

06-13-2025 LETTING ITEM 180

INDEX OF SHEETS

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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
424001-12	PERP CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
606001-08	CONC CURB TY B AND CCC&G
701006-05	OFF RD OP, 2L, 2W, 15' TO EOP
701301-04	LANE CLOS., 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOS., 2L, 2W
701801-06	LANE CLOS., CROSSWALK CLOS.
701901-10	TRAFFIC CONTROL DEVICES
814001-03	HANDHOLES
821101-03	LUMINAIRE WIRING IN POLE
825011-04	LIGHTING CONTROLLER PED MOUNTED 240V
836001-05	LIGHT POLE FOUNDATION

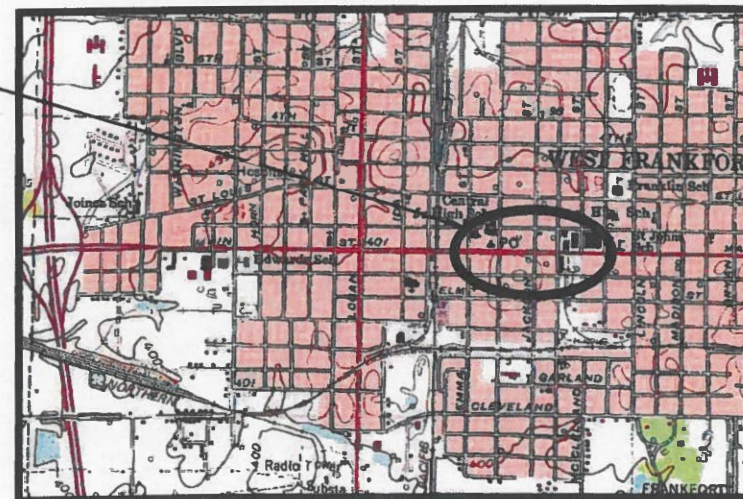
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF WEST FRANKFORT

PLANS FOR
DOWNTOWN STREETSCAPE
ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM

IL 149 (FAP 873)
FRANKLIN COUNTY
PROJECT NO. OXX2(877)
SECTION 18-00060-00-SW
JOB NO. C-99-002-23

PROPOSED
IMPROVEMENTS
JEFFERSON ST
TO MONROE ST



LOCATION MAP APPROXIMATE SCALE: 1" = 0.5 MI.
LENGTH OF IMPROVEMENT = 750 FEET (0.14 MILES)

SCALES: PLAN HORIZONTAL 

UTILITIES

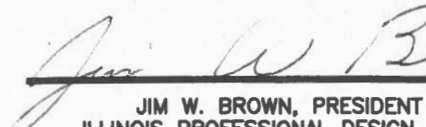
ALL EXISTING UTILITIES AND LOCATIONS TO BE
CONFIRMED BY J.U.L.I.E. 800-892-0123

CONTRACT NO. 99747

B.R.L. JOB NO. 20-196



BROWN AND ROBERTS, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
1 WESTRIDGE ROAD HARRISBURG, IL 62946 (618) 252-8111

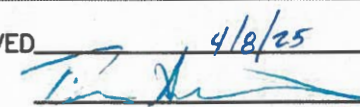

JIM W. BROWN, PRESIDENT
ILLINOIS PROFESSIONAL DESIGN FIRM
LAND SURVEY & PROF. ENG. CORP.
NUMBER 184-002518
EXPIRES APRIL 30, 2025
DATE: 4-8-25

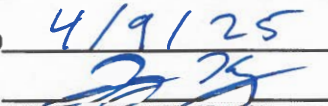


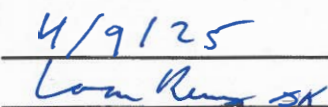
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 873	18-00060-00-SW	FRANKLIN	13	1
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. OXX2(877)		CONTRACT NO. 99747		



CITY OF WEST FRANKFORT

APPROVED 4/8/25

MAYOR, CITY OF WEST FRANKFORT

PASSED 4/9/25

DISTRICT 9 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW 4/9/25

DEPUTY DIRECTOR OF HIGHWAYS,
REGION FIVE ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 873	18-00060-00-SW	FRANKLIN	13	2
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. 0XX2(877)		CONTRACT NO. 99747		
SUMMARY OF QUANTITIES				

SUMMARY OF QUANTITIES

			FUNDING	80% FED / 20% CITY	50% FED / 50% CITY
ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	SIDEWALKS	LIGHTING
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	122	122	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1067	1067	
42400800	DETECTABLE WARNINGS	SQ FT	56	56	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	122	122	
44000600	SIDEWALK REMOVAL	SQ FT	15432	15432	
50900805	PEDESTRIAN RAILING	FOOT	104	104	
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	11.6	11.6	
60600605	CONCRETE CURB, TYPE B	FOOT	380	380	
67100100	MOBILIZATION	L SUM	1	1	
# 72000100	SIGN PANEL - TYPE 1	SQ FT	25.5	25.5	
# 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1
# 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1612		1612

SPECIALTY ITEM

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 873	18-00060-00-SW	FRANKLIN	13	3
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. OXX2(877)		CONTRACT NO. 99747		
SUMMARY OF QUANTITIES				

SUMMARY OF QUANTITIES (CONTINUED)

			FUNDING	80% FED / 20% CITY	50% FED / 50% CITY
ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	SIDEWALKS	LIGHTING
# 81400100	HANDHOLE	EACH	8		8
# 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	21605		21605
# 82500335	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 100AMP	EACH	1		1
# 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	156		156
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	SQ FT	14320	14320	
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	1352	1352	
X6010302	TRENCH DRAIN	FOOT	40	40	
X6026624	VALVE BOXES TO BE ADJUSTED (SPECIAL)	EACH	3	3	
X6026634	METER VAULTS TO BE ADJUSTED	EACH	18	18	
# X8300001	LIGHT POLE (SPECIAL)	EACH	26		26
# Z0042500	POST (SPECIAL)	EACH	6	6	

SPECIALTY ITEM

SIDEWALK SCHEDULE							
LOCATION	SIDEWALK REMOVAL	PCC SIDEWALK 4 INCH	PCC SIDEWALK 4 INCH (SPECIAL)	DETECTABLE WARNINGS	TRENCH DRAIN	METER VAULTS TO BE ADJ	VALVE BOXES TO BE ADJ (SPECIAL)
	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(FT)	(EACH)	(EACH)
STA 8+81 LT TO STA 9+24 LT	203		316				
STA 8+82 RT TO STA 13+07 RT	4856		4750	12		3	
STA 9+03 RT TO STA 9+10 RT	30	35					
STA 9+44 LT TO STA 10+87 LT	1622		1622			2	
STA 9+65 RT TO STA 9+71 RT	59	68					
STA 10+26 RT TO STA 10+33 RT	79	92					
STA 10+57 RT					14		
STA 11+05 LT TO STA 11+67 LT	730		730				
STA 11+95 RT					14		
STA 12+04 LT TO STA 13+08 LT	1252		1221			1	3
STA 12+15 RT TO STA 12+27 RT	305	305					
STA 12+22 RT TO STA 12+32 RT	290	290				2	
STA 13+50 LT TO STA 13+59 LT	231	231					
STA 13+51 RT TO STA 16+12 RT	3024		2967	44		6	
STA 13+56 RT TO STA 13+61 RT	37	46					
STA 13+60 LT TO STA 15+70 LT	2412		2412			4	
STA 14+85 RT					12		
STA 15+84 LT TO STA 16+09 LT	302		302				
TOTALS	15432	1067	14320	56	40	18	3

CURB AND GUTTER SCHEDULE		
LOCATION	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET (FT)	CONCRETE CURB, TYPE B (FT)
STA 8+81.49 LT TO STA 13+07.06 LT	426	
STA 8+81.64 RT TO STA 9+03.64 RT		22
STA 8+82.14 RT TO STA 13+07.23 RT	426	
STA 9+09.63 RT TO STA 9+65.08 RT		56
STA 9+71.00 RT TO STA 10+26.58 RT		56
STA 10+32.36 RT TO STA 10+72.04 RT		40
STA 11+84.01 RT TO STA 12+10.84 RT		30
STA 12+46.69 LT TO STA 13+07.70 LT		62
STA 13+60.36 RT TO STA 13+93.24 RT		33
STA 13+60.48 RT TO STA 16+12.20 RT	252	
STA 13+61.38 LT TO STA 16+08.73 LT	248	
STA 14+09.79 RT TO STA 14+70.77 RT		61
STA 15+24.67 RT TO STA 15+44.08 RT		20
TOTALS	1352	380

SIGNING SCHEDULE						
LOCATION	SIGN PANEL - TYPE 1	POST (SPECIAL)	MUTCD #	SIZE	SHAPE	REMARKS
	(SQ FT)	(EACH)				
STA 10+00 RT	5.00	1	R2-1	24"x30"	RECTANGLE	SPEED LIMIT 20
STA 10+63 LT	1.50	1	R-7	12"x18"	RECTANGLE	TWO HOUR PARKING
STA 12+41 LT	1.50	1	R-7	12"x18"	RECTANGLE	NO PARKING 2AM TO 6AM
STA 12+70 LT	2.00	1	M3-3	24"x12"	RECTANGLE	WEST
STA 12+70 LT	4.00		M1-5	24"x24"	SQUARE	ILLINOIS 149
STA 14+30 LT	1.50	1	R-7	12"x18"	RECTANGLE	NO PARKING 2AM TO 6AM
STA 15+65 LT	5.00	1	R2-1	24"x30"	RECTANGLE	SPEED LIMIT 20
STA 15+65 LT	5.00		S5-2	24"x30"	RECTANGLE	END SCHOOL ZONE
TOTALS	25.50	6				

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 873	18-00060-00-SW	FRANKLIN	13	4
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. 0XX2(877)		CONTRACT NO. 99747		
SCHEDULES				

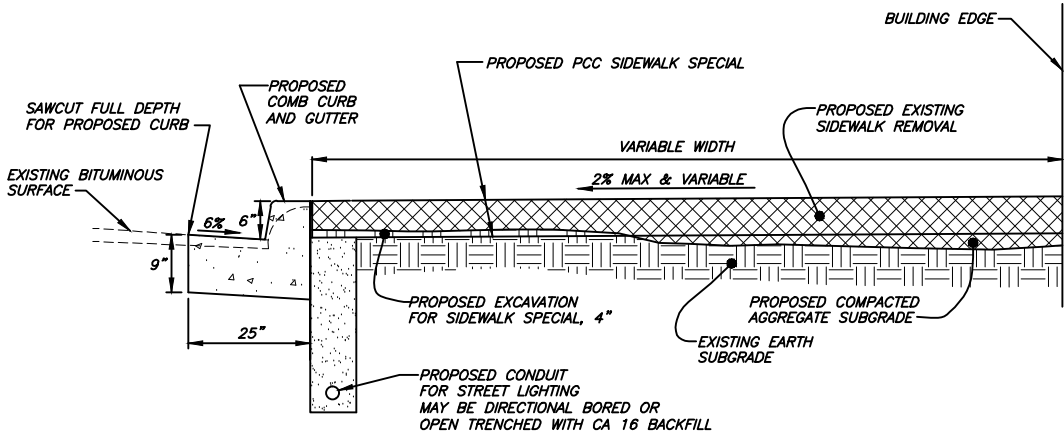
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 873	18-00060-00-SW	FRANKLIN	13	5
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. 0XX2(877)		CONTRACT NO. 99747		
SCHEDULES				

CONCRETE STRUCTURES RETAINING WALL SCHEDULE		
LOCATION	CONCRETE STRUCTURES (RETAINING WALL)	PEDESTRIAN RAILING
	(CU YD)	(FT)
STA 10+60 RT TO STA 10+97 RT	2.3	37
STA 12+11 RT TO STA 12+15 RT (STAIRS)	2.0	
STA 12+11 RT TO STA 12+27 RT	7.3	67
TOTALS	11.6	104

ENTRANCE SCHEDULE		
LOCATION	PCC DRIVEWAY PAVEMENT, 6 INCH	DRIVEWAY PAVEMENT REMOVAL
	(SQ YD)	(SQ YD)
STA 9+23 LT TO STA 9+45 LT	20.6	20.6
STA 10+87 LT TO STA 11+06 LT	26.9	26.9
STA 11+66 LT TO STA 12+05 LT	53.8	53.8
STA 15+70 LT TO STA 15+85 LT	20.7	20.7
TOTALS	122	122

LIGHTING SCHEDULE							
LOCATION		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8				UNDERGRD CONDUIT	HANDHOLE
		A	B	C	D		
FROM	TO	(FT)	(FT)	(FT)	(FT)	(FT)	(EA)
CONTR. - STA 13+52 LT	NL5 - STA 13+66 LT	702	1782			40	1
NL5 - STA 13+66 LT	NL4 - STA 14+25 LT		770			60	
NL4 - STA 14+25 LT	NL3 - STA 14+83 LT		781			61	1
NL3 - STA 14+83 LT	NL2 - STA 15+46 LT				539	67	
NL2 - STA 15+46 LT	NL1 - STA 16+05 LT				490	60	
NL5 - STA 13+66 LT	NL6 - STA 13+04 LT		792			62	
NL6 - STA 13+04 LT	NL7 - STA 12+55 LT		693			53	1
NL7 - STA 12+55 LT	NL8 - STA 12+08 LT		660			50	
NL8 - STA 12+08 LT	NL9 - STA 11+41 LT		869			69	
NL9 - STA 11+41 LT	NL10 - STA 10+80 LT		825			65	1
NL10 - STA 10+80 LT	NL11 - STA 10+15 LT				546	68	
NL11 - STA 10+15 LT	NL12 - STA 9+51 LT				539	67	
NL12 - STA 9+51 LT	NL13 - STA 8+84 LT				560	70	
NL5 - STA 13+66 LT	SL5 - STA 13+62 RT	1001	847			67	1
SL5 - STA 13+62 RT	SL4 - STA 14+27 RT		847			67	
SL4 - STA 14+27 RT	SL3 - STA 14+82 RT		748			58	1
SL3 - STA 14+82 RT	SL2 - STA 15+48 RT				553	69	
SL2 - STA 15+48 RT	SL1 - STA 16+06 RT				490	60	
SL5 - STA 13+62 RT	SL6 - STA 13+03 RT	949				63	
SL6 - STA 13+03 RT	SL7 - STA 12+56 RT	780				50	1
SL7 - STA 12+56 RT	SL8 - STA 12+03 RT	858				56	
SL8 - STA 12+03 RT	SL9 - STA 11+43 RT	936				62	
SL9 - STA 11+43 RT	SL10 - STA 10+87 RT	897				59	1
SL10 - STA 10+87 RT	SL11 - STA 10+16 RT			765		75	
SL11 - STA 10+16 RT	SL12 - STA 9+49 RT			720		70	
SL12 - STA 9+49 RT	SL13 - STA 8+87 RT			666		64	
SUBTOTALS		6123	9614	2151	3717		
TOTALS		21605				1612	8

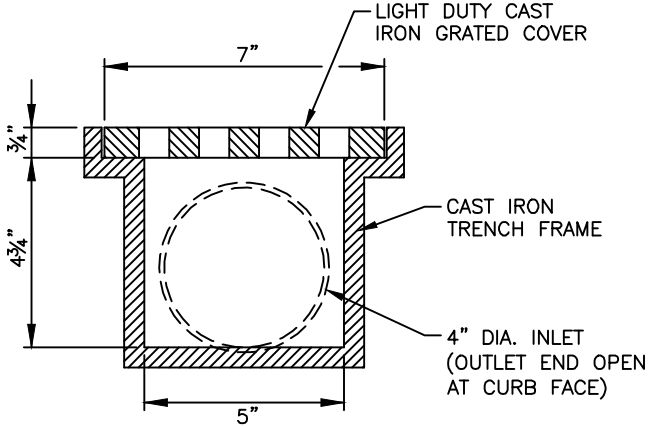
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FAP 873	18-00060-00-SW	FRANKLIN	13	6
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. 0XX2(877)		CONTRACT NO. 99747		
TYPICAL SECTIONS				



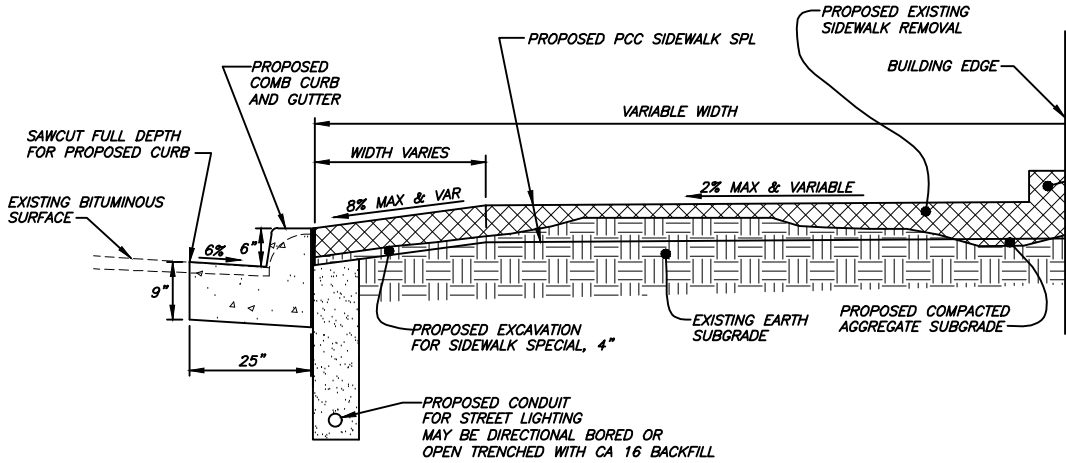
TYPICAL SECTION
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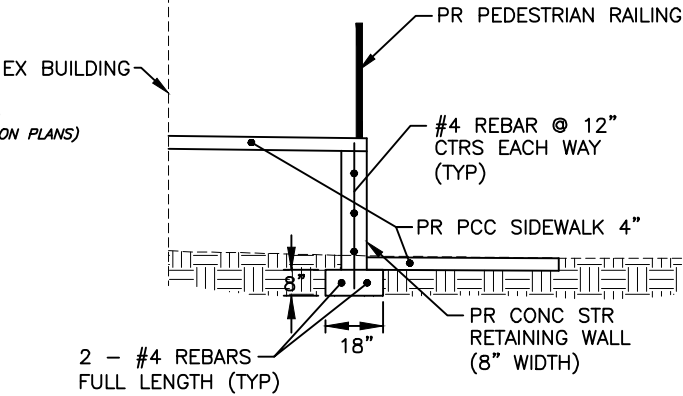
TYPICAL PATTERN
PROPOSED SIDEWALK SPECIAL
NO SCALE



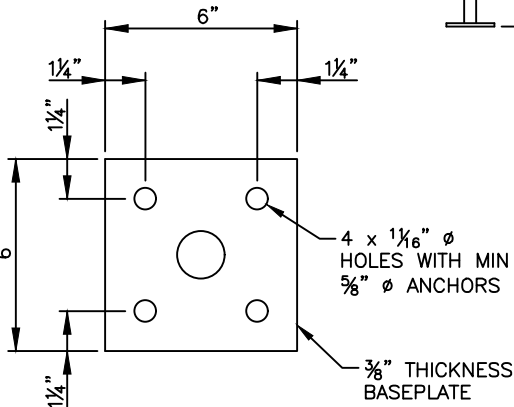
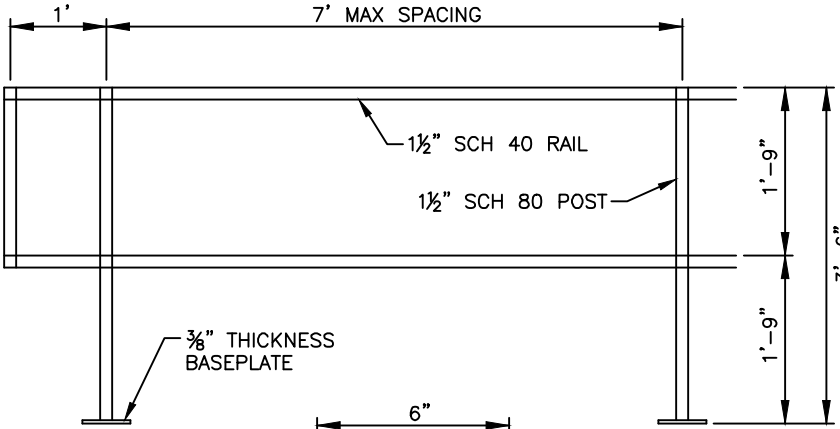
TYPICAL DETAIL
TRENCH DRAIN
NO SCALE



TYPICAL SECTION
STATION 8+82 RT TO 10+82 RT
STATION 13+85 RT TO 14+18 RT
STATION 14+63 RT TO 15+64 RT
STATION 8+82 LT TO 9+80 LT
NO SCALE

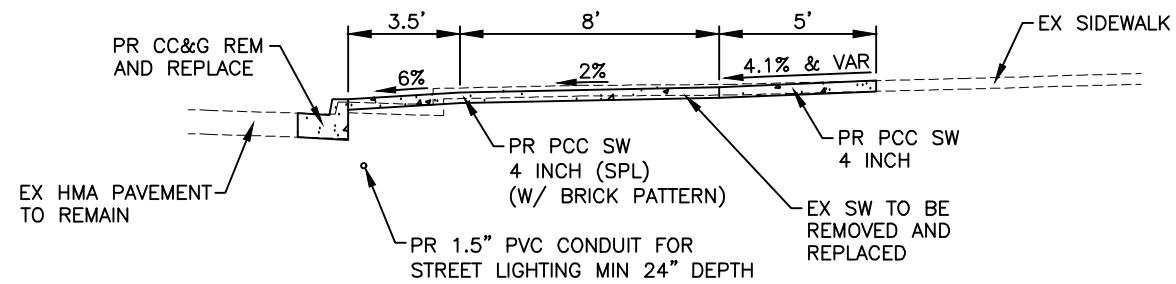


TYPICAL SECTION
ADA RAMP
STATION 12+11 RT TO 12+27 RT
STATION 10+77 RT
NO SCALE

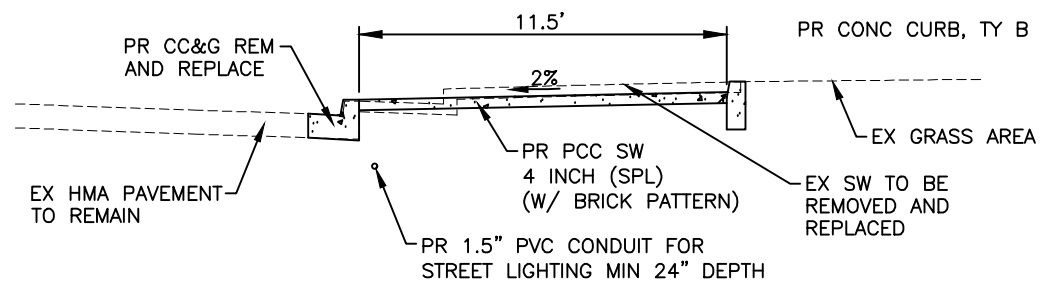


PEDESTRIAN
RAILING DETAIL
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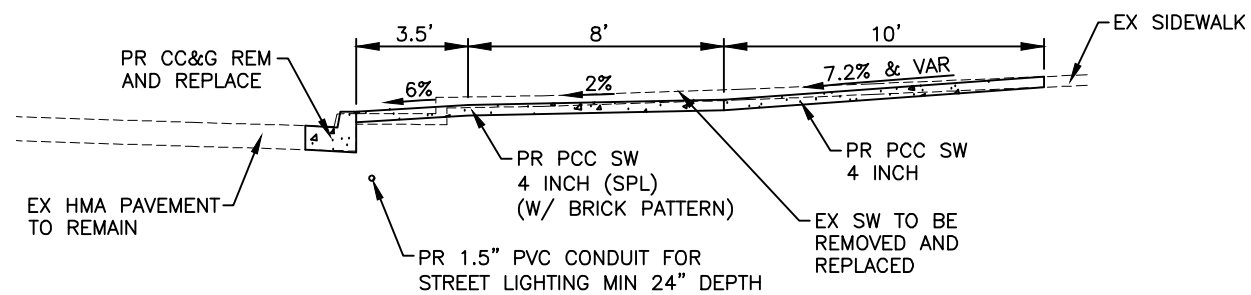
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FAP 873	18-00060-00-SW	FRANKLIN	13	7
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. 0XX2(877)		CONTRACT NO. 99747		
SECTIONS DETAILS				



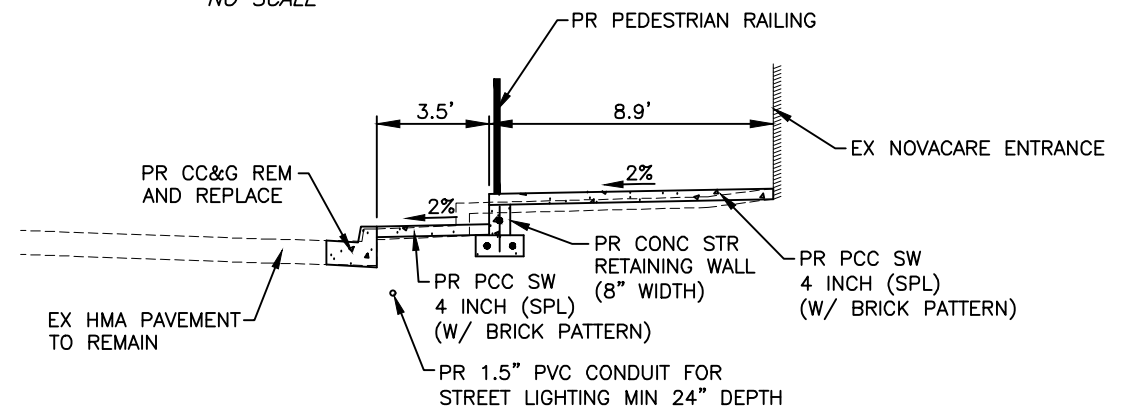
SECTION A-A
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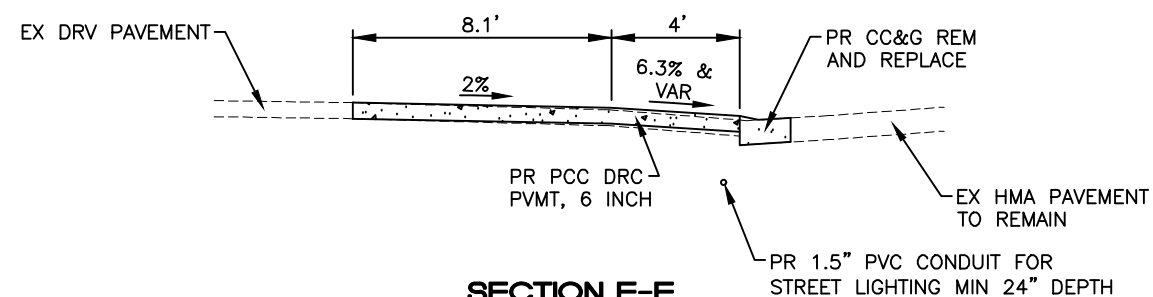
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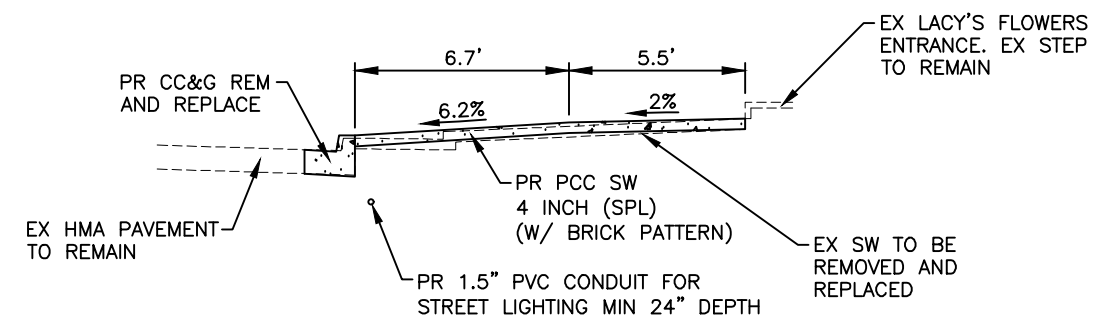
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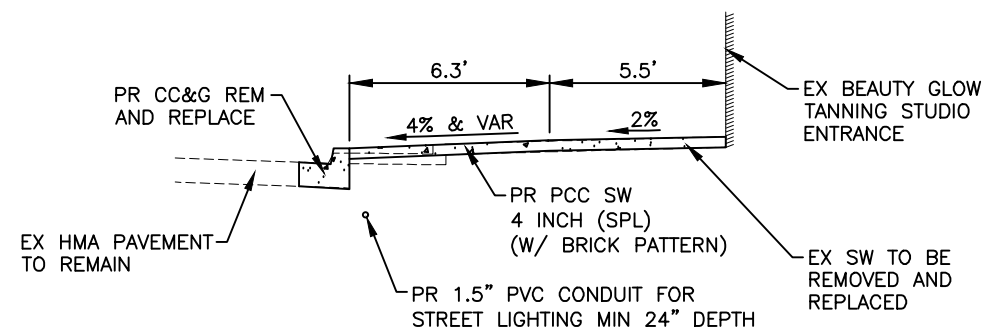
SECTION D-D
NO SCALE



SECTION E-E
NO SCALE

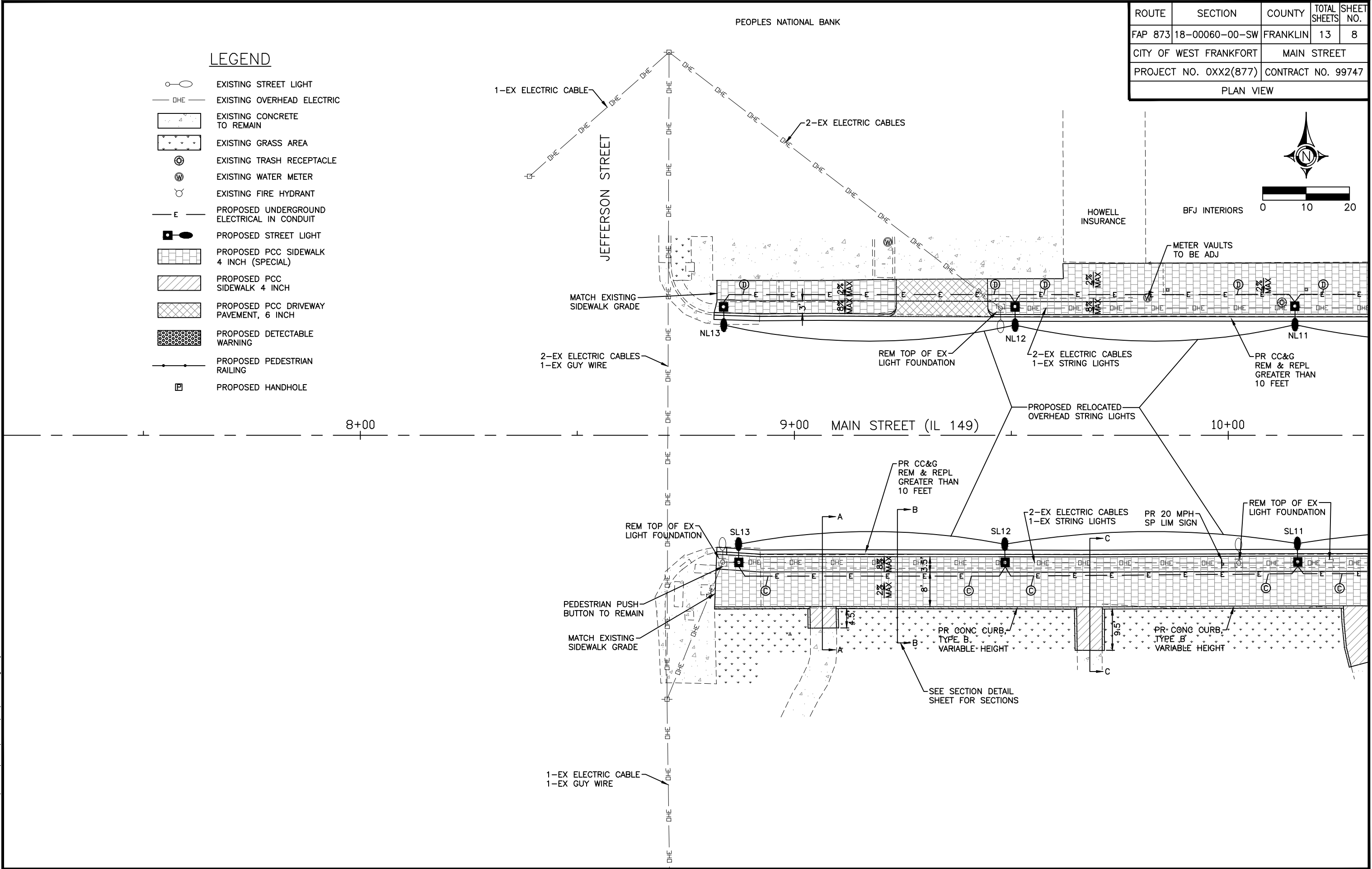


SECTION F-F
NO SCALE

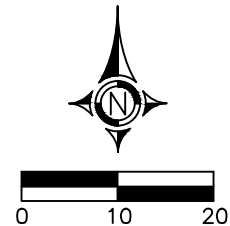
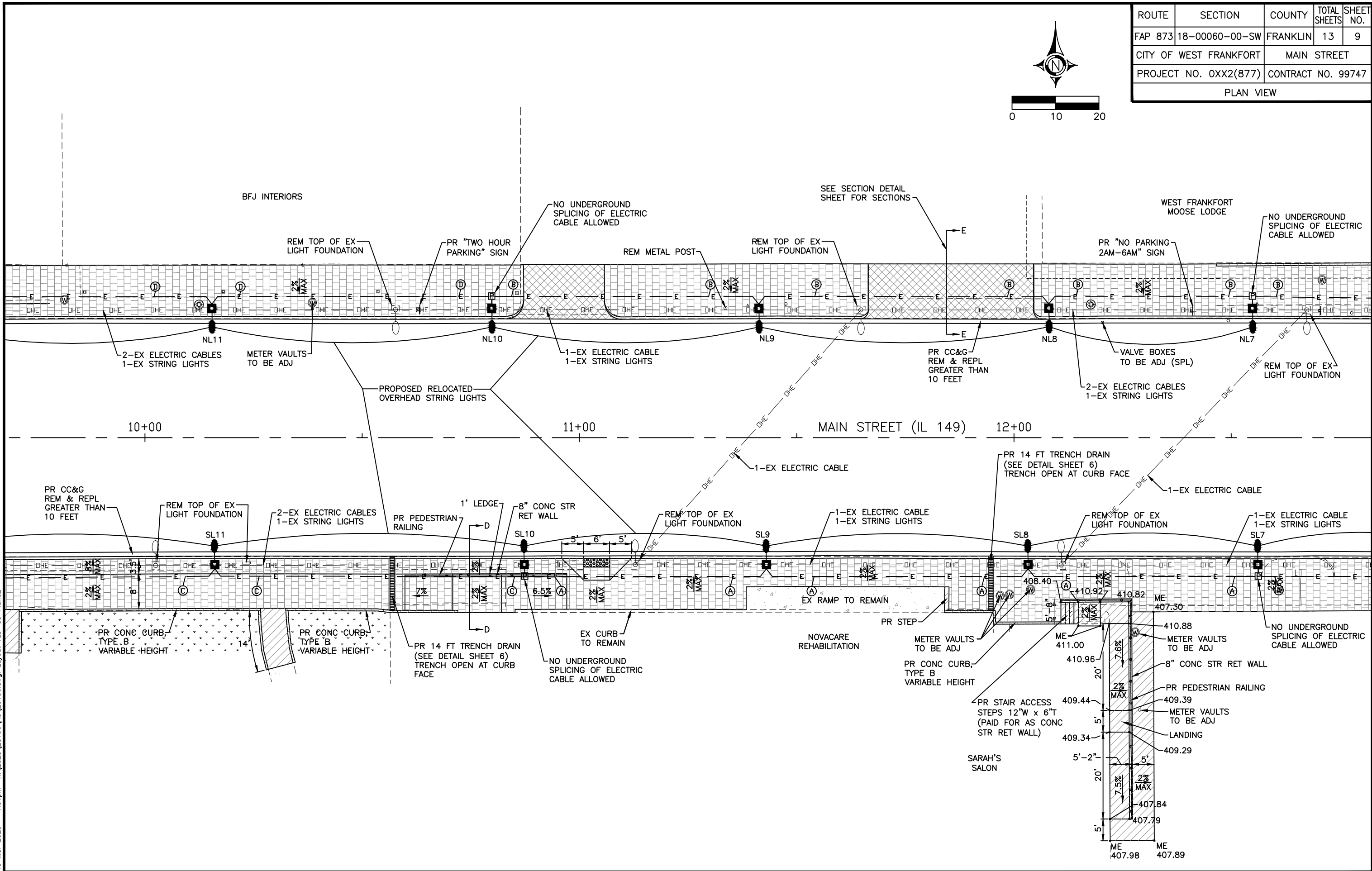


SECTION G-G
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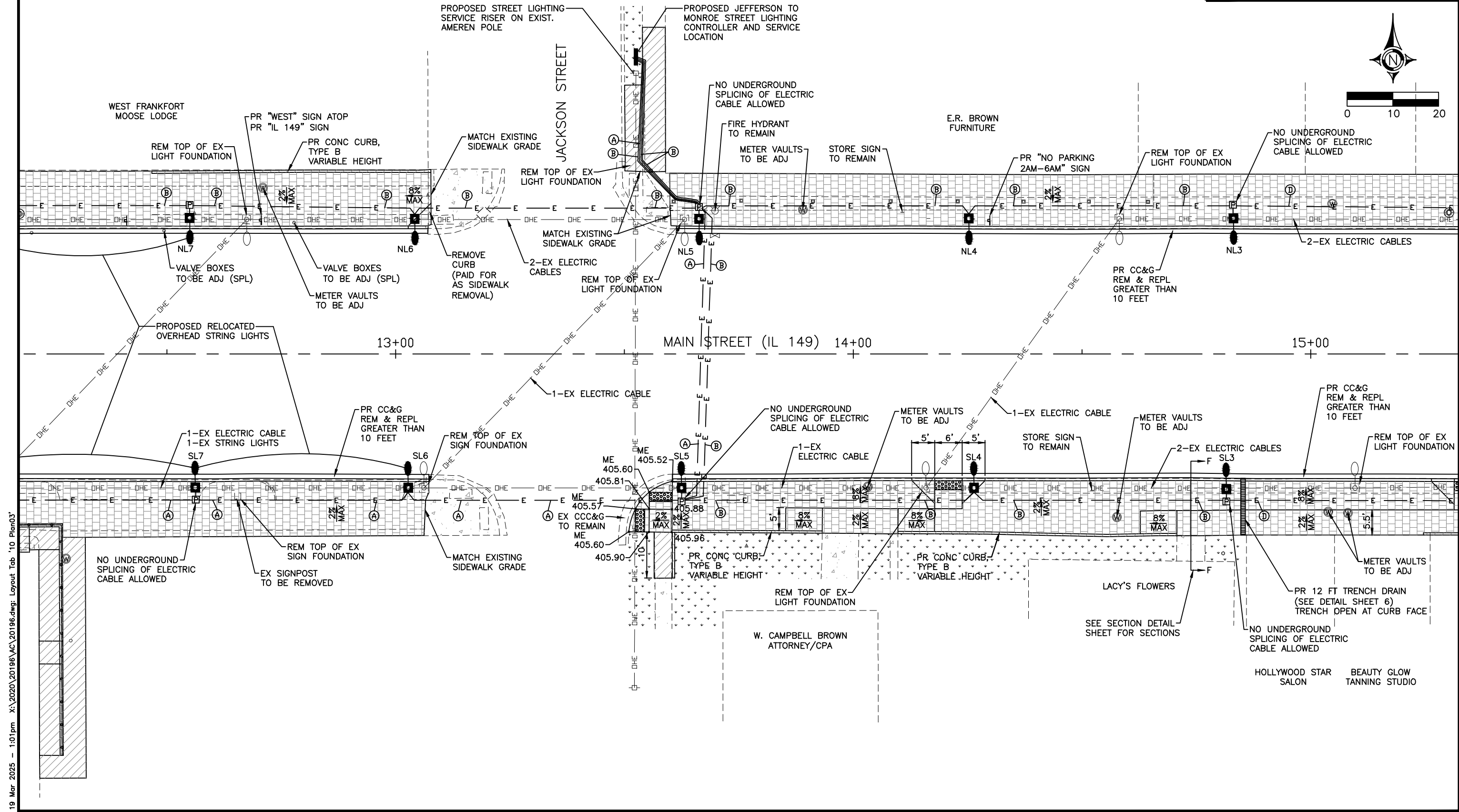


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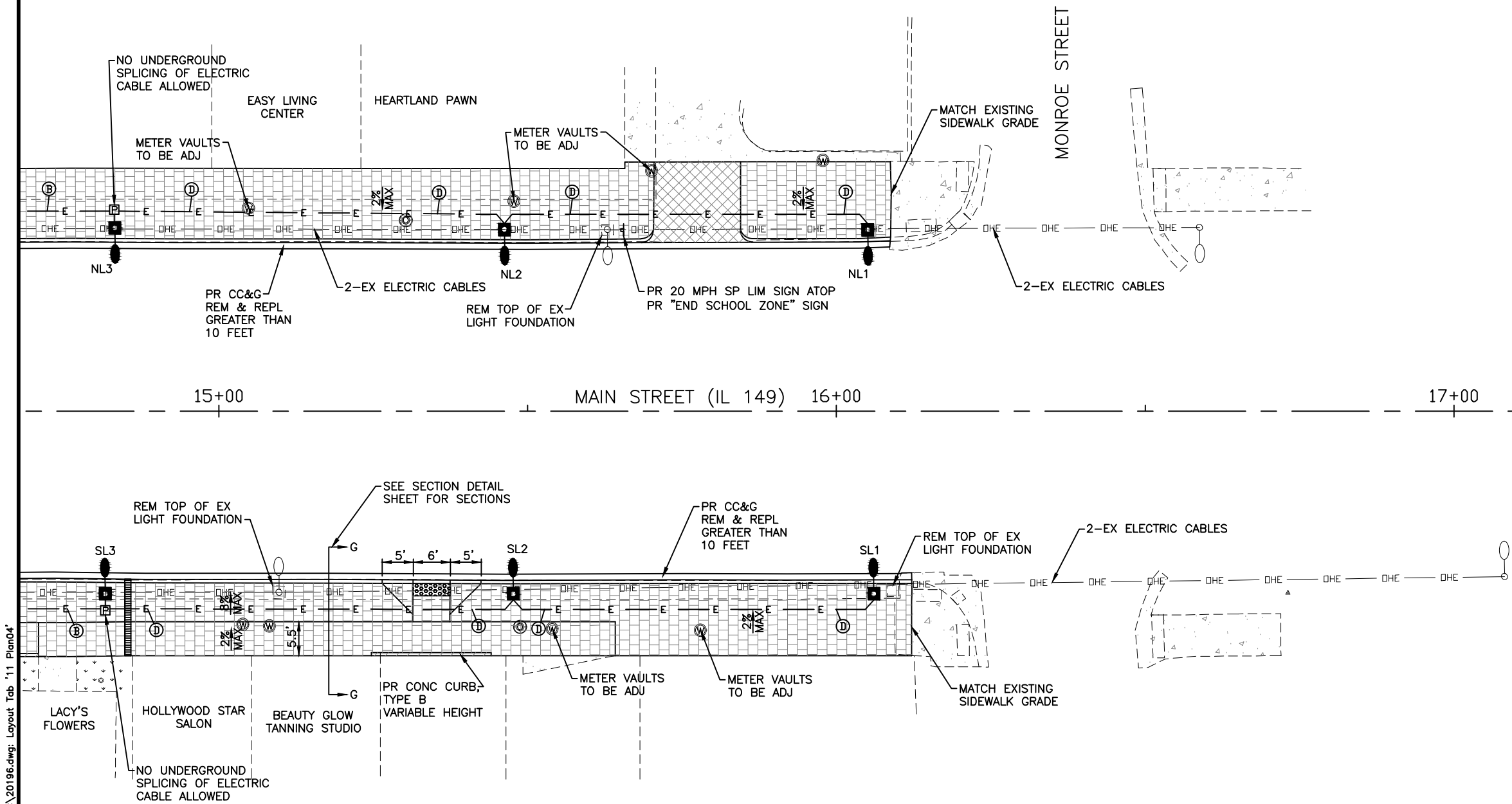
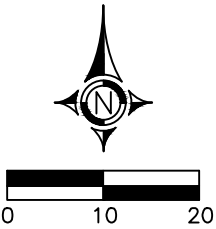
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 873	18--00060--00--SW	FRANKLIN	13	9
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. 0XX2(877)		CONTRACT NO. 99747		
PLAN VIEW				

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 873	18-00060-00-SW	FRANKLIN	13	10
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. OXX2(877)		CONTRACT NO. 99747		
PLAN VIEW				



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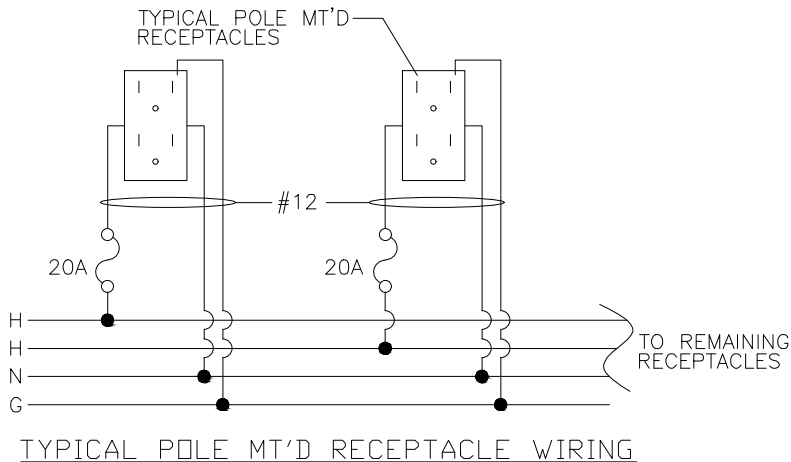
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 873	18-00060-00-SW	FRANKLIN	13	11
CITY OF WEST FRANKFORT		MAIN STREET		
PROJECT NO. 0XX2(877)		CONTRACT NO. 99747		
PLAN VIEW				



19 Mar 2025 - 1:04pm x:\2020\20196\AC\20196.dwg: Layout Tab '13 Electrical Details 2'

GENERAL ELECTRICAL SPECIFICATIONS & NOTES

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, FEES, INSPECTIONS, ETC. REQUIRED FOR THE PERFORMANCE OF THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH AMEREN FOR ALL WORK RELATED WITH THIS PROJECT. THIS COST OF THIS ITEM SHALL BE INCIDENTAL TO THE COST OF PROJECT SERVICE, PAY ITEM 80400100.
- THE ELECTRICAL SYSTEM AND SERVICE SHALL BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, STATE AND LOCAL CODES.
- PANEL-A SHALL BE 120/240V, 100AMP, 1 PHASE, NEMA 4X STAINLESS STEEL ENCLOSURE WITH PADLOCKABLE DOOR. SQUARE D, EATON, SIEMENS, OR EQUAL.
- EACH LIGHTING POLE SHALL BE GROUNDED WITH #8 SOLID COPPER CONDUCTOR TO 5/8" X 8'0" GROUND ROD. THIS SHALL BE INCIDENTAL TO PAY ITEM FOR EACH POLE.
- EACH LIGHTING POLE BASE SHALL HAVE FUSE HOLDERS & FUSES FOR LIGHTING & RECEPTACLES LOCATED INSIDE HAND HOLE AT POLE BASE. SURGE ARRESTERS (1 PER PHASE) MOUNTED IN THE BASE OF THE POLE SHALL ALSO BE PROVIDED.
- THE CITY WILL REMOVE EXISTING "STRING" LIGHTS BOTH SIDES OF MAIN STREET BETWEEN JEFFERSON AND JACKSON AND REINSTALL AT TOP OF PROPOSED STREET LIGHTING POLES UTILIZING RECEPTACLES NEAR POLE TOP FOR POWER.
- WIRING FROM POLE BASE TO LIGHTING FIXTURE AND RECEPTACLES MAY BE #12 AWG, STRANDED OR SOLID.
- HAND HOLES AT POLE NL5 & SL5 SHALL BE 24" X 36" X 30" DEEP OPEN BOTTOM (MINIMUM); HAND HOLES AT OTHER LOCATIONS TO BE 24" X 24" X 30" DEEP OPEN BOTTOM, COMPLETE WITH COVERS WITH WORD "ELECTRICAL" IN COVER. HAND HOLES AND COVERS SHALL BE ANSI TIER 22 RATED. HUBBELL, QUAZITE OR EQUAL.



LIGHTING FIXTURE				
MANUFACTURE	CATALOG NUMBER	LED PERFORMANCE PACKAGE	WATTAGE/VOLTS/PHASE	MOUNTING
SUN VALLEY	TCL18-FP-PLED-III-W-36-700mA-40K-UNV-PT27-9005T-NL-DF	8431 NOMINAL LUMENS	79.2/240/1	18' ALUMINUM POLE, INCLUDING BASE SEE DETAIL BELOW
NOTES: MOUNTING BOLTS, RECEPTACLES & ALL ACCESSORIES SHALL BE FURNISHED WITH LIGHTING FIXTURES & POLES. LIGHTING FIXTURES & POLES SHALL BE U.S. LIGHTING, SUN VALLEY, ACUITY BRANDS, COOPER, OR APPROVED EQUAL. RECEPTACLES SHALL BE RATED 20 AMPS, 125 VAC. RECEPTACLES SHALL HAVE "WHILE IN USE" WEATHERPROOF COVERS.				

