

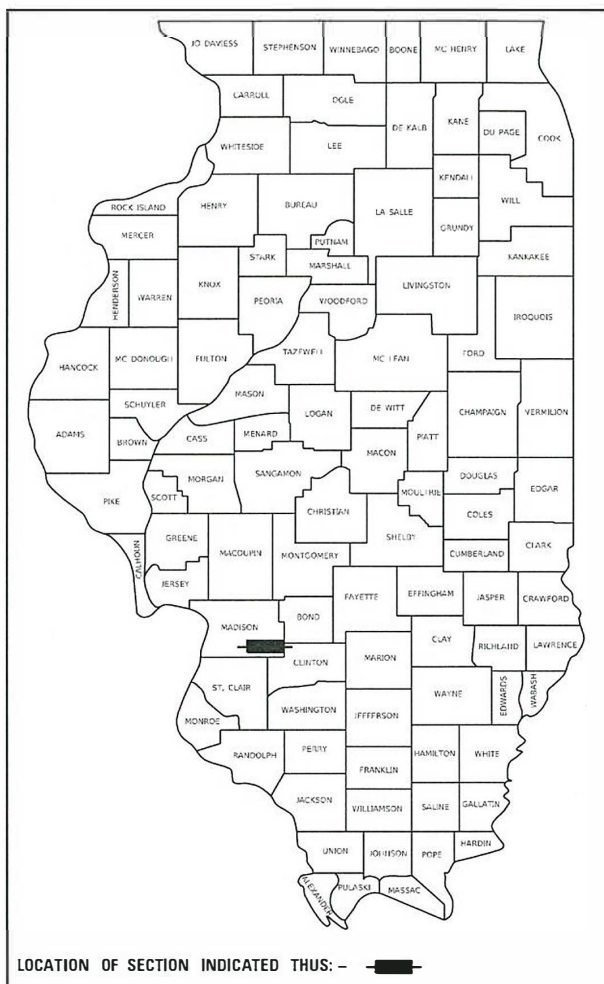
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	1
CITY OF HIGHLAND		ILLINOIS	CONTRACT NO. 97735	

06-12-2020 LETTING, ITEM 217

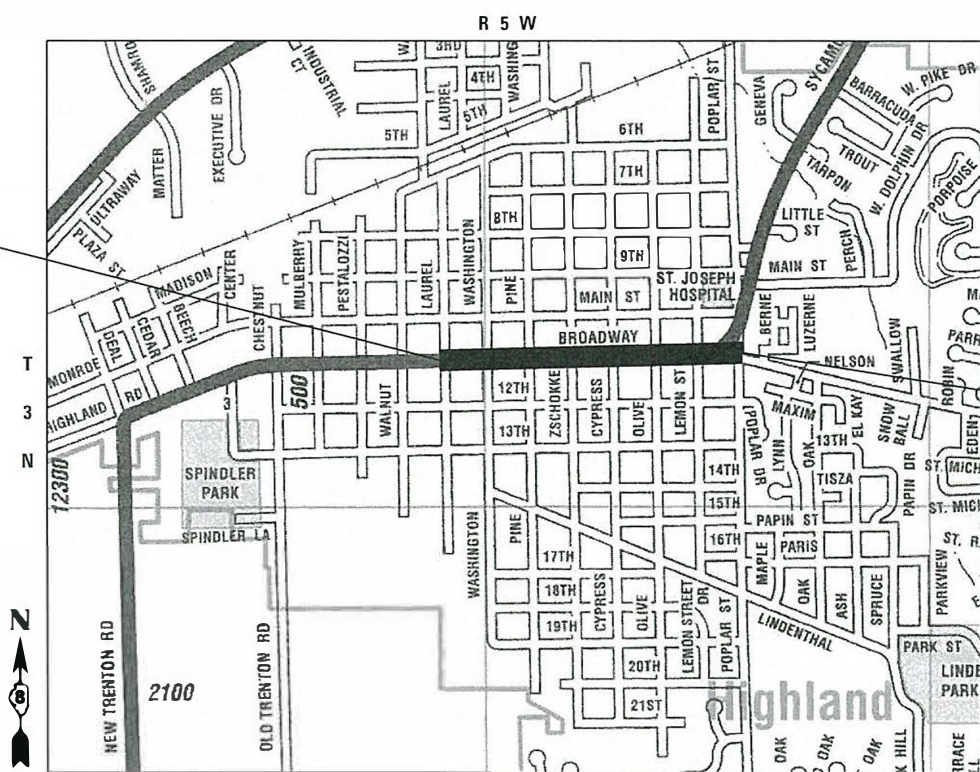
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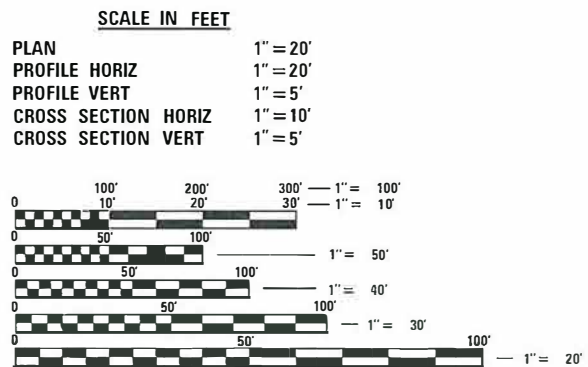
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
ITEP FUNDS
CITY OF HIGHLAND
BROADWAY (IL RTE 160) (F.A.P. 690)
STREETScape PHASE I
MADISON COUNTY
SECTION 18-00072-00-LS
PROJECT NO. BZ53(438)
JOB NO. C-98-006-20



BEGIN CONSTRUCTION
STA. 863 + 45.5



END CONSTRUCTION
STA. 888 + 42.3



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.

LOCATION MAP

SCALE: 1" = 2,500'
GROSS LENGTH = 2,496.83 FT. = 0.473 MILE
NET LENGTH = 2,496.83 FT. = 0.473 MILE

DESIGN DESIGNATION

IL ROUTE 160 (BROADWAY) - MINOR ARTERIAL
DESIGN SPEED - 35 MPH
CURRENT ADT (2019) - 7,950
DESIGN YEAR ADT (2039) - 9,700

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED April 1, 2020 DATE
Joseph R. Michaelis
JOSEPH MICHAELIS MAYOR OF HIGHLAND

PASSED May 7, 2020 DATE
Jim A. Ashman
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR B10
BASED ON LIMITED
REVIEW May 7, 2020 DATE
Keith Roberts
REGION FIVE ENGINEER



Steven M. Keil 04/03/20
STEVEN M. KEIL, P.E. Date
11/30/2021

Collinsville 100 Lamber Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis 720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

Belleville 20 East Main Street
Belleville, IL 62200
618.416.4688
www.oatesassociates.com

St. Charles 330 North Main, Suite 201
St. Charles, MO 63301
636.493.6277

ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

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GENERAL NOTES

UTILITIES

1. ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
2. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. REFER TO THE "STATUS OF UTILITIES TO BE ADJUSTED" SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

CHARTER COMMUNICATIONS (COMMUNICATIONS)
 815 CHARTER COMMONS
 TOWN & COUNTRY, MO 63017
 CONTACT: KEVIN WALTZ
 (314) 393-5028

CITY OF HIGHLAND (WATER, SEWER, ELECTRIC, & FIBER)
 2610 BROADWAY
 HIGHLAND, IL 62249
 CONTACT: DAN COOK (ELECTRIC/FIBER)
 (618) 654-7511
 CONTACT: RANDY RINDERER (WATER/SEWER)
 (618) 654-6823

AMEREN IP (GAS)
 2600 NORTH CENTER
 MARYVILLE, IL 62062
 CONTACT: JOHN WESTERHEIDE
 (618) 346-1245

FRONTIER-SOUTH (COMMUNICATIONS)
 111 EAST STATE STREET
 MASCOUTAH, IL 62258
 CONTACT: CHRIS MARTIN
 (618) 566-9815

GENERAL

3. THE CONTRACTOR SHALL PROVIDE 6" DIAMETER BLOCKOUTS WITH PVC SLEEVES IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR PORTLAND CEMENT CONCRETE SIDEWALK
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
5. THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
6. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL FERTILIZE AND SOD ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER AND SOD WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER AND SOD OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SODDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
8. WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND THE STUMP AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS TREE REMOVAL ITEMS INCLUDED IN THE CONTRACT.
9. IF ASH TREES ARE TO BE REMOVED FROM THE PROJECT, THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. IDOA INFORMATION REGARDING ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.

10. ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT AND THE COST OF THIS REMOVAL WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
11. THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
12. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES AND SIDE ROADS. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS PCC DRIVEWAY PAVEMENT ITEMS INCLUDED IN THE CONTRACT.
13. AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
14. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.
15. WHERE PROPOSED IMPROVEMENTS DISTURB DECORATIVE LANDSCAPING, THE CONTRACTOR SHALL REPAIR THE DECORATIVE LANDSCAPING TO ITS ORIGINAL CONDITION UPON THE COMPLETION OF THE PROPOSED WORK. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
16. CONTRACTOR SHALL REMOVE, STORE, AND REINSTALL PRIVATE DECORATIVE PLANTERS AND OTHER ITEMS INTERFERING WITH CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY.
17. THE CONTRACTOR SHALL DETERMINE BACK OF CURB ELEVATIONS FROM THE EXISTING EDGE OF PAVEMENT. LOCAL AREAS OF DEFECTS (RUTTING, SPALLING, BREAK-OFFS ETC.) AT THE EDGE OF PAVEMENT SHALL NOT BE USED TO DETERMINE THE BACK OF CURB GRADE. THE INTENT IS TO HAVE A SMOOTH LINE FOR THE BACK OF CURB.
18. AT 1013 BROADWAY, 1017 BROADWAY, AND 1019 BROADWAY, POSTS SUPPORTING ROOFS OVER SIDEWALKS MAY INTERFERE WITH SIDEWALK REMOVAL AND REPLACEMENT. THE CONTRACTOR SHALL NOT DISTURB THESE POST. IF NECESSARY, THE CONTRACTOR WILL SAWCUT THE SUPPORTING PAVEMENT AROUND THE PERIMETER OF THE POST. EXPANSION JOINTS OR CAULKING AS APPROVED BY THE ENGINEER MAY BE NECESSARY ADJACENT TO THE PROPOSED SIDEWALK. THE CONTRACTOR SHALL SUPPORT THE ROOFS AS REQUIRED AND AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR SIDEWALK.
19. WHERE POSSIBLY, THE CONTRACTOR SHALL TIE PIPE DRAINS, 4" AND PIPE DRAINS, 6" INTO ADJACENT DRAINAGE STRUCTURES AT NO ADDITIONAL COST. IF THIS IS NOT FEASIBLE, PIPE DRAINS WILL BE DAYLIGHTED A MINIMUM OF 10' FROM STATE ROW

APPROXIMATE QUANTITIES, SYMBOLS & ABBREVIATIONS

19. THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

AGGREGATE FOR TEMPORARY ACCESS	100 TON
PIPE DRAINS 4"	250 FEET
PIPE DRAINS 6"	250 FEET
NON-SPECIAL WASTE DISPOSAL	190 CU YD
REGULATED SUBSTANCES MONITORING	6 CALENDAR DAYS
UNDERGROUND STORAGE TANK REMOVAL	1 EACH
SEALING OF ABANDONED MONITORING WELLS	11 EACH
SOIL DISPOSAL ANALYSIS	11 EACH
LOCATING UNDERGROUND CABLE	250 FEET

20. THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
DEC	DECORATIVE
DND	DO NOT DISTURB
ESMT	EASEMENT
ELEV	ELEVATION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TUP	TEMPORARY USE PERMIT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

COMMITMENTS

1. ONE ENTRANCE SHALL BE KEPT OPEN AT ALL TIMES FOR PROPERTIES WITH MULTIPLE ENTRANCES.
2. MAINTAIN BUILDING ACCESS TO FAMILY CARE PROPERTIES, LLC AT ALL TIMES.

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-05	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRICAL SERVICE INSTALL DETAILS
814001-03	HANDHOLES
821101-02	LUMINAIRE WIRING IN POLE
825021-04	LIGHTING CONTROLLER BASE MOUNTED, 240V
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

MODEL: Default
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USER NAME = matt.fields	DESIGNED - _____	REVISED - _____
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PLOT DATE = 5/15/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, HIGHWAY STANDARDS, AND COMMITMENTS

SCALE: _____	SHEET 1 OF 1 SHEETS	STA. _____ TO STA. _____	F.A.P. RTE. 690	SECTION 18-0072-00-L5	COUNTY MADISON	TOTAL SHEETS 62	SHEET NO. 2
						CONTRACT NO. 97735	
						CITY OF HIGHLAND ILLINOIS FED. AID PROJECT	

SI	SP	CODE NO.	ITEM		TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	ELECTRICAL
						0031	0031
*		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	174	174	
*		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30	30	
*		20101400	NITROGEN FERTILIZER NUTRIENT	POUND	31	31	
*		20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	31	31	
*		20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	31	31	
		20200100	EARTH EXCAVATION	CU YD	1,180	1,180	
		• 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,618	2,618	
*		25200100	SODDING	SQ YD	2,618	2,618	
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100	
		28000500	INLET AND PIPE PROTECTION	EACH	17	17	
		35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	7,539	7,539	
		35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	156	156	
		35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	788	788	
		• 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	100	

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

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USER NAME = matt.felds
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PLOT DATE = 4/9/2020

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REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES
SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-L5	MADISON	62	3
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97735				

SI	SP	CODE NO.	ITEM		TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	ELECTRICAL
						0031	0031
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	354	354	
		40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	93	93	
		40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	352	352	
		40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	35	35	
		40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	27	27	
		▪ 42001300	PROTECTIVE COAT	SQ YD	6,581	6,581	
		▪ 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1,324	1,324	
		▪ 42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	30,447	30,447	
		▪ 42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	3,902	3,902	
		▪ 42400800	DETECTABLE WARNINGS	SQ FT	772	772	
		44000100	PAVEMENT REMOVAL	SQ YD	1,383	1,383	
		▪ 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,648	1,648	
		44000300	CURB REMOVAL	FOOT	3,349	3,349	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	990	990	

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

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PLOT DATE = 4/9/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE:	SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	4
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM		TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	ELECTRICAL
						0031	0031
	*	44000600	SIDEWALK REMOVAL	SQ FT	26,930	26,930	
		60100905	PIPE DRAINS 4"	FOOT	250	250	
		60100915	PIPE DRAINS 6"	FOOT	250	250	
		60255500	MANHOLES TO BE ADJUSTED	EACH	5	5	
		60260100	INLETS TO BE ADJUSTED	EACH	6	6	
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	32	32	
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4,327	4,327	
	*	66900105	UNDERGROUND STORAGE TANK REMOVAL	EACH	1	1	
	*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	190	190	
	*	66900530	SOIL DISPOSAL ANALYSIS	EACH	11	11	
	*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1	
	*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1	
	*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	6	6	
		67100100	MOBILIZATION	L SUM	1	1	

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

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USER NAME = matt.fields
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 PLOT DATE = 4/9/2020

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 DATE -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	5
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM		TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	ELECTRICAL
						0031	0031
*		67201100	SEALING ABANDONED MONITORING WELLS	EACH	11	11	
*	▪	72000100	SIGN PANEL - TYPE 1	SQ FT	285.0	285.0	
*	▪	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	190.0	190.0	
*		78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3.1	3.1	
*		78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	443	443	
*		78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	2,307	2,307	
*		78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	281	281	
*		80300100	LOCATING UNDERGROUND CABLE	FOOT	250	250	
*		80400100	ELECTRIC SERVICE INSTALLATION	EACH	2		2
*		81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	700		700
*		81400100	HANDHOLE	EACH	11		11
*		81603022	UNIT DUCT, 600V, 4-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1,100		1,100
*		81603083	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	100		100
*		81603110	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2,900		2,900

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

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DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 4 OF 6 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	6
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM		TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	ELECTRICAL
						0031	0031
*		81603136	UNIT DUCT, 600V, 5-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2,800		2,800
*		82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	2		2
*		84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	32		32
*		84200804	REMOVAL OF POLE FOUNDATION	EACH	32		32
*		84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2		2
*	▪	85100100	PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	14	14	
*	▪	A2004416	TREE, GINKGO BILOBA (GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	
*	▪	A2005516	TREE, NYSSA SYLVATICA (BLACK TUPELO), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4	
*	▪	A2008518	TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7	
*	▪	A3005238	TREE, ZELKOVA SERRATA GREEN VASE (GREEN VASE ZELKOVA), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
*	▪	B2000116	TREE, ACER CAMPESTRE (HEDGE MAPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	5	
*	▪	B2010042	TREE, CHIONANTHUS VIRGINICUS (WHITE FRINGETREE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6	
*	▪	C2012724	SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 2' HEIGHT, BALLED AND BURLAPPED	EACH	3	3	
	▪	LR430050	CONCRETE PAVER SIDEWALK	SO YD	1,464	1,464	

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-L5	MADISON	62	7
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97735				

SI	SP	CODE NO.	ITEM		TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	ELECTRICAL
						0031	0031
*	•	X0324181	DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	EACH	1		1
	•	X0327018	DECORATIVE SIGN POST	EACH	16	16	
	•	X0327880	WAYFINDING SIGN, SPECIAL	L SUM	1	1	
	•	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	1,538	1,538	
	•	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
*	•	X8140115	HANDHOLE TO BE ADJUSTED	EACH	14	14	
*	•	X8212031	LUMINAIRE, TYPE A (SPECIAL)	EACH	46	46	
*	•	X8212032	LUMINAIRE, TYPE B (SPECIAL)	EACH	33	33	
*	•	X8360210	LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL	FOOT	368	368	
*	•	XX009376	WOOD POLE, 45 FT, CLASS 3	EACH	2		2
*	•	XX009377	DECORATIVE LIGHT POLE TYPE A	EACH	33	33	
*	•	XX009378	DECORATIVE LIGHT POLE TYPE B	EACH	13	13	
#		Z0076600	TRAINEES	Hour	1,000		
#		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1,000		

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS # 0042
SI - SPECIALTY ITEM

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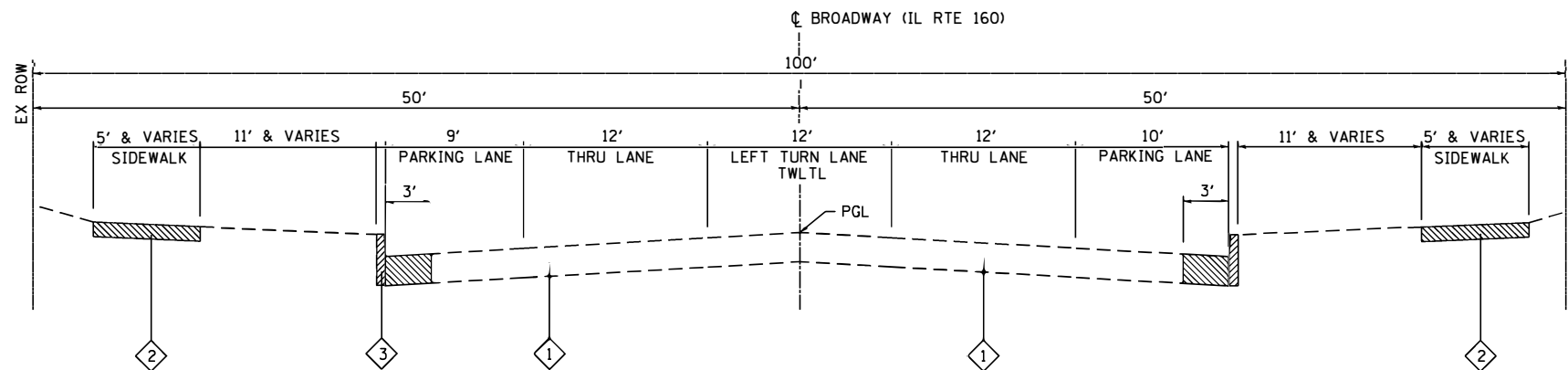
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

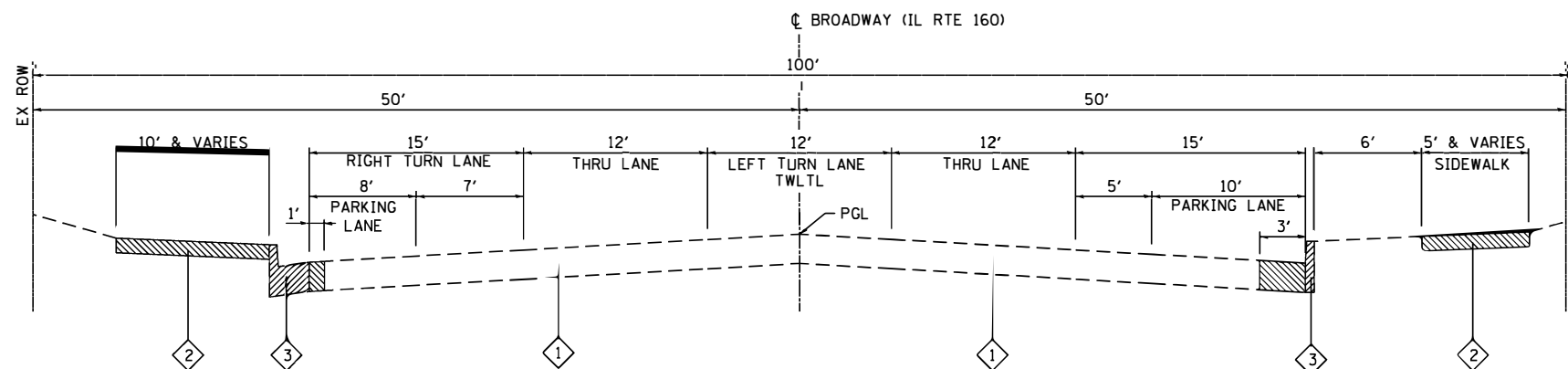
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-L5	MADISON	62	8
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



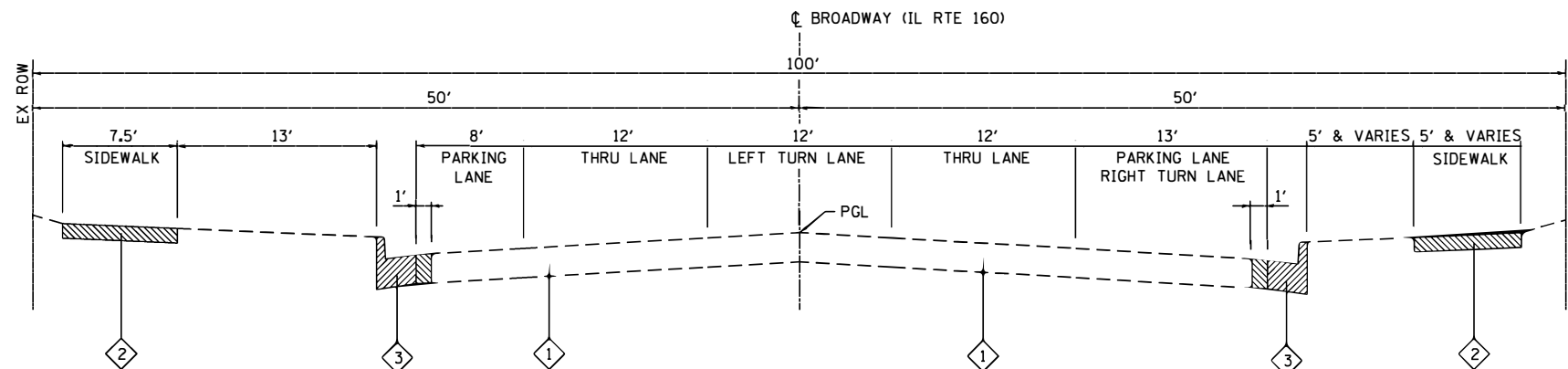
EXISTING BROADWAY (IL RTE 160)

INTERSECTION TRANSITION STA 885+29.9 TO STA 888+42.3 (LEMON STREET TO POPLAR STREET ROUNDABOUT)
 STA 882+32.0 TO STA 885+29.9
 INTERSECTION TRANSITION STA 881+70.6 TO STA 882+32.0 (OLIVE STREET)
 STA 878+78.5 TO STA 881+70.6
 INTERSECTION TRANSITION STA 877+97.4 TO STA 878+78.5 (CYPRESS STREET)
 STA 875+07.2 TO STA 877+97.4
 INTERSECTION TRANSITION STA 874+43.4 TO STA 875+07.2 (ZSCHOKKE STREET)
 STA 871+57.2 TO STA 874+43.4
 INTERSECTION TRANSITION STA 871+13.7 TO STA 871+57.2 (PINE STREET)



EXISTING BROADWAY (IL RTE 160)

INTERSECTION TRANSITION STA 870+80.5 TO STA 871+13.7 (PINE STREET)
 STA 867+91.4 TO STA 870+80.5
 INTERSECTION TRANSITION STA 867+55.9 TO STA 867+91.4 (WASHINGTON STREET)



EXISTING BROADWAY (IL RTE 160)

INTERSECTION TRANSITION STA 867+13.3 TO STA 867+55.9 (WASHINGTON STREET)
 STA 864+33.5 TO STA 867+13.3
 INTERSECTION TRANSITION STA 863+45.5 TO STA 864+33.5 (LAUREL STREET)

TYPICAL SECTION LEGEND

- 1 EXISTING PAVEMENT 12"
- 2 EXISTING CONCRETE SIDEWALK
- 3 EXISTING CURB / CURB AND GUTTER

NOTES

- 1 EXISTING PAVEMENT IS APPROXIMATELY 12" THICK. COMPOSITION OF PAVEMENT IS HMA OVER CONCRETE
- 2 SEE REMOVAL SHEETS FOR SPECIFIC LOCATIONS OF REMOVAL ITEMS

LEGEND



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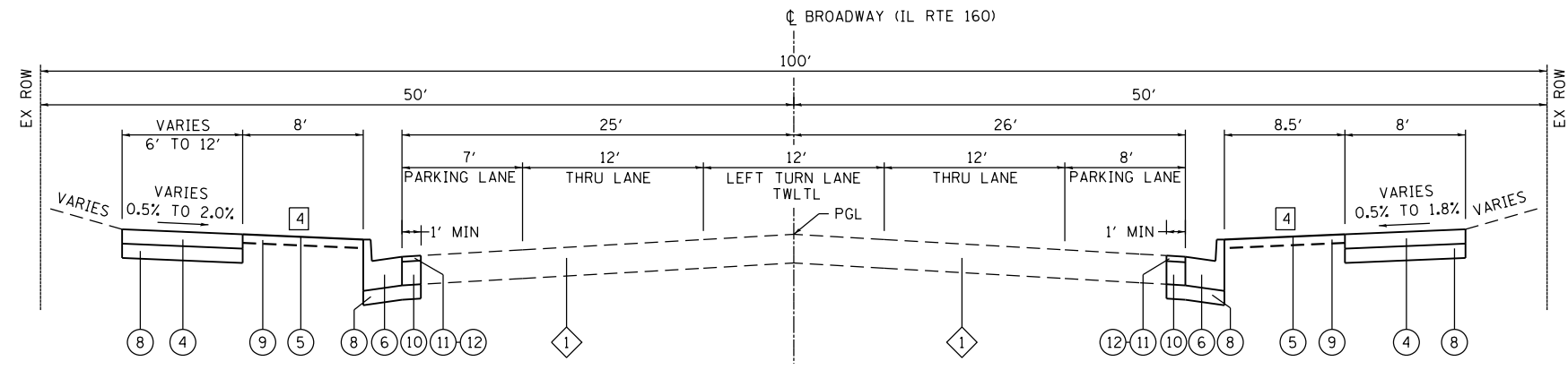
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

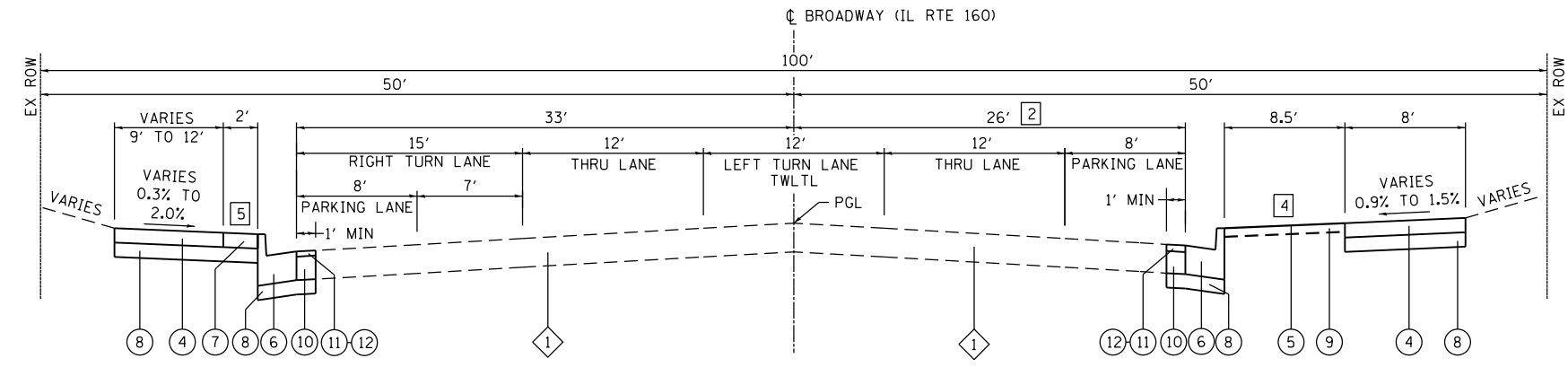
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	9
CITY OF HIGHLAND ILLINOIS			FED. AID PROJECT	
			CONTRACT NO. 97735	



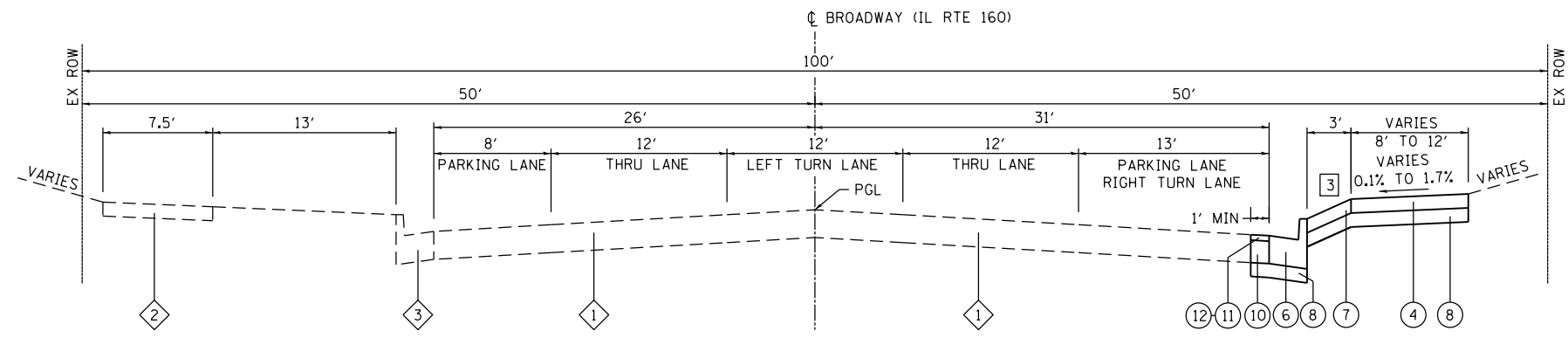
PROPOSED BROADWAY (IL RTE 160)

INTERSECTION TRANSITION STA 885+29.9 TO STA 888+42.3 (LEMON STREET TO POPLAR STREET ROUNDABOUT)
 STA 882+32.0 TO STA 885+29.9
 INTERSECTION TRANSITION STA 881+70.6 TO STA 882+32.0 (OLIVE STREET)
 STA 878+78.5 TO STA 881+70.6
 INTERSECTION TRANSITION STA 877+97.4 TO STA 878+78.5 (CYPRESS STREET)
 STA 875+07.2 TO STA 877+97.4
 INTERSECTION TRANSITION STA 874+43.4 TO STA 875+07.2 (ZSCHOKKE STREET)
 STA 871+57.2 TO STA 874+43.4
 INTERSECTION TRANSITION STA 871+13.7 TO STA 871+57.2 (PINE STREET)



PROPOSED BROADWAY (IL RTE 160)

INTERSECTION TRANSITION STA 870+80.5 TO STA 871+13.7 (PINE STREET)
 STA 867+91.4 TO STA 870+80.5
 INTERSECTION TRANSITION STA 867+55.9 TO STA 867+91.4 (WASHINGTON STREET)



PROPOSED BROADWAY (IL RTE 160)

INTERSECTION TRANSITION STA 867+13.3 TO STA 867+55.9 (WASHINGTON STREET)
 STA 864+33.5 TO STA 867+13.3
 INTERSECTION TRANSITION STA 863+45.5 TO STA 864+33.5 (LAUREL STREET)

TYPICAL SECTION LEGEND

- 1 EXISTING PAVEMENT, 12"
- 2 EXISTING CONCRETE SIDEWALK
- 3 EXISTING CURB / CURB AND GUTTER
- 4 PROPOSED CONCRETE SIDEWALK
- 5 PROPOSED SOD
- 6 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 7 PROPOSED BRICK PAVERS (SEE DETAIL)
- 8 PROPOSED AGGREGATE BASE COURSE, TYPE A, 4"
- 9 PROPOSED TOPSOIL FURNISH AND PLACE, 4"
- 10 PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"
- 11 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70, 2"
- 12 PROPOSED BITUMINOUS MATERIALS TACK COAT

NOTES

- 1 EXISTING PAVEMENT IS APPROXIMATELY 12" THICK. COMPOSITION OF PAVEMENT IS HMA OVER CONCRETE
- 2 EXISTING PAVEMENT WIDTH REPRESENTS REDUCTION OF WIDTH ON SOUTH SIDE OF ROAD
- 3 VARIES 0.1% TO 7.3%
- 4 VARIES 0.5% TO 1.5%
- 5 VARIES 0.3% TO 2.0%

MIXTURES TABLE

MIXTURE USE	INCIDENTAL SURFACING	SURFACE COURSE
THICKNESS	4"	2"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=70
MIX COMPOSITION	IL-9.5	IL-9.5
FRICTION AGG	MIXTURE "C"	MIXTURE "C"

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	10
CITY OF HIGHLAND ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 97735				

ENTRANCE

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1) (FOOT)	EXISTING SURFACE TYPE	PCC DRIVEWAY PAVT 8 (SQ YD)	AGG BASE CSE A 4 (SQ YD)	AGG BASE CSE A 8 (SQ YD)	BIT MATLS PR COAT (POUND)	INCIDENTAL HMA SURF (TON)	BIT MATLS TACK COAT (POUND)	PROTECTIVE COAT (SQ YD)	DRIVEWAY PAVEMENT REM (SQ YD)
866+48	RT	CE	34	CONC	46	46					46	44
866+94	RT	CE	33.5	CONC	45	45					45	45
868+72	RT	CE	24	CONC	62	62					62	53
869+17	RT	CE	28	CONC	56	56					56	42
869+26	LT	CE	20	ASPH	36	36					36	37
869+85	RT	CE	28	CONC	56	56					56	38
870+54	RT	CE		CONC								40
871+15	RT	CE	30	CONC	92	92	59	133	10	13	92	91
871+69	RT	CE		CONC								42
871+78	LT	CE		CONC								93
872+46	LT	CE	27	CONC	62	62					62	68
872+73	RT	CE	24	CONC	73	73					73	79
873+31	RT	CE	13	CONC	33	33					33	49
873+34	LT	CE	24	CONC	46	46					46	35
874+02	RT	CE	87	CONC	210	210					210	219
875+83	LT	CE	20	CONC	41	41					41	40
876+48	LT	CE	24	CONC	48	48					48	39
877+28	RT	CE	24	CONC	38	38	51	115	9	12	38	94
878+00	RT	LOT		ASPH		7	7	16	1	2		7
879+46	LT	CE	24	CONC	48	48					48	48
879+93	LT	CE	35	CONC	68	68					68	92
880+04	RT	CE	24	CONC	49	49	39	88	7	9	49	89
880+54	LT	CE	30	CONC	59	59					59	71
880+81	RT	CE		CONC								20
881+42	LT	CE	30	CONC	59	59					59	70
882+57	LT	CE	14	CONC	36	36					36	38
883+76	LT	CE	24	CONC	61	61					61	61
887+20	RT	CE		CONC								4
TOTAL					1,324	1,331	156	352	27	35	1,324	1,648

ENTRANCE NOTES:

- PRIOR TO CONSTRUCTION, THE ENGINEER WILL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION. SEE CONSTRUCTION DETAILS SHEET FOR ENTRANCE DETAILS.
- DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.
- APPLICATIONS RATES ARE LISTED BELOW:
 TACK COAT: 0.025 LBS/SQ FT
 PRIME COAT: 0.25 LBS/SQ FT
 INCIDNETAL HMA: 0.056 LBS/SY/INCH

SODDING

STATION	STATION	OFFSET	TOPSOIL F & P 4 (SQ YD)	SODDING (SQ YD)	NITROGEN FERT NUTR (NOTE 1) (POUND)	PHOSPHORUS FERT NUTR (NOTE 1) (POUND)	POTASSIUM FERT NUTR (NOTE 1) (POUND)	TEMP EROS CONTR SEED (NOTE 2) (POUND)
867+54	874+78	RT	366	366	5	5	5	16
871+15	874+78	LT	200	200	3	3	3	10
874+78	878+39	RT	294	294	3	3	3	10
874+78	878+39	LT	254	254	3	3	3	10
878+39	882+01	RT	293	293	3	3	3	10
878+39	882+01	LT	174	174	2	2	2	6
882+01	885+63	RT	283	283	3	3	3	10
882+01	885+63	LT	239	239	3	3	3	10
885+63	887+00	LT	62	62	1	1	1	2
885+63	888+37	RT	453	453	5	5	5	16
TOTAL			2,618	2,618	31	31	31	100

SEEDING NOTES:

- FERTILIZER NUTRIENTS CALCULATED AT A RATE OF 60 LBS/ACRE
- TEMPORARY EROSION CONTROL SEEDING CALCULATED AT A RATE OF 100 LBS/ACRE WITH 2 APPLICATIONS ASSUMED

TREE PLANTING AND REMOVAL

STATION	OFFSET	TREE REMOV 6 TO 15 (NOTE 1) (UNIT)	TREE REMOV OVER 15	T-GINKGO BILOBA 2 (EACH)	T-NYSSA SYLVAT 2 (EACH)	T-ULMUS MRTN G TREL2 2 (EACH)	T-ZELKOVA SER GV 2 (EACH)	T-ACER CAMP TF 2 (EACH)	T-CHION VIRG TF 2 (EACH)	S-VIBURN PRUN 2 (EACH)
865+90	RT		30							
866+41	LT								1	
868+23	RT						1			
869+50	RT							1		
870+34	RT								1	
871+69	RT					1				
871+77	LT							1		
872+04	LT	8								
872+05	RT	8								
872+05	RT	8								
872+05	RT	6								
872+05	RT	6								
872+24	LT	6								
872+29	RT								1	
872+41	RT	10								
872+41	RT	10								
872+41	RT	10								
872+41	RT	8								
872+41	RT	8								
872+41	RT	6								
873+07	RT			1						
873+08	LT				1					
873+65	LT									1
874+37	LT							1		
875+28	RT				1					
875+50	LT					1				
875+65	RT							1		
876+14	LT				1					
877+00	LT								1	
877+00	RT									1
877+64	RT									1
877+69	RT					1				
877+70	LT								1	
879+00	LT						1			
879+00	RT							1		
879+50	RT						1			
880+50	RT					1				
881+00	RT								1	
881+50	RT					1				
882+58	RT				1					
882+66	RT	14								
882+87	RT	14								
882+87	LT					1				
883+00	RT	12								
883+00	RT						1			
883+27	RT	12								
883+35	LT					1				
883+48	RT	14								
883+70	RT						1			
884+09	RT						1			
884+27	LT			1						
884+45	RT			1						
884+93	RT	14								
TOTAL		174	30	3	4	7	6	5	6	3

TREE NOTES:

- TREES LESS THAN 6 INCHES AT 4.5' ABOVE THE GROUND SHOWN FOR REMOVAL ON THE REMOVAL SHEETS WILL BE PAID FOR PER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-0072-00-LS	MADISON	62	11
CONTRACT NO. 97735				
ILLINOIS		FED. AID PROJECT		

UTILITY ADJUST

STATION	OFFSET	VV ADJUST (EACH)	MAN ADJUST (EACH)	INLETS ADJUST (EACH)	HANDHOLE ADJUST (EACH)
863+60	LT			1	
863+61	LT				1
864+23	RT				1
864+36	RT	1			
865+42	RT	1			
865+61	RT		1		
866+02	RT				1
866+03	RT	1			
867+23	RT				1
867+25	LT			1	
867+75	LT			1	
867+84	LT				1
867+87	RT				1
868+01	RT	1			
868+03	RT	1			
869+25	RT				1
869+54	LT	1			
869+85	RT			1	
870+13	LT	1			
870+36	LT	1			
870+82	RT				1
870+94	RT				1
870+98	RT	1			
871+32	RT		1		
871+33	RT				1
871+37	LT	1			
871+53	RT			1	
872+93	RT	1			
874+14	RT		1		
874+60	RT	1			
874+65	RT	1			
874+70	RT	1			
875+23	RT	1			
875+26	RT	1			
875+64	RT	1			
876+64	RT	1			
877+55	RT	1			
878+07	RT				1
878+25	RT		1		
878+95	RT	1			
879+25	RT	1			
880+30	RT	1			
881+25	RT	1			
881+66	RT				1
882+15	RT		1		
882+50	RT	1			
883+82	RT	1			
884+83	RT	1			
885+47	LT			1	
863+55	RT				1
873+25	RT				1
886+05	RT	1			
886+34	RT	1			
886+38	RT	1			
886+93	RT	1			
887+01	RT	1			
887+75	RT	1			
TOTAL		32	5	6	14

CURB & GUTTER

STATION	STATION	OFFSET	COMB CURB GUTTER REM (FOOT)	CURB REM (FOOT)	PAVEMENT REM (SQ YD)	COMB CC&G TB6.24 (FOOT)	AGG BASE CSE A 4 (SQ YD)	HMA SC IL-9.5 C N70 (TON)	BIT MATLS TACK COAT (POUND)	PCC BASE CSE W 10 (SQ YD)	PROTECTIVE COAT (SQ YD)
863+00.	863+92.	RT	48		5	52	23	1	3	6	17
863+00.	863+92.	LT	57		6	38	17	1	2	4	13
863+92.	867+54.	RT	359		40	349	155	4	18	39	116
863+92.	867+54.	LT	88		10	33	15	1	2	4	11
867+54.	871+57.	RT		358		37	16	1	2	4	12
867+54.	871+57.	LT	371		41	362	161	4	18	40	121
871+57.	874+78.	RT		372	124	792	352	10	40	88	264
871+57.	874+78.	LT		385	128	382	170	5	19	42	127
874+78.	878+39.	RT		376	125	383	170	5	19	43	128
874+78.	878+39.	LT		374	125	365	162	5	18	41	122
878+39.	882+01.	RT		382	127	369	164	5	18	41	123
878+39.	882+01.	LT		363	121	375	167	5	19	42	125
882+01.	885+63.	RT		372	124	370	164	5	18	41	123
882+01.	885+63.	LT		367	122	359	160	4	18	40	120
885+63.	887+00.	RT	35		4	33	15	1	2	4	11
885+63.	887+00.	LT	32		4	28	12	1	1	3	9
TOTAL			990	3,349	1,106	4,327	1,923	58	217	482	1,442

CURB & GUTTER NOTES:

- APPLICATIONS RATES ARE LISTED BELOW:
TACK COAT: 0.05 LBS/SQ FT
INCIDNETAL HMA: 0.056 LBS/SY/INCH

PAVEMENT

STATION	STATION	OFFSET	HMA SC IL-9.5 C N70 (TON)	BIT MATLS TACK COAT (POUND)	PCC BASE CSE W 10 (SQ YD)	AGG BASE CSE A 4 (SQ YD)	PAVEMENT REM (SQ YD)
863+46	864+25	RT	11	45	100	100	100
867+68	867+82	LT	2	7	15	15	15
867+70	867+88	RT	2	8	17	17	17
871+25	871+41	RT	3	13	30	30	30
874+50	875+06	LT	9	36	80	80	80
874+65	87472.6	LT	2	7	16	16	16
877+97	878+10	RT	1	3	7	7	7
878+27	878+32	LT	1	2	5	5	5
878+47	878+52	RT	1	3	7	7	7
873+90	874+26	LT	3	13	29	29	
TOTAL			35	137	306	306	277

PAVEMENT NOTES:

- APPLICATIONS RATES ARE LISTED BELOW:
TACK COAT: 0.05 LBS/SQ FT
HMA SURFACE COURSE: 0.056 LBS/SY/INCH

DECORATIVE LIGHTING

STATION	OFFSET	LIGHT POLE FDN 24 D SP (NOTE 1) (FOOT)	DECORATIVE LIGHT POLE TYPE A (NOTE 2) (EACH)	DECORATIVE LIGHT POLE TYPE B (NOTE 2) (EACH)
863+54	RT	8	1	
863+68	LT	8		1
864+10	RT	8		1
864+30	LT	8	1	
865+20	RT	8	1	
865+79	LT	8	1	
866+71	RT	8	1	
867+16	LT	8	1	
867+32	RT	8		1
867+77	LT	8		1
867+95	RT	8	1	
868+60	LT	8	1	
869+39	RT	8	1	
870+10	LT	8	1	
870+85	RT	8	1	
870+91	LT	8		1
871+49	LT	8	1	
872+11	RT	8	1	
872+84	LT	8	1	
873+53	RT	8	1	
873+83	LT	8	1	
874+47	RT	8	1	
874+63	LT	8		1
874+92	RT	8		1
875+10	LT	8	1	
875+93	RT	8	1	
876+68	LT	8	1	
877+46	RT	8	1	
877+95	LT	8	1	
878+25	RT	8		1
878+60	LT	8		1
878+73	RT	8	1	
879+27	LT	8	1	
880+30	RT	8	1	
880+93	LT	8	1	
881+72	RT	8	1	
881+85	LT	8		1
882+14	RT	8		1
882+33	LT	8	1	
883+30	RT	8	1	
884+07	LT	8	1	
884+61	RT	8	1	
885+04	LT	8	1	
885+48	RT	8		1
885+79	LT	8		1
886+04	RT	8	1	
TOTAL		368	33	13

DECORATIVE LIGHTING NOTES:

- SEE LIGHT POST FOUNDATION DETAIL SHEET FOR MORE INFORMATION.
- SEE DECORATIVE LIGHT POLE DETAILS AND SPECIAL PROVISIONS FOR MORE INFORMATION.

TRAFFIC SIGNAL PAINTING

STATION	OFFSET	PAINT EX TR SIG EQUIP (NOTE 1) (EACH)
863+58	LT	1
863+60	RT	1
863+70	LT	1
864+26	RT	1
864+25	LT	1
867+23	LT	1
867+24	RT	1
867+91	RT	1
867+85	LT	1
878+02	LT	1
878+09	LT	1
878+08	RT	1
878+70	RT	1
878+72	LT	1
TOTAL		14

TRAFFIC SIGNAL PAINTING NOTES:

- SEE SPECIAL PROVISIONS FOR PAINTING SYSTEMS

MODEL: Default; FILE NAME: I:\18065 - Broadway Streetscape Phase 1\CADD\MicroStation\CADD_Sheets\18065-SHT-schedules.dgn



USER NAME = matt.fields
DESIGNED -
DRAWN -
PLOT SCALE = 40.0000' / in.
CHECKED -
PLOT DATE = 4/9/2020
DATE -

REVISOR -
REVISOR -
REVISOR -
REVISOR -

REVISOR -
REVISOR -
REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	12
CONTRACT NO. 97735				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING

STATION	STATION	OFFSET	PT PVT MK LTRS & SYMB (SQ FT)	PAINT PVT MK LINE 4 (FOOT)	PAINT PVT MK LINE 12 (FOOT)	PAINT PVT MK LINE 24 (FOOT)	PAVMT MRKG REM WTR BL (SQ FT)
863+62	863+69	LT/RT			141	24	60
863+69	864+11	LT			80		20
863+73	864+12	RT			68		28
863+73	864+11	LT				37	
864+15	864+22	LT/RT			127	32	93
864+55		RT		13			9
864+60		LT		7			4
866+85		LT		7			6
867+24	867+31	LT/RT			130	37	98
867+33	867+79	RT			84		43
867+34	867+73	LT			76		37
867+54	867+76	RT				22	
867+73	867+85	LT/RT			136	38	108
868+07	868+55	RT					18
869+42	869+62	RT					9
869+89		LT		7			4
870+19		RT		8			71
870+51		LT		7			9
870+67		RT		8			6
870+86	870+93	LT/RT			123		63
870+90	871+35	LT			78		35
871+38	871+45	LT/RT			110		58
871+64	871+95	RT		39			
871+82	871+97	LT		22			
871+95		RT					3
871+97		LT					3
872+13		LT		8			7
872+41		RT		8			6
872+80		LT		8			5
873+04		LT		8			5
873+51		LT		8			
873+55	873+57	LT					3
873+97	874+18	LT	3.1	112			6
874+48	874+55	LT/RT			107		26
874+65	874+90	LT			45		21
874+65	874+90	RT			45		11
875+00	875+07	LT/RT			107		53
875+38		RT		8			7
875+43	875+66	LT					13
876+06	876+28	LT					12
876+80		LT		8			7
877+02		RT		8			7
877+60	877+79	RT		35			12
877+73		LT		8			4
878+10	878+17	LT/RT			114	32	86
878+20	878+58	LT			72		18
878+23	878+39	LT				11	
878+27	878+52	RT			45		11
878+39	878+50	RT				17	
878+62	878+69	LT/RT			111	31	86
879+10		RT		9			6
879+72		RT		9			6
880+36		RT		9			8
880+67	880+90	RT		22			3
880+81	881+21	LT					19
880+90		RT					3
SUBTOTAL			3.1	386	1,799	281	1,236

PAVEMENT MARKING (CONTINUED)

STATION	STATION	OFFSET	PT PVT MK LTRS & SYMB (SQ FT)	PAINT PVT MK LINE 4 (FOOT)	PAINT PVT MK LINE 12 (FOOT)	PAINT PVT MK LINE 24 (FOOT)	PAVMT MRKG REM WTR BL (SQ FT)
881+44		RT			8		6
881+72	881+79	LT/RT				107	53
881+87	882+15	LT				50	12
881+91	882+12	RT				37	9
882+24	882+31	LT/RT				107	27
882+65		RT		9			8
882+89		LT		8			5
883+34		LT		8			5
884+18		LT		8			5
885+00		LT		8			7
885+03		RT		8			7
885+33	885+40	LT/RT				107	54
885+49	885+77	LT				53	26
885+50	885+76	RT				47	22
885+86	885+92	LT/RT					56
SUBTOTAL				57	508		302
TOTAL			3.1	443	2,307	281	1,538

EROSION CONTROL

STATION	OFFSET	INLET & PIPE PROTECTION (EACH)
863+50	RT	1
864+13	LT	1
867+22	LT	1
867+74	RT	1
867+76	LT	1
871+50	RT	1
884+71	LT	1
885+47	LT	1
885+50	LT	1
885+51	LT	1
885+76	LT	1
886+00	LT	1
886+07	LT	1
886+15	LT	1
887+05	RT	1
887+30	RT	1
888+06	RT	1
TOTAL		17

SIDEWALK

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1) (SQ FT)	PC CONC SIDEWALK 7 (NOTE 1) (SQ FT)	DETECTABLE WARNINGS (NOTE 1) (SQ FT)	PROTECTIVE COAT (SQ YD)	SIDEWALK REM (SQ FT)	AGG BASE CSE A 4 (SQ YD)	CONC PAVER SIDEWALK (SQ FT)
86,300	86,392	RT	290	100	32	43	365	51	72
86,300	86,392	LT	303	61	22	40	377	40	
86,392	86,754	RT	2,637	183	60	313	2,514	382	597
86,413	86,733	LT	244	216	74	51	454	51	
86,754	87,115	RT	1,892	250	51	238	1,212	238	24
86,754	87,115	LT	3,181	259	60	382	3,825	415	297
87,115	87,478	RT	1,474	362	54	204	1,495	214	92
87,115	87,478	LT	3,189	388	70	397	2,693	400	25
87,478	87,839	RT	2,636	352	52	332	2,200	338	59
87,478	87,839	LT	3,139	261	58	378	2,767	381	23
87,839	88,201	RT	2,365	382	52	305	1,891	313	73
87,839	88,201	LT	1,623	254	59	209	1,202	218	76
88,201	88,563	RT	2,626	382	52	334	2,127	343	74
88,201	88,563	LT	2,220	315	48	282	1,777	288	52
88,563	88,700	RT	2,129	86	16	246	1,486	246	
88,563	88,700	LT	499	51	12	61	545	61	
TOTAL			30,447	3,902	772	3,815	26,930	3,979	1,464

SIDEWALK NOTES:

- ALL SIDEWALK AND SIDEWALK RAMPS SHALL BE ADA COMPLIANT PER IDOT HIGHWAY STANDARDS SEE PLAN SHEETS FOR LOCATIONS AND TYPES.
- SEE CONSTRUCTION DETAILS SHEET AND APPLICABLE HIGHWAY STANDARDS FOR CURB RAMP DETAILS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL APPROACH SIDEWALKS.

EARTHWORK

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)
863+46	887+00	1180	885	65	825
TOTAL		1,180	885	65	825

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 25%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

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PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 4/9/2020

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-0072-00-LS	MADISON	62	13
CONTRACT NO. 97735				
ILLINOIS FED. AID PROJECT				

SIGNS

STATION	OFFSET	TYPE	DESCRIPTION	SIZE		SIGN PANEL T1	TELES STL SIN SUPPORT	DECORATIVE SIGN POST	WAYFINDING SIGNS, SPL
				(IN X IN)	(SQ FT)				
863+54	RT	SPECIAL	W1-01						9.1
864+54	RT	R7-108	2 HR PARKING	12 X 18	1.5		16.5		
		R7-203	SNOW ROUTE	18 X 24	3.0				
864+62	LT	R7-1a	NO PARKING	12 X 18	1.5		14.5		
865+07	LT	R7-108	2 HR PARKING	12 X 18	1.5		16.5		
		R7-203	SNOW ROUTE	18 X 24	3.0				
865+47	RT	R7-108	2 HR PARKING	12 X 18	1.5		16.5		
		R7-203	SNOW ROUTE	18 X 24	3.0				
866+61	LT	R7-108	2 HR PARKING	12 X 18	1.5		16.5		
		R7-203	SNOW ROUTE	18 X 24	3.0				
865+77	RT	R7-1a	NO PARKING	12 X 18	1.5		14.5		
866+71	RT	SPECIAL	W1-02						9.1
867+24	RT	SPECIAL	WP-01						1.6
867+85	LT	SPECIAL	WP-02						1.6
868+60	LT	SPECIAL	W1-03						9.1
869+02	LT	R7-1a	NO PARKING	12 X 18	1.5		16.5		
		R7-203	SNOW ROUTE	18 X 24	3.0				
870+10	LT	R7-108	2 HR PARKING	12 X 18	1.5				
		R7-203	SNOW ROUTE	18 X 24	3.0				
870+21	RT	R3-9b	CENTER LANE ONLY	24 X 36	6.0			1	
		W11-8	FIRE STATION AHEAD	36 X 36	9.0				
870+54	RT	SPECIAL	W1-04					1	9.1
870+71	LT	R2-1	SPEED LIMIT 30	30 X 36	7.5			1	
870+85	RT	W11-2	PEDESTRIANS	36 X 36	9.0				
		W16-7P	ARROW	24 X 12	2.0				
870+91	LT	R1-1	STOP	30 X 30	6.3				
		D3-1	STREET SIGN	30 X 9	1.9				
		D3-1	STREET SIGN	42 X 9	2.6				
871+49	LT	W11-2	PEDESTRIANS	36 X 36	9.0				
		W16-7P	ARROW	24 X 12	2.0				
871+88	LT	SPECIAL	W1-05					1	9.1
872+22	LT	R7-108	2 HR PARKING	12 X 18	1.5		16.5		
		R7-203	SNOW ROUTE	18 X 24	3.0				
873+53	RT	SPECIAL	W1-06					1	9.1
873+83	LT	R7-108	2 HR PARKING	12 X 18	1.5				
		R7-203	SNOW ROUTE	18 X 24	3.0				
874+08	LT	R7-8	HANDICAP PARKING	12 X 18	1.5		14.5		
874+63	LT	R1-1	STOP	30 X 30	6.3				
		D3-1	STREET SIGN	42 X 9	2.6				
		D3-1	STREET SIGN	42 X 9	2.6				
874+47	RT	D3-1	PEDESTRIANS	42 X 9	2.6				
		D3-1	ARROW	42 X 9	2.6				
874+92	RT	R1-1	STOP	30 X 30	6.3				
		D3-1	STREET SIGN	42 X 9	2.6				
		D3-1	STREET SIGN	42 X 9	2.6				
875+10	LT	W11-2	PEDESTRIANS	36 X 36	9.0				
		W16-7P	ARROW	24 X 12	2.0				
875+21	RT	R2-1	SPEED LIMIT 30	30 X 36	7.5			1	
		R7-203	SNOW ROUTE	18 X 24	3.0				
875+63	LT	SPECIAL	W1-07					1	9.1
876+68	LT	W11-8	FIRE STATION AHEAD	36 X 36	9.0			1	
		R7-203	SNOW ROUTE	18 X 24	3.0				
877+46	RT	SPECIAL	W1-08						9.1
877+82	RT	R7-203	SNOW ROUTE	18 X 24	3.0		15.0		
879+14	RT	R2-1	SPEED LIMIT 30	30 X 36	7.5			1	
SUBTOTAL:						168.0	157.5	9	76.0

SIGN NOTES:

1. WAYFINDING SIGNS TO BE PAID FOR AS A LUMP SUM ITEM. SQUARE FOOTAGES SHOWN HERE FOR INFORMATION ONLY.

SIGNS (CONTINUED)

STATION	OFFSET	TYPE	DESCRIPTION	SIZE		SIGN PANEL T1	TELES STL SIN SUPPORT	DECORATIVE SIGN POST	WAYFINDING SIGNS, SPL
				(IN X IN)	(SQ FT)				
875+63	LT	SPECIAL	W1-09						9.1
879+42	RT	R7-108	2 HR PARKING	12 X 18	1.5		16.0		
		R7-108	SNOW ROUTE	18 X 24	3.0				
879+42	RT	R7-203	2 HR PARKING	12 X 18	1.5				
		R7-203	SNOW ROUTE	18 X 24	3.0				
880+93	LT	R7-108	2 HR PARKING	12 X 18	1.5		16.5		
		R7-203	SNOW ROUTE	18 X 24	3.0				
881+31	RT	R7-108	PEDESTRIANS	12 X 18	1.5				
		R7-203	ARROW	18 X 24	3.0				
881+72	RT	W11-2	STOP	36 X 36	9.0				
		W16-7P	STREET SIGN	24 X 12	2.0				
		R1-1	STREET SIGN	30 X 30	6.3				
881+85	LT	D3-1	STOP	30 X 9	1.9				
		D3-1	STREET SIGN	42 X 9	2.6				
		R1-1	STREET SIGN	30 X 30	6.3				
882+14	RT	D3-1	PEDESTRIANS	30 X 9	1.9				
		D3-1	ARROW	42 X 9	2.6				
882+33	LT	W11-2	SPEED LIMIT 30	36 X 36	9.0			1	
		W16-7P	SNOW ROUTE	24 X 12	2.0				
883+42	RT	W2-6	CENTER LANE ONLY	30 X 30	6.3				
877+46	RT	SPECIAL	W1-10						9.1
882+46	RT	R2-1	2 HR PARKING	12 X 18	1.5				
		R7-203	SNOW ROUTE	18 X 24	3.0				
884+61	RT	R7-108	ROUNDAABOUT AHEAD	12 X 18	1.5			1	
		R7-203	ADVISORY SPEED 20	18 X 24	3.0				
885+00	RT	W13-1	PEDESTRIANS	18 X 18	2.3			1	
		R3-9b	ARROW	24 X 36	6.0				
885+30	RT	W11-2	STOP	36 X 36	9.0			1	
		W16-7P	STREET SIGN	24 X 12	2.0				
		R1-1	STREET SIGN	30 X 30	6.3				
885+47	LT	D3-1	STOP	36 X 9	2.3			1	
		D3-1	STREET SIGN	42 X 9	2.6				
		R1-1	STREET SIGN	30 X 30	6.3				
885+77	RT	D3-1	PEDESTRIANS	36 X 9	2.3			1	
		D3-1	ARROW	42 X 9	2.6				
886+75	LT	SPECIAL	W1-11	36				1	9.1
SUBTOTAL:						117.0	32.5	7	27.3
TOTAL:						285.0	190.0	16	103.3

SIGN NOTES:

1. WAYFINDING SIGNS TO BE PAID FOR AS A LUMP SUM ITEM. SQUARE FOOTAGES SHOWN HERE FOR INFORMATION ONLY.

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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



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 PLOT DATE = 5/15/2020

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	14
CONTRACT NO. 97735				
ILLINOIS FED. AID PROJECT				

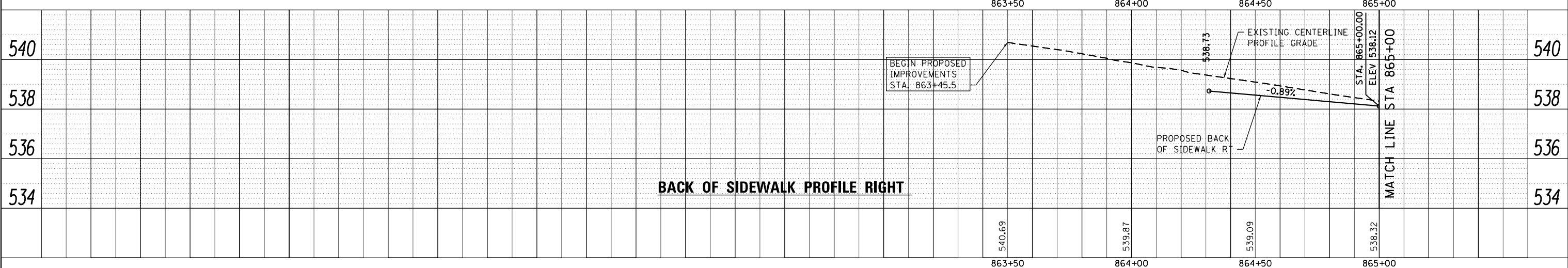
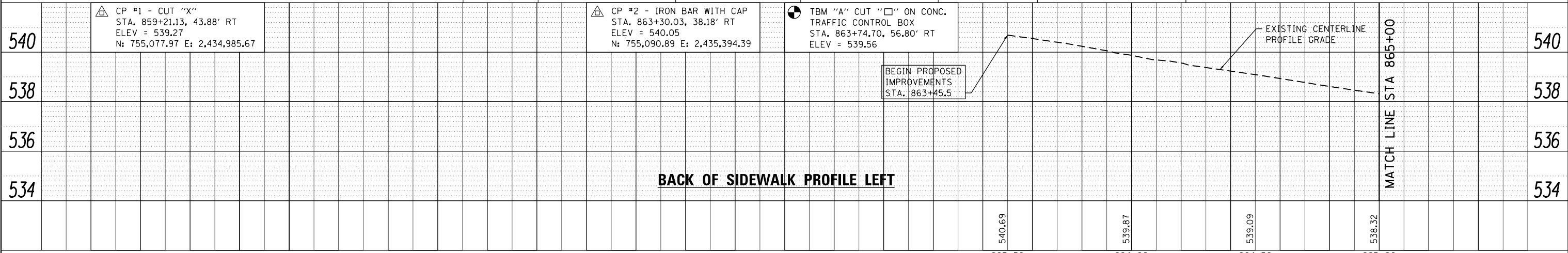
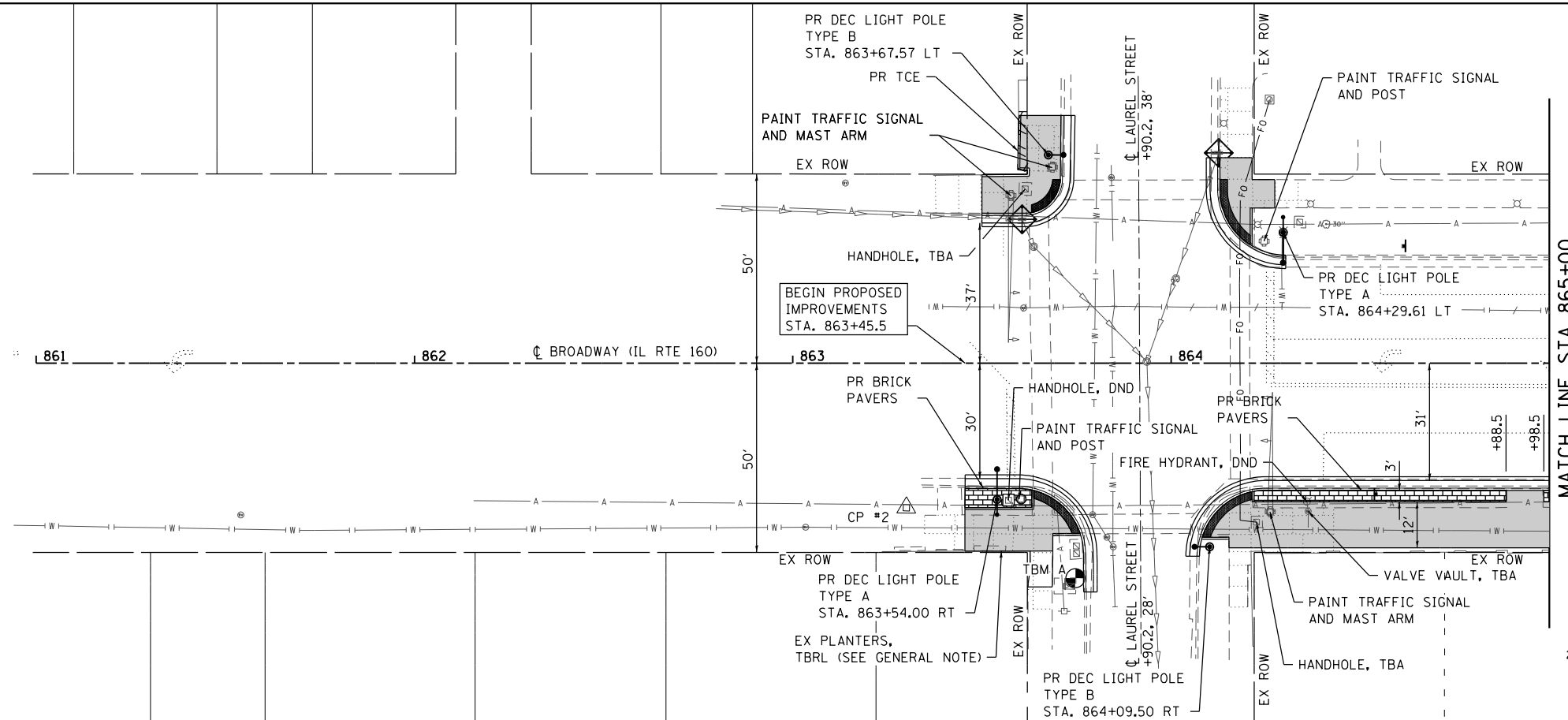
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	
	NO.	

PLAN SHEET LEGEND

- TREES/BUSHES
- DECORATIVE LIGHTING
- PCC SIDEWALK
- INLET AND PIPE PROTECTION
- SIGN POST
- DECORATIVE SIGN POST

△ CP #1



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OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

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	CHECKED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 4/3/2020	CHECKED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

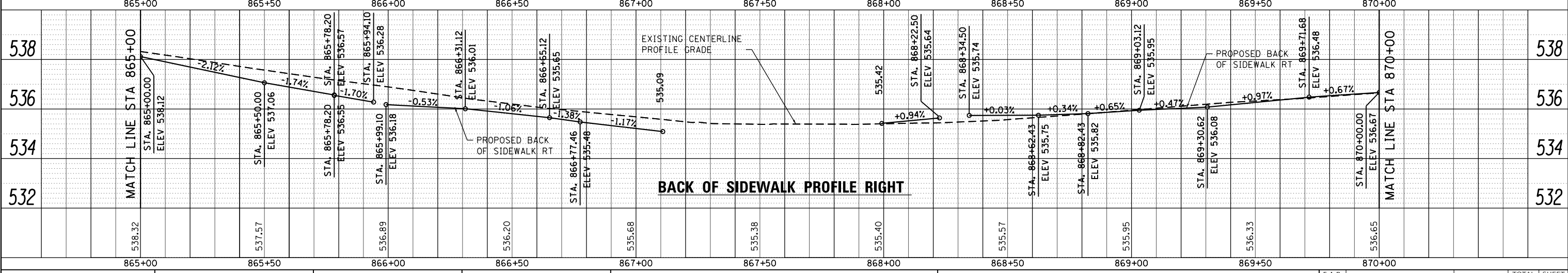
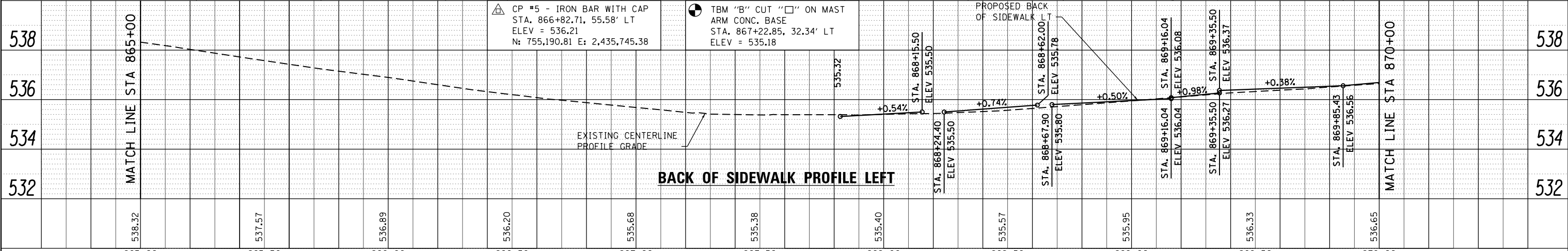
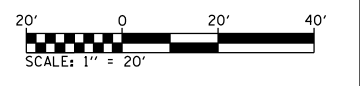
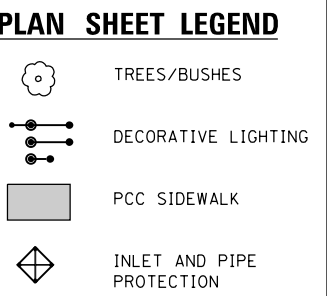
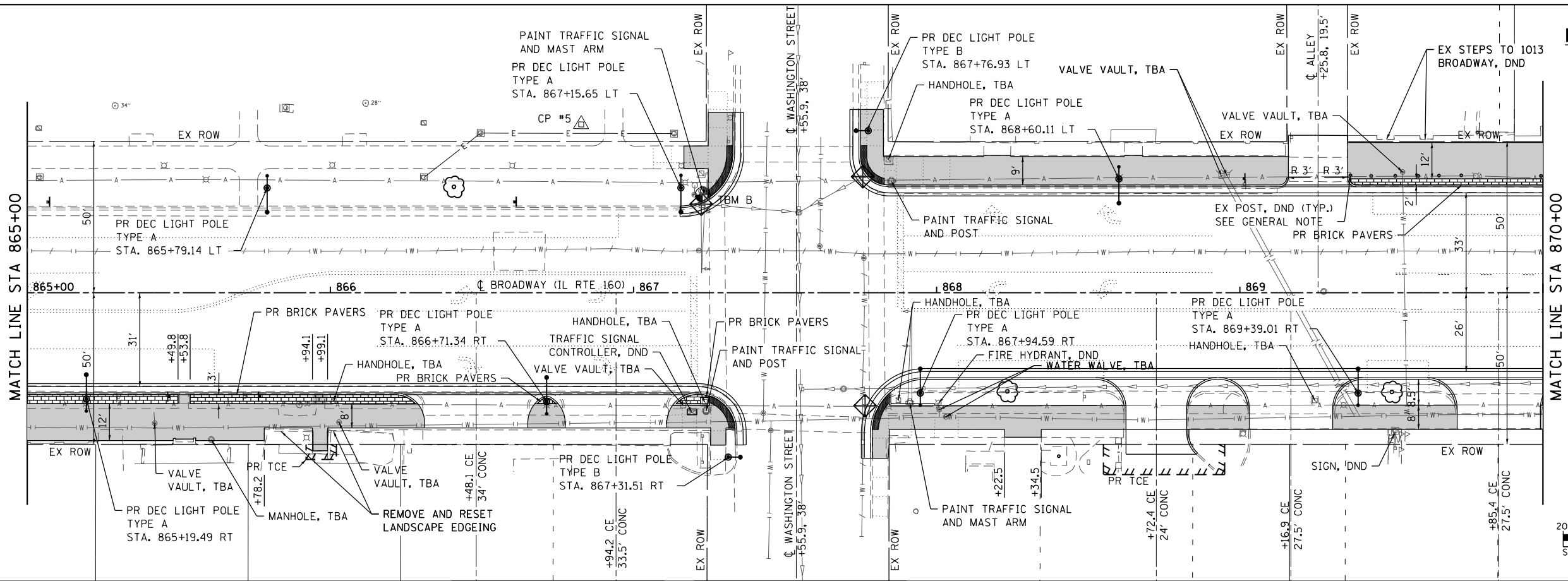
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 SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 861+00.00 TO STA. 865+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	15
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				CONTRACT NO. 97735

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
	FILE NO.	

MODEL: plm1r2
 FILE NAME: High18095 - Broadway Streetscape Phase 1 (CAD) Information.dwg
 SHEET: 180072-00-LS



USER NAME = matt.fields	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/9/2020	CHECKED -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

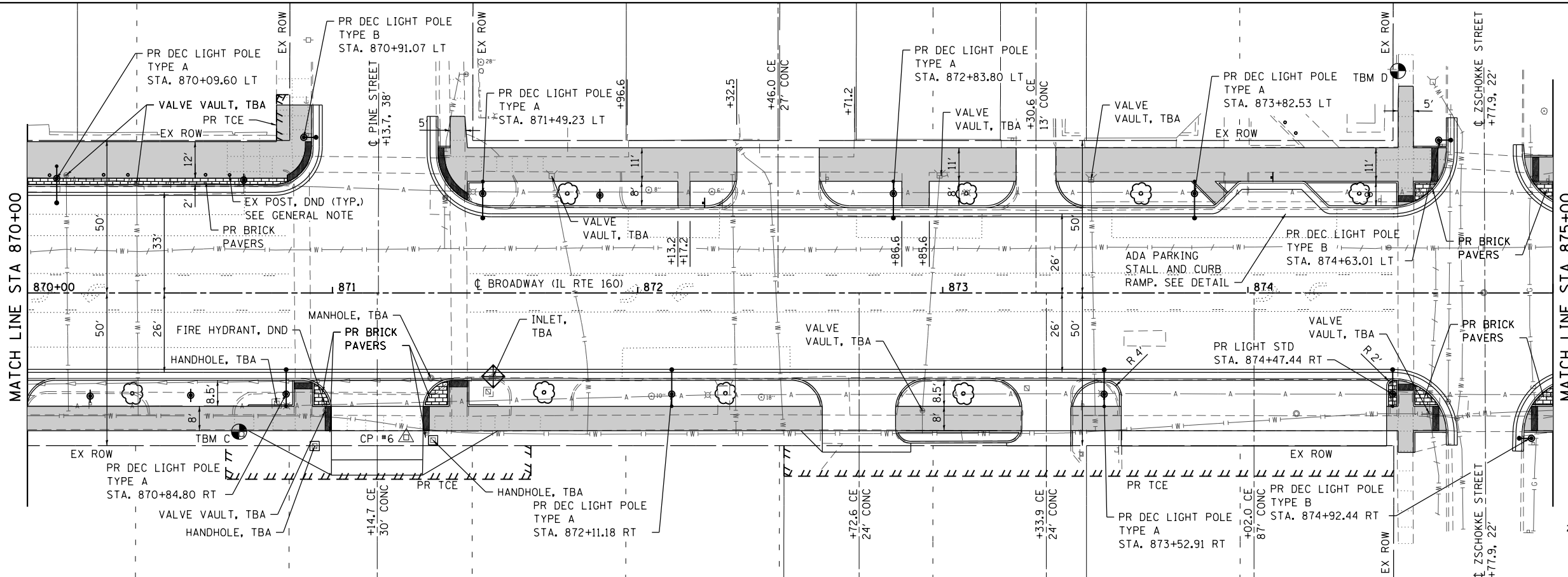
PLAN AND PROFILE SHEETS
 SCALE: 1"=20'
 SHEET 2 OF 6 SHEETS
 STA. 865+00.00 TO STA. 870+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	16
CITY OF HIGHLAND				CONTRACT NO. 97735
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NO.	
	FILE NAME	
	NO.	

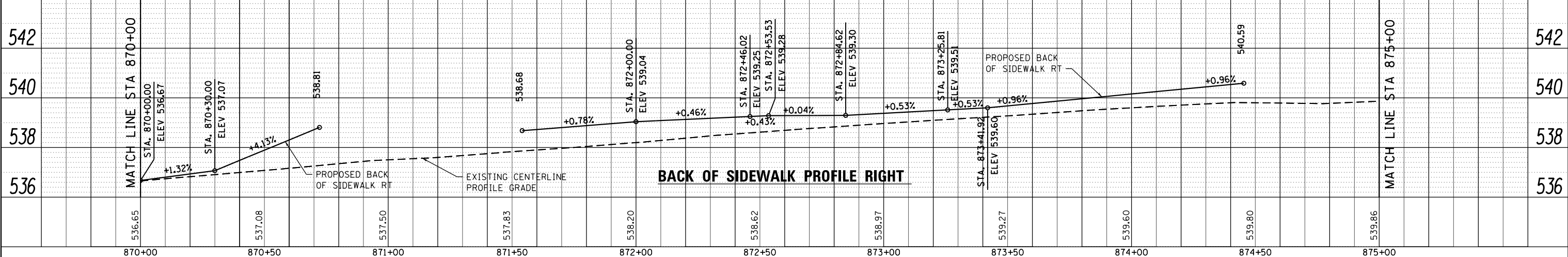
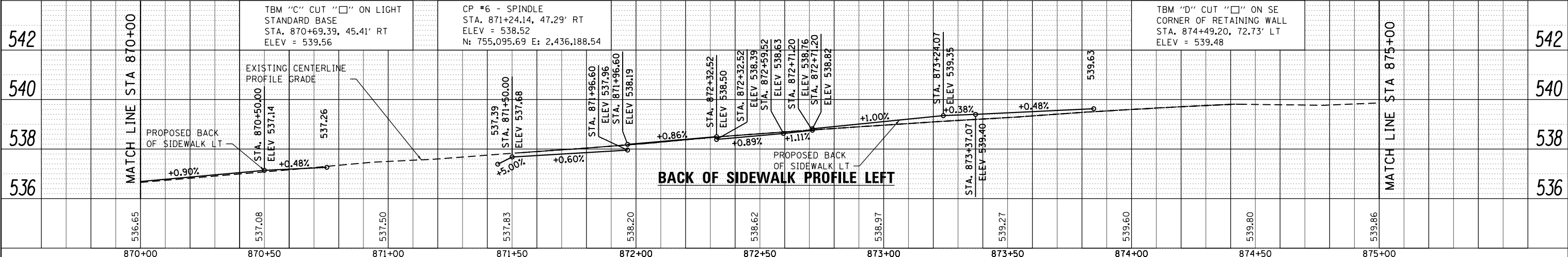
MODEL: plmtr3
 FILE NAME: High18095 - Broadway Streetscape Phase 1\CADD\Microstation\CADD Sheets\18095-sheets\plan.rvt.dgn



PLAN SHEET LEGEND

- TREES/BUSHES
- DECORATIVE LIGHTING
- PCC SIDEWALK
- INLET AND PIPE PROTECTION
- DECORATIVE SIGN POST
- SIGN POST

SCALE: 1" = 20'



OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = matt.fields	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/3/2020	CHECKED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

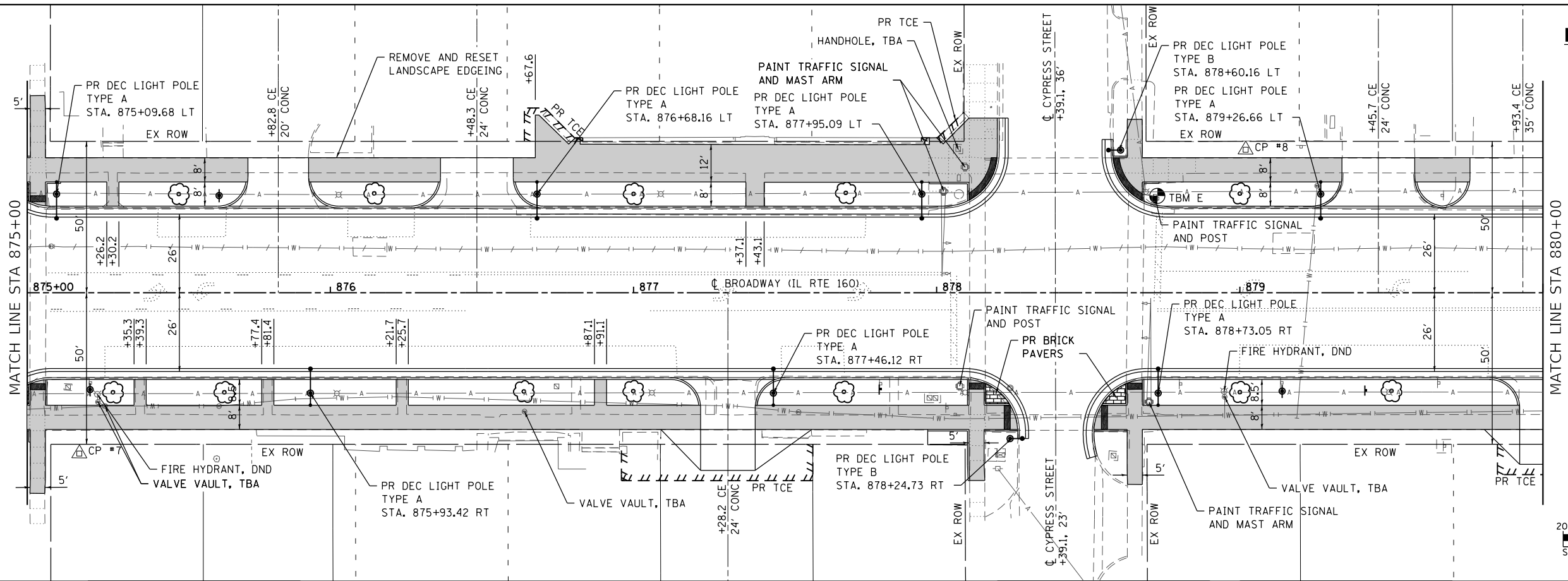
PLAN AND PROFILE SHEETS
 SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 870+00.00 TO STA. 875+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	17
CITY OF HIGHLAND ILLINOIS				CONTRACT NO. 97735
FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
	FILE NO.	

MODEL: plm1r4
 FILE NAME: H:\18095 - Broadway Streetscape Phase 1\CADD\Information\GDD Sheets\18095-sheets\planr.dgn

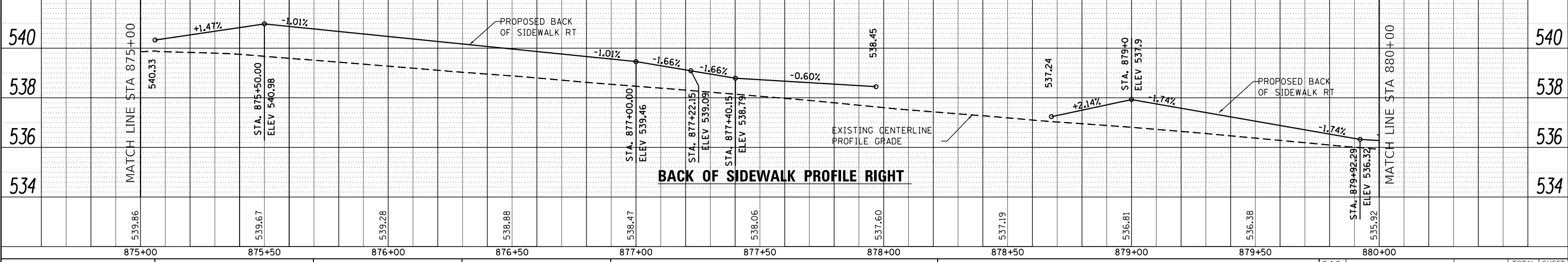
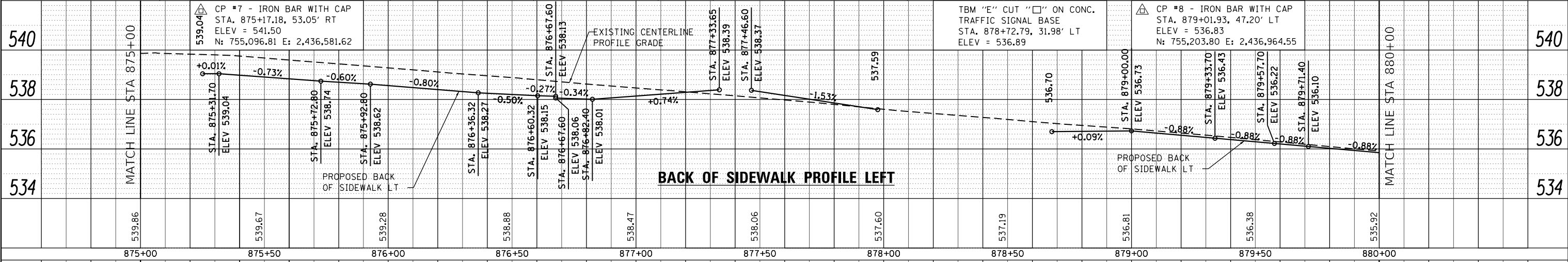


PLAN SHEET LEGEND

- TREES/BUSHES
- DECORATIVE LIGHTING
- PCC SIDEWALK
- INLET AND PIPE PROTECTION
- DECORATIVE SIGN POST
- SIGN POST

N

 20' 0 20' 40'
 SCALE: 1" = 20'



ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = matt.fields	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/3/2020	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

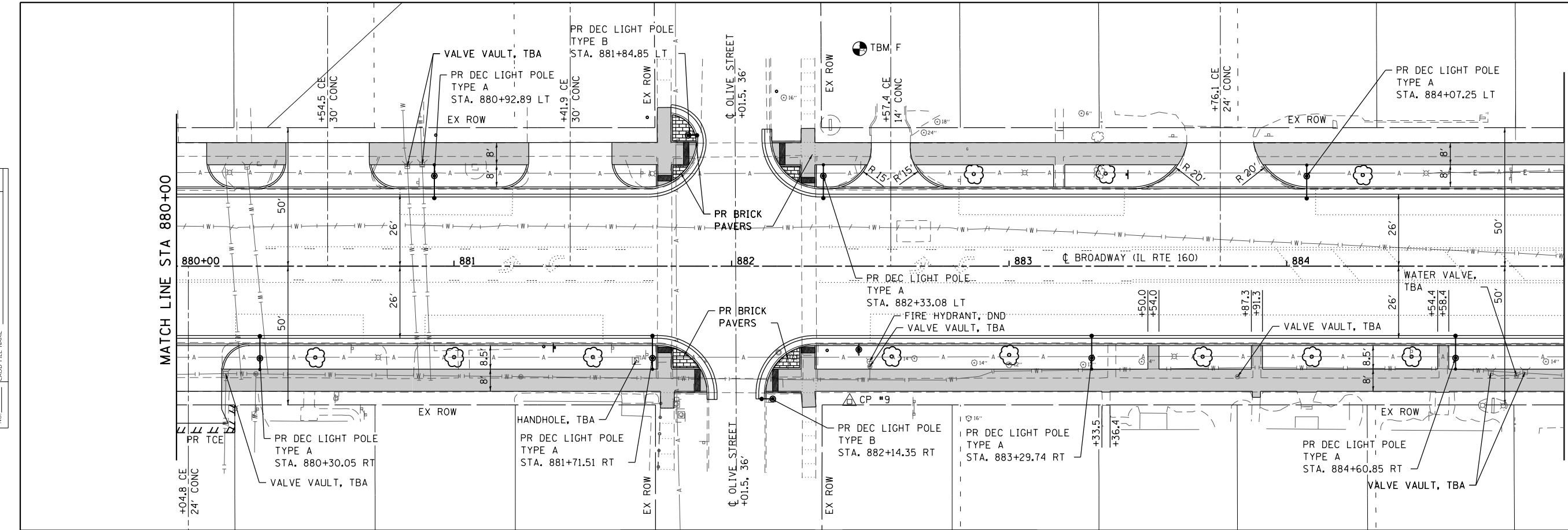
PLAN AND PROFILE SHEETS

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 875+00.00 TO STA. 880+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	18
CITY OF HIGHLAND				CONTRACT NO. 97735
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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	NOTE BOOK NO.	
	FILE NAME	

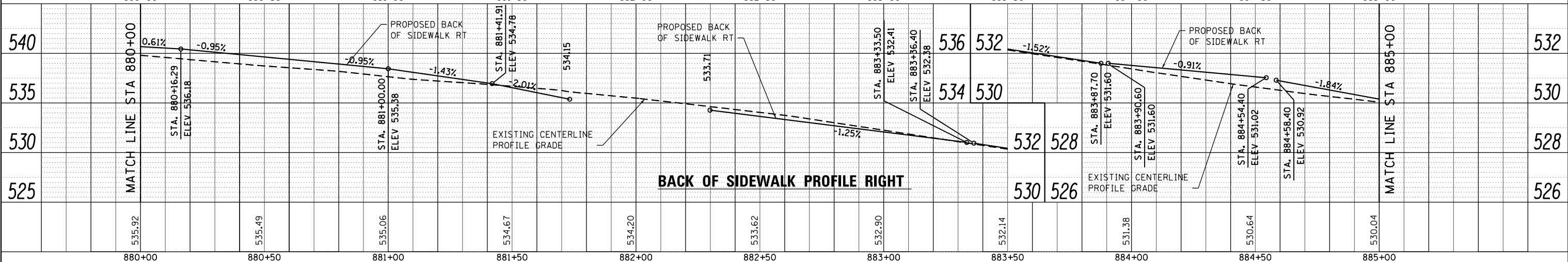
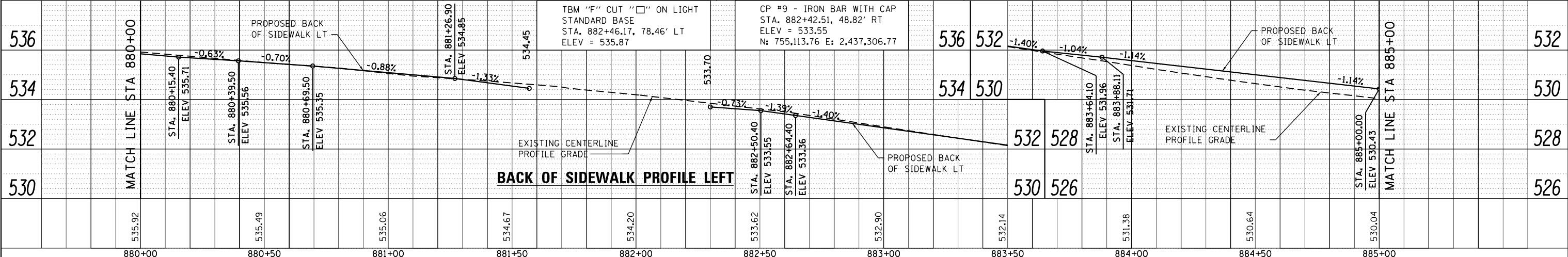


PLAN SHEET LEGEND

- TREES/BUSHES
- DECORATIVE LIGHTING
- PCC SIDEWALK
- INLET AND PIPE PROTECTION
- DECORATIVE SIGN POST
- SIGN POST

N

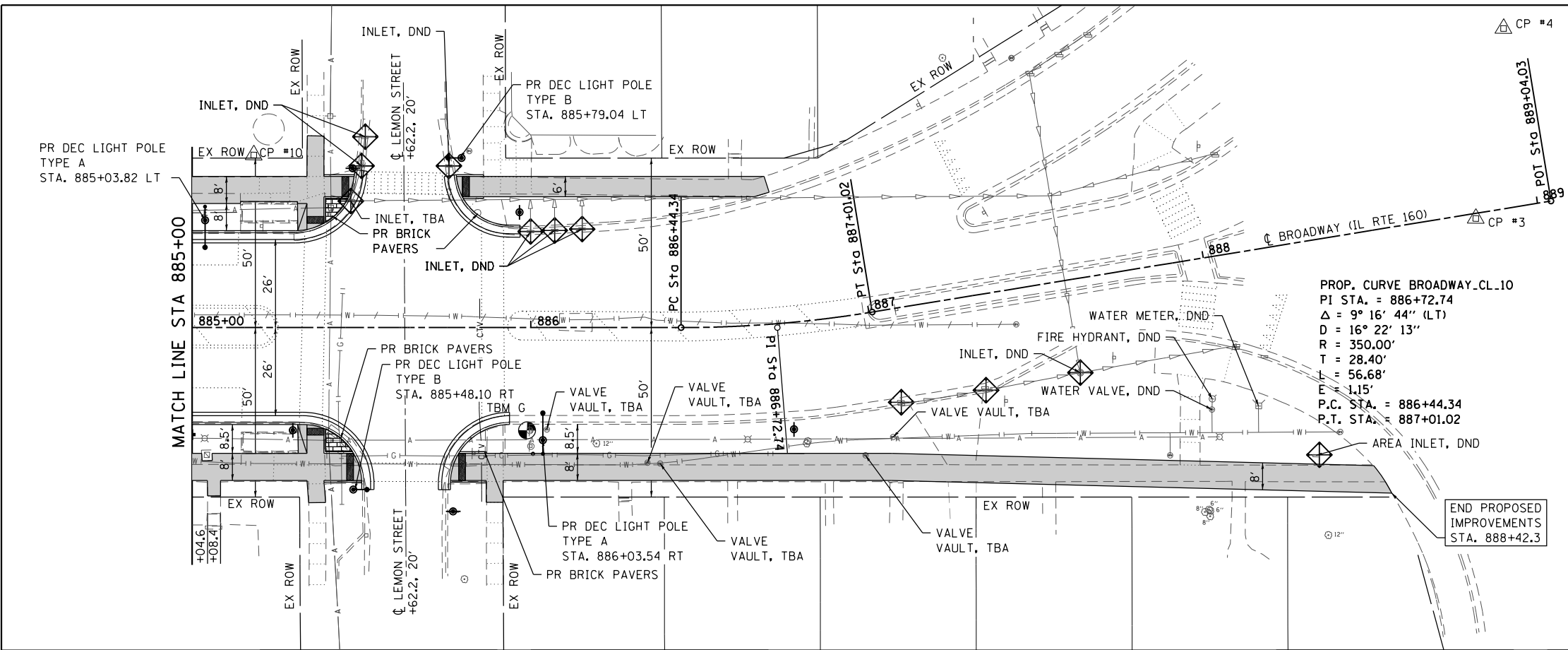
 20' 0 20' 40'
 SCALE: 1" = 20'



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

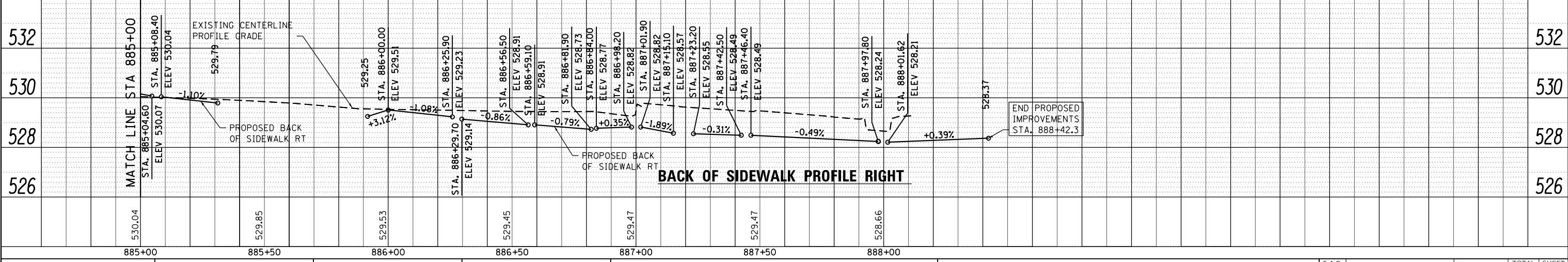
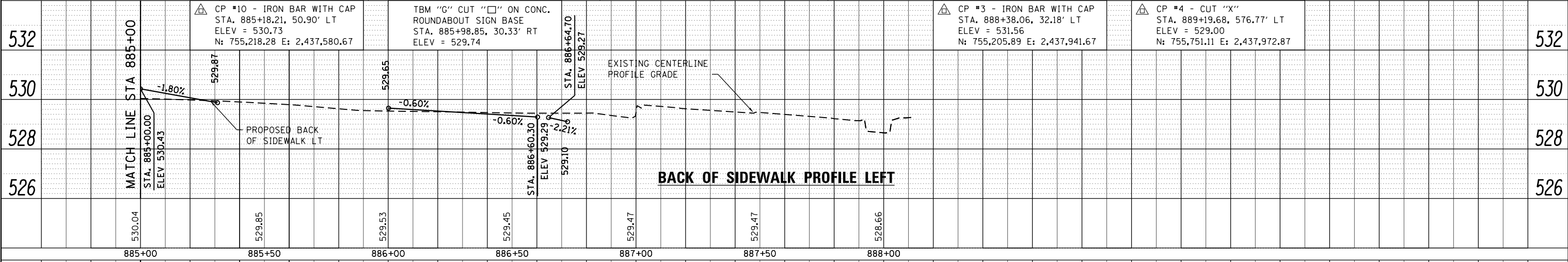
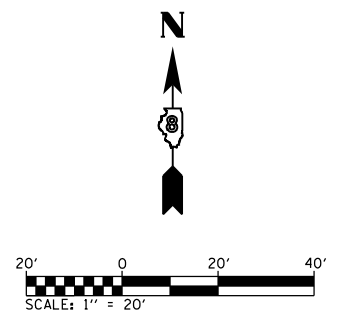
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	

MODEL: plm16
 FILE NAME: H:\18065 - Broadway Streetscape Phase 1\CADD\Microstation\CADD Sheets\18065-sheets\plan.rvt.dgn



PLAN SHEET LEGEND

- TREES/BUSHES
- DECORATIVE LIGHTING
- PCC SIDEWALK
- INLET AND PIPE PROTECTION
- DECORATIVE SIGN POST
- SIGN POST



OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115




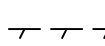
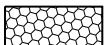

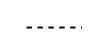
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	CHECKED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/3/2020	CHECKED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

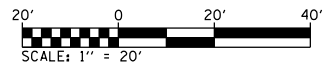
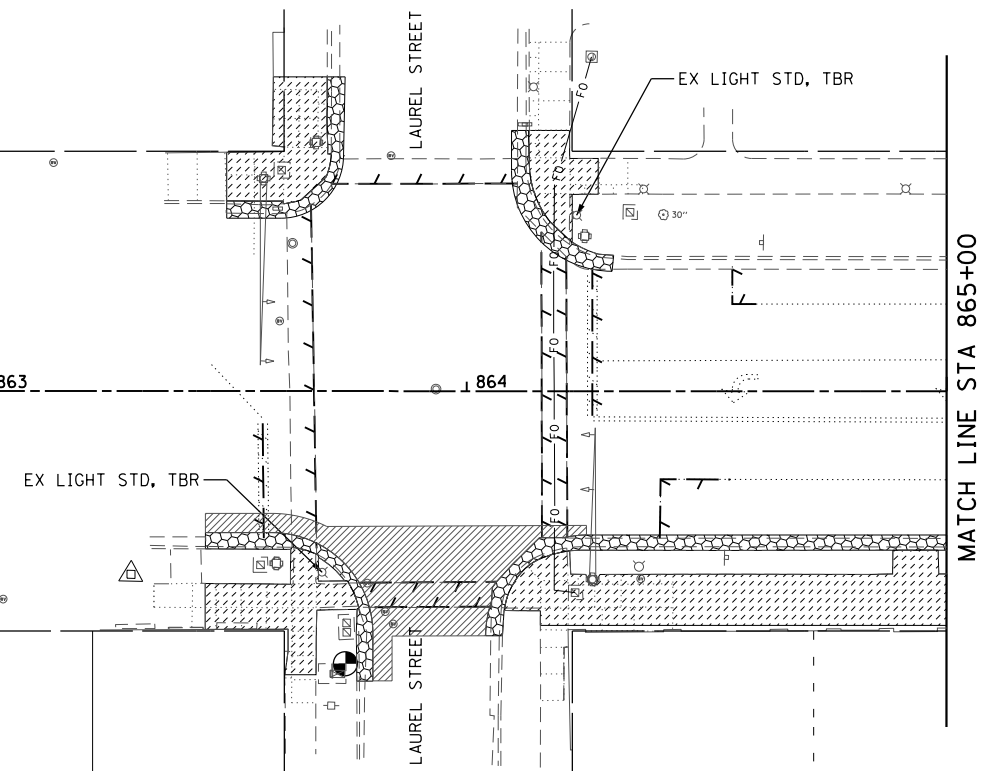
PLAN AND PROFILE SHEETS
 SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 885+00.00 TO STA. 888+38.06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	20
CITY OF HIGHLAND ILLINOIS				FED. AID PROJECT
CONTRACT NO. 97735				

REMOVAL SHEETS LEGEND

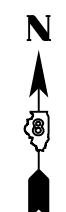
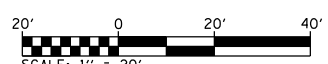
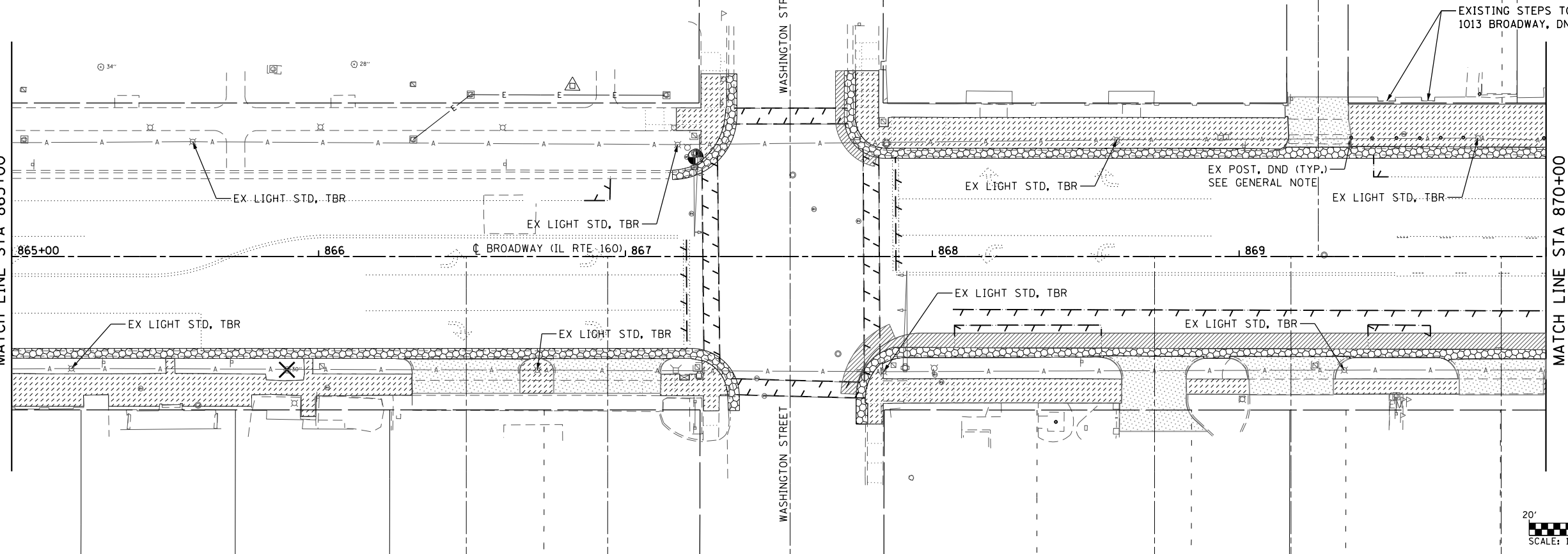
-  CONCRETE SIDEWALK REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  PAVEMENT REMOVAL
-  PAVEMENT MARKING REMOVAL - WATER BLASTING
-  CURB AND GUTTER REMOVAL
-  TREE REMOVAL
-  LIMITS OF CONSTRUCTION

860+00 861 862 863 864
 CL BROADWAY (IL RTE 160)



MATCH LINE STA 865+00

865+00 866 867 868 869
 CL BROADWAY (IL RTE 160)



MODEL: REFI
 FILE NAME: I:\R18065 - Broadway Streetscape Phase 1\CADD\Microstation\CADD Sheets\18065-sht-removal.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



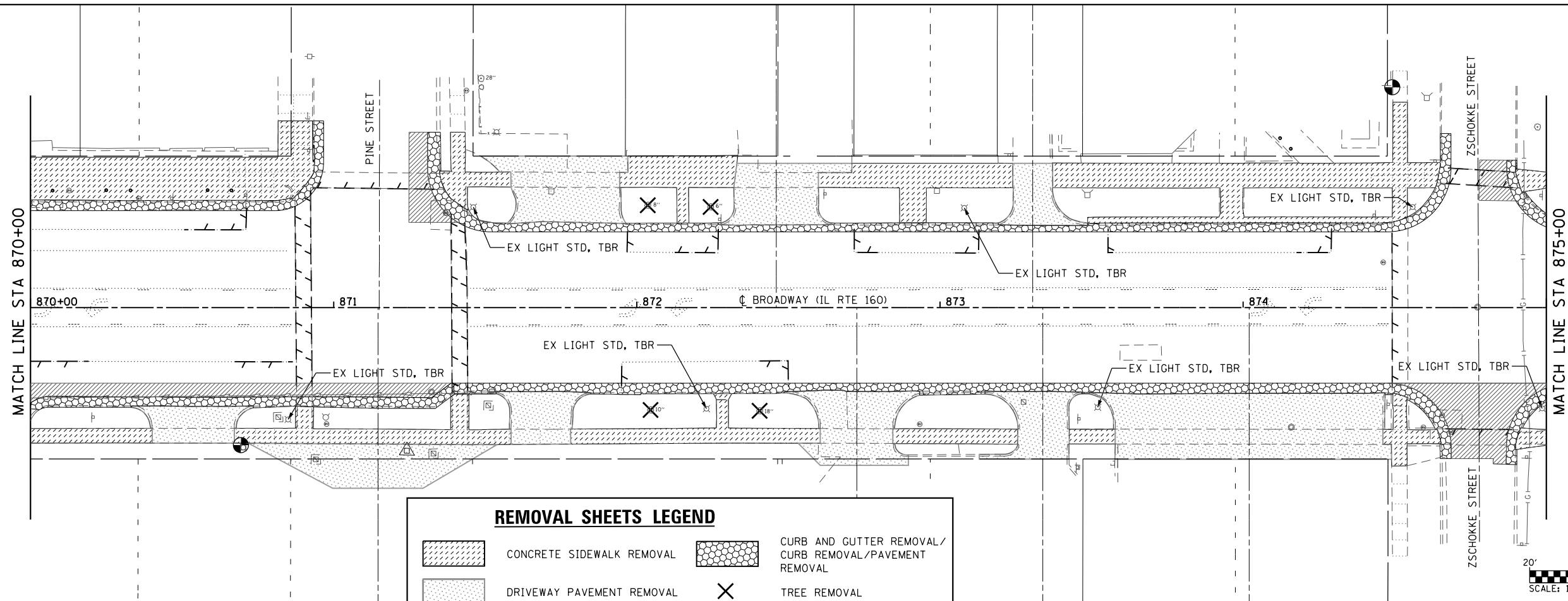
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PLOT SCALE = 40.0000' / in.	DRAWN - _____	REVISED - _____
DATE = 4/10/2020	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEETS

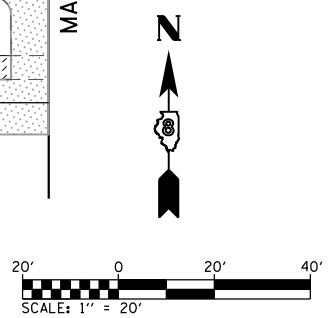
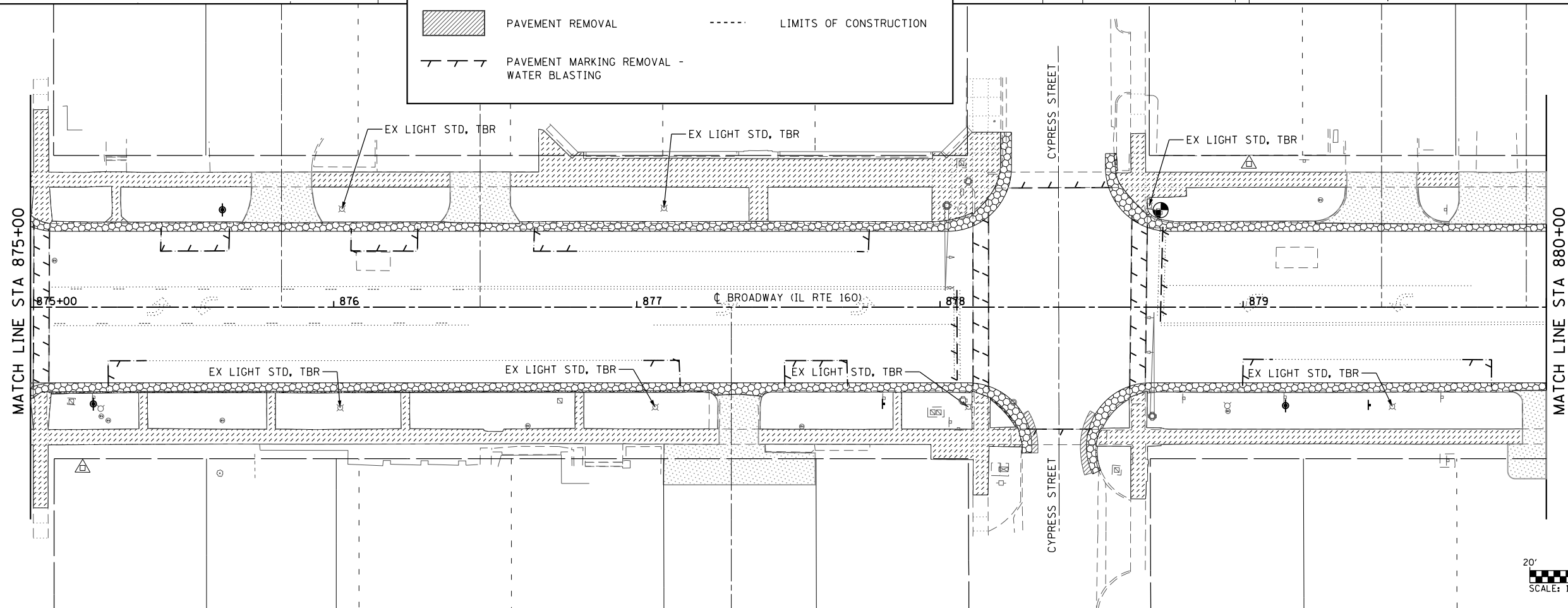
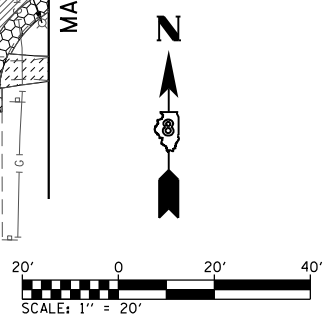
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 860+00.00 TO STA. 870+00.00

F.A.P. RTE. 690	SECTION 18-00072-00-LS	COUNTY MADISON	TOTAL SHEETS 62	SHEET NO. 21
CITY OF HIGHLAND ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97735				



REMOVAL SHEETS LEGEND

<p> CONCRETE SIDEWALK REMOVAL</p> <p> DRIVEWAY PAVEMENT REMOVAL</p> <p> PAVEMENT REMOVAL</p> <p> PAVEMENT MARKING REMOVAL - WATER BLASTING</p>	<p> CURB AND GUTTER REMOVAL / CURB REMOVAL / PAVEMENT REMOVAL</p> <p> TREE REMOVAL</p> <p> LIMITS OF CONSTRUCTION</p>
--	---



MODEL: REPAIR
 FILE NAME: I:\18065 - Broadway Streetscape Phase 1\CADD\Microstation\CADD Sheets\18065-sht-removal.sdm
 ILLINOIS DESIGN FIRM LICENSE NO. 184.001115



USER NAME = matt.fields
 PLOT SCALE = 40.0000 ' / in.
 DATE = 4/3/2020

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

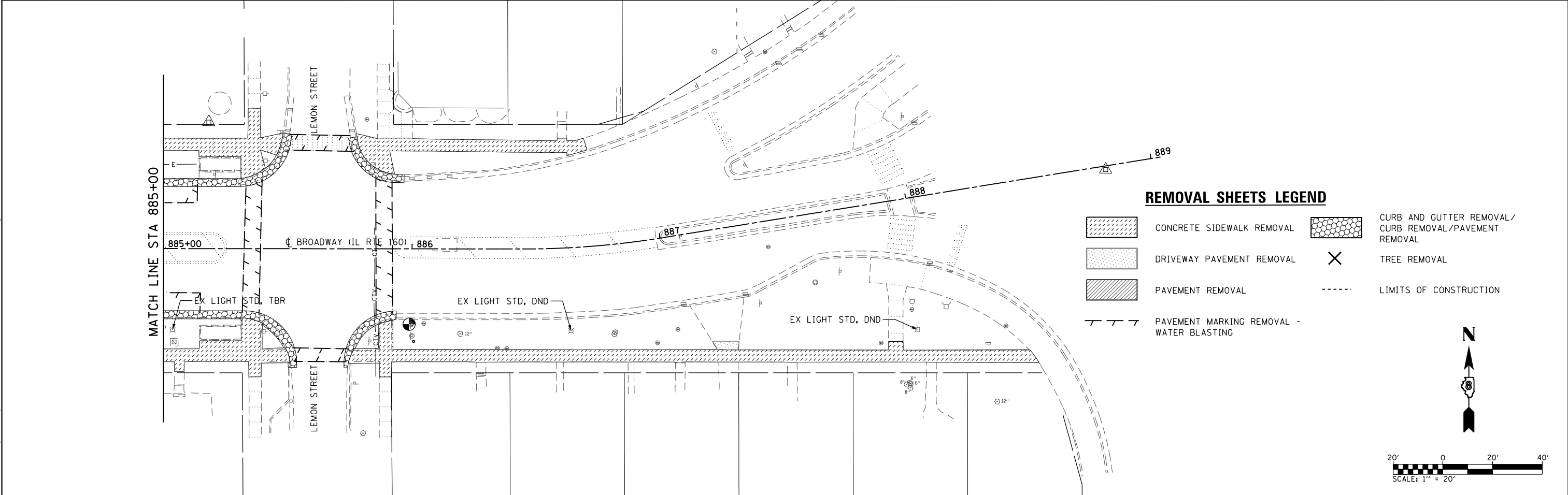
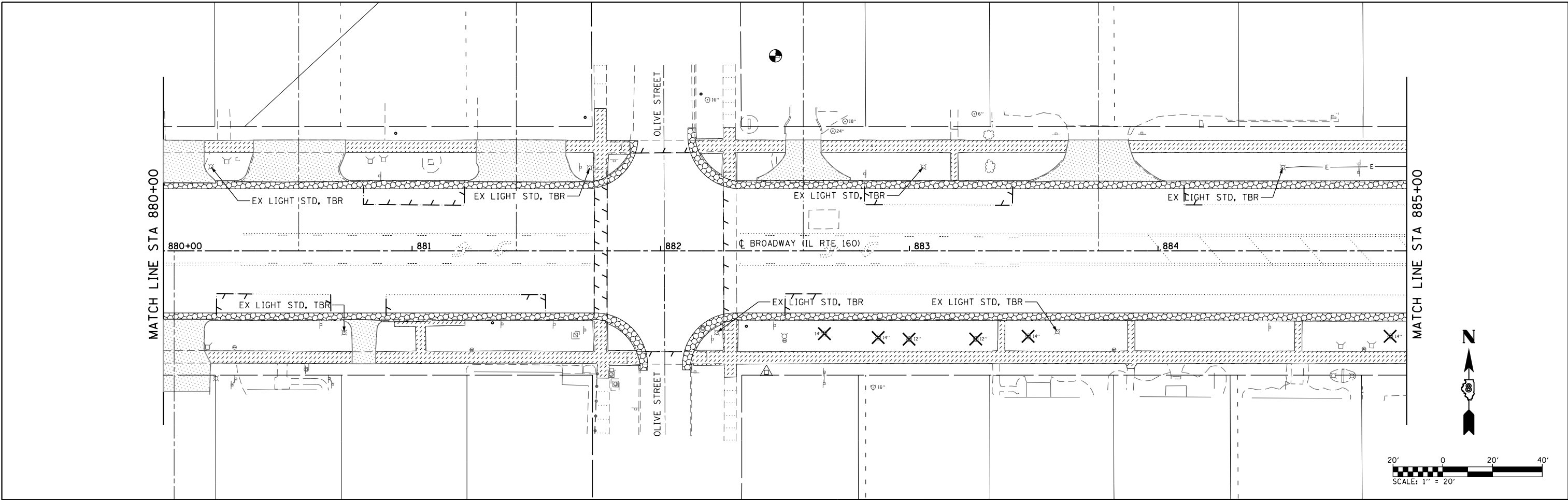
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEETS

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 870+00.00 TO STA. 880+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	22
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



REMOVAL SHEETS LEGEND

- CONCRETE SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- CURB AND GUTTER REMOVAL / CURB REMOVAL / PAVEMENT REMOVAL
- TREE REMOVAL
- LIMITS OF CONSTRUCTION

MODEL: REHS
 FILE NAME: I:\R18065 - Broadway Streetscape Phase 1\CADD\Microstation\CADD Sheets\18065-sht-removal.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



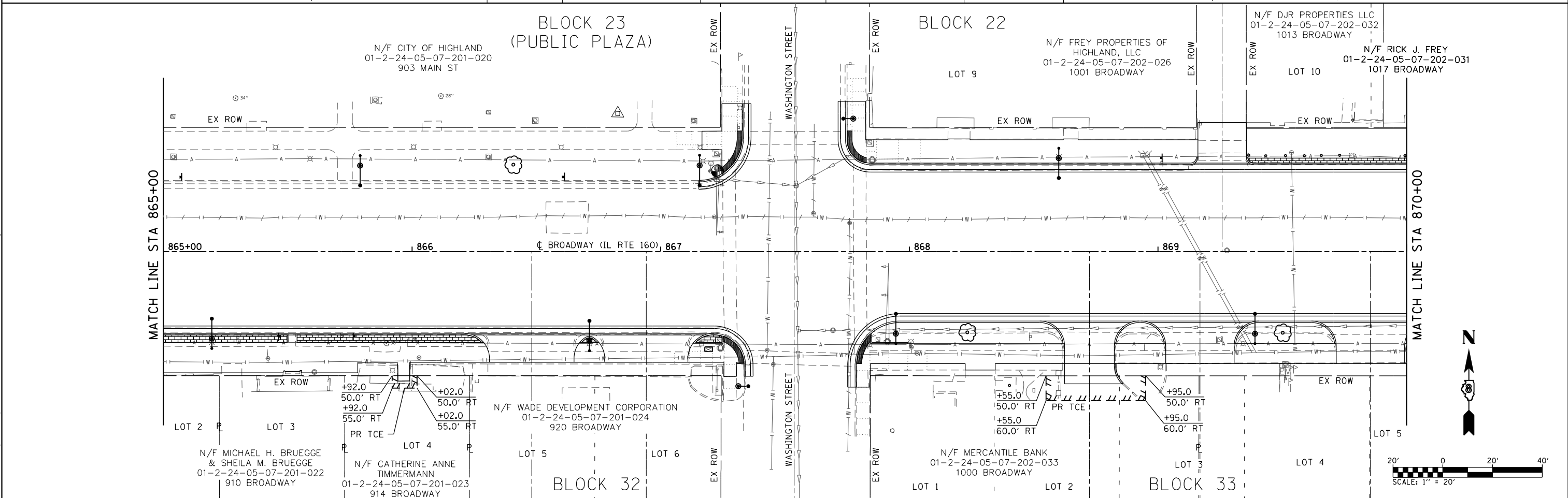
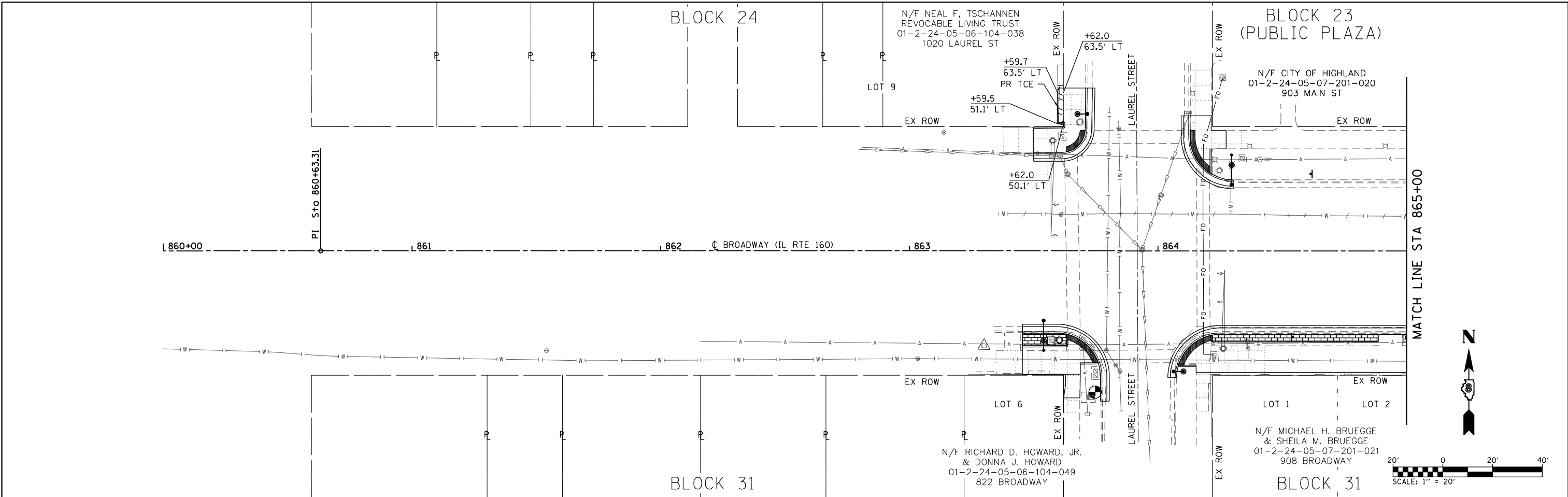
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 DATE = 5/14/2020

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEETS
 SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 880+00.00 TO STA. 889+04.03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	23
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



MODEL: R001
 FILE NAME: I:\R18065 - Broadway Streetscape Phase 1\CADD\MicroStation\CADD_Sheets\18065-5-18-ROW.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = matt.fields	DESIGNED -	REVISED -
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	DATE = 4/3/2020	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY SHEETS
 SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 860+00.00 TO STA. 870+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	24
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	

BLOCK 22

BLOCK 21

N/F METRO INFLATABLE LLC
01-2-24-05-07-202-031.002
1019 BROADWAY

N/F MOR-LOFF PROPERTIES, INC
01-2-24-05-07-203-035
1101 BROADWAY

N/F CITY OF HIGHLAND
01-2-24-05-07-203-031
1113 BROADWAY

N/F CITY OF HIGHLAND
01-2-24-05-07-203-029
1115 BROADWAY

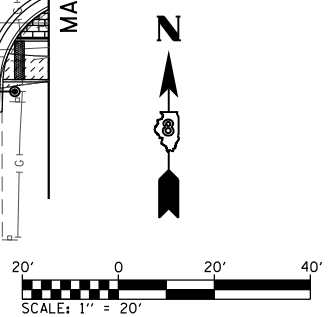
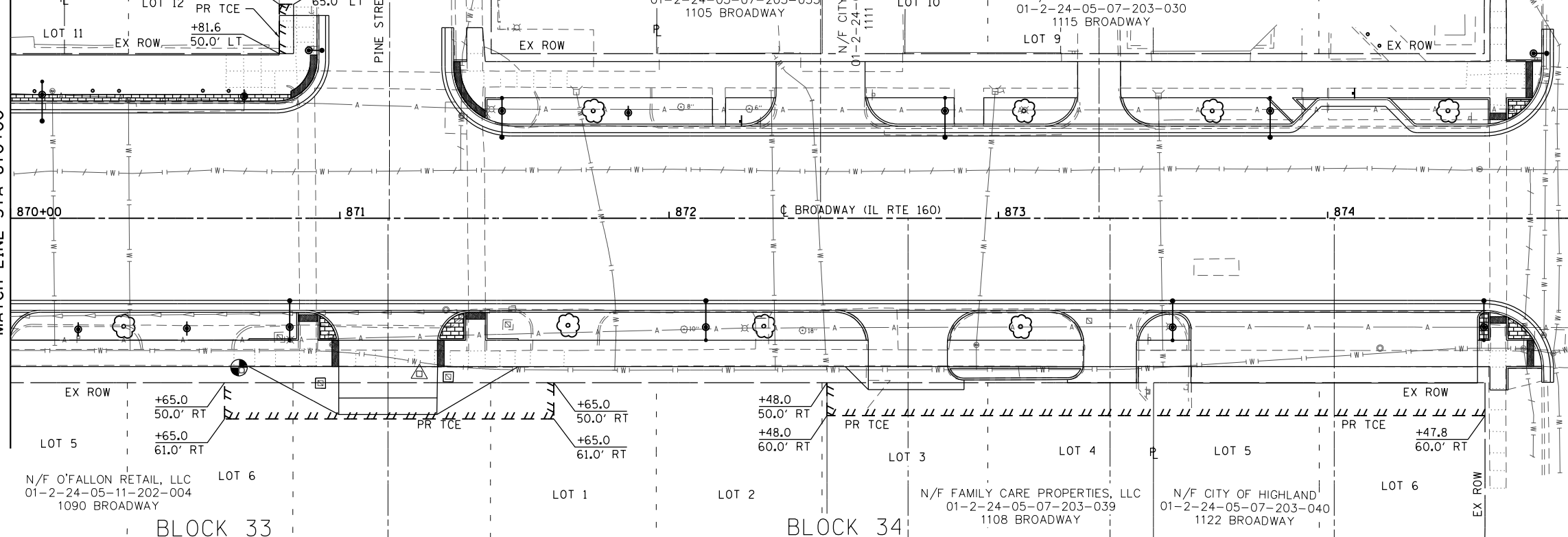
N/F RICK J. FREY
01-2-24-05-07-202-031
1017 BROADWAY

N/F BRIAN F. RUFFINI &
CONSTANCE M. RUFFINI
01-2-24-05-07-203-033
1105 BROADWAY

N/F CITY OF HIGHLAND
01-2-24-05-07-203-030
1115 BROADWAY

MATCH LINE STA 870+00

MATCH LINE STA 875+00



BLOCK 33

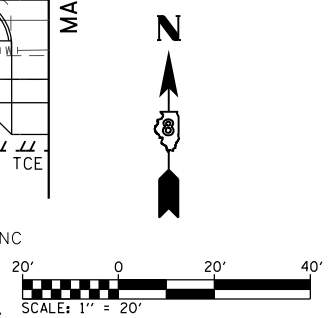
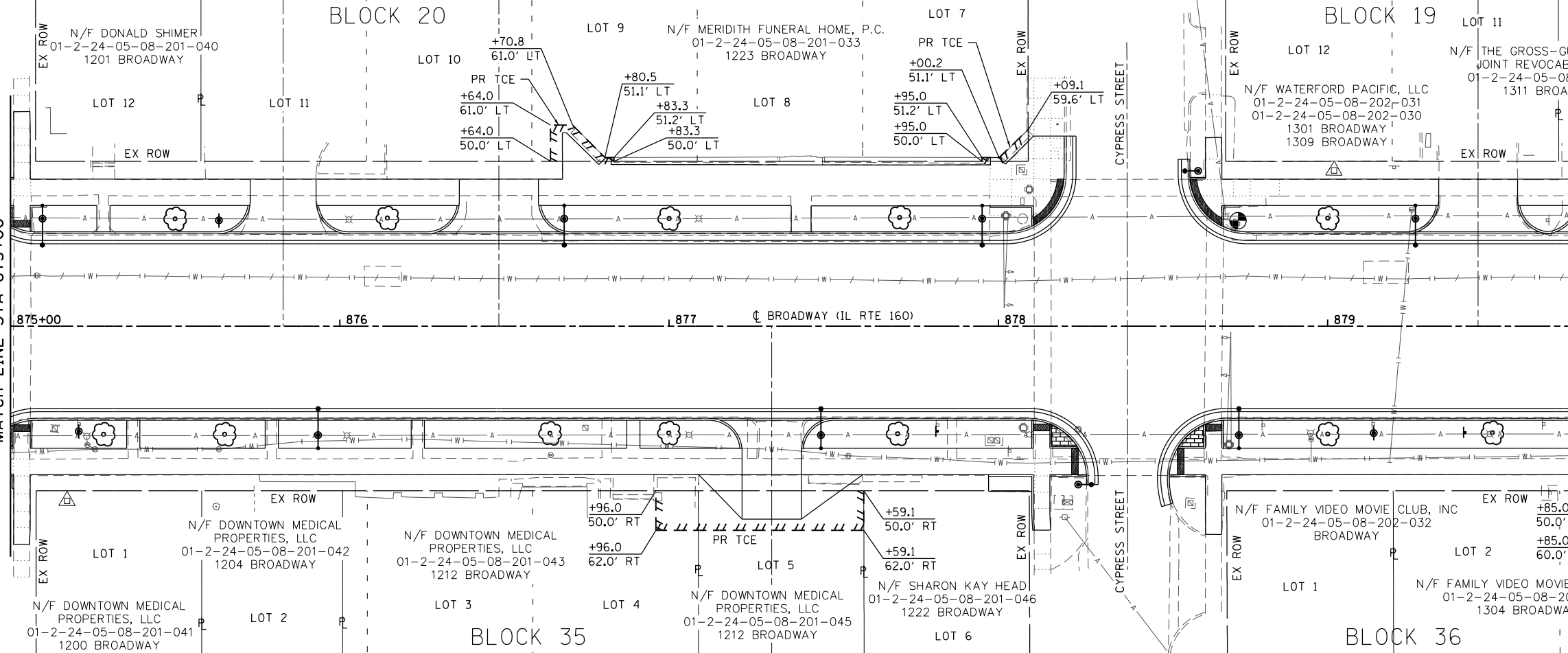
BLOCK 34

BLOCK 20

BLOCK 19

MATCH LINE STA 875+00

MATCH LINE STA 880+00



MATCH LINE STA 875+00

MATCH LINE STA 880+00

MODEL: R0V02
FILE NAME: R:\18065 - Broadway Streetscape Phase 1\CADD\Microstation\CADD Sheets\18065-sfr-R0V02.dgn



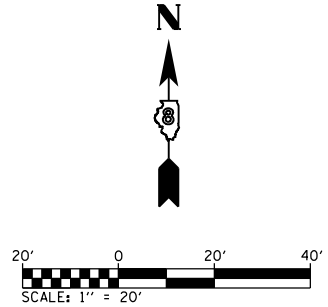
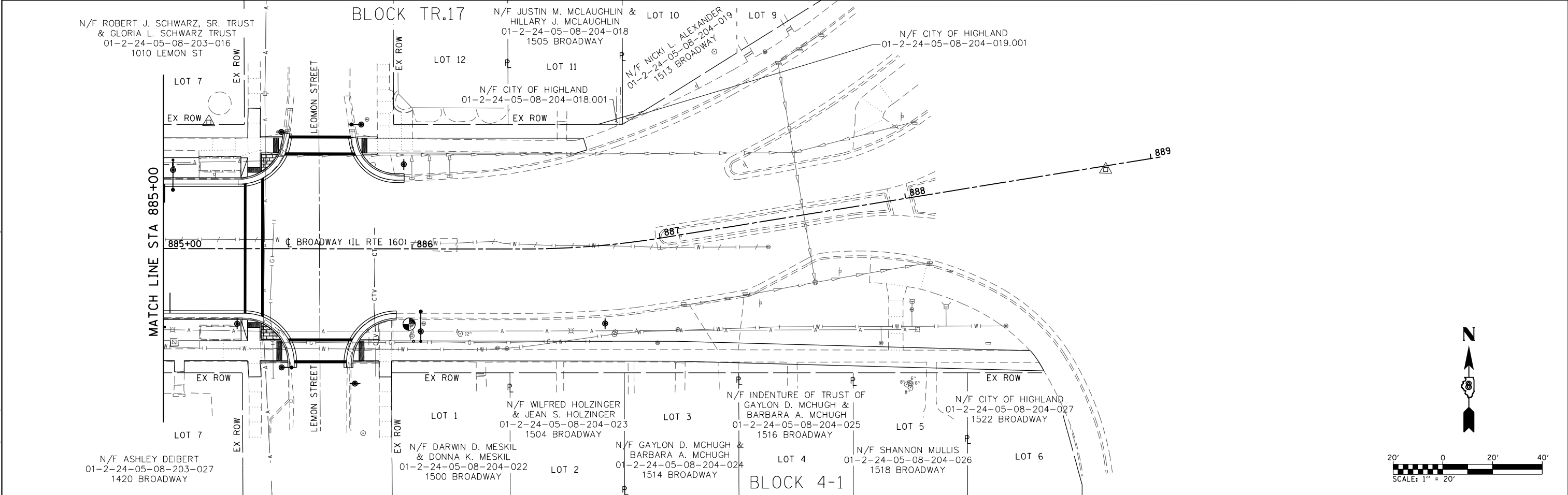
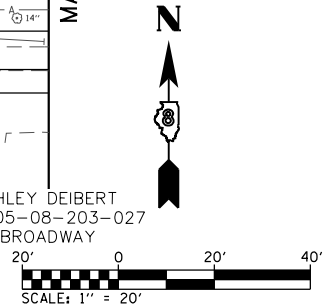
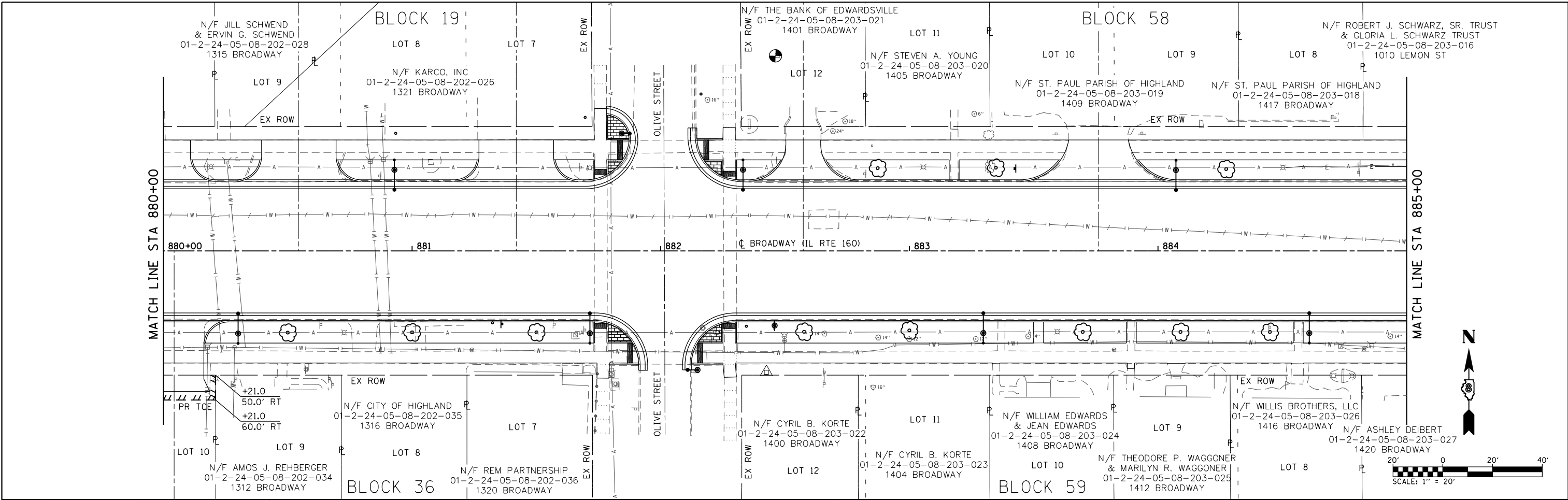
USER NAME = matt.fields	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
DATE = 4/3/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RIGHT-OF-WAY SHEETS

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 870+00.00 TO STA. 880+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	25
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	



MODEL: R0105 - Broadway Streetscape Phase 1\CADD\Microstation\CADD_Sheets\18905-Str-ROW.dgn
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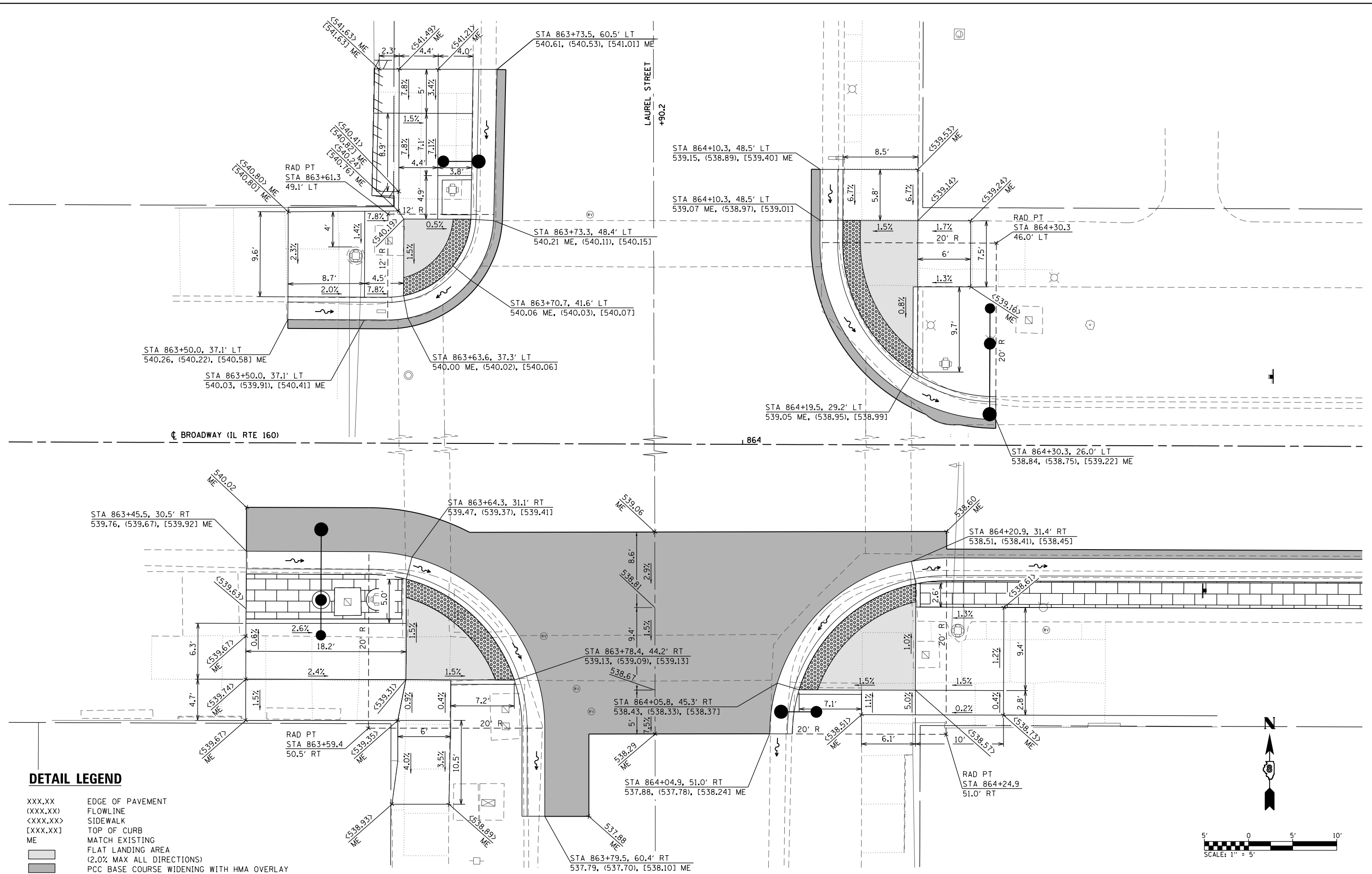


USER NAME = matt.fields	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/3/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY SHEETS
 SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 880+00.00 TO STA. 889+04.03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	26
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA
- (2.0% MAX ALL DIRECTIONS)
- PCC BASE COURSE WIDENING WITH HMA OVERLAY

MODEL: 7.01 (1) - Broadway - Streetscape Phase 1 (CADD) MicroStation CADD - Streets18065-sch4-intersections.dgn
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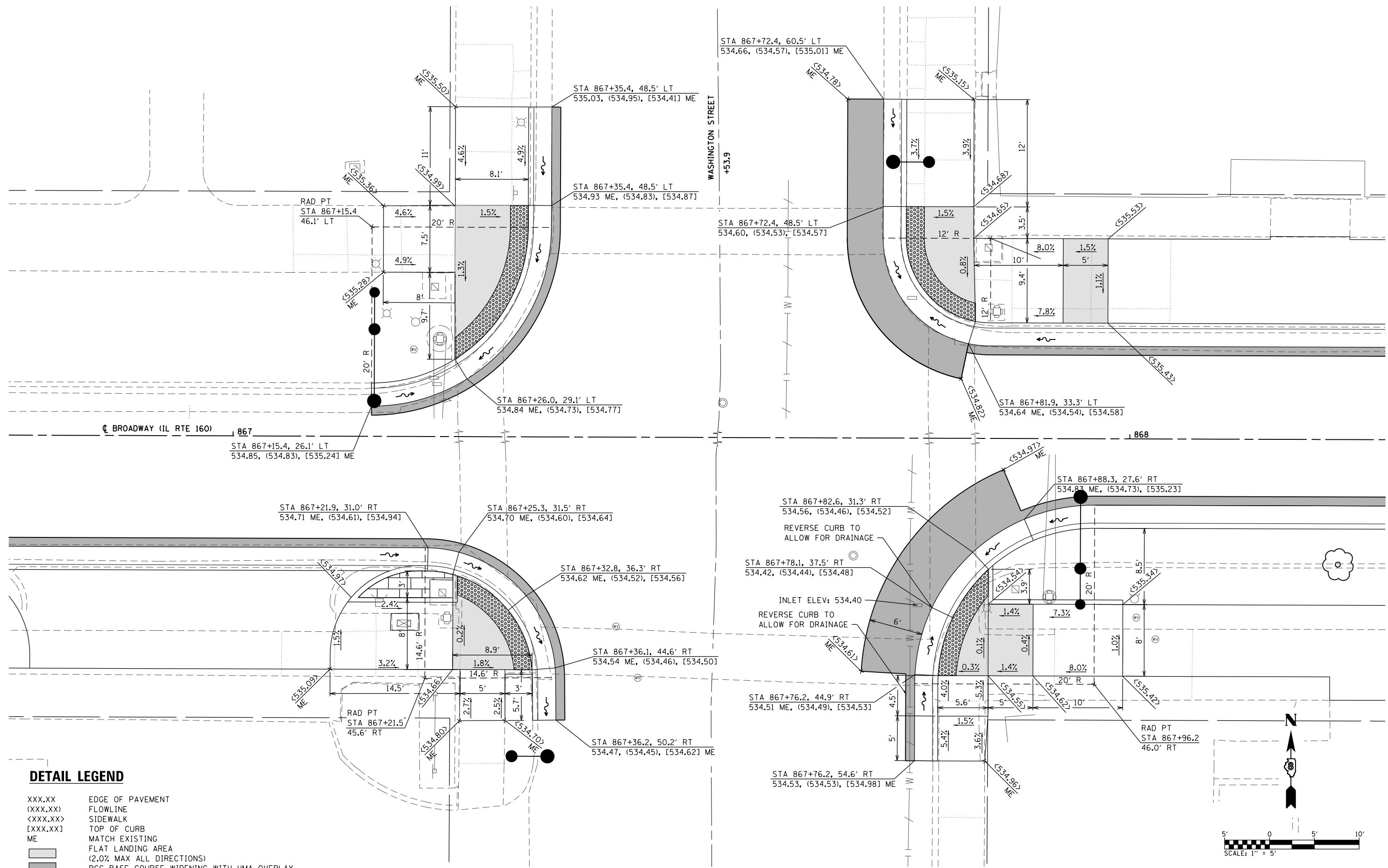
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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/3/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL SHEETS

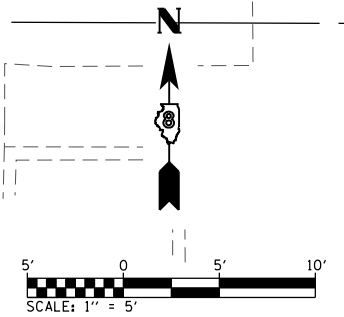
SCALE: 1" = 5' SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	27
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)
- PCC BASE COURSE WIDENING WITH HMA OVERLAY



MODEL: 03 - Washington
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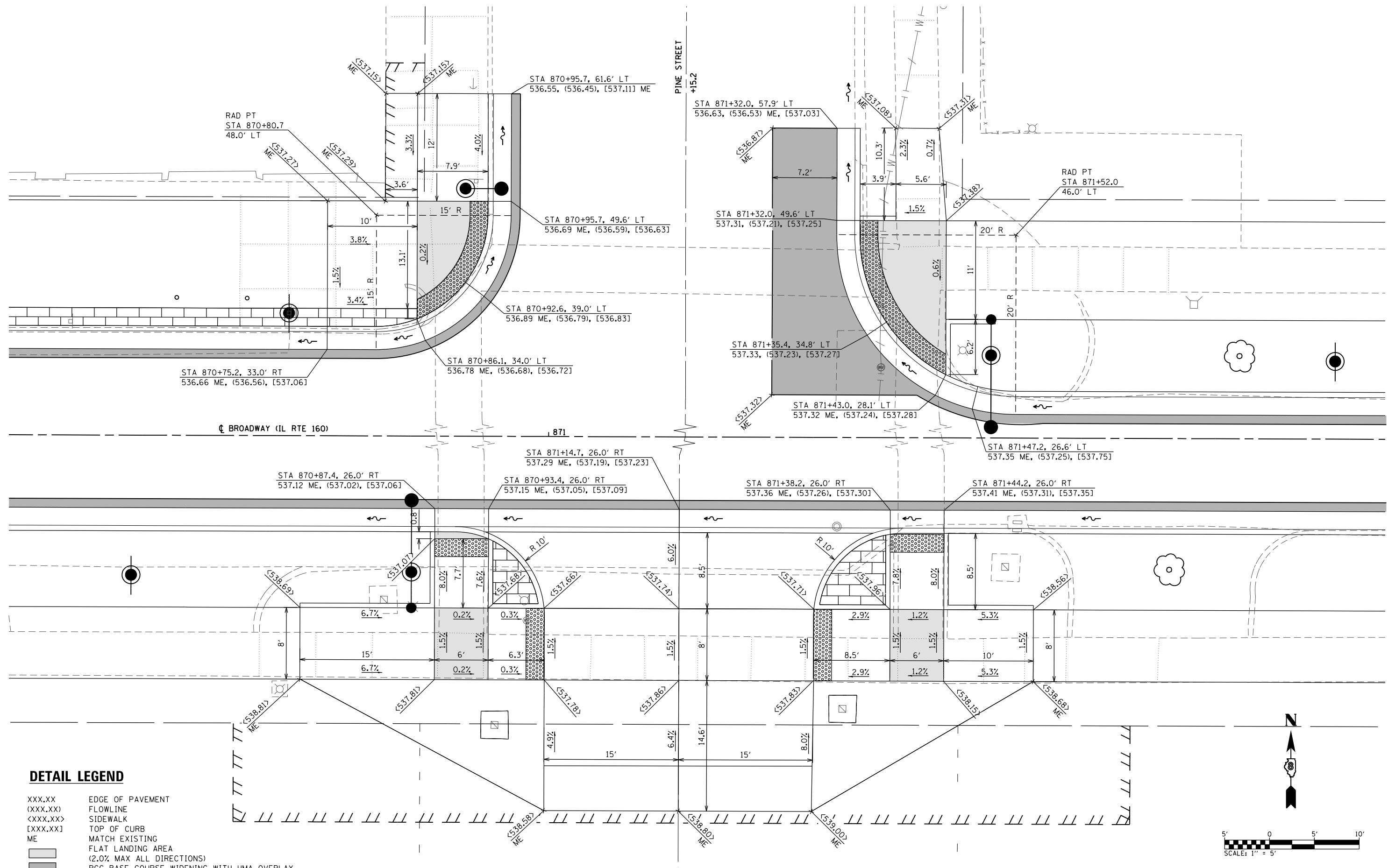
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL SHEETS

SCALE: 1" = 5' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	28
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)
- PCC BASE COURSE WIDENING WITH HMA OVERLAY

MODEL: 7.03.rpt
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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



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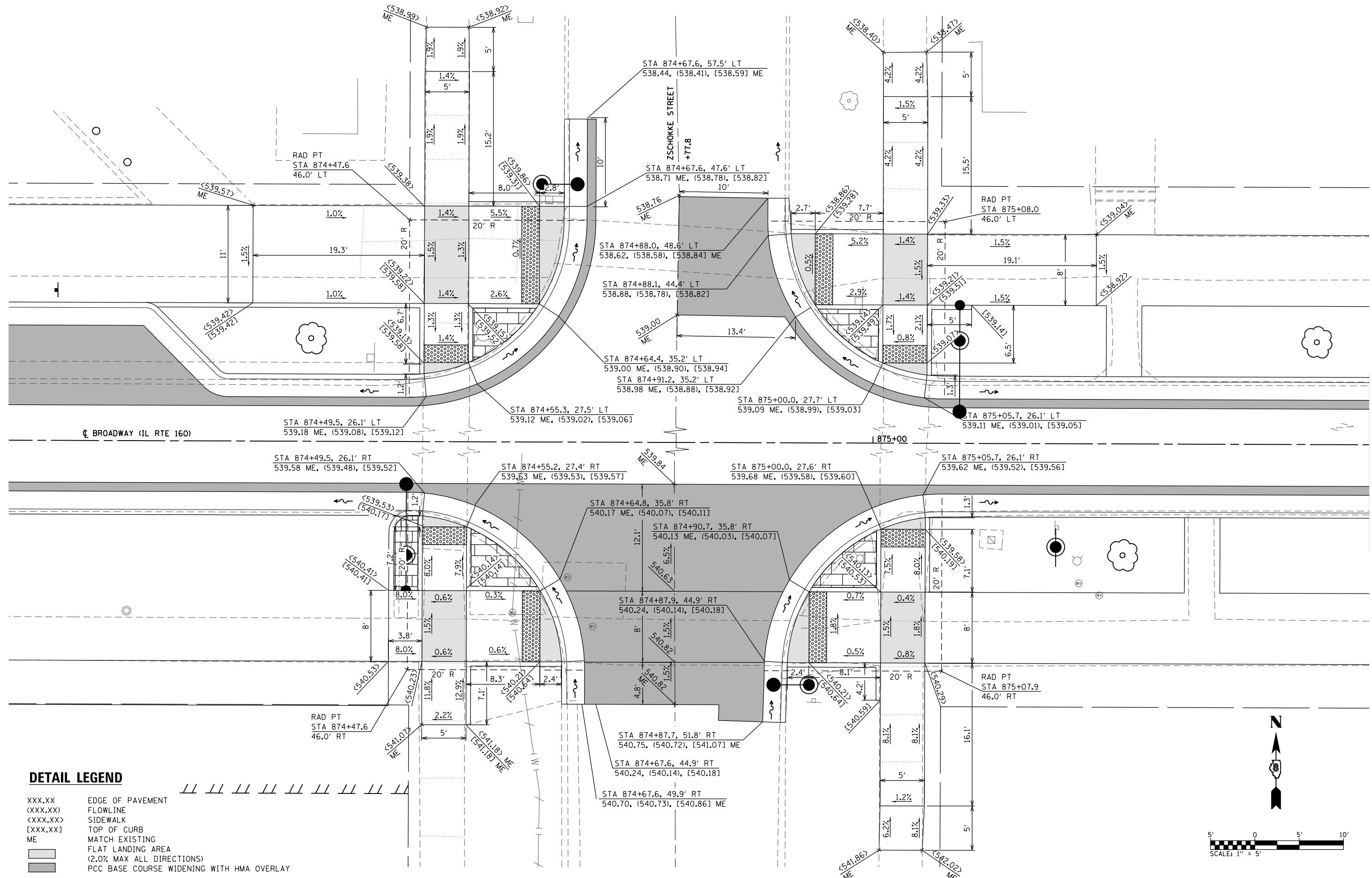
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 CHECKED -
 DATE -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL SHEETS

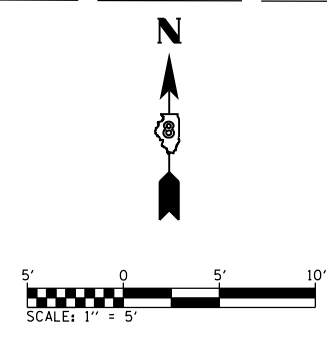
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	29
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)
- PCC BASE COURSE WIDENING WITH HMA OVERLAY



MODEL: 7 04 Zschokke
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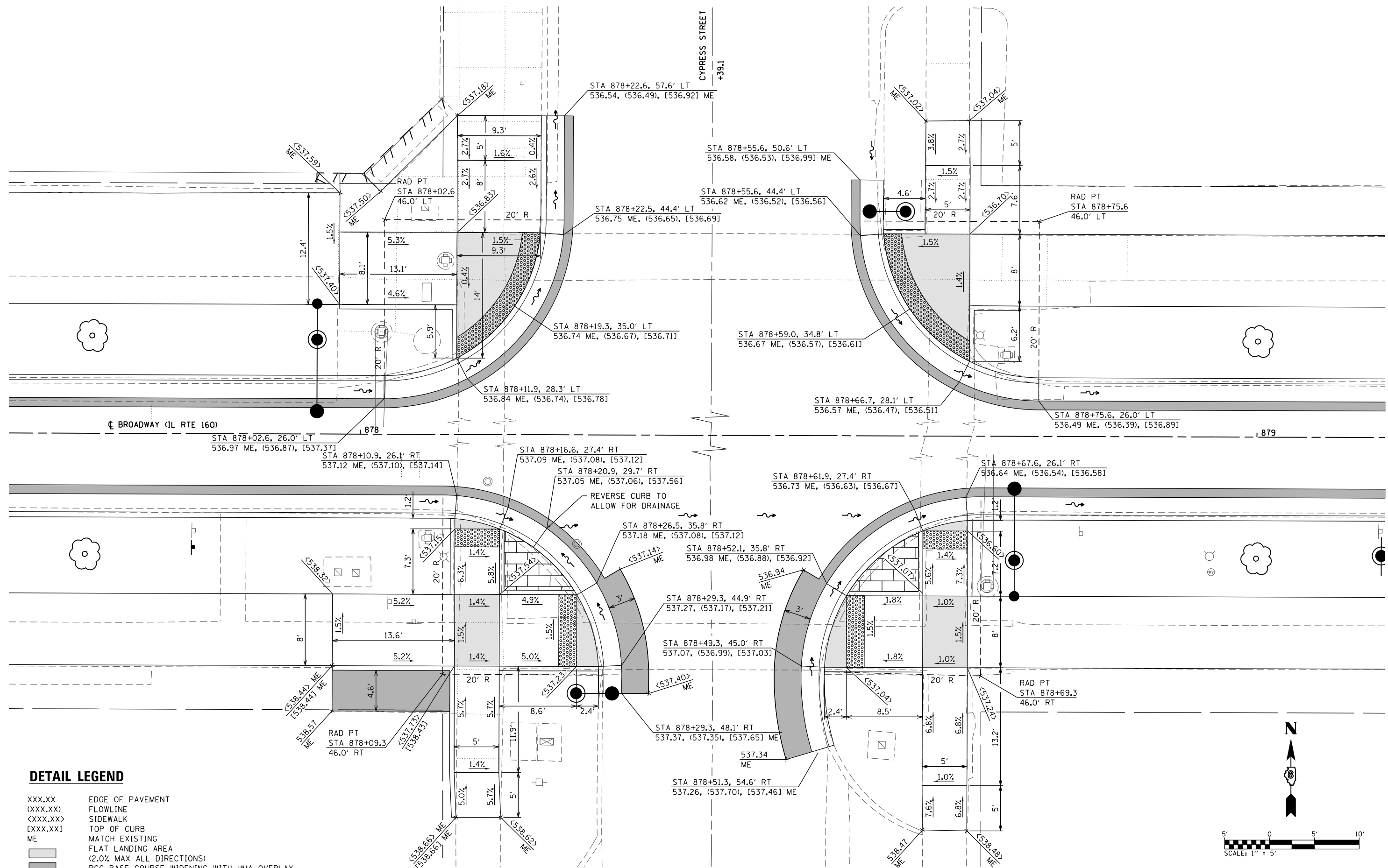
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL SHEETS

SCALE: 1" = 5' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	30
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)
- PCC BASE COURSE WIDENING WITH HMA OVERLAY

MODEL: 7.05 Cypress
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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



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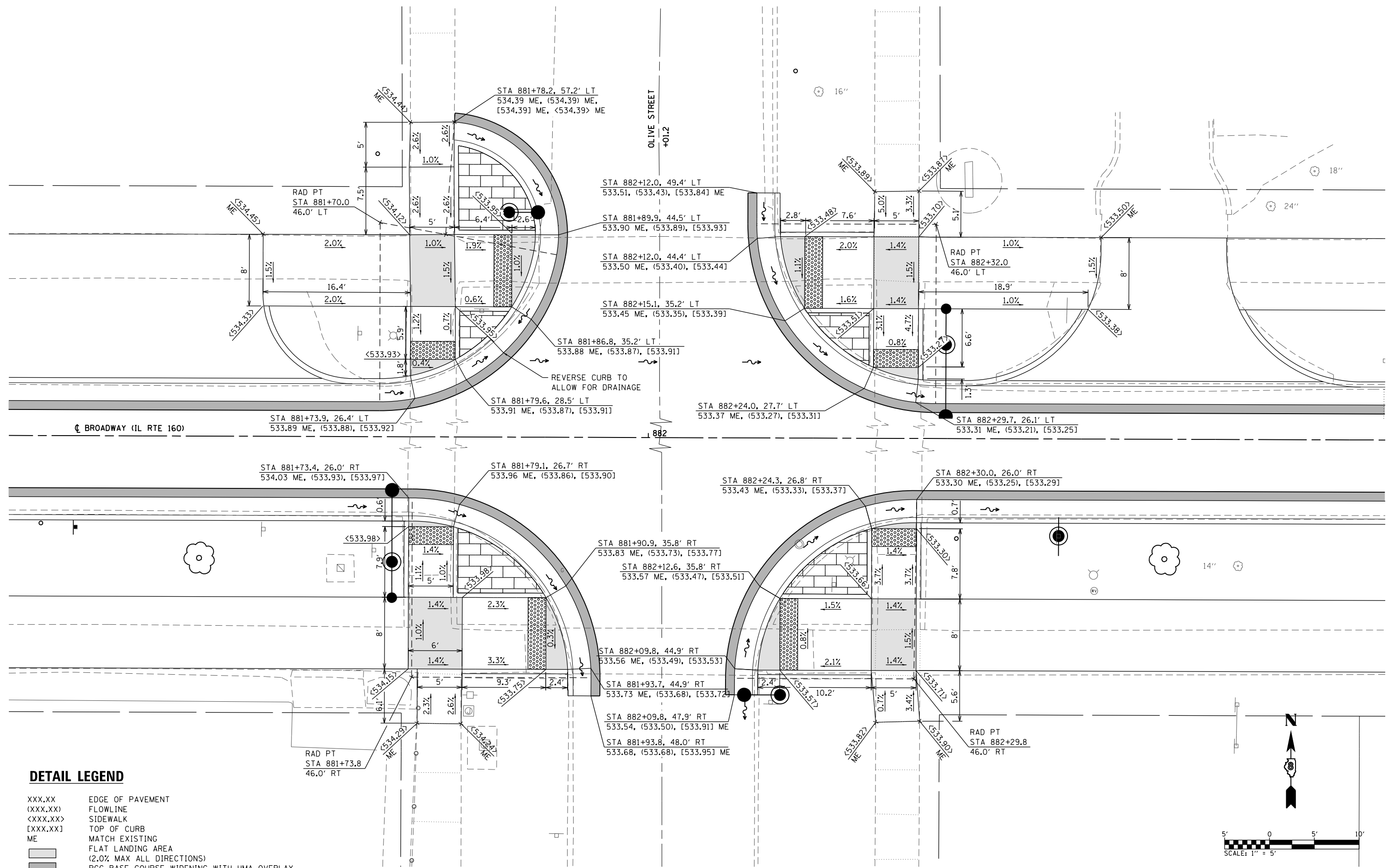
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL SHEETS

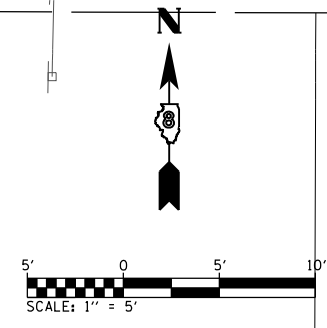
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	31
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- Flat Landing Area (2.0% MAX ALL DIRECTIONS)
- PCC Base Course Widening with HMA Overlay



MODEL 7 06 0116
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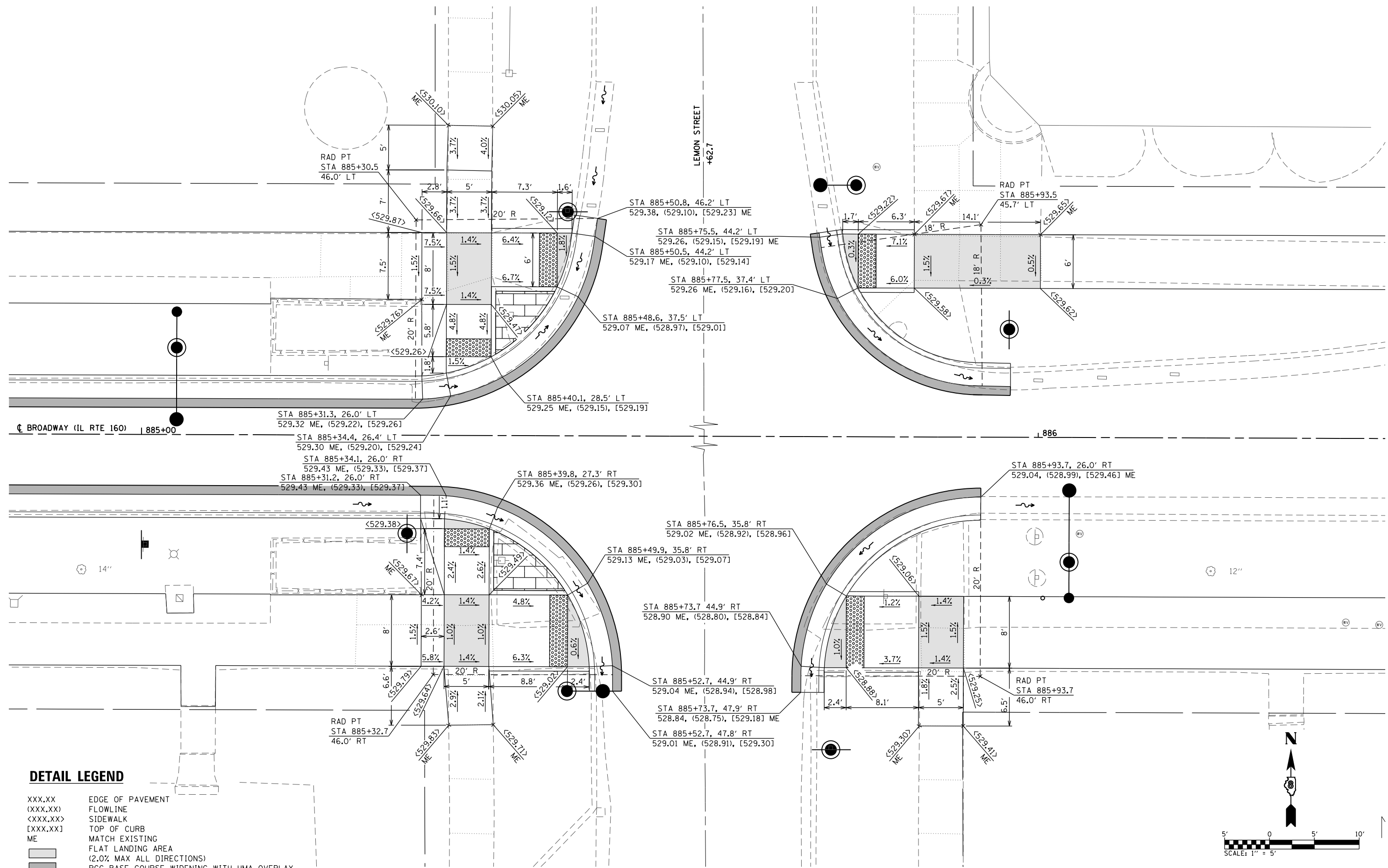


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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

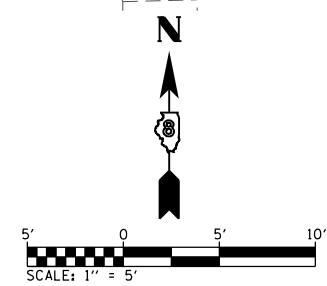
INTERSECTION DETAIL SHEETS		
SCALE: 1" = 5'	SHEET 6 OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	32
		CONTRACT NO. 97735		
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)
- PCC BASE COURSE WIDENING WITH HMA OVERLAY



MODEL: 7.07.dwg
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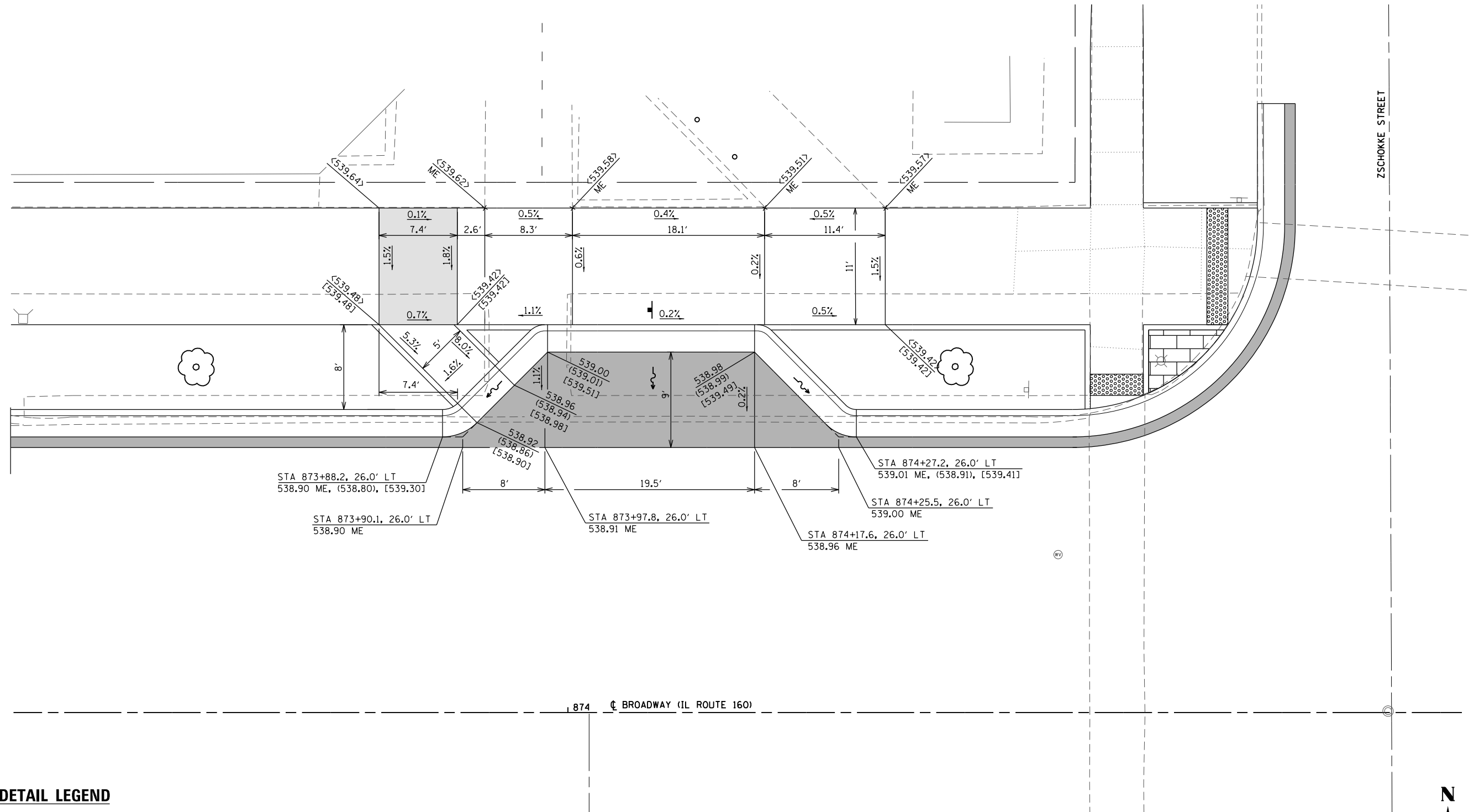
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL SHEETS

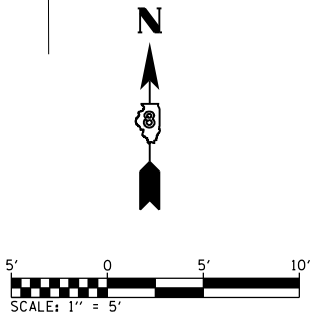
SCALE: 1" = 5'
 SHEET 7 OF 7 SHEETS
 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	33
CONTRACT NO. 97735				
CITY OF HIGHLAND	ILLINOIS	FED. AID PROJECT		



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)
- PCC BASE COURSE WIDENING WITH HMA OVERLAY



MODEL: 7 04/19
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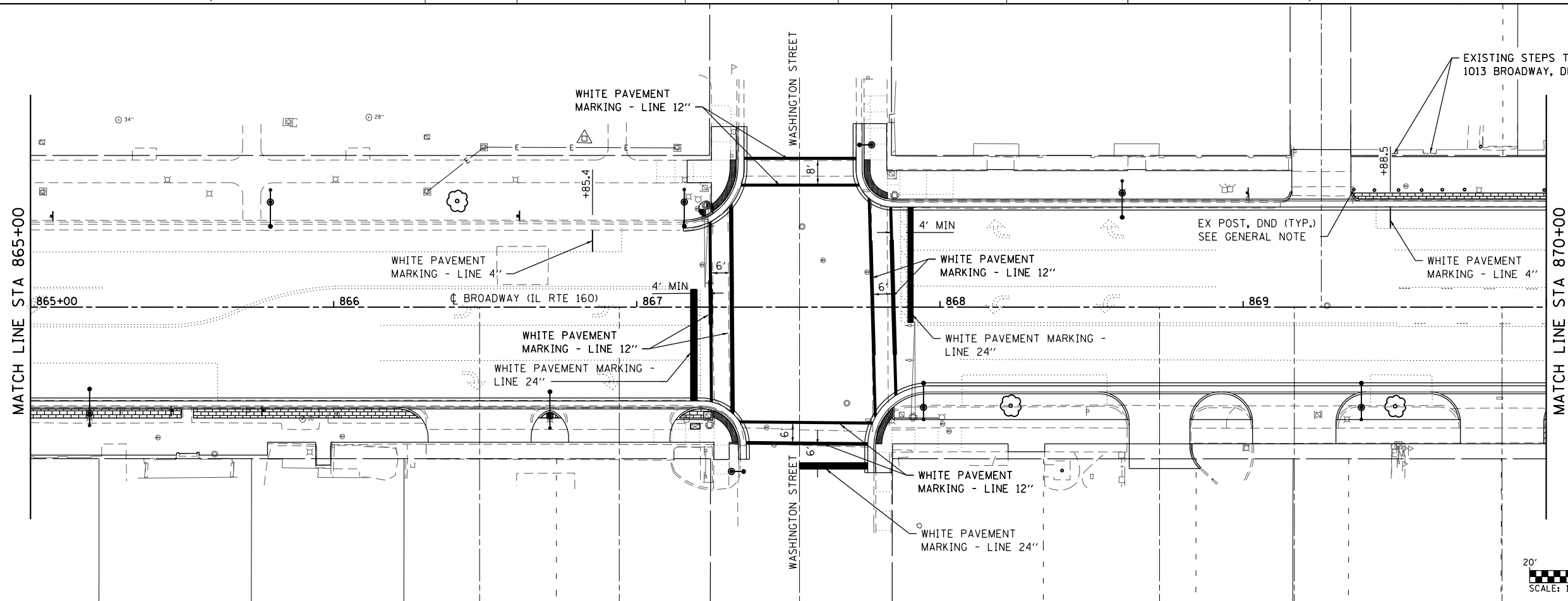
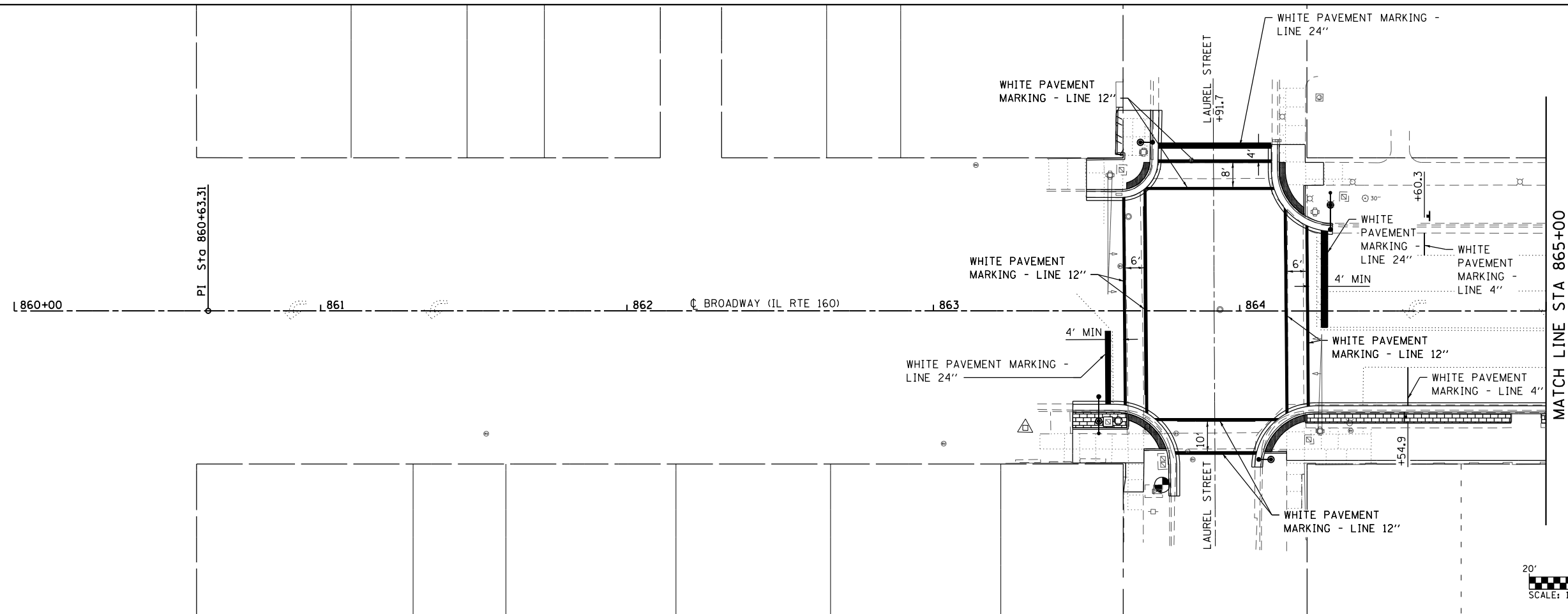
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA PARKING DETAIL SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	34
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



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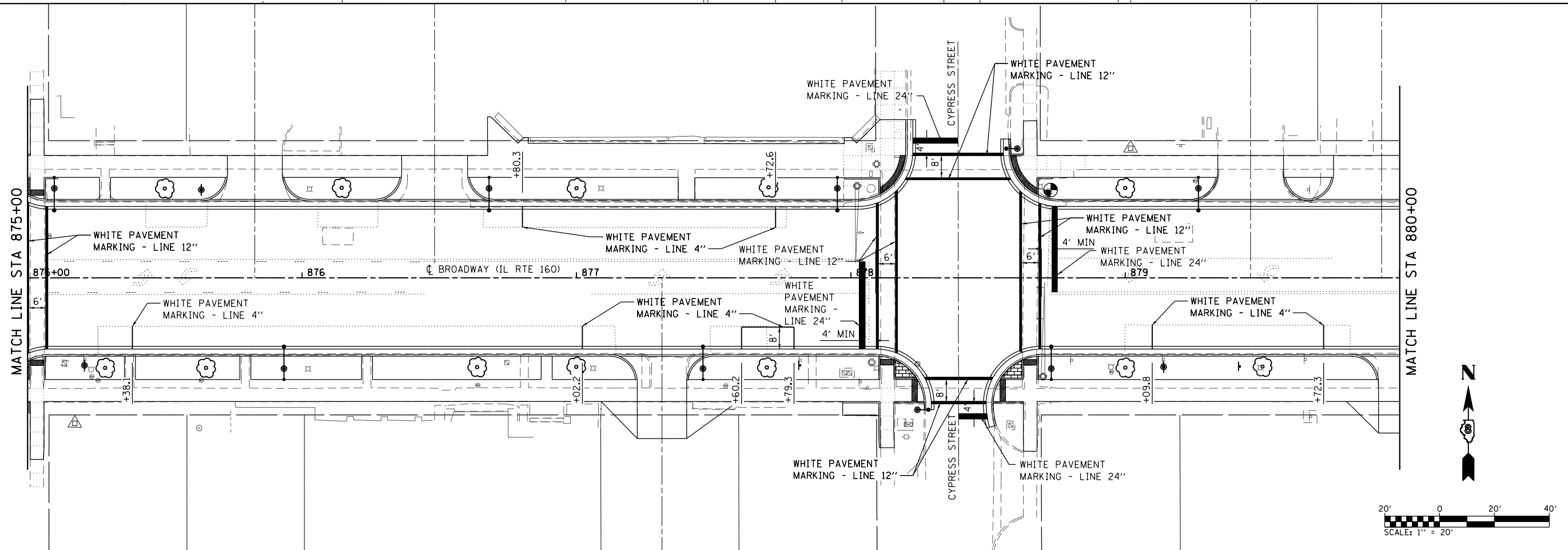
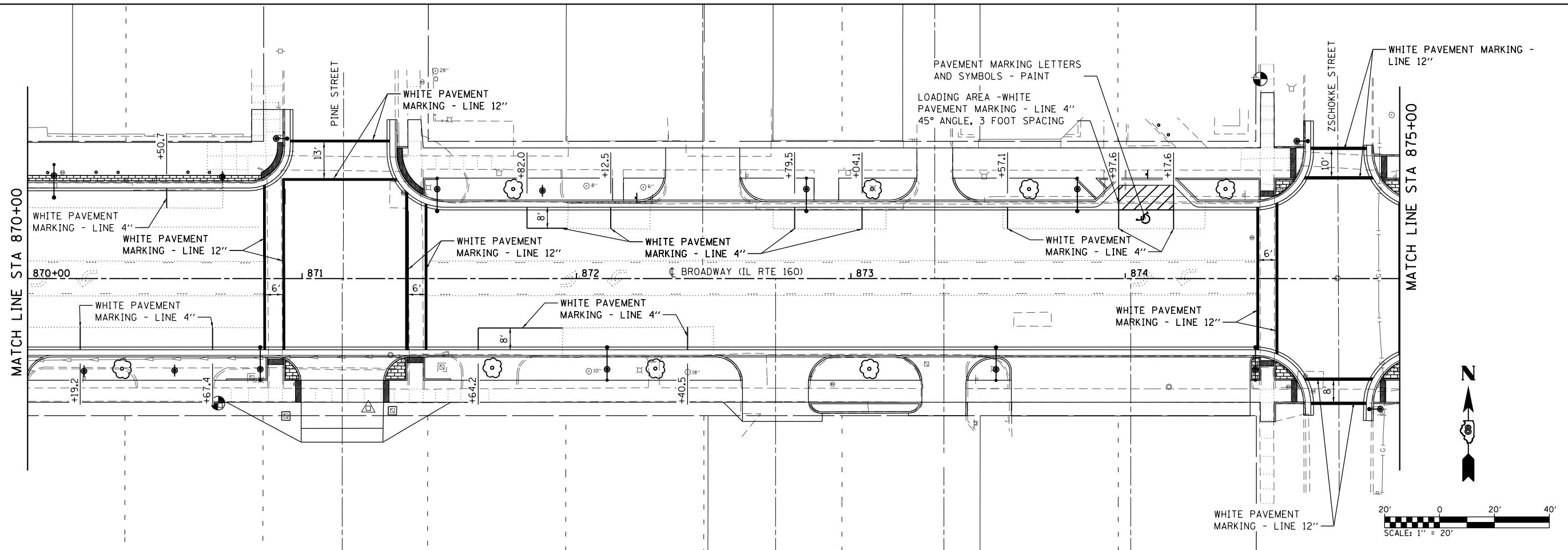
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 860+00.00 TO STA. 870+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	35
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



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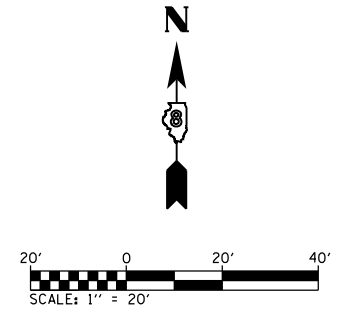
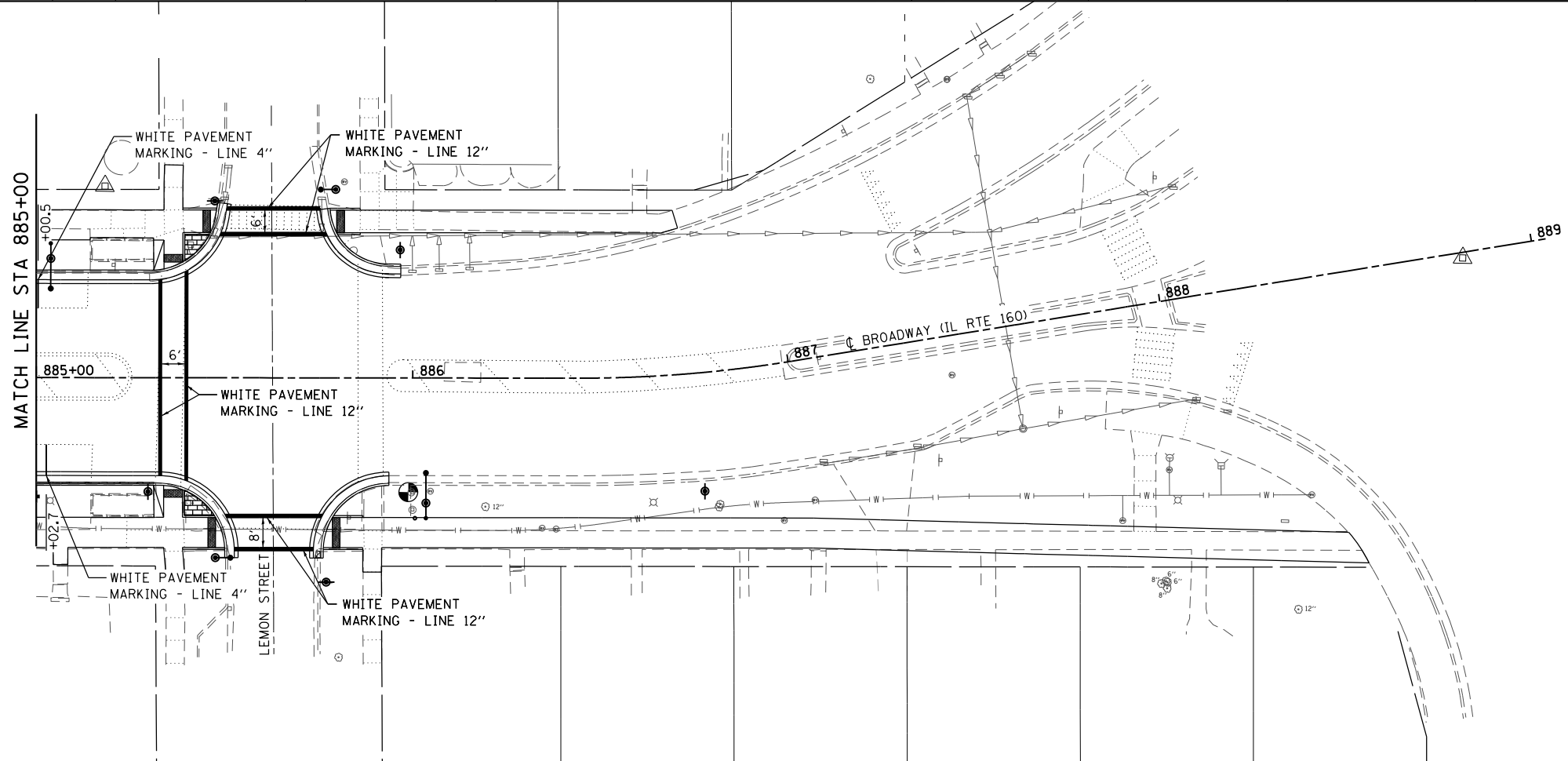
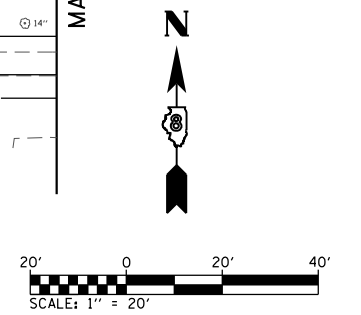
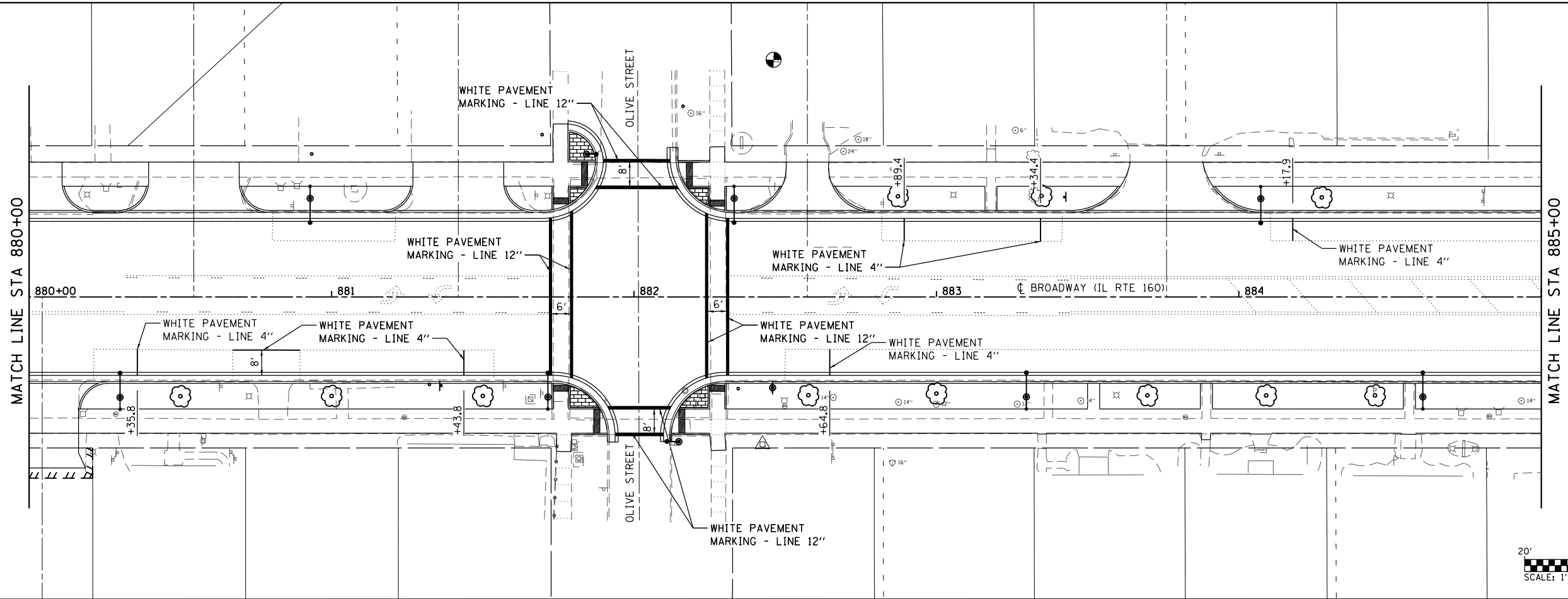
DESIGNED -
 DRAWN -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEETS
 SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 870+00.00 TO STA. 880+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	36
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				



MODEL: RAKS
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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



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

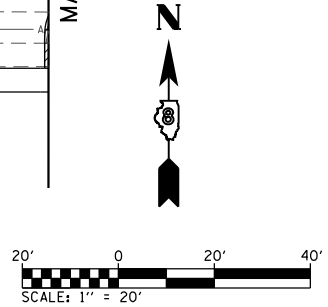
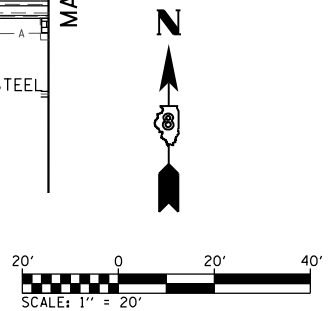
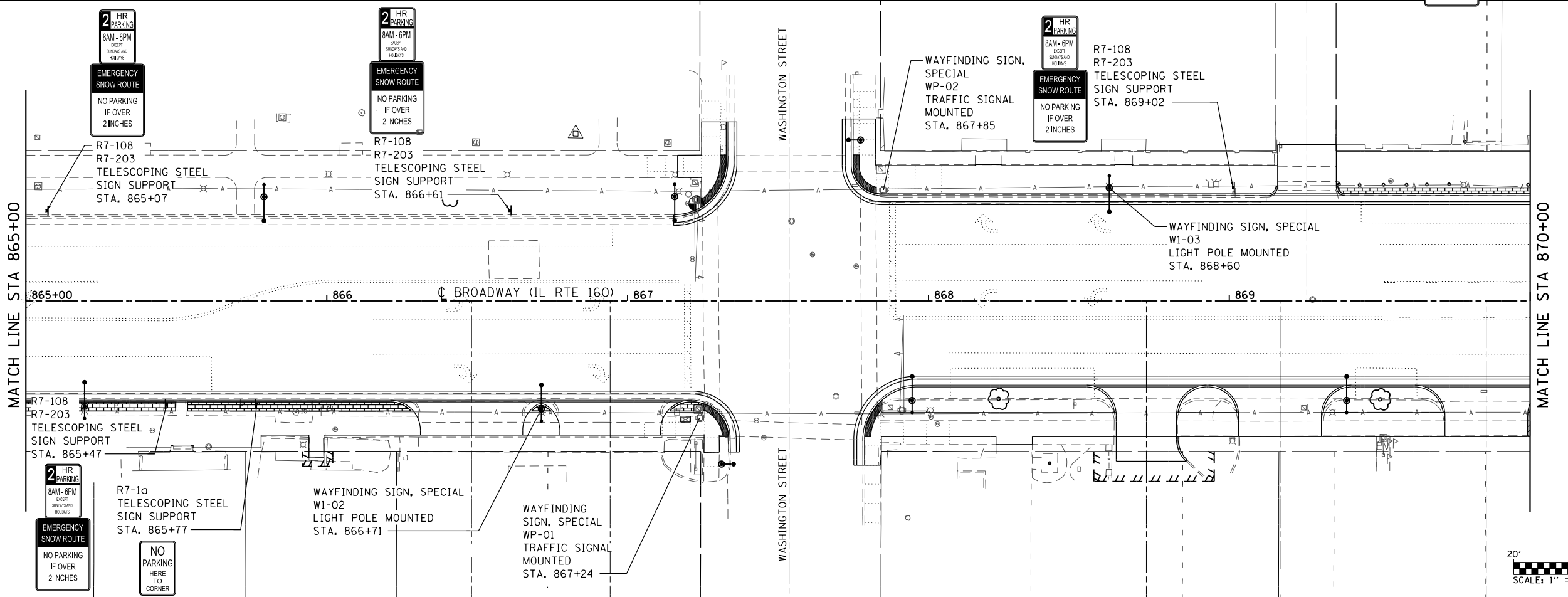
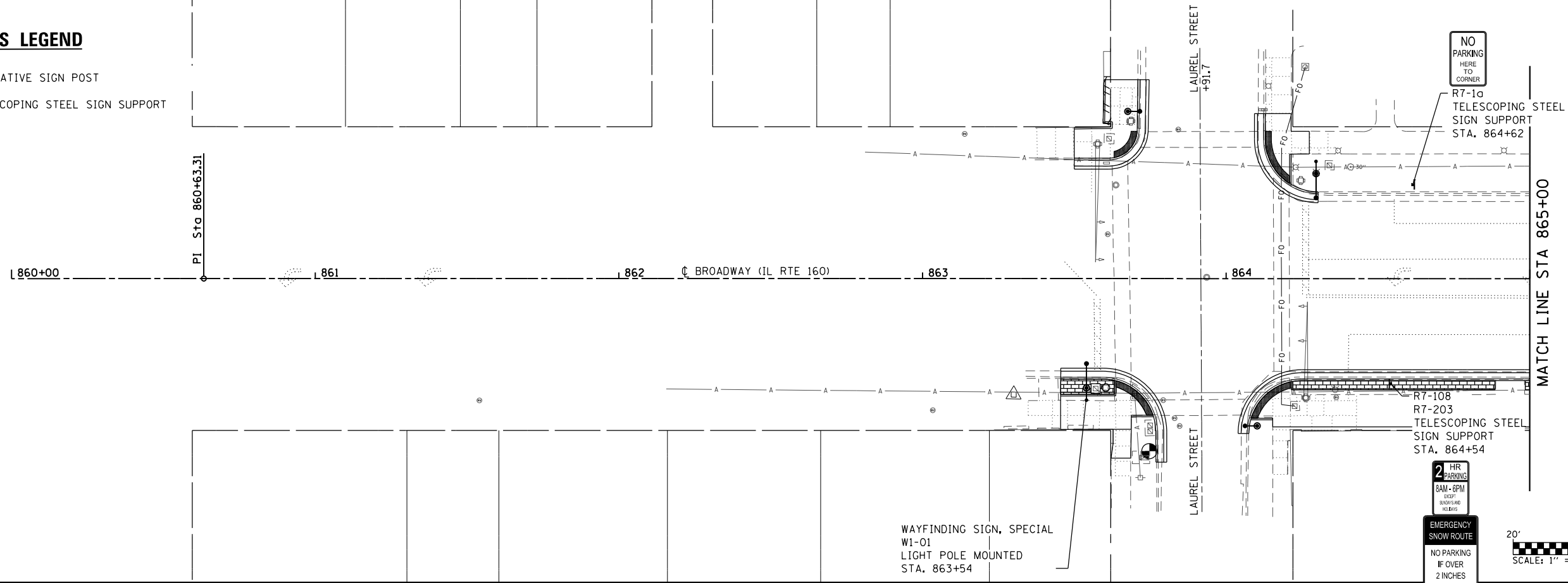
PAVEMENT MARKING SHEETS

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 880+00.00 TO STA. 889+04.03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	37
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				

SIGNAGE SHEETS LEGEND

- ⊕ DECORATIVE SIGN POST
- ⊥ TELESCOPING STEEL SIGN SUPPORT



MODEL: RAK1
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	DATE -	REVISED -

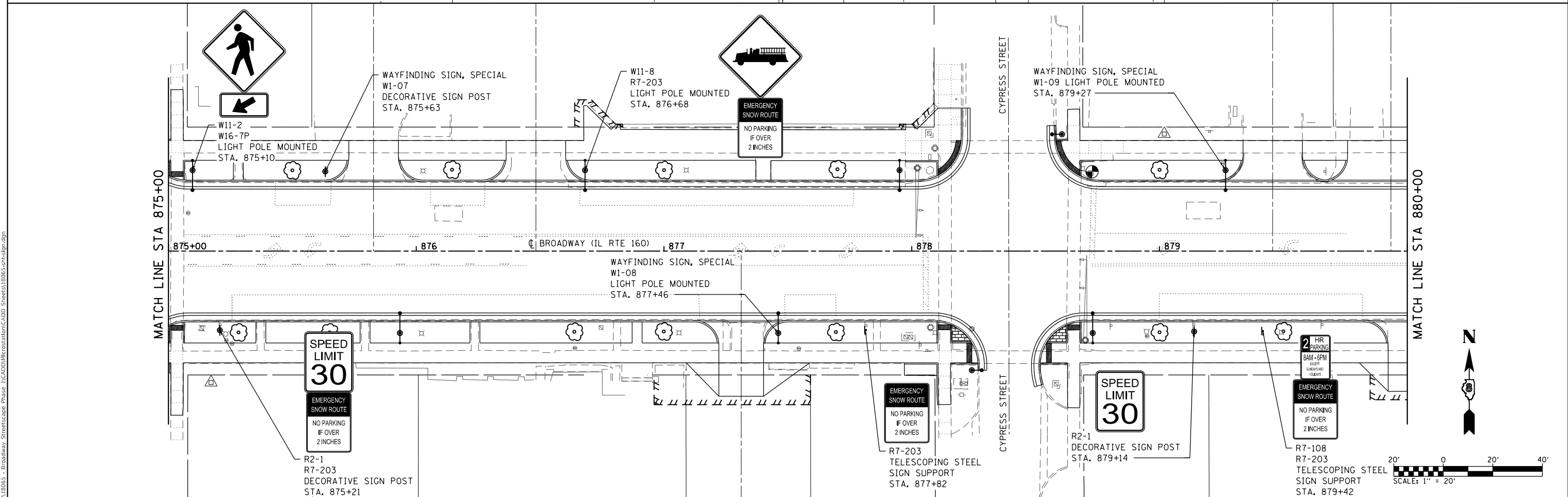
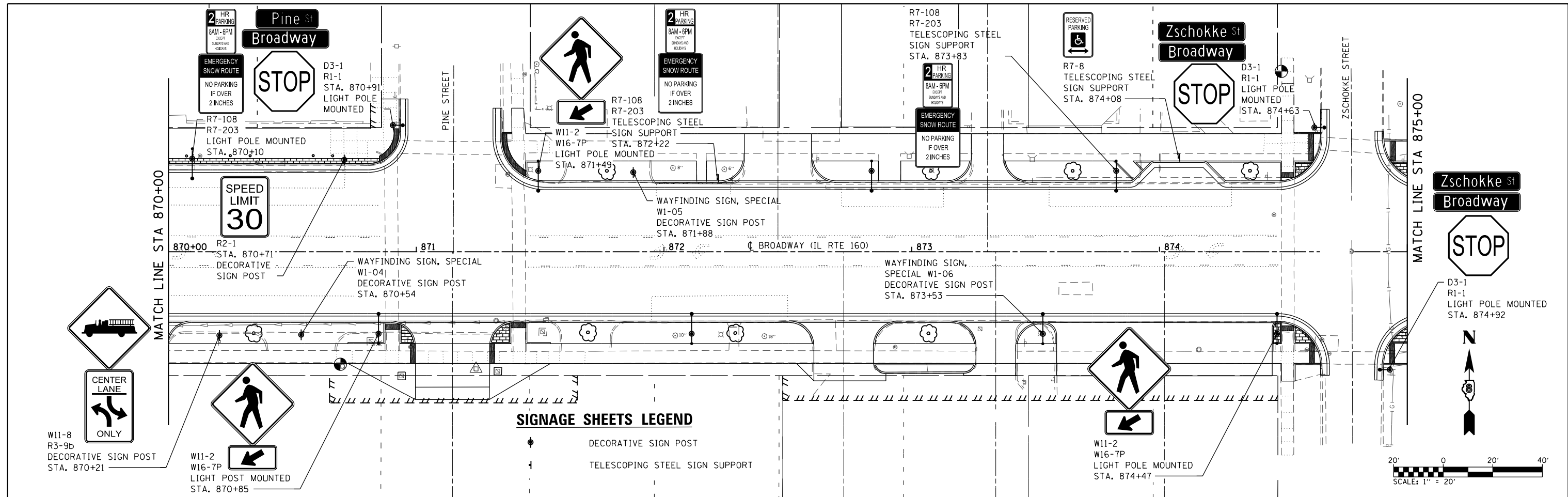
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNAGE SHEETS

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 860+00.00 TO STA. 870+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	38
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				

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OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

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DATE = 4/3/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=20'

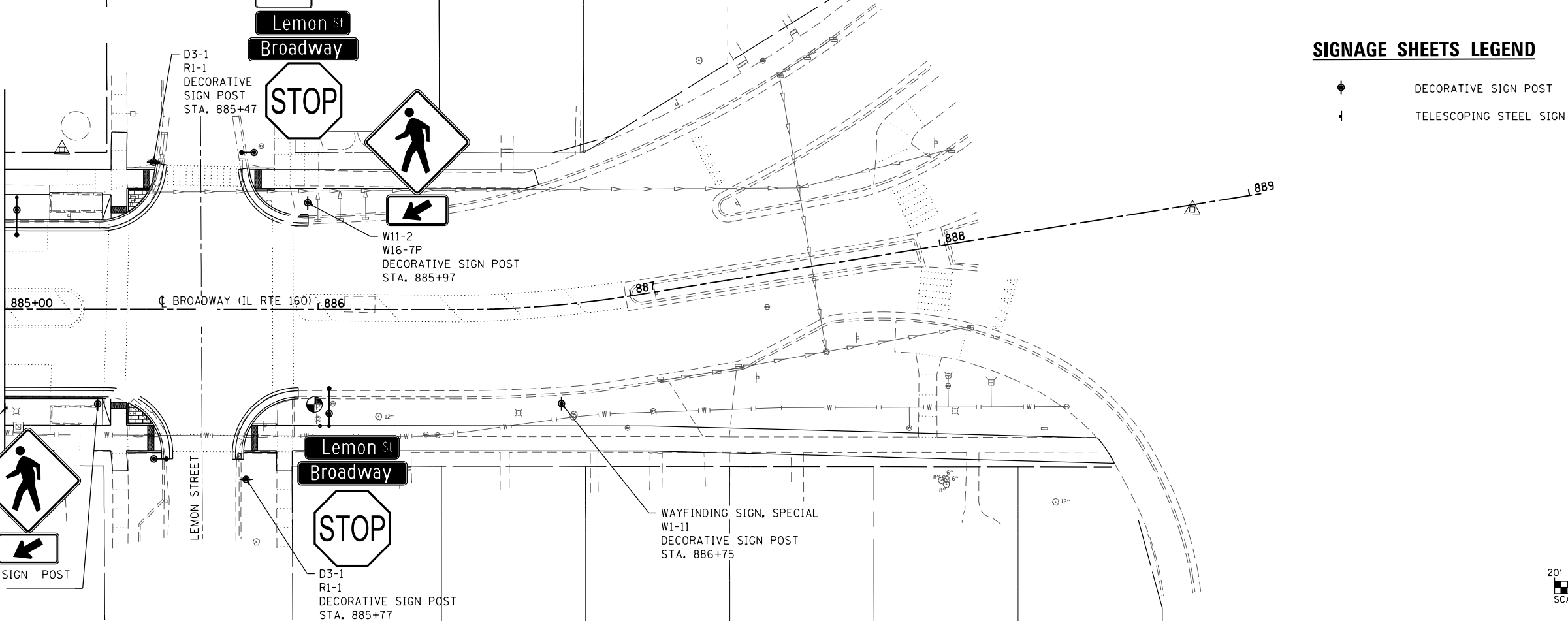
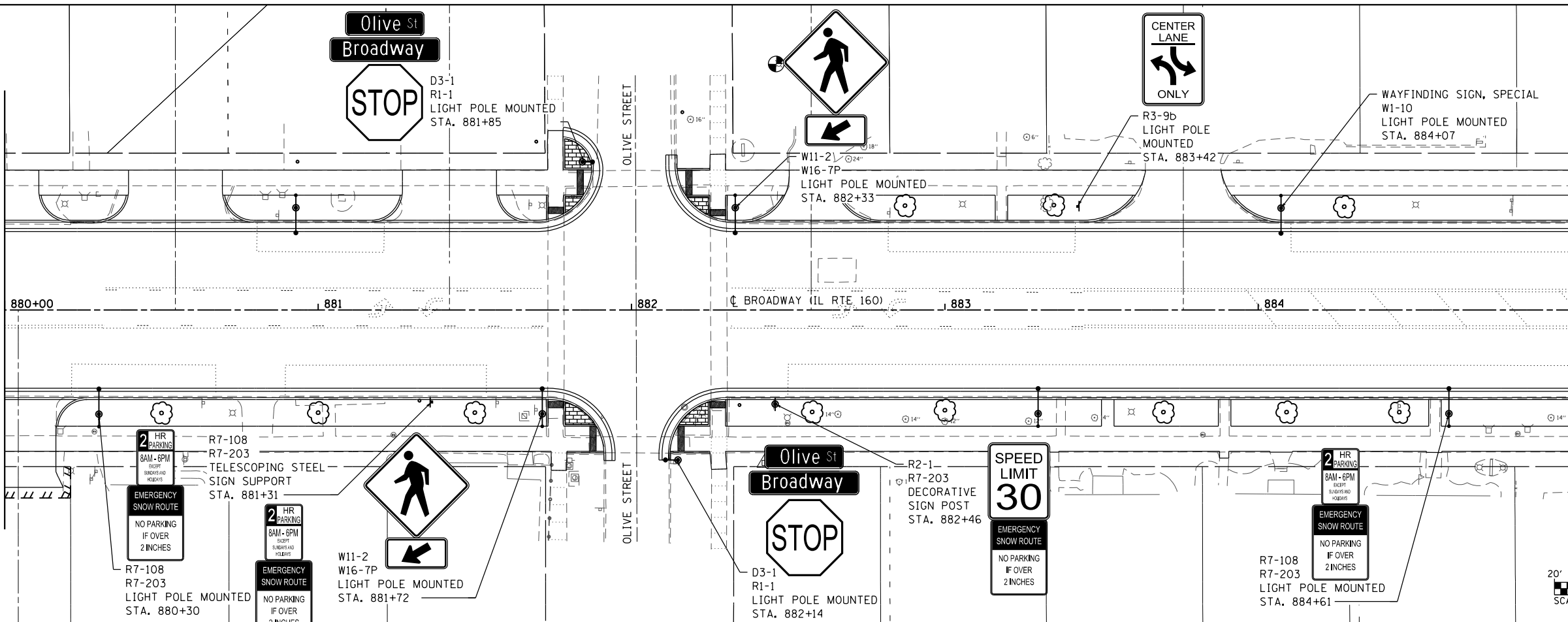
SHEET 2	OF 3 SHEETS	STA. 870+00.00	TO STA. 880+00.00
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F.A.P. RTE. 690	SECTION 18-00072-00-LS	COUNTY MADISON	TOTAL SHEETS 62	SHEET NO. 39
CITY OF HIGHLAND		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97735				

MATCH LINE STA 880+00

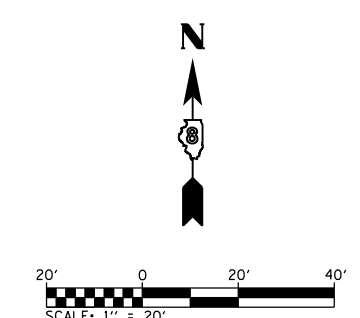
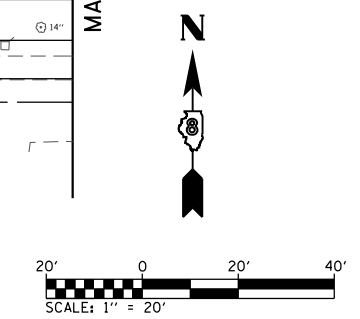
MATCH LINE STA 885+00

MATCH LINE STA 885+00



SIGNAGE SHEETS LEGEND

- ⊕ DECORATIVE SIGN POST
- ⊥ TELESCOPING STEEL SIGN SUPPORT



MODEL: PKMS
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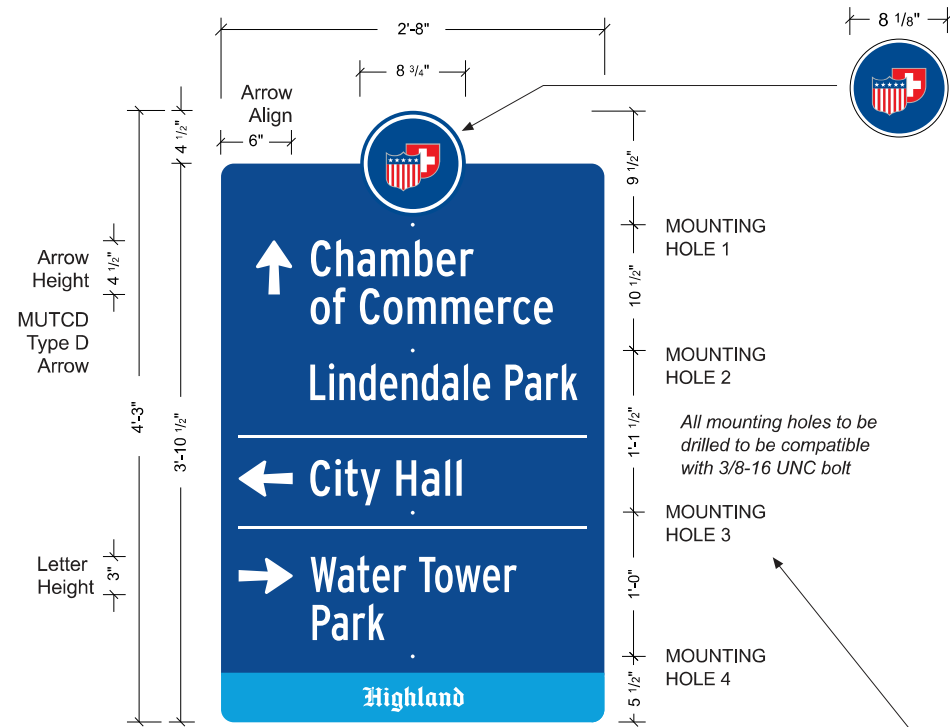
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNAGE SHEETS			
SCALE: 1"=20'	SHEET 3	OF 3 SHEETS	STA. 880+00.00 TO STA. 889+04.03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	40
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97735				

Sign Type W1 - Wayfinding Sign Specifications



A ELEVATION: W1 WAYFINDING SIGN
SCALE: 1 1/2"=1'-0"



CIRCULAR SHIELDS ICON
4-color process full color heavy-duty vinyl decal + clear UV laminate applied to top rounded panel area, front side only

SIGN PANEL
.090" Aluminum sign panel cut to shape
3 mounting holes - vertically down center of panel
Front side - painted MP02098 Blue Funk
Back side - painted MP33653 Black Stallion

ARROWS, TEXT & LINES
3M High Intensity Prismatic white reflective vinyl
Lines are 1/4" tall
front side only

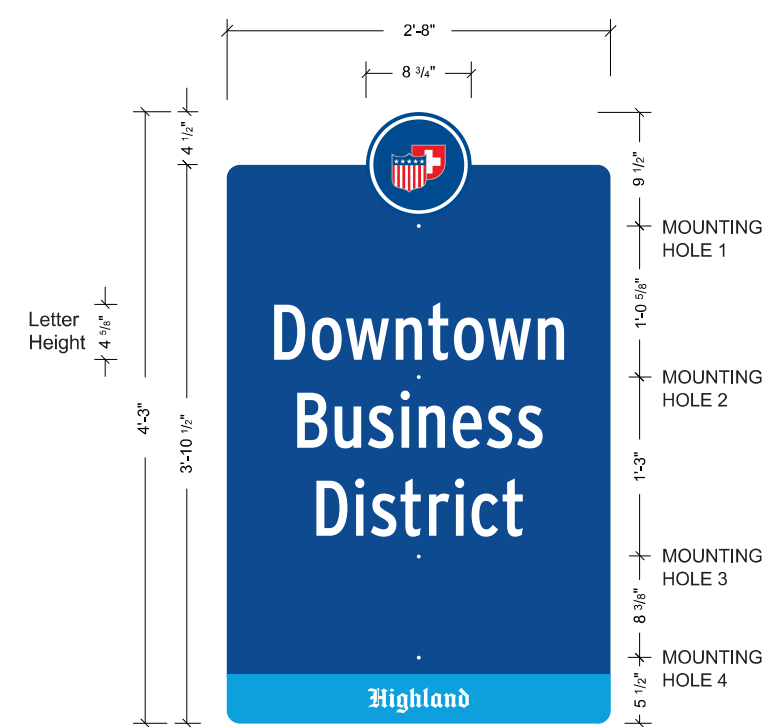
BOTTOM STRIPE AREA
painted MP09133 Process Cyan front side
white silkscreen "Highland" logo
front side only

MOUNTING
Panels mount to either of two different pole styles - See Mounting Details sheet on following page

Sign panel has four (4) mounting holes to be drilled
NOTE: See each panel layout detail as holes unique to each sign based on location of text

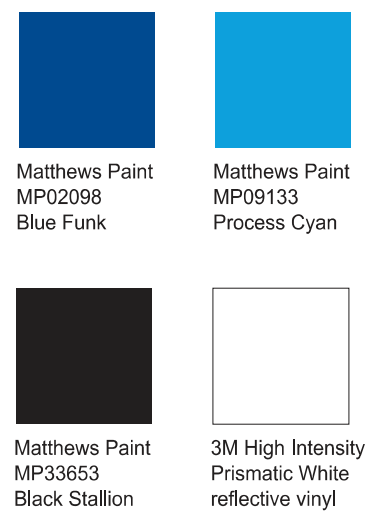
MOUNTING HOLE 1
MOUNTING HOLE 2
MOUNTING HOLE 3
MOUNTING HOLE 4

All mounting holes to be drilled to be compatible with 3/8-16 UNC bolt



B ELEVATION: W1 WAYFINDING SIGN
SCALE: 1 1/2"=1'-0"

(Style only for Signs W1-01 and W1-10)



C SIGN COLORS

NOTE: SEE SIGN LAYOUT SHEETS 43 & 44 FOR COMPLETED LAYOUTS FOR ALL W1 SIGNS

FINAL VECTOR ARTWORK FILES WILL BE PROVIDED TO FABRICATOR (NO FONTS OR TYPESETTING REQUIRED FOR TEXT, ARROWS, LINES & LOGO)

Note: Drawings shown represent design intent only. Signage contractor to submit detailed shop drawings for review and approval. Contractor responsible for engineering of all elements.

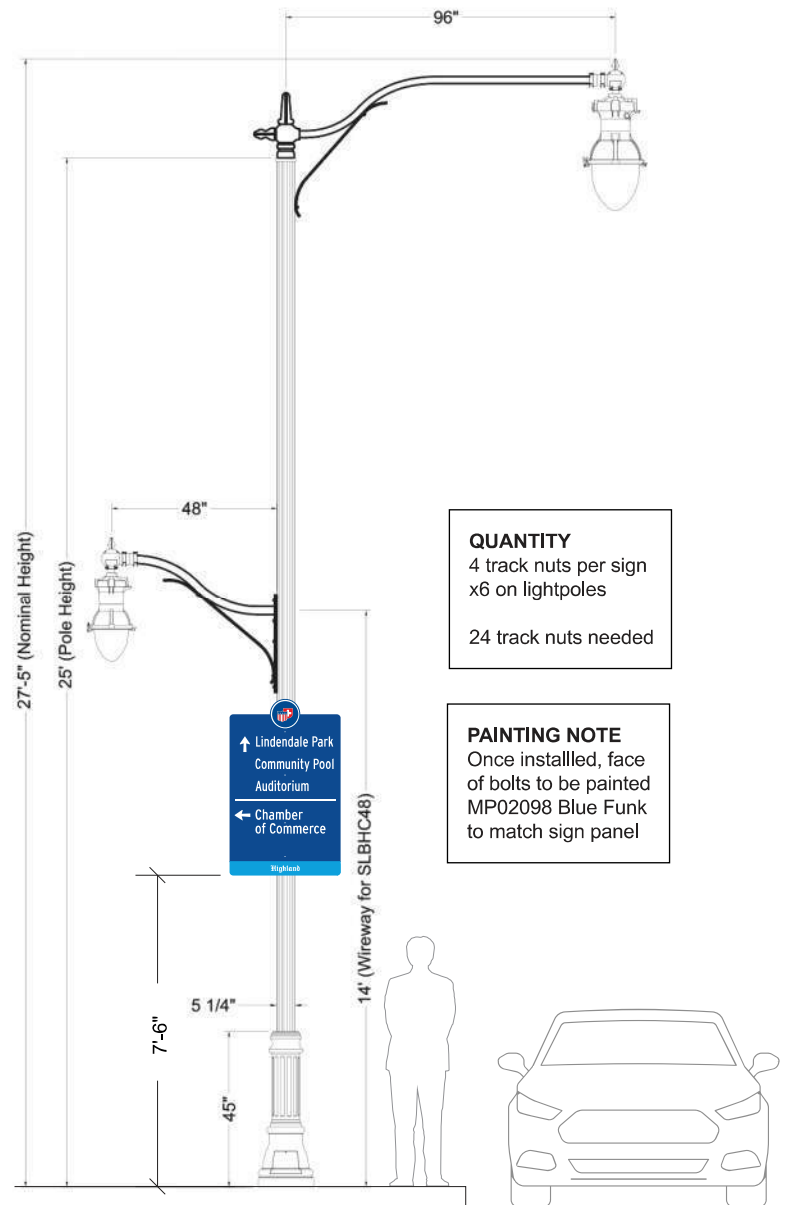
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CHECKED	-	REVISIONS	-	REVISIONS	-
PLOT SCALE	-	DRAWN	-	REVISIONS	-
PLOT DATE	7/19/2019	CHECKED	-	REVISIONS	-

Sign Type W1 - Mounting

ALL SIGN PANELS WILL BE MOUNTED TO EITHER ONE OF THESE TWO TYPES OF POLES:

- HOLOPHANE SITELINK CHARLESTON LIGHT POLE
- HOLOPHANE 4" FLUTED DECORATIVE SIGN POST

SEE SIGN LAYOUTS WITH INFO FOR MOUNTING SPECIFICS FOR EACH SIGN



A ELEVATION: LIGHT POLE MOUNTING - HOLOPHANE SITELINK CHARLESTON
SCALE: NTS

QUANTITY
4 track nuts per sign
x6 on lightpoles

24 track nuts needed

PAINTING NOTE
Once installed, face of bolts to be painted MP02098 Blue Funk to match sign panel

HOLOPHANE® LARGE TRACK NUT INSTALLATION T1, 2, 3 AND SL6, 8 Instruction Sheet

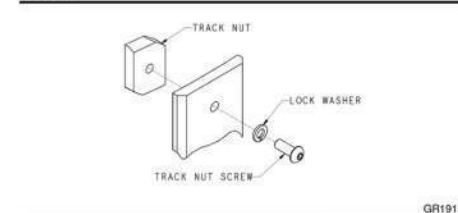
AFTER INSTALLATION DELIVER THIS MANUAL TO OWNER

IMPORTANT SAFETY INSTRUCTIONS
WARNING - READ THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL OR MAINTAIN THIS FIXTURE. WORK MUST BE DONE BY QUALIFIED PERSONNEL.
WARNING - BE CERTAIN THAT ALL ELECTRICAL POWER IS DISCONNECTED FROM THE FIXTURE BEFORE INSTALLING OR MAINTAINING THE FIXTURE.
FAILURE TO FOLLOW THESE WARNINGS MAY RESULT IN DEATH, INJURY OR SIGNIFICANT PROPERTY DAMAGE.

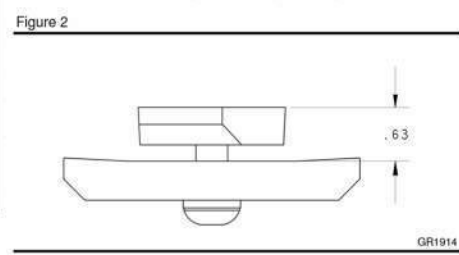
1 INTRODUCTION
1.1 Product Description.
General track nut installation on T-series and SL6 and SL8 shaft types.
1.2 Alternate Information Sources.
Holophane
Field Service Department
P.O. Box 3004
Newark, OH 43058-3004
(866) 759-1577

2 INSTALLATION
2.1 Tools and Materials Required.
TABLE 1. Installation Tools and Materials
DESCRIPTION USE
7/32" Hex security driver Track nut screws
Torque wrench Track nut screws

2.2 Track Nut Installation
2.2.1 Each track nut kit contains track nuts, lock washers, and track nut screws. Assemble track nuts to appropriate mounting plate as shown in figure 1. The wide end of the track nut should be oriented toward the back of the track.
2.2.2 There should be a approximately .63" distance between the back of the mounting plate and the back of the track nut in the un-tightened condition. This is to insure that the nut is far enough into the back of the track that it will rotate properly when the track nut screw is tightened. It is okay for the track nut to hit the back of the track during this step. Not allowing for the proper distance may cause the nut to bind up and not tighten properly. See Figure 2.
2.2.3 Position the nuts vertically directly in line with the track and push mounting plate back against the pole. Begin to tighten the track nut screws. You should see the track nuts begin to turn in the track. If they don't you may have to adjust the distance between the mounting surface and back of the nut.
2.2.4 Let the track nuts turn 90° and make sure you position the accessory at the right height before you fully tighten. Torque track nut screws to 20 FT LBS.



B MOUNTING DETAIL

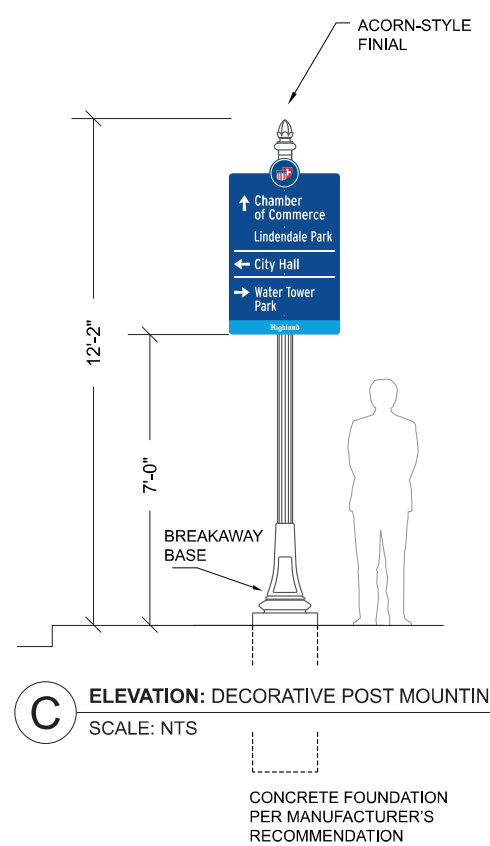


2.2.4 Let the track nuts turn 90° and make sure you position the accessory at the right height before you fully tighten. Torque track nut screws to 20 FT LBS.



IN-227

- DECORATIVE SIGN POST NOTES:**
1. ALL APPLICABLE PARTS SHALL RECEIVE A STANDARD ELECTROSTATICALLY APPLIED THERMOSET POLYESTER POWDER COAT SMOOTH SEMI-GLOSS BLACK FINISH
 2. ALL FASTENERS SHALL BE STAINLESS STEEL
 3. SIGN MANUFACTURER AND TYPE:
HOLOPHANE INDUSTRIES
4" FLUTED SIGN POST
 4. BASE AND POST SHOULD MATCH LIGHT FIXTURE STYLE TO THE SATISFACTION OF THE ENGINEER



C ELEVATION: DECORATIVE POST MOUNTING
SCALE: NTS

MOUNTING HARDWARE
Per manufacturer's Recommendation

PAINTING NOTE
Once installed, face of bolts to be painted MP02098 Blue Funk to match sign panel

Sign Type W1 - Wayfinding Sign Layouts 1 of 2

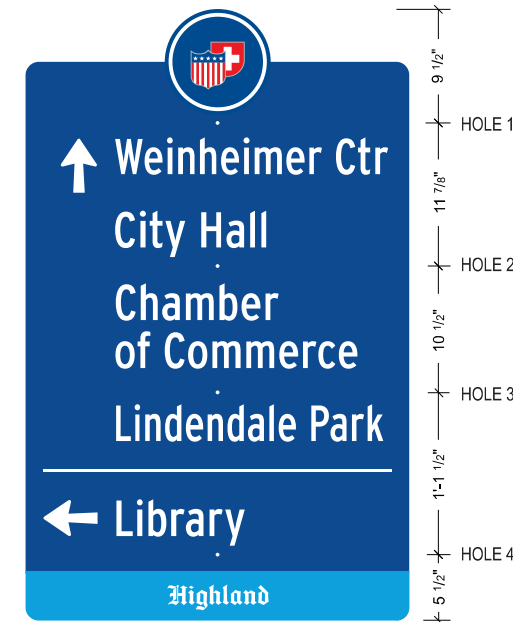
NOTE: THIS PAGE SHOWS COMPLETED LAYOUTS FOR ALL W1 SIGNS

FINAL VECTOR ARTWORK FILES WILL BE PROVIDED TO FABRICATOR (NO FONTS OR TYPESETTING REQUIRED FOR TEXT, ARROWS & LOGO)

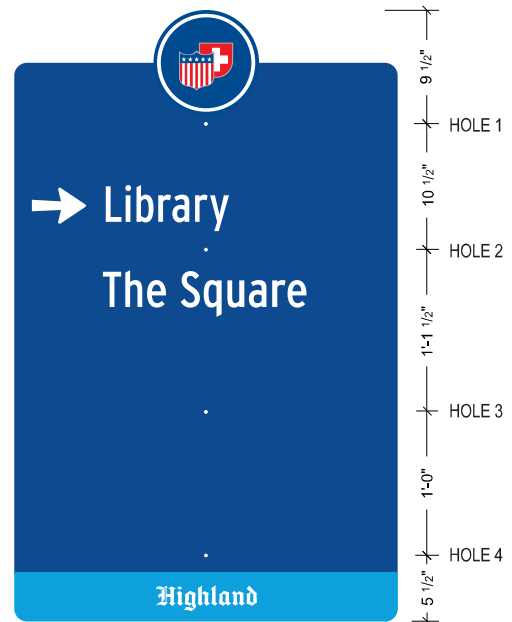
- SEE SIGN SPECS FOR FABRICATION & MOUNTING REQUIREMENTS AND WAYFINDING SIGNAGE GENERAL NOTES & PERFORMANCE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR SIGN PLACEMENT
- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION



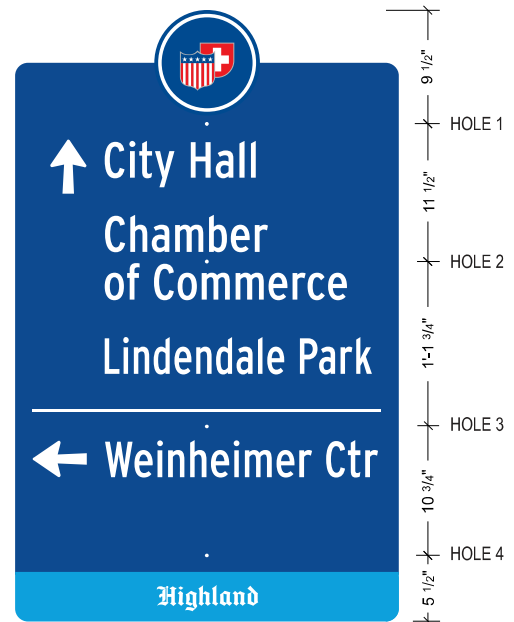
SIGN W1-01
LIGHT POLE MOUNT



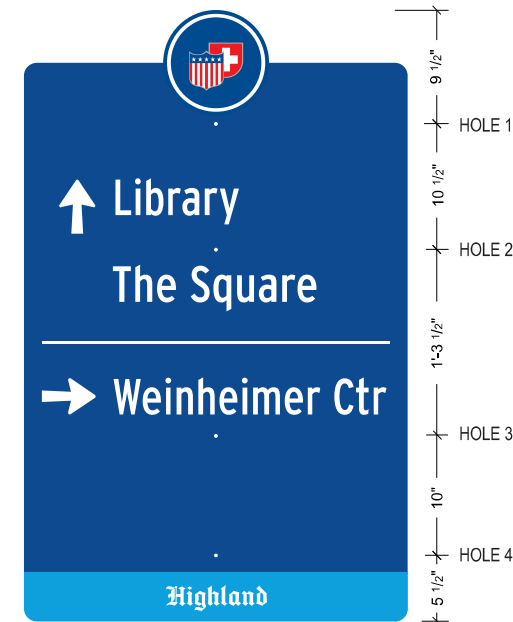
SIGN W1-02
LIGHT POLE MOUNT



SIGN W1-03
LIGHT POLE MOUNT



SIGN W1-04
DECORATIVE SIGN POST MOUNT



SIGN W1-05
DECORATIVE SIGN POST MOUNT

Note: Drawings shown represent design intent only. Signage contractor to submit detailed shop drawings for review and approval. Contractor responsible for engineering of all elements.

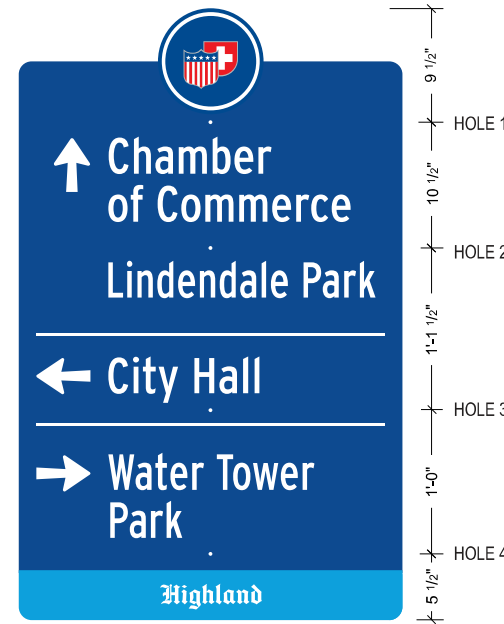
ARCTURIS 720 OLIVE ST, SUITE 200 ST. LOUIS, MO 63101 ARCTURIS.COM 314.206.7100	USER NAME ■ A. PALOMBO	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WAYFINDING SIGNAGE PLANS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE ■	CHECKED -	REVISED -				690	18-00072-00-LS	MADISON	62	43
	PLOT DATE ■ 7/19/2019	DRAWN -	REVISED -				CONTRACT NO. 97735				
		CHECKED -	REVISED -				HIGHLAND	ILLINOIS	FED. AID PROJECT		

Sign Type W1 - Wayfinding Sign Layouts 2 of 2

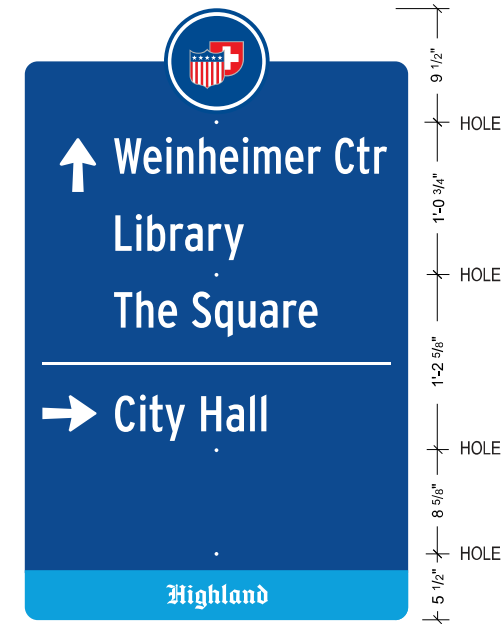
NOTE: THIS PAGE SHOWS COMPLETED LAYOUTS FOR ALL W1 SIGNS

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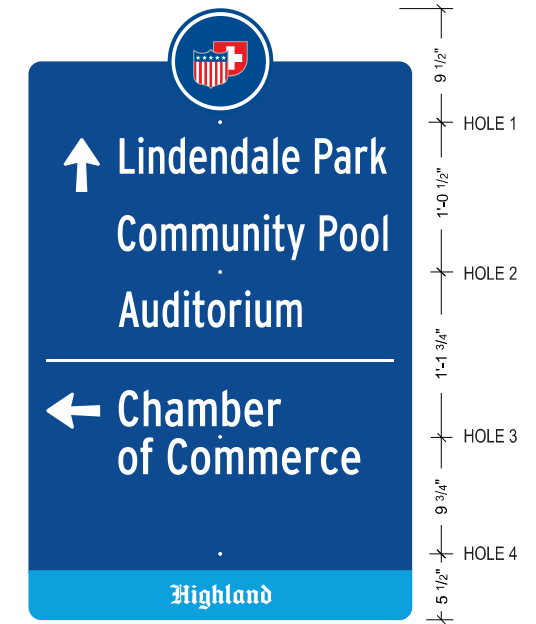
- SEE SIGN SPECS FOR FABRICATION & MOUNTING REQUIREMENTS AND WAYFINDING SIGNAGE GENERAL NOTES & PERFORMANCE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR SIGN PLACEMENT
- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION



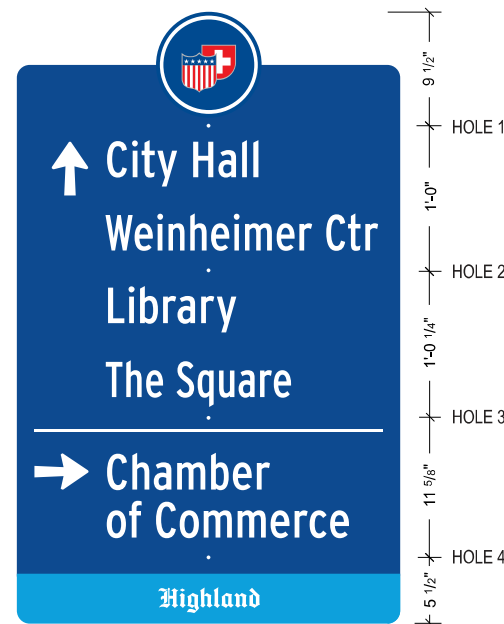
SIGN W1-06
DECORATIVE SIGN POST MOUNT



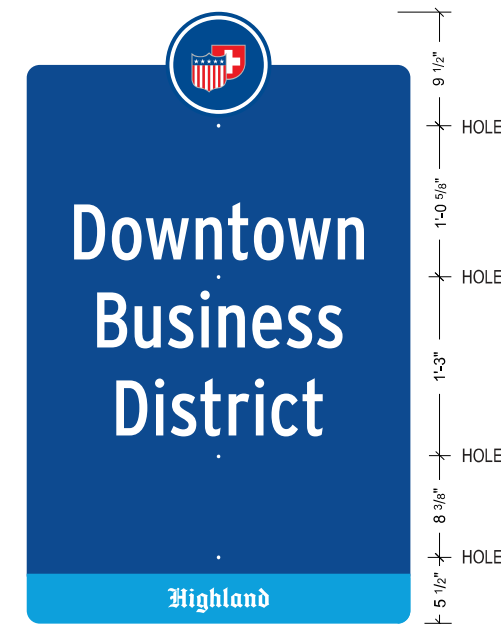
SIGN W1-07
DECORATIVE SIGN POST MOUNT



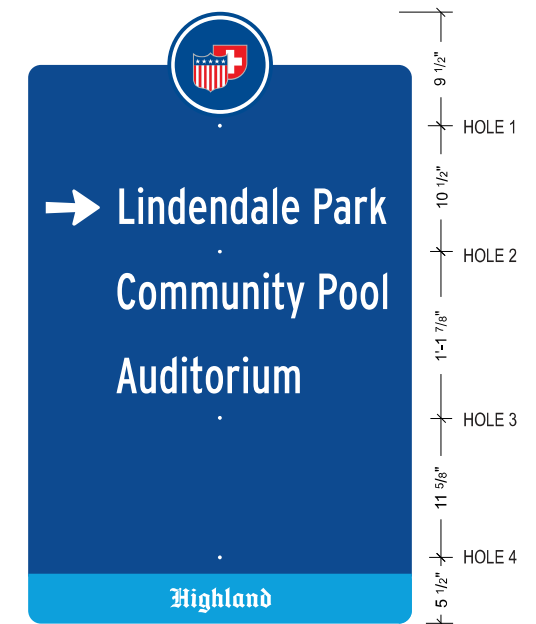
SIGN W1-08
LIGHT POLE MOUNT



SIGN W1-09
LIGHT POLE MOUNT



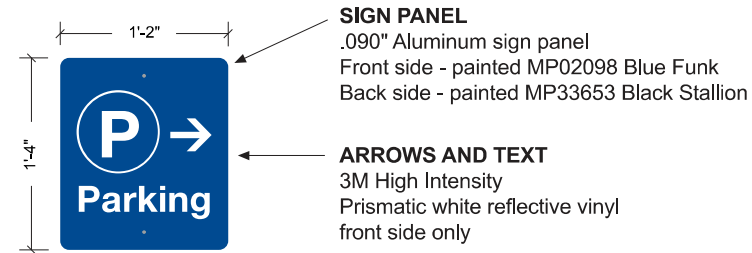
SIGN W1-10
LIGHT POLE MOUNT



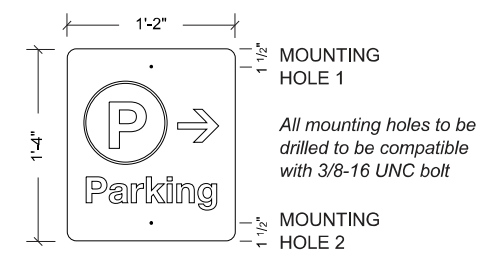
SIGN W1-11
DECORATIVE SIGN POST MOUNT

Note: Drawings shown represent design intent only. Signage contractor to submit detailed shop drawings for review and approval. Contractor responsible for engineering of all elements.

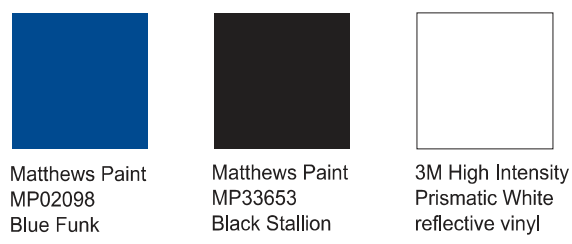
Sign Type WP - Parking Sign Specifications



A ELEVATION: WP PARKING SIGN
SCALE: 1 1/2"=1'-0"



B ELEVATION: WP SIGN DIMENSIONS
SCALE: 1 1/2"=1'-0"



C SIGN COLORS

Note: Drawings shown represent design intent only. Signage contractor to submit detailed shop drawings for review and approval. Contractor responsible for engineering of all elements.

Sign Type WP - Parking Sign Layouts

NOTE: THIS PAGE SHOWS COMPLETED LAYOUTS FOR ALL WP SIGNS

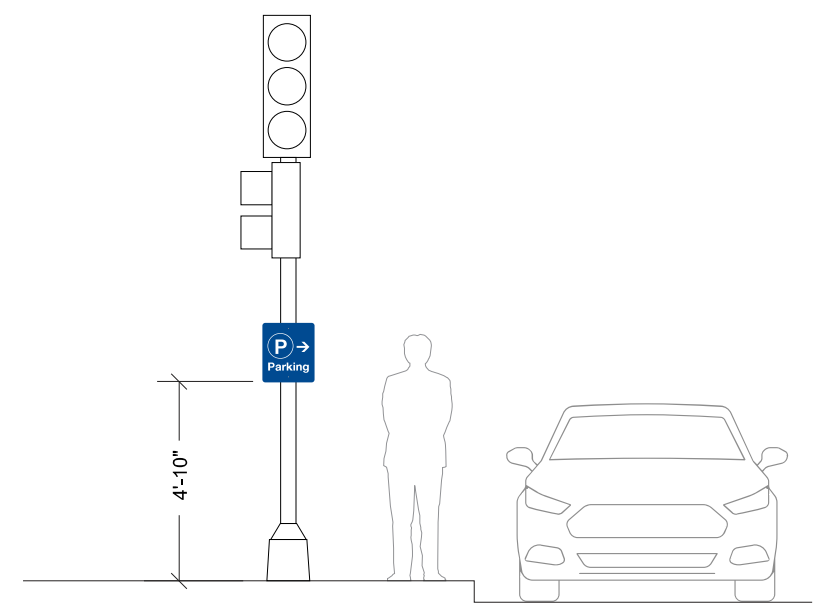
FINAL VECTOR ARTWORK FILES WILL BE PROVIDED TO FABRICATOR (NO FONTS OR TYPESETTING REQUIRED FOR TEXT, ARROWS & CIRCLE)

- SEE SIGN SPECS FOR FABRICATION & MOUNTING REQUIREMENTS AND WAYFINDING SIGNAGE GENERAL NOTES & PERFORMANCE SPECIFICATIONS FOR ADDITIONAL INFORMATION
- SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR SIGN PLACEMENT
- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION



Sign Type WP - Mounting

SIGN PANEL MOUNTS TO EXISTING TRAFFIC SIGNAL POLE AT TWO POINTS WITH STAINLESS STEEL BAND AND BRACKET PER HIGHWAY STANDARD 720001



D ELEVATION: TRAFFIC SIGNAL POLE MOUNTING
SCALE: NTS

PAINTING NOTE
Once installed, face of bolts to be painted MP02098 Blue Funk to match sign panel

Wayfinding Signage - General Notes & Performance Specifications

GENERAL NOTES

The General Notes & Performance Specifications/Requirements are an integral part of this Design Intent Package. The Sign Contractor, Sub-Contractor and the General Contractor are responsible for all aspects of fabrication identified in this document.

The acceptance of these drawings by sign vendors, bidders, fabricators, or contractors and their agents constitutes agreement to the following conditions:

DESIGN INTENT DRAWINGS

- Design intent drawings are for the sole purpose of design intent only. Drawings are not intended for construction purposes.
- Resulting shop drawings and contract documents including permit documents are the sole responsibility of the Sign Contractor in every respect.

FABRICATION AND INSTALLATION

- Sign Contractor is responsible for the fabrication and installation of the sign package. The Sign Contractor is responsible for the design and engineering of all structural, attachment, anchoring, mounting hardware and foundation features.
- Signs requiring structure/foundation/anchoring are to be stamped and sealed by a licensed, practicing engineer.
- Sign Contractor is responsible for field verifying all conditions and coordinating with the construction project manager prior to and during shop drawing submittal, fabrication, and installation.
- All hardware and fasteners to be concealed unless otherwise noted. Finish all exposed hardware and fasteners to match surrounding sign surfaces (colors) unless otherwise noted.
- Contractor Recommendations: The Sign Contractor shall carefully study the detail drawings and make recommendations for changes if those changes improve the quality of any fabrication. Such recommendations and changes including any changes in contract amount shall be approved in writing by the Owner prior to preparation of shop drawings or fabrication.
- Sign Contractor shall be responsible for coordination of all elements with General Contractor, other sub-Contractors and trades people relative to this work. The coordination efforts will include, but not limited to: deliveries, work schedules, and installation. Storage space at the job site is limited and will also require coordination and/or approval. Materials or finished work stored at the job site without prior permission may be relocated at Contractor's expense.
- Sign Contractor shall be responsible for determining the erection and dismantling of all barricade or protective coverings necessary to safeguard the public and property during the performance and duration of his or her work.
- Sign Contractor is responsible for compliance with all applicable environmental regulations.
- Sign Contractor is responsible for compliance with all OSHA regulations.
- Sign Contractor will be responsible for any damage caused to building, site, and adjacent objects or elements during installation. The Contractor shall be responsible for cleaning up all work areas upon the completion of their work, on a daily basis.

ARTWORK FILES

- Electronic artwork as required by the Sign Contractor for symbols or custom designed graphic elements (i.e.: logos, symbols, illustrations, arrows, or patterns) will be provided in Adobe Illustrator or EPS outlined format. The digital artwork will be submitted via e-mail, jump drive or other electronic file transfer system as appropriate. Adobe Photoshop raster image files will also be provided if applicable. All enlarging and reducing of artwork is the responsibility of the Sign Contractor.
- Owner cannot provide copies of licensed fonts. Sign Contractor responsible for obtaining/purchasing typefaces used in production of the sign package.

QUALITY ASSURANCE

- Quality of Workmanship
The Sign Contractor shall be responsible for the quality and delivery of all materials and workmanship required for the execution of the contract including the materials and workmanship of any firms or individuals who act as his or her Sub-Contractors. Contractors shall be responsible for providing Sub-Contractors with complete and up-to-date drawings, performance and material requirements, graphic schedules and other information issued by the Owner.
- Performance
The Sign Contractor shall base his or her proposal on the performance of all services, including all items of labor, material and equipment required to complete fabrication and installation of specified work within the time frame agreed by the Contractor and the Owner.
- Dimensions
Written dimensions on the drawings shall take precedence over scaled dimensions. Sign Contractor shall verify and be responsible for all dimensions and conditions shown by these drawings.
- Sign Message Schedule
Unless noted, copy, quantities and reference shown on the Message Schedule shall take precedence over drawings. For this Highland Wayfinding Signage project, final vector artwork files will be provided to the contractor by Arcturis.
- Execution
Sign Contractor shall notify the Owner of any discrepancies in the drawings or Message Schedule, in field dimensions or conditions, and/or changes required in construction details. Issues such as messages being too long to fit into the required formats, difficulty accurately reproducing logo or graphics, etc., must be brought to the attention of the Owner prior to execution. It is required that the Contractor not resolve any discrepancies on their own without first consulting the Owner.
- New Material/Stock
All materials, hardware, electrical components, finishes, etc. used to fabricate any and all components shall be "NEW" (not previous used or operated in any other application) and from the most recent original manufacturer's run/supply and appropriately matched to the conditions required of the site.
- Fastening
Fasteners on all visible surfaces shall be concealed, except where noted. Work shall be secured with fasteners of the same metal, color and finish as the component they secure where they are exposed to view. Surfaces shall not be penetrated during fabrication or installation, except where noted. Surfaces shall not be deformed, distorted, or discolored by attachment of concealed fasteners. All fasteners shall be resistant to oxidation or other corrosive action completely through their cross sections. Fasteners shall be utilized in strict accordance with their manufacturer's specifications, directions, and recommendations.

8. ADA

All applicable signs must comply with ADA Guidelines and/or code requirements for finishes, raised lettering and braille, and mounting heights.

9. Labeling

There shall be no visible labels, manufacturer's or otherwise, code permitting, on the visible exterior of completed signs or other objects.

MAINTENANCE

The Contractor shall provide to Owner one (1) printed and one (1) electronic PDF of complete finish/component care instructions as specified by the manufacturer for on-going cosmetic cleaning and maintenance. These are to be submitted in an 8-1/2" x 11" format. Contractor to ensure signage is easily accessible for maintenance.

PROPRIETARY INFORMATION NON-DISCLOSURE AGREEMENT

All ideas, designs, arrangements and plans indicated or presented by these drawings are owned by and are the property of the Owner, and were created, evolved and developed for use on and in connection with the specific project. None of the ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of the Owner. The Owner may have additional requirements or restrictions for which the Sign Contractor is also responsible.

BID NOTES

- Pricing shall be submitted in accordance with the bid documents.
- A complete production timeline must be included.

ARCTURIS 720 OLIVE ST, SUITE 200 ST. LOUIS, MO 63101 ARCTURIS.COM 314.206.7100	USER NAME ■ A. PALOMBO	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WAYFINDING SIGNAGE PLANS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE ■	CHECKED -	REVISED -						690	18-00072-00-LS	MADISON	62	45A
	PLOT DATE ■ 7/19/2019	DRAWN -	REVISED -		SCALE: SHEET 6 OF 6 SHEETS				CONTRACT NO. 97735				
		CHECKED -	REVISED -		HIGHLAND				ILLINOIS FED. AID PROJECT				

LEGEND:

- ▲ Pole mounted transformer
- Str# ● New utility pole
- Existing street light pole to remain
- ⊗ DP Remove existing distribution pole and all attachments, unless noted otherwise. (total of 3 wooden poles)
- ⊗ Remove existing street light pole and all attachments, unless noted otherwise. (total of 32 wooden poles)
- SL2 ○ New LED Dual Street/sidewalk light Pole (240V) w/Receptacle (120V)
- SL1 ○ New LED Single Street light Pole (240V) w/Receptacle (120V)
- ⊗ Lighting Controller - per IDOT Specs - see Keyed Note 2.
- ⊗ Disconnect Switch - per IDOT Specs - see Keyed Note 3.
- ⊗ HH Handhole (light vehicular traffic)
- ⊗ Vegetation
- Underground Conduit (Unit Duct)
- 3" Galvanized steel conduit - Bore Guard
Provide where existing concrete is remaining

GENERAL NOTES:

1. Provide 3" Galvanized Steel Bore Guard under all roadways as shown.
2. Remove all overhead lighting conductors in Project Scope unless noted otherwise.
3. Receptacle nomenclature includes the neutral.

IDOT Specification References:

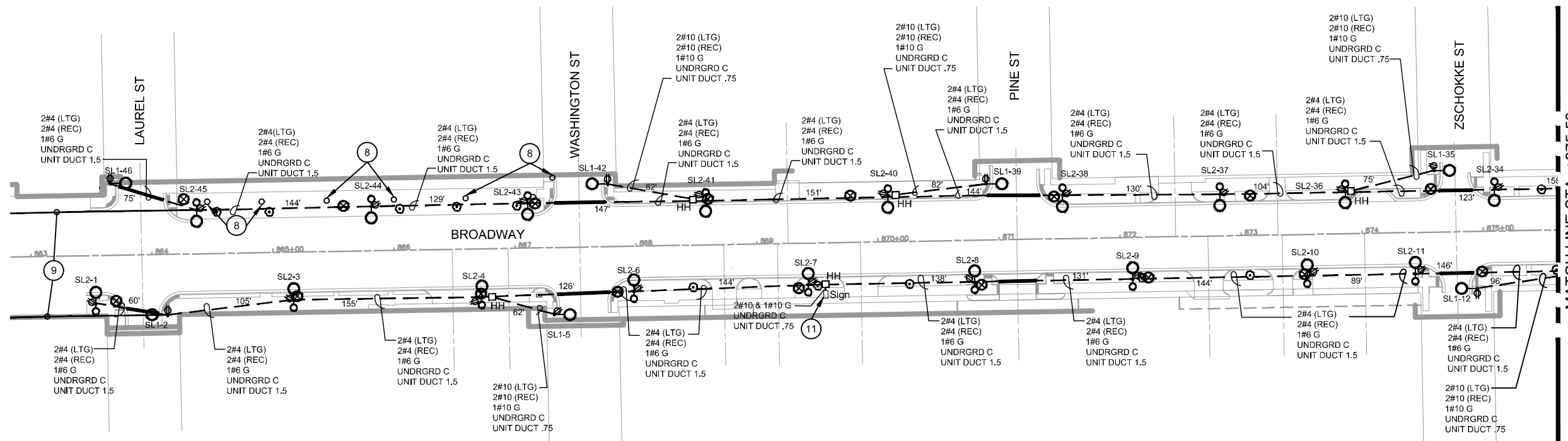
Electrical Requirements Division 800 Electrical:
 Section 804 - Electrical Service Installation - Lighting
 Section 810 - Underground Raceway
 Section 816 - Unit Duct
 Section 825 - Lighting Controller
 Section 842 - Removal of Lighting Units
 Section 845 - Removal of Lighting Controller
 Section 1068 - Controllor
 Section 1069.04 - Wood Poles (Overhead Utility Use Only)
 Section 1086 - Electric Service Installation - Lighting
 Section 1087 - Grounding (at each Light Pole)

Electrical Details References - Similar to:
 Standard 825021-04 - Electrical Service Installation Detail, Lighting Controller 240V, Control Schematic
 Standard 821101-02 - Luminaire Wiring in Pole
 The pole mounted receptacle circuit use an additional 2 pole fuseholder with solid neutral.

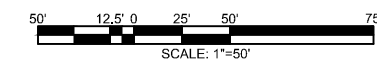
Highway Standards
 814001-03 Handholes
 821101-02 Luminaire Wiring in Pole
 825021-04 Lighting Controller Base Mounted, 240V

KEYED NOTES:

- 1 Install 120/240V, 1 Phase pole mounted 15kVA Transformer.
- 2 Install Lighting Controller similar to (IDOT Standard 825021-04) w/ Photocell. (1-2P, 30ACB Ltg & 2-1P, 30ACB -Rec)
- 3 Install electrical service disconnect 240V, 100A, 1Ø, 3W fused ground lugs, NEMA 4 pad lockable enclosure attached to pole.
- 4 Install new underground wire to existing sign as shown. Refer to pay item X304181 - Disconnect Sign Lighting and remove wiring to nearest splice, for removal of existing underground wire.
- 5 Frontier Cable Box. Frontier to run cable underground and remove existing overhead cable. Coordinate with City.
- 6 Trenching is acceptable, if it does not interfere with existing utilities. If the contractor chooses to trench, full restoration is required of all surfaces.
- 7 Existing Restaurant sign and associated secondary to be removed by City.
- 8 Existing Park sidewalk light poles to remain.
- 9 Contractor to remove existing overhead lighting conductor. City shall reconnect existing overhead lighting circuit as required.
- 10 Transfer flood light from existing light pole being removed to new light pole SL2-33
- 11 Install new underground wire to existing sign disconnect switch as shown. Refer to pay item X304181 - Disconnect Sign Lighting and remove wiring to nearest splice, for removal of existing underground wire.



NOTE:
 CONTRACTOR SHALL FIELD VERIFY/POT HOLE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR POLE FOUNDATIONS.



MODEL: \$MODELNAME\$ FILE: \$NAME\$. \$FILE\$



USER NAME = \$USER\$	DESIGNED -- PJH	REVISED --
PLOT SCALE = \$SCALE\$	DRAWN -- DLJ	REVISED --
PLOT DATE = \$DATE\$	CHECKED -- LCP	REVISED --
	DATE -- 07/31/19	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STREETScape LIGHTING PLAN

SCALE: 1:50 SHEET 1 OF 2 SHEETS STA. 863+00 TO STA. 875+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	46
CONTRACT NO. 97735				
HIGHLAND		ILLINOIS FED. AID PROJECT		

Utility Pole Structures

Str. #1

Existing: 40' pole with 3φ tangent (N/S), xfmr, COs, LAs, secondary triplex (S) duplex (S), service riser, lighting controller, meter & fiber.

Install:

45'-3
C7C (10' Fiberglass arm)
3-M5-24
1-M5-25
4-M42-13
Electric Service Installation per IDOT Standard 825021-04
Lighting Controller Installation per IDOT Standard 825021-04

Transfer: Existing primary conductor, xfmr, COs & LAs.

Remove: Existing pole, pole top unit, secondary, duplex, meter, service riser, lighting controller & all attachments.

Str. #2

Existing: 40' pole with 3φ tangent (N/S), open wire secondary (W), duplex (N/W) & lighting controller.

Remove: Existing pole, pole top unit, open wire secondary (W), duplex (N/W), lighting controller & all attachments.

Str. #3

Existing: 40' pole with 3φ tangent (N/S), xfmr, open wire secondary (E/W), secondary triplex (W), service riser, lighting controller & meter.

Transfer: Primary conductor (N/S) and open wire secondary (E) to new Str. #4.

Remove: Existing pole, pole top unit, xfmr, meter, service riser, lighting controller, open wire secondary (W) & duplex.

Str. #4

Install: 45'-3

C7C (10' Fiberglass arm)
3-M5-24
1-M5-25
4-M42-13
G39-15KVA XFMR
Electric Service Installation per IDOT Standard 825021-04
Lighting Controller Installation per IDOT Standard 825021-04

LEGEND:

- ▲ Pole mounted transformer
- Str# New utility pole
- Existing street light pole to remain
- ⊗ DP Remove existing distribution pole and all attachments, unless noted otherwise. (total of 3 wooden poles)
- ⊗ Remove existing street light pole and all attachments, unless noted otherwise. (total of 32 wooden poles)
- SL2 New LED Dual Street/sidewalk light Pole (240V) w/Receptacle (120V)
- SL1 New LED Single Street light Pole (240V) w/Receptacle (120V)
- ⊠ Lighting Controller - per IDOT Specs - see Keyed Note 2.
- ⊠ Disconnect Switch - per IDOT Specs - see Keyed Note 3.
- ⊠ HH Handhole (light vehicular traffic)
- ⊠ Vegetation
- Underground Conduit (Unit Duct)
- 3" Galvanized steel conduit - Bore Guard Provide where existing concrete is remaining

GENERAL NOTES:

1. Provide 3" Galvanized Steel Bore Guard under all roadways as shown.
2. Remove all overhead lighting conductors in Project Scope unless noted otherwise.
3. Receptacle nomenclature includes the neutral.

IDOT Specification References:

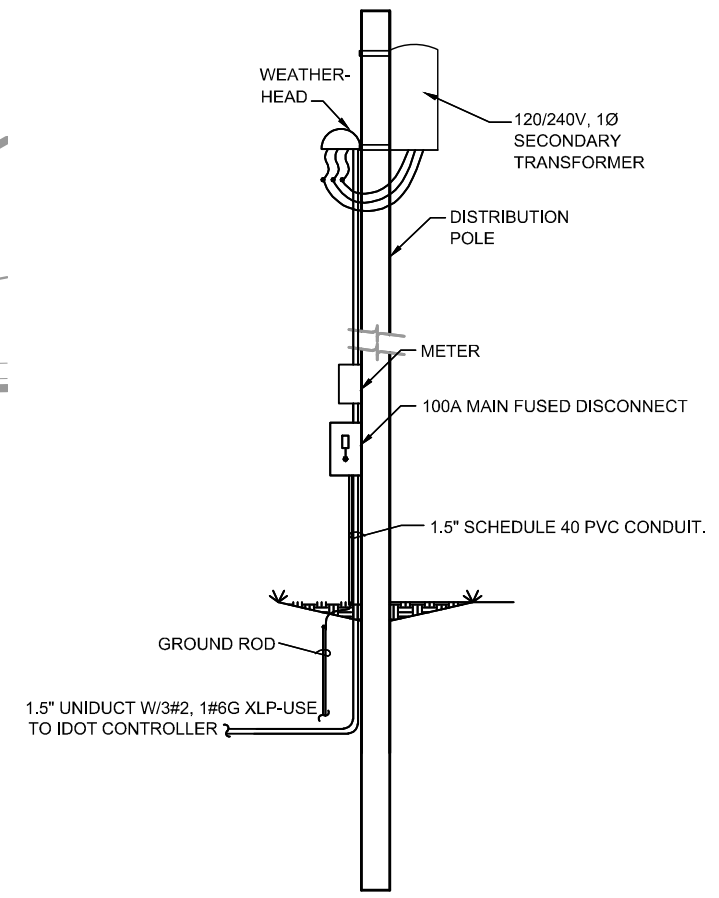
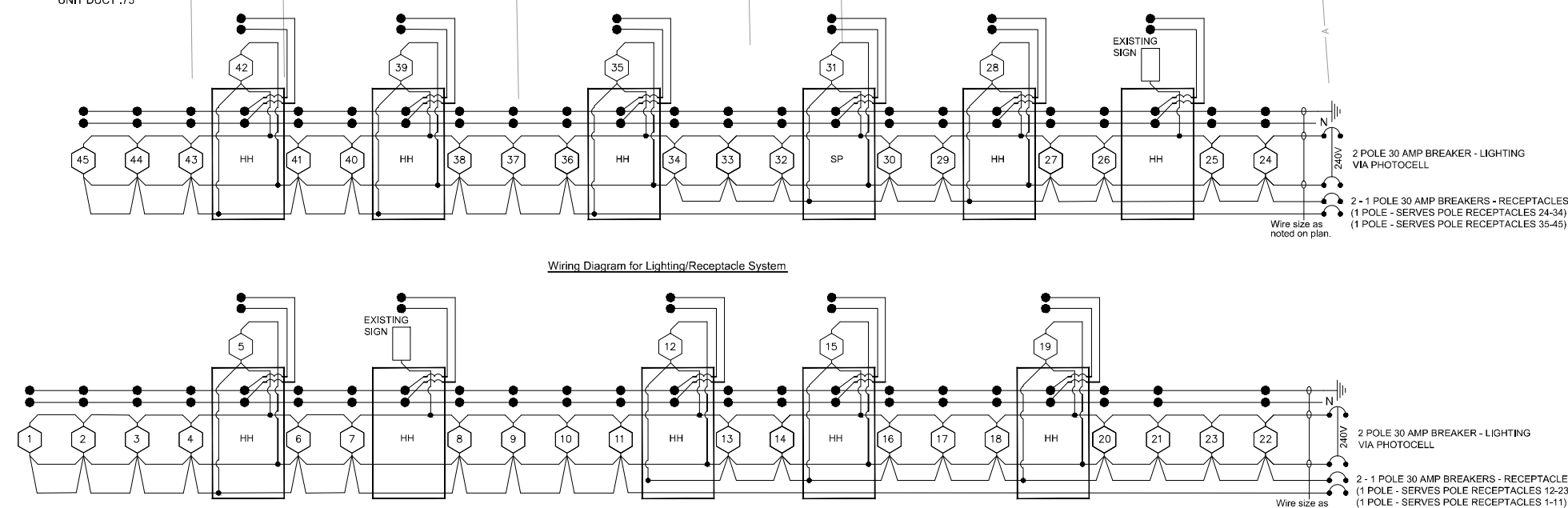
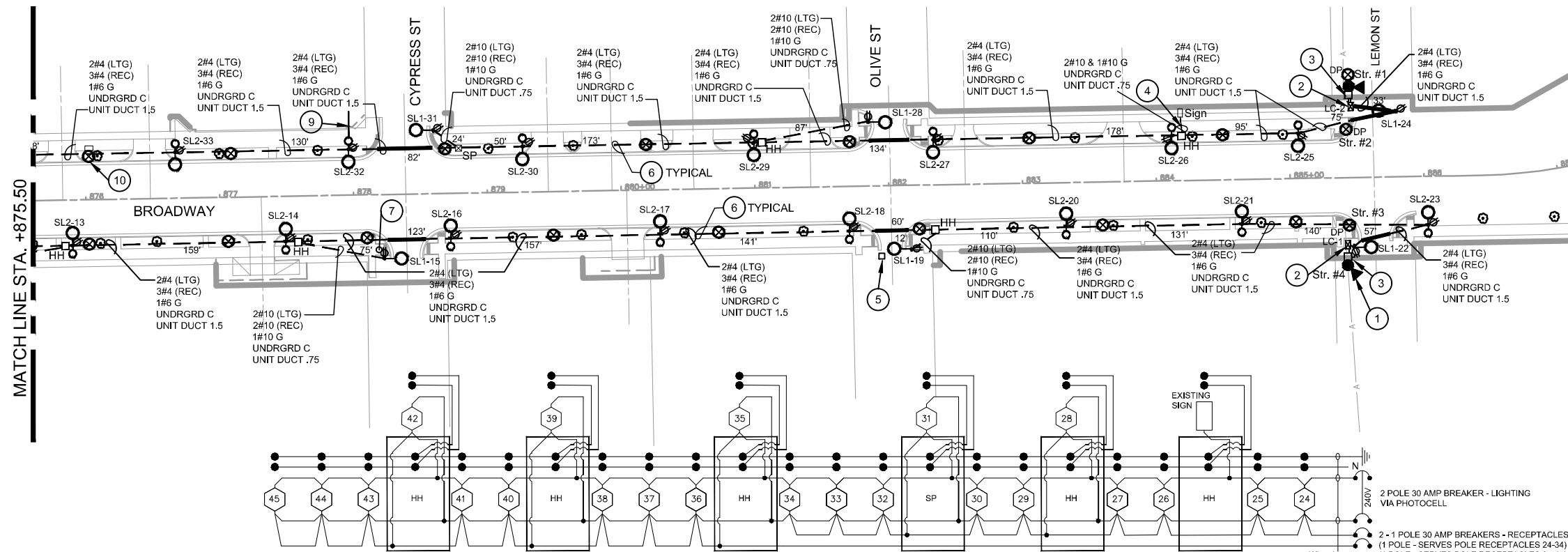
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Section 1086 - Electric Service Installation - Lighting
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825021-04 Lighting Controller Base Mounted, 240V

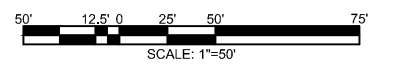
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- 1 Install 120/240V, 1 Phase pole mounted 15kVA Transformer.
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- 11 Install new underground wire to existing sign disconnect switch as shown. Refer to pay item X304181 - Disconnect Sign Lighting and remove wiring to nearest splice, for removal of existing underground wire.



TYPICAL POLE MOUNTED TRANSFORMER DETAIL
REFER TO IDOT STANDARD #825021-04

NOTE:
CONTRACTOR SHALL FIELD VERIFY/POT HOLE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR POLE FOUNDATIONS.



MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$FILETYPE\$

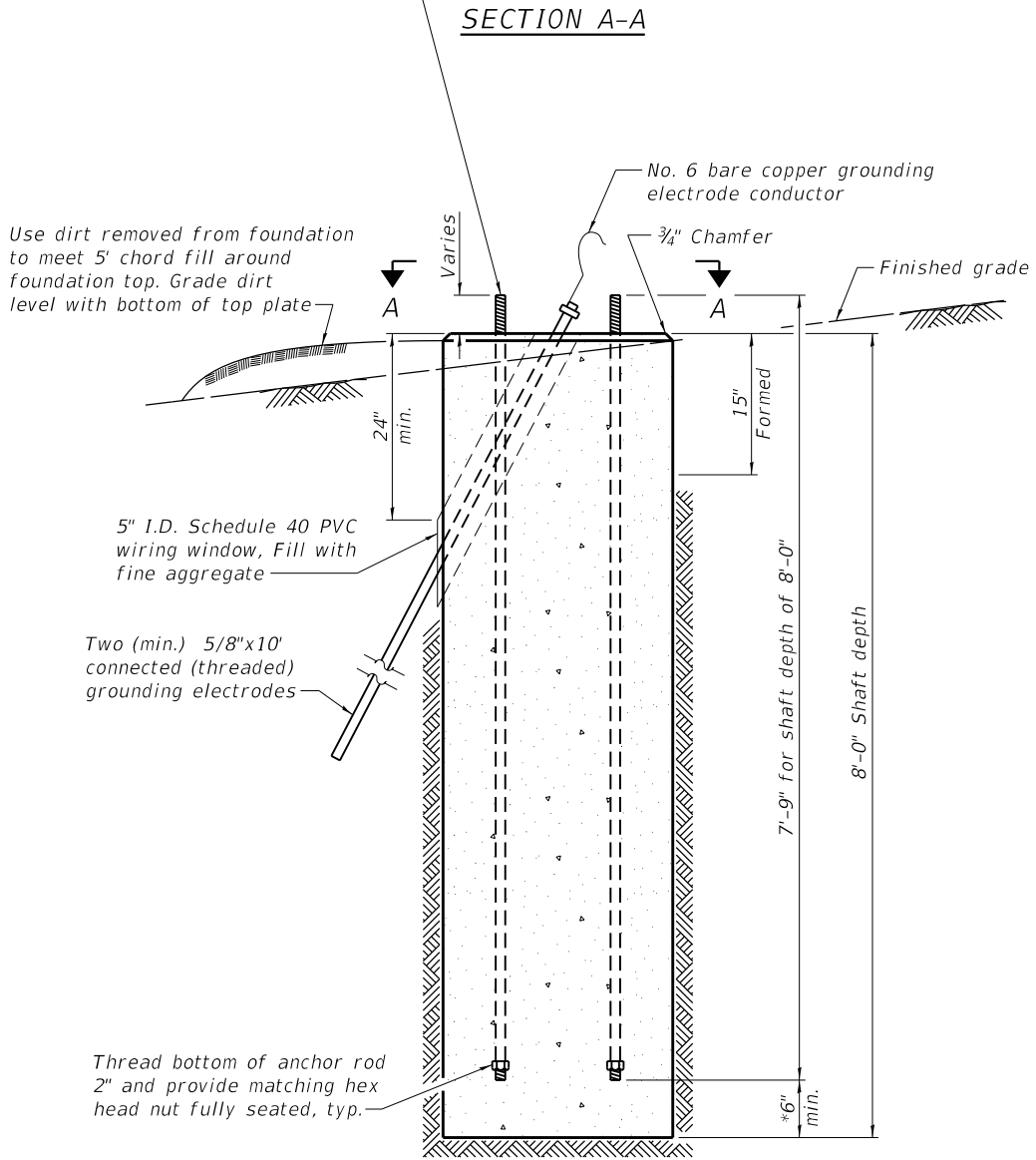
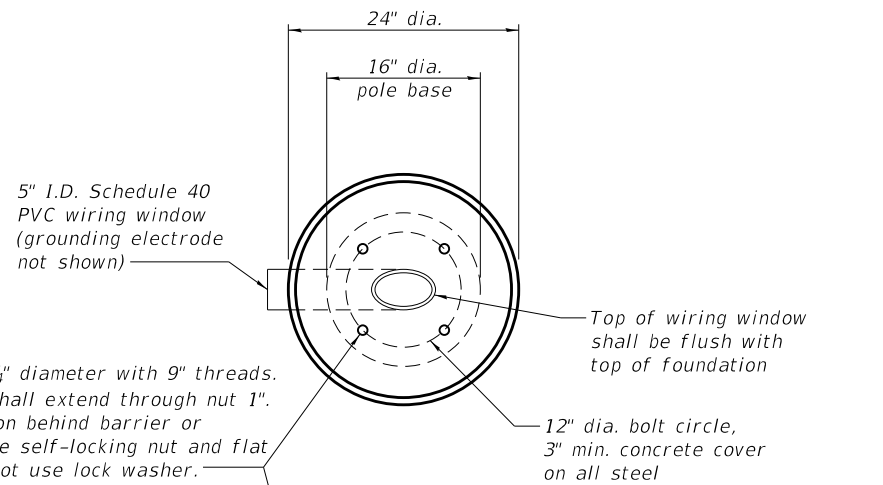


USER NAME = \$USER\$	DESIGNED - PJH	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - DLJ	REVISED -
PLOT DATE = \$DATE\$	CHECKED - LCP	REVISED -
	DATE - 07/31/19	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREETScape LIGHTING PLAN
SCALE: 1:50 SHEET 2 OF 2 SHEETS STA. 875+50 TO STA. 886

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	47
HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	



* If the required anchor rod length above top of foundation is less than 3", anchor rods may be lowered below 6"

LIGHT POLE FOUNDATION, 24" DIAMTER, SPECIAL

GENERAL NOTES

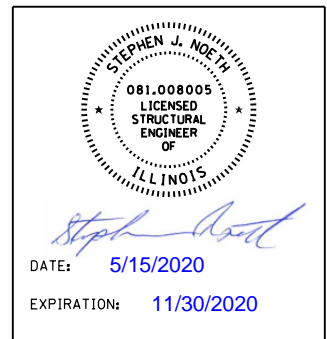
- The design shown on this sheet is for the foundation only and does not include the design of structural elements above the top of the foundation including the base plates, sign posts, etc.
- The Engineer shall be notified of any changes to the drawings provided by Holophane signed on 11/5/2018.
- The foundation and its construction shall conform to Section 837 of the IDOT Standard Specifications for Road and Bridge Construction.
- Breakaway devices shall conform to Section 838 of the IDOT Standard Specifications for Road and Bridge Construction.
- Backfill shall be clean sand thoroughly compacted by tamping layers not more than 8 inches thick.
- Minimum roadway clearances and ADA requirements to be verified by others.
- All Foundations are designed to be located on slopes not exceeding 2:1.

DESIGN LOADS AND SPECIFICATIONS

- IDOT Standard Specifications for Road and Bridge Construction
- AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals
- Wind Speed = 90 mph
- Ice Load = 3 psf
- Dead Loads provided by manufacturer

DESIGN STRESSES

FIELD UNITS
f'c = 4,000 psi



FILE NAME: H:\PI\18065 - Broadway Streetscape Phase 1\Structural\Final Plans\Microstation\18065-001-Light Post Foundation Details.dgn

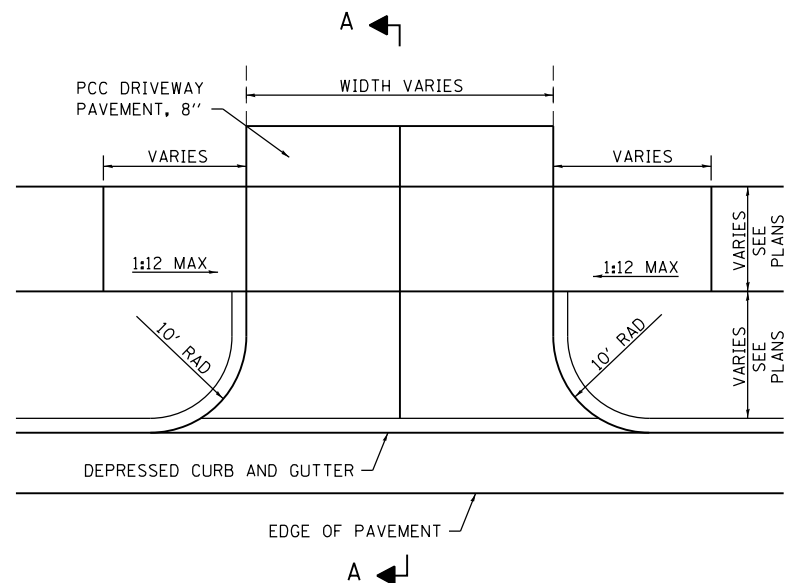


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	CHECKED - KBC	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

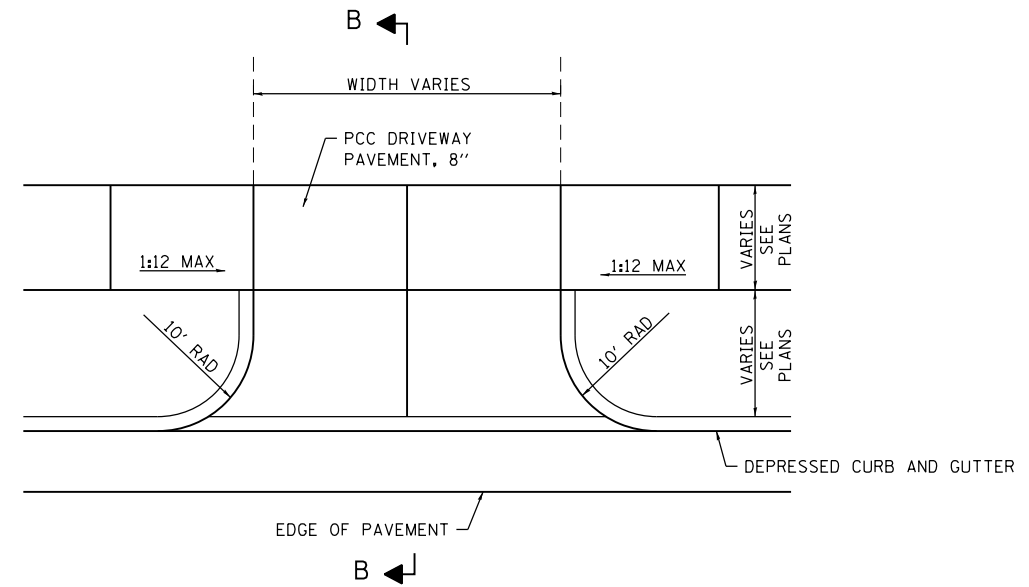
LIGHT POST FOUNDATION DETAILS
SHEET 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	48
CITY OF HIGHLAND ILLINOIS			CONTRACT NO. 97735	



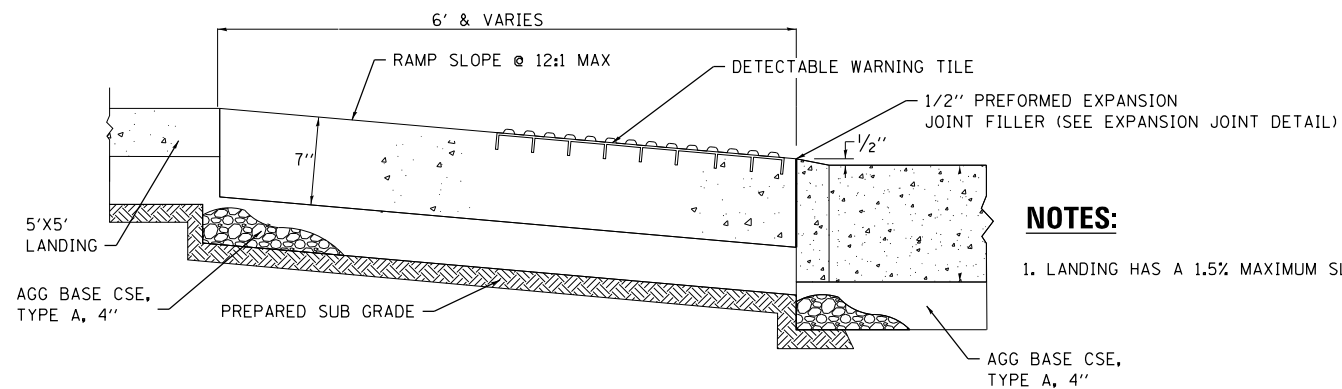
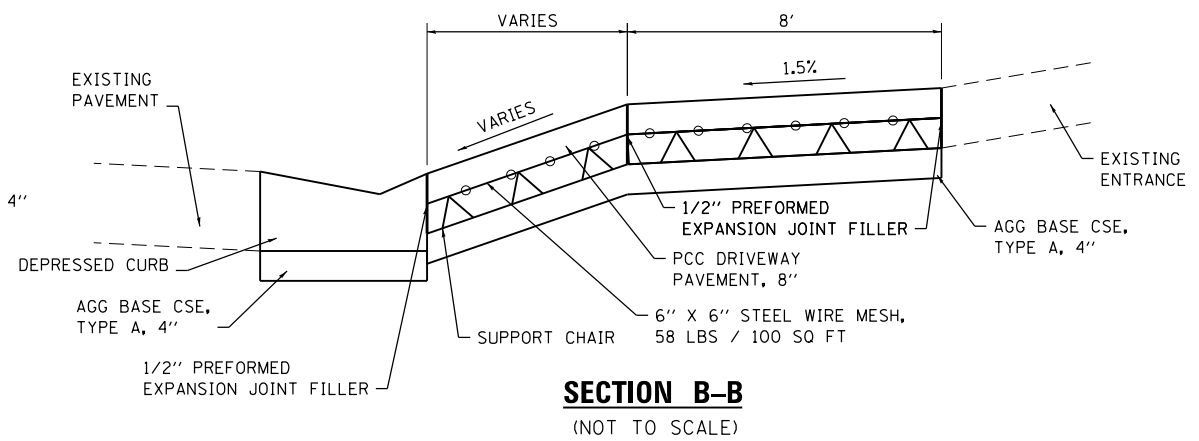
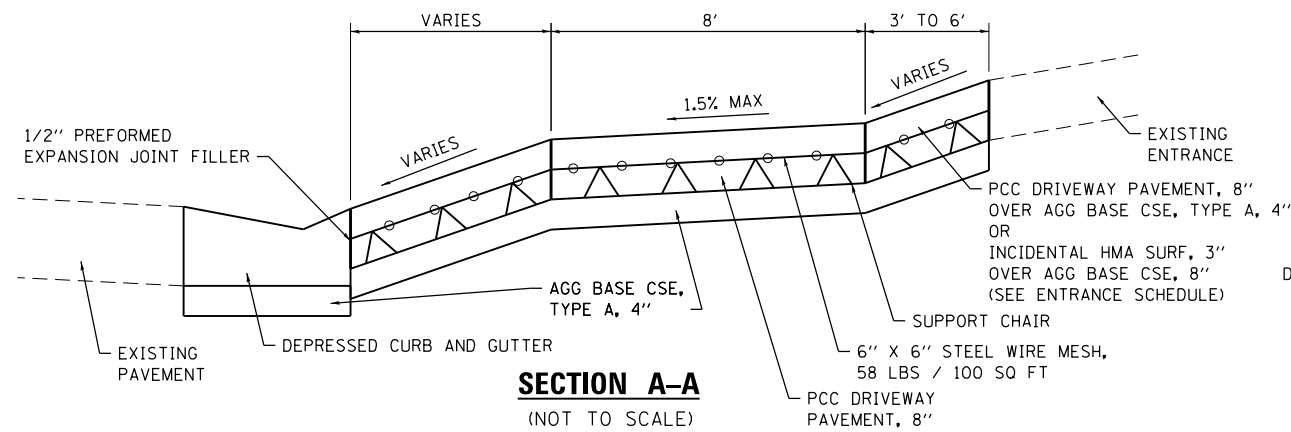
**TYPICAL ENTRANCE DETAIL
WITH TRANSITION PANEL**

(NOT TO SCALE)
 STA. 868+72 RT STA. 873+34 RT
 STA. 869+26 LT STA. 874+02 LT
 STA. 871+15 RT STA. 877+28 RT
 STA. 872+73 RT STA. 880+04 RT



TYPICAL ENTRANCE DETAIL

(NOT TO SCALE)
 STA. 866+48 RT STA. 873+31 LT STA. 880+54 LT
 STA. 866+94 RT STA. 875+83 LT STA. 881+42 LT
 STA. 869+17 RT STA. 876+48 LT STA. 882+57 LT
 STA. 869+85 RT STA. 879+46 LT STA. 883+76 LT
 STA. 872+46 LT STA. 879+93 LT



NOTES:
 1. LANDING HAS A 1.5% MAXIMUM SLOPE IN ANY DIRECTION.

CURB RAMP DETAIL / CURB TRANSITION
(NOT TO SCALE)

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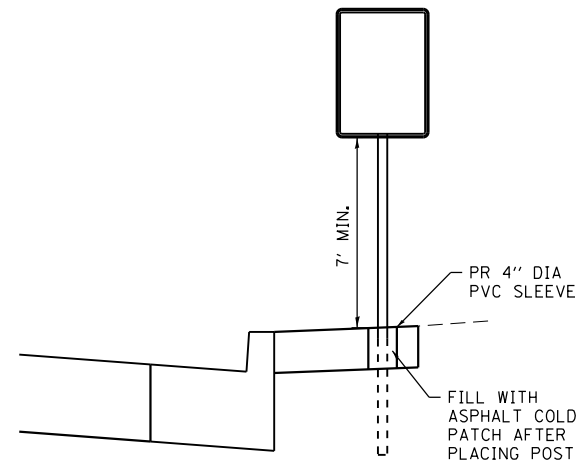
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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

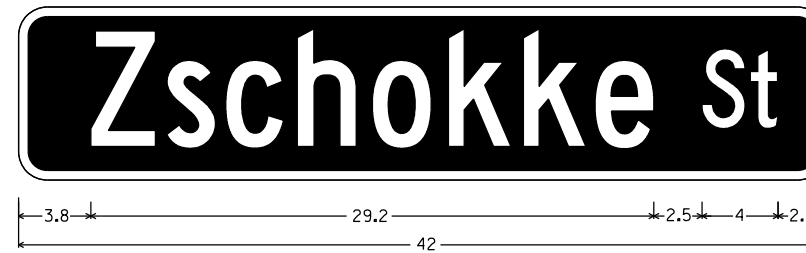
CONSTRUCTION DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	49
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	



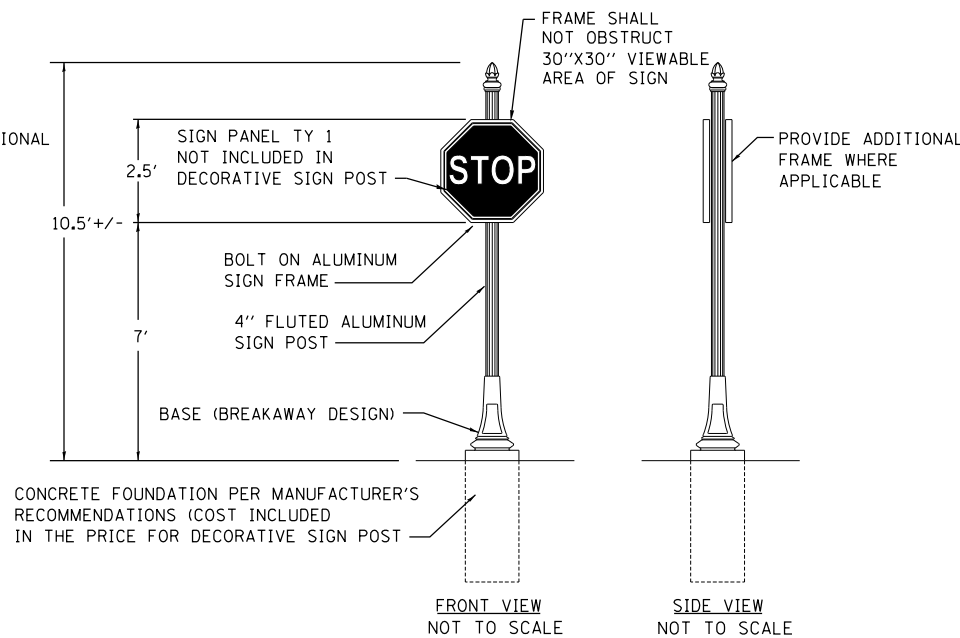
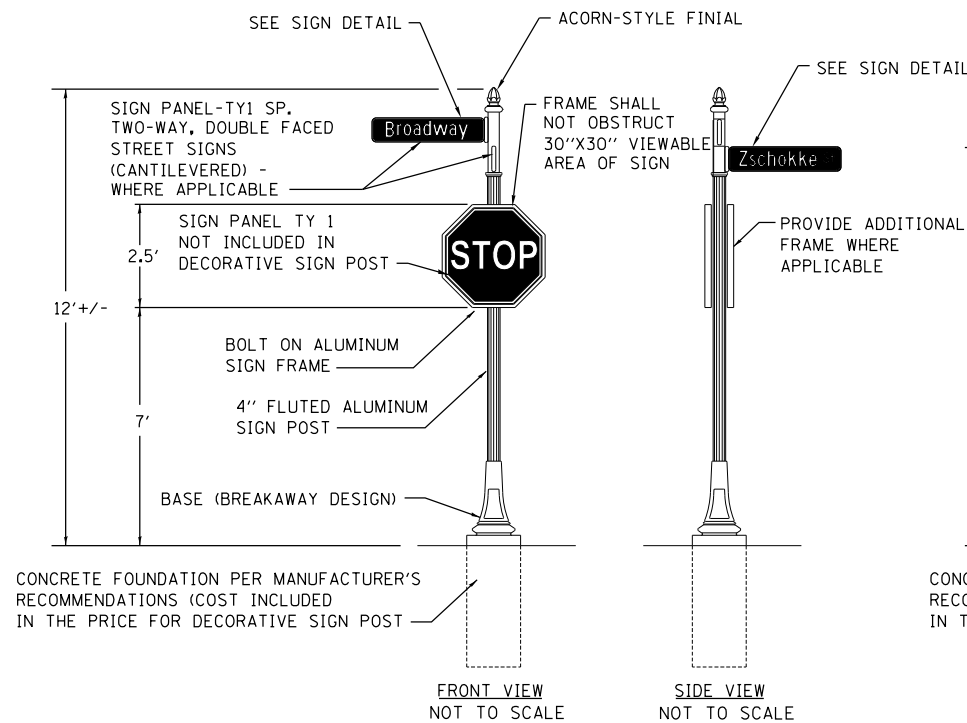
SIGN PLACEMENT IN CONCRETE DETAIL
(NOT TO SCALE)



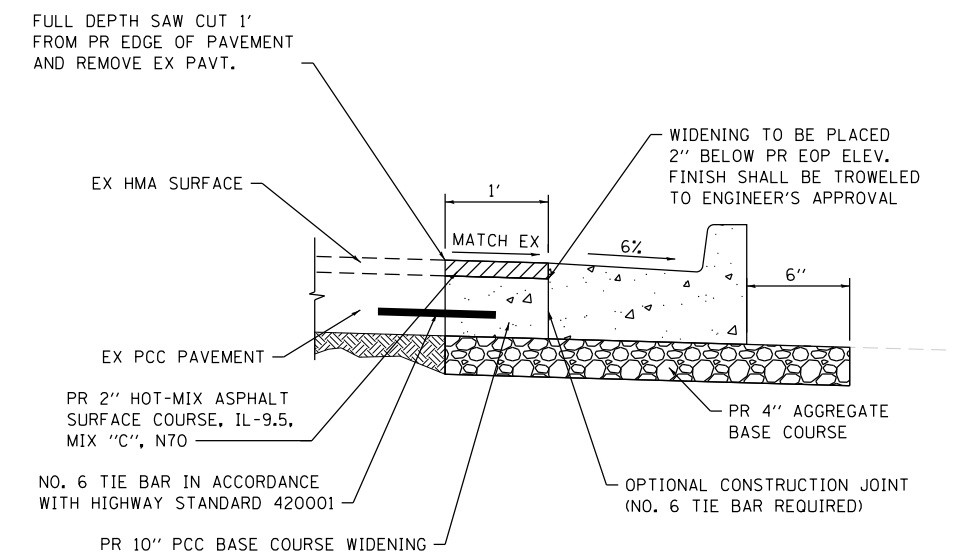
STREET SIGN DETAIL
(NOT TO SCALE)

STREET SIGN NOTES:

- 1 SEE SIGN PANEL AND POST SCHEDULE FOR ACTUAL DIMENSIONS
- 2 ALL DIMENSIONS IN INCHES
- 3 TEXT IS B SERIES FONT
- 4 VARY TEXT LOCATION TO PREVENT LETTERING FROM ENTERING SIGN BORDER



DECORATIVE SIGN POST
NOT TO SCALE



TYPE B-6.24 CONCRETE CURB & GUTTER ABUTTING EXISTING PAVEMENT
(NOT TO SCALE)

NOTES:

1. ALL APPLICABLE PARTS SHALL RECEIVE A STANDARD ELECTROSTATICALLY APPLIED THERMOSET POLYESTER POWDER COAT SMOOTH SEMI-GLOSS BLACK FINISH.
2. ALL FASTENERS SHALL BE STAINLESS STEEL.
3. SIGN POST MANUFACTURER SHALL BE HOLOPHANE INDUSTRIES.
4. BASE AND POST SHOULD MATCH LIGHT FIXTURE STYLE TO THE SATISFACTION OF THE ENGINEER.
5. CONTRACTOR SHALL ORDER SIGN POST SUCH THAT THE POST HEIGHT IS NOT MORE THAN 1' TALLER THAN THE MINIMUM HEIGHT REQUIRED FOR MOUNTING (SEE SIGN MOUNTING DETAIL)

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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

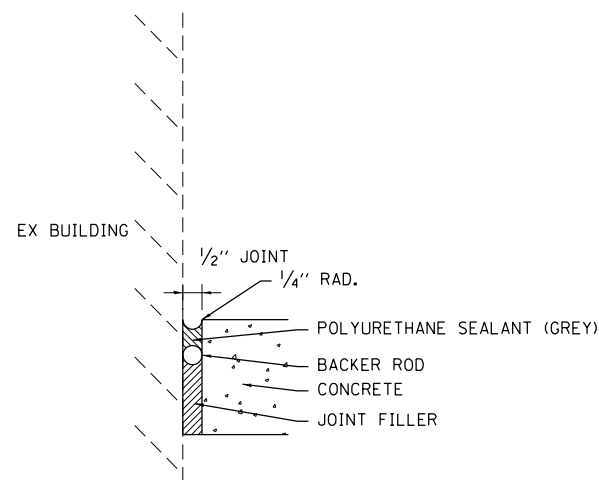


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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

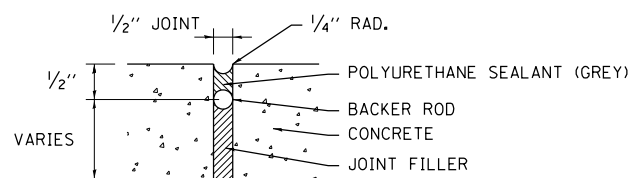
CONSTRUCTION DETAILS			
SCALE:	SHEET 2	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	



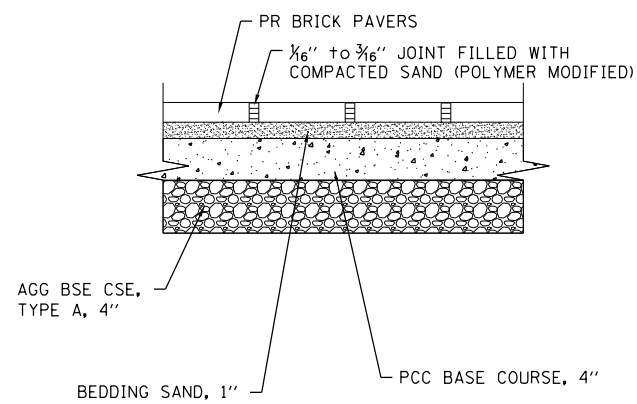
EXPANSION JOINT ALONG BUILDING

(NOT TO SCALE)



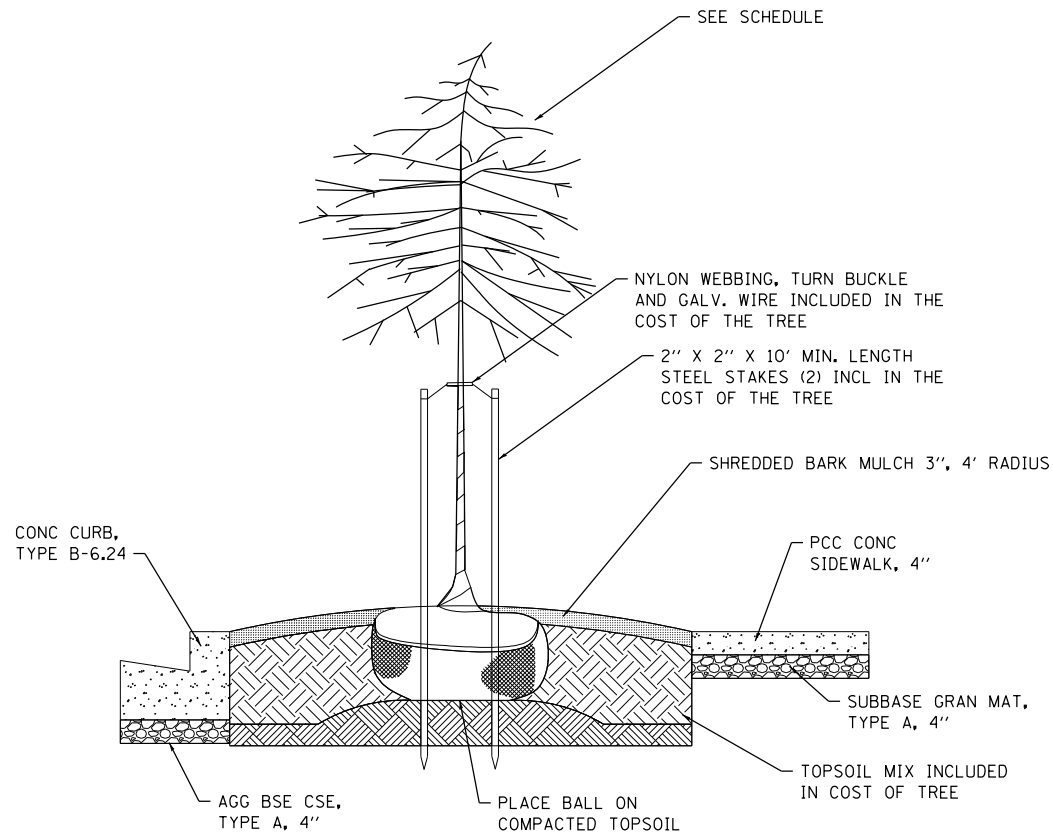
EXPANSION JOINT DETAIL

(NOT TO SCALE)



BRICK PAVERS DETAIL

NOT TO SCALE



TREE PLANTING DETAIL

(NOT TO SCALE)

NOTES:

1. BRICK MATERIAL AND COLOR SHALL MATCH EXISTING BRICK PAVERS ON POPLAR STREET ROUNDABOUT AND BE APPROVED BY THE ENGINEER.
2. BRICK PAVERS SHALL BE PLACED IN A "COBBLESTONE" OR "RUNNING BOND" RANDOM PATTERN AS APPROVED BY THE ENGINEER
3. GENERALLY, CONCRETE PAVERS SHALL BE SET SO THAT JOINTS ON ADJACENT ROWS ARE AT LEAST 2" APART. OCCASIONAL ALIGNMENT OF THE JOINTS MAY BE ALLOWED IF APPROVED BY THE ENGINEER.
4. A POLYMER STABILIZED SAND (ORGANIC SAND STABILIZER) SHALL BE USED TO FILL THE PAVER JOINTS.
5. THE BEDDING SAND THICKNESS SHALL BE A NOMINAL 1" THICK

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PLOT DATE = 4/6/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	51
CITY OF HIGHLAND ILLINOIS			CONTRACT NO. 97735	
FED. AID PROJECT				

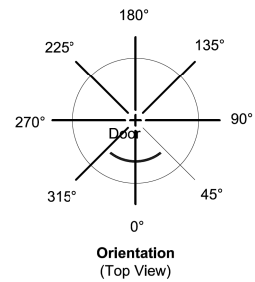
Charleston Series Pole

Aluminum, SiteLink Straight L5J Shaft
 Tenon: Ø3"x5"
 (1)Receptacle Provision
 Finish: Holophane Black
 Anchor Bolts: Set of (4)3/4"x18"
 Modified: Wireway Drilling Provision

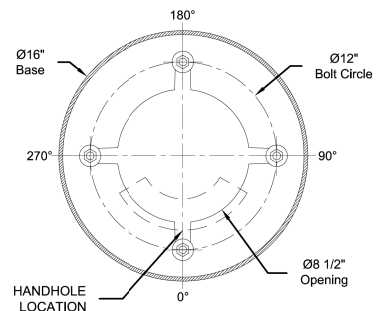
CUSTOMER NOTES:
 1. STANDARD SPECS NOT SHOWN HERE CAN BE FOUND ON SEPARATE CUT SHEETS (PLEASE SEE SALES).
 2. CUSTOMER SHALL VERIFY/IDENTIFY ACCESSORY LOCATIONS IN TABLE AND PROVIDE PRIOR TO PRODUCTION. MAY BE ROTATED IN VIEW FOR CLARITY.
 3. WINDLOADING PROVIDED BASED ON ASSEMBLY AS SHOWN. ANY CHANGES TO WEIGHT/EPA MAY NEED TO BE VERIFIED BY HOLOPHANE ENGINEERING.
 4. SIGNED APPROVAL TO ACCOMPANY PO.

Accessory Mounting Detail

	Orientation	Height
RECEPTACLE	0°	23'-1"
WIREWAY, SLBHC48 ARM	0°	14'-0"



Anchorage Detail



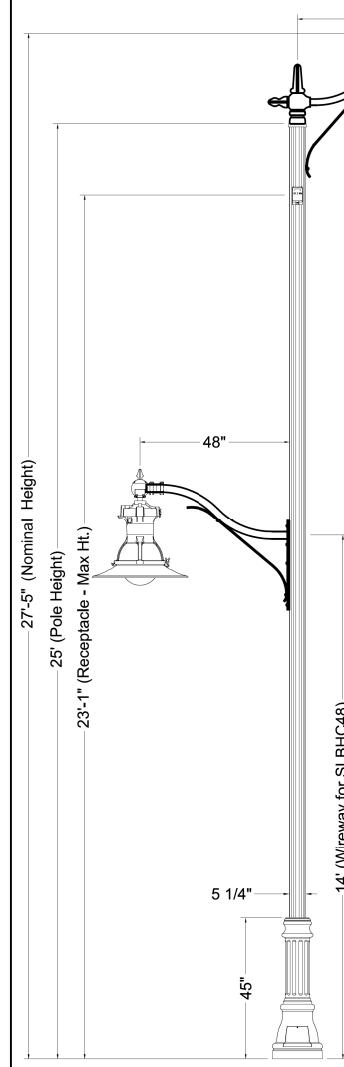
LOADING DATA
 WIND LOADING :
 90MPH
 1.14 GUST
 AASHTO 2013

INITIAL INSTALLATION:
 5.54 SQ FT
 (EQUIVALENT POLE TOP EPA)
 184.0 LBS
 (CURRENT LOADING WEIGHT)

FUTURE INSTALLATION:
 6.5 SQ FT
 (ADDT'L EQUIV POLE TOP EPA)
 163.0 LBS
 (ADDT'L LOADING CAPACITY)

Catalog #'s:
 Pole: CHA25L5J16P08BKRXXX-K168A RFD306856
 Anchor Bolts: AB-31-4
 Receptacle: FGIUS-SBKH
 Roadway Arm: BHC96/1L45BKH
 Roadway Arm: SLBHC48/1BOL45BKH RFD306856
 Fixture: LUMINAIRE, TYPE A (SPECIAL), LUMINAIRE, TYPE B (SPECIAL)
 Filters: (2)BHDF13200BK

Customer Signature _____ Date _____



City of Highland
 Highland, MO

ORDER #:2363-18-11157-13	TYPE: A	DRAWING #:
REVISION: 1	REVISION DATE: 08/07/19	TSG 011615
DRAWN: MAB	ORIGIN DATE: 05/31/18	PAGE: 1 of 1

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUPPLIED, BUT ONLY AFTER APPROVAL BY THE CUSTOMER IN WRITING. ON POLE ORDERS AN ANCHOR BOLT TEMPLATE PRINT WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS, AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

DECORATIVE LIGHT POLE TYPE A

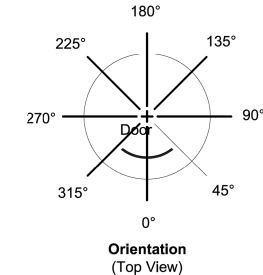
Charleston Series Pole

Aluminum, SiteLink Straight L5J Shaft
 Tenon: Ø3"x5"
 (1)GFI Receptacle with Small, In-Use Weatherproof Cover
 Holophane Black finish
 Anchor Bolts: Set of (4)3/4"x18"

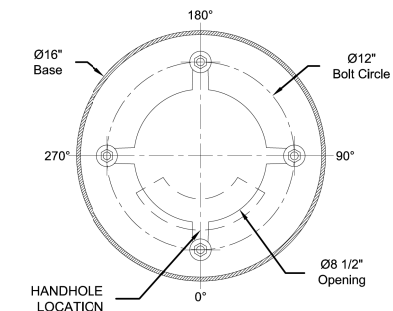
CUSTOMER NOTES:
 1. STANDARD SPECS NOT SHOWN HERE CAN BE FOUND ON SEPARATE CUT SHEETS
 2. CUSTOMER SHALL VERIFY ACCESSORY LOCATION IN TABLE AND PROVIDE PRIOR TO PRODUCTION.
 3. WINDLOADING PROVIDED BASED ON ASSEMBLY. ANY CHANGES TO WEIGHT/EPA MAY NEED TO BE VERIFIED BY HOLOPHANE ENGINEERING.
 4. SIGNED APPROVAL TO ACCOMPANY PO.

Accessory Mounting Detail

	Orientation	Height
RECEPTACLE	0°	23'-1"



Anchorage Detail



LOADING DATA
 WIND LOADING :
 90MPH
 1.14 GUST
 AASHTO 2013

INITIAL INSTALLATION:
 3.89 SQ FT
 (EQUIVALENT POLE TOP EPA)
 103.0 LBS
 (CURRENT LOADING WEIGHT)

FUTURE INSTALLATION:
 34.0 SQ FT
 (ADDT'L EQUIV POLE TOP EPA)
 850.0 LBS
 (ADDT'L LOADING CAPACITY)

Catalog #'s:
 Pole: CHA25L5J16P08BKRXXX-K168A RFD306856
 Anchor Bolts: AB-31-4
 Receptacle: FGIUS-SBKH
 Roadway Arm: BHC48/1L45BK
 Fixture/Fitter: LUMINAIRE, TYPE A (SPECIAL) / BHDF13200BK

Customer Signature _____ Date _____



City of Highland
 Highland, MO

ORDER #:2363-18-11157-16	TYPE: B	DRAWING #:
REVISION: 5	REVISION DATE: 09/26/19	TSG 010835
DRAWN: MAB	ORIGIN DATE: 05/31/18	PAGE: 2

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUPPLIED, BUT ONLY AFTER APPROVAL BY THE CUSTOMER IN WRITING. ON POLE ORDERS AN ANCHOR BOLT TEMPLATE PRINT WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS, AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

DECORATIVE LIGHT POLE TYPE B

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	DATE - _____	REVISED - _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

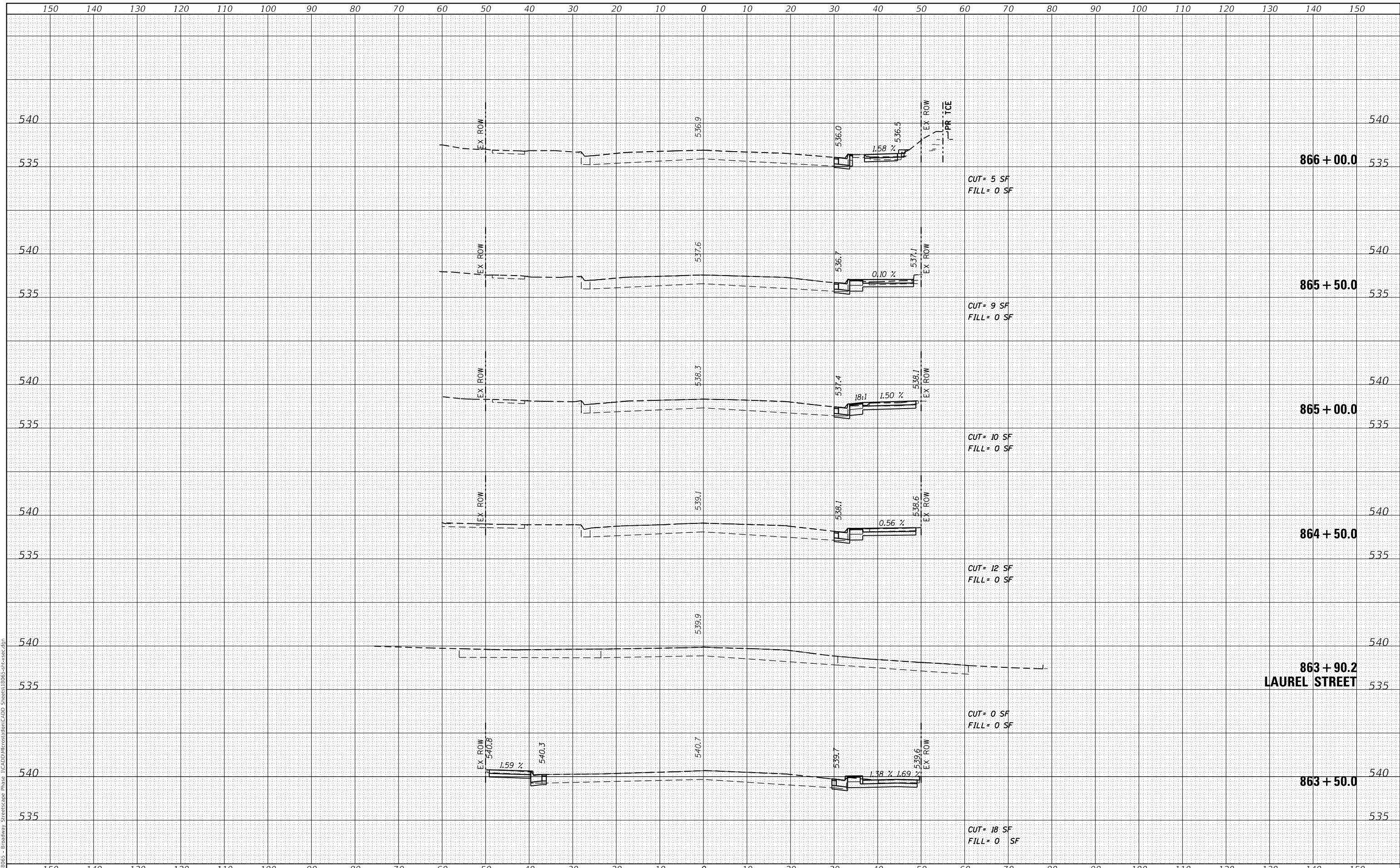
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-0072-00-LS	MADISON	62	52
CONTRACT NO. 97735				
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

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PLOT DATE = 4/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

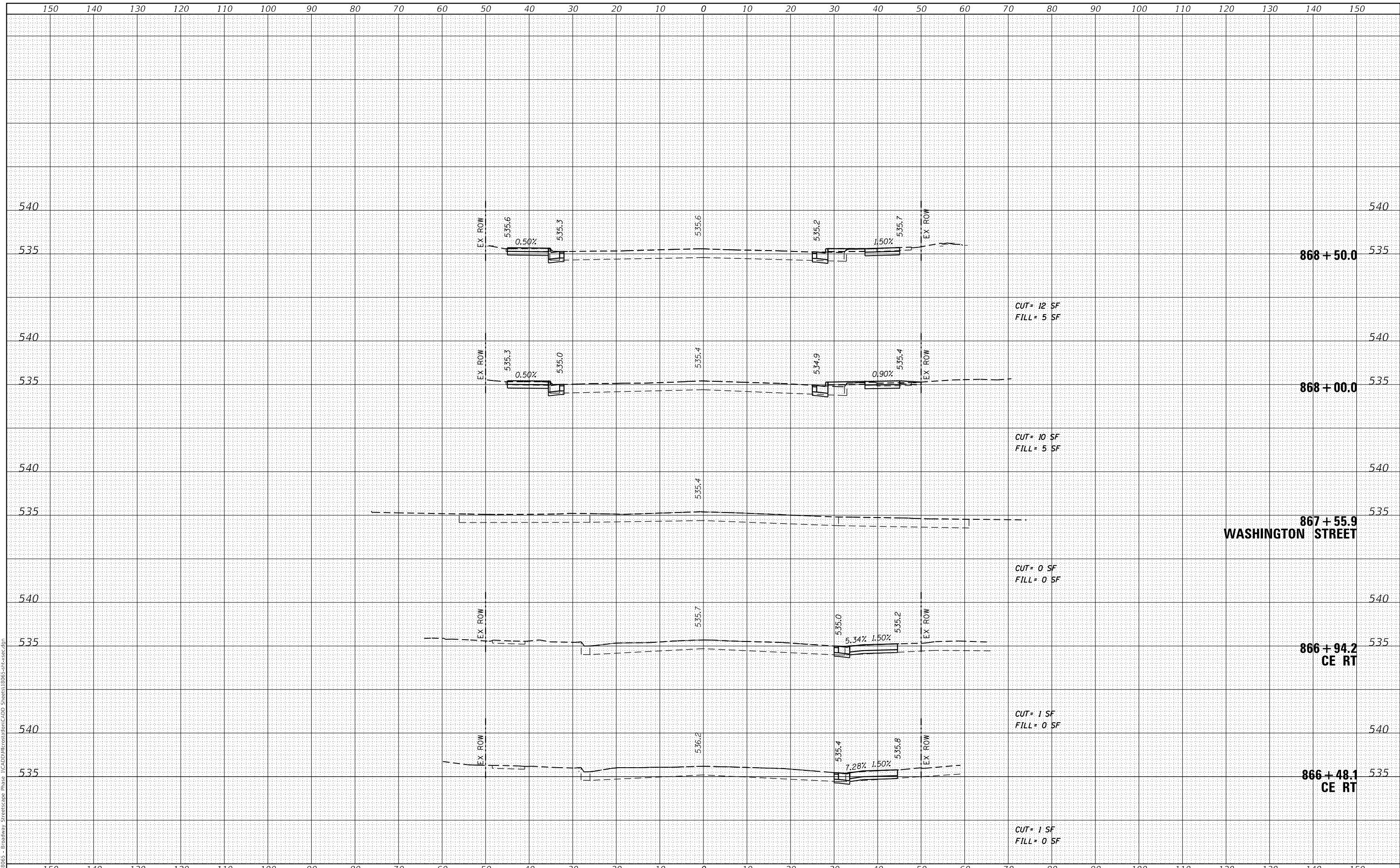
SCALE: NTS	SHEET 1	OF 10 SHEETS	STA. 863+50.0	TO STA. 866+00.0
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F.A.P. RTE. 690	SECTION 18-00072-00-LS	COUNTY MADISON	TOTAL SHEETS 62	SHEET NO. 53
CITY OF HIGHLAND		ILLINOIS	FED. AID PROJECT	
			CONTRACT NO. 97735	

DATE	
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NO.	TEMPLATE
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DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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OATES ASSOCIATES
ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

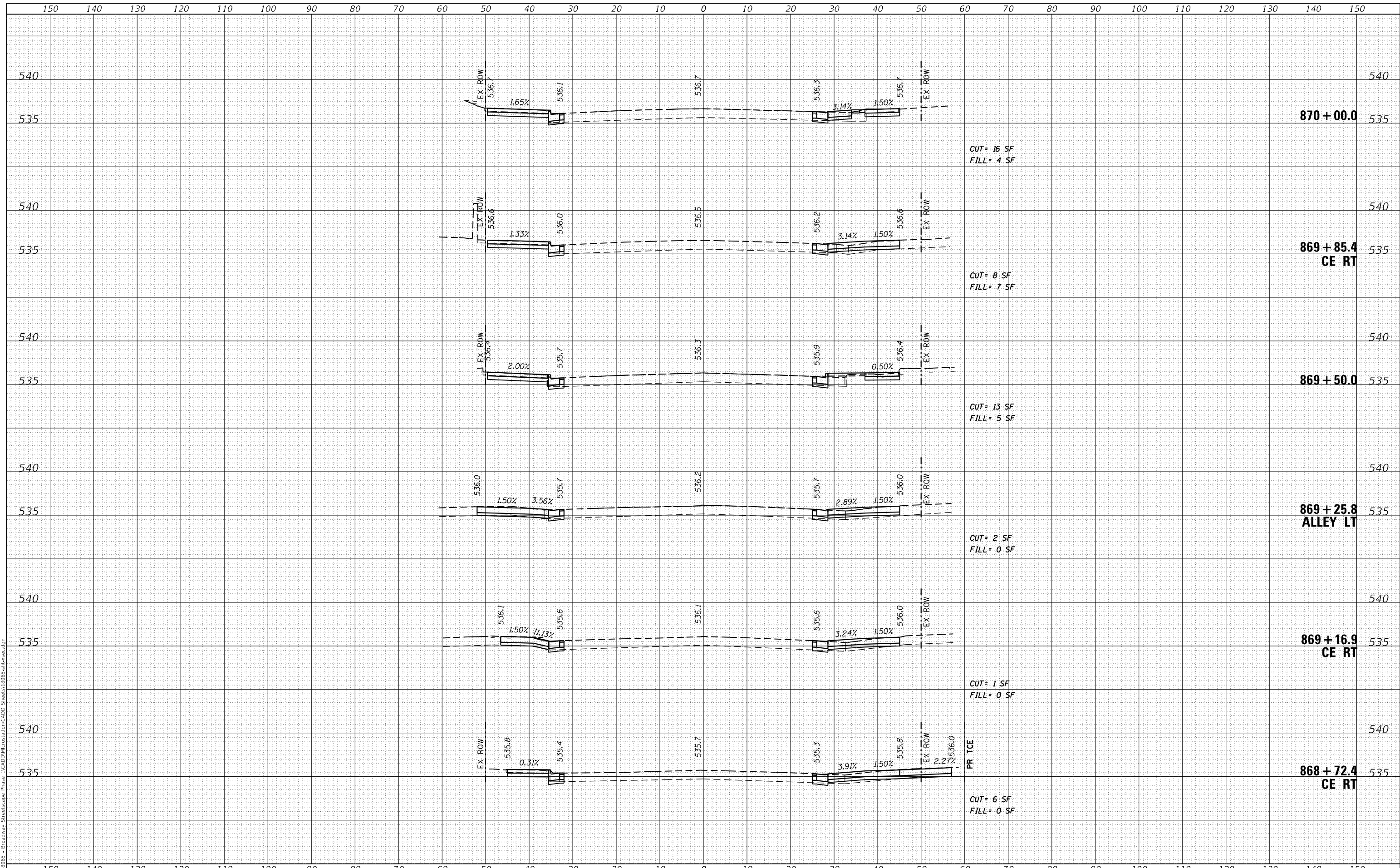
SCALE: NTS SHEET 2 OF 10 SHEETS STA. 866+48.12 TO STA. 868+50.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	54
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

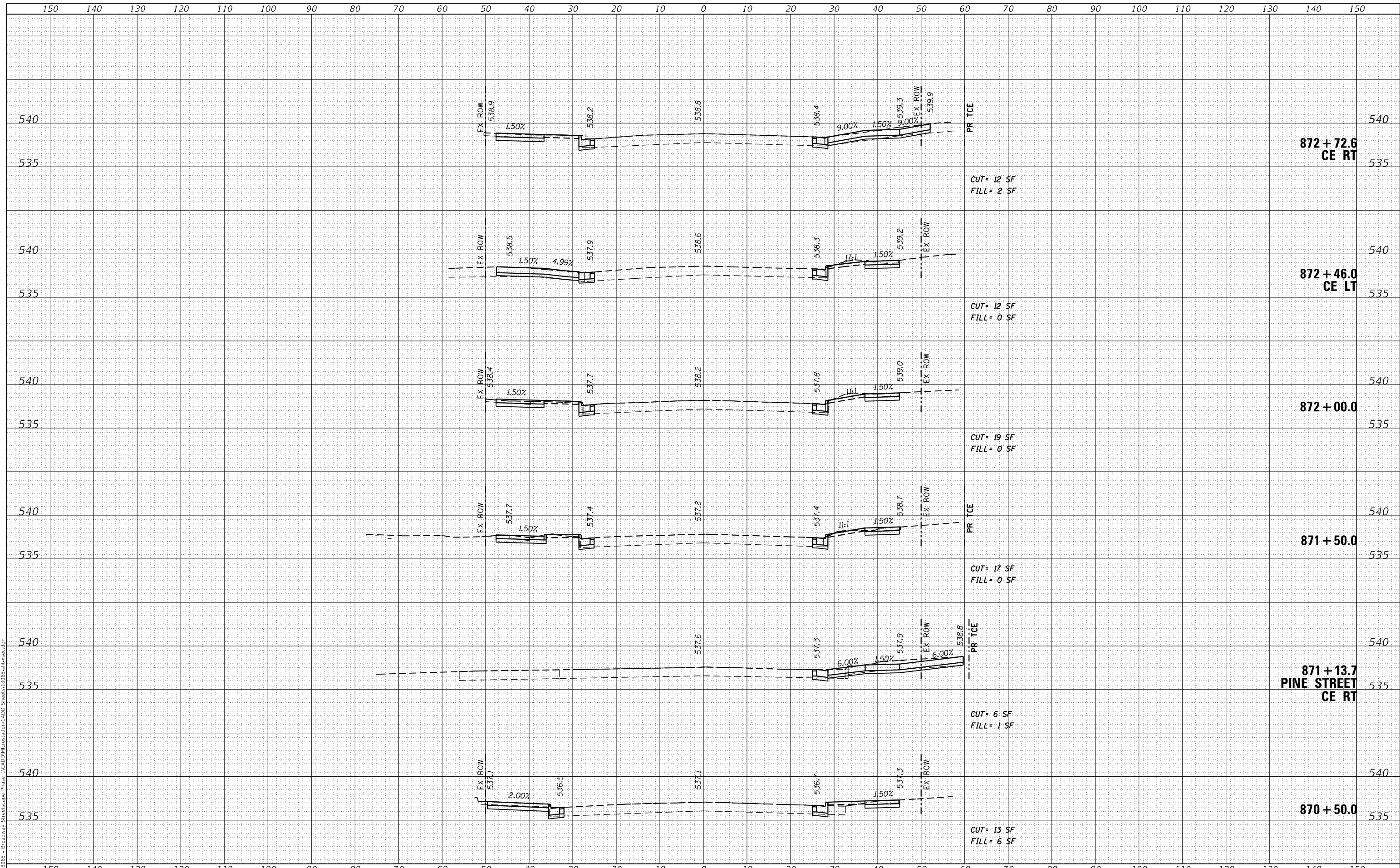
SCALE: NTS SHEET 3 OF 10 SHEETS STA. 868+72.43 TO STA. 870+00.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	55
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	

DATE	
BY	
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DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

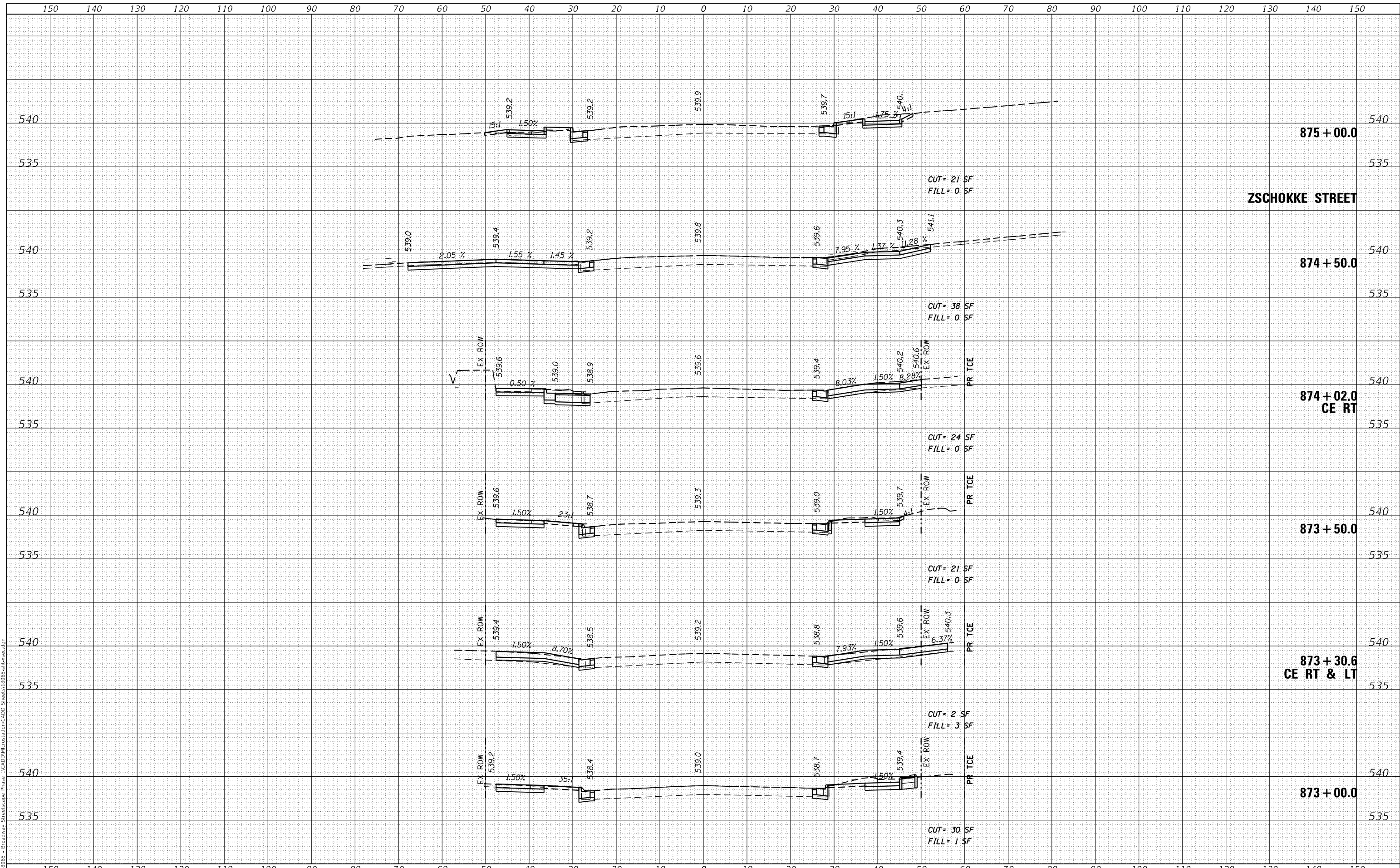
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	56
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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DATE	
BY	
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	AREAS CHECKED

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DRAWN	-
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CHECKED	-
DATE	-
REVISIED	-
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REVISIED	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
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REVISIED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

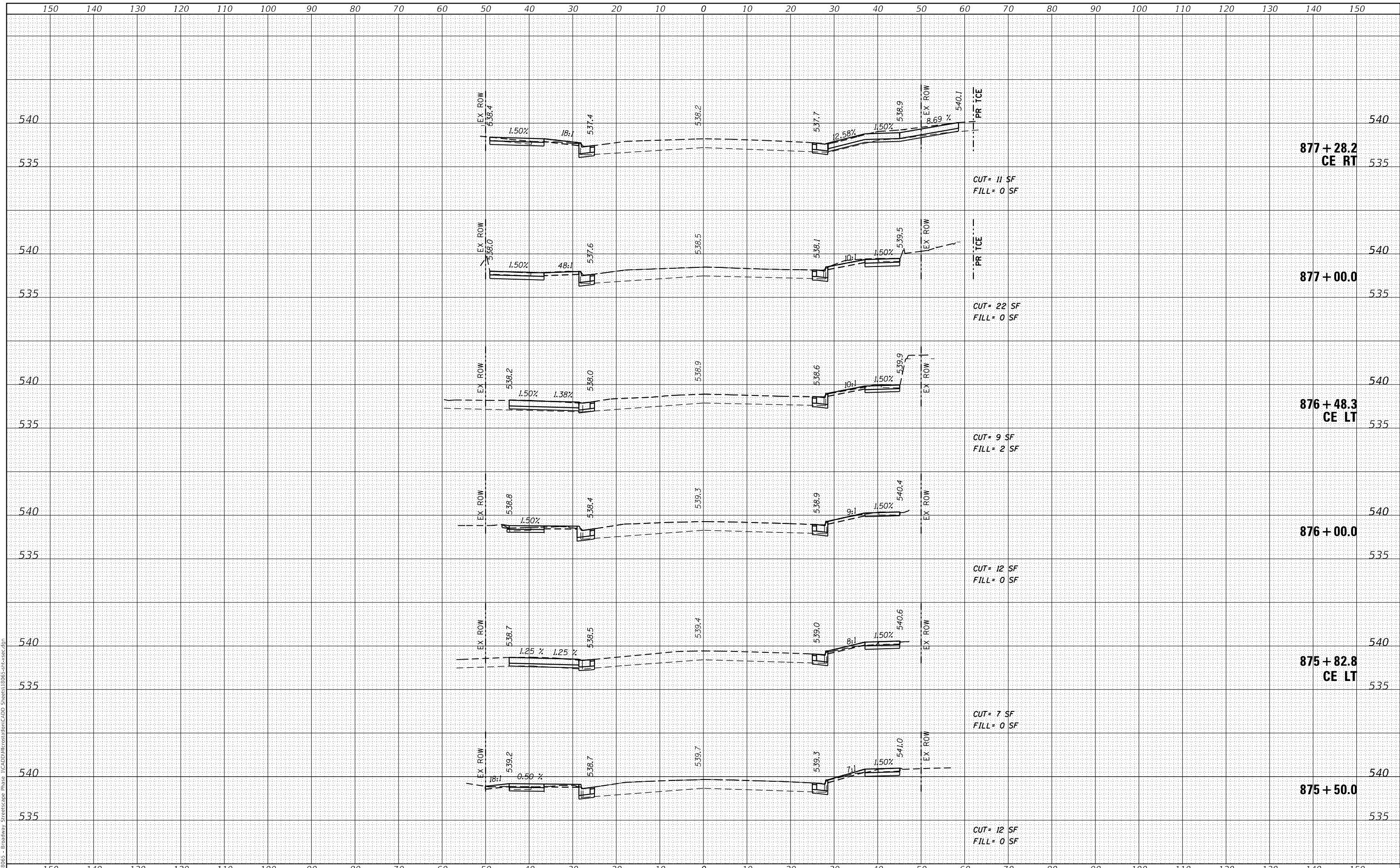
SCALE: NTS SHEET 5 OF 10 SHEETS STA. 873+00.0 TO STA. 875+00.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	57
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	

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

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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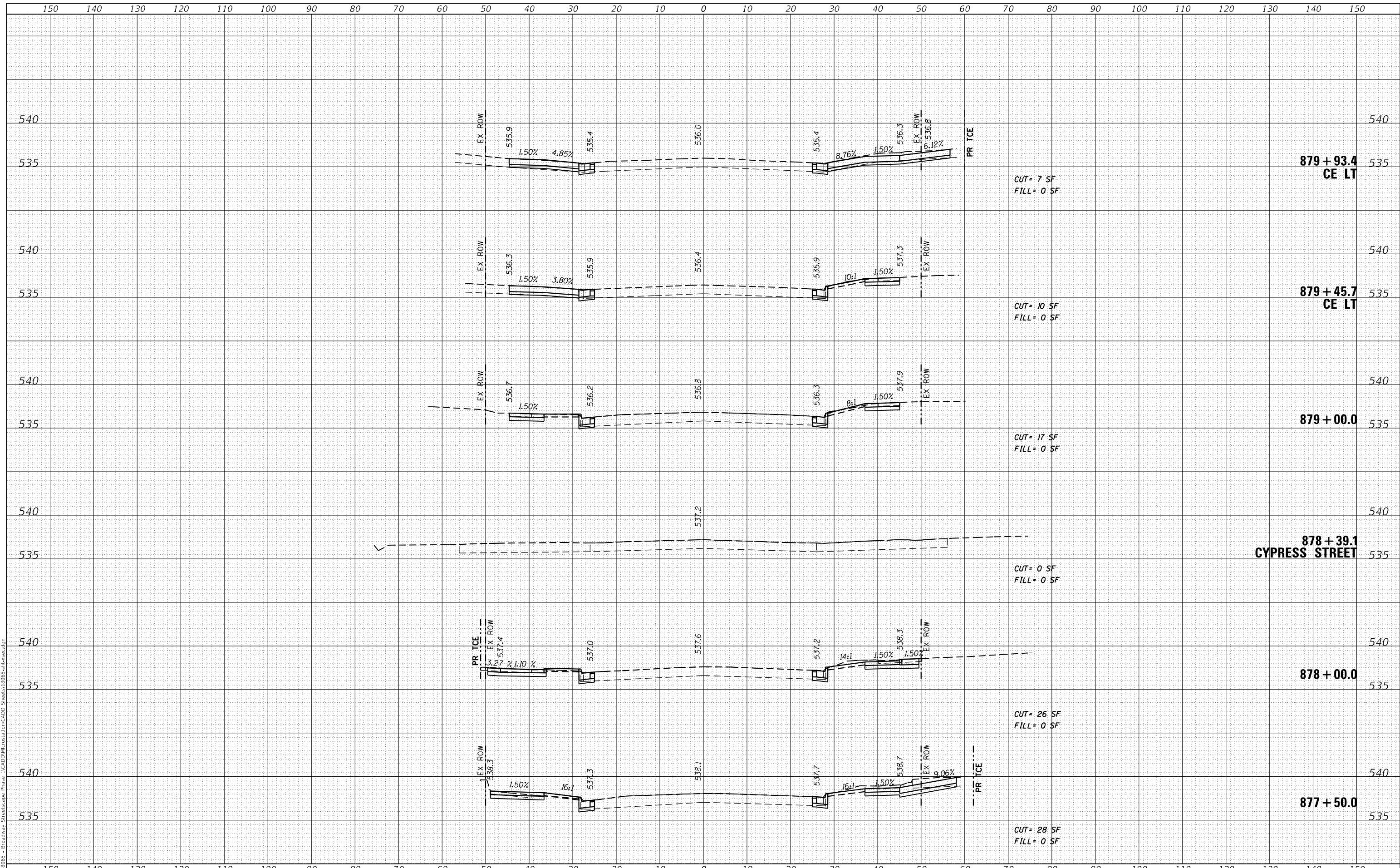
SCALE: NTS SHEET 6 OF 10 SHEETS STA. 875+50.0 TO STA. 877+31.15

F.A.P. RTE. 690	SECTION 18-00072-00-LS	COUNTY MADISON	TOTAL SHEETS 62	SHEET NO. 58
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	

DATE	
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 DEPARTMENT OF TRANSPORTATION

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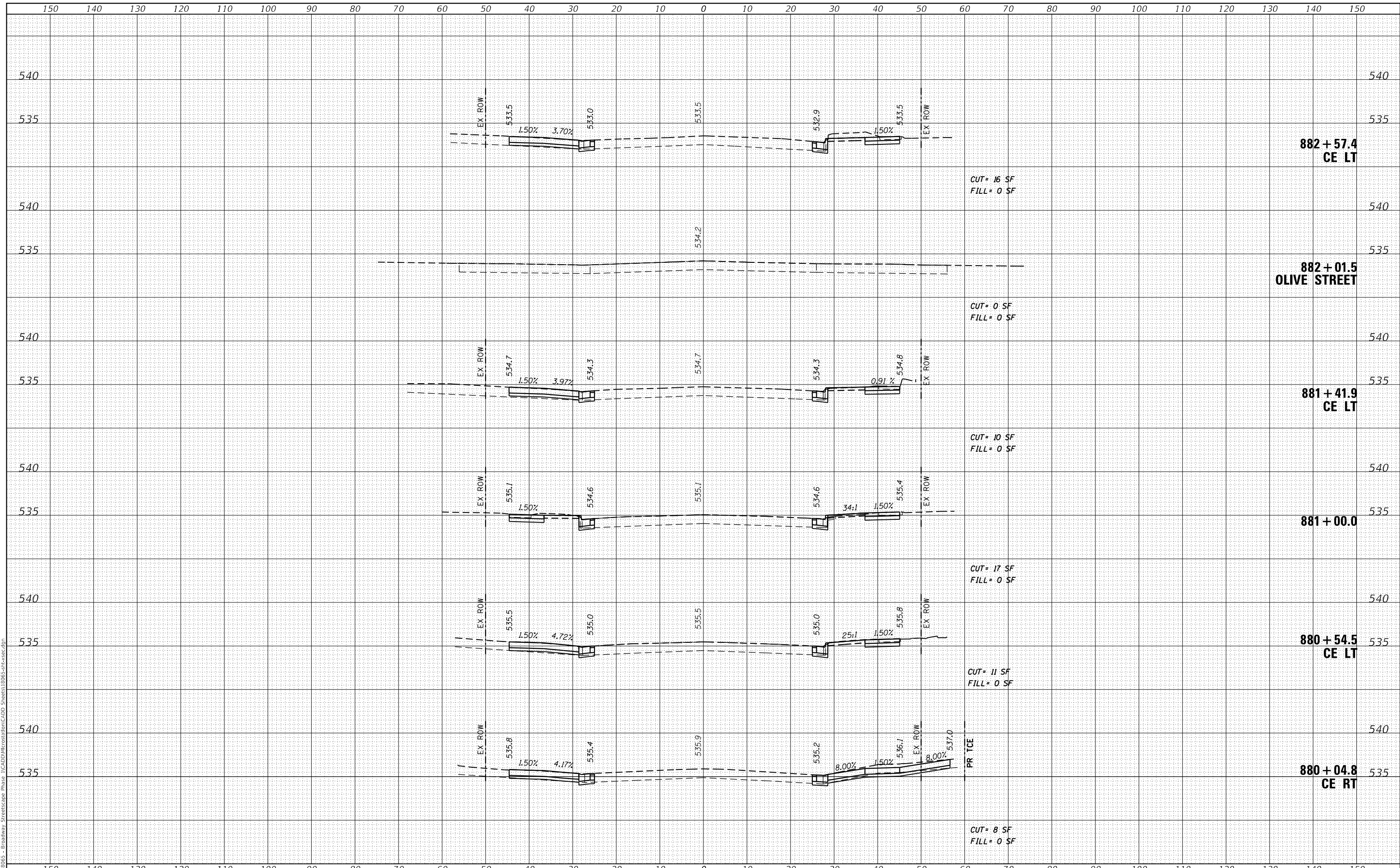
SCALE: NTS SHEET 7 OF 10 SHEETS STA. 877+50.0 TO STA. 879+93.40

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	59
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

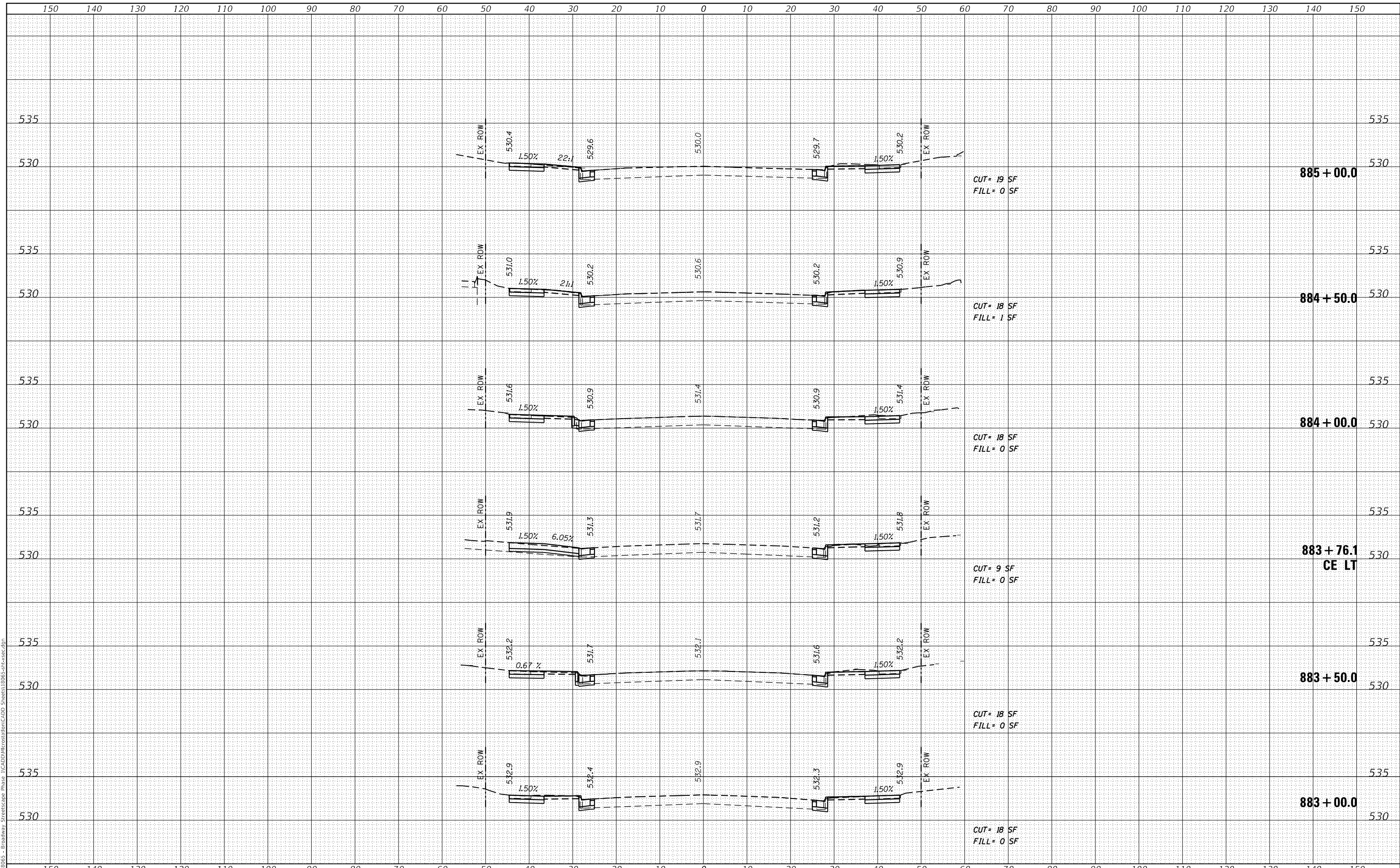
SCALE: NTS SHEET 8 OF 10 SHEETS STA. 880+04.29 TO STA. 882+57.35

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	60
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	

DATE	
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NOTE BOOK	PLOTTED
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	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

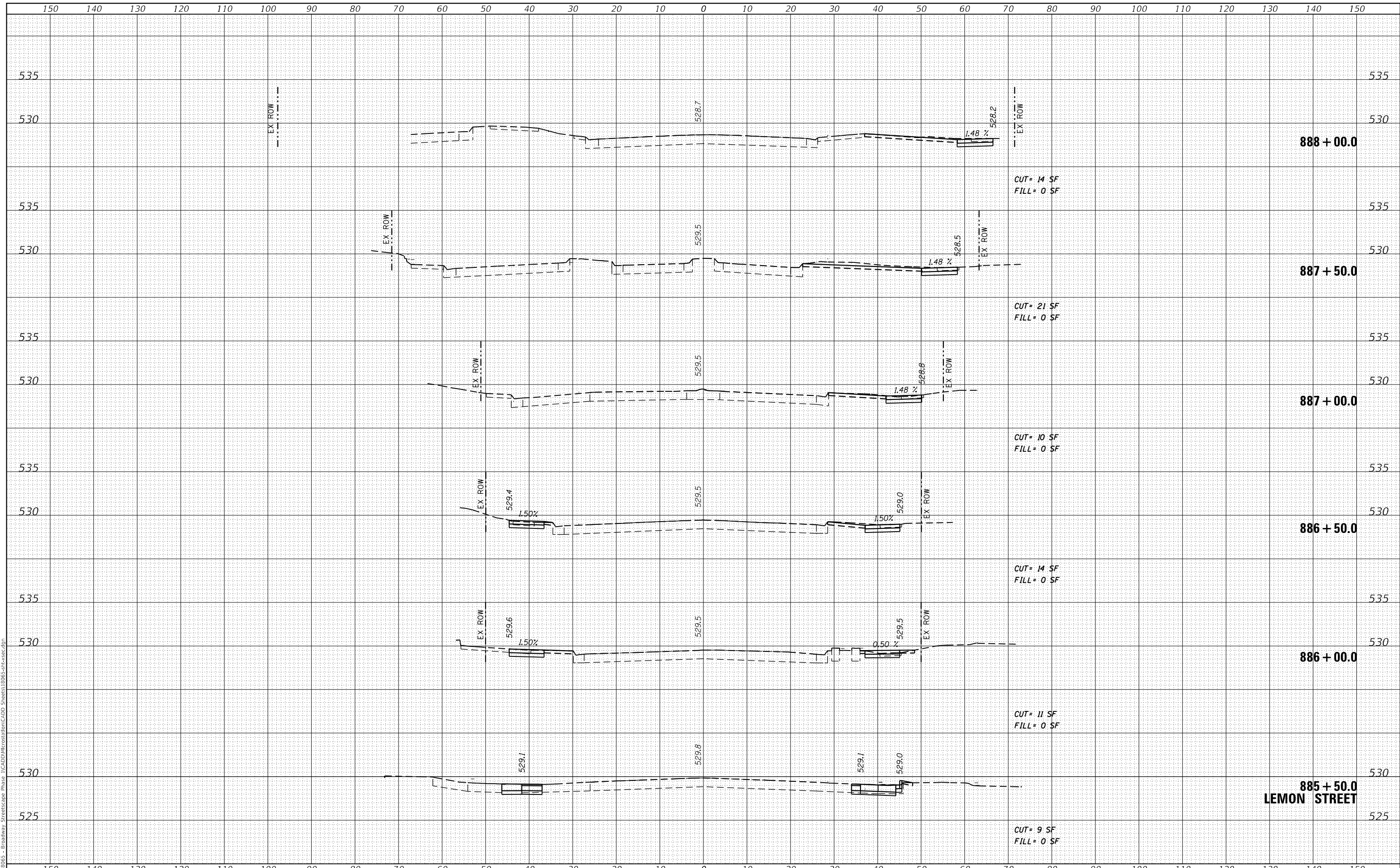
SCALE: NTS SHEET 9 OF 10 SHEETS STA. 883+00.0 TO STA. 885+00.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	61
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: NTS SHEET 10 OF 10 SHEETS STA. 885+50.0 TO STA. 888+00.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	18-00072-00-LS	MADISON	62	62
CITY OF HIGHLAND ILLINOIS FED. AID PROJECT			CONTRACT NO. 97735	