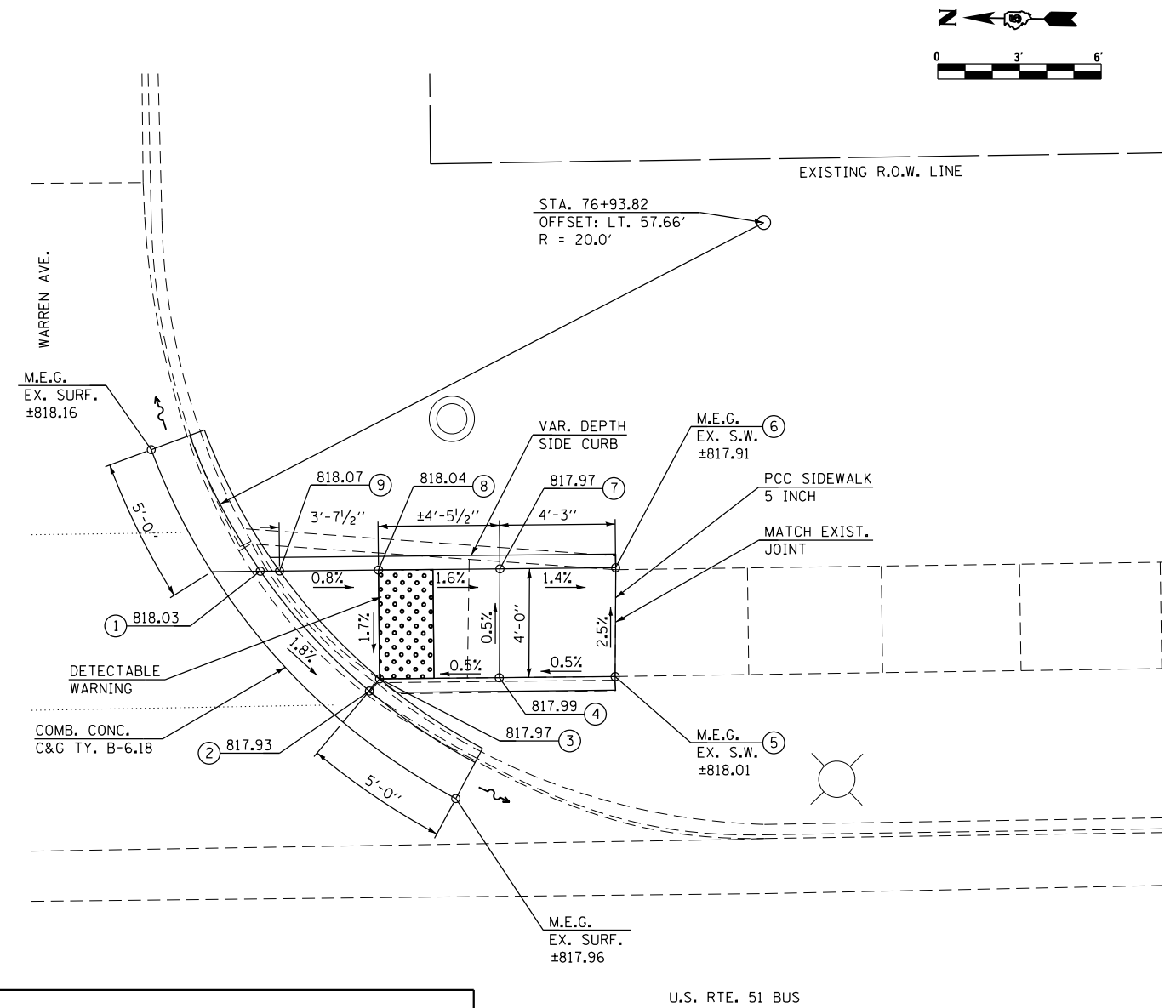
LOCATION #5 N.E. QUADRANT U.S. 51 (MAIN ST.) & WARREN AVE.



LOCATION #6 S.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & WARREN AVE.

LOCATION	STATION	OFFSET
1	89+13.62	LT 45.13
2	89+17.56	LT 40.66
3	89+17.95	LT 41.10
4	89+22.34	LT 41.08
5	89+26.60	LT 41.06
6	89+26.69	LT 45.06
7	89+22.43	LT 45.08
8	89+17.97	LT 45.10
9	89+14.33	LT 45.12

LOCATION #6 S.E. QUADRANT U.S. 51 (MAIN ST.) & WARREN AVE.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FILE NAME = F:\Projects\16-060-1\DRAWINGS\CADD_sheets\0570A46-hrt-sidewalk_ramp_loc_5-6.dwg

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm
DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -
PLOT SCALE = 6.0000' / 1" =
PLOT DATE = 3/2/2017

DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -
REVISOR -
REVISION -
REVISOR -
REVISION -
REVISOR -
REVISION -

DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -
REVISOR -
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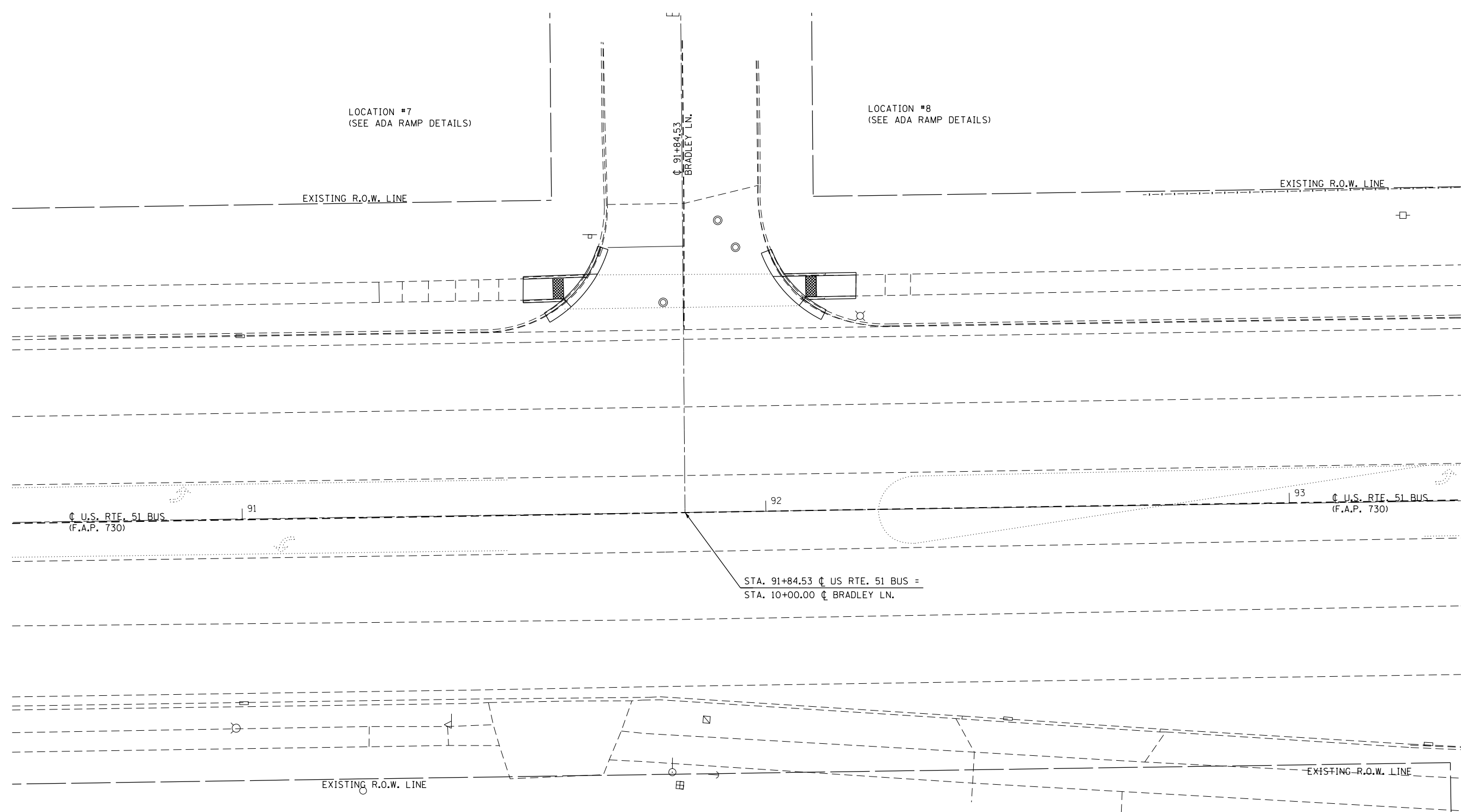
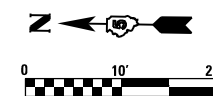
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & WARREN AVE.
LOCATIONS 5 & 6 RAMP DETAILS**

SCALE: 1"=3'

SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	12
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\DOT PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-Int-Intersec-Bradley.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jim	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISED -	
CHECKED - JAH	REVISED -	
DATE -	REVISED -	
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/2/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND BRADLEY LN.
 INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	13
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

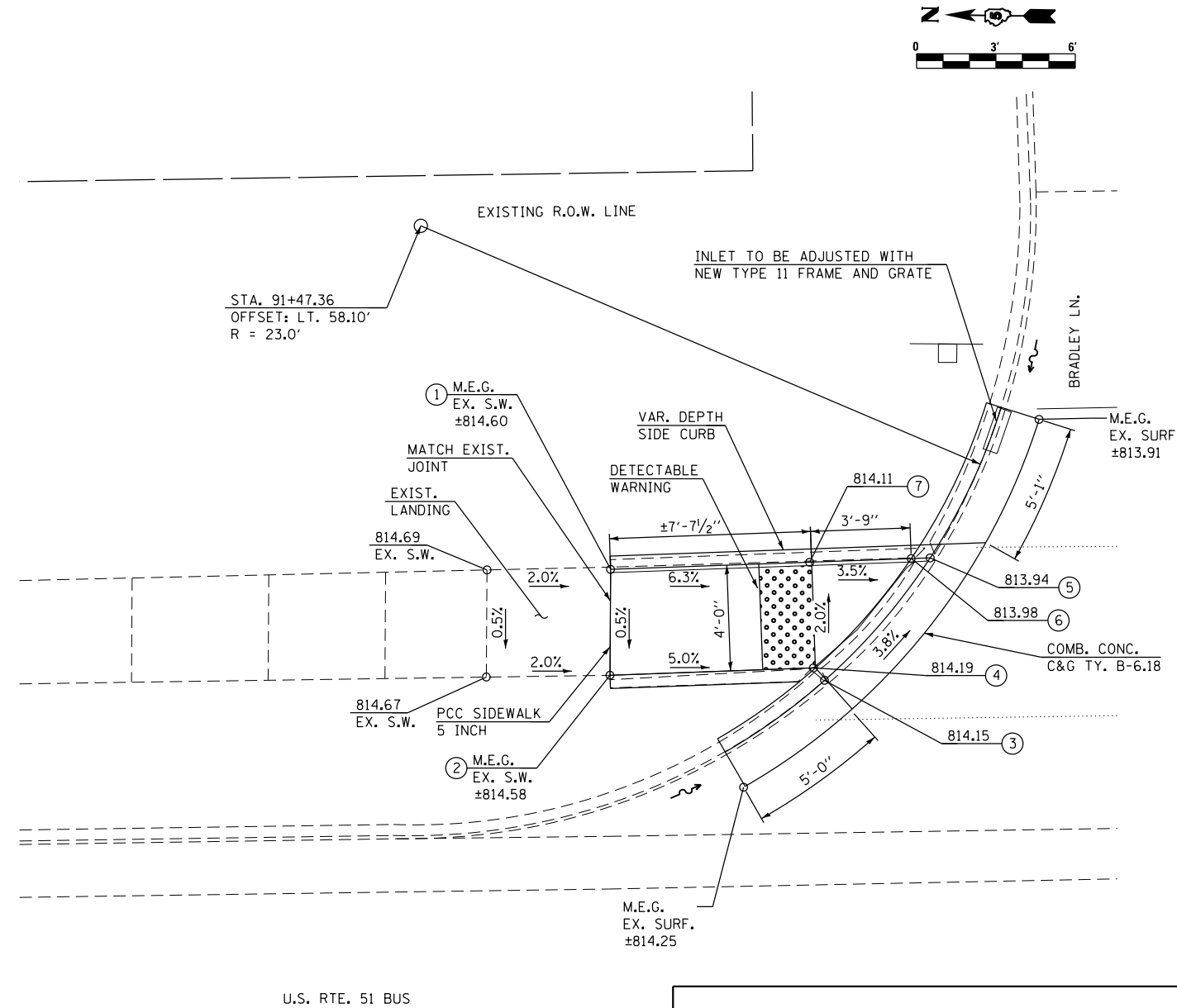
LOCATION #7 N.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & BRADLEY LN.

LOCATION	STATION	OFFSET
1	91+54.34	LT 45.00
2	91+54.25	LT 41.00
3	91+62.41	LT 40.72
4	91+62.03	LT 41.16
5	91+66.43	LT 45.25
6	91+65.71	LT 45.24
7	91+61.95	LT 45.16

LOCATION #7

N.E. QUADRANT

U.S. 51 (MAIN ST.) & BRADLEY LN.



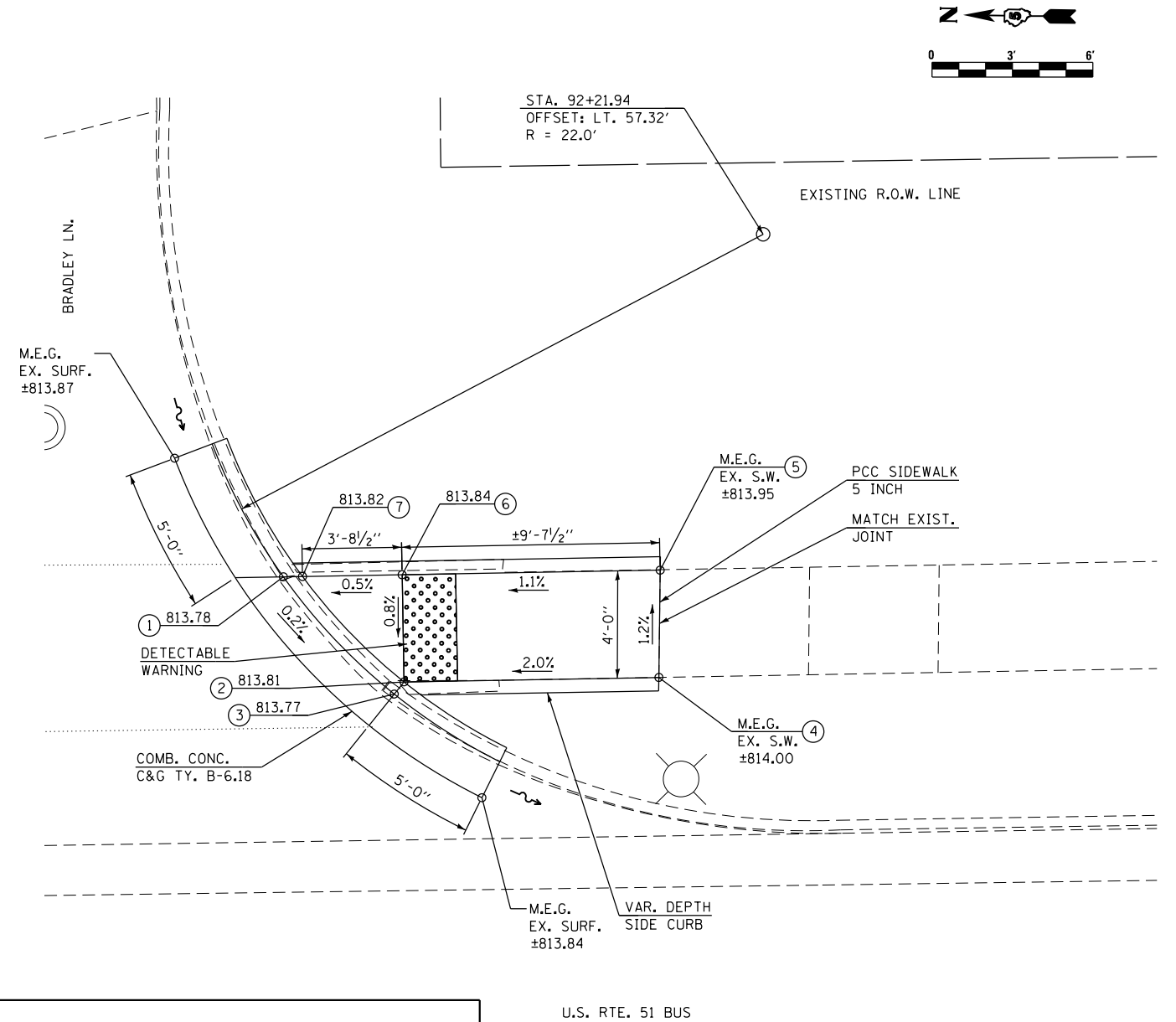
LOCATION #8 S.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & BRADLEY LN.

LOCATION	STATION	OFFSET
1	92+03.84	LT 44.81
2	92+08.29	LT 40.82
3	92+07.91	LT 40.37
4	92+17.80	LT 40.84
5	92+17.91	LT 44.85
6	92+08.27	LT 44.82
7	92+04.55	LT 44.81

LOCATION #8

S.E. QUADRANT

U.S. 51 (MAIN ST.) & BRADLEY LN.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

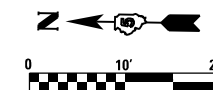
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PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

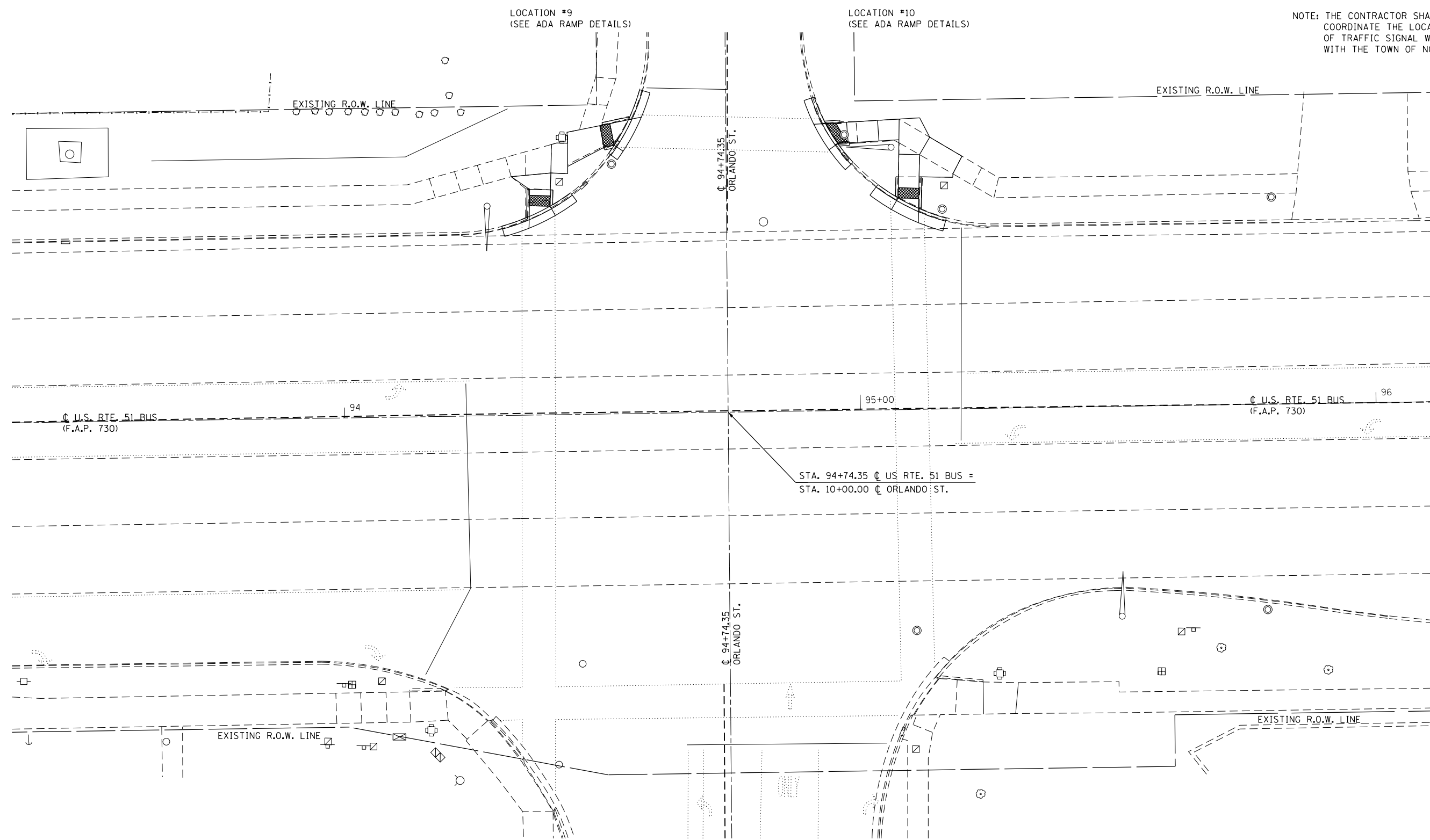
U.S. 51 (MAIN ST.) & BRADLEY LN.
LOCATIONS 7 & 8 RAMP DETAILS

SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	14
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



NOTE: THE CONTRACTOR SHALL COORDINATE THE LOCATION OF TRAFFIC SIGNAL WIRING WITH THE TOWN OF NORMAL.



STA. 94+74.35 ∇ US RTE. 51 BUS =
STA. 10+00.00 ∇ ORLANDO ST.

FILE NAME = F:\Projects\16-060-1\DRAWINGS\CADD_sheets\0570A46-ht-intersec-ORLANDO.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = User1	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISOR -	REVISED -
CHECKED - JAH	REVISOR -	REVISED -
DATE -	REVISOR -	REVISED -
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/15/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND ORLANDO ST.
INTERSECTION PLAN**

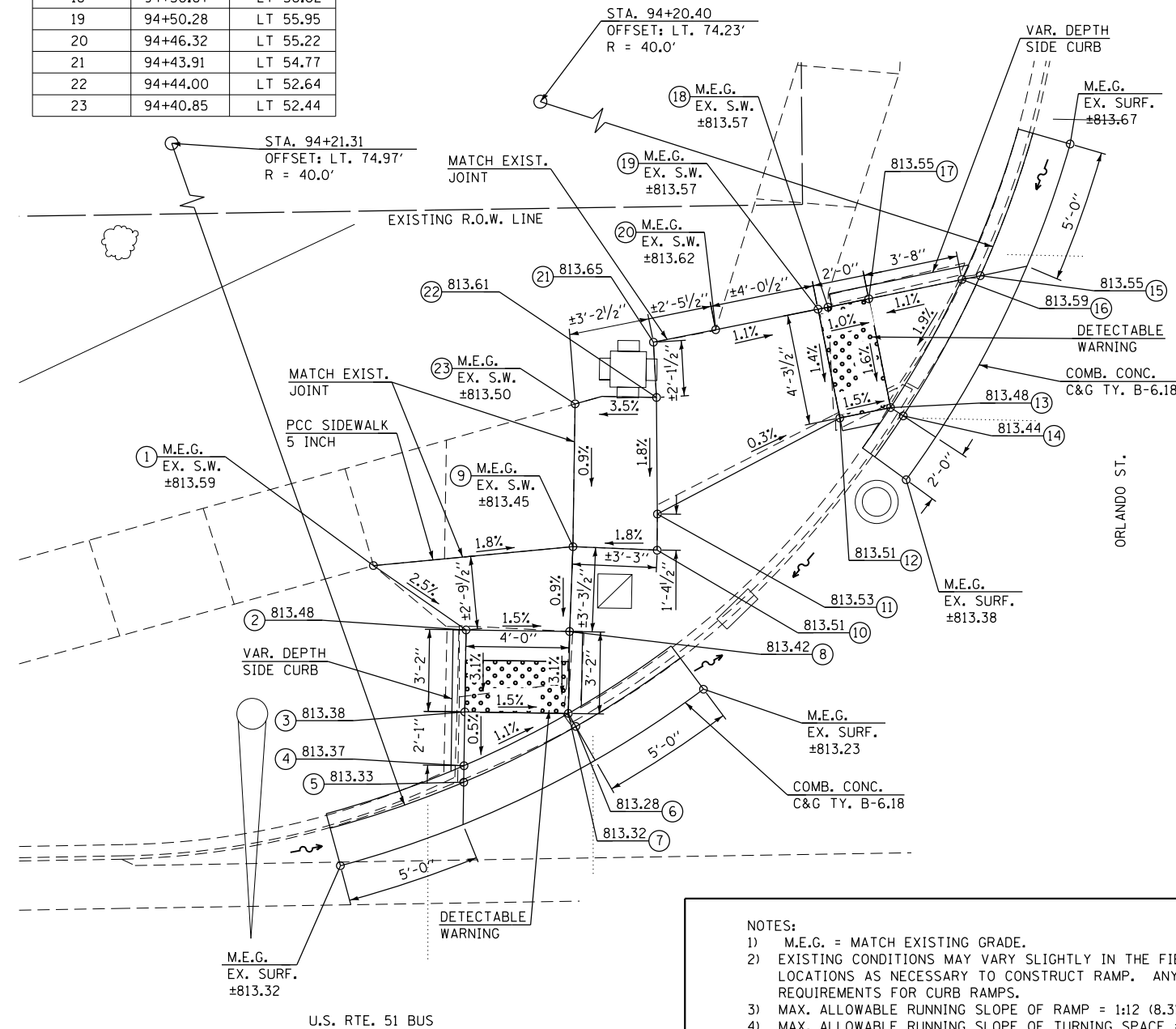
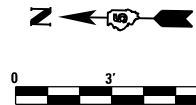
SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	15
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #9 N.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & ORLANDO ST.

LOCATION	STATION	OFFSET
1	94+32.97	LT 46.31
2	94+36.51	LT 43.77
3	94+36.41	LT 40.61
4	94+36.35	LT 38.53
5	94+36.33	LT 37.89
6	94+40.69	LT 39.98
7	94+40.41	LT 40.49
8	94+40.50	LT 43.65
9	94+40.68	LT 46.93
10	94+43.93	LT 46.74
11	94+43.96	LT 48.14
12	94+51.06	LT 51.74
13	94+53.03	LT 52.11
14	94+53.51	LT 51.79
15	94+56.57	LT 57.15
16	94+55.86	LT 57.01
17	94+52.25	LT 56.32
18	94+50.67	LT 56.02
19	94+50.28	LT 55.95
20	94+46.32	LT 55.22
21	94+43.91	LT 54.77
22	94+44.00	LT 52.64
23	94+40.85	LT 52.44

LOCATION #9 N.E. QUADRANT U.S. 51 (MAIN ST.) & ORLANDO ST.

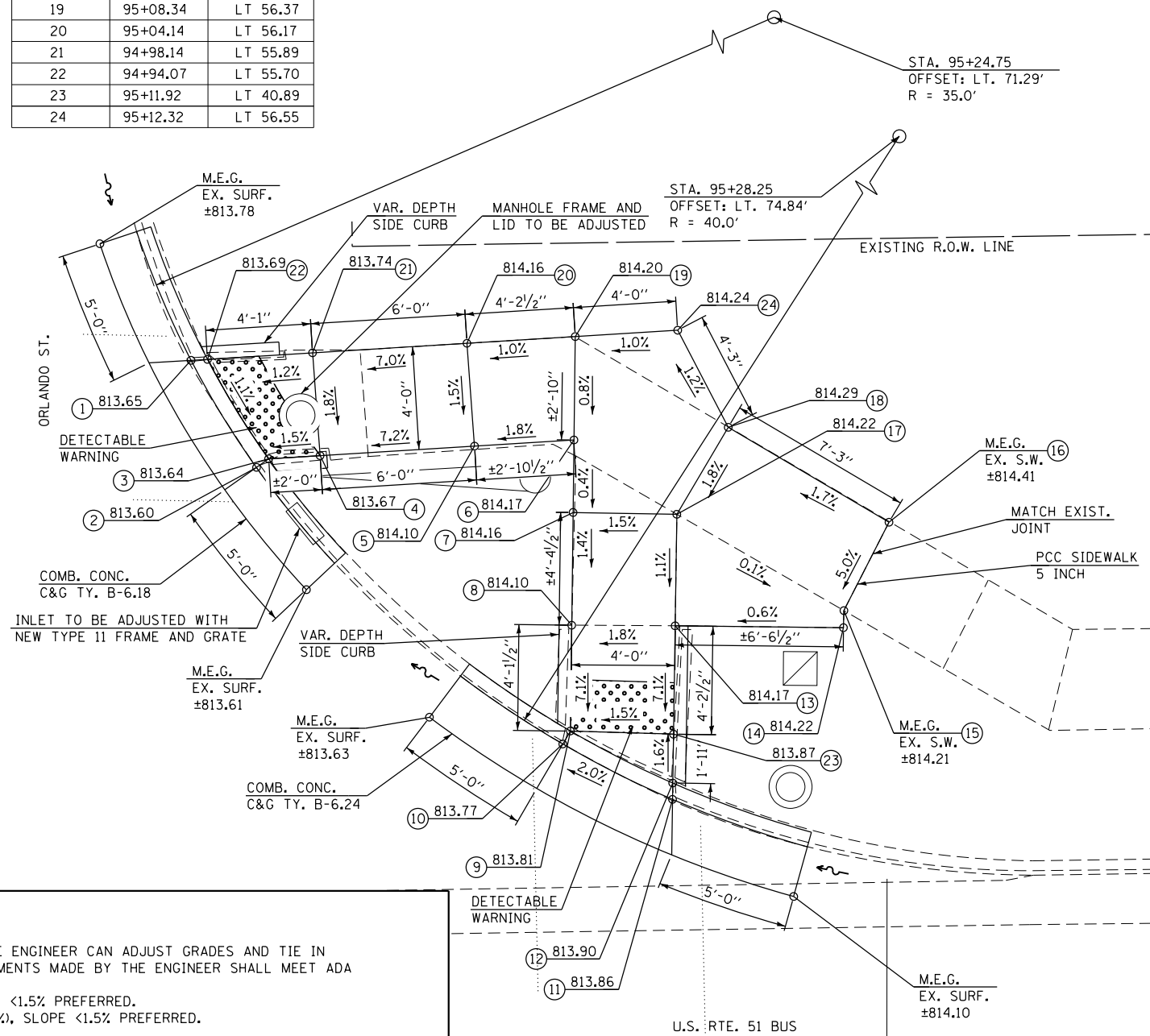
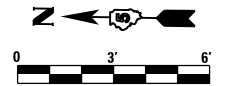


- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

LOCATION #10 S.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & ORLANDO ST.

LOCATION	STATION	OFFSET
1	94+93.43	LT 55.67
2	94+95.90	LT 51.47
3	94+96.38	LT 51.80
4	94+98.38	LT 51.90
5	95+04.37	LT 52.18
6	95+08.23	LT 52.36
7	95+08.16	LT 49.55
8	95+08.05	LT 45.17
9	95+07.93	LT 41.07
10	95+07.62	LT 40.57
11	95+11.85	LT 38.36
12	95+11.86	LT 38.99
13	95+12.05	LT 45.09
14	95+18.57	LT 44.92
15	95+18.60	LT 45.58
16	95+20.40	LT 48.99
17	95+12.18	LT 49.42
18	95+14.30	LT 52.73
19	95+08.34	LT 56.37
20	95+04.14	LT 56.17
21	94+98.14	LT 55.89
22	94+94.07	LT 55.70
23	95+11.92	LT 40.89
24	95+12.32	LT 56.55

LOCATION #10 S.E. QUADRANT U.S. 51 (MAIN ST.) & ORLANDO ST.



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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN NO. 184-002754

USER NAME = Jlm
DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -
PLOT SCALE = 6.0000' / 1" =
PLOT DATE = 3/2/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & ORLANDO ST.
LOCATIONS 9 & 10 RAMP DETAILS**

SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	16

CONTRACT NO. 70A46
ILLINOIS FED. AID PROJECT

LOCATION #11

NOT USED

LOCATION #12

NOT USED

NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
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- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

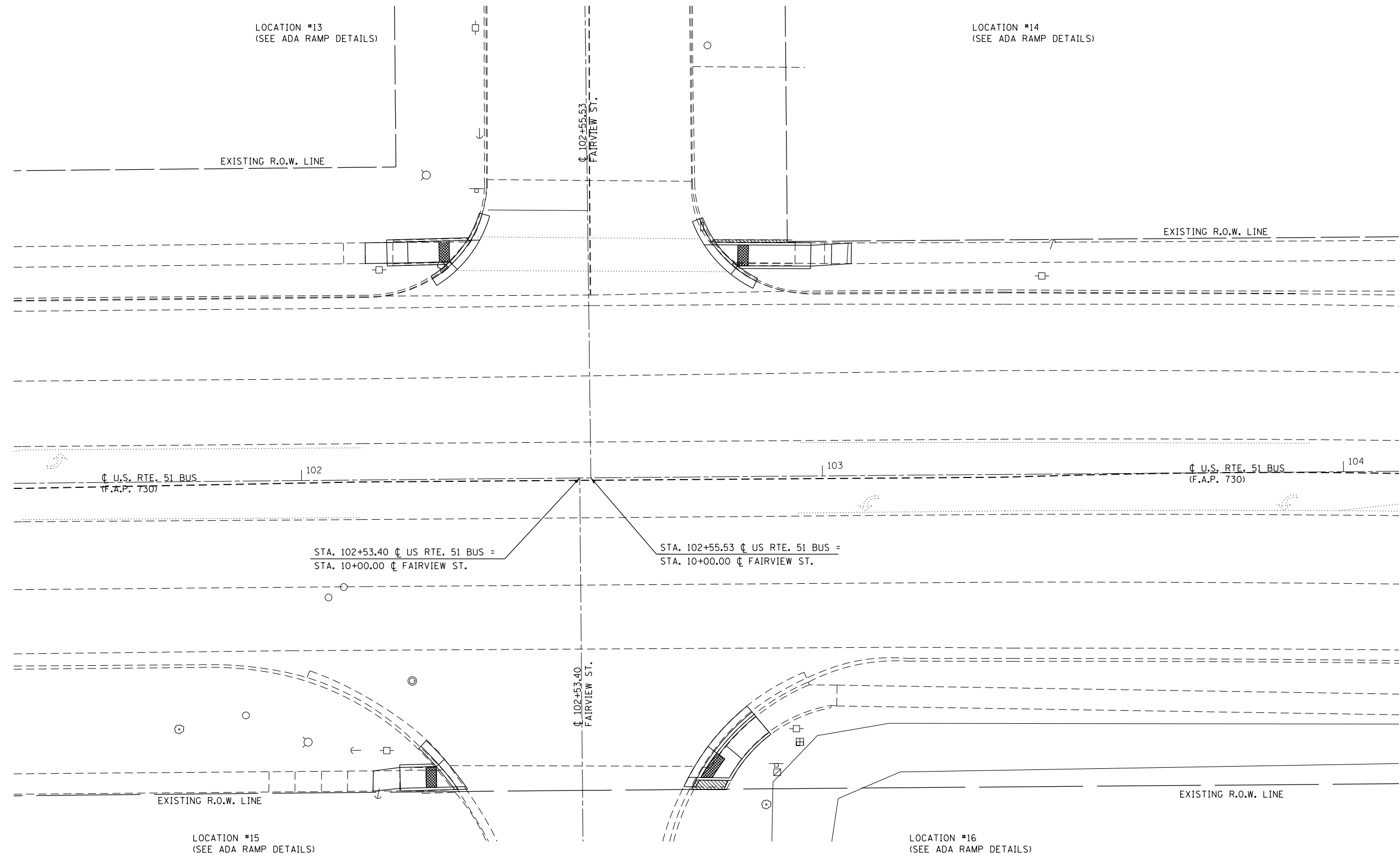
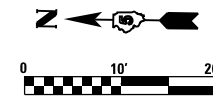
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PLOT DATE = 3/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & UNIVERSITY CENTER ENTRANCE
LOCATIONS 11 & 12 RAMP DETAILS**

SCALE: 1"=3' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	17
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\DOT PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-1st-intersec-fairview.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = J1m	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISOR -	REVISED -
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PLLOT DATE = 3/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND FAIRVIEW ST.
 INTERSECTION PLAN**

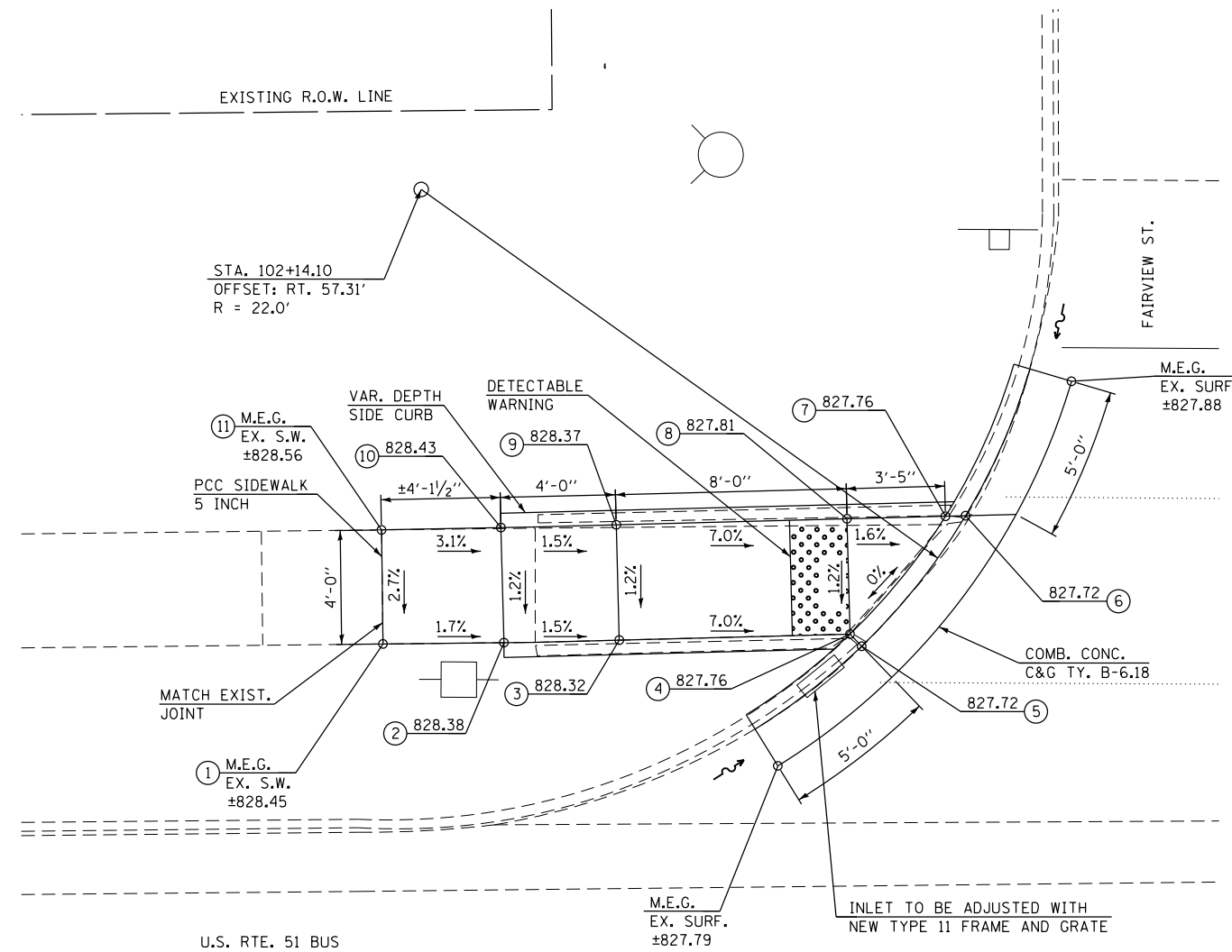
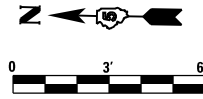
SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	18
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #13 N.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & FAIRVIEW ST.

LOCATION	STATION	OFFSET
1	102+12.63	LT 41.57
2	102+16.82	LT 41.58
3	102+20.82	LT 41.63
4	102+28.82	LT 41.76
5	102+29.22	LT 41.34
6	102+32.86	LT 45.83
7	102+32.16	LT 45.82
8	102+28.75	LT 45.76
9	102+20.76	LT 45.63
10	102+16.76	LT 45.57
11	102+12.62	LT 45.52

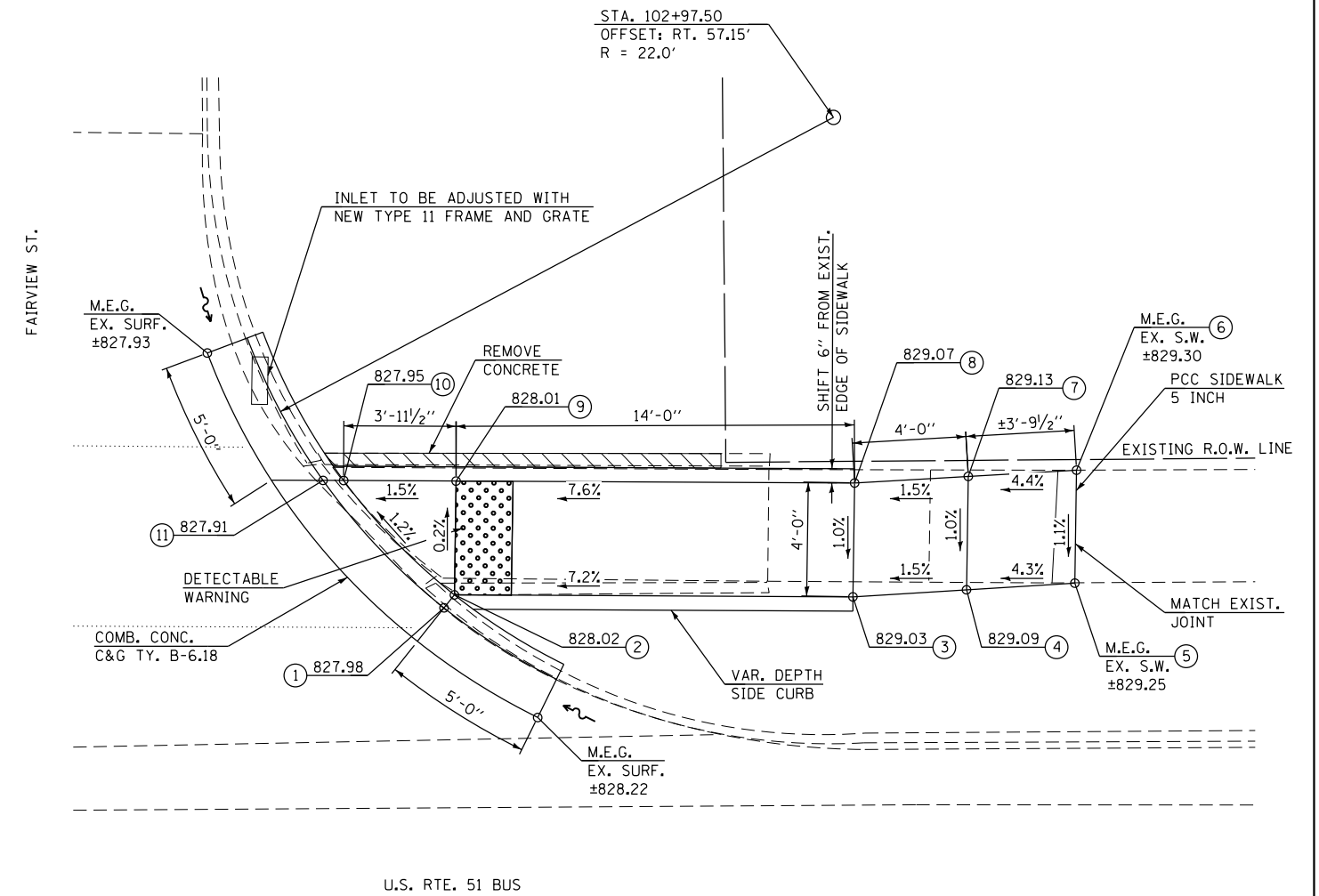
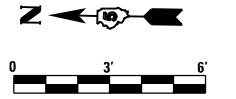
LOCATION #13 N.E. QUADRANT U.S. 51 (MAIN ST.) & FAIRVIEW ST.



LOCATION #14 S.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & FAIRVIEW ST.

LOCATION	STATION	OFFSET
1	102+83.68	LT 40.04
2	102+84.05	LT 40.49
3	102+98.04	LT 40.31
4	103+02.03	LT 40.52
5	103+05.84	LT 40.72
6	103+05.93	LT 44.69
7	103+02.13	LT 44.50
8	102+98.14	LT 44.31
9	102+84.15	LT 44.49
10	102+80.20	LT 44.54
11	102+79.48	LT 44.55

LOCATION #14 S.E. QUADRANT U.S. 51 (MAIN ST.) & FAIRVIEW ST.



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

CONCRETE REMOVAL

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm
DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -
PLOT SCALE = 6.0000' / 1" / in.
PLOT DATE = 3/2/2017

DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & FAIRVIEW ST.
LOCATIONS 13 & 14 RAMP DETAILS**

SCALE: 1"=3'

SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	19
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

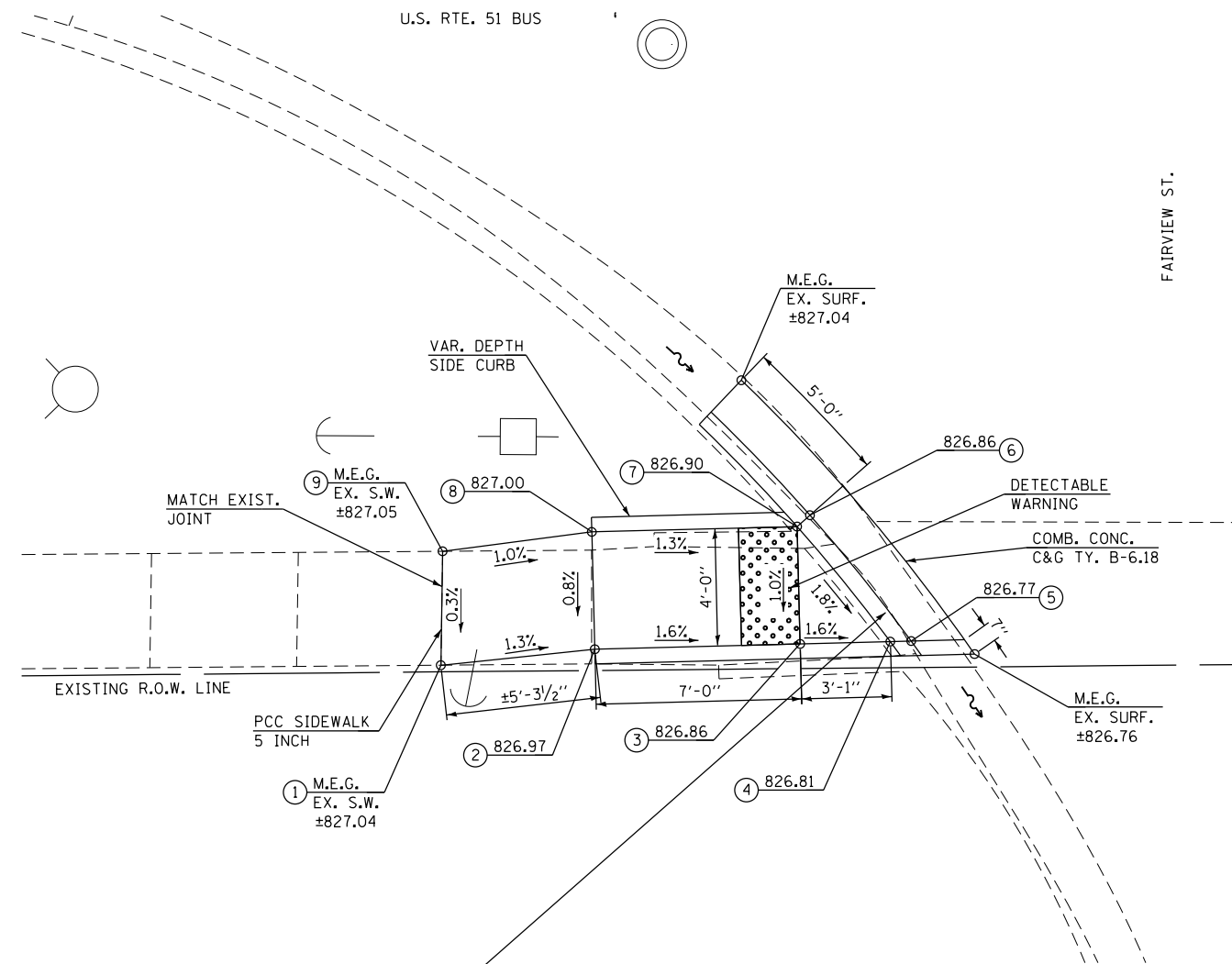
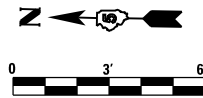
LOCATION #15 N.W. QUADRANT
U.S. RTE. 51 (MAIN ST.) & FAIRVIEW ST.

LOCATION	STATION	OFFSET
1	102+13.16	RT 59.77
2	102+18.41	RT 59.28
3	102+25.42	RT 59.16
4	102+28.49	RT 59.11
5	102+29.21	RT 59.10
6	102+25.79	RT 54.78
7	102+25.35	RT 55.16
8	102+18.35	RT 55.28
9	102+13.25	RT 55.89

LOCATION #15

N.W. QUADRANT

U.S. 51 (MAIN ST.) & FAIRVIEW ST.



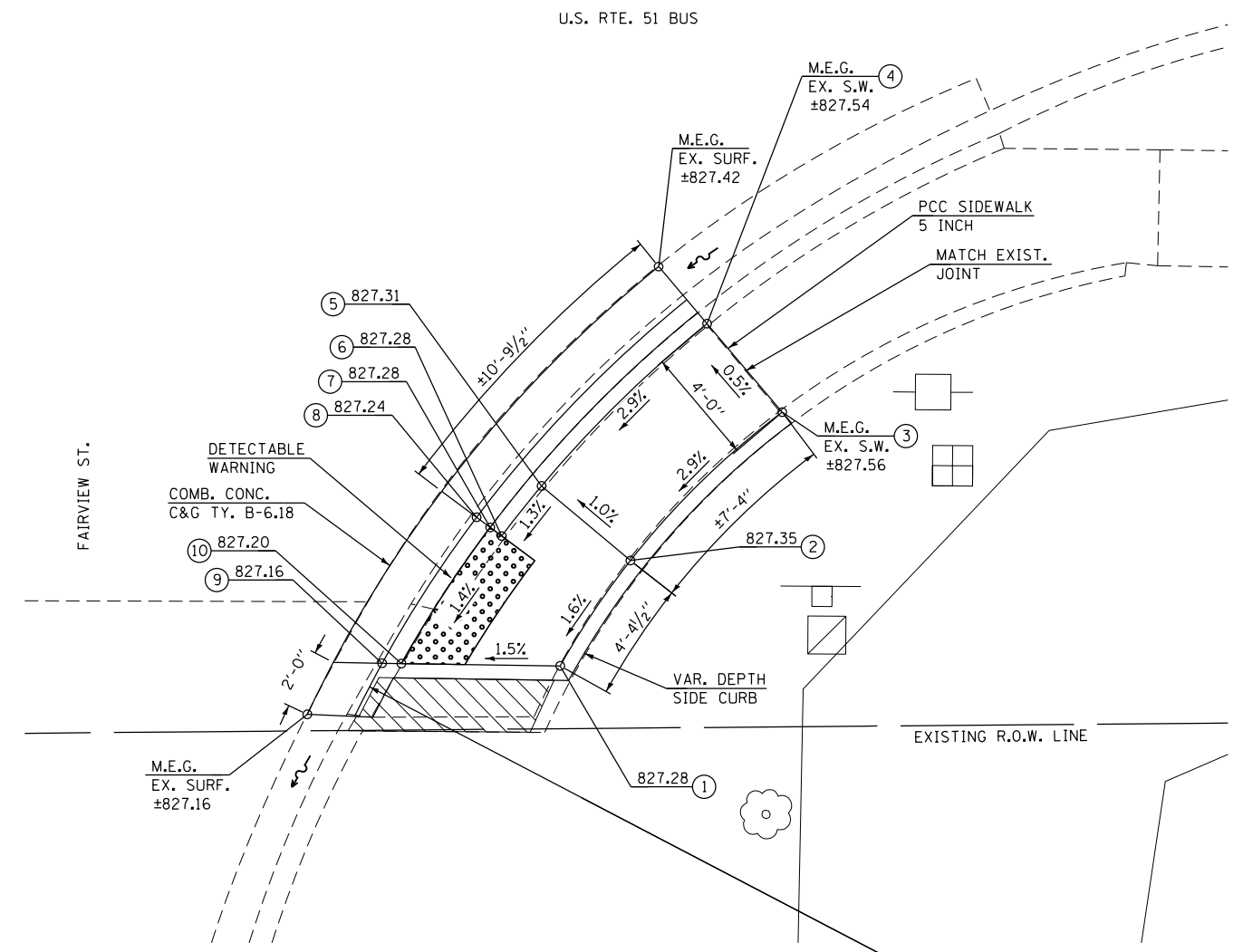
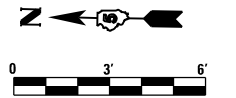
LOCATION #16 S.W. QUADRANT
U.S. RTE. 51 (MAIN ST.) & FAIRVIEW ST.

LOCATION	STATION	OFFSET
1	102+81.63	RT 57.83
2	102+84.08	RT 54.22
3	102+89.37	RT 49.14
4	102+86.80	RT 46.07
5	102+81.04	RT 51.62
6	102+79.65	RT 53.34
7	102+79.25	RT 53.03
8	102+78.79	RT 52.68
9	102+75.48	RT 57.69
10	102+76.14	RT 57.70

LOCATION #16

S.W. QUADRANT

U.S. 51 (MAIN ST.) & FAIRVIEW ST.



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
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 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

CONCRETE REMOVAL

STA. 101+80.42
OFFSET: RT. 94.08'
R = 60.0'

STA. 103+12.56
OFFSET: RT. 78.51'
R = 42.5'

FILE NAME = F:\Projects\106-060-1\DRAWINGS\CADD_sheets\0570446-hrt-sidewalk_ramp_loc_15-16.dgn

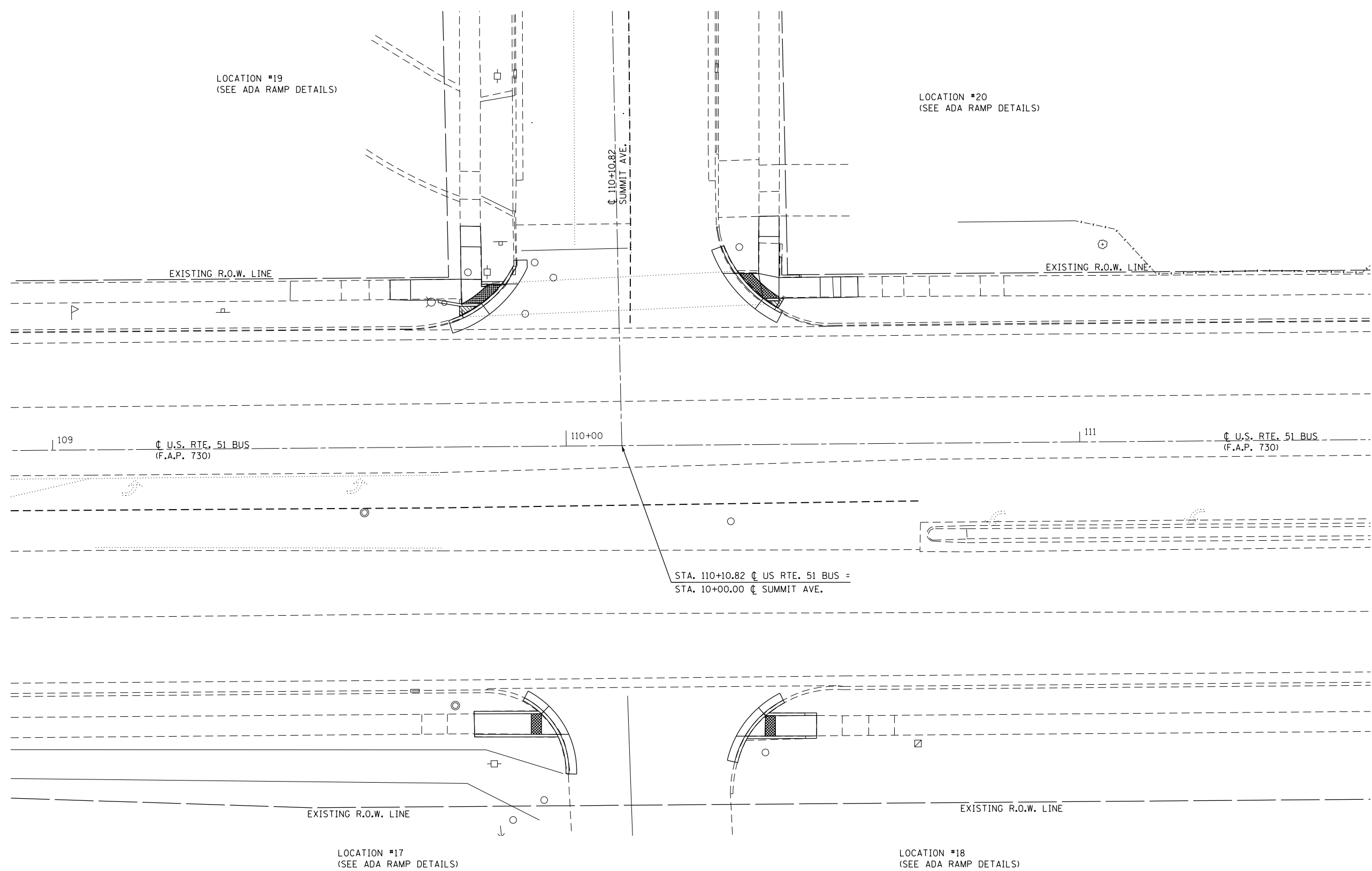
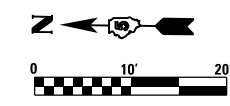
McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

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PLOT SCALE = 6.0000' / in.	DRAWN - JLM	REVISED -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 51 (MAIN ST.) & FAIRVIEW ST.	
LOCATIONS 15 & 16 RAMP DETAILS	
SCALE: 1"=3'	SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	20
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\DOT PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-intersec-SUMMIT.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jim	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISIONS -	
CHECKED - JAH	REVISIONS -	
DATE -	REVISIONS -	
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/2/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND SUMMIT AVE.
 INTERSECTION PLAN**

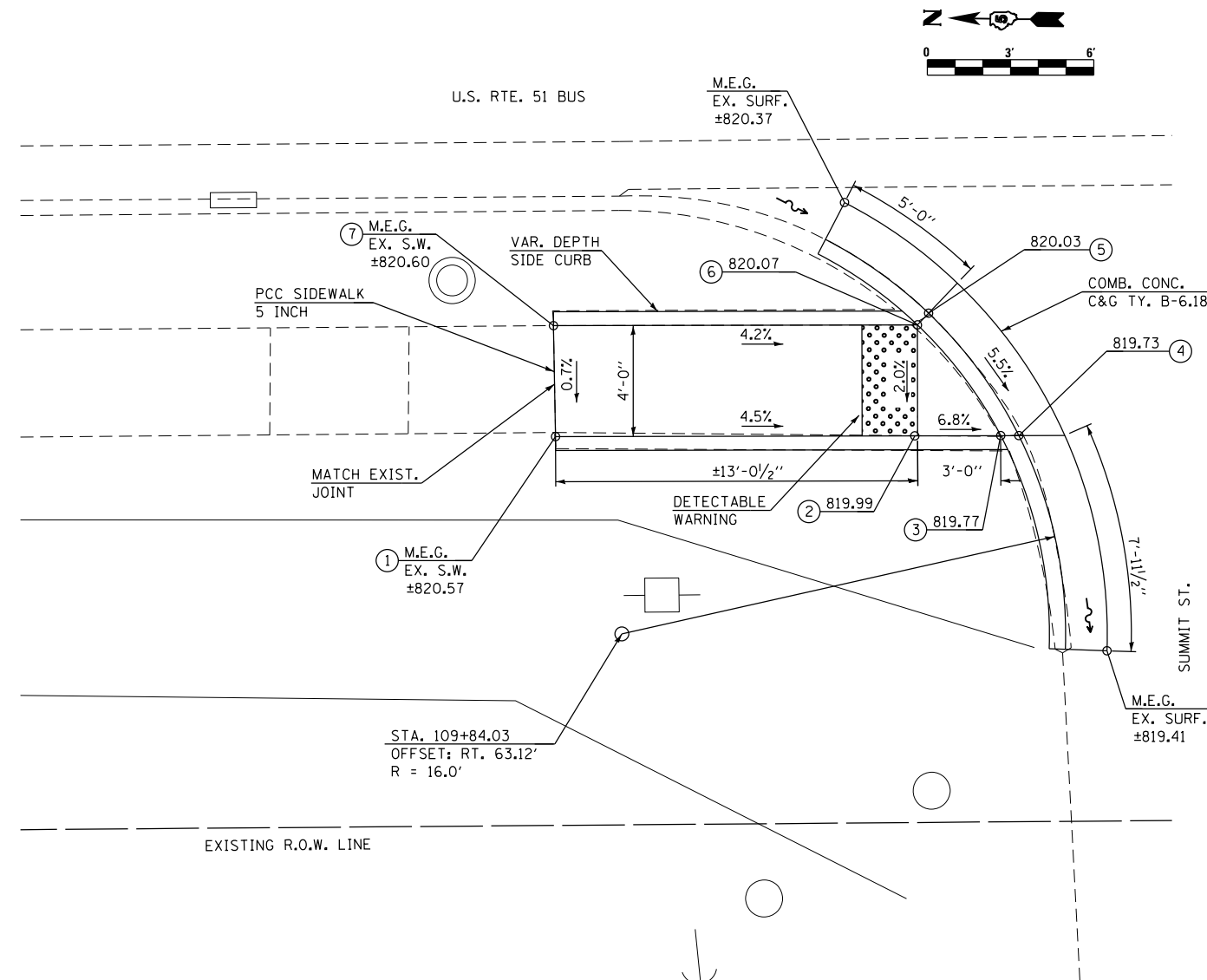
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	21
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #17 N.W. QUADRANT
U.S. RTE. 51 (MAIN ST.) & SUMMIT ST.

LOCATION	STATION	OFFSET
1	109+81.70	RT 55.98
2	109+94.75	RT 56.06
3	109+97.74	RT 56.08
4	109+98.40	RT 56.08
5	109+95.18	RT 51.64
6	109+94.77	RT 52.06
7	109+81.65	RT 51.98

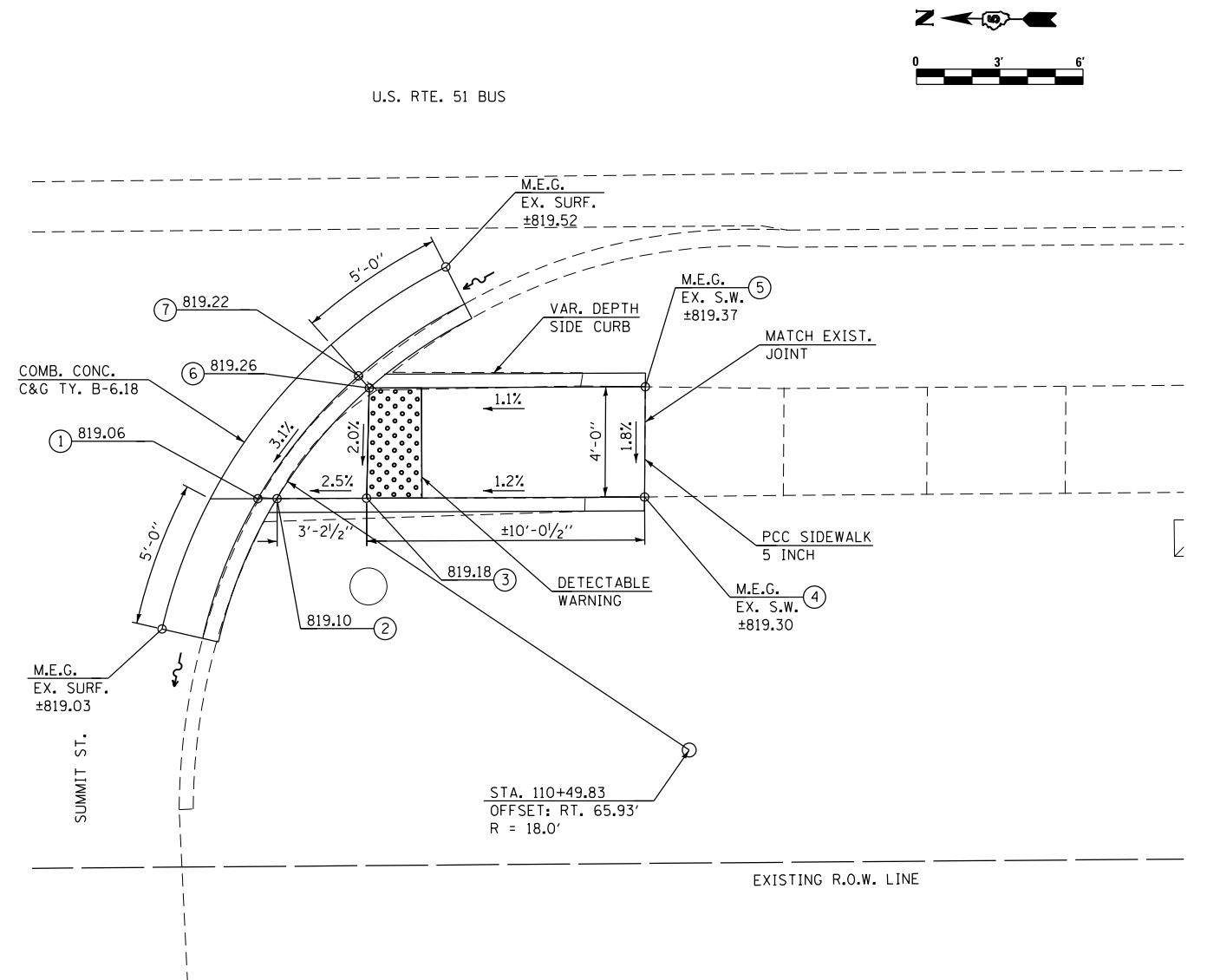
LOCATION #17 N.W. QUADRANT U.S. 51 (MAIN ST.) & SUMMIT ST.



LOCATION #18 S.W. QUADRANT
U.S. RTE. 51 (MAIN ST.) & SUMMIT ST.

LOCATION	STATION	OFFSET
1	110+34.35	RT 56.74
2	110+35.03	RT 56.74
3	110+38.27	RT 56.76
4	110+48.29	RT 56.79
5	110+48.35	RT 52.82
6	110+38.40	RT 52.79
7	110+38.02	RT 52.35

LOCATION #18 S.W. QUADRANT U.S. 51 (MAIN ST.) & SUMMIT ST.



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
PLOT SCALE = 6.0000' / 1\"/>		

DRAWN - JLM	REVISED -
CHECKED - JAH	REVISED -
DATE -	REVISED -

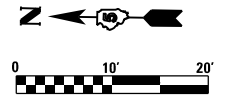
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & SUMMIT ST.
LOCATIONS 17 & 18 RAMP DETAILS**

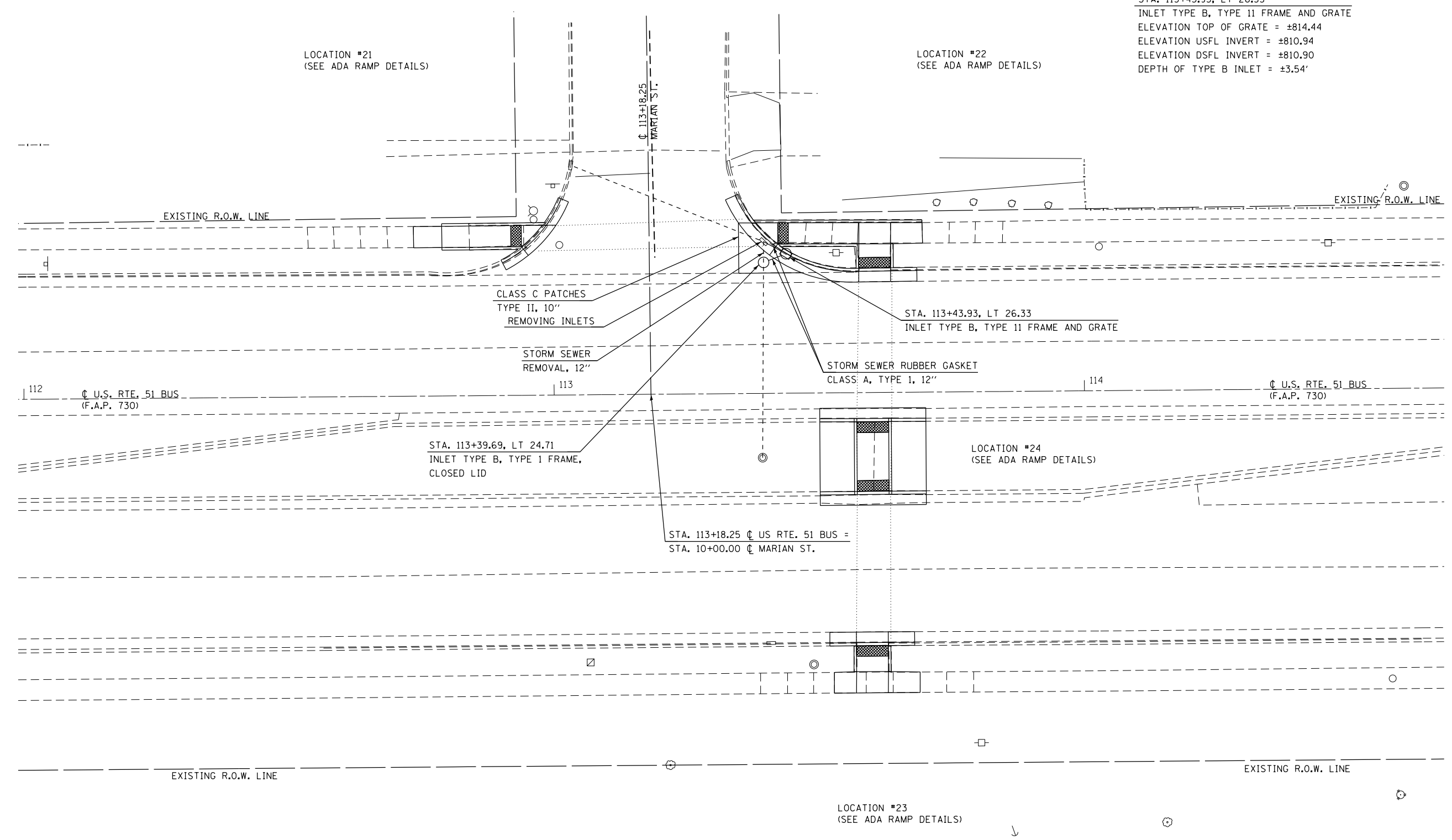
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	22
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

STA. 113+39.69, LT 24.71
 INLET TYPE B, TYPE 1 FRAME, CLOSED LID
 ELEVATION TOP OF GRATE = ±814.70
 ELEVATION USFL INVERT = ±810.87
 ELEVATION DSFL INVERT = ±810.84
 DEPTH OF TYPE A INLET = ±3.86'



STA. 113+43.93, LT 26.33
 INLET TYPE B, TYPE 11 FRAME AND GRATE
 ELEVATION TOP OF GRATE = ±814.44
 ELEVATION USFL INVERT = ±810.94
 ELEVATION DSFL INVERT = ±810.90
 DEPTH OF TYPE B INLET = ±3.54'



FILE NAME = F:\Projects\DOT PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-intersec-MARIAN.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISIONS -	
PLOT SCALE = 20.0000' / in.	CHECKED - JAH	REVISED -
PLOT DATE = 3/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND MARIAN ST.
 INTERSECTION PLAN**

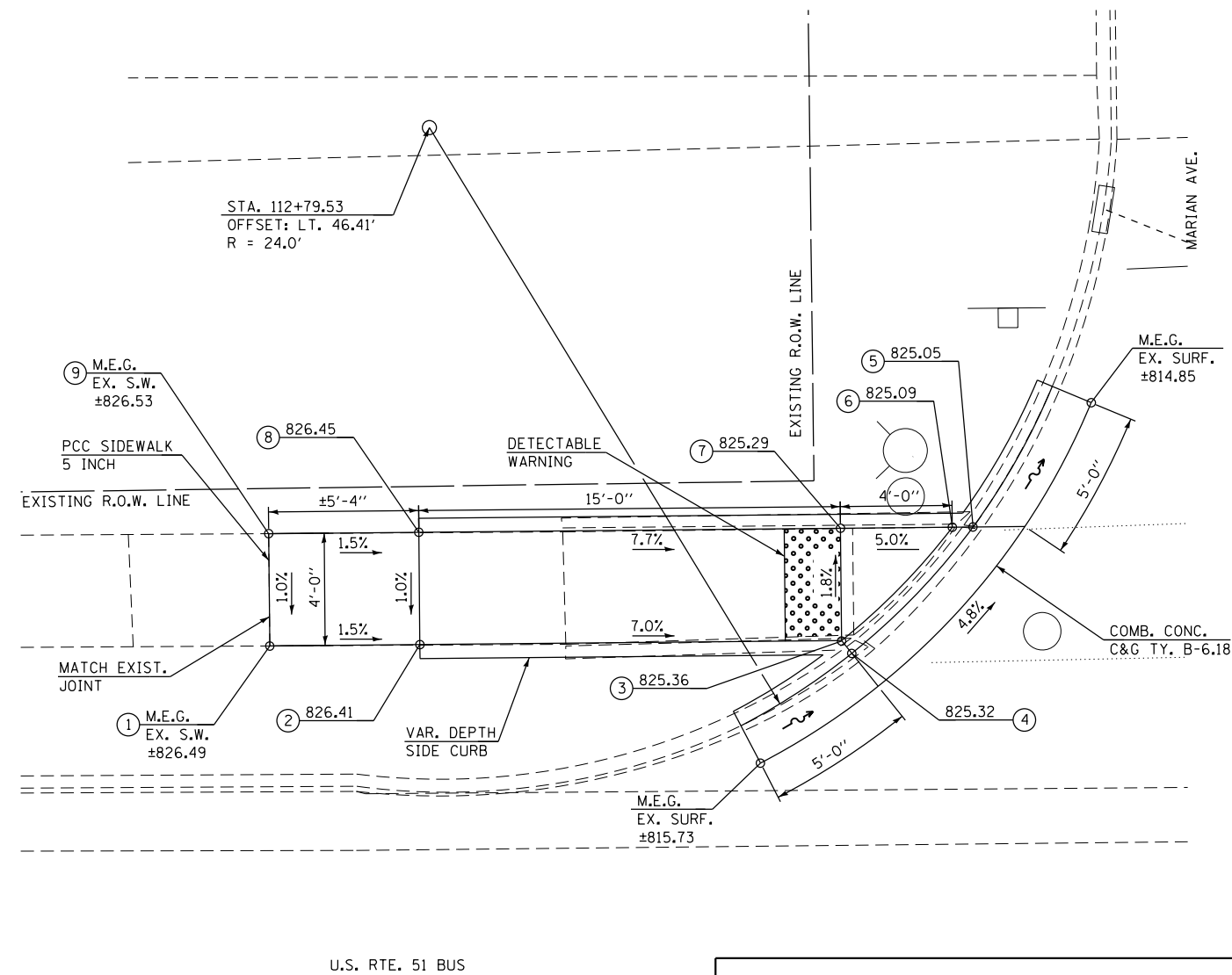
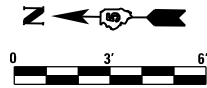
SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	24
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #21 N.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & MARIAN AVE.

LOCATION	STATION	OFFSET
1	112+73.70	LT 28.01
2	112+79.04	LT 28.01
3	112+94.04	LT 28.04
4	112+94.40	LT 27.58
5	112+98.75	LT 32.04
6	112+98.02	LT 32.04
7	112+94.04	LT 32.04
8	112+79.04	LT 32.01
9	112+73.70	LT 32.01

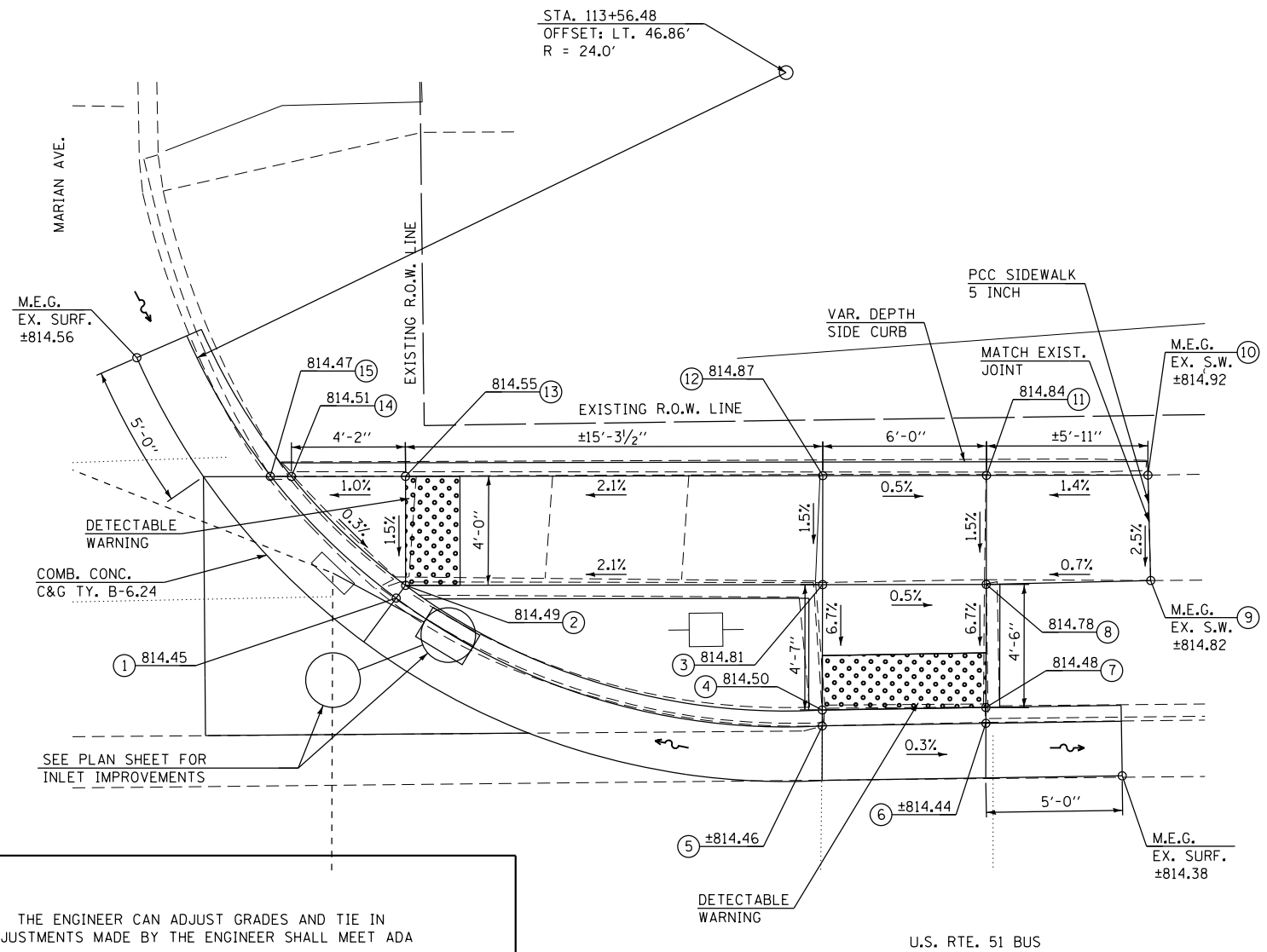
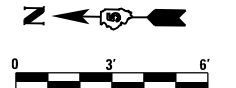
LOCATION #21 N.E. QUADRANT U.S. 51 (MAIN ST.) & MARIAN AVE.



LOCATION #22 S.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & MARIAN AVE.

LOCATION	STATION	OFFSET
1	113+42.03	LT 27.70
2	113+42.38	LT 28.16
3	113+57.67	LT 28.06
4	113+57.62	LT 23.47
5	113+57.61	LT 22.88
6	113+63.61	LT 22.93
7	113+63.62	LT 23.51
8	113+63.67	LT 28.03
9	113+69.70	LT 28.12
10	113+69.63	LT 31.99
11	113+63.71	LT 32.02
12	113+57.71	LT 32.06
13	113+42.41	LT 32.16
14	113+38.23	LT 32.19
15	113+37.48	LT 32.19

LOCATION #22 S.E. QUADRANT U.S. 51 (MAIN ST.) & MARIAN AVE.



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FILE NAME = F:\Projects\11001\PROJECTS\11001\DRAWINGS\CADD_sheets\0570446-hst-sidewalk_ramp_loc_21-22.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm
DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -
PLOT SCALE = 6.0000' / 1" =
PLOT DATE = 3/2/2017

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DATE -

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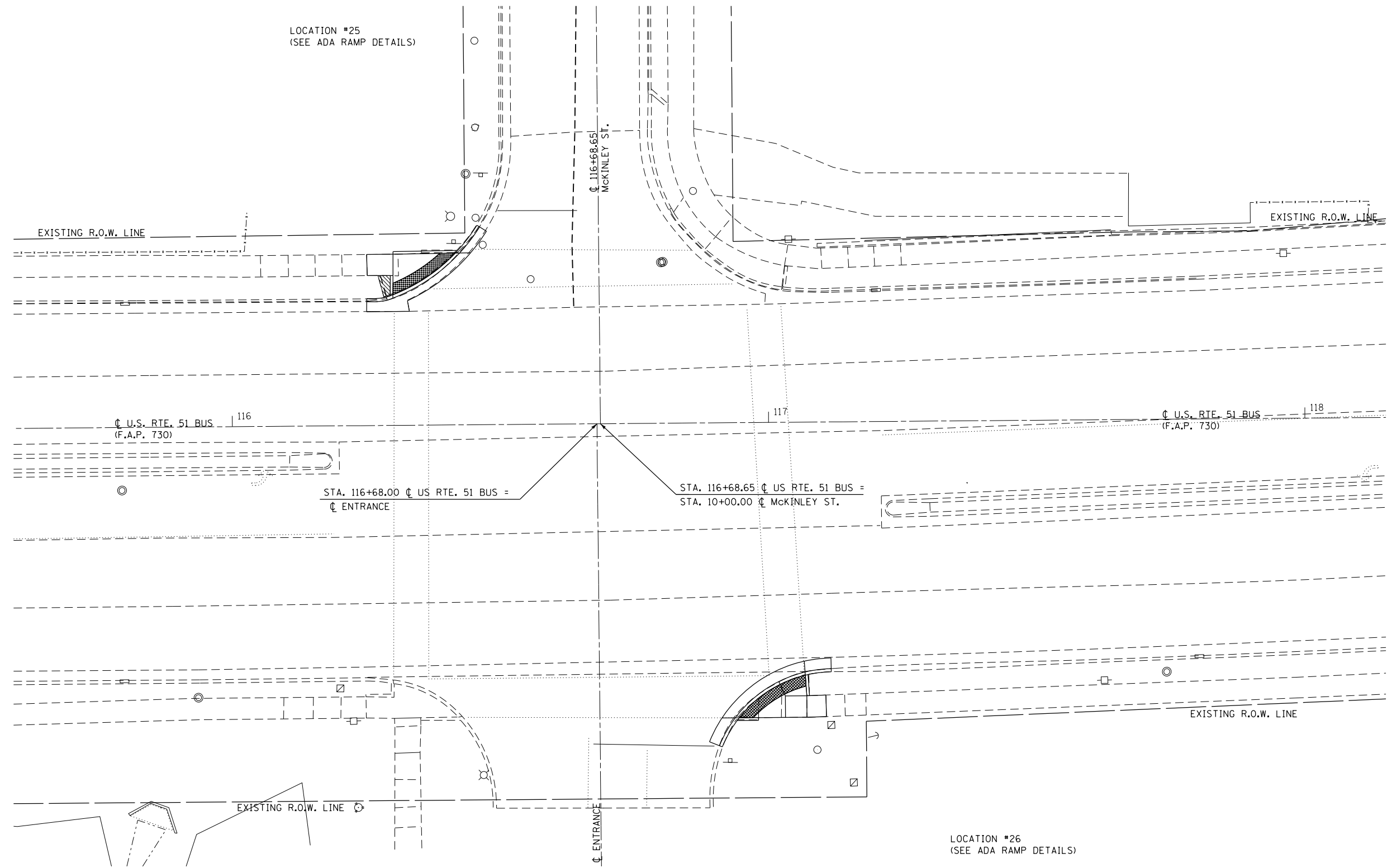
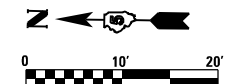
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & MARIAN AVE.
LOCATIONS 21 & 22 RAMP DETAILS**

SCALE: 1"=3' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	25

CONTRACT NO. 70A46
ILLINOIS FED. AID PROJECT



FILE NAME = F:\Projects\11001-PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570046-hst-intersec-mckinley.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = J1m	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISOR -	REVISED -
CHECKED - JAH	REVISOR -	REVISED -
DATE -	REVISOR -	REVISED -
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/2/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND MCKINLEY ST.
 INTERSECTION PLAN**

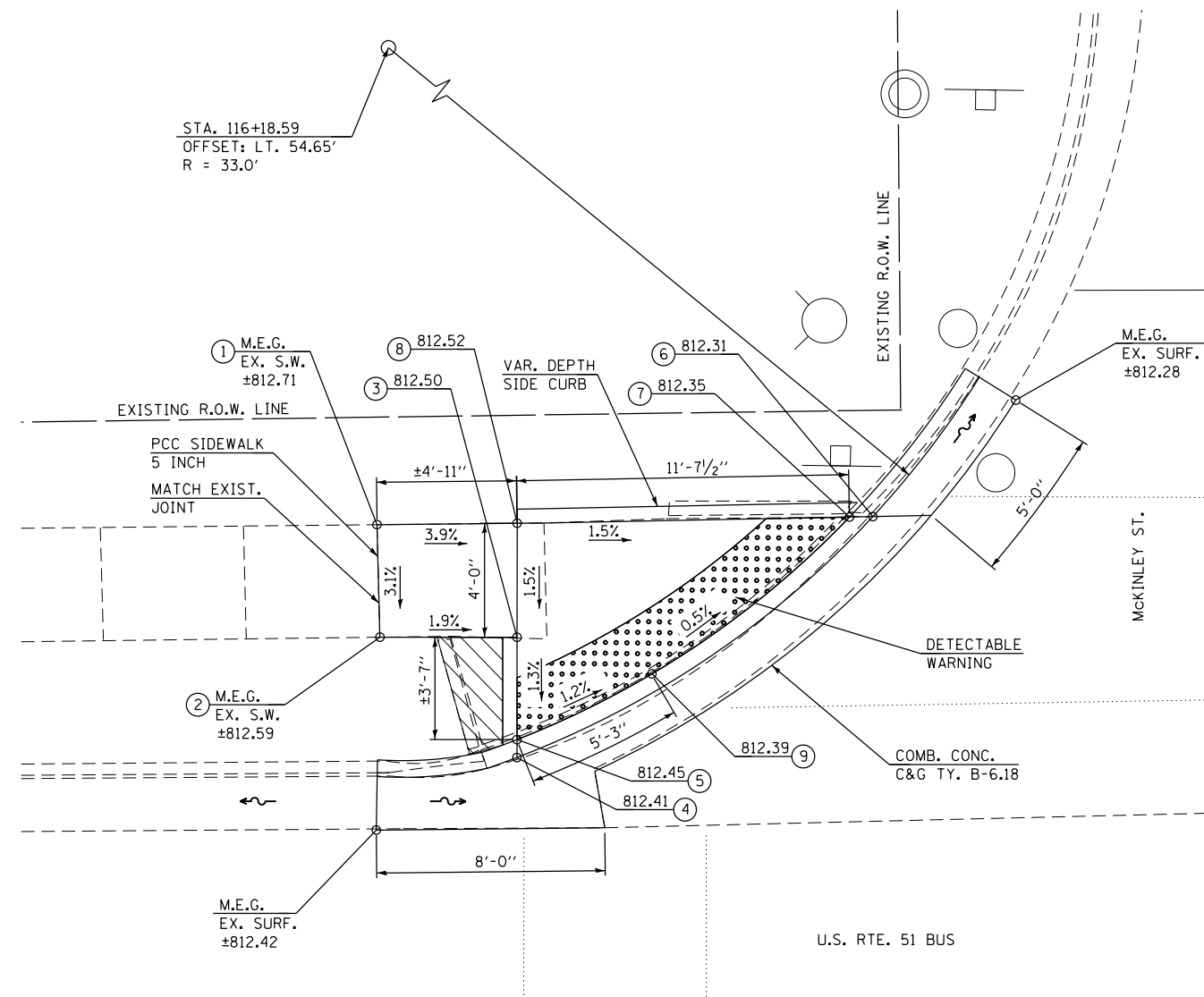
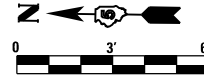
SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	27
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #25 N.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & MCKINLEY ST.

LOCATION	STATION	OFFSET
1	116+25.32	LT 31.92
2	116+25.39	LT 27.98
3	116+30.18	LT 27.94
4	116+30.14	LT 23.74
5	116+30.15	LT 24.36
6	116+42.65	LT 32.06
7	116+41.83	LT 32.05
8	116+30.22	LT 31.93
9	116+34.89	LT 26.63

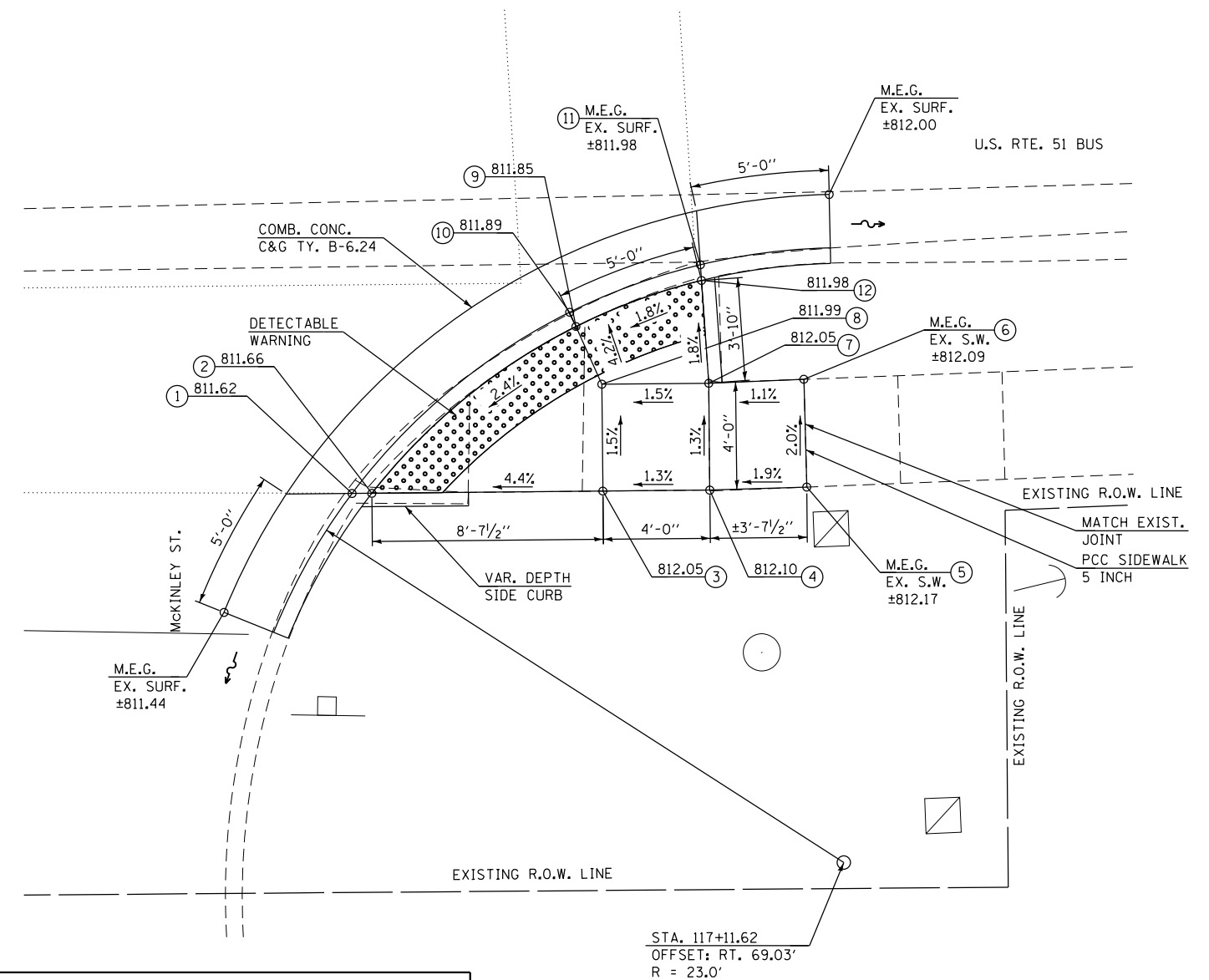
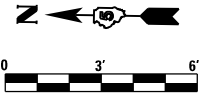
LOCATION #25 N.E. QUADRANT U.S. 51 (MAIN ST.) & MCKINLEY ST.



LOCATION #26 S.W. QUADRANT
U.S. RTE. 51 (MAIN ST.) & MCKINLEY ST.

LOCATION	STATION	OFFSET
1	116+93.34	RT 55.07
2	116+94.08	RT 55.07
3	117+02.72	RT 55.06
4	117+06.72	RT 55.05
5	117+10.35	RT 54.97
6	117+10.28	RT 50.93
7	117+06.72	RT 51.05
8	117+02.72	RT 51.06
9	117+01.77	RT 48.89
10	117+01.53	RT 48.36
11	117+06.44	RT 46.62
12	117+06.48	RT 47.22

LOCATION #26 S.W. QUADRANT U.S. 51 (MAIN ST.) & MCKINLEY ST.



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

CONCRETE REMOVAL

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

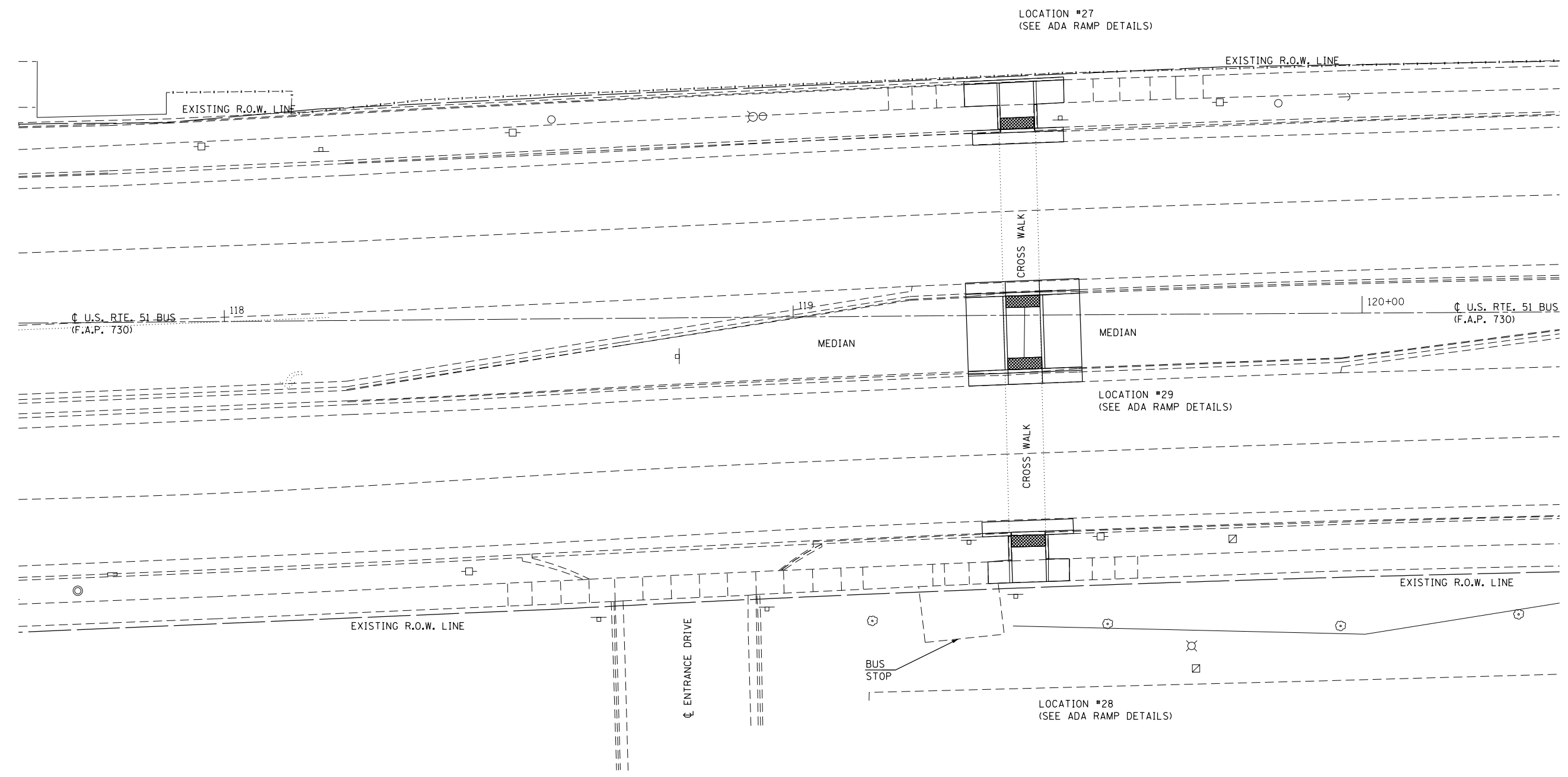
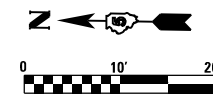
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PLOT DATE = 3/2/2017	CHECKED - JAH	REVISIONS
	DATE -	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & MCKINLEY ST.
LOCATIONS 25 & 26 RAMP DETAILS**

SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	28
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\DOT PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-intersec-BUS_STOP.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
	DRAWN - JLM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JAH	REVISED -
PLOT DATE = 3/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND MIDBLOCK BUS STOP
 INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. TO STA.

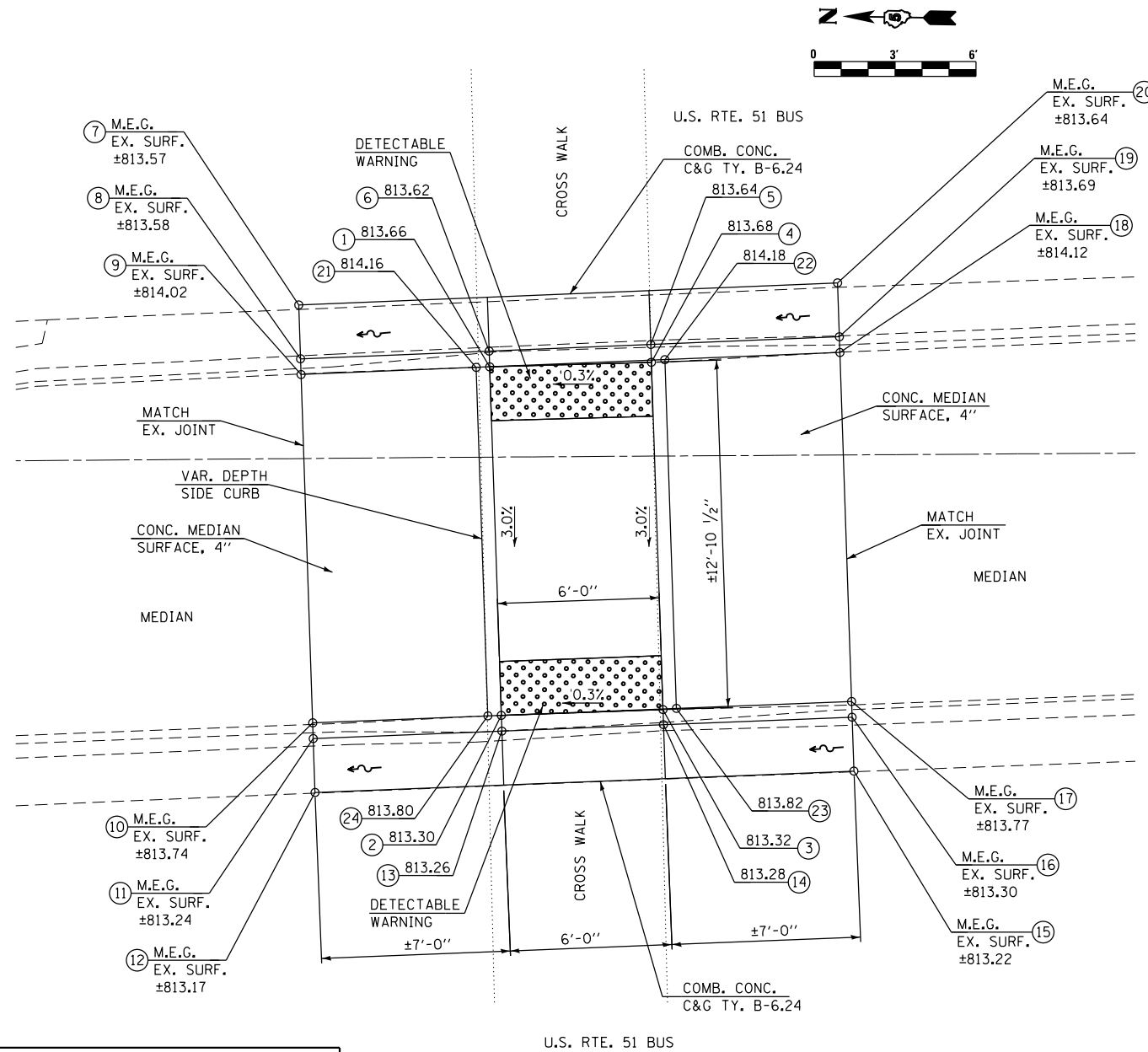
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	29
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #29 AT BUS STOP MEDIAN
U.S. RTE. 51 (MAIN ST.)

LOCATION	STATION	OFFSET
1	119+37.35	LT 3.35
2	119+37.70	RT 9.58
3	119+43.70	RT 9.40
4	119+43.35	LT 3.48
5	119+43.33	LT 4.14
6	119+37.34	LT 3.93
7	119+30.30	LT 5.70
8	119+30.35	LT 3.70
9	119+30.36	LT 3.11
10	119+30.69	RT 9.80
11	119+30.70	RT 10.39
12	119+30.75	RT 12.39
13	119+37.72	RT 10.16
14	119+43.72	RT 9.96
15	119+50.77	RT 11.73
16	119+50.71	RT 9.73
17	119+50.70	RT 9.14
18	119+50.34	LT 3.80
19	119+50.33	LT 4.38
20	119+50.27	LT 6.38
21	119+36.85	LT 3.33
22	119+43.85	LT 3.57
23	119+44.20	RT 9.36
24	119+37.20	RT 9.60

LOCATION #29

MEDIAN AT U.S. 51 (MAIN ST.) / BUS STOP



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FILE NAME = F:\Projects\16-060-1\DRAWINGS\CADD_sheets\0570A46-hst-sidewalk_ramp_loc_29.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

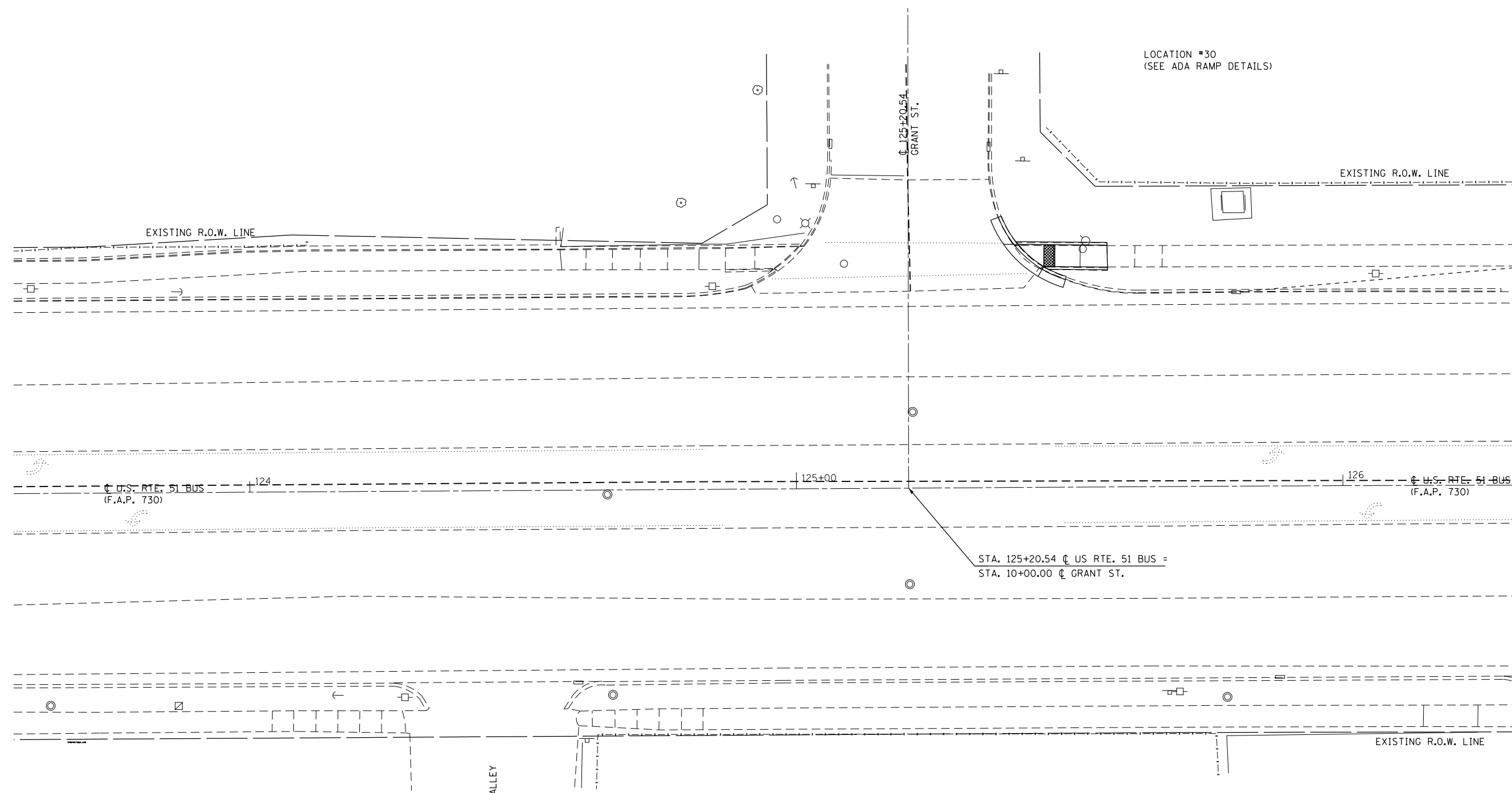
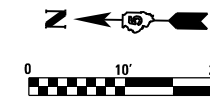
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PLOT SCALE = 6.0000' / 1" =	DRAWN - JLM	REVISED -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AT BUS STOP
LOCATION 29 RAMP DETAIL**

SCALE: 1"=3' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	31
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



STA. 125+20.54 ϕ US RTE. 51 BUS =
STA. 10+00.00 ϕ GRANT ST.

FILE NAME = F:\Projects\11001 - PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-intersec-GRANT.dwg

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISIONS -	
CHECKED - JAH	REVISIONS -	
DATE -	REVISIONS -	
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/2/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND GRANT ST.
INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	32
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

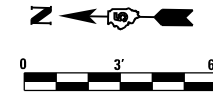
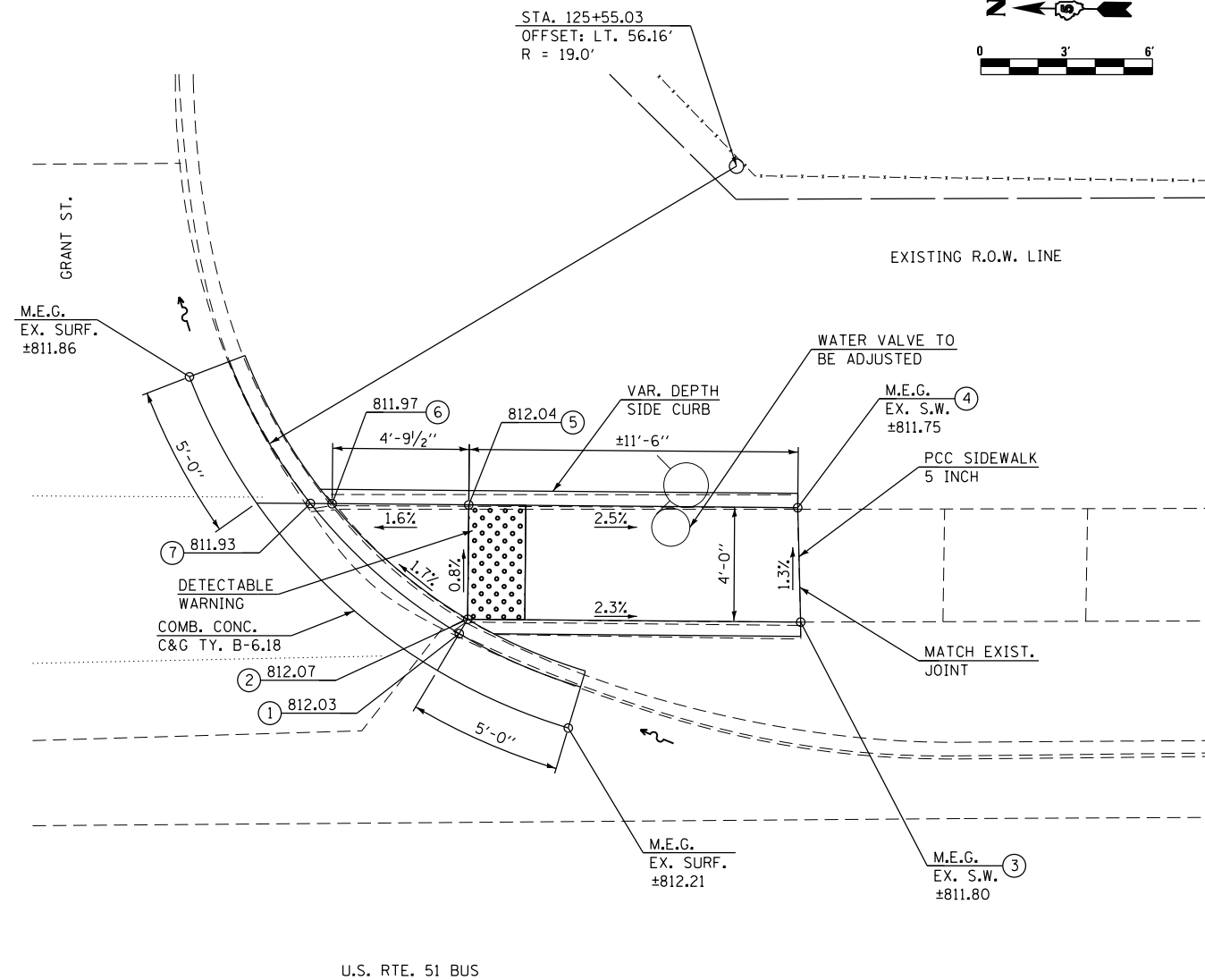
LOCATION #30 S.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & GRANT ST.

LOCATION	STATION	OFFSET
1	125+45.23	LT 39.88
2	125+45.53	LT 40.38
3	125+57.17	LT 40.21
4	125+57.09	LT 44.21
5	125+45.59	LT 44.38
6	125+40.81	LT 44.45
7	125+40.05	LT 44.46

LOCATION #30

S.E. QUADRANT

U.S. 51 (MAIN ST.) & GRANT ST.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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PLOT DATE = 3/2/2017	DATE -	REVISED -

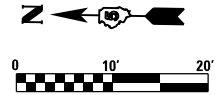
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & GRANT ST.
LOCATION 30 RAMP DETAIL**

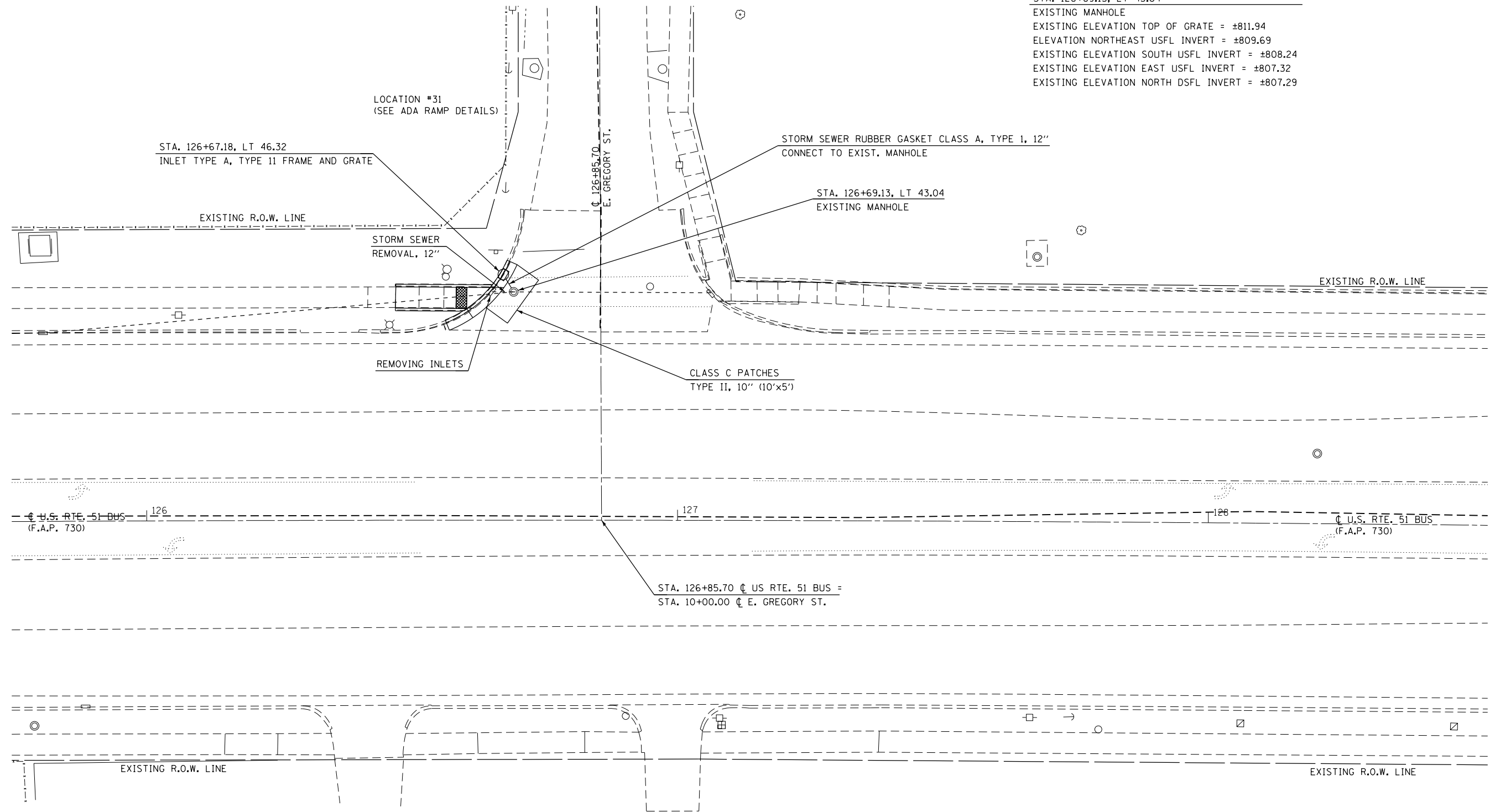
SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	33
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

STA. 126+67.18, LT 46.32
 INLET TYPE A, TYPE 11 FRAME AND GRATE
 ELEVATION TOP OF GRATE = ±811.84
 ELEVATION DSFL INVERT = ±809.78
 DEPTH OF TYPE A INLET = ±2.06'



STA. 126+69.13, LT 43.04
 EXISTING MANHOLE
 EXISTING ELEVATION TOP OF GRATE = ±811.94
 ELEVATION NORTHEAST USFL INVERT = ±809.69
 EXISTING ELEVATION SOUTH USFL INVERT = ±808.24
 EXISTING ELEVATION EAST USFL INVERT = ±807.32
 EXISTING ELEVATION NORTH DSFL INVERT = ±807.29



FILE NAME = F:\Projects\DOT PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-intersec-GREGORY.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISIONS -	
PLOT SCALE = 20.0000' / in.	CHECKED - JAH	REVISED -
PLOT DATE = 3/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND E. GREGORY ST.
 INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	34
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

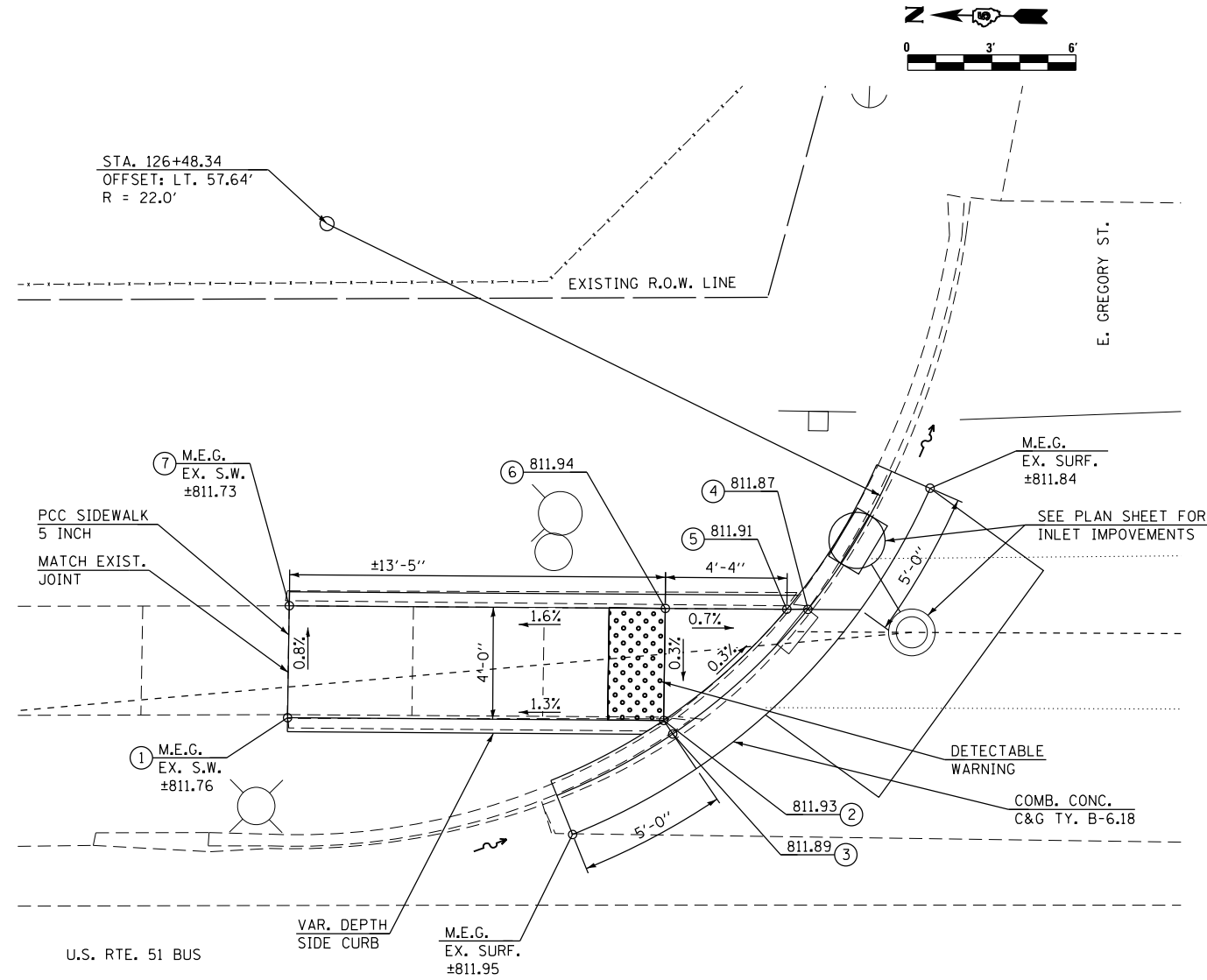
LOCATION #31 N.E. QUADRANT
 U.S. RTE. 51 (MAIN ST.) & E. GREGORY ST.

LOCATION	STATION	OFFSET
1	126+46.91	LT 40.00
2	126+60.30	LT 39.90
3	126+60.62	LT 39.41
4	126+65.43	LT 43.86
5	126+64.69	LT 43.86
6	126+60.36	LT 43.90
7	126+46.98	LT 44.00

LOCATION #31

N.E. QUADRANT

U.S. 51 (MAIN ST.) & E. GREGORY ST.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FILE NAME = F:\Projects\1101-PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570446-ht-3rdwalk_ramp_loc_31.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

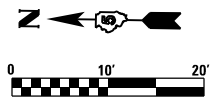
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

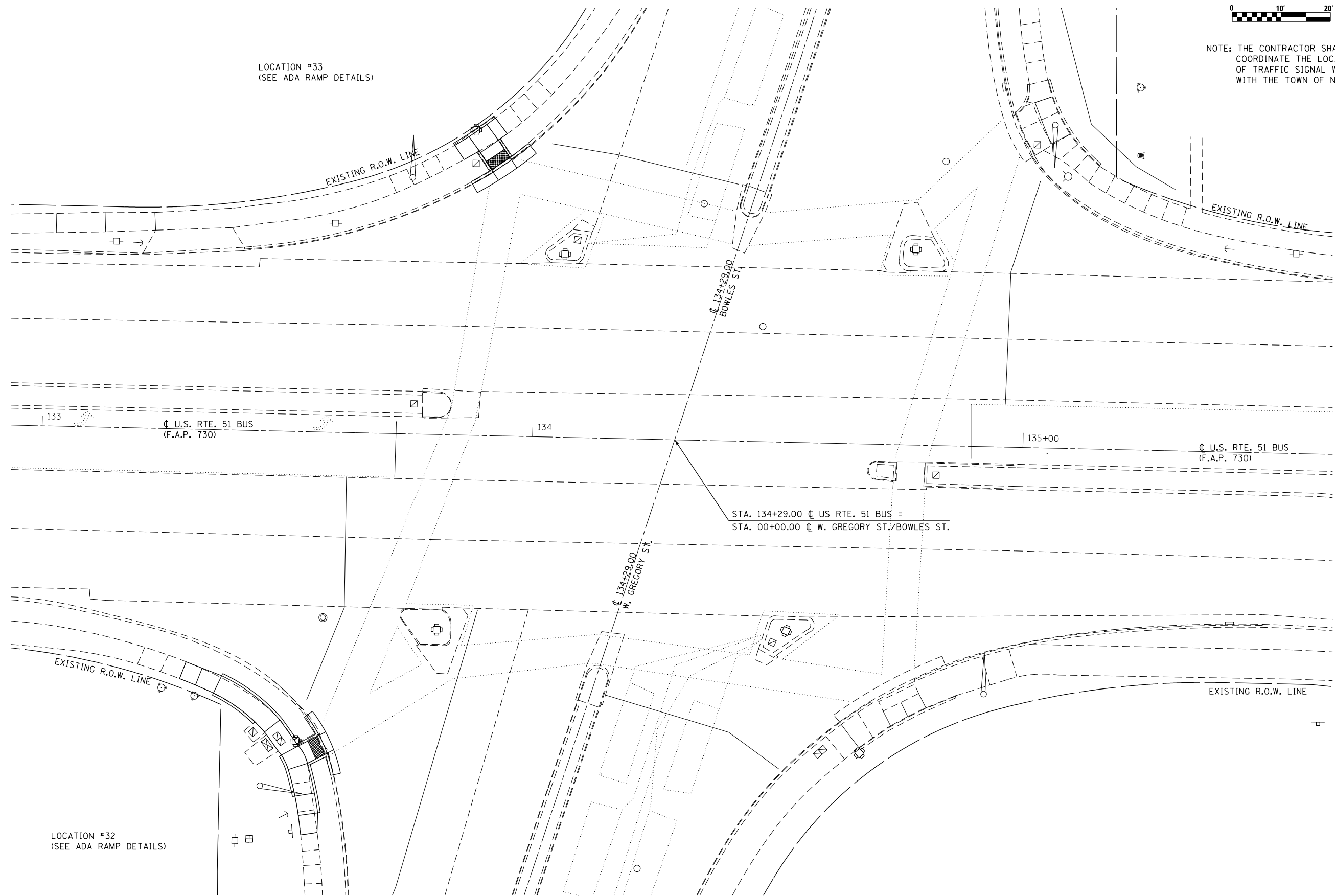
**U.S. 51 (MAIN ST.) & E. GREGORY ST.
 LOCATION 31 RAMP DETAIL**

SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	35
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



NOTE: THE CONTRACTOR SHALL COORDINATE THE LOCATION OF TRAFFIC SIGNAL WIRING WITH THE TOWN OF NORMAL.



FILE NAME = F:\Projects\11001-PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-1\intersec-CREGRORY-BOWLES.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = User1	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISOR -	REVISED -
CHECKED - JAH	REVISOR -	REVISED -
DATE -	REVISOR -	REVISED -
PLLOT SCALE = 20.0000' / in.		
PLLOT DATE = 3/15/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND W. GREGORY ST./BOWLES ST.
 INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	36
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #32 N.W. QUADRANT
U.S. RTE. 51 (MAIN ST.) & W. GREGORY ST.

LOCATION #32

N.W. QUADRANT

U.S. 51 (MAIN ST.) & W. GREGORY ST.

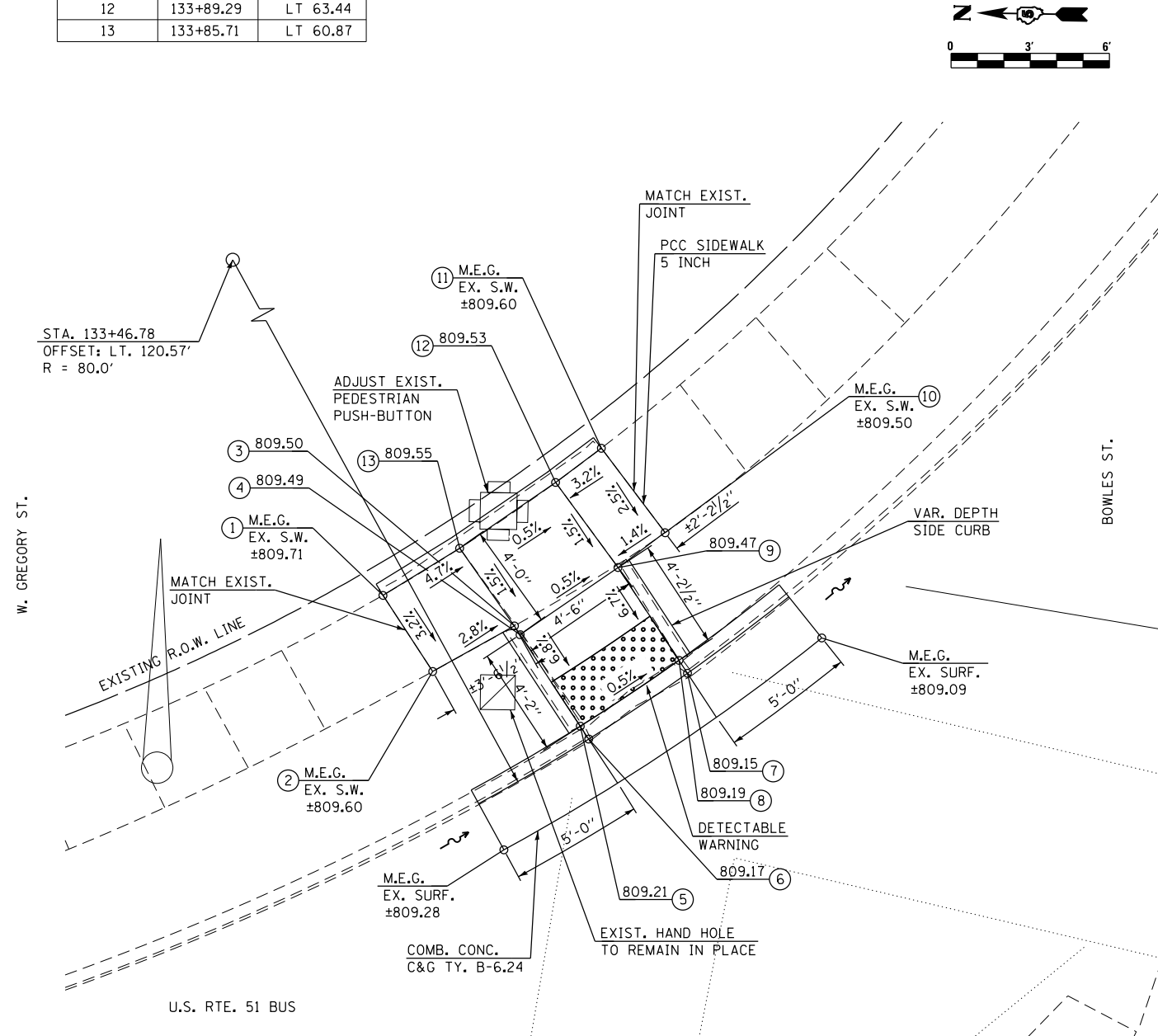
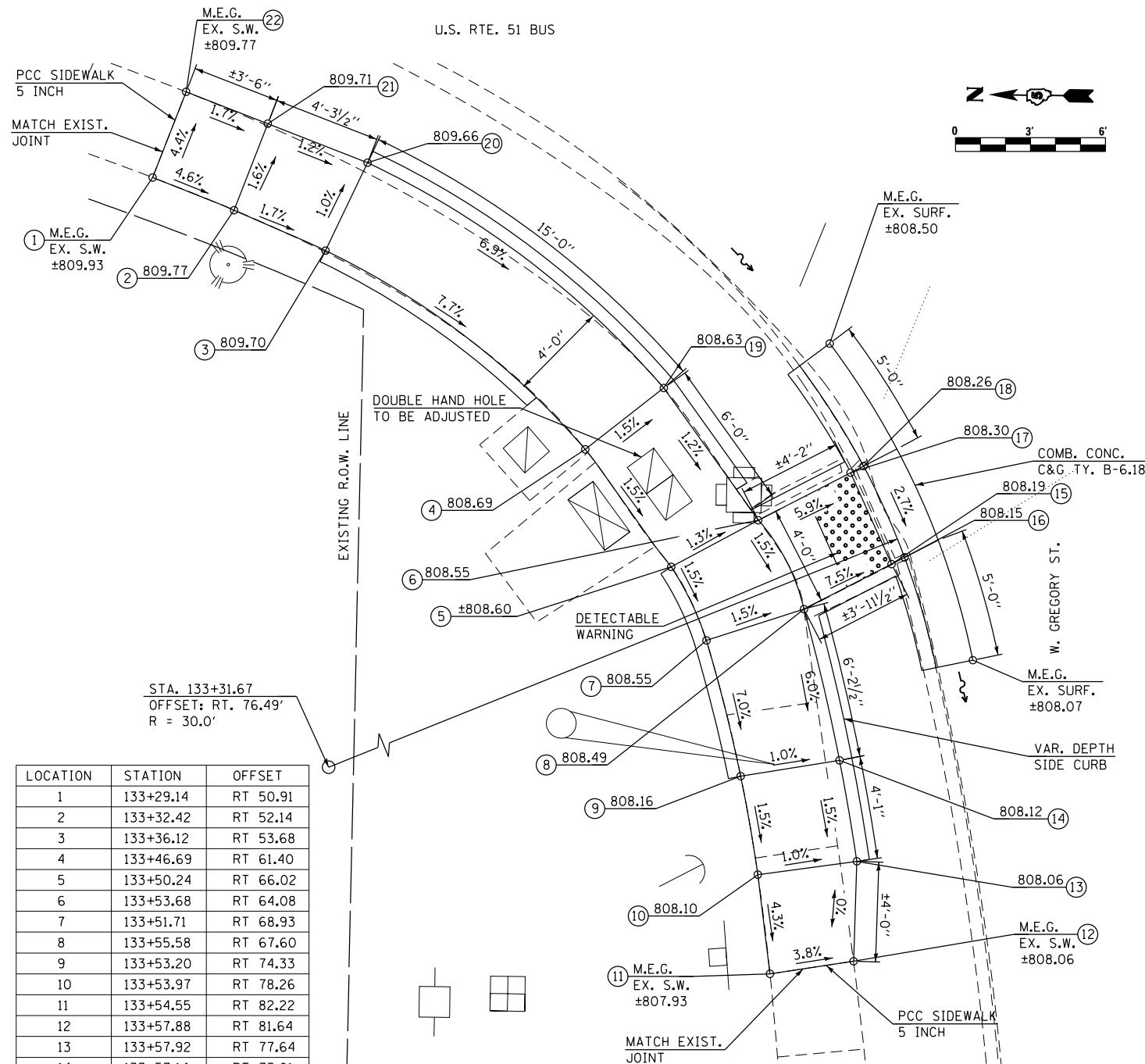
LOCATION #33 N.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & BOWLES ST.

LOCATION #33

N.E. QUADRANT

U.S. 51 (MAIN ST.) & BOWLES ST.

LOCATION	STATION	OFFSET
1	133+82.84	LT 59.01
2	133+84.79	LT 56.17
3	133+87.85	LT 57.97
4	133+88.07	LT 57.64
5	133+90.43	LT 54.22
6	133+90.76	LT 53.74
7	133+94.45	LT 56.32
8	133+94.12	LT 56.80
9	133+91.73	LT 60.27
10	133+93.48	LT 61.63
11	133+91.00	LT 64.77
12	133+89.29	LT 63.44
13	133+85.71	LT 60.87



LOCATION	STATION	OFFSET
1	133+29.14	RT 50.91
2	133+32.42	RT 52.14
3	133+36.12	RT 53.68
4	133+46.69	RT 61.40
5	133+50.24	RT 66.02
6	133+53.68	RT 64.08
7	133+51.71	RT 68.93
8	133+55.58	RT 67.60
9	133+53.20	RT 74.33
10	133+53.97	RT 78.26
11	133+54.55	RT 82.22
12	133+57.88	RT 81.64
13	133+57.92	RT 77.64
14	133+57.14	RT 73.61
15	133+59.05	RT 65.72
16	133+59.56	RT 65.44
17	133+57.33	RT 62.10
18	133+57.84	RT 61.82
19	133+49.78	RT 58.87
20	133+37.73	RT 50.12
21	133+33.70	RT 48.65
22	133+30.40	RT 47.45

NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN NO. 184-002754

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DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -
PLOT SCALE = 6.0000' / 1" =
PLOT DATE = 3/2/2017

DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -

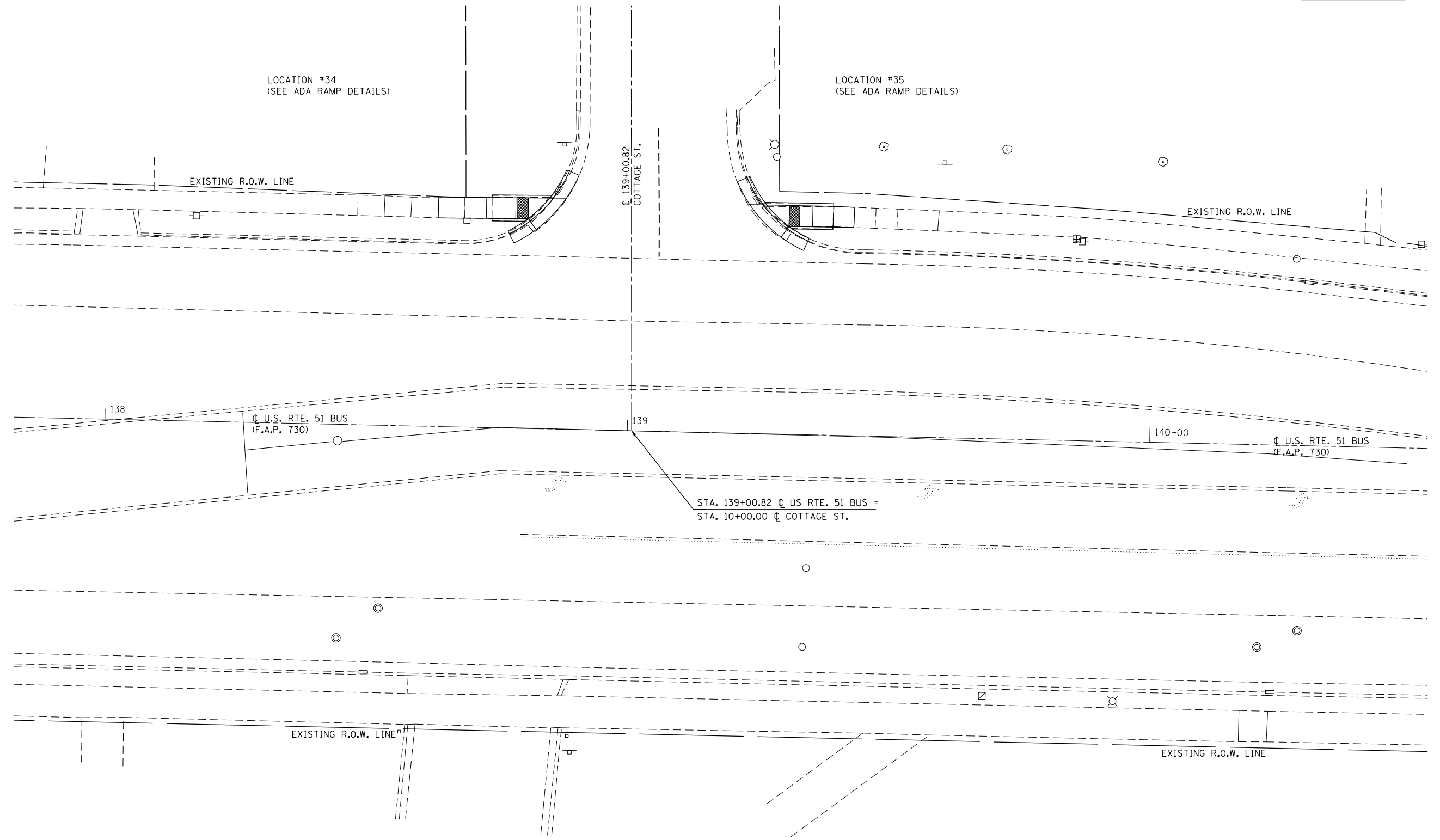
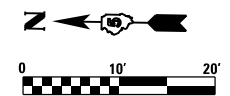
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 51 (MAIN ST.) & W. GREGORY ST.
LOCATIONS 32 & 33 RAMP DETAILS
SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	37
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

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 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

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DRAWN - JLM	REVISED -	
CHECKED - JAH	REVISED -	
DATE -	REVISED -	
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/2/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

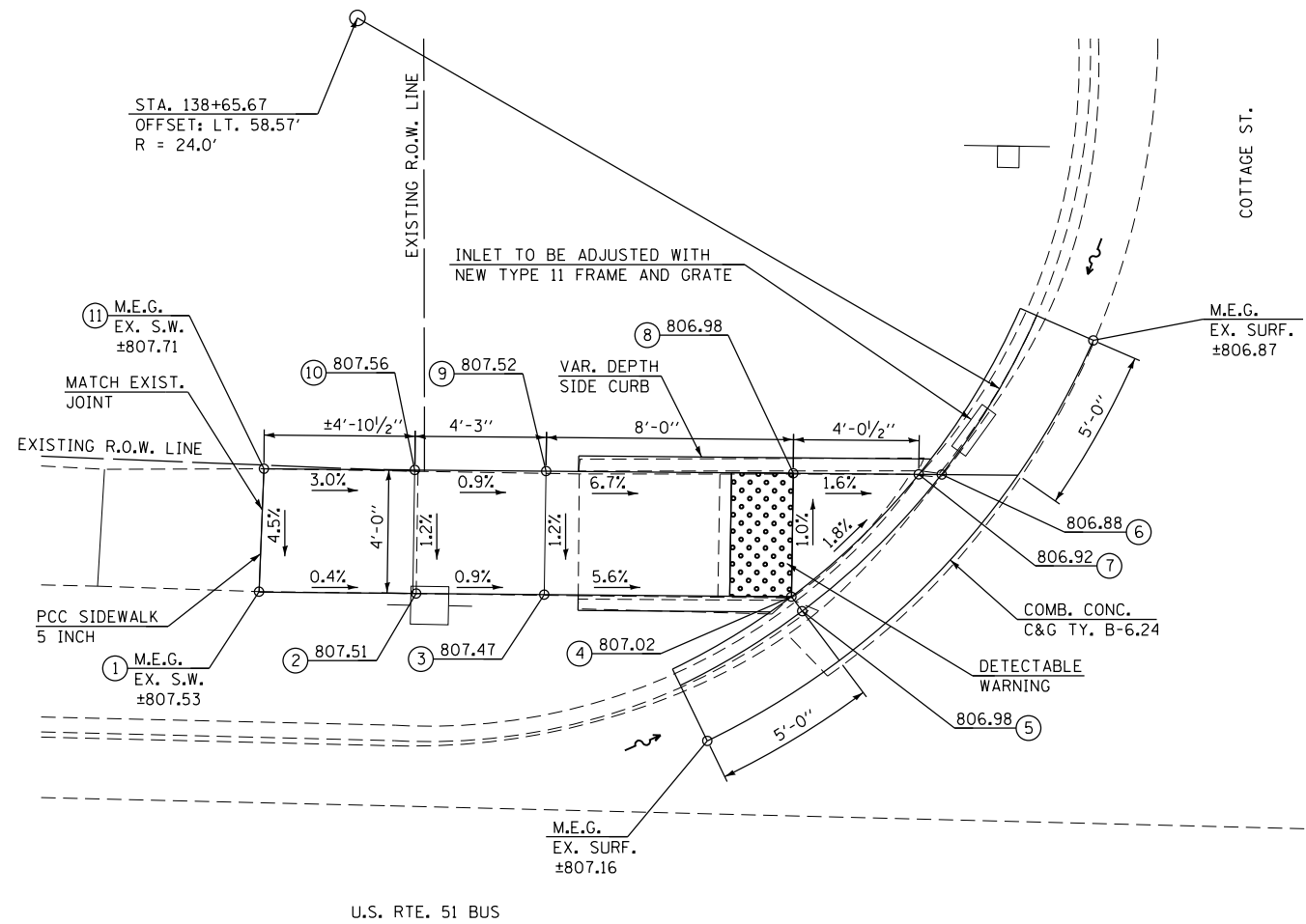
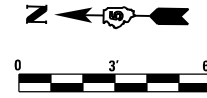
U.S. 51 (MAIN ST.) AND COTTAGE ST. INTERSECTION PLAN			
SCALE: 1"=10'	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE. 730	SECTION D5 ADA-1	COUNTY McLEAN	TOTAL SHEETS 58	SHEET NO. 38
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #34 N.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & COTTAGE ST.

LOCATION	STATION	OFFSET
1	138+62.90	LT 39.92
2	138+67.88	LT 39.99
3	138+72.13	LT 40.04
4	138+80.13	LT 40.15
5	138+80.49	LT 39.69
6	138+84.90	LT 44.22
7	138+84.16	LT 44.21
8	138+80.10	LT 44.15
9	138+72.10	LT 44.04
10	138+67.85	LT 43.98
11	138+62.97	LT 43.92

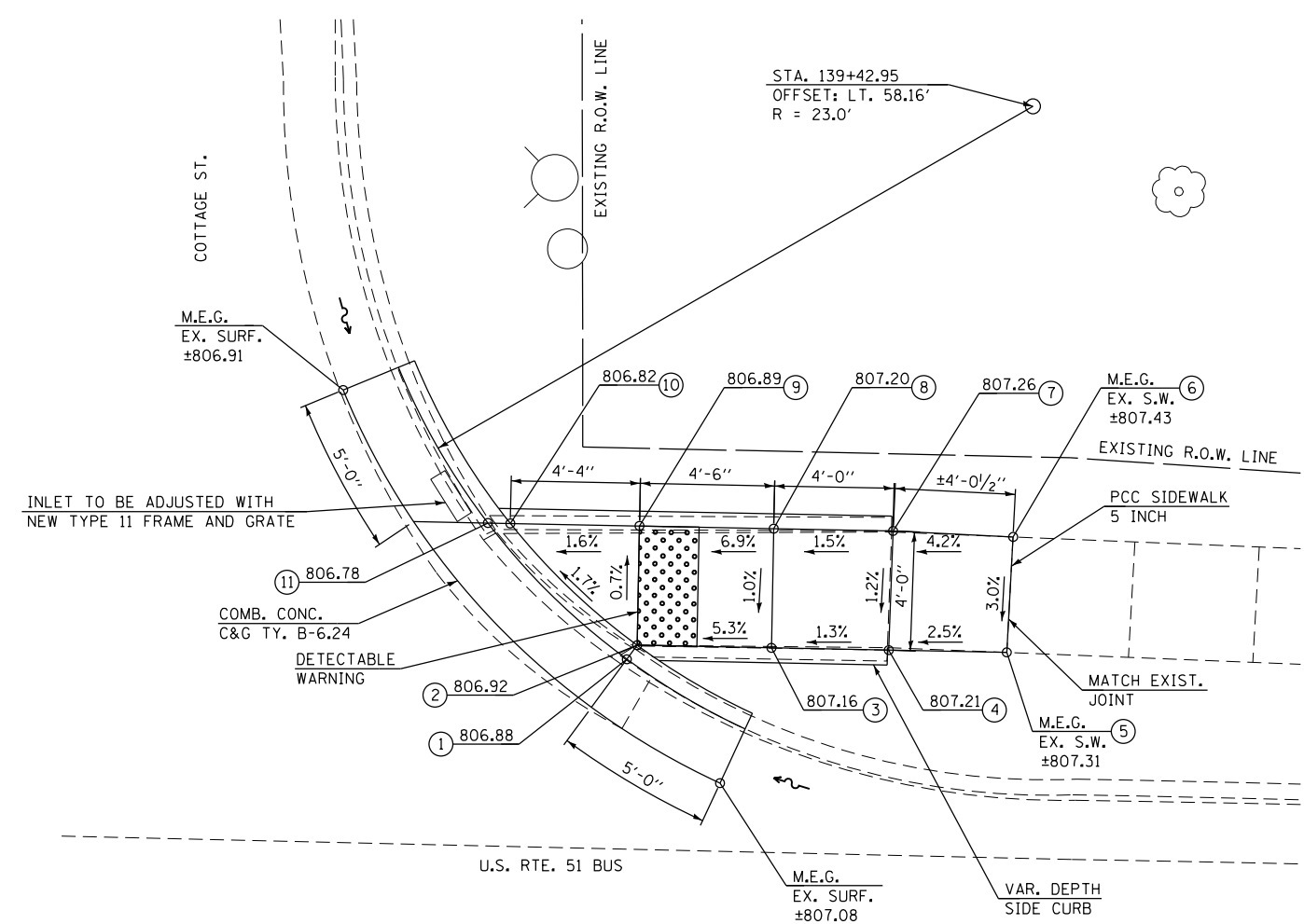
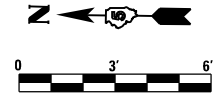
LOCATION #34 N.E. QUADRANT U.S. 51 (MAIN ST.) & COTTAGE ST.



LOCATION #35 S.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & COTTAGE ST.

LOCATION	STATION	OFFSET
1	139+29.75	LT 39.33
2	139+30.09	LT 39.80
3	139+34.59	LT 39.82
4	139+38.52	LT 39.83
5	139+42.47	LT 39.84
6	139+42.60	LT 43.71
7	139+38.58	LT 43.82
8	139+34.58	LT 43.81
9	139+30.08	LT 43.80
10	139+25.75	LT 43.79
11	139+25.00	LT 43.79

LOCATION #35 S.E. QUADRANT U.S. 51 (MAIN ST.) & COTTAGE ST.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

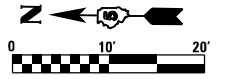
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	DATE -	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

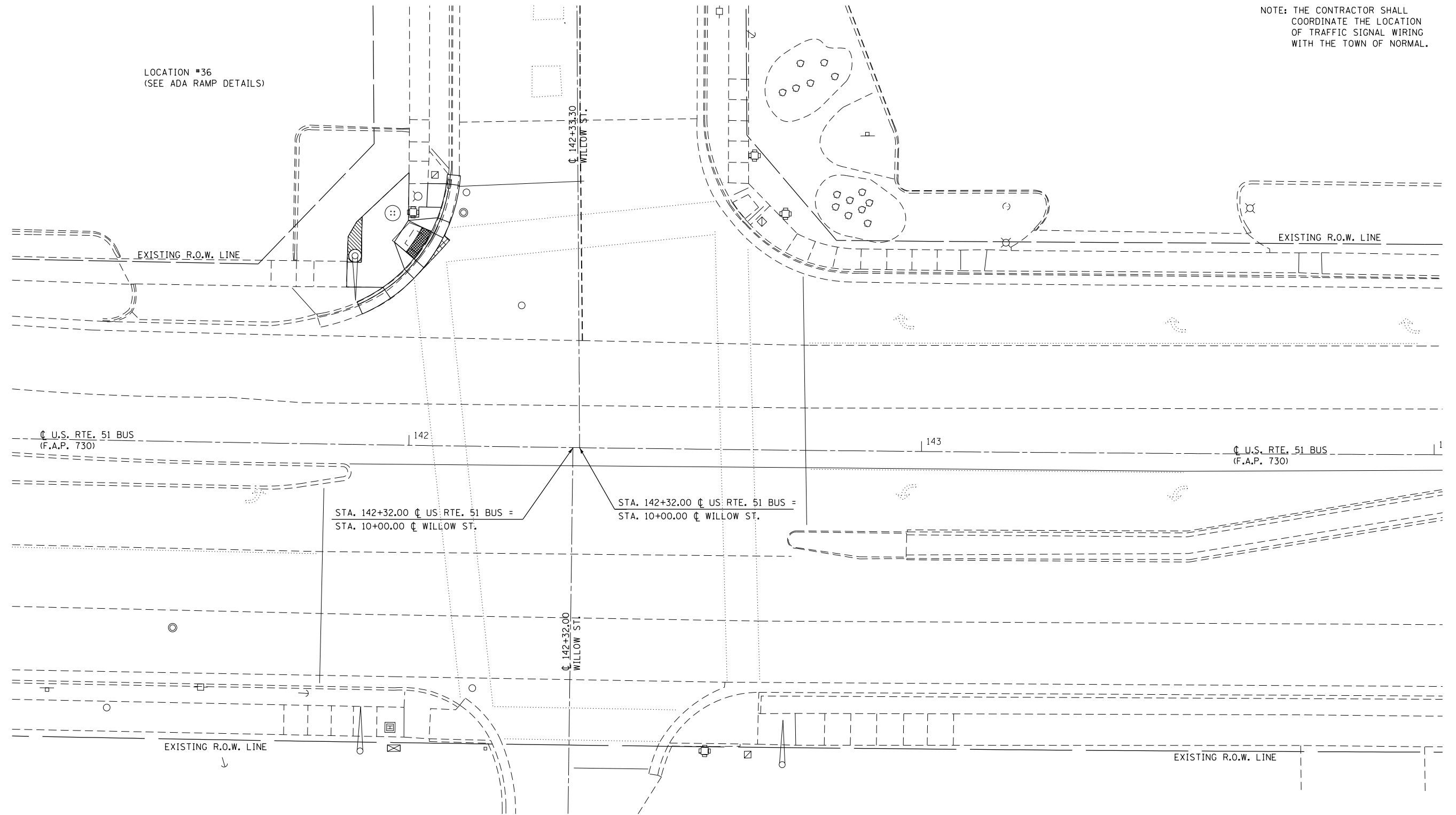
**U.S. 51 (MAIN ST.) & COTTAGE ST.
LOCATIONS 34 & 35 RAMP DETAILS**

SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	39
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



NOTE: THE CONTRACTOR SHALL
COORDINATE THE LOCATION
OF TRAFFIC SIGNAL WIRING
WITH THE TOWN OF NORMAL.



LOCATION #36
(SEE ADA RAMP DETAILS)

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

U.S. RTE. 51 BUS
(F.A.P. 730)

U.S. RTE. 51 BUS
(F.A.P. 730)

STA. 142+32.00 U.S. RTE. 51 BUS =
STA. 10+00.00 WILLOW ST.

STA. 142+32.00 U.S. RTE. 51 BUS =
STA. 10+00.00 WILLOW ST.

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

FILE NAME = F:\Projects\11001 - PROJECTS\11001 - VIBRATIONS\CADD - sheets\0570446-ht-intersec-willow.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

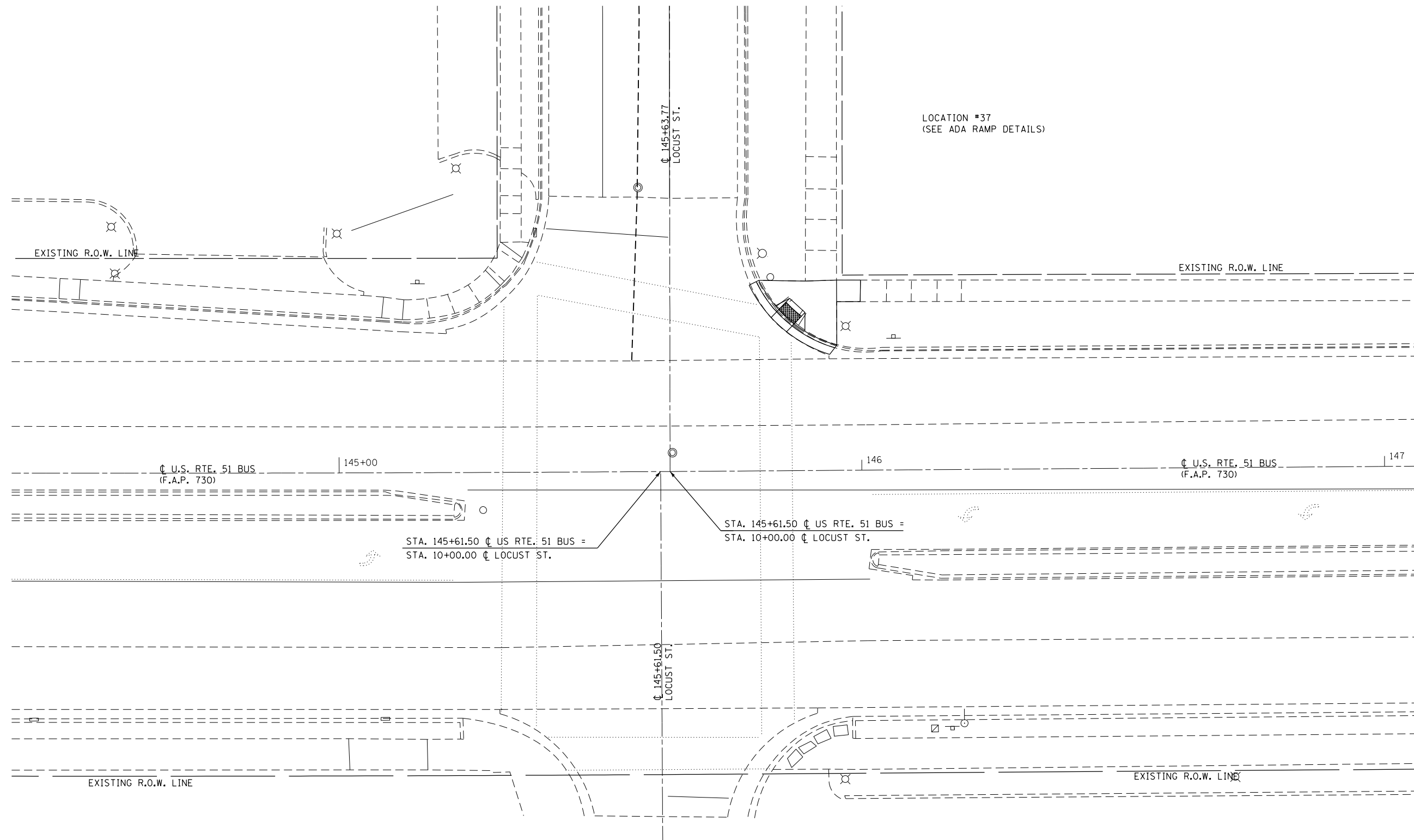
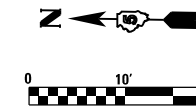
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DRAWN - JLM	REVISED -	
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PLOT DATE = 3/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND WILLOW ST.
INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	40
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\11001 - PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570446-1\intersec-LOCUST.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
	DRAWN - JLM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JAH	REVISED -
PLOT DATE = 3/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) AND LOCUST ST.
 INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	42
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

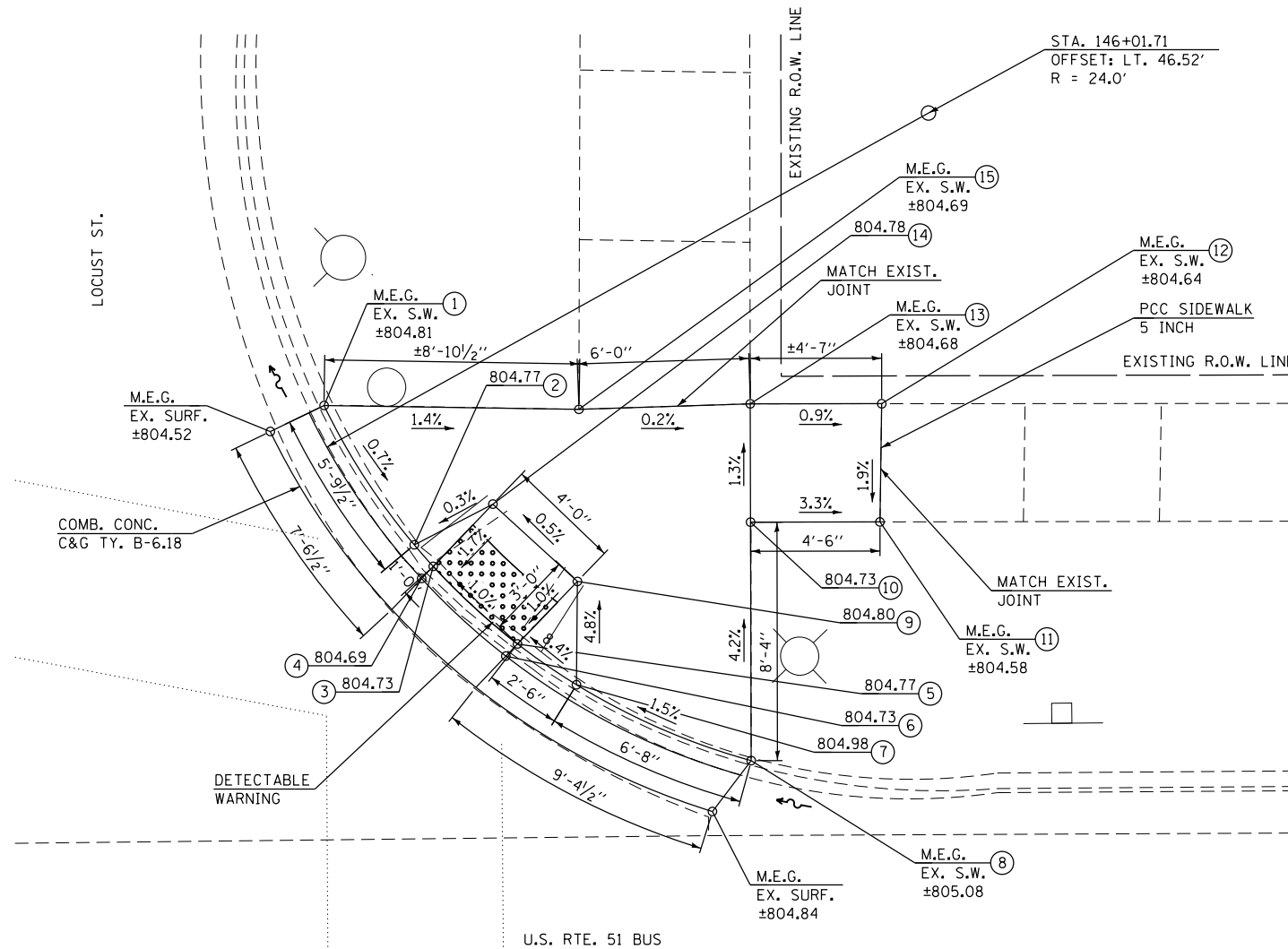
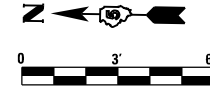
LOCATION #37 S.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & LOCUST ST.

LOCATION	STATION	OFFSET
1	145+80.56	LT 36.47
2	145+83.67	LT 31.59
3	145+84.33	LT 30.83
4	145+83.92	LT 30.41
5	145+87.25	LT 28.10
6	145+86.84	LT 27.68
7	145+89.29	LT 26.66
8	145+95.37	LT 23.97
9	145+89.35	LT 30.27
10	145+95.41	LT 32.29
11	145+99.92	LT 32.27
12	146+00.01	LT 36.39
13	145+95.43	LT 36.42
14	145+86.42	LT 32.98
15	145+89.45	LT 36.27

LOCATION #37

S.E. QUADRANT

U.S. 51 (MAIN ST.) & LOCUST ST.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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PROFESSIONAL DESIGN No. 184-002754

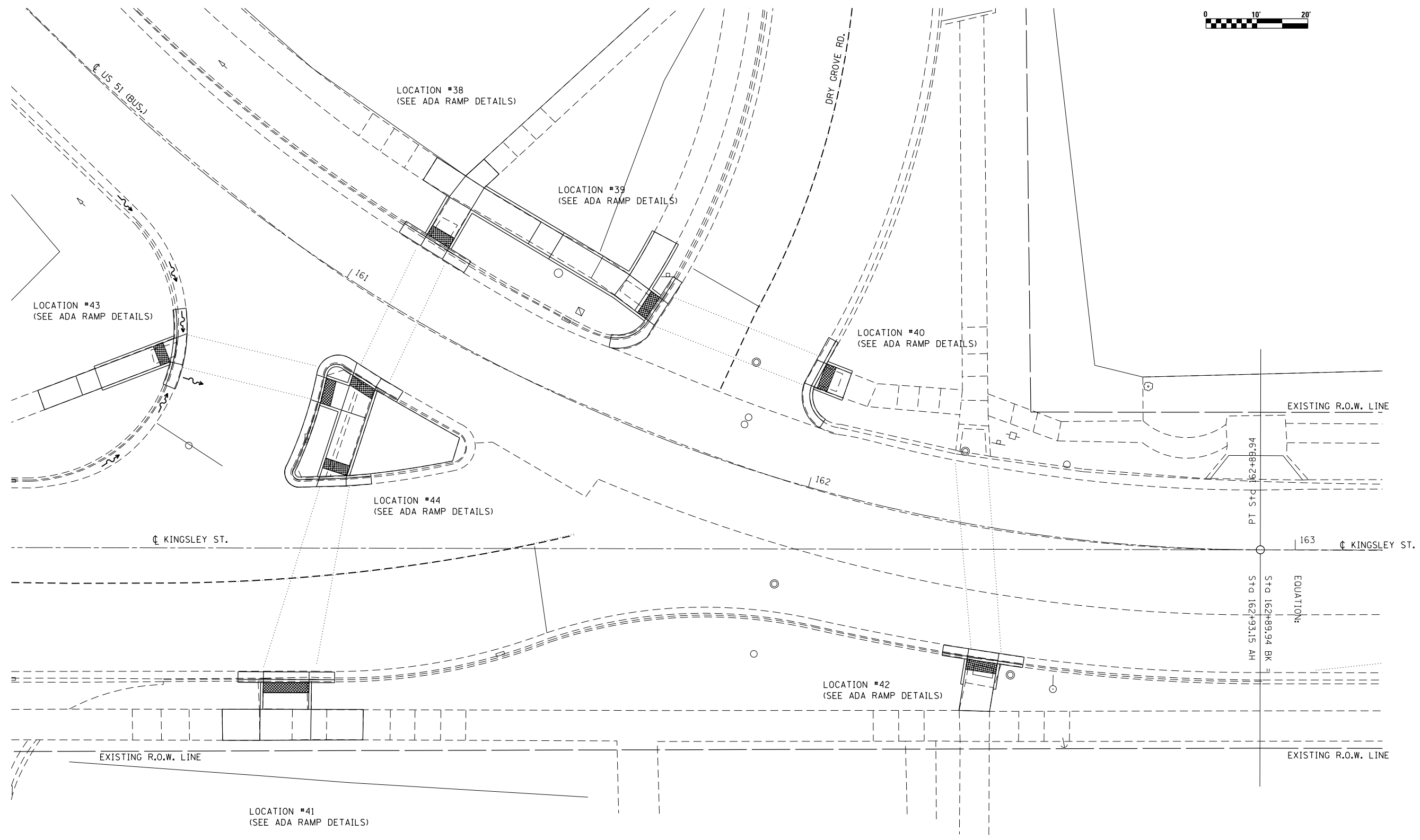
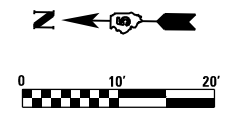
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PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 51 (MAIN ST.) & LOCUST ST.
LOCATION 37 RAMP DETAIL

SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	43
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\11001 PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570446-1\intersec-KINGSLEY-DRY GROVE.dgn

McDonough-Whitlow, P.C.
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 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
	DRAWN - JLM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JAH	REVISED -
PLOT DATE = 3/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**KINGSLEY ST. AND DRY GROVE RD.
 INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	44
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #40 S.E. QUADRANT
KINGSLEY ST. & DRY GROVE RD.

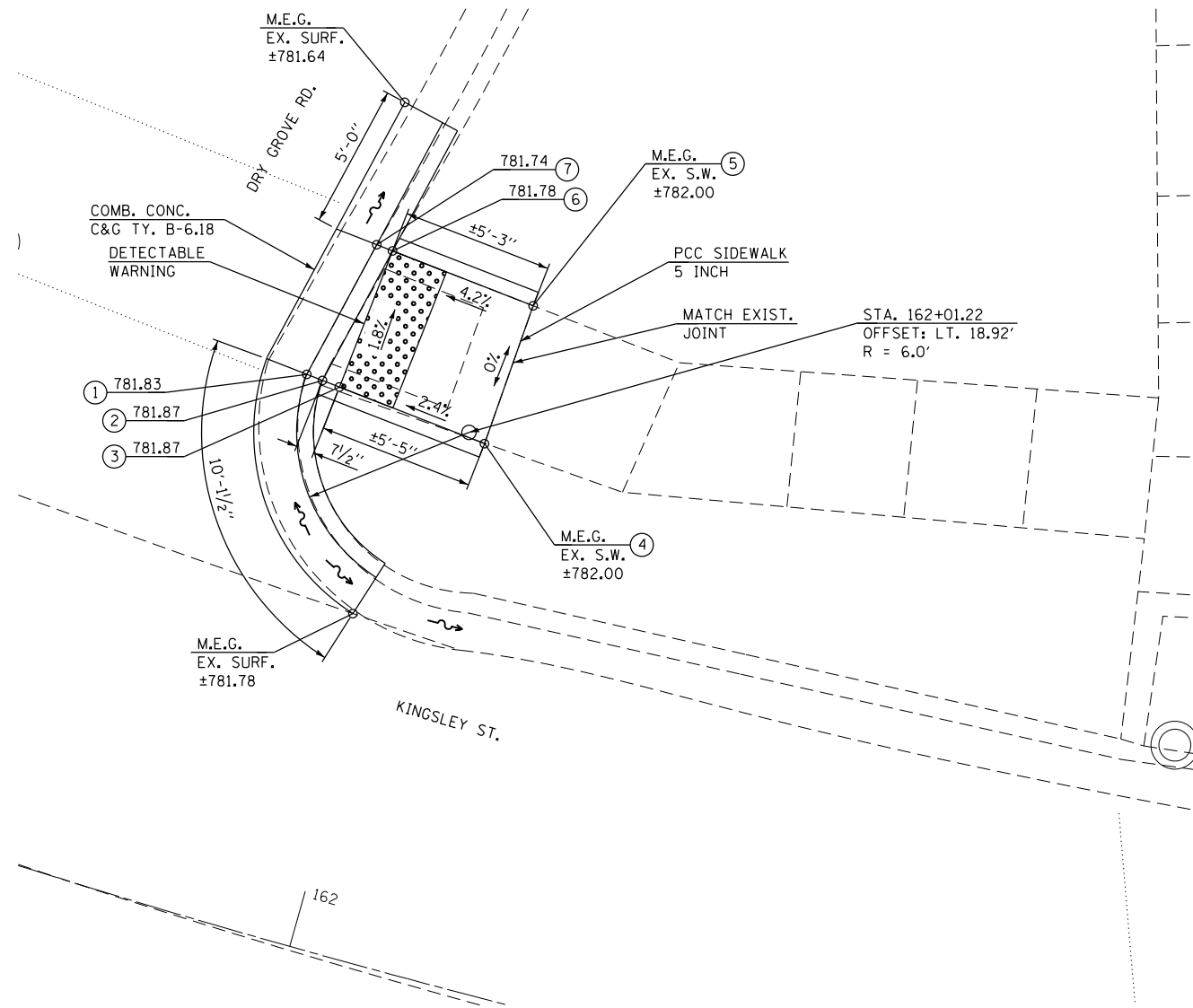
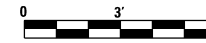
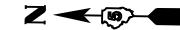
LOCATION	STATION	OFFSET
1	161+94.87	LT 19.30
2	161+95.48	LT 19.25
3	161+96.16	LT 19.20
4	162+01.88	LT 18.69
5	162+02.27	LT 23.77
6	161+96.63	LT 24.27
7	161+95.99	LT 24.32

STATION AND OFFSET DISTANCES LISTED
IN SCHEDULE ARE FROM US 51 (BUS.) CENTERLINE

LOCATION #40

S.E. QUADRANT

KINGSLEY ST. & DRY GROVE RD.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = J1m	DESIGNED - SMA	REVISED -
PLOT SCALE = 6.0000' / 1" =	DRAWN - JLM	REVISED -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KINGSLEY ST. AND DRY GROVE RD.	
LOCATION 40 RAMP DETAIL	
SCALE: 1"=3'	SHEET 3 OF 5 SHEETS STA. TO STA.

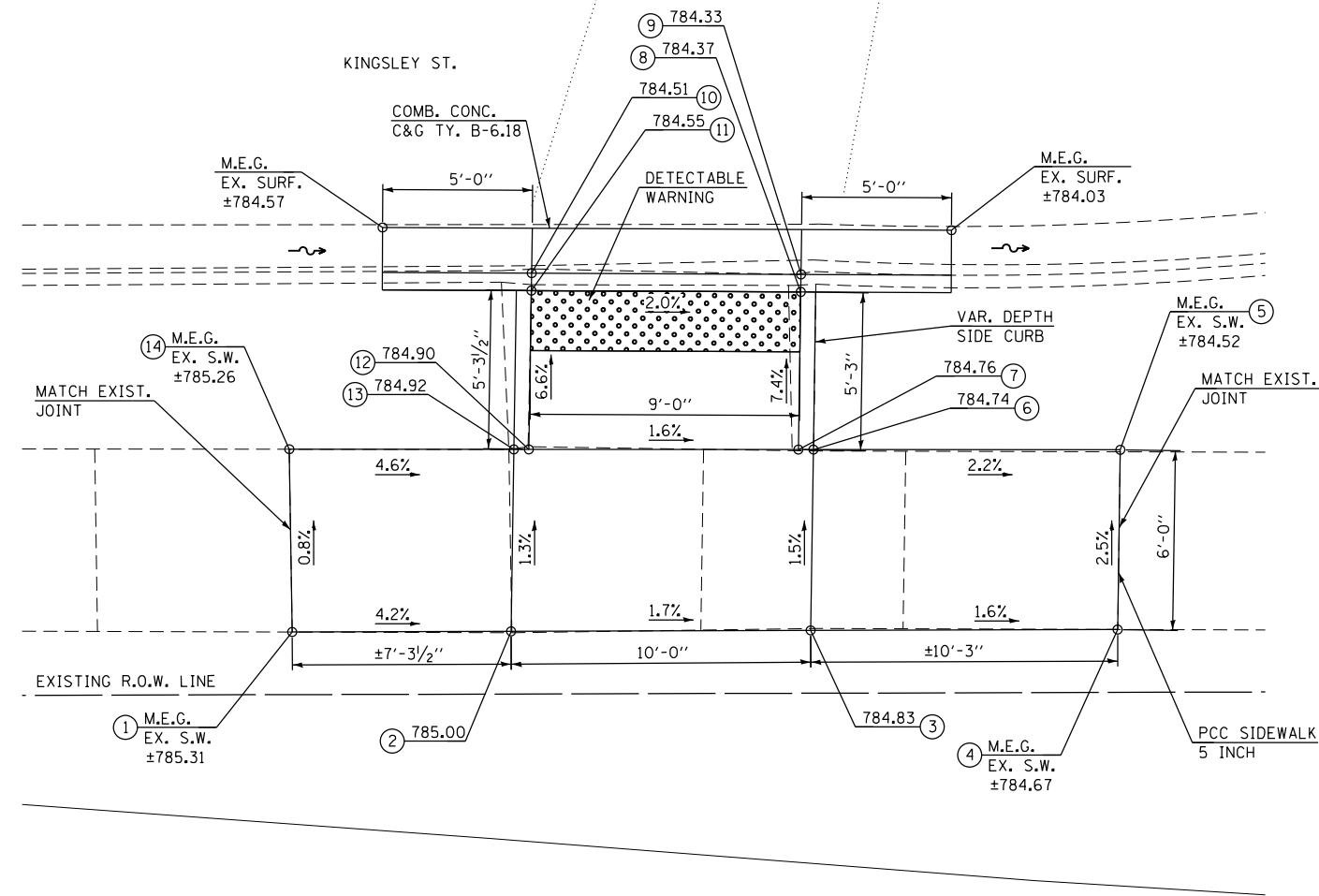
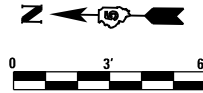
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	46
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #41 N.W. QUADRANT
KINGSLEY ST. & DRY GROVE RD.

LOCATION	STATION	OFFSET
1	161+22.97	RT 90.58
2	161+28.01	RT 87.05
3	161+35.05	RT 82.39
4	161+42.43	RT 77.81
5	161+40.36	RT 72.37
6	161+32.89	RT 76.98
7	161+32.53	RT 77.21
8	161+30.60	RT 72.50
9	161+30.38	RT 71.98
10	161+23.91	RT 76.22
11	161+24.13	RT 76.74
12	161+26.13	RT 81.43
13	161+25.77	RT 81.67
14	161+20.54	RT 85.31

STATION AND OFFSET DISTANCES LISTED
IN SCHEDULE ARE FROM US 51 (BUS.) CENTERLINE

LOCATION #41 N.W. QUADRANT KINGSLEY ST. & DRY GROVE RD.

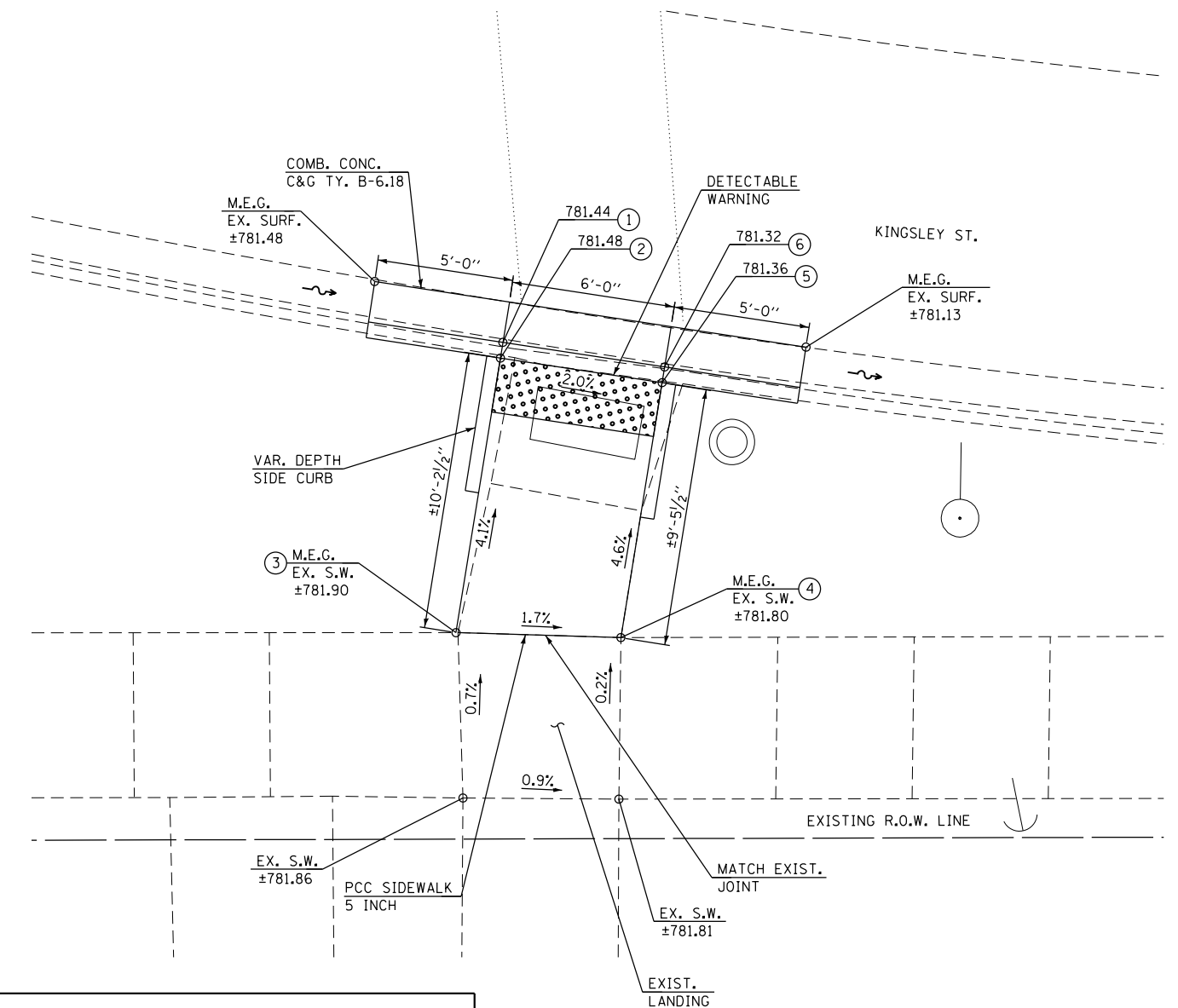
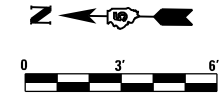


LOCATION #42 S.W. QUADRANT
KINGSLEY ST. & DRY GROVE RD.

LOCATION	STATION	OFFSET
1	162+36.37	RT 25.72
2	162+36.37	RT 26.30
3	162+36.41	RT 36.51
4	162+41.82	RT 35.75
5	162+41.93	RT 26.27
6	162+41.93	RT 25.69

STATION AND OFFSET DISTANCES LISTED
IN SCHEDULE ARE FROM US 51 (BUS.) CENTERLINE

LOCATION #42 S.W. QUADRANT KINGSLEY ST. & DRY GROVE RD.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm
DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -
PLOT SCALE = 6.0000' / 1" =
PLOT DATE = 3/2/2017

DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KINGSLEY ST. AND DRY GROVE RD.
LOCATIONS 41 & 42 RAMP DETAILS**

SCALE: 1"=3' SHEET 4 OF 5 SHEETS STA. TO STA.

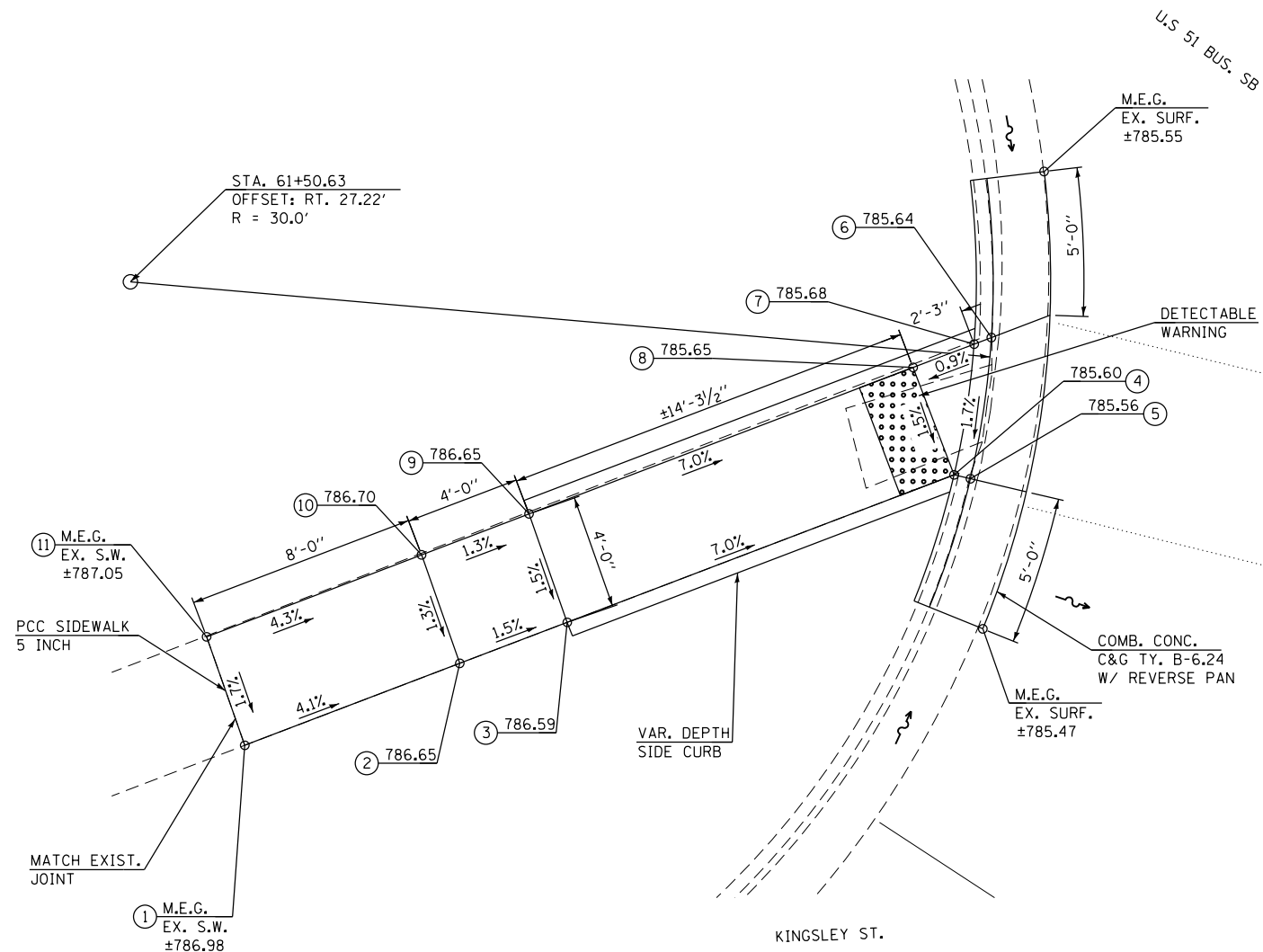
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	47
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #43 NORTH OF MEDIAN
KINGSLEY ST.

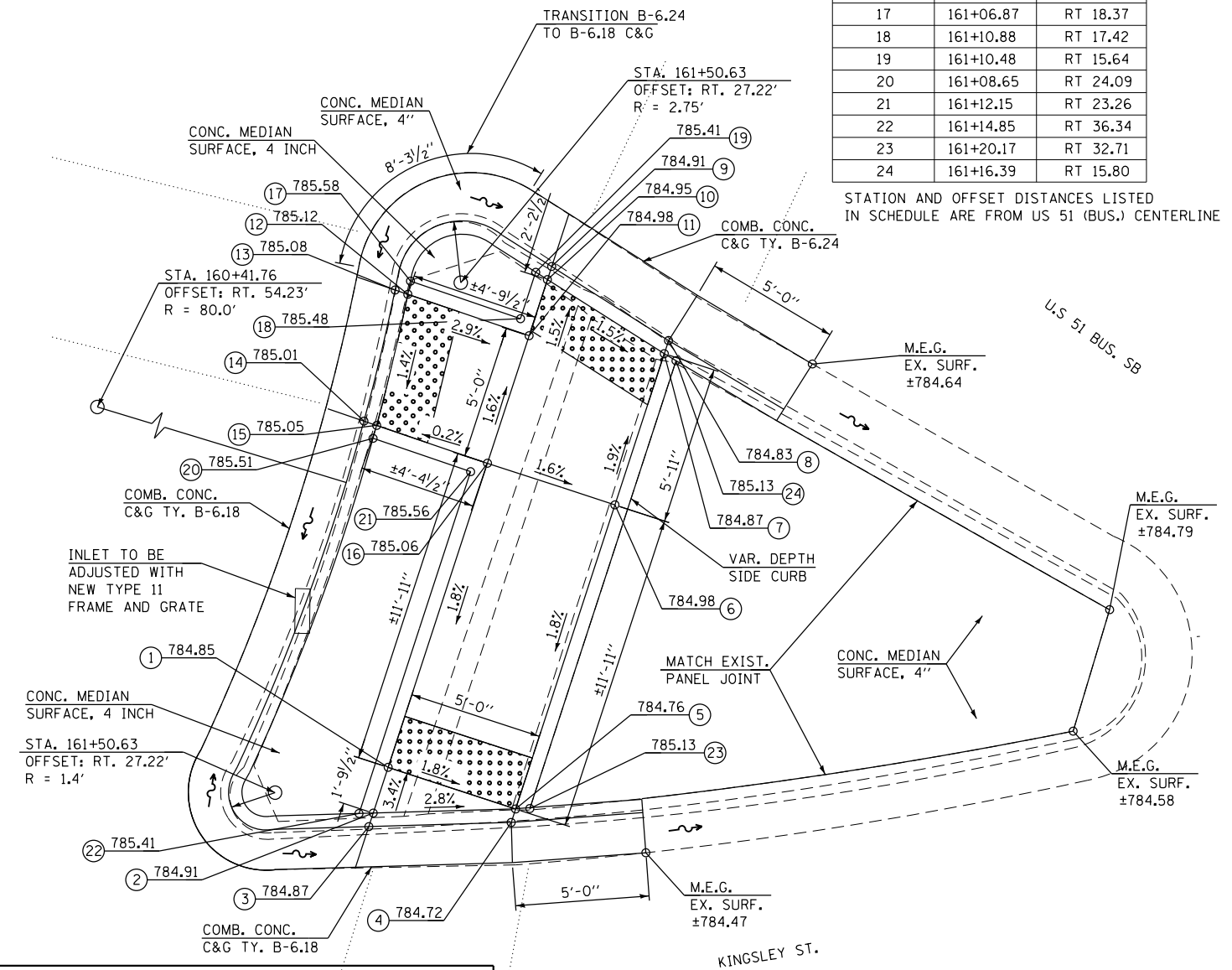
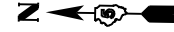
LOCATION	STATION	OFFSET
1	160+69.55	RT 55.86
2	160+73.11	RT 49.00
3	160+74.94	RT 45.59
4	160+81.80	RT 33.42
5	160+82.29	RT 33.19
6	160+80.16	RT 28.80
7	160+79.84	RT 29.35
8	160+78.73	RT 31.26
9	160+71.98	RT 43.42
10	160+70.16	RT 46.85
11	160+66.64	RT 53.74

STATION AND OFFSET DISTANCES LISTED
IN SCHEDULE ARE FROM US 51 (BUS.) CENTERLINE

LOCATION #43 NORTH OF MEDIAN KINGSLEY ST. & DRY GROVE RD.



LOCATION #44 CENTER MEDIAN KINGSLEY ST. & DRY GROVE RD.



LOCATION #44 CENTER MEDIAN
KINGSLEY ST.

LOCATION	STATION	OFFSET
1	161+14.91	RT 34.31
2	161+15.26	RT 36.06
3	161+15.36	RT 36.58
4	161+19.44	RT 33.78
5	161+19.34	RT 33.26
6	161+17.08	RT 21.59
7	161+15.90	RT 15.79
8	161+15.79	RT 15.29
9	161+10.86	RT 15.15
10	161+10.98	RT 15.65
11	161+11.45	RT 17.80
12	161+07.03	RT 18.84
13	161+06.57	RT 18.96
14	161+08.06	RT 23.72
15	161+08.52	RT 23.61
16	161+12.50	RT 22.67
17	161+06.87	RT 18.37
18	161+10.88	RT 17.42
19	161+10.48	RT 15.64
20	161+08.65	RT 24.09
21	161+12.15	RT 23.26
22	161+14.85	RT 36.34
23	161+20.17	RT 32.71
24	161+16.39	RT 15.80

STATION AND OFFSET DISTANCES LISTED
IN SCHEDULE ARE FROM US 51 (BUS.) CENTERLINE

NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

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McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN NO. 184-002754

USER NAME = Jlm
DESIGNED - SMA
DRAWN - JLM
CHECKED - JAH
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PLOT SCALE = 6.0000' / 1" =
PLOT DATE = 3/2/2017

DESIGNED - SMA
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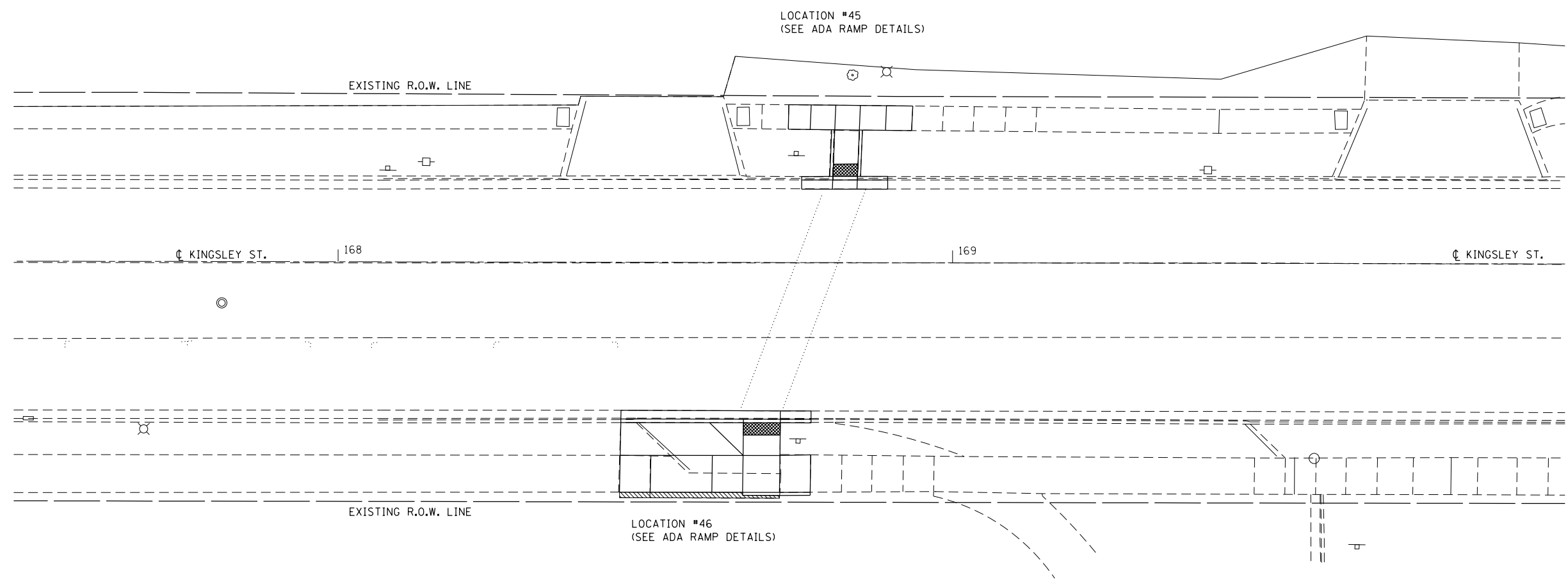
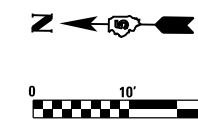
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KINGSLEY ST. AND DRY GROVE RD.
LOCATIONS 43 & 44 RAMP DETAILS**

SCALE: 1"=3'

SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	48
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\DOT PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-ht-intersec-kingsley_mid_school_cross_walk.dwg

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
DRAWN - JLM	CHECKED - JAH	REVISED -
PLOT SCALE = 20.0000' / in.	DATE -	REVISED -
PLOT DATE = 3/2/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KINGSLEY ST. AND JR. HIGH SCHOOL
INTERSECTION PLAN

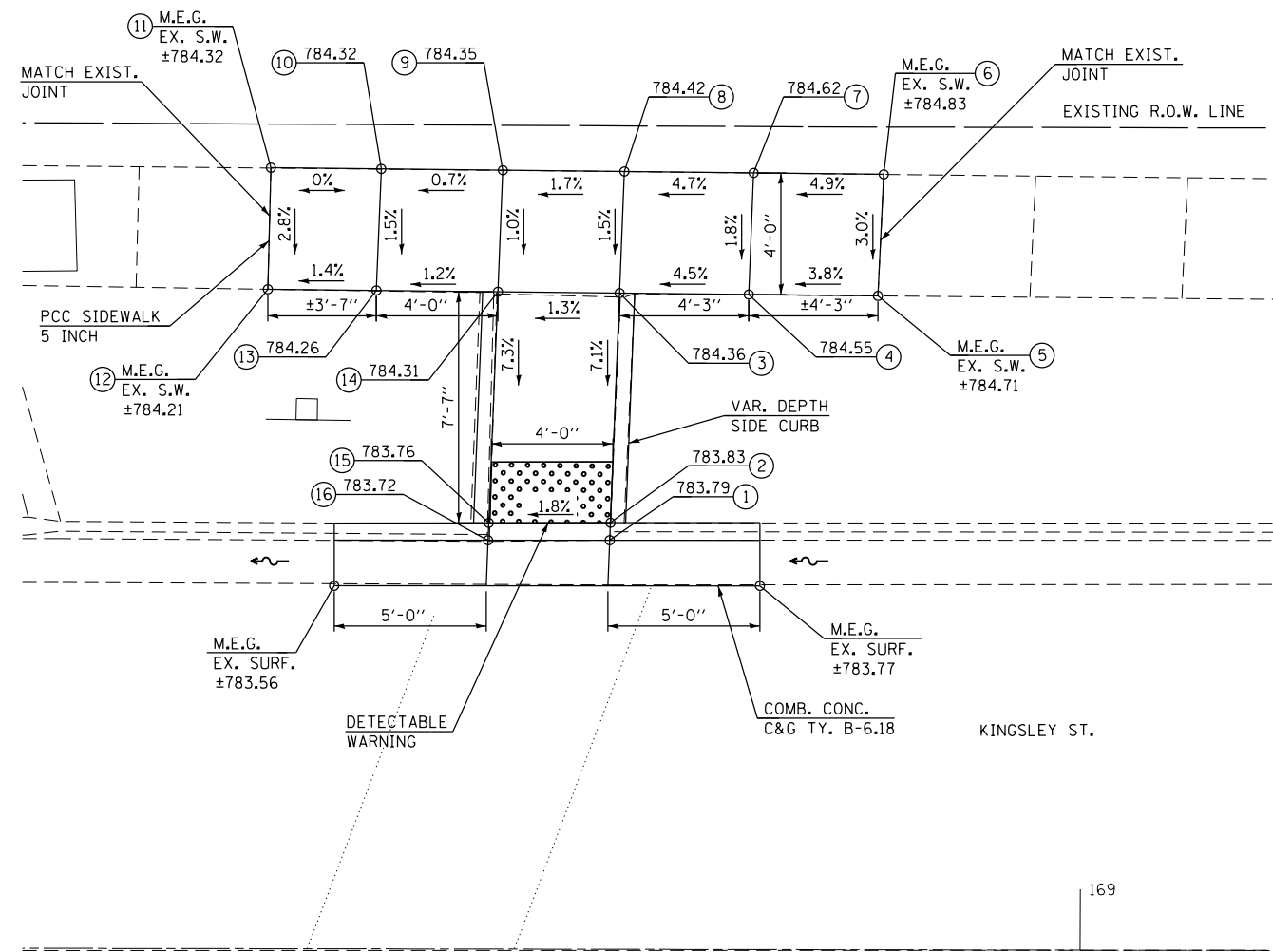
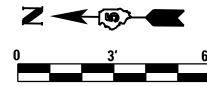
SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	49
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #45 NORTH SIDE OF CROSS WALK
KINGSLEY ST. AT JR. HIGH SCHOOL

LOCATION	STATION	OFFSET
1	168+84.50	LT 13.46
2	168+84.52	LT 14.03
3	168+84.81	LT 21.59
4	168+89.06	LT 21.55
5	168+93.31	LT 21.51
6	168+93.49	LT 25.51
7	168+89.21	LT 25.55
8	168+84.96	LT 25.59
9	168+80.96	LT 25.63
10	168+76.96	LT 25.66
11	168+73.33	LT 25.69
12	168+73.23	LT 21.70
13	168+76.81	LT 21.66
14	168+80.81	LT 21.63
15	168+80.52	LT 14.02
16	168+80.50	LT 13.45

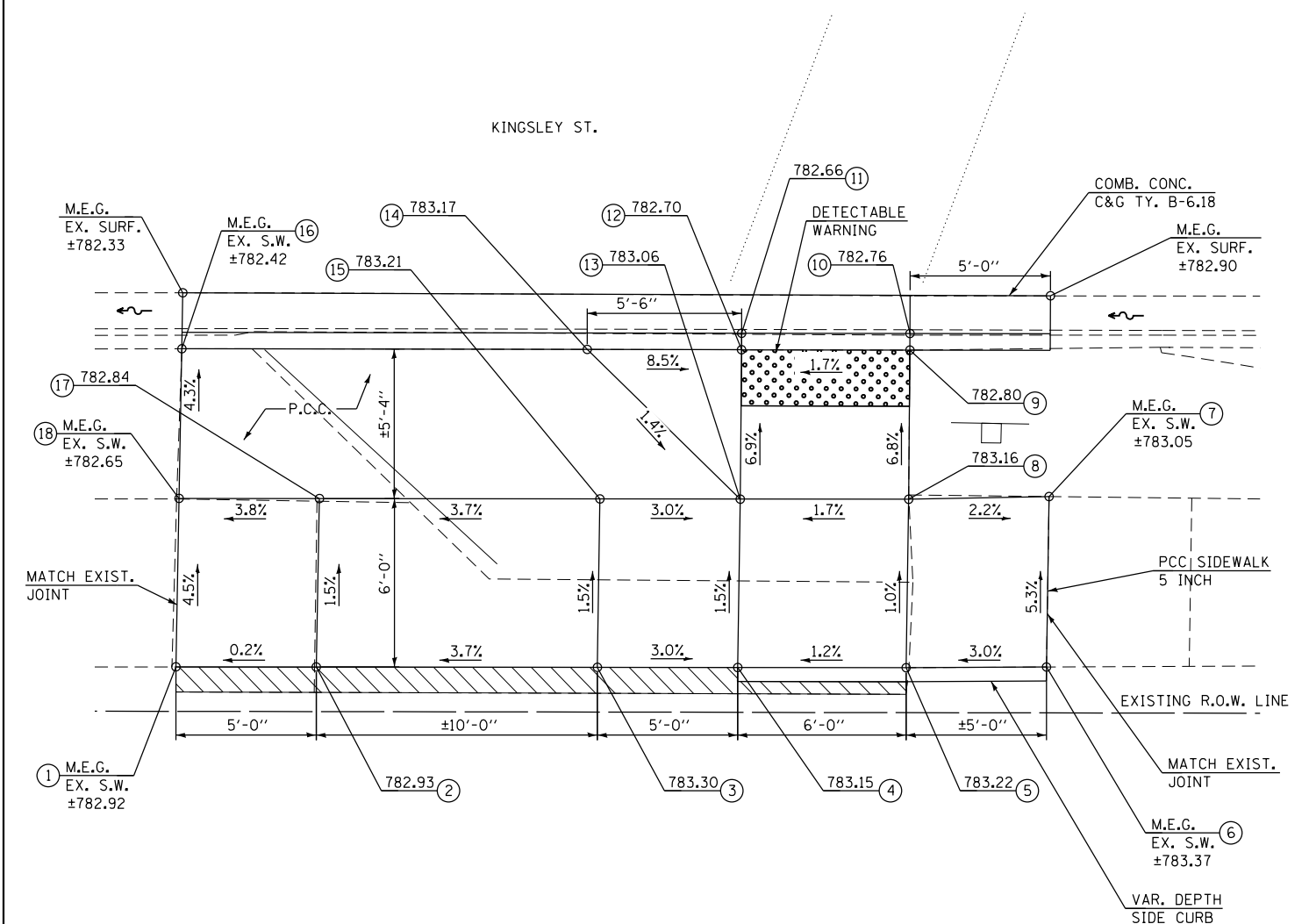
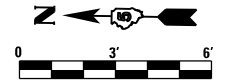
LOCATION #45 EAST SIDE OF CROSS WALK KINGSLEY ST. AT JR. HIGH SCHOOL



LOCATION #46 SOUTH SIDE OF CROSS WALK
KINGSLEY ST. AT JR. HIGH SCHOOL

LOCATION	STATION	OFFSET
1	168+45.88	RT 37.42
2	168+50.88	RT 37.41
3	168+60.90	RT 37.41
4	168+65.90	RT 37.40
5	168+71.90	RT 37.40
6	168+76.90	RT 37.37
7	168+76.98	RT 31.29
8	168+71.98	RT 31.40
9	168+72.01	RT 26.08
10	168+72.01	RT 25.49
11	168+66.02	RT 25.50
12	168+66.01	RT 26.08
13	168+65.98	RT 31.40
14	168+60.51	RT 26.08
15	168+60.98	RT 31.41
16	168+46.07	RT 26.08
17	168+50.98	RT 31.41
18	168+45.98	RT 31.42

LOCATION #46 WEST SIDE OF CROSS WALK KINGSLEY ST. AT JR. HIGH SCHOOL



- NOTES:**
- 1) M.E.G. = MATCH EXISTING GRADE.
 - 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
 - 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
 - 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
 - 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
 - 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

CONCRETE REMOVAL

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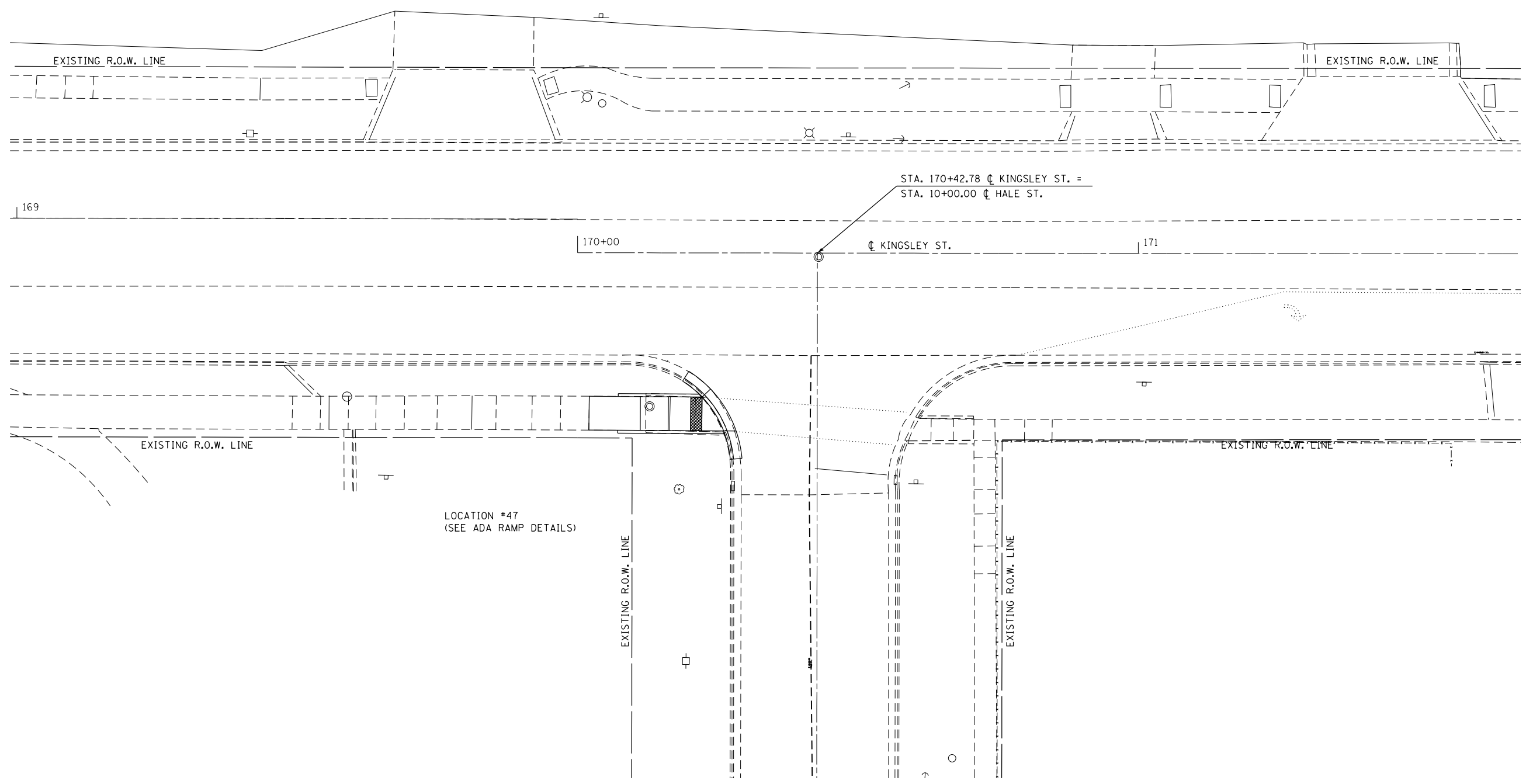
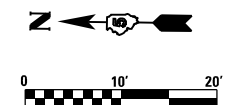
McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISD -
PLOT SCALE = 6.0000' / 1" =	DRAWN - JLM	REVISD -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KINGSLEY ST. AND JR. HIGH SCHOOL CROSS WALK LOCATIONS 45 & 46 RAMP DETAILS	
SCALE: 1"=3'	SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	50
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\DOT PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-hst-intersec-hal.E.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISIONS -	
CHECKED - JAH	REVISIONS -	
DATE -	REVISIONS -	
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/2/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**KINGSLEY ST. AND HALE ST.
 INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	51
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

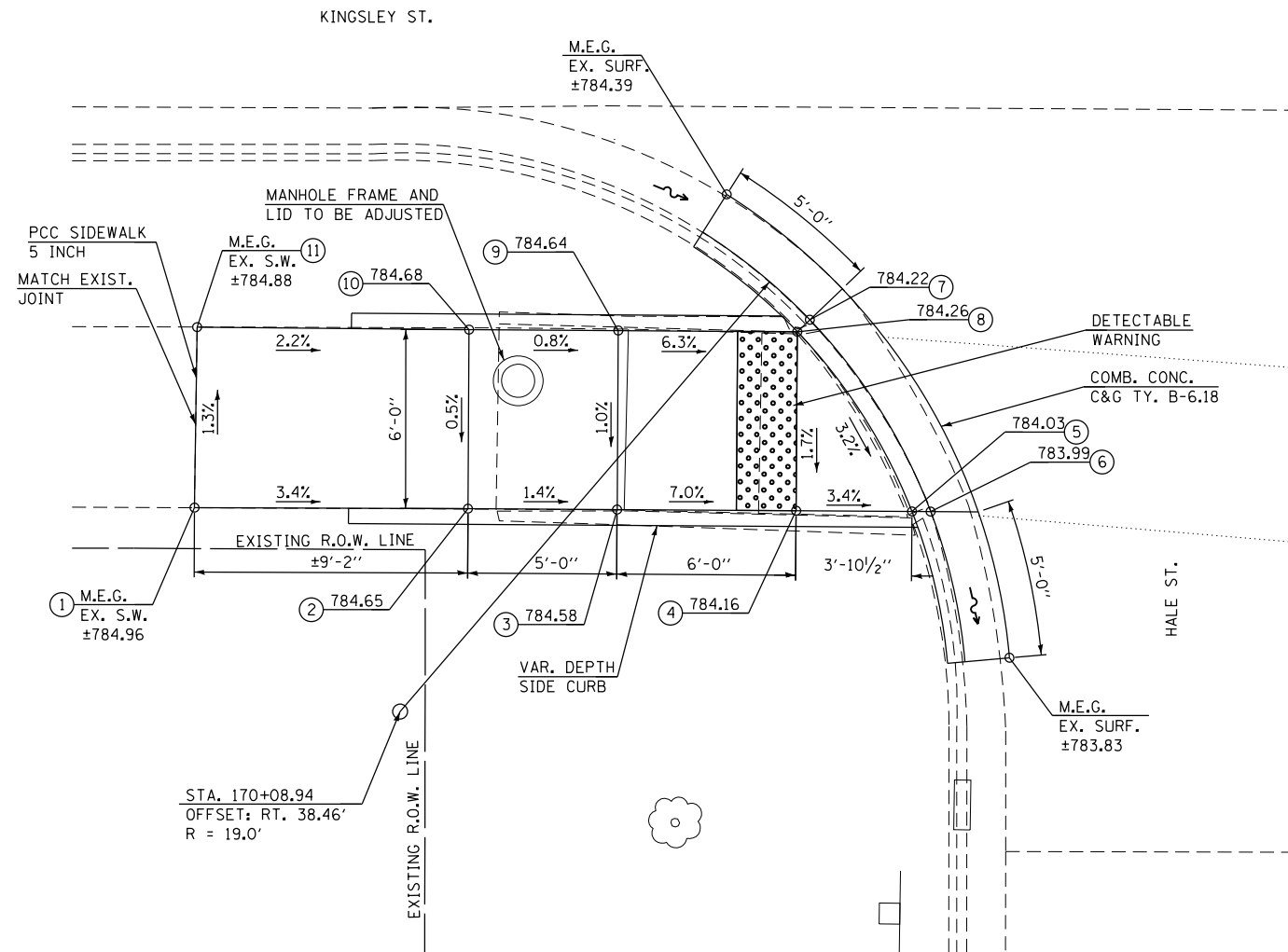
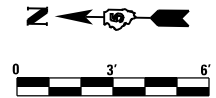
LOCATION #47 N.W. QUADRANT
KINGSLEY ST. & HALE ST.

LOCATION	STATION	OFFSET
1	170+02.03	RT 31.63
2	170+11.20	RT 31.66
3	170+16.20	RT 31.68
4	170+22.20	RT 31.72
5	170+26.08	RT 31.74
6	170+26.71	RT 31.74
7	170+22.65	RT 25.31
8	170+22.23	RT 25.72
9	170+16.23	RT 25.68
10	170+11.23	RT 25.66
11	170+02.12	RT 25.58

LOCATION #47

N.W. QUADRANT

KINGSLEY ST. & HALE ST.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FILE NAME = F:\Projects\16-060-1\DRAWINGS\CADD_sheets\0570446-ht-3sidewalk_ramp_loc_47.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

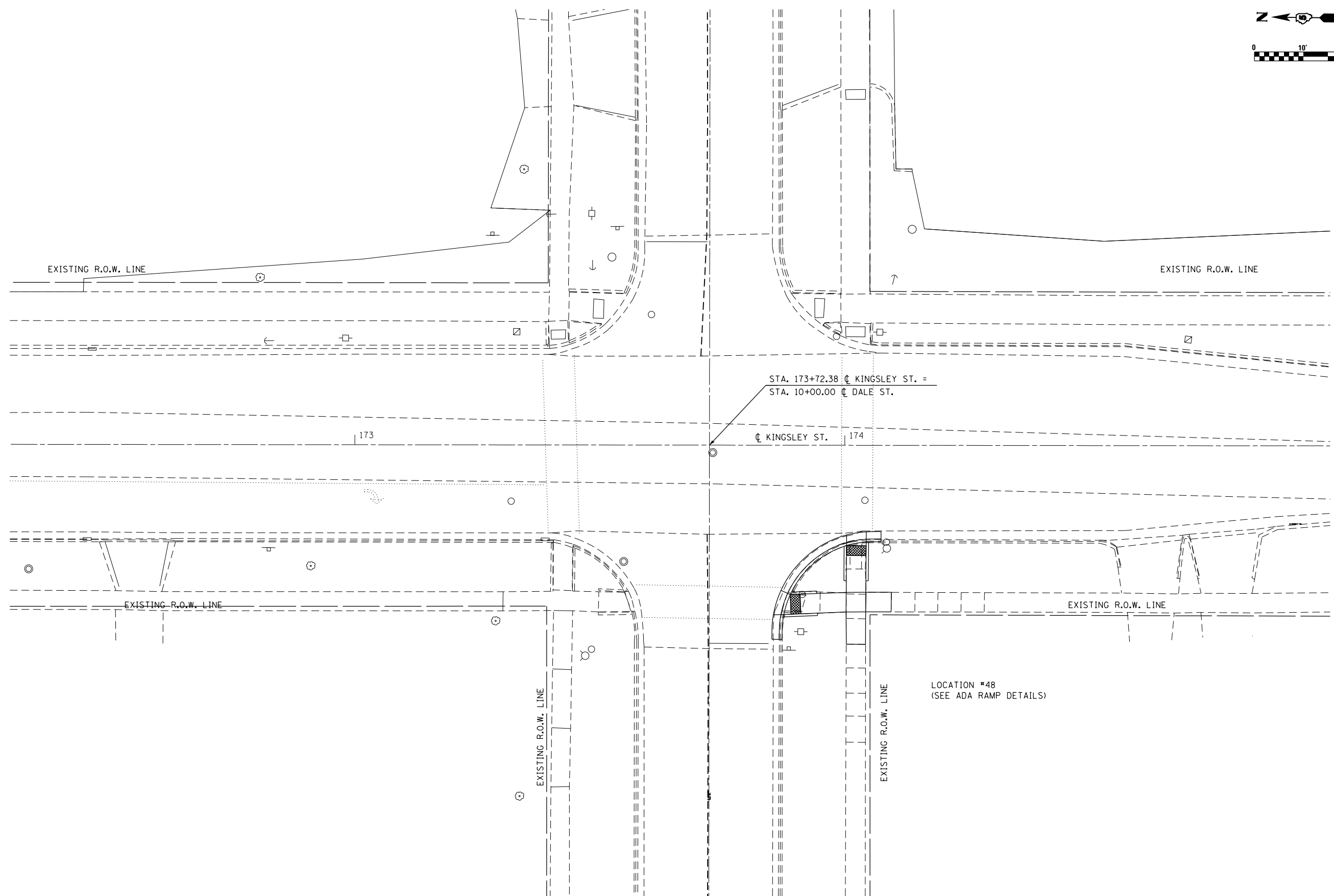
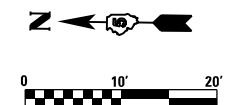
USER NAME = Jlm	DESIGNED - SMA	REVISED -
PLOT SCALE = 6.0000' / 1" =	DRAWN - JLM	REVISED -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KINGSLEY ST. & HALE ST.
LOCATION 47 RAMP DETAIL

SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	52
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\11001 - PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-intersec-DAL.E.dgn

McDonough-Whitlow, P.C.
 Consulting Engineers & Land Surveyors
 PROFESSIONAL DESIGN No. 184-002754

USER NAME = J1m	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISOR -	REVISED -
CHECKED - JAH	REVISOR -	REVISED -
DATE -	REVISOR -	REVISED -
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/2/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**KINGSLEY ST. AND DALE ST.
 INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	53
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

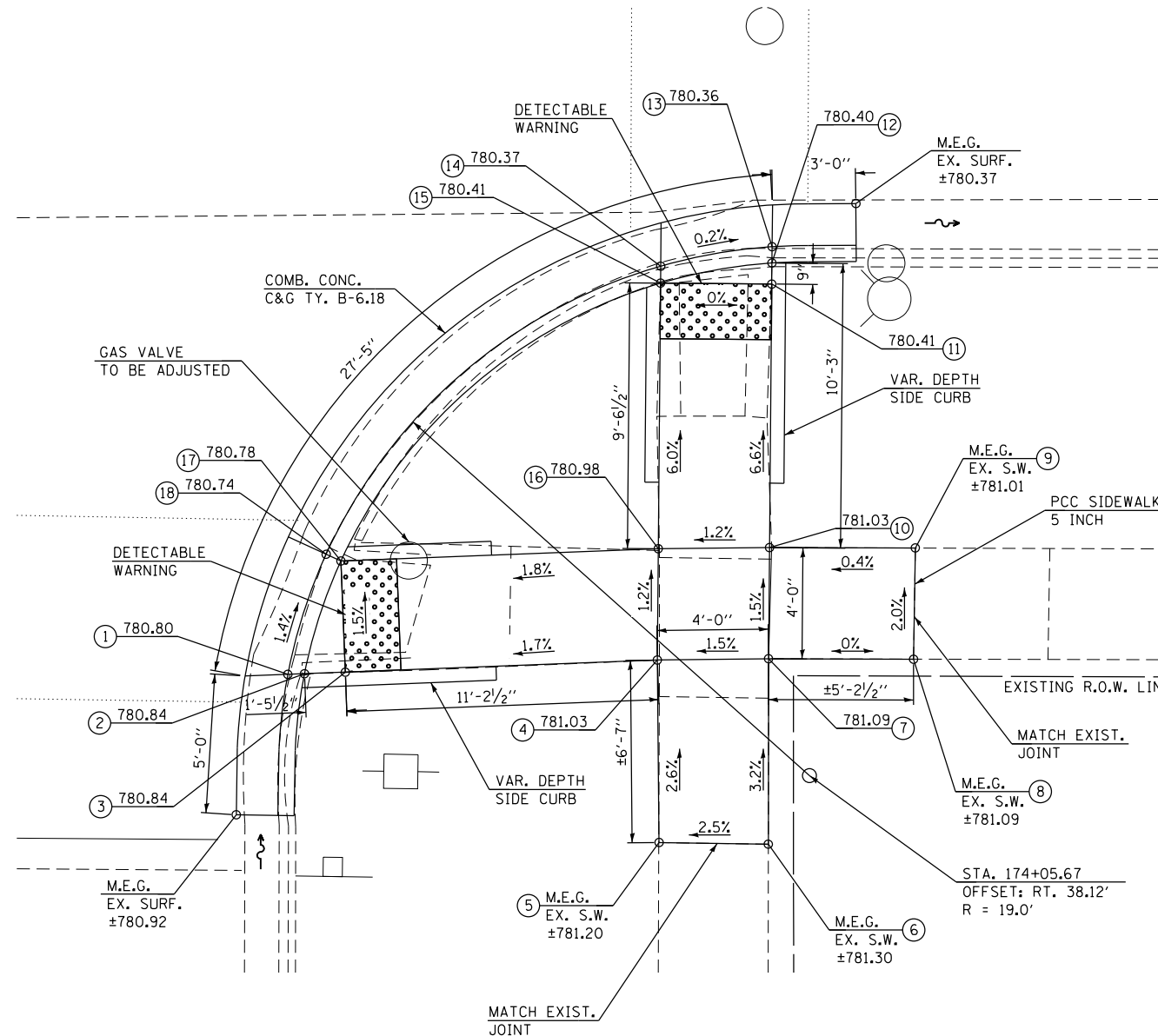
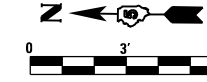
LOCATION #48 S.W. QUADRANT
KINGSLEY ST. & HALE ST.

LOCATION	STATION	OFFSET
1	173+87.00	RT 34.56
2	173+87.60	RT 34.54
3	173+89.07	RT 34.48
4	174+00.29	RT 34.03
5	174+00.36	RT 40.59
6	174+04.29	RT 40.65
7	174+04.29	RT 33.98
8	174+09.50	RT 33.99
9	174+09.56	RT 29.99
10	174+04.32	RT 29.98
11	174+04.39	RT 20.50
12	174+04.40	RT 19.74
13	174+04.40	RT 19.16
14	174+00.39	RT 19.86
15	174+00.39	RT 20.47
16	174+00.32	RT 30.02
17	173+88.91	RT 30.48
18	173+88.38	RT 30.24

LOCATION #48

S.W. QUADRANT

KINGSLEY ST. & DALE ST.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FILE NAME = F:\Projects\100-060-1\DRAWINGS\CADD_sheets\0570446-hst-sidewalk_ramp_loc_48.dgn



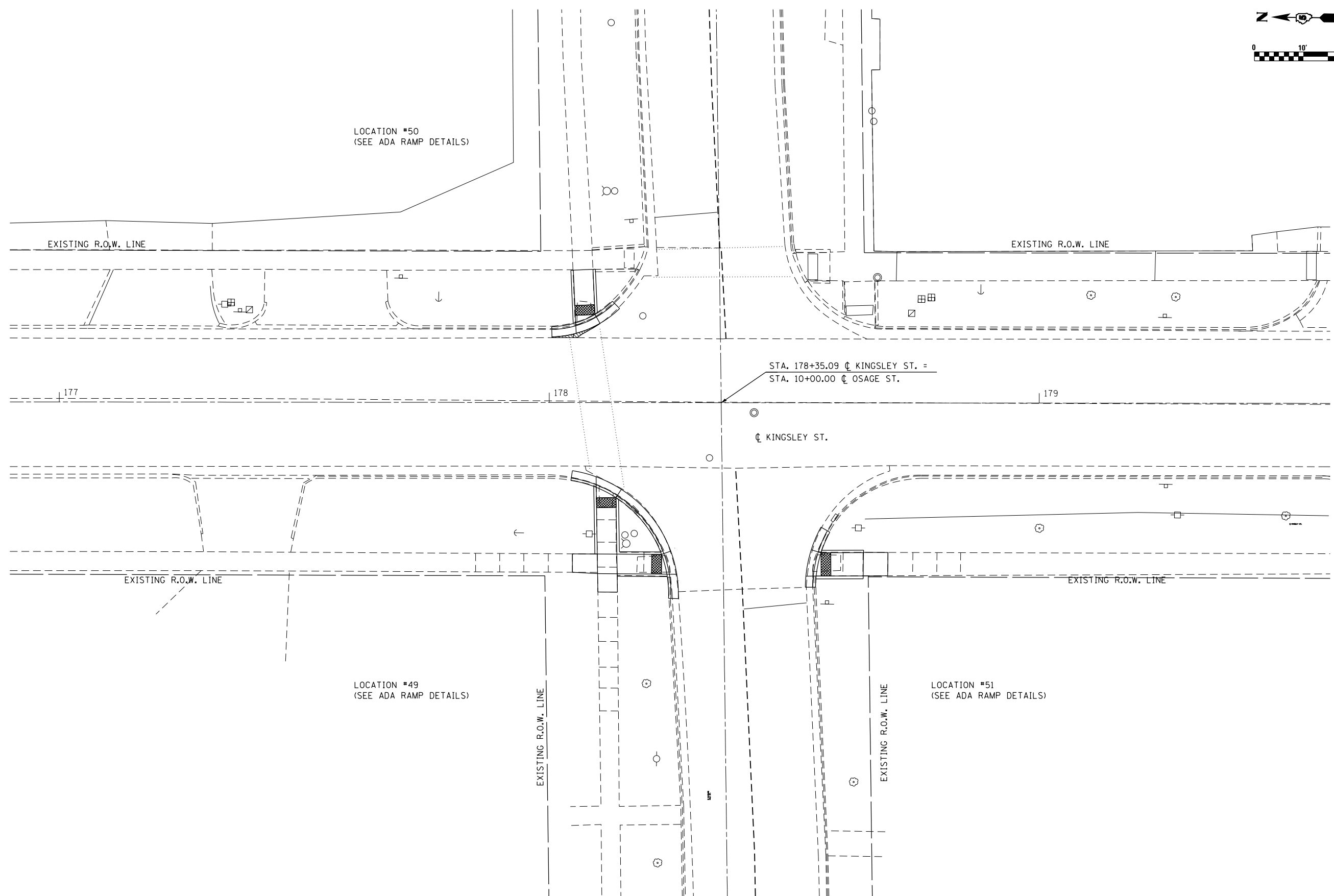
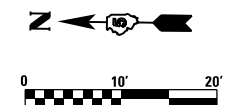
USER NAME = J1m	DESIGNED - SMA	REVISED -
PLOT SCALE = 6.0000' / 1" =	DRAWN - JLM	REVISED -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KINGSLEY ST. AND DALE ST.
LOCATION 48 RAMP DETAIL

SCALE: 1"=3' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	54
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\11001 - PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-htr-intersec-OSAGE.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
DRAWN - JLM	REVISOR -	REVISED -
CHECKED - JAH	REVISOR -	REVISED -
DATE -	REVISOR -	REVISED -
PLOT SCALE = 20.0000' / in.		
PLOT DATE = 3/2/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KINGSLEY ST. AND OSAGE ST.
INTERSECTION PLAN**

SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	55
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

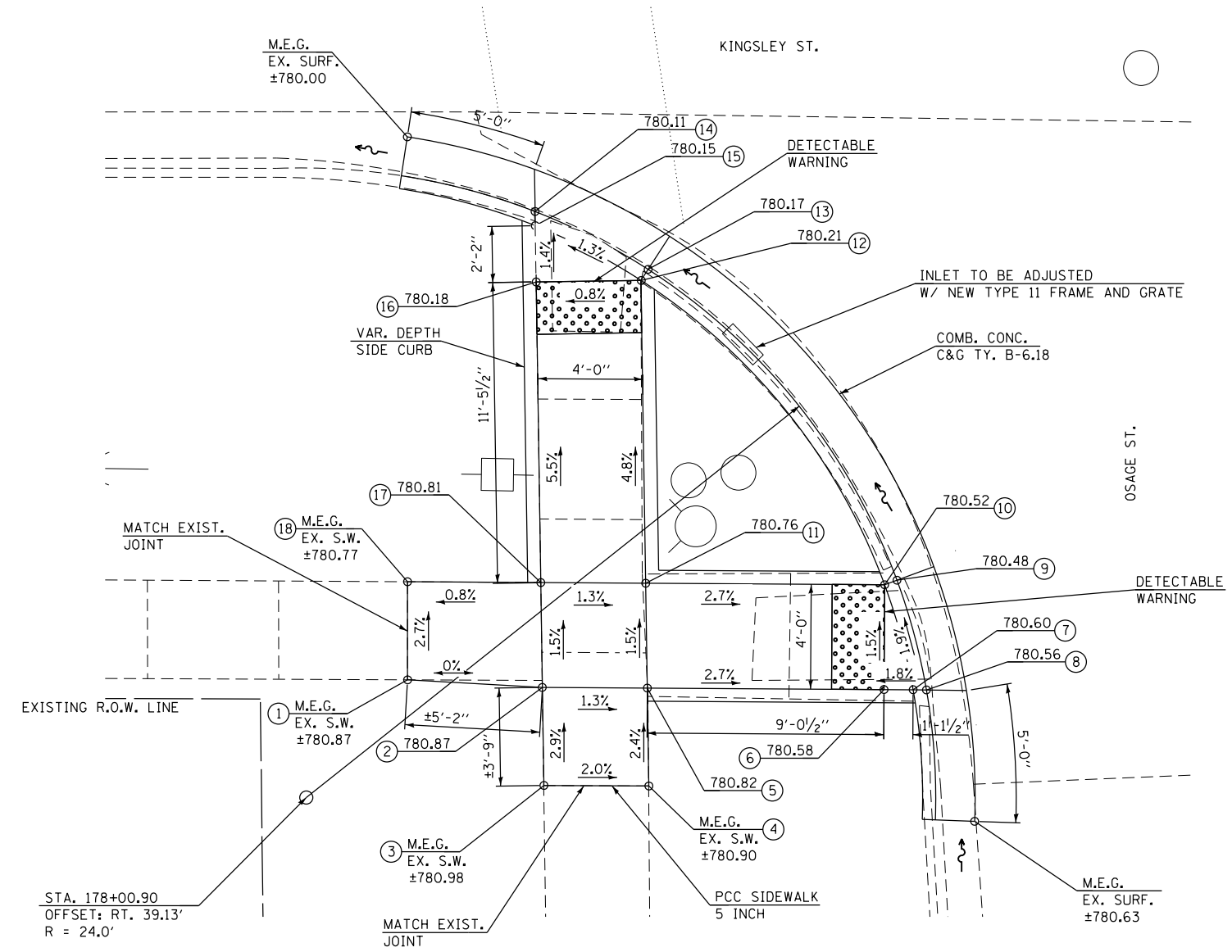
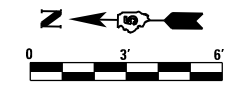
LOCATION #49 N.W. QUADRANT
KINGSLEY ST. & OSAGE ST.

LOCATION	STATION	OFFSET
1	178+04.76	RT 34.64
2	178+09.90	RT 34.92
3	178+09.96	RT 38.66
4	178+13.96	RT 38.68
5	178+13.90	RT 34.94
6	178+22.93	RT 34.99
7	178+24.04	RT 34.99
8	178+24.55	RT 35.00
9	178+23.42	RT 30.81
10	178+22.95	RT 30.99
11	178+13.83	RT 30.94
12	178+13.64	RT 19.38
13	178+13.91	RT 18.96
14	178+09.60	RT 16.76
15	178+09.61	RT 17.30
16	178+09.64	RT 19.45
17	178+09.83	RT 30.92
18	178+04.75	RT 30.90

LOCATION #49

N.W. QUADRANT

KINGSLEY ST. & OSAGE ST.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FILE NAME = F:\Projects\DOT PROJECTS\16-060-1\DRAWINGS\CADD_sheets\0570A46-hst-sidewalk_ramp loc. 49.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
PLOT SCALE = 6.0000' / 1" =	DRAWN - JLM	REVISED -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KINGSLEY ST. AND OSAGE ST.
LOCATION 49 RAMP DETAIL

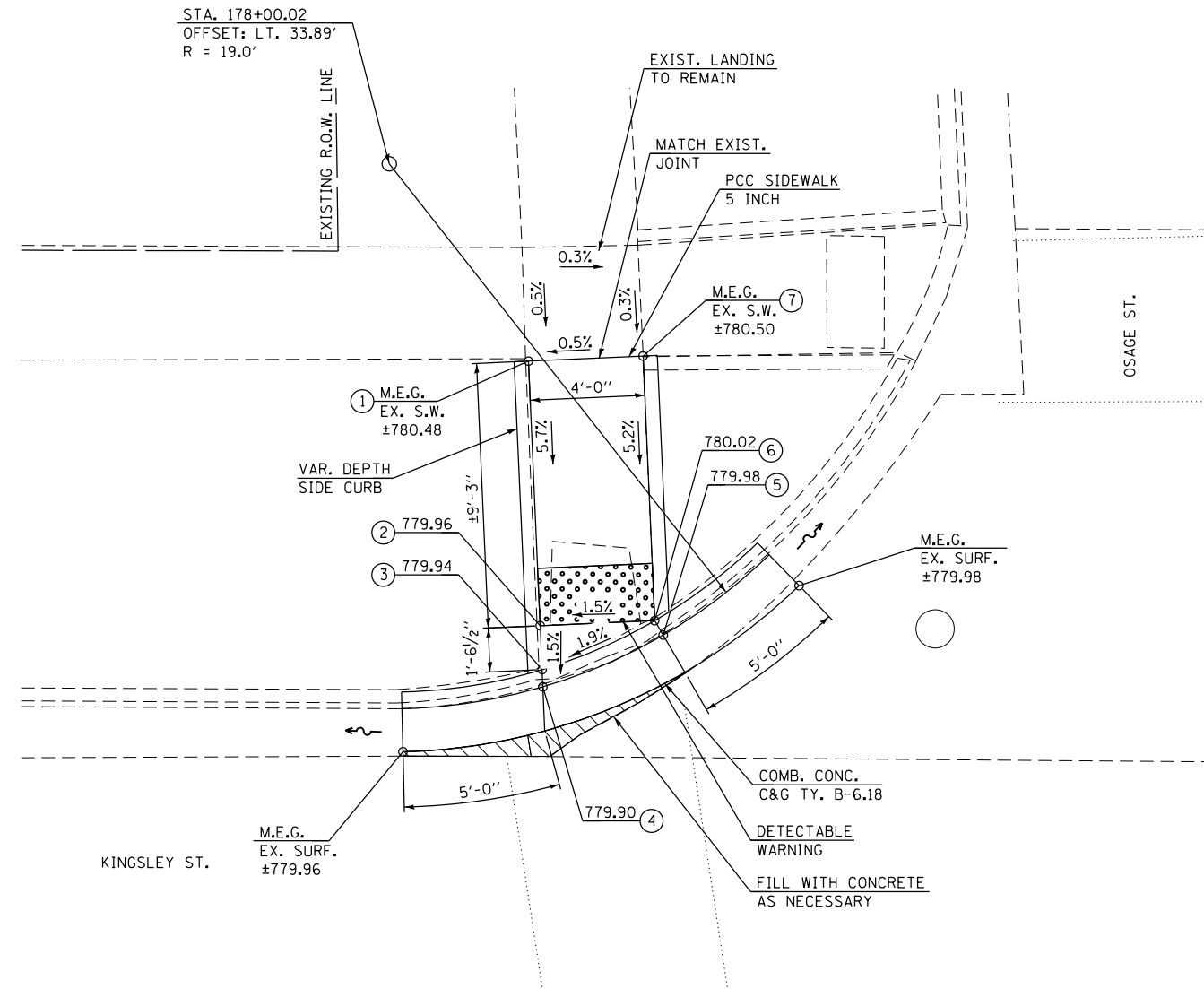
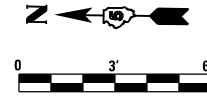
SCALE: 1"=3' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	56
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

LOCATION #50 N.E. QUADRANT
U.S. RTE. 51 (MAIN ST.) & OSAGE ST.

LOCATION	STATION	OFFSET
1	178+04.88	LT 27.02
2	178+05.30	LT 17.79
3	178+05.37	LT 16.26
4	178+05.40	LT 15.66
5	178+09.59	LT 17.47
6	178+09.30	LT 17.98
7	178+08.88	LT 27.20

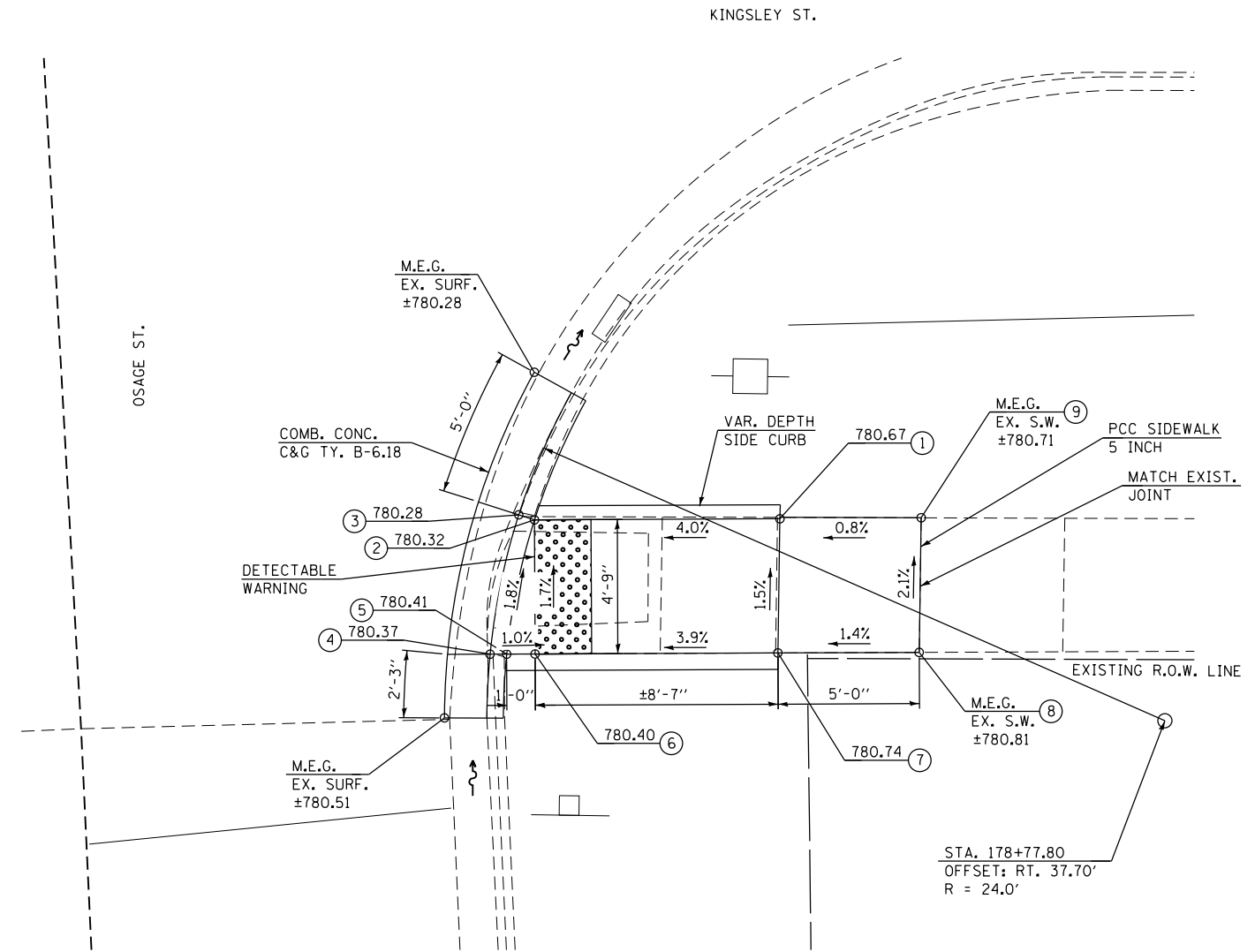
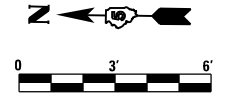
LOCATION #50 N.E. QUADRANT U.S. 51 (MAIN ST.) & OSAGE ST.



LOCATION #51 S.W. QUADRANT
U.S. RTE. 51 (MAIN ST.) & OSAGE ST.

LOCATION	STATION	OFFSET
1	178+64.17	RT 30.57
2	178+55.48	RT 30.61
3	178+54.93	RT 30.44
4	178+53.92	RT 35.37
5	178+54.50	RT 35.37
6	178+55.51	RT 35.36
7	178+64.10	RT 35.32
8	178+69.10	RT 35.29
9	178+69.17	RT 30.53

LOCATION #51 S.W. QUADRANT U.S. 51 (MAIN ST.) & OSAGE ST.



NOTES:

- 1) M.E.G. = MATCH EXISTING GRADE.
- 2) EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- 3) MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE <1.5% PREFERRED.
- 4) MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE <1.5% PREFERRED.
- 5) MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- 6) MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE <1.5% PREFERRED.

FILE NAME = F:\Projects\100-060-1\DRAWINGS\CADD_sheets\0570A46-rht-sidewalk_ramp_loc_50-51.dgn

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
PROFESSIONAL DESIGN No. 184-002754

USER NAME = Jlm	DESIGNED - SMA	REVISED -
PLOT SCALE = 6.0000' / 1" =	DRAWN - JLM	REVISED -
PLOT DATE = 3/2/2017	CHECKED - JAH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. 51 (MAIN ST.) & OSAGE ST.
LOCATIONS 50 & 51 RAMP DETAILS**

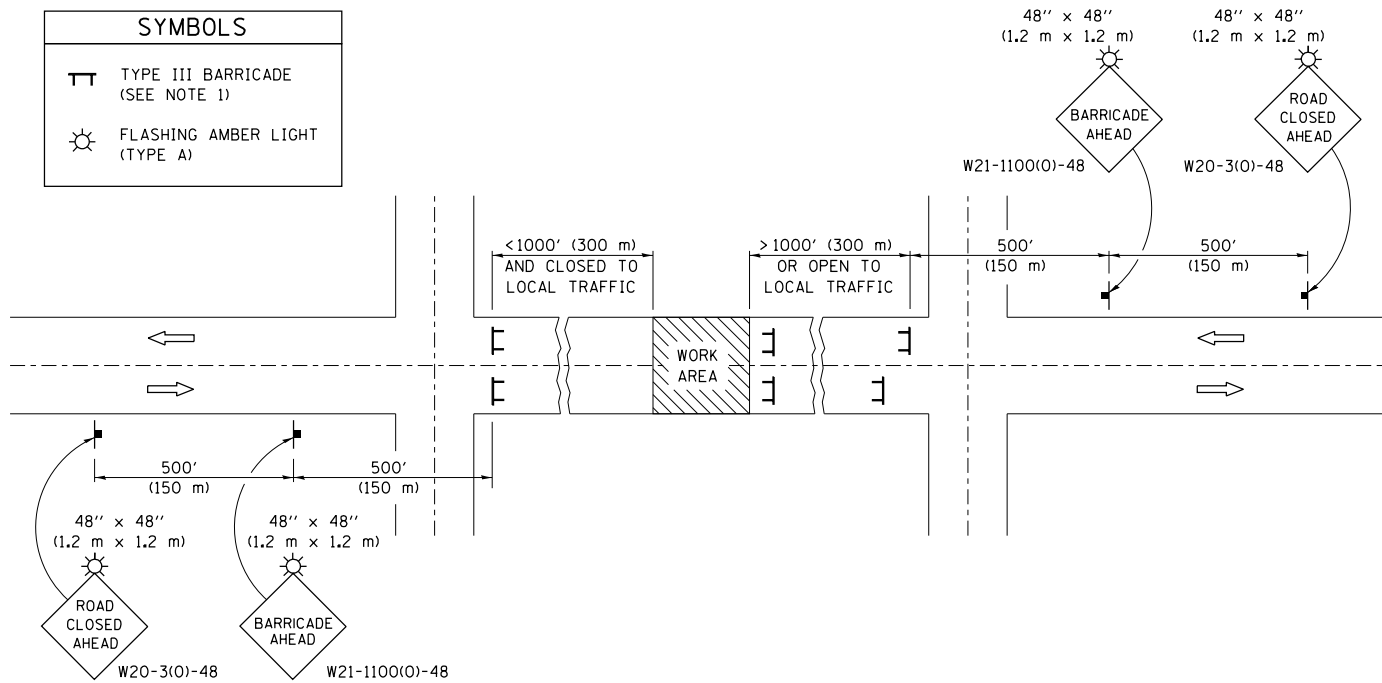
SCALE: 1"=3' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	McLEAN	58	57
CONTRACT NO. 70A46				
ILLINOIS FED. AID PROJECT				

ROAD CLOSURE

SIDEROAD / STREET CLOSURE

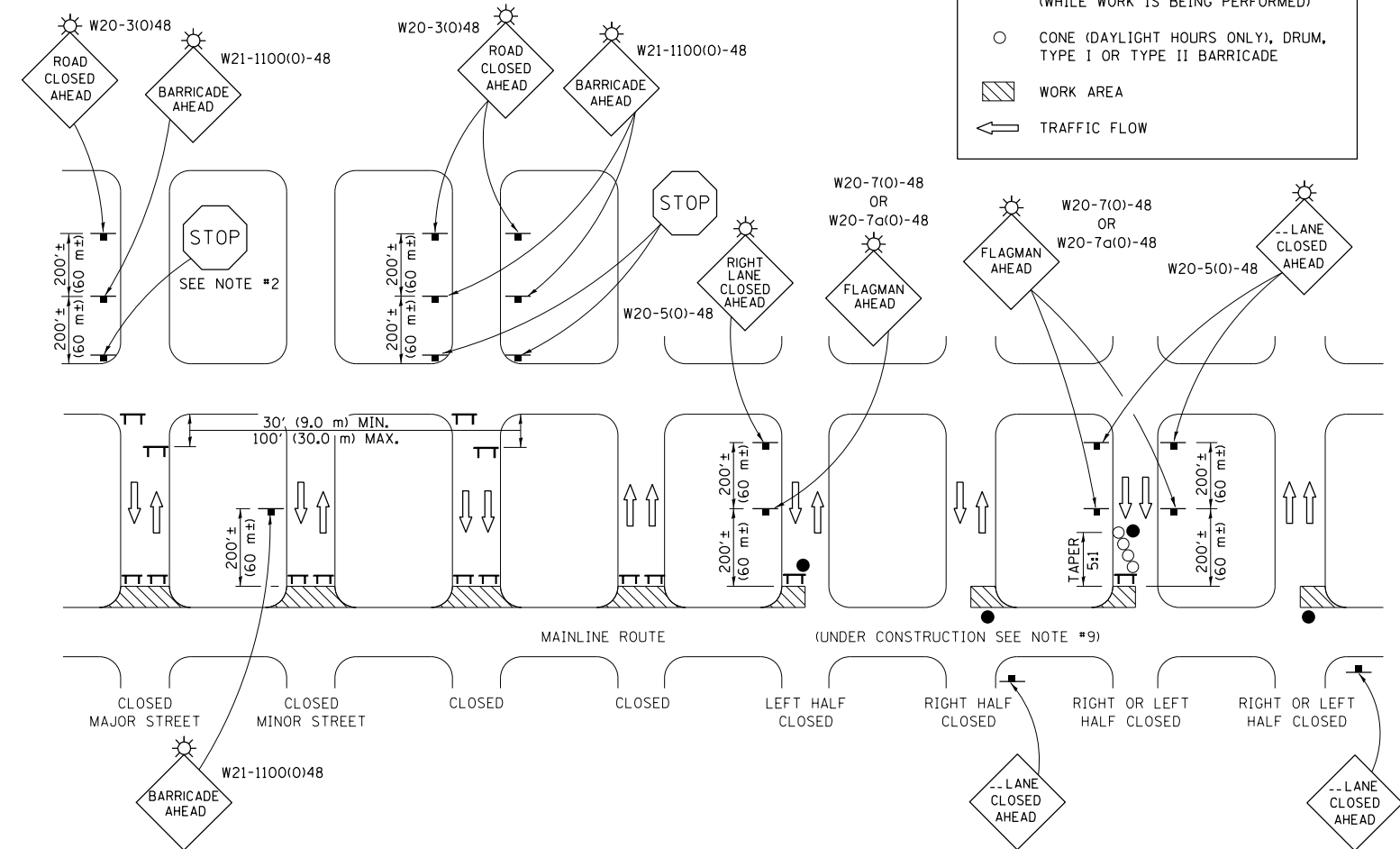
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7020000

USER NAME = Jim	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 12/07
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED - 09/09 - KJT
PLOT DATE = 3/2/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES
(ROAD & SIDEROAD/STREET CLOSURES)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	D5 ADA-1	MCLEAN	58	58
CONTRACT NO. 70A46				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				