

06-11-2021 LETTING ITEM 249

# CITY OF ELDORADO

Set No.

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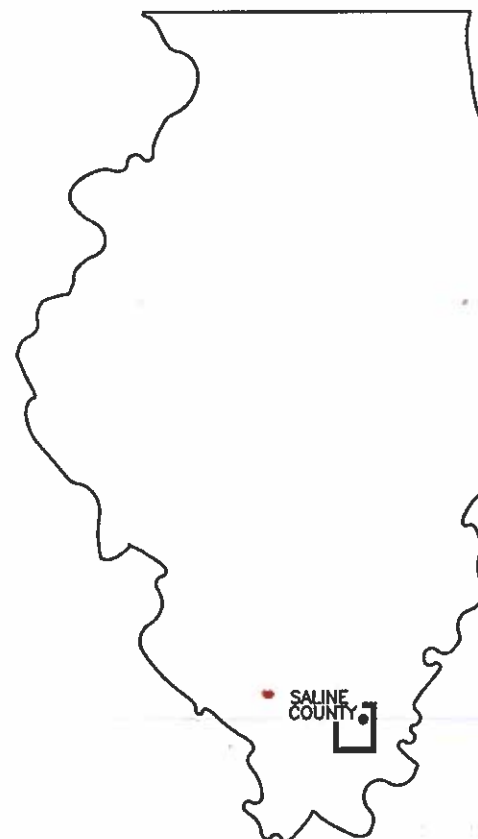
PLANS FOR

## ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM

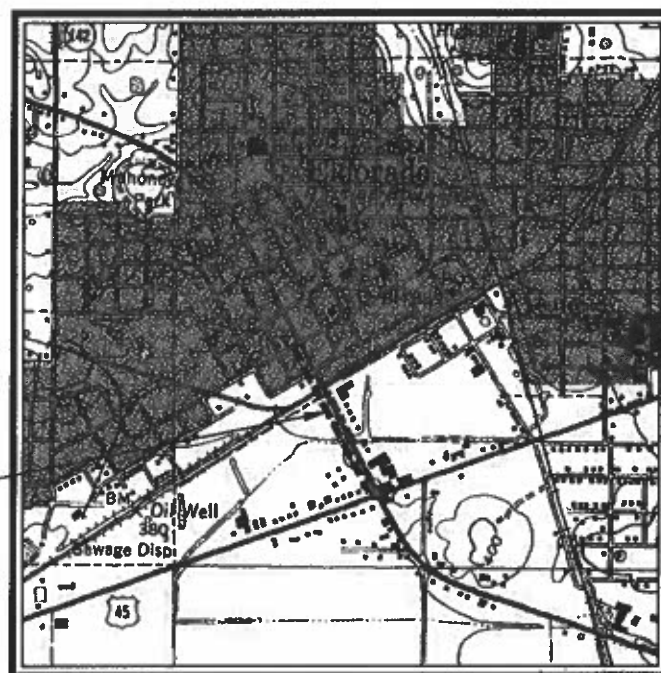
JOB NO. C-99-519-17  
 PROJECT NO. FNJ5(052)  
 SECTION 17-00039-00-SW

## STANDARDS

- 000001-08 STD SYMB ABBR AND PATTERNS
- 424001-11 PERPENDICULAR CURB RAMPS
- 424026-03 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
- 424031-02 MEDIAN PEDESTRIAN CROSSINGS
- 542401-04 METAL FLARED END SECTIONS FOR PIPE CULVERTS
- 602301-04 INLET TYPE A
- 606001-07 CONCRETE CURB TYPE B
- 701001-02 OFF RD OP 2L2W 15 FT MIN
- 701006-05 OFF RD OP 2L2W 15 FT TO EOP
- 701011-04 OFF RD MOVING OP 2L2W DAY ONLY
- 70101-05 OFF RD OP MULTILANE < 15 FT TO EOP
- 70106-02 OFF RD OP MULTILANE MORE THAN 15 FT AWAY
- 701201-05 LN CLOSURE 2L2W DAY > 45MPH
- 701301-04 LN CLOSURE 2L2W SHORT TIME OP
- 701421-08 LN CLOSURE MULTI LN DAY OP ONLY 45 TO 55
- 701501-06 URBAN LN CLOSURE 2L2W UNDIVIDED
- 701701-10 URBAN LANE CLOSURE MULTI LN INTERSECTION
- 701801-06 SIDEWALK CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 857001-01 STD PHASE DES DIAGRAMS AND PHASE SEQ
- 873001-02 TRAF SIGNAL GROUND AND BOND
- 880006-01 TRAF SIGNAL MOUNT DET POST AND BRACK MT
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYP LAYOUTS FOR DETECTION LOOPS



PROPOSED IMPROVEMENTS



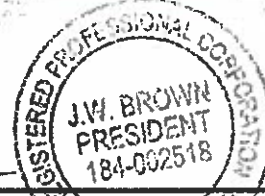
CONTRACT NO. 99663

LOCATION MAP NO SCALE  
 LENGTH OF IMPROVEMENT = 2419 FEET (0.46 MILES)

### Mayor and City Council

- Rocky James**  
Mayor
- Janice Rash**  
Commissioner
- Tim McGrath**  
Commissioner
- Stacy James**  
City Clerk
- Tom Hosman**  
Commissioner
- Pandy Minor**  
Treasurer
- Jeff Minor**  
Commissioner

*Jim W. Brown*  
 Jim W. Brown as President of Brown and Roberts, Inc.  
 Illinois Professional Design Firm  
 Land Survey & Professional Engineering Corporation  
 Number 184-002518  
 Expires April 30, 2021  
 Date: 3/8/2021



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

### B.R.I. JOB NO. 16-081



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

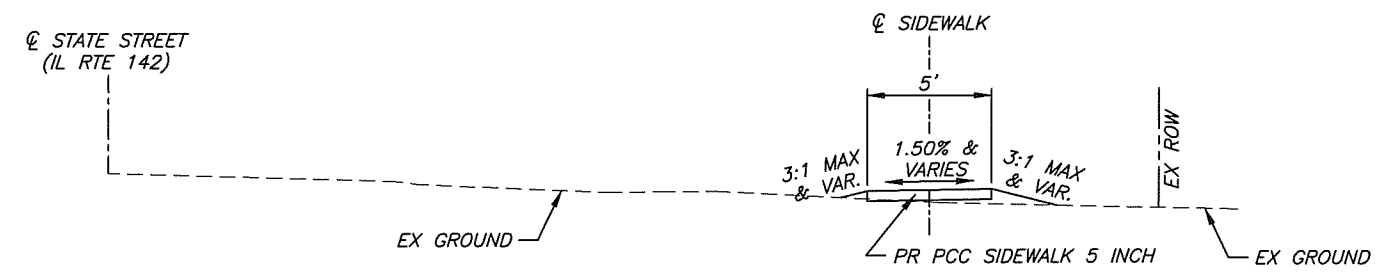
<b>CITY OF ELDORADO</b>	
APPROVED	<u>3/8/2021</u> <i>Rocky D. James</i> MAYOR, CITY OF ELDORADO
PASSED	<u>3-10-21</u> <i>Dave J. ...</i> DISTRICT ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<u>03-10-21</u> <i>Keith Roberts</i> KEITH ROBERTS, P.E. ACTING REGION FIVE ENGINEER

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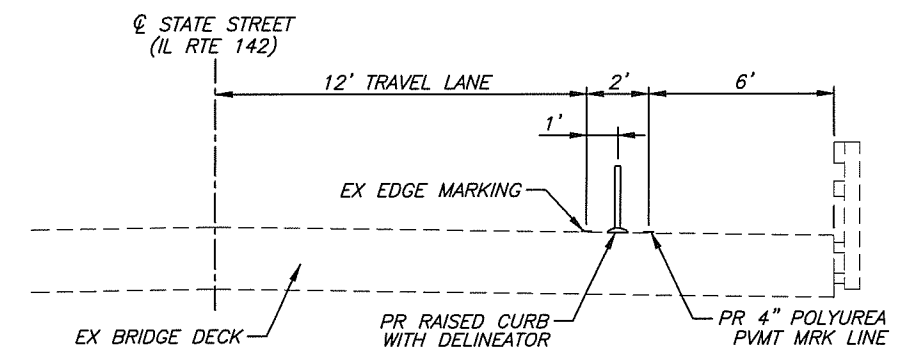
STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	2

SUMMARY OF QUANTITIES			
ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
X2500900	SEEDING, CLASS 1 (SPECIAL)	ACRE	0.3
X4400220	CURB REMOVAL AND REPLACEMENT	FOOT	242
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	325
X6026634	METER VAULTS TO BE ADJUSTED	EACH	3
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
△ X8140115	HANDHOLE TO BE ADJUSTED	EACH	2
△ X8850106	INDUCTIVE LOOP DETECTOR, RACK MOUNTED	EACH	16
△ X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
Xx009471	RAISED CURB WITH DELINEATORS	EACH	18
20200100	EARTH EXCAVATION	CU YD	120
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	281
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8300
42400800	DETECTABLE WARNINGS	SQ FT	200
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	212
44000600	SIDEWALK REMOVAL	SQ FT	3776
542C0217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	4
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	7
55100500	STORM SEWER REMOVAL 12"	FOOT	4
56109210	WATER VALVES TO BE ADJUSTED	EACH	1
60238800	INLETS, TYPE A	EACH	1
60500060	REMOVING INLETS	EACH	1
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	325
△ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	50
△ 66900530	SOIL DISPOSAL ANALYSIS	EACH	3
△ 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
△ 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
△ 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	8
67100100	MOBILIZATION	L SUM	1
△ 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	330
△ 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	726
△ 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	86
△ 80300100	LOCATING UNDERGROUND CABLE	FOOT	560
△ 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	278
△ 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
△ 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
△ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1035
△ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	513
△ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	269
△ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	752
△ 88102810	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	2
△ 88102830	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED	EACH	1
△ 88600100	DETECTOR LOOP, TYPE I	FOOT	713
△ 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4

△ SPECIALTY ITEMS



**TYPICAL SIDEWALK SECTION**  
(LOOKING SOUTH)  
NO SCALE



**TYPICAL SIDEWALK SECTION AT BRIDGE**  
(LOOKING SOUTH)  
NO SCALE

**GENERAL NOTES:**

1. The locations of the proposed detector loops, as shown on the plans, may be adjusted to fit field conditions as directed by the Engineer of Traffic Operations.
2. All detector loop corners shall be core drilled 2 in. minimum diameter except those placed under resurfacing. The detector loop corners placed under resurfacing shall be diagonally sawcut.
3. The Contractor shall notify the Engineer of Traffic Operations 72 hours prior to the shutdown or cutting of existing detector loops.
4. Electric cable quantities are measured in plan view.
5. Prior to placement of the final pavement markings, the Resident Engineer shall contact the Bureau of Operations and arrange for inspection and approval of the pavement marking layout.
6. All sidewalk related items including ramps shall be constructed to meet current requirements set forth by the Americans with Disabilities Act (ADA), the Public Right-of-Way Accessibility Guidelines (PROWAG) and the current Illinois Department of Transportation Standards.

STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	3

PC CONCRETE SCHEDULE					
LOCATION	PORTLAND CEMENT CONCRETE DRIVEWAY PVMT, 8 INCH (SQ YD)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	CONCRETE MEDIAN SURFACE, 6 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	CURB REMOVAL AND REPLACEMENT (FOOT)
NORTHEAST CORNER OF LOCUST ST AND RTE 142		399.0		10.0	10.0
NORTHWEST CORNER OF LOCUST ST AND RTE 142		57.0		10.0	11.0
SOUTHEAST CORNER OF LOCUST ST AND RTE 142		156.0		20.0	28.0
STA 0+66.57					15.0
STA 0+66.57 TO STA 1+56.59		569.0			
STA 0+69				10.0	
STA 0+79, 11' LT				10.0	
STA 0+79, 13.3' LT					15.0
STA 1+74.87 TO STA 4+11.70		1184.0			
STA 4+10.5				10.0	
STA 4+11.70 TO STA 4+30.06	10.2				
STA 4+32.11					10.0
STA 4+32.11 TO STA 4+47.66		85.0			
STA 4+34				10.0	
STA 5+20.00 TO STA 5+69.12	38.7				
STA 5+69.12 TO STA 5+95.16		128.0			
STA 5+90				10.0	
STA 5+95.16 TO STA 6+60.40	52.9				
STA 6+60.40 TO STA 7+69.27		545.0			
STA 6+65				10.0	
STA 7+69.27 TO STA 8+17.42	41.0				
STA 8+17.42 TO STA 8+44.57		136.0			
STA 8+44.57 TO STA 9+03.21	53.8				
STA 9+03.21 TO STA 9+80.56		384.0			
STA 9+80.56 TO STA 10+21.43	22.7				
STA 10+21.43 TO STA 11+45.30		620.0			
STA 12+96.96 TO STA 13+18.29	11.8				
STA 13+18.29 TO STA 13+55.74		188.0			
STA 13+55.74 TO STA 13+83.26	27.1				
STA 13+83.26 TO STA 14+71.78		449.0			
STA 14+71.78					11.0
STA 14+72.41 TO STA 14+96.82	22.3				
STA 14+96.82					11.0

PC CONCRETE SCHEDULE					
LOCATION	PORTLAND CEMENT CONCRETE DRIVEWAY PVMT, 8 INCH (SQ YD)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	CONCRETE MEDIAN SURFACE, 6 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	CURB REMOVAL AND REPLACEMENT (FOOT)
STA 14+97.48 TO STA 18+06.24		1555.0			
STA 18+05				10.0	
STA 18+06.24					10.0
STA 18+31.67					10.0
STA 18+31.67 TO STA 18+43.21			70.0		
STA 18+33				10.0	
STA 18+59.22 TO STA 18+68.19			55.0		
STA 18+67				10.0	
STA 18+68.19					11.0
STA 19+09.72					13.0
STA 19+09.72 TO STA 19+19.30			57.0		
STA 19+11				10.0	
STA 19+18				10.0	
STA 19+19.30					11.0
STA 19+50.28					11.0
STA 19+50.28 TO STA 22+02.88		1280.0			
STA 19+53				10.0	
STA 22+02.88					14.0
STA 29+99.45 TO STA 30+05.64			38.0		
STA 30+04				10.0	
STA 30+05.64					8.0
STA 30+73.41					10.0
STA 30+73.41 TO STA 30+80.44			42.0		
STA 30+76				10.0	
STA 30+95.54 TO STA 31+05.97			63.0		
STA 31+05				10.0	
STA 31+05.97					9.0
STA 31+33.01					11.0
STA 31+33.01 TO STA 32+41.54		565.0			
STA 31+34				10.0	
STA 32+41.54					13.0
TOTALS	281	8300	325	200	242

STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	4

REMOVAL AND ADJUSTMENT SCHEDULE							
LOCATION	METER VAULTS TO BE ADJUSTED (EACH)	WATER VALVES TO BE ADJUSTED (EACH)	REMOVING INLETS (EACH)	STORM SEWER REMOVAL 12" (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	SIDEWALK REMOVAL (SQ FT)	CONCRET MEDIAN SURFACE REMOVAL (SQ FT)
NORTHEAST CORNER OF LOCUST ST AND RTE 142						419.0	
NORTHWEST CORNER OF LOCUST ST AND RTE 142						57.0	
SOUTHEAST CORNER OF LOCUST ST AND RTE 142						157.0	
STA 0+66.57 TO STA 1+56.59						476.0	
STA 0+89.53, 2.39' LT	1						
STA 1+74.87 TO STA 4+11.70						930.0	
STA 1+88.13, 3.05' RT	1						
STA 3+25.31, 2.58' LT	1						
STA 5+20.00 TO STA 5+69.12					38.7		
STA 5+95.03 TO STA 7+69.26						654.0	
STA 7+69.26 TO STA 8+17.42					41.0		
STA 8+17.42 TO STA 8+44.57						103.0	
STA 8+44.57 TO STA 9+03.21					53.8		
STA 9+03.21 TO STA 11+45.30						980.0	
STA 12+96.96 TO STA 13+90.54					56.2		
STA 14+14.42, 7.02' RT		1					
STA 14+72.41 TO STA 14+96.82					22.3		
STA 18+31.67 TO STA 18+43.21							70.0
STA 18+59.22 TO STA 18+68.19							55.0
STA 19+09.72 TO STA 19+19.30							57.0
STA 21+51.09 LT			1	4			
STA 29+99.65 TO STA 30+05.64							38.0
STA 30+73.76 TO STA 30+80.44							42.0
STA 30+95.54 TO STA 31+05.97							63.0
TOTALS	3	1	1	4	212	3776	325

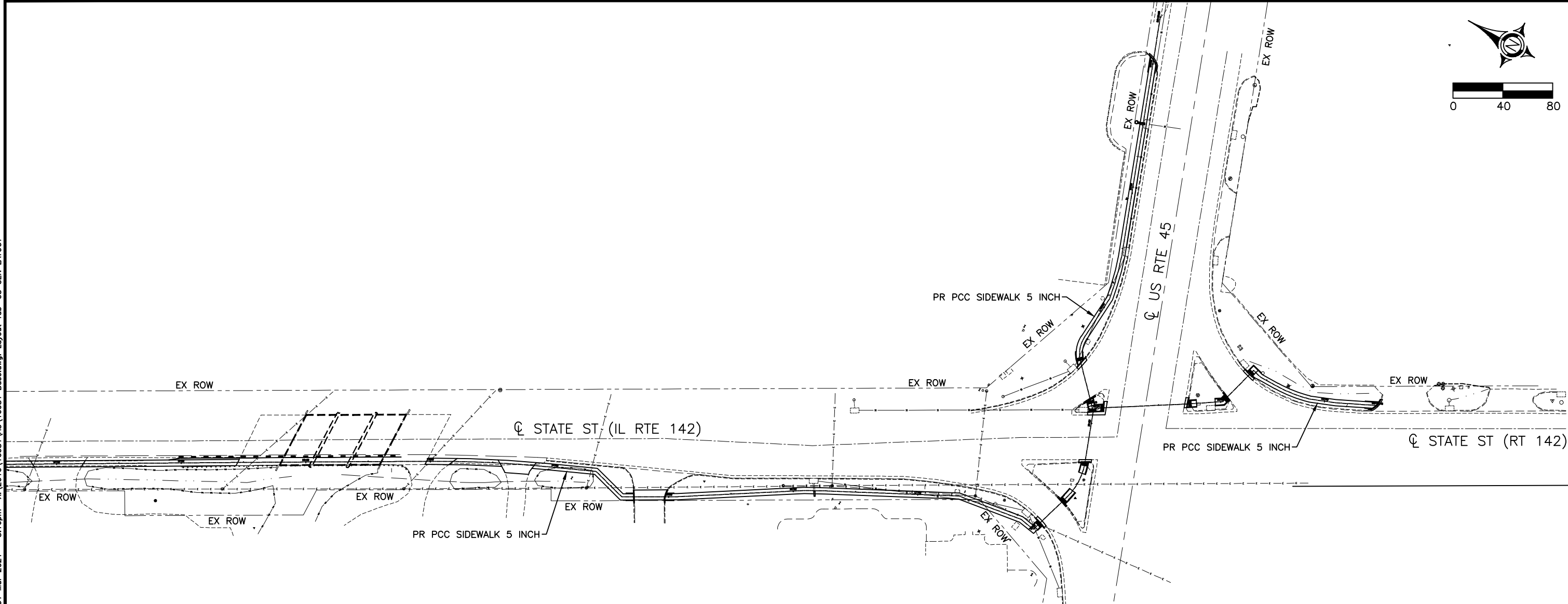
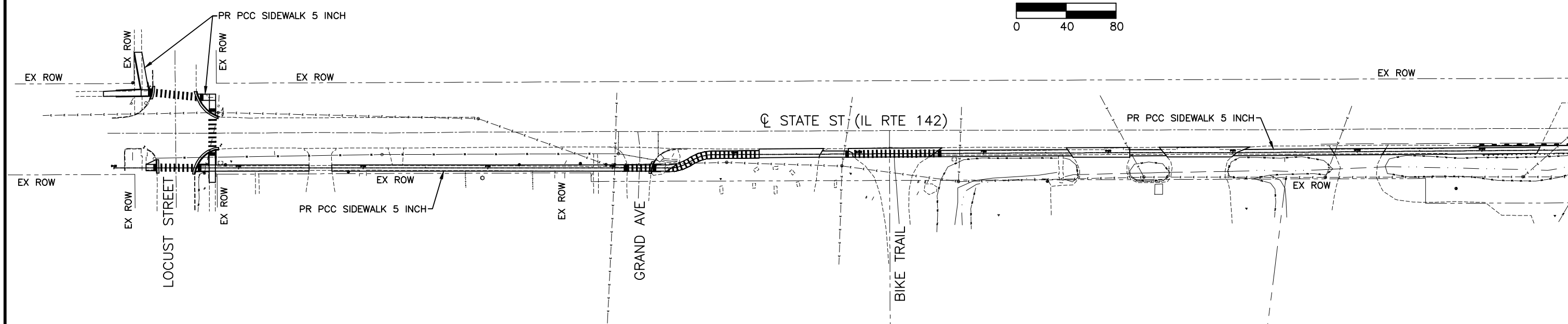
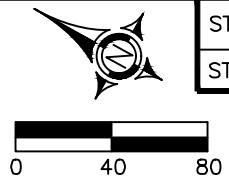
PAVEMENT MARKING SCHEDULE				
LOCATION	RAISED CURB WITH DELINEATORS (EACH)	POLYUREA PAVEMENT MARKING - TYPE I LINE 4" (WHITE) (FOOT)	POLYUREA PAVEMENT MARKING - TYPE I LINE 12" (WHITE) (FOOT)	POLYUREA PAVEMENT MARKING - TYPE I LINE 24" (WHITE) (FOOT)
LOCUST STREET (WEST CROSSING)			48	
LOCUST STREET (EAST CROSSING)			60	
IL RTE 142 (SOUTH CROSSING @ LOCUST STREET)			42	
GRAND AVENUE (CROSSING)			36	
STA 4+44, 2.5' RT TO STA 5+20, 2.5' RT (EDGE LINE)		68		
STA 4+44 TO STA 5+20 (CROSSING LINES ON EX HMA)			126	
STA 4+52, 2.5' LT TO STA 5+20, 2.5' LT (EDGE LINE)		77		
BIKE TRAIL (CROSSING)			114	
STA 10+90 LT TO STA 12+75 LT		185		
STA 11+00 LT TO STA 12+70 LT	18			
STA 18+08.70 TO STA 18+30.60 (CROSSING)			36	18
STA 18+70.60 TO STA 19+06.90 (CROSSING)			66	12
STA 19+20.51 TO STA 19+47.32 (CROSSING)			48	18
STA 30+08.03 TO STA 30+71.03 (CROSSING)			108	26
STA 31+06.99 TO STA 31+30.45 (CROSSING)			42	12
TOTALS	18	330	726	86

DRAINAGE SCHEDULE				
LOCATION	INLETS, TYPE A (REUSE EXISTING GRATE)		STORM SEWERS, CLASS A, TYPE 1, 12"	PIPE CULVERTS, CLASS C, TYPE 1, 12"
	TOP OF EXISTING GRATE ELEV	INVERT (EA)	(FT)	(FT)
STA 16+16.92 RT				4
STA 21+51.50, 5.35' LT	378.25	376.45	1	7
TOTALS		1	7	4

- NOTES:
1. ALL OFFSETS TO INLETS ARE TO THE CENTER OF THE STRUCTURE.
  2. TRENCH BACKFILL WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEM.

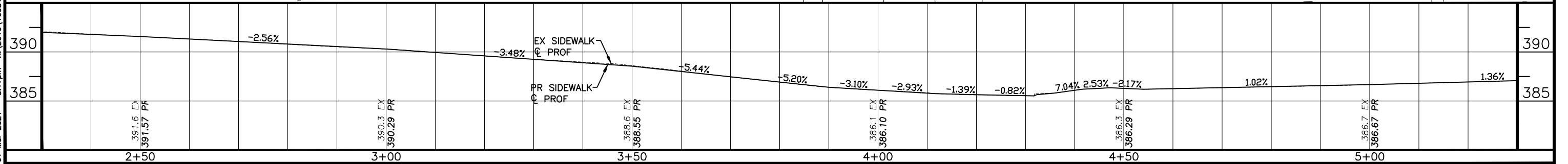
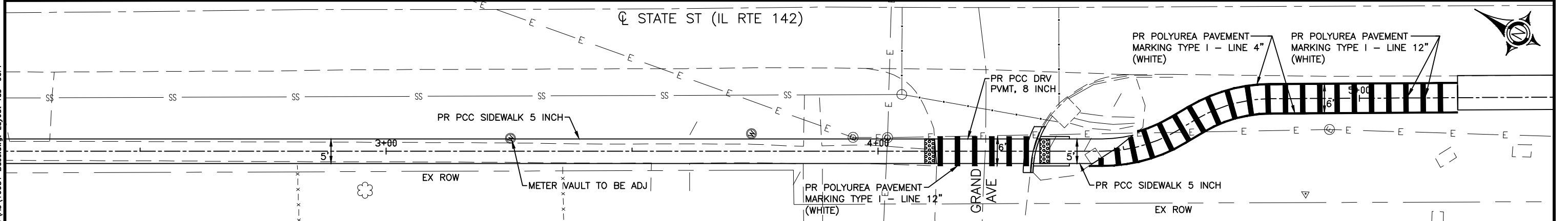
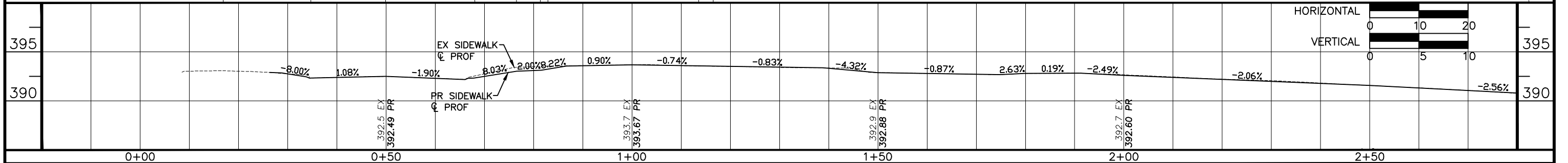
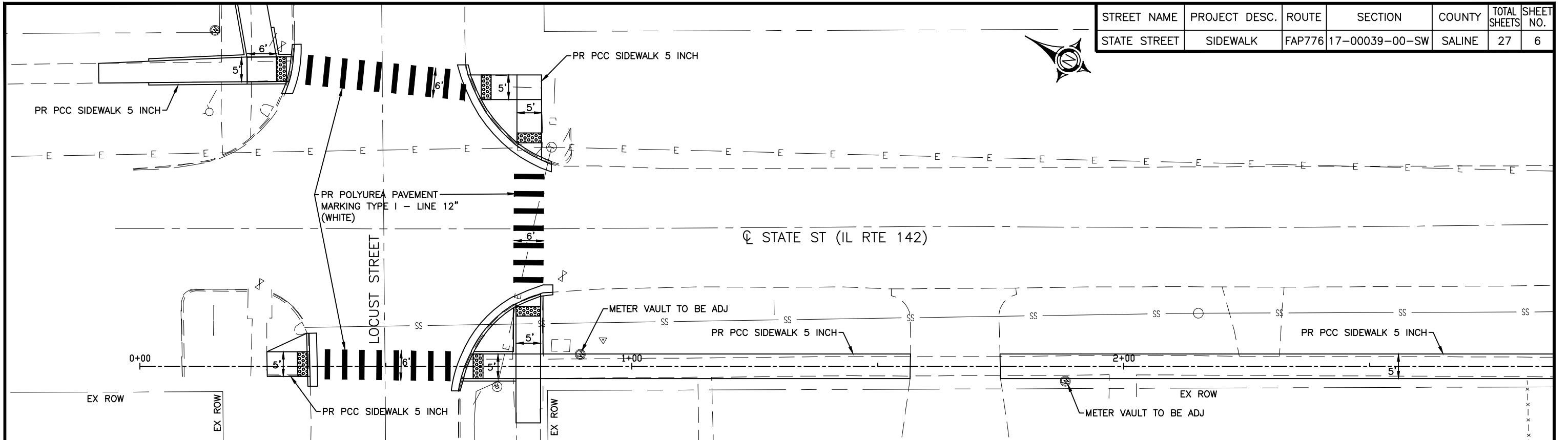
GENERAL LAYOUT SHEET

STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	5



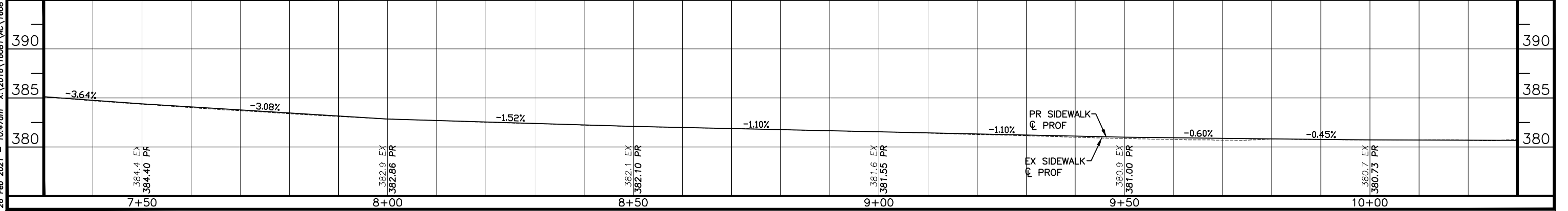
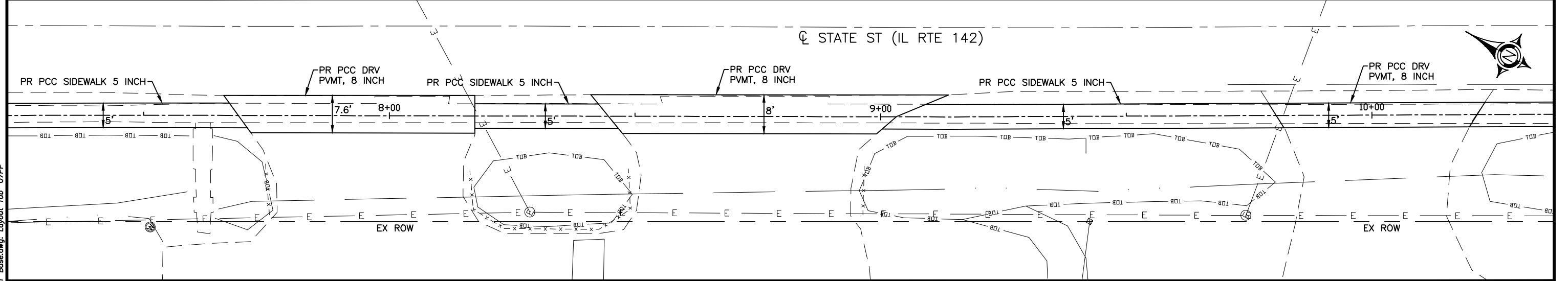
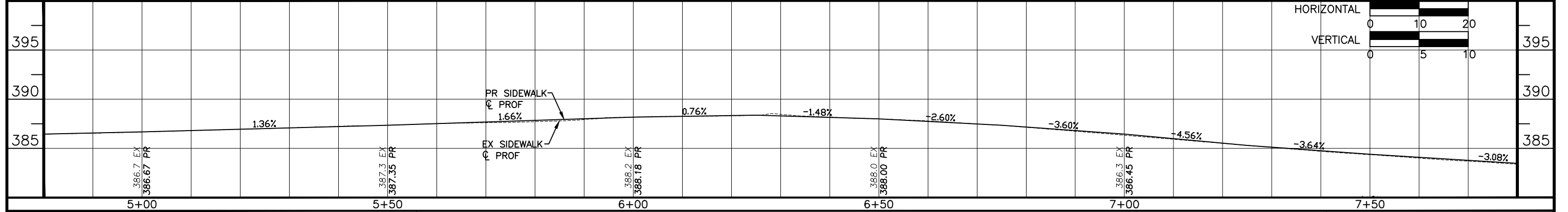
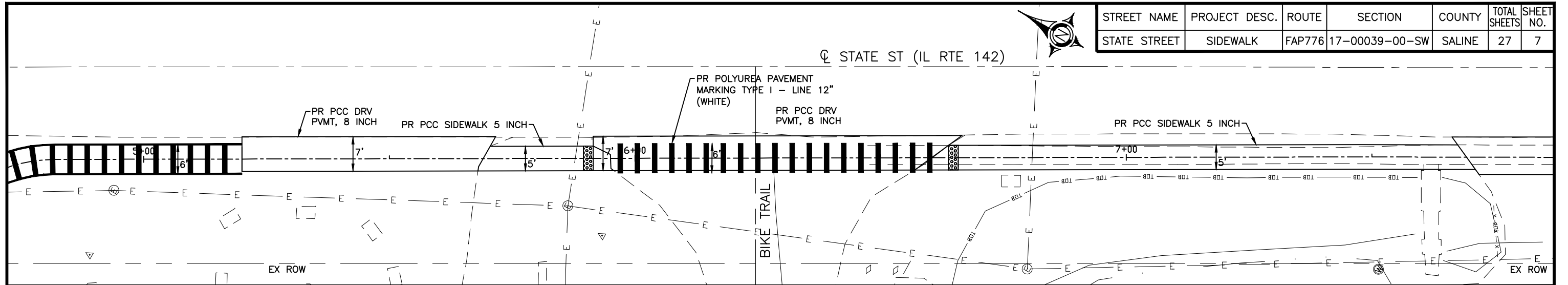
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STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	6



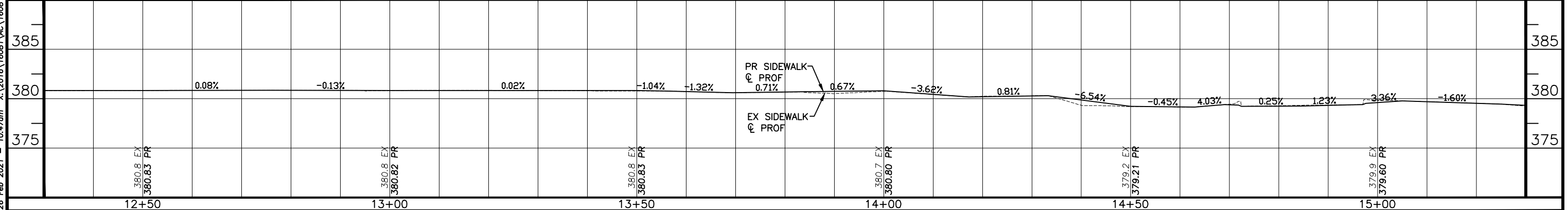
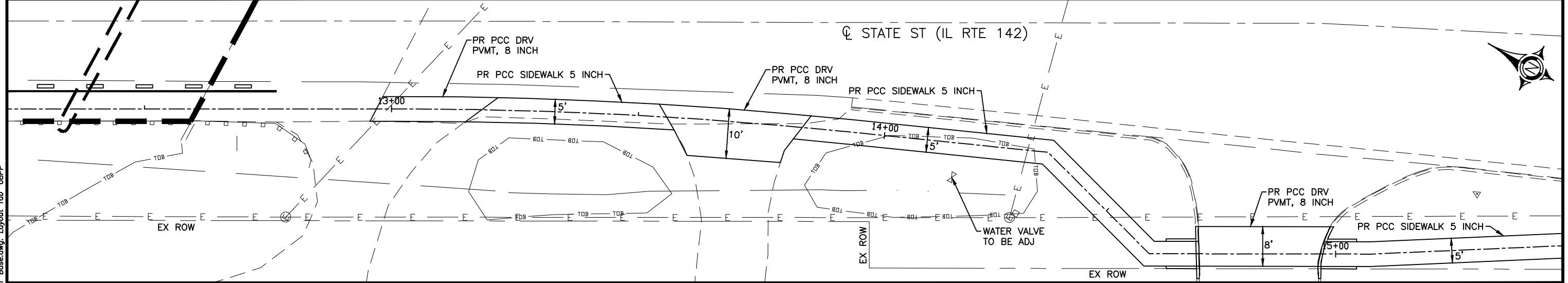
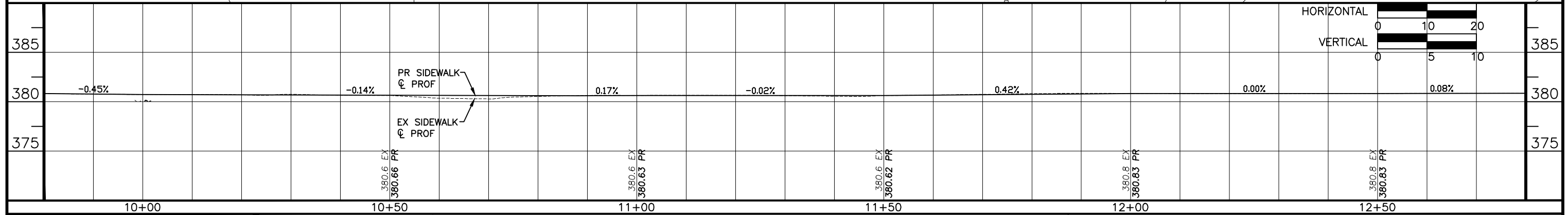
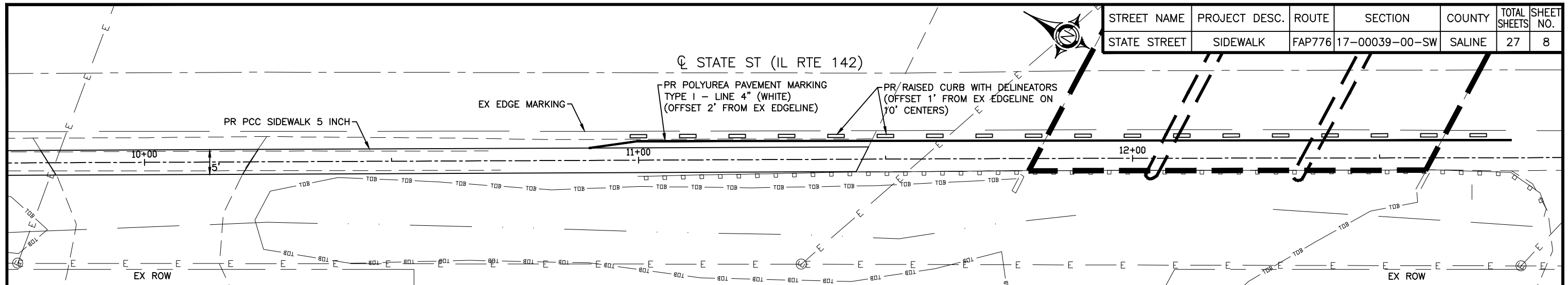
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STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDWALK	FAP776	17-00039-00-SW	SALINE	27	7



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STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	8



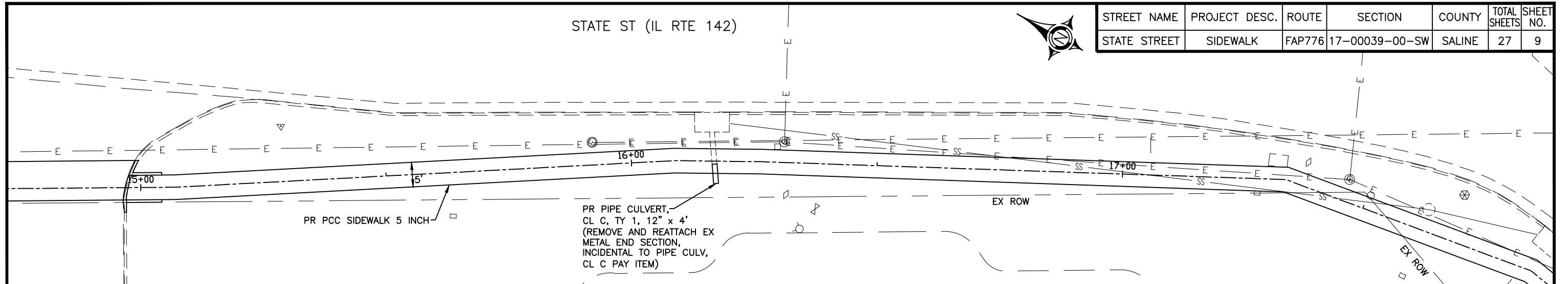
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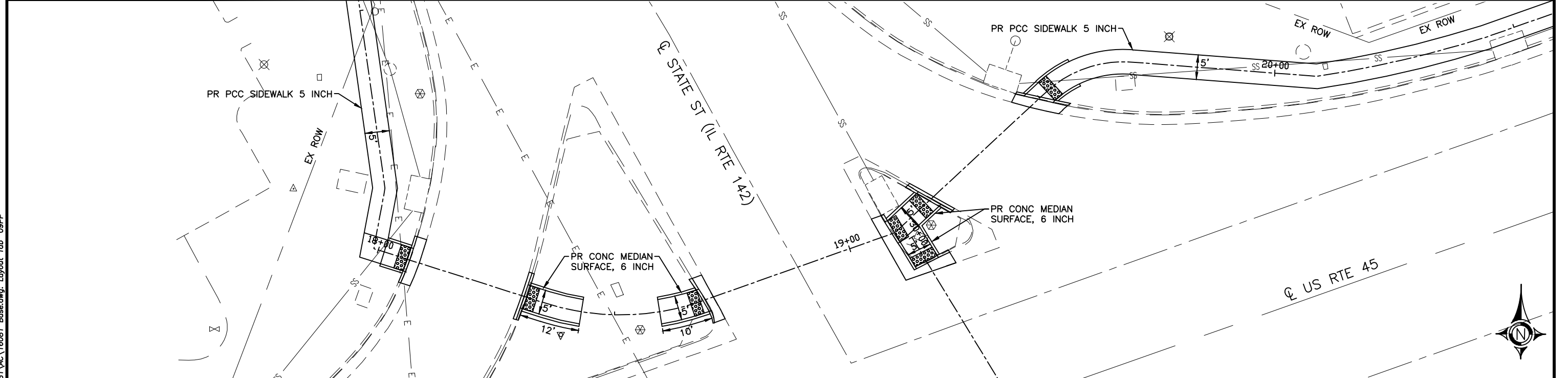
STATE ST (IL RTE 142)



STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	9



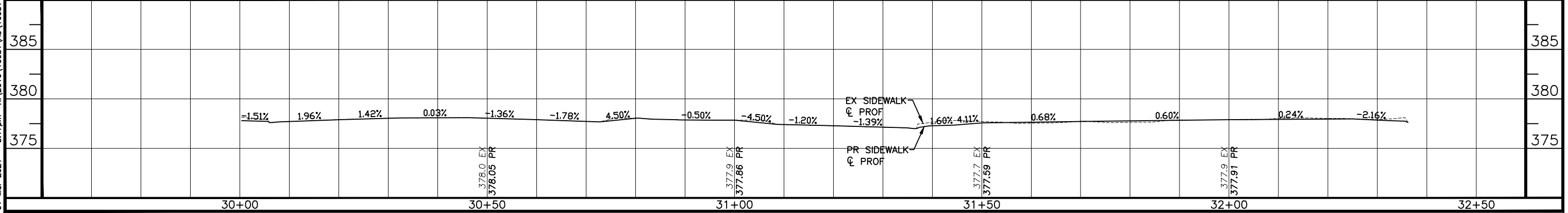
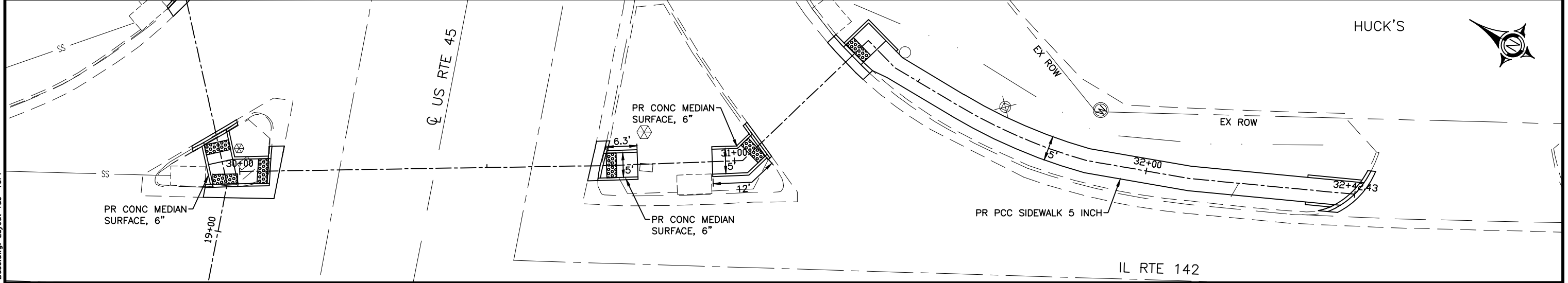
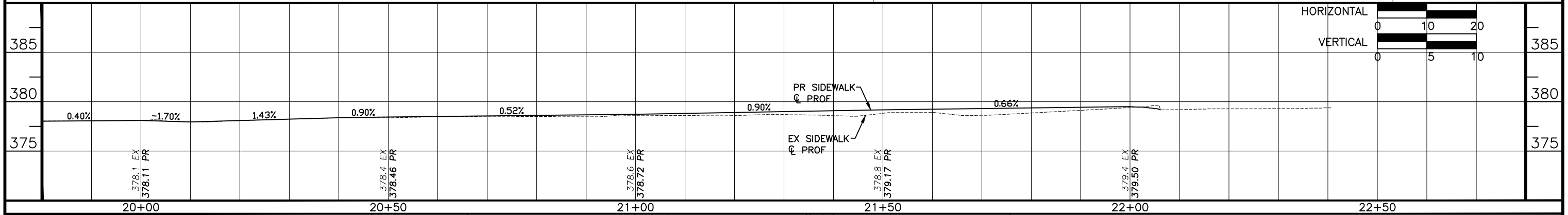
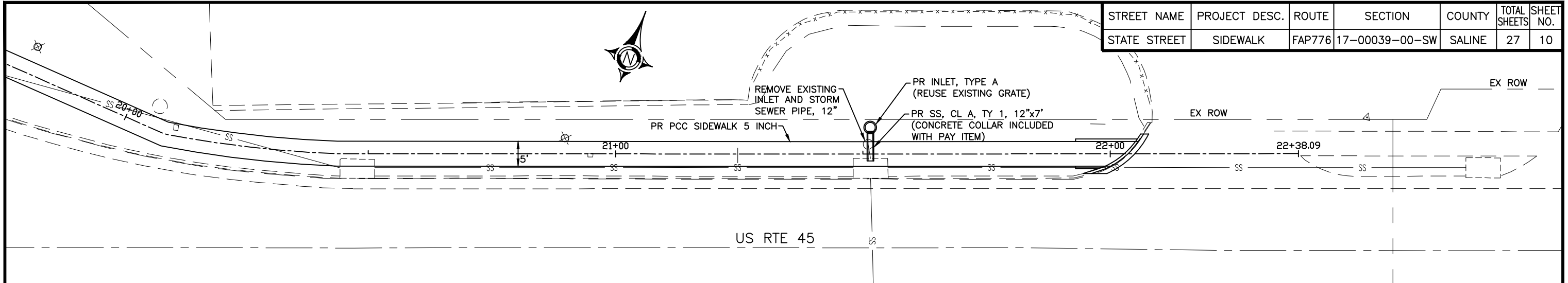
HORIZONTAL															VERTICAL		
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375											375						
	15+00	15+50	16+00	16+50	17+00	17+50											



380																						380
375		-1.06%	-7.71%	2.28%	-5.00%	0.50%	-4.60%	0.50%	-0.30%	-0.80%	-1.48%	-1.27%	0.41%	-2.00%	7.20%	0.40%	-1.70%	1.43%				375
	17+50	18+00	18+50	19+00	19+50	20+00																

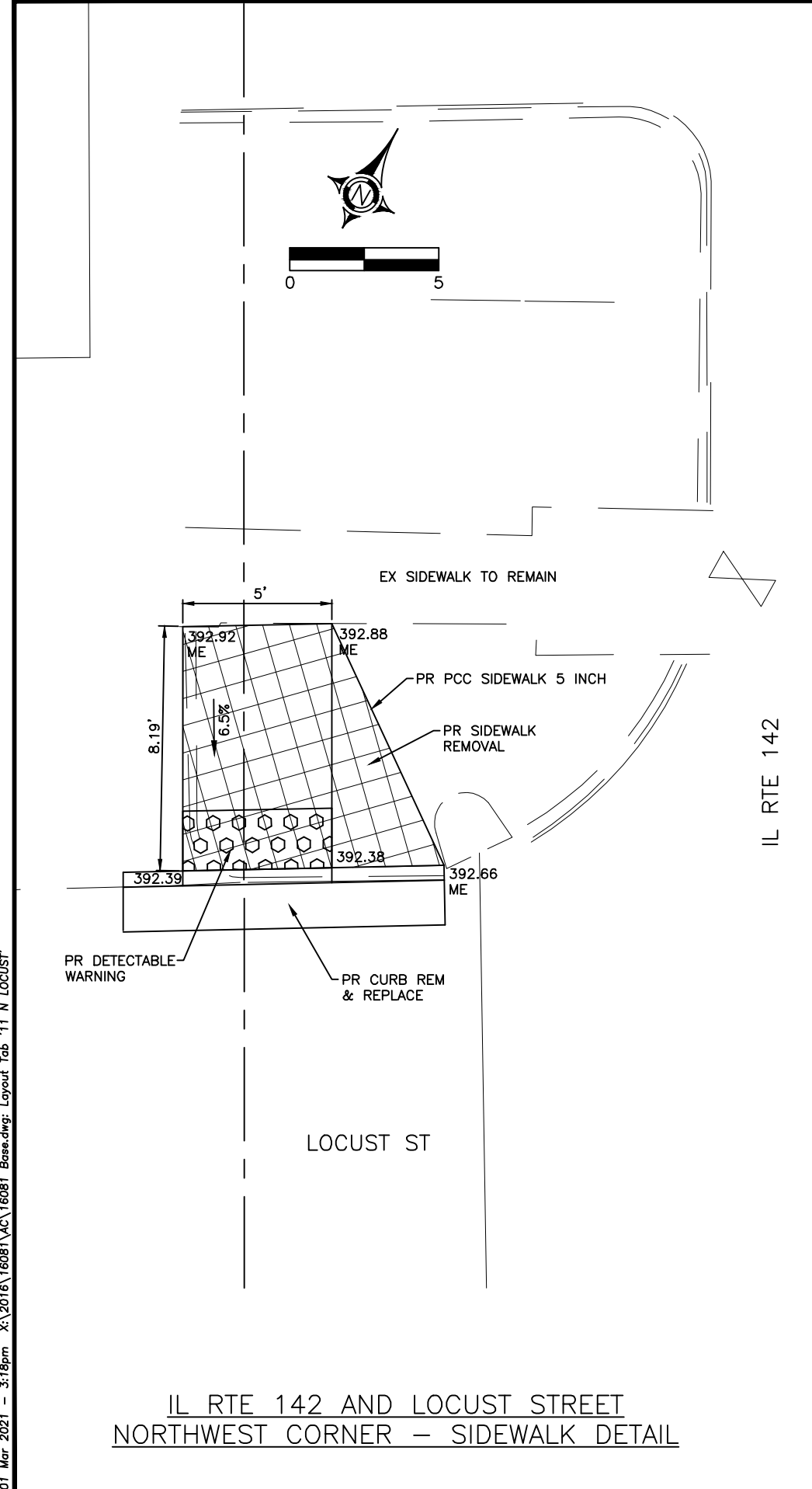
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STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	10

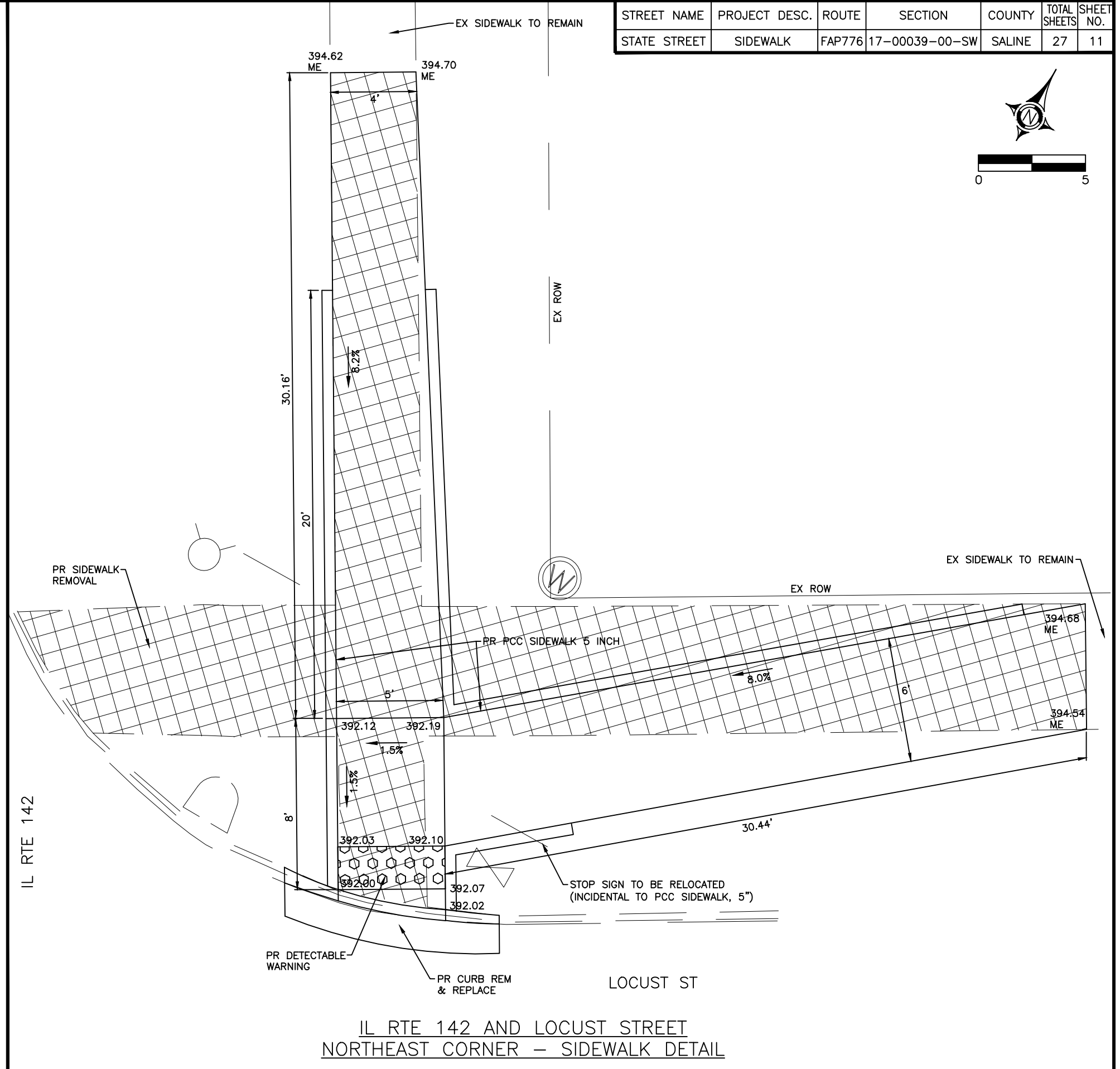


01 Mar 2021 - 3:17pm X:\2016\16081\AC\16081 Base.dwg: Layout Tab '10PP'

STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDWALK	FAP776	17-00039-00-SW	SALINE	27	11



IL RTE 142 AND LOCUST STREET  
NORTHWEST CORNER - SIDEWALK DETAIL



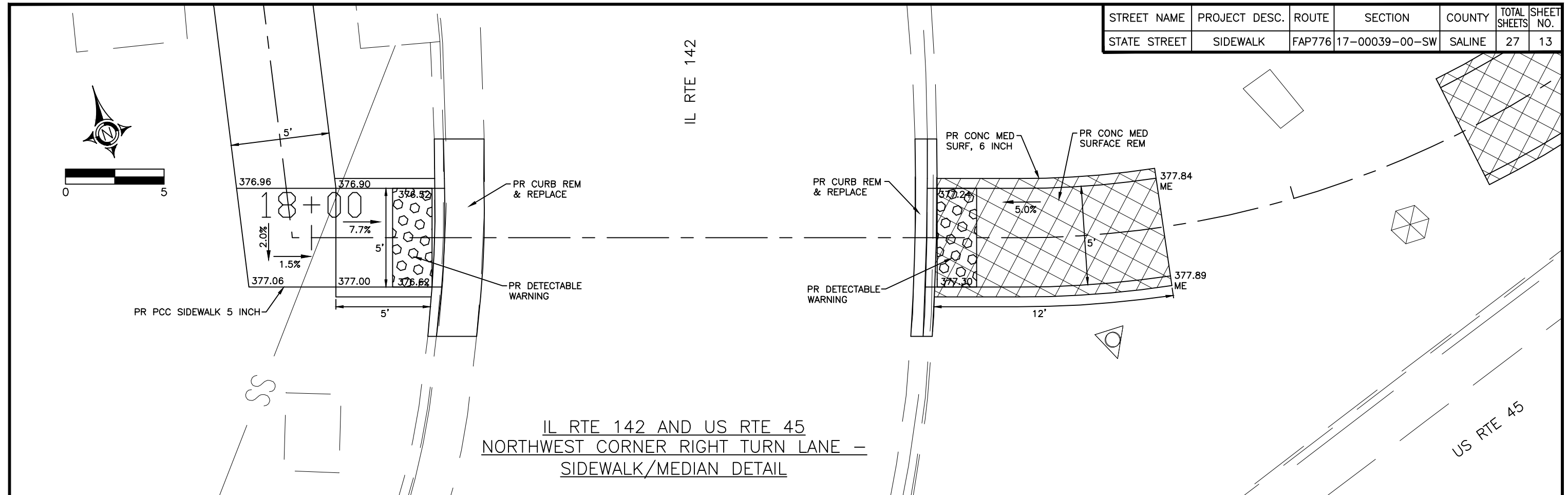
IL RTE 142 AND LOCUST STREET  
NORTHEAST CORNER - SIDEWALK DETAIL

01 Mar 2021 - 3:18pm X:\2016\16081\AC\16081\_Base.dwg: Layout Tab '11: N LOCUST'

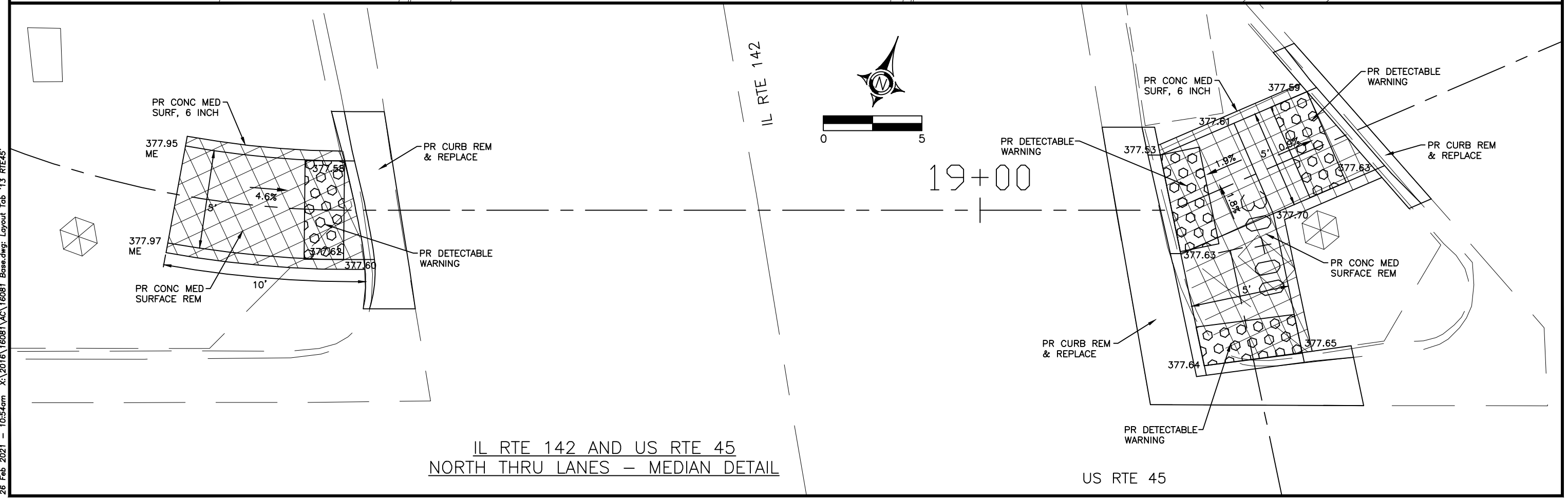


STREET NAME	PROJECT DESC.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	13

IL RTE 142 AND US RTE 45  
NORTHWEST CORNER RIGHT TURN LANE -  
SIDEWALK/MEDIAN DETAIL



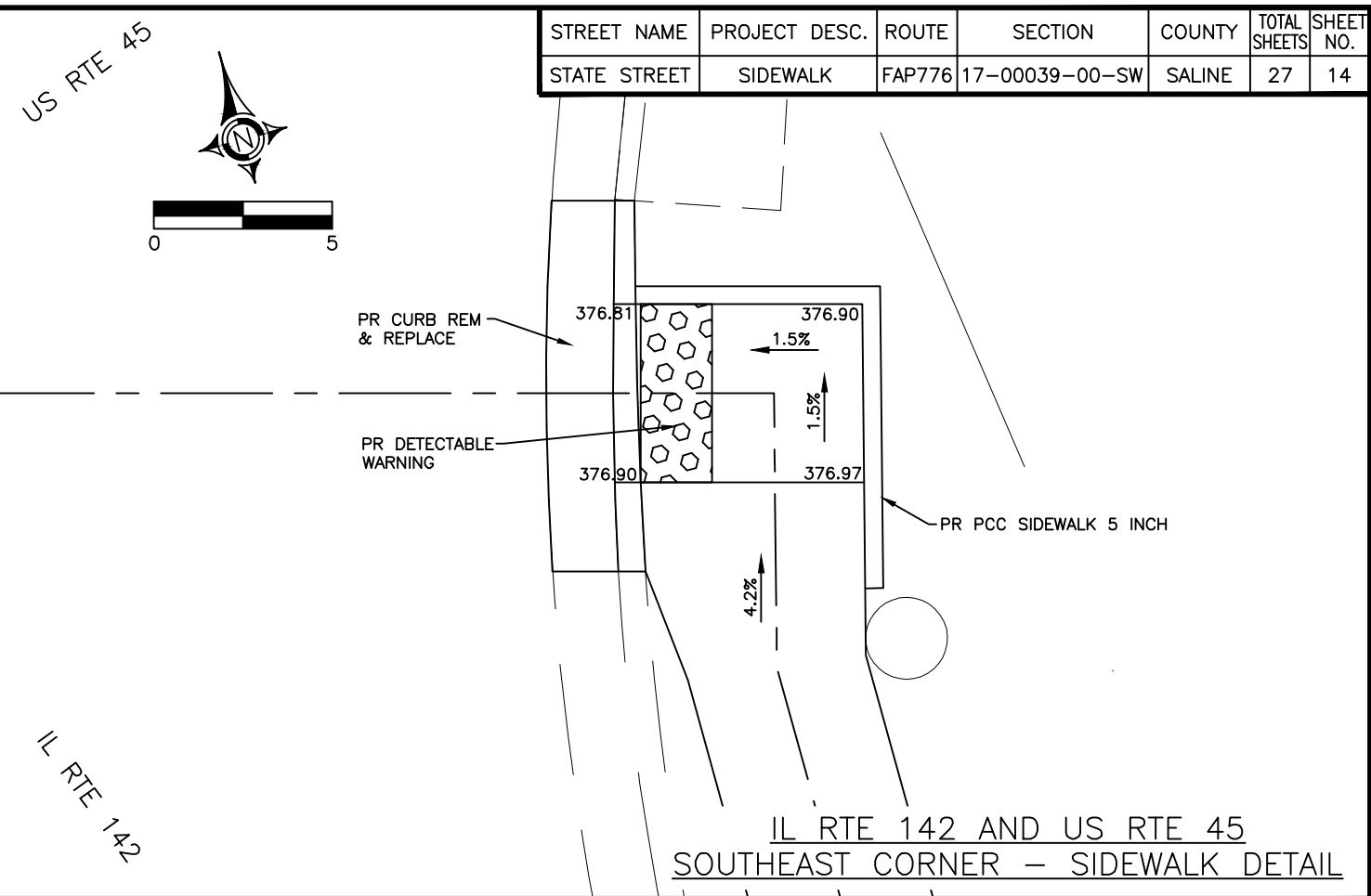
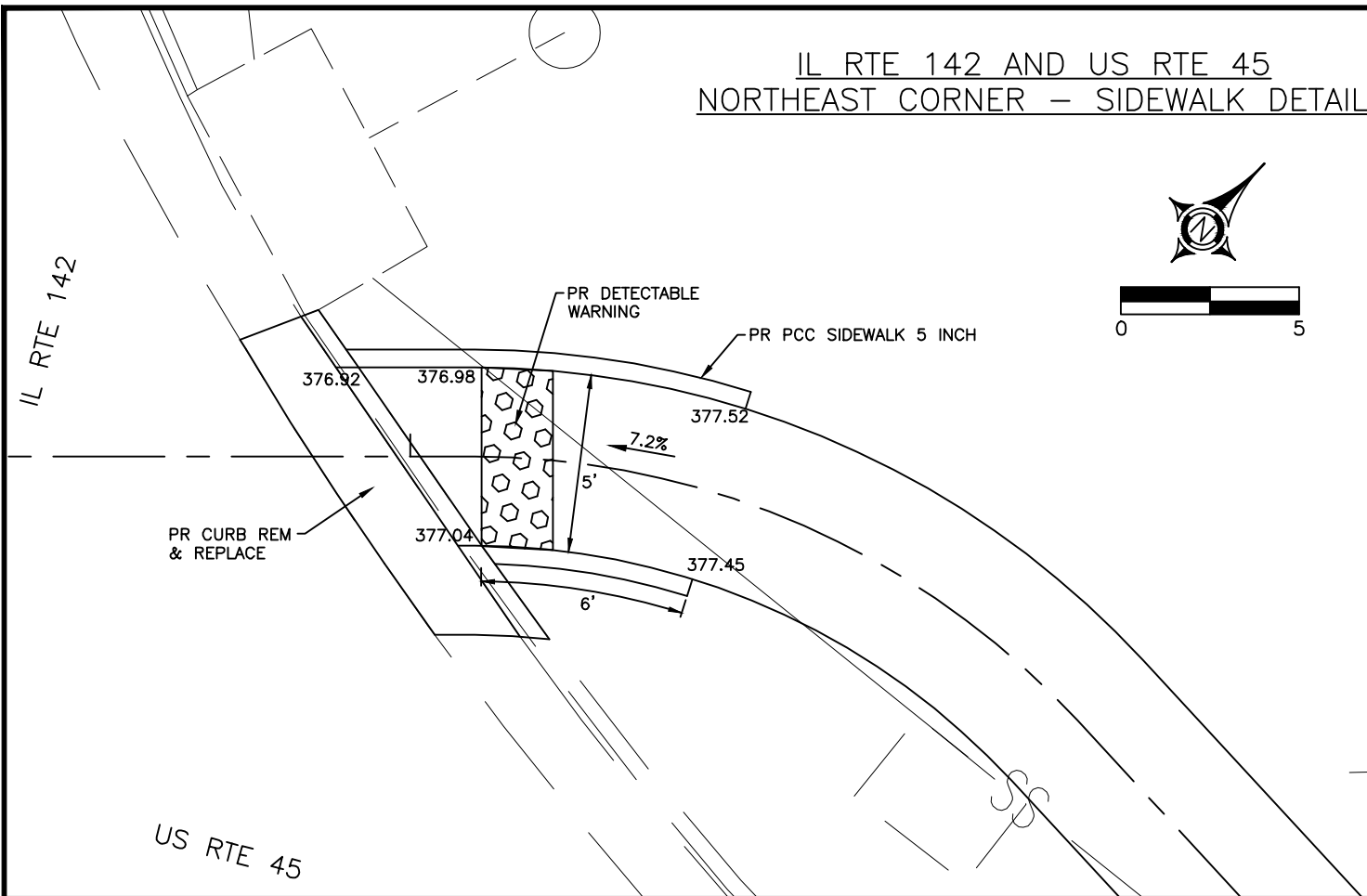
IL RTE 142 AND US RTE 45  
NORTH THRU LANES - MEDIAN DETAIL



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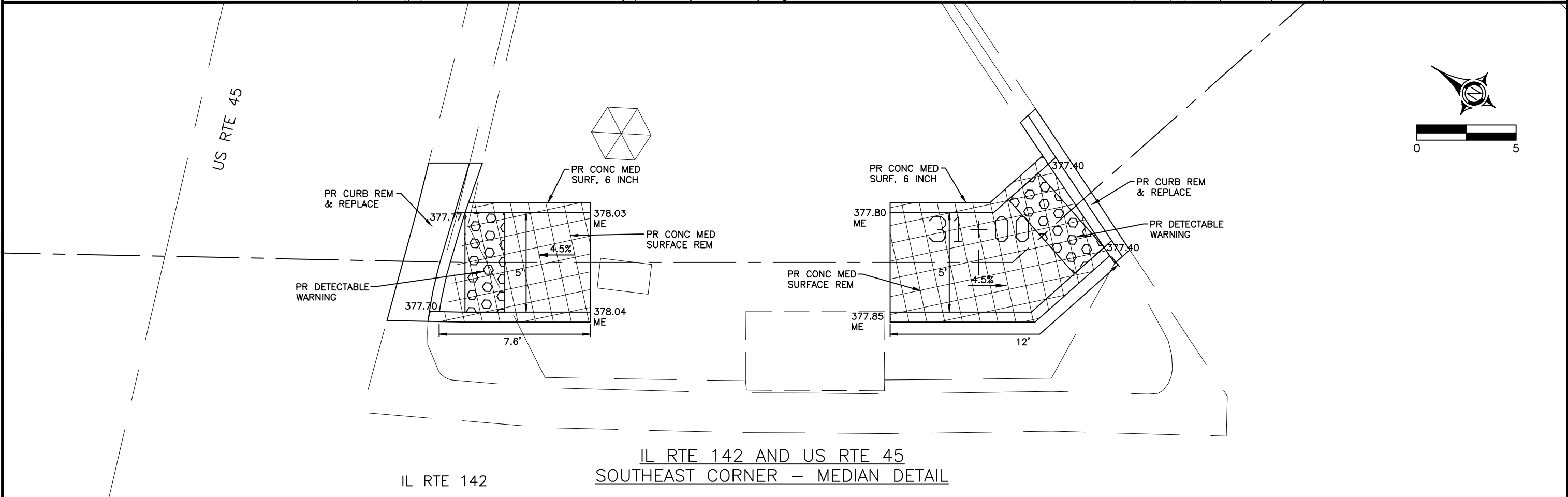
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STATE STREET	SIDEWALK	FAP776	17-00039-00-SW	SALINE	27	14

IL RTE 142 AND US RTE 45  
NORTHEAST CORNER – SIDEWALK DETAIL

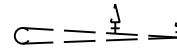














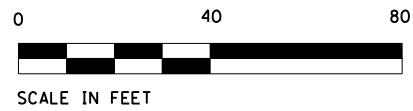
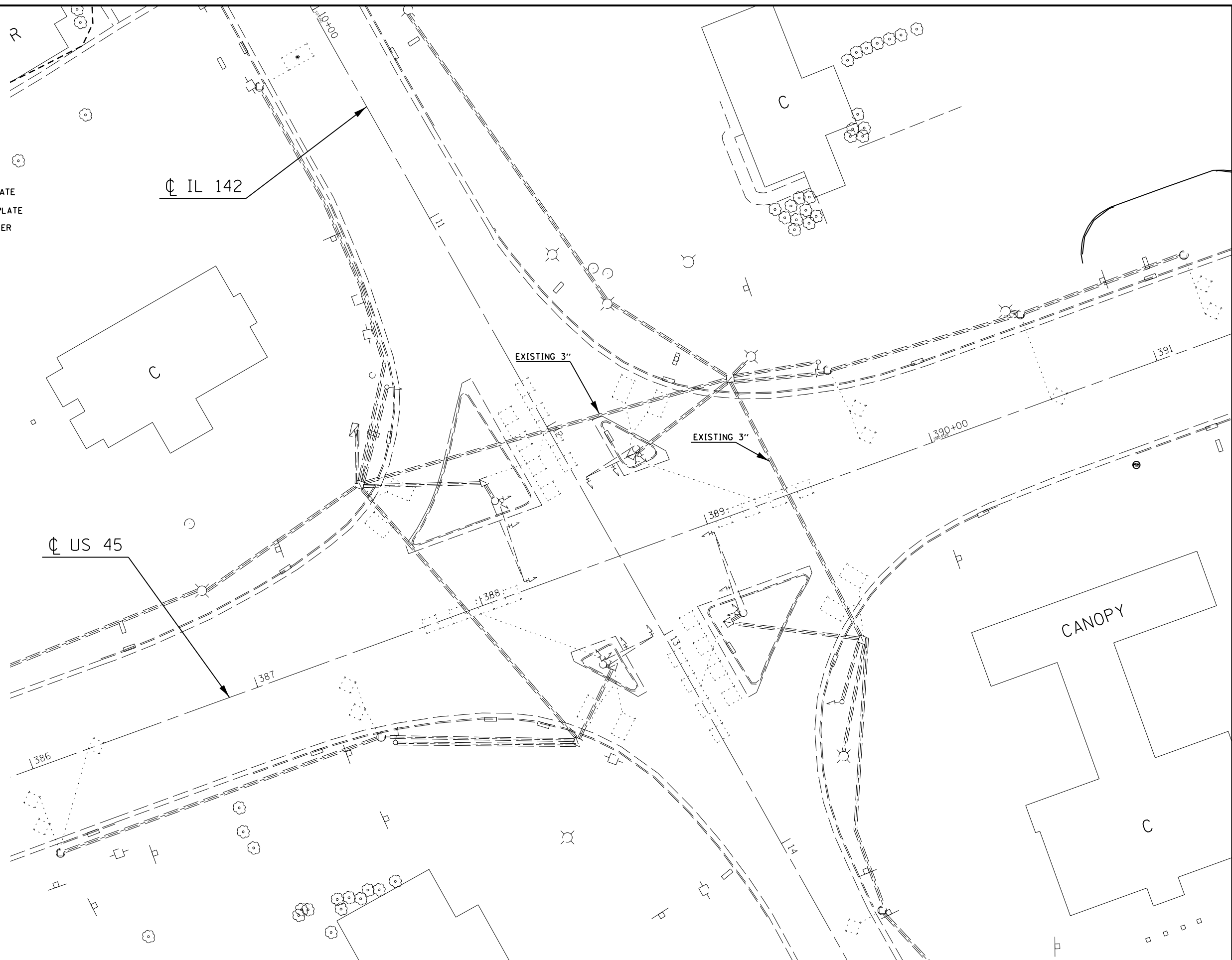
IL RTE 142 AND US RTE 45  
SOUTHEAST CORNER – SIDEWALK DETAIL

IL RTE 142 AND US RTE 45  
SOUTHEAST CORNER – MEDIAN DETAIL



01 Mar 2021 - 3:19pm X:\2016\16081\AC\16081 Base.dwg: Layout Tab '14 RTE45'

- LEGEND**
-  EXISTING MAST ARM
  -  EXISTING SIGNAL POLE
  -  EXISTING BRACKET MOUNTED FACEPLATE
  -  EXISTING MAST ARM MOUNTED FACEPLATE
  -  EXISTING TRAFFIC SIGNAL CONTROLLER
  -  EXISTING HANDHOLE
  -  EXISTING CONDUIT
  -  EXISTING 6'x6' DETECTOR LOOP
  -  EXISTING 5'x5' DETECTOR LOOP
  -  EXISTING 10'x6' DETECTOR LOOP
  -  EXISTING 12'x6' DETECTOR LOOP
  -  EXISTING DETECTOR LOOP LINE
  -  EXISTING GULFBOX JUNCTION



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	DRAWN -	REVISED -
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PLOT DATE = 11/28/2018	DATE -	REVISED -








**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC SIGNALS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	17-00039-00-SW	SALINE	27	15
CONTRACT NO. 99663				
ILLINOIS FED. AID PROJECT				

**LEGEND**

-  PROP PEDESTRIAN PUSH BUTTON
-  PROP PEDESTRIAN SIGNAL HEAD, 2-FACE
-  PROP PEDESTRIAN SIGNAL HEAD, 1-FACE
-  PROP FULL ACTUATED CONTROLLER AND TYPE IV CABINET
-  HANDHOLE TO BE ADJUSTED
-  PROP 10'x6' DETECTOR LOOP
-  PROP 6'x20' DETECTOR LOOP

**NOTES:**

A QUANTITY OF "UNDERGROUND CONDUIT, PVC, 2" DIAMETER" HAS BEEN ADDED IN THE CASE THAT THE EXISTING CONDUIT CROSSING IL 142 AND US 45 ARE NOT OF ADEQUATE SIZE FOR PROPOSED CABLES TO FIT THROUGH. ANY DRILLING OF EXISTING HANDHOLES TO PERFORM THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM.

PROPOSED DETECTOR LOOP WIRE SHALL BE PLACED IN THE EXISTING CONDUIT FROM THE LOOP SAWCUT TO THE SPLICE POINT AT THE EXISTING HANDHOLE.

REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET  
REPLACE WITH FULL-ACTUATED CONTROLLER AND TYPE IV CABINET

**PROPOSED FULL-ACTUATED CONTROLLER AND TYPE IV CABINET**

USE EXISTING FOUNDATION  
STATION = 11+61.7 @ 70.9' RT (IL 142)

**NW ISLAND**

EXISTING STEEL MAST ARM ASSEMBLY AND POLE, 36'  
STATION = 12+16.4 @ 34.1' RT (IL 142)

PROPOSED PEDESTRIAN PUSH BUTTON  
PROPOSED PEDESTRIAN SIGNAL HEAD, 1-FACE

**NE ISLAND**

EXISTING STEEL MAST ARM ASSEMBLY AND POLE, 24'  
STATION = 12+26.4 @ 28.0' LT (IL 142)

PROPOSED PEDESTRIAN PUSH BUTTON (2)  
PROPOSED PEDESTRIAN SIGNAL HEAD, 2-FACE

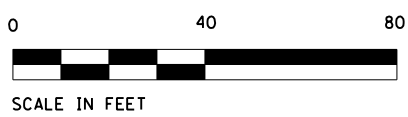
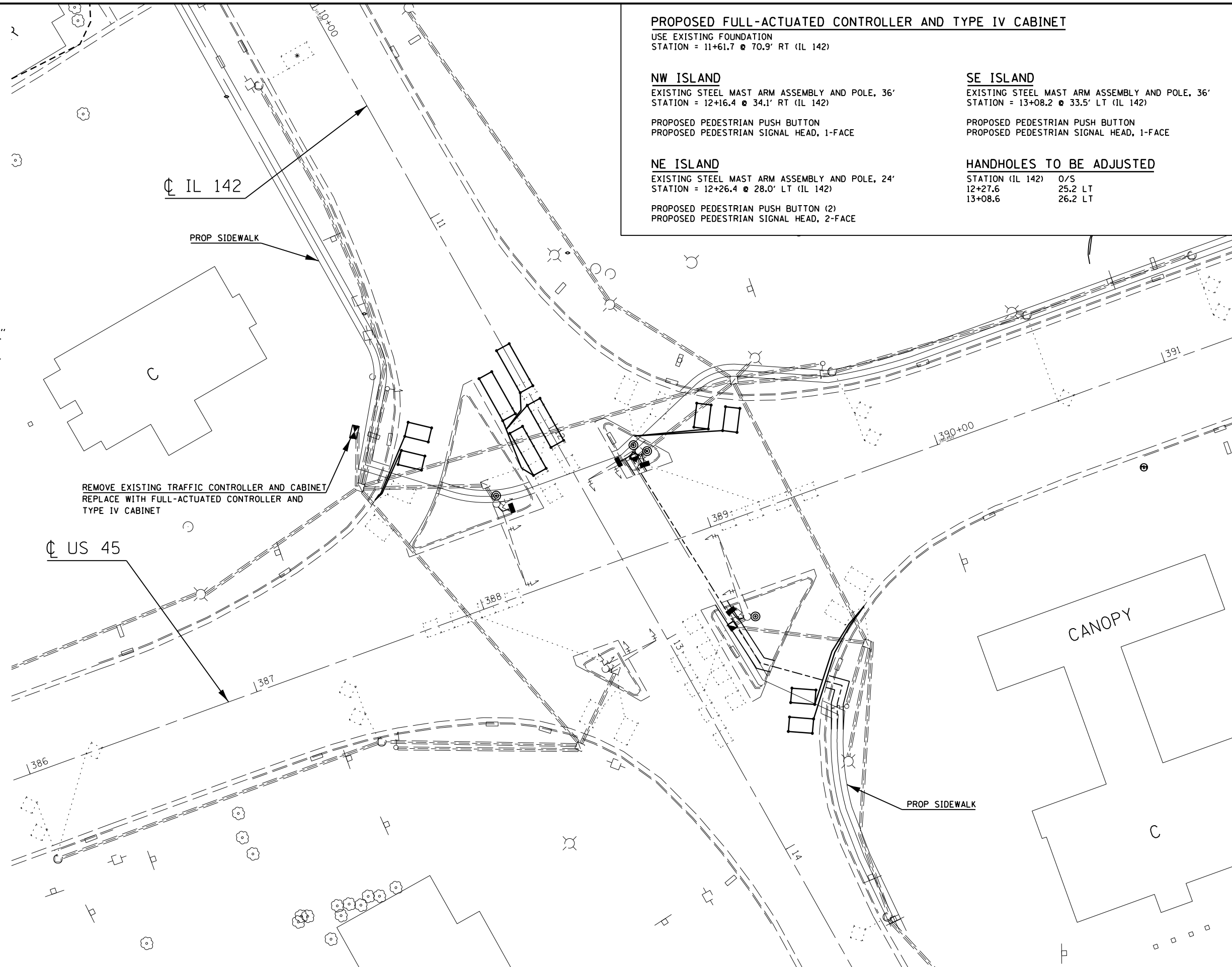
**SE ISLAND**

EXISTING STEEL MAST ARM ASSEMBLY AND POLE, 36'  
STATION = 13+08.2 @ 33.5' LT (IL 142)

PROPOSED PEDESTRIAN PUSH BUTTON  
PROPOSED PEDESTRIAN SIGNAL HEAD, 1-FACE

**HANDHOLES TO BE ADJUSTED**

STATION (IL 142)	0/S
12+27.6	25.2 LT
13+08.6	26.2 LT



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PLOT DATE = 11/28/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNALS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	17-00039-00-SW	SALINE	27	16
CONTRACT NO. 99663				
ILLINOIS FED. AID PROJECT				

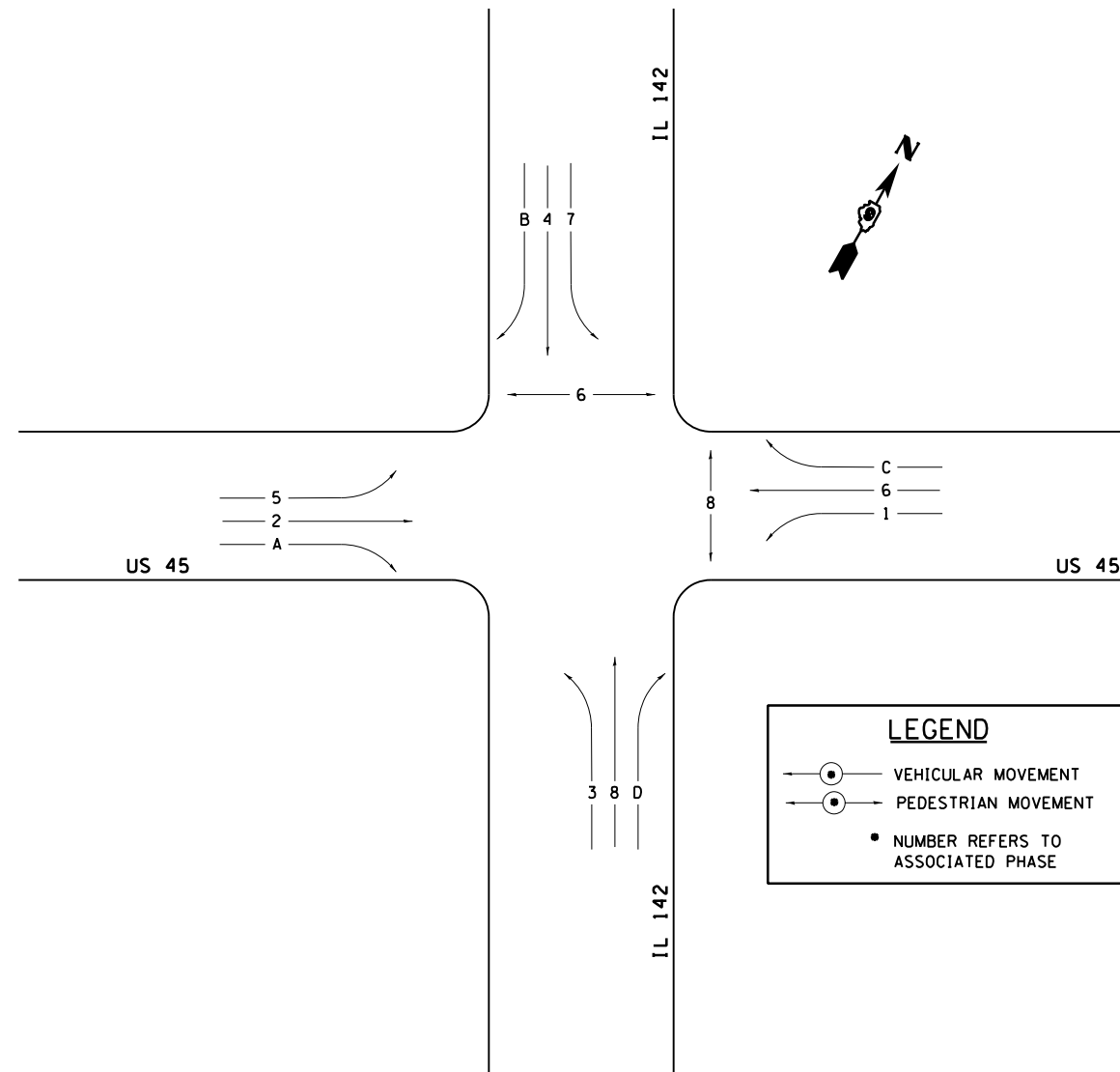




# PHASE DESIGNATION DIAGRAM

## IL 142 & US 45

REFERRING TO STANDARD 857001, THE  
VEHICULAR AND PEDESTRIAN PHASES  
USED ARE DESIGNATED AS SHOWN.



**LEGEND**

- ← ● — VEHICULAR MOVEMENT
- ← ● — PEDESTRIAN MOVEMENT
- NUMBER REFERS TO ASSOCIATED PHASE

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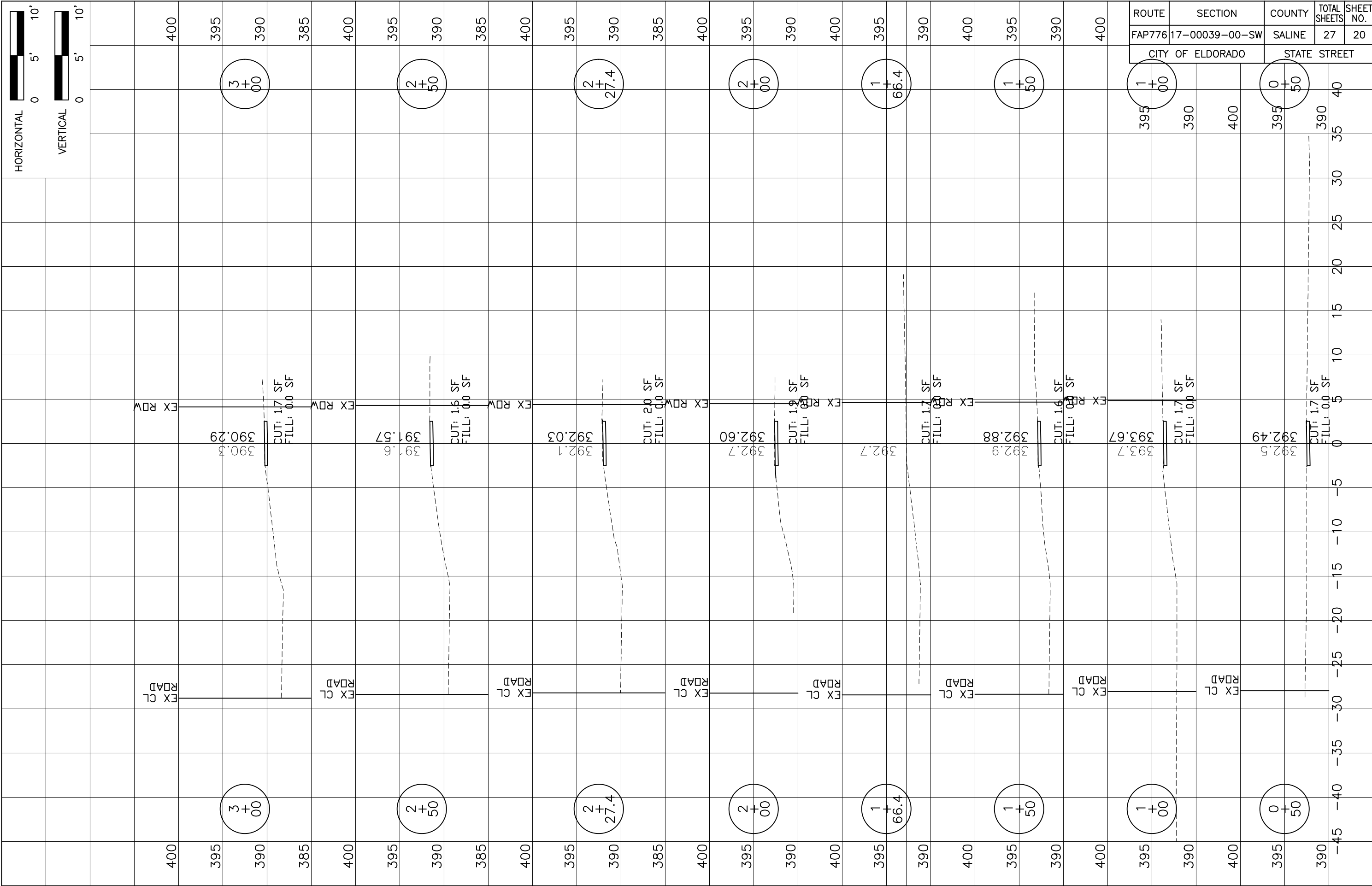
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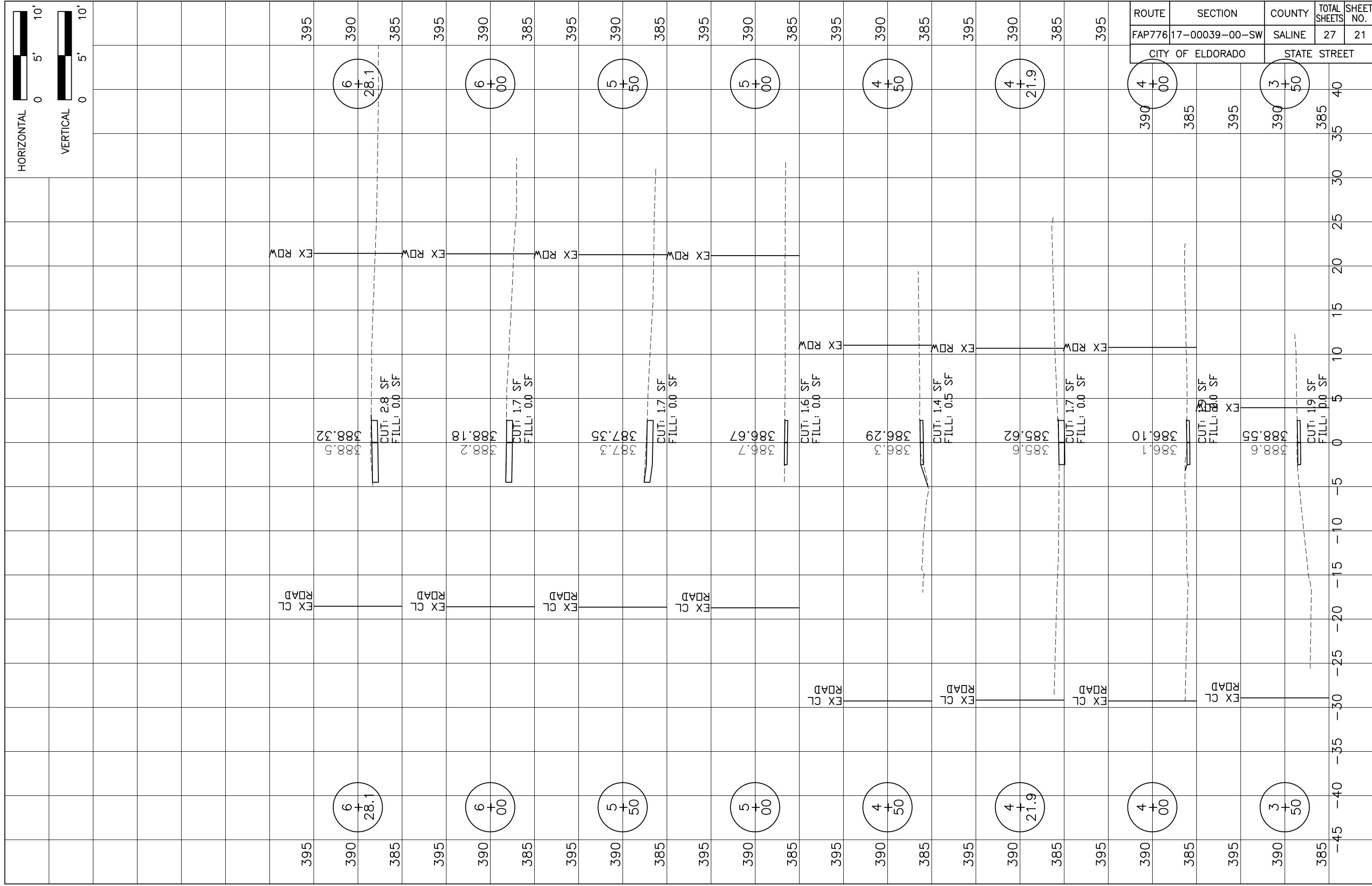
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

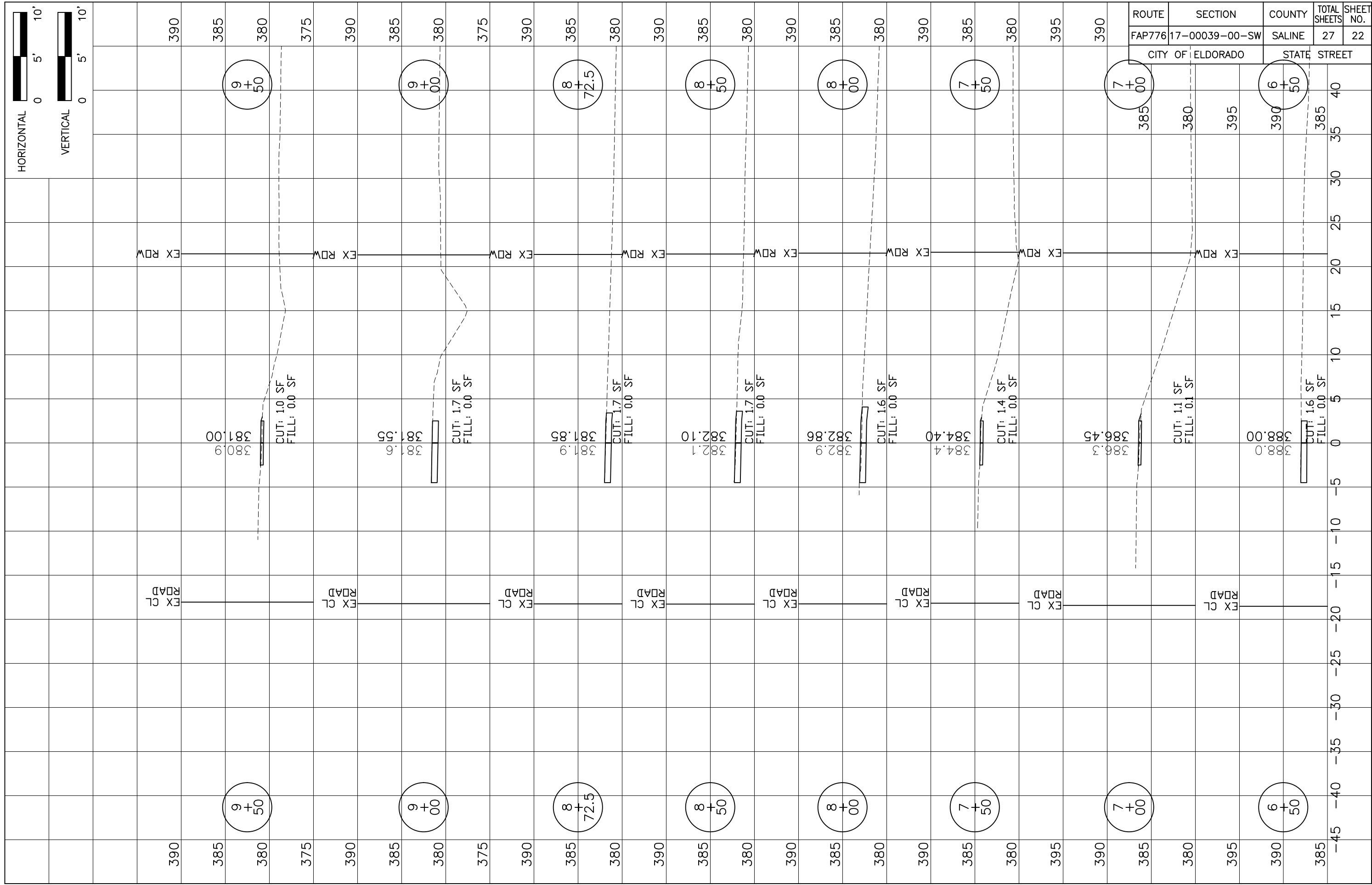
<b>PHASE DIAGRAM</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

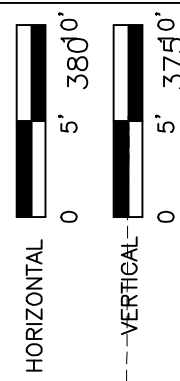
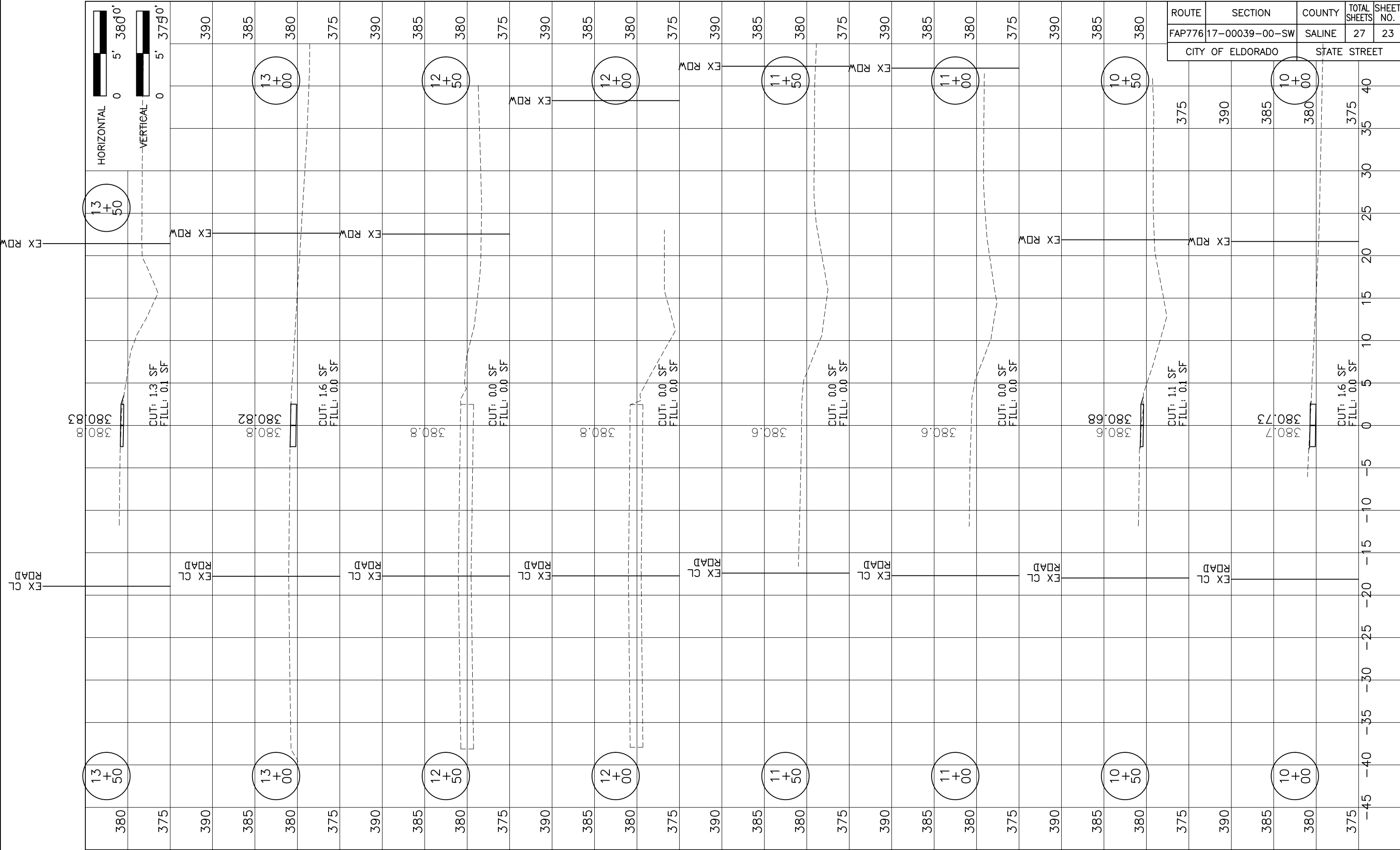
F.A.P. RTE. 776	SECTION 17-00039-00-SW	COUNTY SALINE	TOTAL SHEETS 27	SHEET NO. 18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 99663	







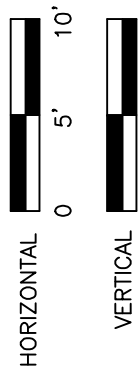
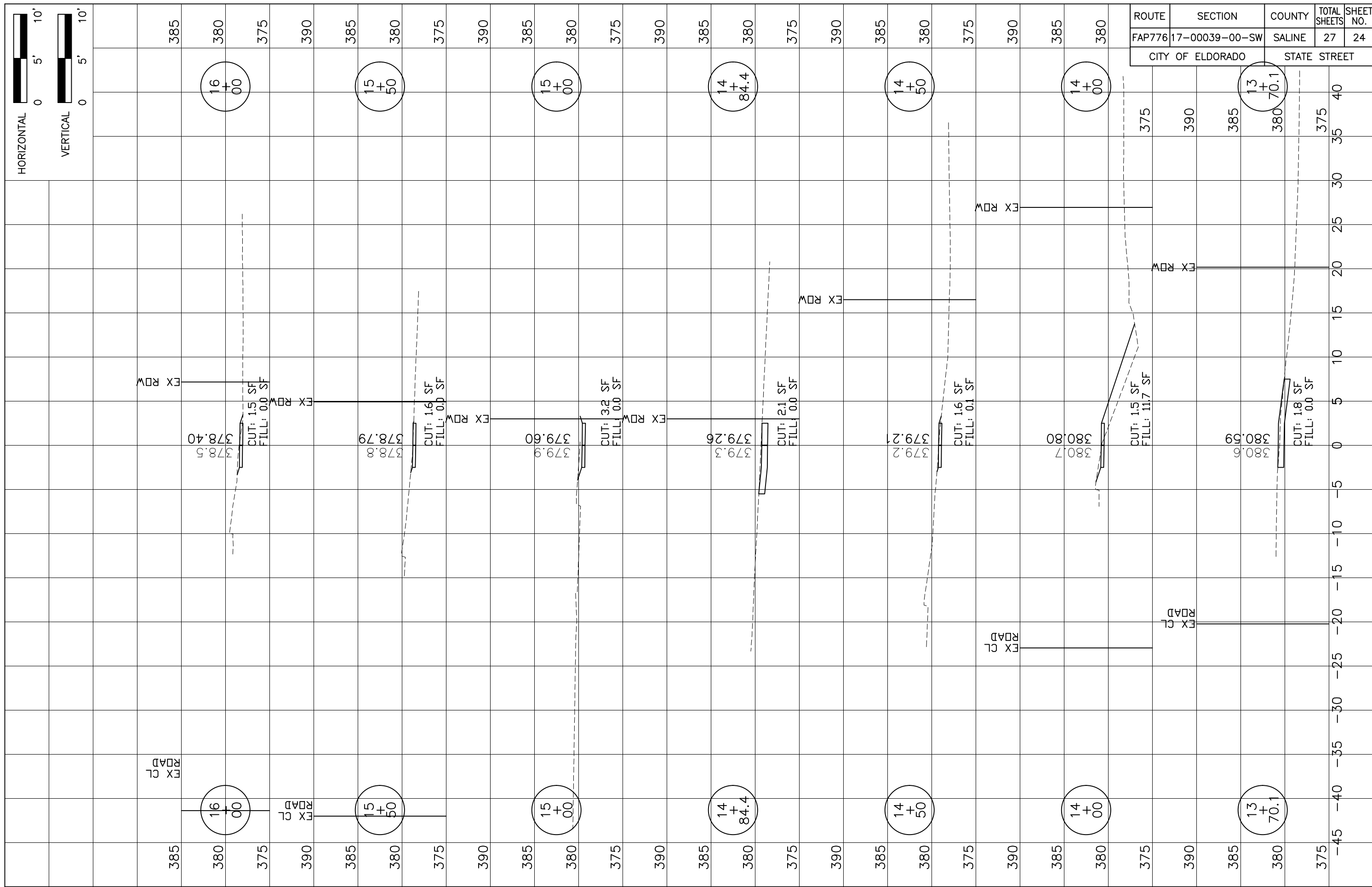




ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP776	17-00039-00-SW	SALINE	27	23

CITY OF ELDORADO STATE STREET

Station	Elevation	Notes
13+50	380	Vertical Curve Point
13+00	380	Vertical Curve Point
12+50	380	Vertical Curve Point
12+00	380	Vertical Curve Point
11+50	380	Vertical Curve Point
11+00	380	Vertical Curve Point
10+50	380	Vertical Curve Point
10+00	380	Vertical Curve Point
-45	375	Grid Line
-40	375	Grid Line
-35	375	Grid Line
-30	375	Grid Line
-25	375	Grid Line
-20	375	Grid Line
-15	375	Grid Line
-10	375	Grid Line
-5	375	Grid Line
0	375	Grid Line
5	375	Grid Line
10	375	Grid Line
15	375	Grid Line
20	375	Grid Line
25	375	Grid Line
30	375	Grid Line
35	375	Grid Line
40	375	Grid Line



EX RDW

378.5  
378.40  
CUT: 1.5 SF  
FILL: 0.0 SF

EX RDW

378.8  
378.79  
CUT: 1.6 SF  
FILL: 0.0 SF

EX RDW

379.9  
379.60  
CUT: 3.2 SF  
FILL: 0.0 SF

EX RDW

379.3  
379.26  
CUT: 2.1 SF  
FILL: 0.0 SF

EX RDW

379.2  
379.21  
CUT: 1.6 SF  
FILL: 0.1 SF

EX RDW

380.7  
380.80  
CUT: 1.5 SF  
FILL: 11.7 SF

EX RDW

380.6  
380.59  
CUT: 1.8 SF  
FILL: 0.0 SF

EX CL ROAD

EX CL ROAD

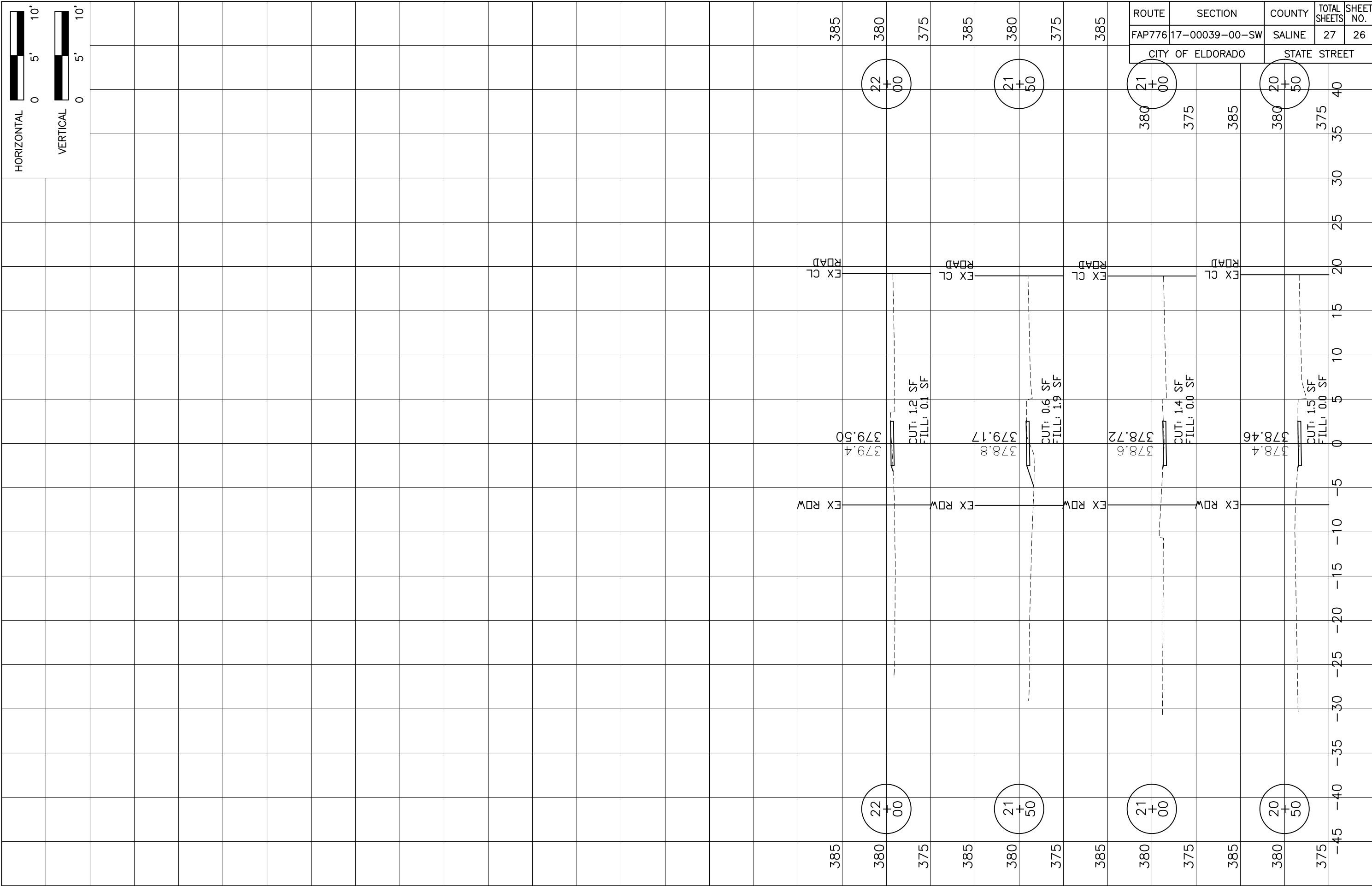
EX RDW

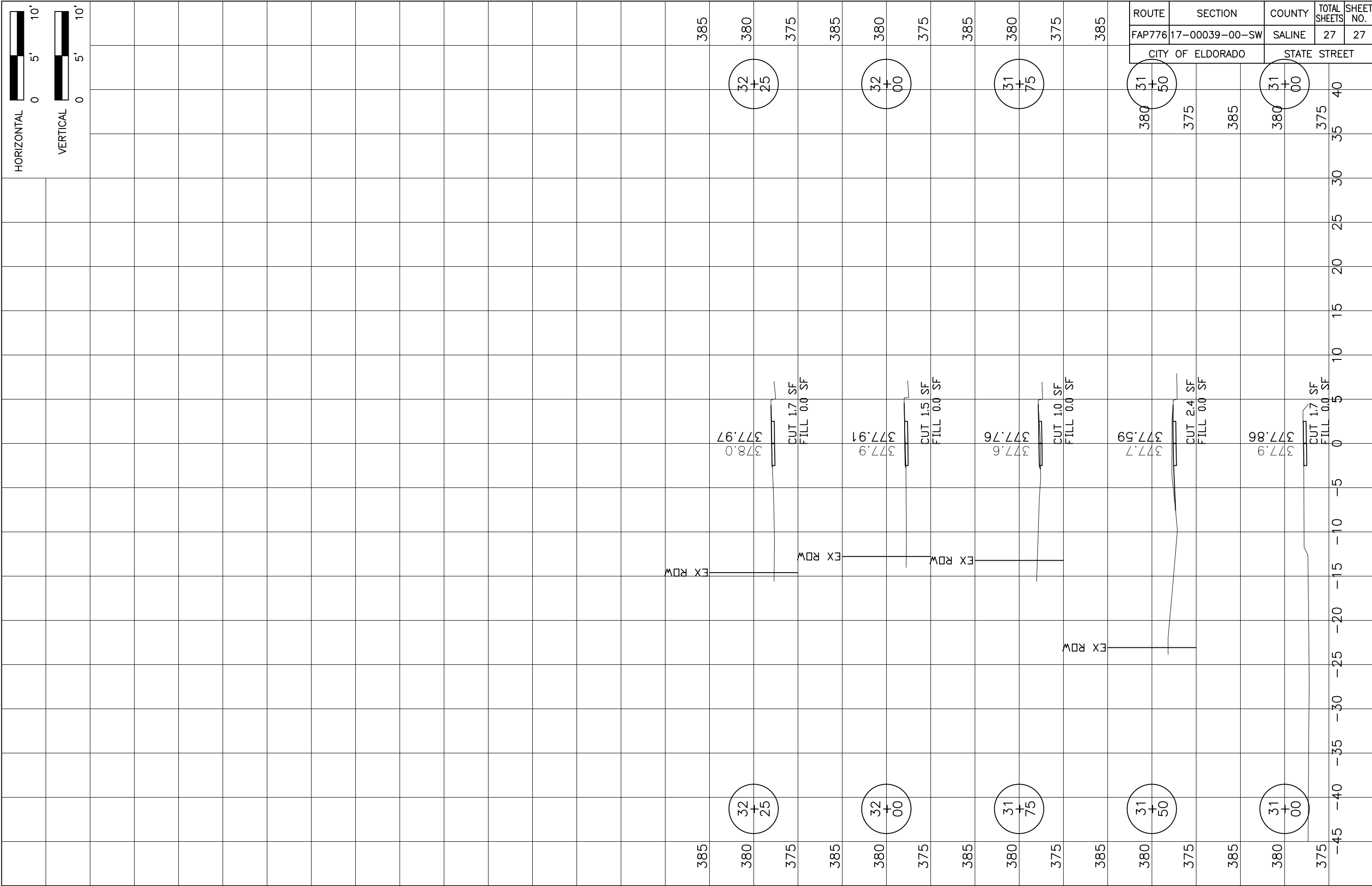
EX CL ROAD

EX CL ROAD









HORIZONTAL  
0 5' 10'

VERTICAL  
0 5' 10'