

03-08-2019 LETTING ITEM 172

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF STANDARDS, SEE SHEET NO. 2

DESIGN DESIGNATION

IL ROUTE 29 (MAIN STREET)  
OTHER PRINCIPAL ARTERIAL  
ADT = 22,200 (2015)  
PV = 93%  
MU = 2%  
SU = 5%

DRAWING SCALES

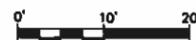
PROFILE VERTICAL: 1" = 5'



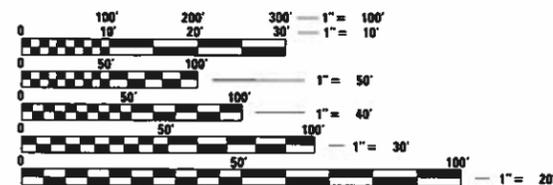
CROSS SECTION VERTICAL: 1" = 5'



CROSS SECTION HORIZONTAL: 1" = 10'



PLAN: 1" = 20'  
PROFILE HORIZONTAL: 1" = 20'



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

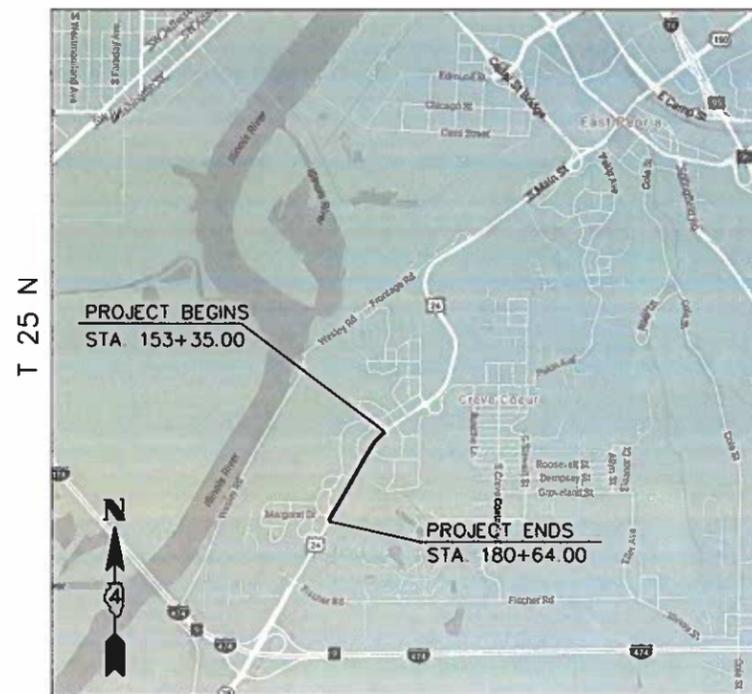
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

CATALOG NO. 035431-00  
CONTRACT NO. 89713

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

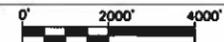
FAP ROUTE 669 (US 24/IL 29/MAIN STREET)  
SECTION 16-00045-01-SW  
FEDERAL PROJECT 05E2(122)  
RESURFACING, SIDEWALK AND LIGHTING CONSTRUCTION  
VILLAGE OF CREVE COEUR  
TAZEWELL COUNTY  
C-94-018-17  
ITEP# 441011

R 4 W



3rd P.M.

LOCATION MAP



GROSS LENGTH = 2,730 FT. = 0.517 MILES  
NET LENGTH = 2,730 FT. = 0.517 MILES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
669	16-00045-01-SW	TAZEWELL	155
		ILLINOIS	CONTRACT NO. 89713



LOCATION OF SECTION INDICATED THUS: -



*Kenneth M. Coulter* 12-27-18  
KENNETH M. COULTER DATE

ILLINOIS REGISTERED PROFESSIONAL ENGINEER  
No. 062-038839  
EXPIRATION DATE 11/30/19



APPROVED *December 27, 2018*  
*Fred Lang*  
VILLAGE OF CREVE COEUR

PASSED *January 3rd, 2019*  
*[Signature]*  
DISTRICT FOUR ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW *January 03, 2019*  
*Kensel A Barnett (KS)*  
REGION THREE ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

SHT. NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STANDARDS AND COMMITMENTS
3-4	GENERAL NOTES
5	STATUS OF UTILITIES
6-16	SUMMARY OF QUANTITIES
17	EXISTING TYPICAL SECTION
18	PROPOSED TYPICAL SECTIONS
19-21	SCHEDULE OF QUANTITIES
22	LINE DIAGRAM, ALIGNMENT TIES AND BENCHMARKS
23-28	REMOVAL PLANS   STA. 153+35 TO STA. 180+54
29-34	ROADWAY PLANS AND PROFILES   STA. 153+35 TO STA. 180+54
35-41	MAINTENANCE OF TRAFFIC - STAGES 1, 2, 3, 4, 5, AND 6
42-47	DRAINAGE PLANS AND PROFILES - LEFT   STA. 153+35 TO STA. 180+54
48-52	DRAINAGE PLANS AND PROFILES - RIGHT   STA. 158+50 TO STA. 180+54
53-58	RIGHT OF WAY PLANS
59-64	PAVEMENT MARKING, SIGNING AND EROSION CONTROL PLANS
65-75	LIGHTING PLANS
76-85	WATER MAIN PLANS AND PROFILES
86	WATER MAIN DETAILS
87-90	ADA RAMP DETAILS
91	IDOT DISTRICT 4 STANDARD 205001   SLOPE STEPS DETAIL
92-94	IDOT DISTRICT 4 STANDARD 406101   BUTT JOINTS
95-96	IDOT DISTRICT 4 STANDARD 423101   URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS
97-98	IDOT DISTRICT 4 STANDARD 423106   URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR SEPARATED SIDEWALKS
99-100	IDOT DISTRICT 4 STANDARD 423116   URBAN ENTRANCES, SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES
101	IDOT DISTRICT 4 STANDARD 424106   COMBINATION CONCRETE CURB-SIDEWALK 4" (SPECIAL)
102	IDOT DISTRICT 4 STANDARD 440001   HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
103	IDOT DISTRICT 4 STANDARD 602001   INLETS, TYPE G1
104	IDOT DISTRICT 4 STANDARD 602011   INLETS, TYPE G1 DOUBLE
105	IDOT DISTRICT 4 STANDARD 602021   INLET-MANHOLE, TYPE G1
106	IDOT DISTRICT 4 STANDARD 602101   PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR INLET-MANHOLE, TYPE G-1, SPECIAL
107	IDOT DISTRICT 4 STANDARD 604001   FRAME & GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES
108	IDOT DISTRICT 4 STANDARD 667106   PERMANENT SURVEY MARKER TYPE II (SPECIAL)
109-110	IDOT DISTRICT 4 STANDARD 780001   TYPICAL PAVEMENT MARKINGS
111	PIPE HANDRAIL DETAIL
112-155	CROSS SECTIONS   RT 29

**COMMITMENTS**

- 1) CONTRACTOR SHALL CONTACT PROPERTY OWNER AT STATION 166+00 LEFT, PRIOR TO BEGINNING WORK AT THIS DRIVEWAY. ENGINEER WILL PROVIDE CONTACT INFORMATION.
- 2) 10 INDIVIDUAL TREES AND 0.21 ACRES OF TREES ARE BEING REMOVED AND SHALL BE REPLACED WITH 8 BALLED AND BURLAPPED TREES AND 6 UNITS OF SEEDLINGS PER THE PLANS. THE DISTRICT 4 TREE COMMITTEE SHALL BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATION INCLUDED IN THE PLANS.
- 3) THE CONTRACTOR MAY ONLY WORK ON ONE ENTRANCE AT A TIME AT THE ENTRANCES TO THORNTONS (STA. 174+75 TO STA. 176+75). THE CONTRACTOR WILL BE REQUIRED TO WORK ON ONLY HALF OF EACH ENTRANCE AT A TIME WITH THE EXCEPTION OF WHEN THE STORM SEWER AND WATER MAIN IS INSTALLED. AT THE TIME OF THE STORM SEWER AND WATER MAIN INSTALLATION, THE DRIVEWAY TRENCH WILL BE BACKFILLED IMMEDIATELY AFTER THE PIPE IS PROPERLY IN PLACE AND THE TRENCH WILL BE COVERED AND OPENED TO TRAFFIC. STORM SEWER CONSTRUCTION AT THE ENTRANCES WILL OCCUR BETWEEN THE HOURS OF 9 A.M. AND 3 P.M. THE OWNER SHALL BE NOTIFIED AT LEAST 30 DAYS PRIOR TO THE START OF ANY NEW CONSTRUCTION AT THE ROUTE 29 ENTRANCES.

**LIST OF STANDARDS**

000001-07	602301-04	701101-05	814001-03
280001-07	602401-06	701106-02	814006-02
353001-05	620406-10	701427-05	821101-02
406201-01	602601-06	701602-10	825021-04
424001-11	602701-02	701701-10	830001-03
424006-04	604001-04	701801-06	830011-03
424011-04	604006-05	701901-08	836001-04
424021-05	604011-05	720001-01	838001-01
424026-03	606001-07	720006-04	
442201-03	667101-02	720011-01	
542301-03		728001-01	
		729001-01	
		731001-01	
		780001-05	
		781001-04	



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/29/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

IL. RTE. 29			
INDEX OF SHEETS, LIST OF STANDARDS AND COMMITMENTS			
SCALE: NONE	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	2
ILLINOIS			FED. AID PROJECT 05E2122)	
CONTRACT NO. 89713				

**105.06 AVAILABILITY OF ELECTRONIC FILES**

Micro Station and GEOPAK files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

**105.07 TREE REMOVAL – UTILITY RELOCATION**

Tree removal may be necessary prior to utility companies being able to relocate their facilities outside the construction limits. The Contractor should coordinate any contract tree removal activities with the utility companies to eliminate conflicts and potential delays caused by utility tree removal activities or incomplete utility relocations.

**105.09A PLAN ELEVATIONS – U. S. G. S. MEAN SEA LEVEL DATUM**

1. All elevations shown on the plans are established from U. S. G. S. mean sea level datum.

**107.09 PROPERTY OWNER ACCESS REQUIREMENTS**

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

**107.09 CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED**

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).

2. Adjacent sideroads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

**202.08 EARTH EXCAVATION – INCIDENTAL TO CURB, GUTTER & DRIVEWAY**

Earth excavation and backfill for proposed curb and gutters and driveway pavements shall be included in the unit cost of the various items.

**204.00 ENVIRONMENTAL REVIEWS**

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- \* BDE Form 2289 (Environmental Survey Request)
- \* BDE Form 2290 (Waste/Use Area Review)
- \* A location map showing the size limits and location of the use area
- \* Color photographs depicting the use area
- \* Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

**351.08 AGGREGATE FOR DRIVEWAY REPLACEMENT**

The material used for construction of permanent aggregate driveways shall be gravel or crushed stone, as directed by the Engineer, to replace in kind the existing aggregate driveways. No additional compensation shall be provided for this requirement but shall be considered as included in the cost of the pay item for the aggregate as specified on the plans.

**406.10 HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

Location(s):	IL ROUTE 29	IL ROUTE 29	DRIVEWAYS	
Mixture Use(s):	Polymer Surface Course 1.5"	Polymer Leveling Binder 1"	HMA Base Course, 4" or 6"	HMA Surface Course, 2"
PG:	SBS or SBR 76-28	SBS or SBR 76-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture):	IL 9.5	IL 4.75	IL 19.0	IL 9.5
Friction Aggregate:	Mix E	N/A	N/A	Mix C
Mixture Weight:	112#/SQ YD/IN	112#/SQ YD/IN	112#/SQ YD/IN	112#/SQ YD/IN
Quality Management: Program	QC/QA	QC/QA	QC/QA	QC/QA
Sublot Size	N/A	N/A	N/A	N/A
Number of Roller Passes	N/A	N/A	N/A	N/A

**Notes:**

- Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal aggregate size.
- For design purposes, mixture weight is determined to be 112.0 lb/s.y./in., unless otherwise noted.
- Sublot sizes for PFP and QCP mixes will be 700 tons, unless otherwise agreed to by the Engineer and the paving contractor.

**406.18 BUTT JOINT CUTTING TIME RESTRICTION**

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

**406.19 PAVING SURFACE COURSE**

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

**542.00 ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS**

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

**602.00 EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES**

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

**670.00 ENGINEERS FIELD OFFICE**

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e): All of the telephone lines provided shall have unpublished numbers.

**720.00 SIGNING**

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

**AMEREN GAS  
(REFER TO NOTES 1 AND 2)**

STATION	OFFSET LT / RT	PROPOSED CONFLICT ITEM	DISPOSITION
154+39.07	38.37 LT	WATER LINE TO HYDRANT	CAUTION OR RELOCATE
156+18.33	37.05 LT	8" WATER MAIN	CAUTION OR RELOCATE
159+84.88	33.07 LT	G1 STORM INLET	CAUTION OR RELOCATE
162+19.84	33.42 LT	G1 STORM INLET	CAUTION OR RELOCATE
162+31.13	32.91 LT	24" STORM SEWER PIPE	CAUTION OR RELOCATE
164+06.95	37.86 LT	24" STORM SEWER PIPE	CAUTION OR RELOCATE
164+39.55	64.77 RT	8" WATER MAIN	CAUTION OR RELOCATE
166+99.00	38.12 LT	4' DIA. STORM MANHOLE	RELOCATE
167+30.52	38.01 LT	4' DIA. STORM MANHOLE	RELOCATE
168+77.22	31.80 LT	G1 STORM INLET	RELOCATE
168+76.80	36.23 RT	12" STORM SEWER PIPE	CAUTION OR RELOCATE
168+76.82	50.43 RT	8" WATER MAIN	CAUTION OR RELOCATE
169+18.41	32.51 RT	5' DIA. INLET - MANHOLE	CAUTION OR RELOCATE
171+28.88	37.31 RT	12" STORM SEWER PIPE	CAUTION OR RELOCATE
172+15.97	37.20 RT	4' DIA. STORM MANHOLE	RELOCATE
172+96.54	38.41' RT	12" STORM SEWER PIPE	CAUTION OR RELOCATE
174+60.12	37.56' RT	12" STORM SEWER PIPE	CAUTION OR RELOCATE
175+69.23	37.46 RT	12" STORM SEWER PIPE	CAUTION OR RELOCATE
176+82.00	37.38 RT	12" STORM SEWER PIPE	CAUTION OR RELOCATE
177+89.05	37.47 RT	12" STORM SEWER PIPE	CAUTION OR RELOCATE
178+43.68	38.68 RT	18" STORM SEWER PIPE	CAUTION OR RELOCATE
178+66.62	42.19 RT	30" DIA. LIGHT POLE FOUND.	CAUTION OR RELOCATE
179+40.27	55.58 RT	8" WATER MAIN	CAUTION OR RELOCATE
179+48.26	59.46 RT	8" WATER MAIN	CAUTION OR RELOCATE
180+17.89	44.26 RT	G1 STORM INLET	CAUTION OR RELOCATE
180+41.21	42.32 RT	8" WATER MAIN	CAUTION OR RELOCATE

**ITV3 FIBER OPTIC  
(REFER TO NOTES 1 AND 2)**

STATION	OFFSET LT / RT	PROPOSED CONFLICT ITEM	DISPOSITION
173+85.94	49.81 RT	8" WATER LINE	CAUTION OR RELOCATE
174+54.45	41.10 RT	30" LIGHT FOUNDATION	RELOCATE
174+60.28	40.86 RT	12" STORM SEWER	CAUTION OR RELOCATE
175+32.81	41.29 RT	30" LIGHT FOUNDATION	RELOCATE
176+04.44	41.83 RT	12" STORM SEWER	CAUTION OR RELOCATE
176+06.94	41.08 RT	30" LIGHT FOUNDATION	RELOCATE
176+22.51	44.06 RT	STORM INLET	CAUTION OR RELOCATE
176+58.28	43.96 RT	STORM INLET	CAUTION OR RELOCATE
176+82.00	44.08 RT	4' DIA. STORM MANHOLE	RELOCATE
176+96.01	41.08 RT	30" LIGHT FOUNDATION	RELOCATE
177+78.80	41.20 RT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
178+00.00	44.32 RT	4' DIA. STORM MANHOLE	RELOCATE
175+94 to 178+17	44.0 RT	12" STORM SEWER	CAUTION OR RELOCATE
178+66.72	41.49 RT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
179+45.41	44.49 RT	12" STORM SEWER	CAUTION OR RELOCATE
179+65.39	42.66 RT	5' DIA. STORM MANHOLE	RELOCATE
180+17.70	42.96 RT	STORM INLET	RELOCATE
180+41.20	42.52 RT	8" WATER LINE	CAUTION OR RELOCATE
179+58 to 180+15	42.75 RT	12" STORM SEWER	CAUTION OR RELOCATE
153+35 to 180+64	LEFT	VARIOUS	CAUTION OR RELOCATE (FIBER IN ATT DUCT. LOCATION AND DEPTH NOT DETERMINED AT ALL LOCATIONS)

**AMEREN POWER POLES  
(REFER TO NOTES 1 AND 2)**

STATION	OFFSET LT / RT	EXISTING DISTANCE FROM CURB	DISPOSITION
154+34.74	42.02 LT	7.24	CAUTION OR RELOCATE
154+64.55	38.34 RT	5.8	RELOCATE
155+31.01	40.07 LT	6.9	CAUTION OR RELOCATE
155+75.13	41.53 RT	9.3	
156+76.93	43.64 LT	10.65	
157+19.67	38.41 RT	6.4	RELOCATE
158+19.42	40.55 RT	8.2	CAUTION OR RELOCATE
158+24.38	40.54 LT	7.5	CAUTION OR RELOCATE
159+14.85	37.79 RT	5.2	RELOCATE
160+67.27	39.00 RT	6.6	RELOCATE
160+75.36	44.07 LT	7.9	REMOVE
162+27.13	40.46 RT	8.4	CAUTION OR RELOCATE
163+47.77	39.43 RT	7.6	CAUTION OR RELOCATE
164+68.97	40.02 RT	8	CAUTION OR RELOCATE
166+13.59	39.80 RT	7.4	CAUTION OR RELOCATE
166+26.40	50.25 LT	17.5	CAUTION
167+22.8	49.30 LT	16.2	CAUTION
167+62.38	40.52 RT	7.8	CAUTION OR RELOCATE
169+20.33	41.11 RT	8.8	CAUTION OR RELOCATE
169+32.40	35.80 LT	3.7	RELOCATE
169+36.04	36.87 LT	4	RELOCATE
171+65.23	39.98 RT	7.4	CAUTION OR RELOCATE
171+85.98	50.55 LT	18.1	CAUTION OR RELOCATE
173+07.45	49.94 LT	17.7	CAUTION OR RELOCATE
173+15.77	37.34 RT	6	RELOCATE
173+95.94	40.24 RT	6.4	CAUTION OR RELOCATE
174+34.88	50.78 LT	18.2	CAUTION
175+74.60	41.24 RT	7.1	CAUTION OR RELOCATE
177+57.06	41.71 RT	9.3	CAUTION OR RELOCATE
179+03.83	43.90 LT	10.4	CAUTION
179+42.61	40.75 RT	6.6	CAUTION OR RELOCATE

**AT&T  
(REFER TO NOTES 1 AND 2)**

STATION	OFFSET LT / RT	UTILITY	PROPOSED CONFLICT ITEM	DISPOSITION
153+35 to 180+64	LEFT	DUCT CARRYING FIBER	VARIOUS	CAUTION OR RELOCATE (LOCATION AND DEPTH NOT DETERMINED AT ALL LOCATIONS)

Utility Name	Contact	Telephone Number	Additional Information
Ameren - Gas	Joshua Donlan	309-677-5368	JDonlan@ameren.com
Ameren - Electric	Edward Creighton	309-693-4774	ECreighton@ameren.com
ITV3 - Fiber	Lukas Dye	309-670-0400	engineering@itv-3.com
Comcast - Cable TV	James Vonbrethorst	309-686-2600	James.Vonbrethorst@comcast.com

**IDOT FIBER OPTIC  
(REFER TO NOTES 1 AND 2)**

STATION	OFFSET LT / RT	PROPOSED CONFLICT ITEM	RELOCATION REQUIRED
159+77.68	34.58 RT	STORM INLET	CAUTION OR RELOCATE
161+61.49	35.48 RT	24" STORM SEWER	CAUTION OR RELOCATE
161+65.38	31.26 RT	4' DIA. STORM MANHOLE	CAUTION OR RELOCATE
163+75.44	35.36 RT	24" STORM SEWER	CAUTION OR RELOCATE
165+12.28	35.13 RT	12" STORM SEWER	CAUTION OR RELOCATE
165+30.01	33.27 RT	STORM INLET	CAUTION OR RELOCATE
166+63.02	40.75 RT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
167+65.63	40.72 RT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
167+89.99	44.00 RT	4' DIA. STORM MANHOLE	CAUTION OR RELOCATE
167+92.03	39.56 RT	12" STORM SEWER	CAUTION OR RELOCATE
168+31.95	40.25 RT	12" STORM SEWER	CAUTION OR RELOCATE
168+56.15	40.86 RT	30" LIGHT FOUNDATION	RELOCATE
169+27.32	45.24 RT	FIRE HYDRANT	CAUTION OR RELOCATE
169+68.87	40.97 RT	30" LIGHT FOUNDATION	RELOCATE
170+68.15	40.89 RT	30" LIGHT FOUNDATION	RELOCATE
171+28.48	40.57 RT	12" STORM SEWER	CAUTION OR RELOCATE
171+34.09	41.20 RT	30" LIGHT FOUNDATION	RELOCATE
172+11.75	41.05 RT	30" LIGHT FOUNDATION	RELOCATE
172+15.98	39.21 RT	4' DIA. STORM MANHOLE	RELOCATE
172+96.34	38.82 RT	12" STORM SEWER	CAUTION OR RELOCATE
173+00.35	41.00 RT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
173+75.89	41.00 RT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
174+54.45	41.00 RT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
174+60.15	38.08 RT	12" STORM SEWER	CAUTION OR RELOCATE
175+32.81	41.29 RT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
175+78.92	38.68 RT	12" STORM SEWER	CAUTION OR RELOCATE
176+06.94	41.08 RT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
176+82	39.19 RT	12" STORM SEWER	CAUTION OR RELOCATE
176+96.01	41.09 RT	30" LIGHT FOUNDATION	RELOCATE
177+78.81	41.21 RT	30" LIGHT FOUNDATION	RELOCATE
177+93.26	40.11 RT	12" STORM SEWER	CAUTION OR RELOCATE
178+00.00	44.32 RT	4' DIA. STORM MANHOLE	RELOCATE
178+28.41	40.63 RT	12" STORM SEWER	CAUTION OR RELOCATE
178+66.79	41.45 RT	30" LIGHT FOUNDATION	RELOCATE
179+35.13	41.82 RT	12" STORM SEWER	CAUTION OR RELOCATE
179+65.42	42.59 RT	5' DIA. STORM MANHOLE	RELOCATE
180+18.74	41.59 RT	STORM INLET	RELOCATE
180+41.21	40.11 RT	8" WATER MAIN	CAUTION OR RELOCATE

**CABLE TV  
(REFER TO NOTES 1 AND 2)**

STATION	OFFSET LT / RT	CONFLICT ITEM	DISPOSITION
167+95.00	18.50 RT	12" STORM SEWER	CAUTION OR RELOCATE
168+18.93	31.36 LT	12" STORM SEWER	CAUTION OR RELOCATE
168+61.80	40.49 LT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
168+72.46	40.56 LT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
169+37.89	42.97 LT	30" LIGHT FOUNDATION	CAUTION OR RELOCATE
176+78.99	52.81 RT	8" WATER MAIN	CAUTION OR RELOCATE
176+79.11	44.08 RT	12" STORM SEWER	CAUTION OR RELOCATE
176+79.27	31.71 RT	STORM INLET	CAUTION OR RELOCATE
176+80.34	46.54 LT	8" WATER MAIN	CAUTION OR RELOCATE
176+80.45	54.02 LT	12" STORM SEWER	CAUTION OR RELOCATE

NOTES:

1) IDOT EMAILED PRELIMINARY PLAN INFORMATION TO MULTIPLE UTILITY COMPANIES IN FEBRUARY 2018. MIDWEST ENGINEERING ASSOCIATES DID NOT RECEIVE AT&T'S EXISTING UTILITY INFORMATION UNTIL JANUARY 2019. SINCE FINAL PLANS WERE SUBMITTED PRIOR TO RECEIPT OF AT&T'S INFORMATION, ONLY THE PLAN AND PROFILE SHEETS HAVE BEEN UPDATED TO INCLUDE INFORMATION RECEIVED FROM AT&T; THE AT&T INFORMATION IS NOT SHOWN ON THE CROSS SECTIONS.

2) REFER TO PLAN AND PROFILE SHEETS FOR APPROXIMATE LOCATION OF AT&T'S KNOWN UTILITIES.



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2.000 FT / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

IL RTE. 29		STATUS OF UTILITIES	
SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	5
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	47		47		
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	130		130		
	20100500	TREE REMOVAL, ACRES	ACRE	0.25		0.25		
	20200100	EARTH EXCAVATION	CU YD	1905		1905		
	20800150	TRENCH BACKFILL	CU YD	2574		1382		1192
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	250		250		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4894		4894		
	21301084	EXPLORATION TRENCH 84" DEPTH	FOOT	100				100
*	25000110	SEEDING, CLASS 1A	ACRE	1.25		1.25		
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	91		91		
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	91		91		
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	91		91		
*	25100115	MULCH, METHOD 2	ACRE	1.25		1.25		
*	25301800	SEEDLINGS	UNIT	6.0		6.0		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200		200		



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / In.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 6
CONTRACT NO. 89713			ILLINOIS FED. AID PROJECT 05E21227	

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
	28000400	PERIMETER EROSION BARRIER	FOOT	3966		3966		
	28000500	INLET AND PIPE PROTECTION	EACH	2				2
	28000510	INLET FILTERS	EACH	42				42
	28100825	STONE DUMPED RIPRAP, CLASS B3	TON	151		151		
	28200200	FILTER FABRIC	SQ YD	190		190		
	35101600	AGGREGATE BASE COURSE, TYPE B, 4"	SQ YD	4026		4026		
	40600295	POLYMERIZED BITUMINOUS MATERIAL (TACK COAT)	POUND	14403				14403
	40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1009				1009
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	134				134
	40600990	TEMPORARY RAMP	SQ YD	225				225
	40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	1513				1513
	40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	155		155		
△	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	361		245		116
△	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1243		845		398
△	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	20748		14109		6639

△ FINAL QUANTITIES SHALL BE SPLIT 32% STATE ONLY / 68% ITEP 80/20



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / In.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	7
CONTRACT NO. 89713			ILLINOIS FED. AID PROJECT 05E21227	

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
	42400800	DETECTABLE WARNINGS	SQ FT	152		152		
	44000100	PAVEMENT REMOVAL	SQ YD	154		154		
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	17869				17869
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2202		2202		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5930				5930
	44000600	SIDEWALK REMOVAL	SQ FT	379		379		
	44003100	MEDIAN REMOVAL	SQ FT	31		31		
	44201427	CLASS C PATCHES, TYPE II, 16 INCH	SQ YD	110				110
	44201431	CLASS C PATCHES, TYPE III, 16 INCH	SQ YD	139				139
	44201433	CLASS C PATCHES, TYPE IV, 16 INCH	SQ YD	1121				1121
	44213200	SAW CUTS	FOOT	3375				3375
	44213204	TIE BARS 3/4"	EACH	1204				1204
*	50901760	PIPE HANDRAIL	FOOT	410		410		
	52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1766		1766		
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2				2



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-5W	TAZEWELL	155	8
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2122				

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1671				1671
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	393				393
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	166				166
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	75				75
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	88				88
	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	6				6
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	102				102
	55100500	STORM SEWER REMOVAL 12"	FOOT	310				310
	55100700	STORM SEWER REMOVAL 15"	FOOT	372				372
	55101200	STORM SEWER REMOVAL 24"	FOOT	153				153
	55101900	STORM SEWER REMOVAL 48"	FOOT	38				38
*	56100015	DUCTILE IRON WATER MAIN TEE, 8" X 6"	EACH	1			1	
*	56100020	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH	2			2	
*	56100600	WATER MAIN 6"	FOOT	154			154	
*	56100700	WATER MAIN 8"	FOOT	3573			3573	



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / In.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	9
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E21222				

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
*	56105000	WATER VALVES 8"	EACH	15			15	
*	56108800	TAPPING VALVES AND SLEEVES 6"	EACH	1			1	
*	56108900	TAPPING VALVES AND SLEEVES 8"	EACH	3			3	
*	56200300	WATER SERVICE LINE 1"	FOOT	170			170	
*	56200700	WATER SERVICE LINE 2"	FOOT	40			40	
*	56201400	CORPORATION STOPS 1"	EACH	12			12	
*	56201800	CORPORATION STOPS 2"	EACH	4			4	
*	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	1			1	
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	13			13	
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	97		97		
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	14				14
	60219570	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1				1
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8				8
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	23				23
	60500060	REMOVING INLETS	EACH	16				16



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / In.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - #DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
SUMMARY OF QUANTITIES**

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 10
CONTRACT NO. 89713			ILLINOIS FED. AID PROJECT 05E21227	

SCALE: NONE SHEET 5 OF 11 SHEETS STA. TO STA.

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
	60601805	CONCRETE CURB TRANSITION	FOOT	63		63		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	16				16
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5224				5224
	60626500	TRANSITIONAL COMBINATION CONCRETE CURB AND GUTTER	FOOT	357		236		121
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	310		310		
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	2		2		
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1		1		
○	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	12		7.2		4.8
○	67100100	MOBILIZATION	LSUM	1		0.6		0.4
○	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	200		120		80
○	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	180		108		72
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	5100				5100
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1700				1700
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	413				413
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	5538				5538

○ FINAL QUANTITIES SHALL BE SPLIT 40% STATE ONLY / 60% ITEP 80/20



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / In.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE. 29  
SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	11
CONTRACT NO. 89713			ILLINOIS FED. AID PROJECT 05E21227	

SCALE: NONE SHEET 6 OF 11 SHEETS STA. TO STA.

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1108				1108
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	100				100
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	183				183
*	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	178				178
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	2			
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	5944	5944			
*	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	216	216			
*	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	6	6			
*	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	8670	8670			
*	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	4203	4203			
*	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	6372	6372			
*	81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	12429	12429			
*	81702145	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3	FOOT	2085	2085			
*	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	3207	3207			
*	81702155	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1	FOOT	120	120			



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / In.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - #DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
SUMMARY OF QUANTITIES**

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 12
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E21322				

SCALE: NONE SHEET 7 OF 11 SHEETS STA. TO STA.

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
*	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	2	2			
*	83009600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	EACH	27	27			
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	285	285			
*	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	176	176			
*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1	1			
	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	4				4
*	X0325379	DIRECTIONAL BORING	FOOT	490			490	
*	X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	57	57			
*	X0326659	CURED-IN-PLACE PIPE LINER, 18"	FOOT	528				528
*	X0326662	CURED-IN-PLACE PIPE LINER, 24"	FOOT	246				246
	X0326694	PLUG EXISTING STORM SEWERS	CU YD	5				5
*	X0327024	FIRE HYDRANTS TO BE REMOVED & SALVAGED	EACH	3			3	
	X0327301	RELOCATE EXISTING MAILBOX	EACH	7		7		
*	X0327555	TEMPORARY WATER SERVICE CONNECTION, (2" DIA. OR LESS)	EACH	15			15	
*	X0327747	WATER MAIN ENCASMENT	FOOT	563			563	



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / In.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 13
CONTRACT NO. 89713			ILLINOIS FED. AID PROJECT 05E21227	

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
*	X0327785	CURED-IN-PLACE PIPE LINER, 12"	FOOT	34				34
	X1200050	BOX CULVERT REMOVAL	FOOT	183				183
	X1200073	MANHOLE REMOVAL	EACH	11				11
	X1200209	TRENCH DRAIN REMOVAL	FOOT	74		74		
	X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	14670		9976		4694
△	X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	820		820		
	X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	300				300
	X5012650	CONCRETE HEADWALL REMOVAL SPECIAL	EACH	2				2
*	X5610640	PLUG EX WATER MAIN	EACH	6			6	
*	X5610647	PLUG WATER MAIN 8"	EACH	1			1	
*	X5610748	WATER MAIN LINE STOP 8"	EACH	1			1	
	X6020082	INLETS, TYPE G-1	EACH	34				34
	X6021814	INLET-MANHOLE, TYPE G-1, 4' DIAMETER	EACH	8				8
	X6021815	INLET-MANHOLE, TYPE G-1, 5' DIAMETER	EACH	2				2
	X6060505	CONCRETE CURB (SPECIAL)	FOOT	20		20		

△ FINAL QUANTITIES SHALL BE SPLIT 32% STATE ONLY / 68% ITEP 80/20

SUMMARY OF QUANTITIES					FUNDING CATEGORY \ CONSTRUCTION TYPE CODE			
SPECIALTY ITEM	PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP 50/50 0031	ITEP 80/20 0028	NON-PARTICIPATING 0043	STATE ONLY 100% STATE 0005
	X6060714	CONCRETE MEDIAN (SPECIAL)	SQ FT	157		157		
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1		0.6		0.4
○	*	X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	479			479
	*	X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	5538			5538
	*	X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1108			1108
	*	X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	100			100
	*	X8211125	LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL	EACH	27	27		
		XX000541	EXPLORATORY EXCAVATION	CU YD	62			62
	*	XX006570	TREES (SPECIAL)	EACH	8		8	
		XZ127900	RETAINING WALL REMOVAL	FOOT	232		232	
		Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	749		749	
	*	Z0007601	BUILDING REMOVAL NO. 1	LSUM	1		1	
	*	Z0007602	BUILDING REMOVAL NO. 2	LSUM	1		1	
		Z0013798	CONSTRUCTION LAYOUT	LSUM	1		0.6	0.4
○	*	Z0015000	CURB STOPS 1"	EACH	12		12	

○ FINAL QUANTITIES SHALL BE SPLIT 40% STATE ONLY / 60% ITEP 80/20



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 2,000 FT / In.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - #DATE	REVISED -

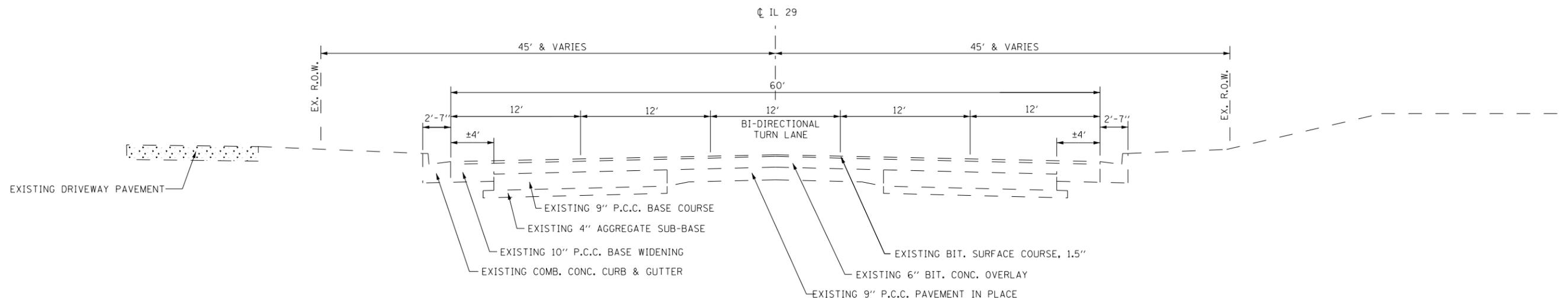
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	15
CONTRACT NO. 89713			ILLINOIS FED. AID PROJECT 05E21227	





**EXISTING TYPICAL SECTION – POPLAR ST. TO MARGARET DRIVE**

STA. 153+35 TO STA. 180+64



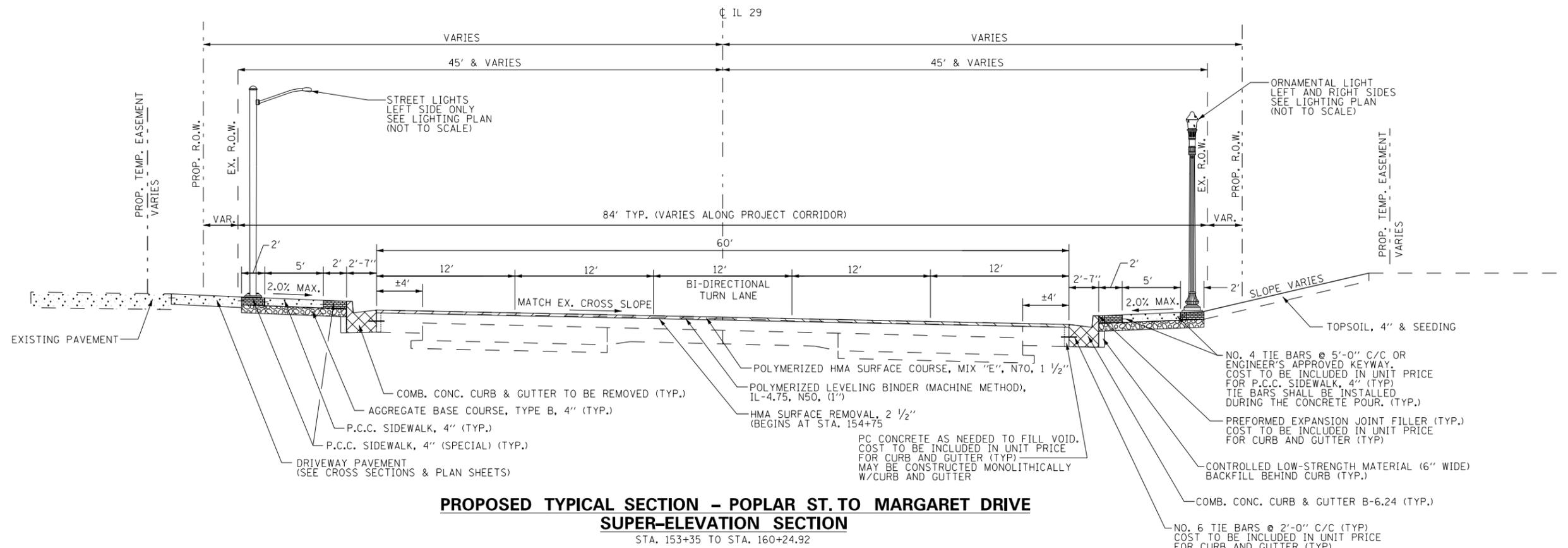
USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

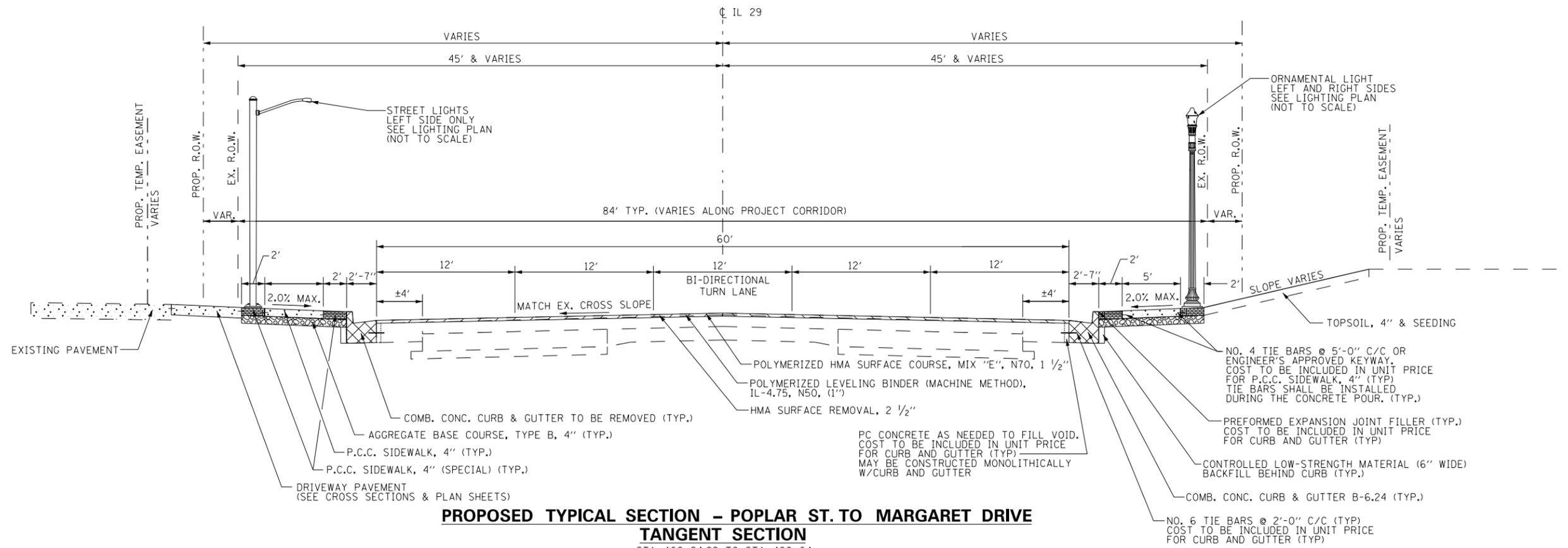
**IL. RTE. 29  
EXISTING TYPICAL SECTION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	17
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				



**PROPOSED TYPICAL SECTION – POPLAR ST. TO MARGARET DRIVE  
SUPER-ELEVATION SECTION**  
STA. 153+35 TO STA. 160+24.92



**PROPOSED TYPICAL SECTION – POPLAR ST. TO MARGARET DRIVE  
TANGENT SECTION**  
STA. 160+24.92 TO STA. 180+64

	USER NAME = IDOT	DESIGNED - KMC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. RTE. 29 PROPOSED TYPICAL SECTIONS</b>	F.A.P. RTE. = 669	SECTION = 16-00045-01-SW	COUNTY = TAZEWELL	TOTAL SHEETS = 155	SHEET NO. = 18		
	PLOT SCALE = 20.0000' / in.	CHECKED - RDC	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 89713			
	PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -			ILLINOIS FED. AID PROJECT 05E2(122)						

TREE REMOVAL			TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE REMOVAL, ACRES
STATION	OFFSET FT.	LT /RT	UNIT	UNIT	ACRES
STA. 156+65.00	49.0	LT		36	
STA. 157+28.24	57.3	LT		24	
STA. 157+52.09	57.3	LT		22	
STA. 159+75.40	37.7	LT		26	
STA. 159+96.70	38.9	LT		22	
STA. 160+96.20	45.9	RT	10		
STA. 161+14.10	47.5	RT	7		
STA. 161+23.60	45.0	RT	8		
STA. 161+34.00	45.1	RT	12		
STA. 161+49.00	42.7	RT	10		
STA. 162+50.00	TO STA. 165+45.00	LT			0.06
STA. 166+35.00	TO STA. 168+10.00	LT			0.04
STA. 166+95.00	TO STA. 167+75.00	RT			0.06
<b>TOTAL</b>			<b>47</b>	<b>130</b>	<b>0.25</b>

MEDIAN REMOVAL		MEDIAN REMOVAL
LOCATION		SQ FT
STA. 168+50.00	TO STA. 173+50.00	31
<b>TOTAL</b>		<b>31</b>

WASTE REMOVAL	NON-SPECIAL WASTE DISPOSAL	SPECIAL WASTE PLANS AND REPORTS	SOIL DISPOSAL ANALYSIS	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT
VARIOUS LOCATIONS	CUYD	L SUM	EACH	L SUM
STA. 154+75.00	TO STA. 180+64.00	310	1	2
<b>TOTAL</b>		<b>310</b>	<b>1</b>	<b>2</b>

FRAMES AND LIDS			FRAMES AND LIDS TO BE ADJUSTED
STATION	OFFSET FT.	LT /RT	EACH
154+54.3	39.0	RT	1
154+66.8	35.7	RT	1
154+71.5	47.3	LT	1
156+80.2	38.2	LT	1
158+83.0	34.0	LT	1
160+41.0	32.4	LT	1
161+95.3	13.4	LT	1
163+09.1	32.7	LT	1
163+59.7	36.8	RT	1
164+43.1	31.8	RT	1
165+99.2	31.4	RT	1
168+89.8	31.8	RT	1
169+33.7	43.1	LT	1
171+16.2	31.8	LT	1
172+28.8	32.0	RT	1
173+95.8	37.7	RT	1
175+08.3	31.8	LT	1
175+78.2	32.4	RT	1
177+68.4	39.7	RT	1
178+96.5	37.1	RT	1
179+06.6	31.5	LT	1
179+44.4	44.4	RT	1
180+07.0	35.6	LT	1
<b>TOTAL</b>			<b>23</b>

EXPLORATION TRENCH	EXPLORATION TRENCH 84" DEPTH	EXPLORATORY EXCAVATION
LOCATION	FOOT	CY YD
STA. 155+43	40' RT.	2
STA. 164+08	40' LT.	10
STA. 177+18	60' RT.	50
STA. 178+00	TO STA. 179+00	100
<b>TOTAL</b>		<b>62</b>

SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING
LOCATION	FOOT	FOOT
STA. 153+35	TO STA. 180+64	5100
<b>TOTAL</b>		<b>5,100</b>

DRIVEWAY AND SIDEWALK REMOVAL	DRIVEWAY PAVEMENT REMOVAL	SIDEWALK REMOVAL
LOCATION	SQ YD	SQ FT
STA 153+35.00	TO STA. 158+50.00	266
STA. 158+50.00	TO STA. 163+50.00	138
STA. 163+50.00	TO STA. 168+50.00	120
STA. 168+50.00	TO STA. 173+50.00	801
STA. 173+50.00	TO STA. 178+50.00	452
STA. 178+50.00	TO STA. 180+64.00	425
<b>TOTAL</b>		<b>379</b>

PAVEMENT AND HOT-MIX ASPHALT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	PAVEMENT REMOVAL
LOCATION	SQ YD	SQ YD	SQ YD
STA 153+35.00	TO STA. 158+50.00	67	
STA. 158+50.00	TO STA. 163+50.00	50	
STA. 163+50.00	TO STA. 168+50.00	63	
STA. 168+50.00	TO STA. 173+50.00	45	154.3
STA. 173+50.00	TO STA. 178+50.00		
STA. 178+50.00	TO STA. 180+64.00	67	67
<b>TOTAL</b>		<b>134</b>	<b>155</b>

CURB AND GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	
LOCATION	FOOT	
STA 153+35.00	TO STA. 158+50.00	929
STA. 158+50.00	TO STA. 163+50.00	1006
STA. 163+50.00	TO STA. 168+50.00	1020
STA. 168+50.00	TO STA. 173+50.00	1225
STA. 173+50.00	TO STA. 178+50.00	1275
STA. 178+50.00	TO STA. 180+64.00	475
<b>TOTAL</b>		<b>5,930</b>

STORM SEWER REMOVAL	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 48"	REMOVING INLETS	BOX CULVERT REMOVAL	MANHOLE REMOVAL	CONCRETE HEADWALL REMOVAL SPECIAL	FILLING EXISTING CULVERTS	PLUG EXISTING CULVERTS	TRENCH DRAIN REMOVAL
LOCATION	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	FOOT
STA 153+35.00	TO STA. 158+50.00	5			2		2				
STA. 158+50.00	TO STA. 163+50.00	71		47	3	91	3	1			
STA. 163+50.00	TO STA. 168+50.00	103			6	92	3	1	2	1	
STA. 168+50.00	TO STA. 173+50.00	46	262		1		1				74
STA. 173+50.00	TO STA. 178+50.00	37	110		2						
STA. 178+50.00	TO STA. 180+64.00	48		106	2		2				
<b>TOTAL</b>		<b>310</b>	<b>372</b>	<b>153</b>	<b>38</b>	<b>16</b>	<b>183</b>	<b>11</b>	<b>2</b>	<b>2</b>	<b>74</b>

MISCELLANEOUS REMOVALS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	REMOVAL OF LIGHTING UNIT, SALVAGE	BUILDING REMOVAL NO. 1	BUILDING REMOVAL NO. 2	RELOCATE EXISTING MAILBOX	FIRE HYDRANTS TO BE REMOVED & SALVAGED	PLUG EX WATER MAIN	PLUG WATER MAIN 8"	RETAINING WALL REMOVAL
LOCATION	EACH	EACH	L SUM	L SUM	EACH	EACH	EACH	EACH	FOOT
STA 153+35.00	TO STA. 158+50.00	29			2	1	1		
STA. 158+50.00	TO STA. 163+50.00	34	1		1				
STA. 163+50.00	TO STA. 168+50.00	34		1	1		1		232
STA. 168+50.00	TO STA. 173+50.00	34			1	1	1		
STA. 173+50.00	TO STA. 178+50.00	34			2	1			
STA. 178+50.00	TO STA. 180+64.00	13					3	1	
<b>TOTAL</b>		<b>178</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>3</b>	<b>6</b>	<b>232</b>

SIGN REMOVAL			REMOVE SIGN (SPECIAL)
STATION	OFFSET FT.	LT /RT	EACH
179+92	40	LT	1
<b>TOTAL</b>			<b>1</b>

EARTHWORK SUMMARY	TOPSOIL FURNISH AND PLACE, 4"	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH BALANCE WASTE (+) SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT
LOCATION	SQ YD	CU YD	CU YD	CU YD	CU YD	CU YD
STA 153+35.00 TO STA. 158+50.00	784.8	393.4	314.7	0.0	314.7	
STA. 158+50.00 TO STA. 163+50.00	918.8	253.8	203.0	30.9	172.1	
STA. 163+50.00 TO STA. 168+50.00	1,105.2	516.5	413.2	35.5	377.7	
STA. 168+50.00 TO STA. 173+50.00	761.4	307.9	246.3	4.9	241.4	
STA. 173+50.00 TO STA. 178+50.00	1003.5	355.0	284.0	3.2	280.8	
STA. 178+50.00 TO STA. 180+64.00	319.5	78	62.40	0.6	61.8	
ENTIRE PROJECT						250
<b>TOTAL</b>	<b>4,894</b>	<b>1,905</b>	<b>1,524</b>	<b>76</b>	<b>1,449</b>	<b>250</b>

DRIVEWAY SCHEDULE	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
LOCATION (STA. AT BACK OF CURB)	SQ YD	SQ YD
<b>LEFT SIDE</b>		
STA. 153+42.40 TO STA. 153+81.8		41.6
STA. 153+86.90 TO STA. 154+30.40		52.9
STA. 154+42.70 TO STA. 154+97.30		44.4
STA. 155+57.30 TO STA. 156+00.00		33.1
STA. 156+43.60 TO STA. 156+77.20	24.0	
STA. 156+97.10 TO STA. 157+70.20	63.0	
STA. 158+57.20 TO STA. 158+87.50	20.8	
STA. 159+02.50 TO STA. 159+76.30	57.9	
STA. 161+38.30 TO STA. 161+80.30		101.4
STA. 165+42.90 TO STA. 165+76.00	31.8	
STA. 165+78.10 TO STA. 166+50.10	57.5	
STA. 168+12.80 TO STA. 168+54.80		33.0
STA. 168+79.50 TO STA. 169+32.40		43.8
STA. 169+34.70 TO STA. 169+87.70		84.4
STA. 169+97.90 TO STA. 170+73.40		120.6
STA. 171+08.40 TO STA. 172+04.60		103.1
STA. 174+12.00 TO STA. 174+97.90	76.9	
STA. 175+21.50 TO STA. 175+74.60		80.5
STA. 176+52.50 TO STA. 177+05.50		96.8
STA. 179+42.10 TO STA. 179+95.10		42.9
<b>RIGHT SIDE</b>		
STA. 164+21.70 TO STA. 164+33.30	29.0	
STA. 170+08.20 TO STA. 170+61.20		44.0
STA. 170+82.90 TO STA. 171+17.10		57.0
STA. 172+26.70 TO STA. 172+93.40		57.8
STA. 174+61.40 TO STA. 175+14.40		101.6
STA. 176+13.90 TO STA. 176+67.00		104.1
<b>TOTAL</b>	<b>361</b>	<b>1,243</b>

EROSION CONTROL	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER
LOCATION	FOOT	FOOT
STA 153+35.00 TO STA. 158+50.00		499
STA. 158+50.00 TO STA. 163+50.00	5	976
STA. 163+50.00 TO STA. 168+50.00		950
STA. 168+50.00 TO STA. 173+50.00		355
STA. 173+50.00 TO STA. 178+50.00		774
STA. 178+50.00 TO STA. 180+64.00		412
<b>TOTAL</b>	<b>5</b>	<b>3,966</b>

INLET FILTER SCHEDULE			INLET AND PIPE PROTECTION		INLET FILTERS	
STR. NO.	LOCATION	OFFSET	EACH	EACH	EACH	EACH
S2	154+28.31	32.00' LT.			1	
S3	156+37.00	30.43' LT.			1	
S4	156+87.90	30.32' LT.			1	
S7	158+04.00	30.37' LT.			1	
S8	159+77.71	30.06' RT.			1	
S10	159+85.00	30.00' LT.			1	
S11	161+01.00	59.00' RT.	1			
S13	161+65.40	30.00' RT.			1	
S15	162+19.83	30.34' LT.			1	
S16	164+04.40	30.20' LT.			1	
S18	163+85.86	45.13' RT.			1	
S19	164+35.50	51.30' RT.			1	
S20	165+30.00	30.20' RT.			1	
S21	165+35.00	30.05' LT.			1	
S22	166+25.00	30.20' RT.			1	
S23	167+03.20	30.10' RT.			1	
S24	167+10.20	30.10' RT.			1	
S25	167+01.00	84.00' RT.	1			
S29	167+95.00	30.15' RT.			1	
S30	166+59.90	30.20' LT.			1	
S32	167+15.23	30.10' LT.			1	
S33	167+22.24	30.10' LT.			1	
S35	167+95.00	30.07' LT.			1	
S36	168+76.00	29.88' LT.			1	
S37	168+46.70	30.20' RT.			1	
S38	169+18.00	31.00' RT.			1	
S39	170+00.00	30.30' RT.			1	
S40	170+75.00	30.30' RT.			1	
S41	171+30.00	30.60' RT.			1	
S43	173+00.00	30.50' RT.			1	
S44	173+00.00	29.80' LT.			1	
S45	174+00.00	29.80' LT.			1	
S46	174+00.00	30.50' RT.			1	
S48	175+25.00	30.52' RT.			1	
S49	176+22.50	44.10' RT.			1	
S50	175+58.20	44.10' RT.			1	
S51	176+82.00	30.50' RT.			1	
S53	177+78.00	30.50' RT.			1	
S55	178+95.50	30.80' RT.			1	
S56	179+59.90	47.20' RT.			1	
S57	180+18.10	40.60' RT.			1	
S59	175+85.00	29.80' LT.			1	
S62	177+16.00	29.90' LT.			1	
S65	178+90.50	29.60' LT.			1	
<b>TOTAL</b>			<b>2</b>		<b>42</b>	

SIDEWALK RIGHT SIDE		PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL AT CURB	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL AT BK/WALK	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	AGGREGATE BASE COURSE TYPE B, 4"	DETECTABLE WARNINGS
LOCATION	BK/CURB or BK/WALK	SQ FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ FT
STA. 154+48.0							16.1
STA. 154+59.0 TO STA. 163+80.9	BK/WALK			1844.0		204.9	
STA. 154+54.7 TO STA. 163+72.2	BK/CURB	4750.0	1834.0			731.6	
STA. 163+75.0							14.9
STA. 164+55.0							17.3
STA. 164+68.3 TO STA. 166+50.0	BK/WALK			367.4		40.8	
STA. 164+60.3 TO STA. 168+58.6	BK/CURB	2425.0	796.6			358.0	
STA. 166+50.0 TO STA. 167+50.0	BK/WALK				200.0	22.2	
STA. 167+50.0 TO STA. 168+65.7	BK/WALK			231.4		25.7	
STA. 168+59.0							8.0
STA. 169+15.0							8.0
STA. 169+07.7 TO STA. 170+17.1	BK/WALK			215.5		23.9	
STA. 169+14.8 TO STA. 170+08.2	BK/CURB	507.0	183.0			76.7	
STA. 170+52.1 TO STA. 170+91.8	BK/WALK			75.4		8.4	
STA. 170+61.2 TO STA. 170+82.9	BK/CURB	153.5	47.4			22.3	
STA. 171+08.0 TO STA. 172+35.7	BK/WALK			253.8		28.2	
STA. 171+17.1 TO STA. 172+26.7	BK/CURB	593.1	223.2			90.7	
STA. 172+84.4 TO STA. 174+70.5	BK/WALK			368.1		40.9	
STA. 172+93.4 TO STA. 174+61.4	BK/CURB	885.3	340.1			136.2	
STA. 175+05.5 TO STA. 176+23.0	BK/WALK			231.0		25.7	
STA. 175+14.4 TO STA. 176+13.9	BK/CURB	542.6	203.0			82.8	
STA. 176+57.9 TO STA. 179+54.5	BK/WALK			576.9		64.1	
STA. 176+67.0 TO STA. 179+43.4	BK/CURB	1432.5	549.3			220.2	
STA. 179+38.7	BK/CURB	238.0				26.4	
STA. 179+47.0							18.6
STA. 179+56.0							10.0
STA. 180+14.0	BK/CURB	475.0				52.8	
STA. 180+31.0							28.7
<b>SUBTOTAL</b>		<b>12,002</b>	<b>4,177</b>	<b>4,164</b>	<b>200</b>	<b>2,282</b>	<b>122</b>
		<b>20,748</b>	<b>14,670</b>	<b>820</b>	<b>4,026</b>	<b>152</b>	

PAVING SCHEDULE		POLYMERIZED BITUMINOUS MATERIAL (TACK COAT)	POLYMERIZED LEV/ELING BINDER (MACHINE METHOD), IL-4.75, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "E", N70	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"
LOCATION		POUND	TON	TON	SQ YD
STA 153+35.00 TO STA. 158+50.00		2,005	140.3	210.5	
STA. 158+50.00 TO STA. 163+50.00		2,785	194.9	292.4	
STA. 163+50.00 TO STA. 168+50.00		2,890	202.3	303.5	
STA. 168+50.00 TO STA. 173+50.00		2,678	187.4	281.1	154.3
STA. 173+50.00 TO STA. 178+50.00		2,683	187.8	281.7	
STA. 178+50.00 TO STA. 180+64.00		1,362	95.3	143.0	
<b>TOTAL</b>		<b>14,403</b>	<b>1,009</b>	<b>1,513</b>	<b>155</b>

HMA DRIVEWAY SCHEDULE		HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"
LOCATION		SQ YD
<b>LEFT SIDE</b>		
STA. 154+41.40 TO STA. 155+32.10		79.2
STA. 155+66.40 TO STA. 155+90.90		40.0
STA. 157+30.60 TO STA. 157+45.30		36.9
STA. 158+66.90 TO STA. 158+78.30		17.0
STA. 159+36.90 TO STA. 159+67.30		32.2
STA. 165+57.20 TO STA. 165+69.80		15.8
STA. 166+11.10 TO STA. 166+24.00		19.5
STA. 168+21.80 TO STA. 169+33.10		88.5
STA. 171+10.30 TO STA. 171+59.70		27.5
STA. 174+21.00 TO STA. 174+33.70		59.9
STA. 174+77.20 TO STA. 174+88.80		74.6
STA. 179+12.10 TO STA. 180+46.00		183.7
<b>RIGHT SIDE</b>		
STA. 172+35.70 TO STA. 172+84.30		74.0
<b>TOTAL</b>		<b>749</b>

SIDEWALK LEFT SIDE		PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL (AT CURB)	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL (AT BK/WALK)	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	AGGREGATE BASE COURSE TYPE B, 4"	DETECTABLE WARNINGS
LOCATION	BK/CURB or BK/WALK	SQ FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ FT
STA. 153+42.4	TO STA. 153+54.2	BK/WALK			21.1		2.3
STA. 153+42.4	TO STA. 153+45.1	BK/CURB	36.4	7.5			4.9
STA. 153+72.7	TO STA. 153+96.1	BK/WALK			41.8		4.6
STA. 153+81.8	TO STA. 153+86.9	BK/CURB	71.4	14.2			9.5
STA. 154+20.8	TO STA. 154+52.6	BK/WALK			57.8		6.4
STA. 154+30.4	TO STA. 154+42.7	BK/CURB	110.1	28.7			15.4
STA. 154+88.1	TO STA. 155+66.4	BK/WALK			104.4		11.6
STA. 154+97.3	TO STA. 155+57.3	BK/CURB	338.8	124.0			51.4
STA. 155+90.9	TO STA. 156+52.8	BK/WALK			115.9		12.9
STA. 156+00.0	TO STA. 156+43.6	BK/CURB	263.7	91.4			39.5
STA. 156+68.1	TO STA. 157+06.2	BK/WALK			72.1		8.0
STA. 156+77.2	TO STA. 156+97.1	BK/CURB	144.7	43.7			20.9
STA. 157+61.3	TO STA. 158+66.5	BK/WALK			200.6		22.3
STA. 157+70.2	TO STA. 158+57.2	BK/CURB	471.0	174.9			71.8
STA. 158+78.4	TO STA. 159+23.0	BK/WALK			82.0		9.1
STA. 158+87.5	TO STA. 159+02.5	BK/CURB	144.7	35.6			20.0
STA. 159+67.2	TO STA. 160+22.3	BK/WALK			106.1	</	

STORM SEWER SCHEDULE			TRENCH BACKFILL	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 1 18"	STORM SEWERS, CLASS A, TYPE 1 24"	STORM SEWERS, CLASS A, TYPE 2 12"	STORM SEWERS, CLASS A, TYPE 2 24"	STORM SEWERS, CLASS A, TYPE 2 30"	STORM SEWERS, CLASS A, TYPE 2 36"	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	CURED-IN-PLACE PIPE LINER, 12"	CURED-IN-PLACE PIPE LINER, 18"	CURED-IN-PLACE PIPE LINER, 24"	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 36"
LOCATION			CU YD	FOOT	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT						
STA. 153+35.00	TO	STA. 158+50.00	2.50	52								34	401					
STA. 158+50.00	TO	STA. 163+50.00	129.9	61	156						1		127	246				
STA. 163+50.00	TO	STA. 168+50.00	425.6	762	70	10		88	6		2				30			
STA. 168+50.00	TO	STA. 173+50.00	242.40	554							1			48				
STA. 173+50.00	TO	STA. 178+50.00	324.50	189	164		75							149		327		
STA. 178+50.00	TO	STA. 180+64.00	67.20	53	159					102								35
<b>TOTAL</b>			<b>1,192</b>	<b>1,671</b>	<b>393</b>	<b>166</b>	<b>75</b>	<b>88</b>	<b>6</b>	<b>102</b>	<b>4</b>	<b>34</b>	<b>528</b>	<b>246</b>	<b>197</b>	<b>30</b>	<b>327</b>	<b>35</b>

STORM SEWER STRUCTURE SCHEDULE			PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE G-1	INLET-MANHOLE, TYPE G-1, 4' DIAMETER	INLET-MANHOLE, TYPE G-1, 5' DIAMETER
LOCATION			EACH	EACH	EACH	EACH	EACH	EACH	EACH
STA. 153+35.00	TO	STA. 158+50.00		3	1		3		
STA. 158+50.00	TO	STA. 163+50.00	1	1		2	3	1	
STA. 163+50.00	TO	STA. 168+50.00	1	4		4	10	2	1
STA. 168+50.00	TO	STA. 173+50.00		2			6	3	
STA. 173+50.00	TO	STA. 178+50.00		4			8	2	
STA. 178+50.00	TO	STA. 180+64.00				2	4		1
<b>TOTAL</b>			<b>2</b>	<b>14</b>	<b>1</b>	<b>8</b>	<b>34</b>	<b>8</b>	<b>2</b>

ELECTRIC STRUCTURES SCHEDULE			ELECTRIC SERVICE INSTALLATION	HANDHOLE PORTLAND CEMENT CONCRETE	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	LIGHT POLE FOUNDATION, 30" DIAMETER	LIGHT POLE FOUNDATION, 24" DIAMETER	BREAKAWAY DEVICE COUPLING WITH ALUMINUM SKIRT	LUMINAIRE LED, HORIZONTAL MOUNT, SPECIAL	LUMINAIRE LED, SPECIAL	ORNAMENTAL LIGHT UNIT, COMPLETE
LOCATION			EACH	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH
STA. 153+35.00	TO	STA. 158+50.00	0	0	0	5	32.5	45	5	5	27	9
STA. 158+50.00	TO	STA. 163+50.00	1	3	1	5	32.5	55	5	5	33	11
STA. 163+50.00	TO	STA. 168+50.00	0	0	0	5	32.5	50	5	5	30	10
STA. 168+50.00	TO	STA. 173+50.00	0	0	0	5	32.5	65	5	5	39	13
STA. 173+50.00	TO	STA. 178+50.00	1	3	1	5	32.5	55	5	5	33	11
STA. 178+50.00	TO	STA. 180+64.00	0	0	0	2	13.0	15	2	2	9	3
<b>TOTAL</b>			<b>2</b>	<b>6</b>	<b>2</b>	<b>27</b>	<b>175.5</b>	<b>285</b>	<b>27</b>	<b>27</b>	<b>171</b>	<b>57</b>

PATCHING SCHEDULE			CLASS C PATCHES, TYPE II, 16 INCH	CLASS C PATCHES, TYPE III, 16 INCH	CLASS C PATCHES, TYPE IV, 16 INCH	SAW CUTS	TIE BARS 3/4"
LOCATION			SQ YD	SQ YD	SQ YD	FOOT	EACH
STA. 153+35.00	TO	STA. 158+50.00	15.0	39.6	0.0	130	48
STA. 158+50.00	TO	STA. 163+50.00	24.7	16.0	164.6	413	296
STA. 163+50.00	TO	STA. 168+50.00	23.0	40.8	302.9	1,055	155
STA. 168+50.00	TO	STA. 173+50.00	17.7	42.3	123.0	584	125
STA. 173+50.00	TO	STA. 178+50.00	25.0	0.0	236.5	647	268
STA. 178+50.00	TO	STA. 180+64.00	5.0	0.0	293.5	546	312
<b>TOTAL</b>			<b>110</b>	<b>139</b>	<b>1,121</b>	<b>3,375</b>	<b>1,204</b>

HANDRAIL AND WALL			PIPE HANDRAIL	SEGMENTAL CONCRETE BLOCK WALL
LOCATION			FOOT	SQ FT
STA. 155+32.00	TO	STA. 155+55.00	LT	78
STA. 157+00.00	TO	STA. 157+28.50	LT	128
STA. 157+48.20	TO	STA. 158+00.00	LT	225
STA. 162+15.00	TO	STA. 163+00.00	RT	245
STA. 163+50.00	TO	STA. 165+35.00	RT	185
STA. 166+50.00	TO	STA. 167+50.00	RT	100
STA. 166+60.00	TO	STA. 167+85.00	LT	125
STA. 171+60.00	TO	STA. 173+87.00	LT	1,090
<b>TOTAL</b>				<b>410</b>

ELECTRIC CONDUIT/CABLE SCHEDULE			UNDERGROUND CONDUIT, PVC, 2" DIA.	UNDERGROUND CONDUIT, PVC, 4" DIA.	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1
LOCATION			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
STA. 153+35.00	TO	STA. 158+50.00	929	0	1326	0	0	2787	0	1,461	0
STA. 158+50.00	TO	STA. 163+50.00	1194	108	1674	0	1134	3786	0	1746	60
STA. 163+50.00	TO	STA. 168+50.00	1145	0	1650	0	3303	1653	0	0	0
STA. 168+50.00	TO	STA. 173+50.00	1170	0	1311	1806	1311	1806	0	0	0
STA. 173+50.00	TO	STA. 178+50.00	1206	108	2364	1842	624	1842	1740	0	60
STA. 178+50.00	TO	STA. 180+64.00	300	0	345	555	0	555	345	0	0
<b>TOTAL</b>			<b>5944</b>	<b>216</b>	<b>8670</b>	<b>4203</b>	<b>6372</b>	<b>12429</b>	<b>2085</b>	<b>3207</b>	<b>120</b>

WATER MAIN STRUCTURE SCHEDULE			WATER MAIN 6"	WATER MAIN 8"	TAPPING VALVES AND SLEEVES 6"	TAPPING VALVES AND SLEEVES 8"	WATER SERVICE LINE 1"	WATER SERVICE LINE 2"	CORPORATION STOPS 1"	CORPORATION STOPS 2"	CURB STOPS 1"	CURB STOPS 2"	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	PLUG EX WATER MAIN	PLUG WATER MAIN 8"	WATER VALVES 8"	DIRECTIONAL BORING	TEMPORARY WATER SERVICE CONNECTION (2" DIA. OR LESS)	WATER MAIN ENCASMENT	WATER MAIN LINE STOP 8"	TRENCH BACKFILL
LOCATION			EACH	FOOT	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FOOT	EACH	FOOT	EACH	CU YD
STA. 153+35.00	TO	STA. 158+50.00	16	238		1	10		1		1		2	1		1					92
STA. 158+50.00	TO	STA. 163+50.00	12	331			20		2		2					3	165			1	128
STA. 163+50.00	TO	STA. 168+50.00	24	758	1		10		1		1		2	1		2	175		70		293
STA. 168+50.00	TO	STA. 173+50.00	46	850			50	30	5	3	5	3	4	1		3	150		40		328
STA. 173+50.00	TO	STA. 178+50.00	36	1000			70	10	2	1	2	1	3			3			433		387
STA. 178+50.00	TO	STA. 180+64.00	20	396		2	10		1		1		2	3	1	3				20	154
ENTIRE PROJECT						2	10		1		1		2	3	1	3		15		20	
<b>TOTAL</b>			<b>154</b>	<b>3,573</b>	<b>1</b>	<b>3</b>	<b>170</b>	<b>40</b>	<b>12</b>	<b>4</b>	<b>12</b>	<b>4</b>	<b>13</b>	<b>6</b>	<b>1</b>	<b>15</b>	<b>490</b>	<b>15</b>	<b>563</b>	<b>1</b>	<b>1,382</b>

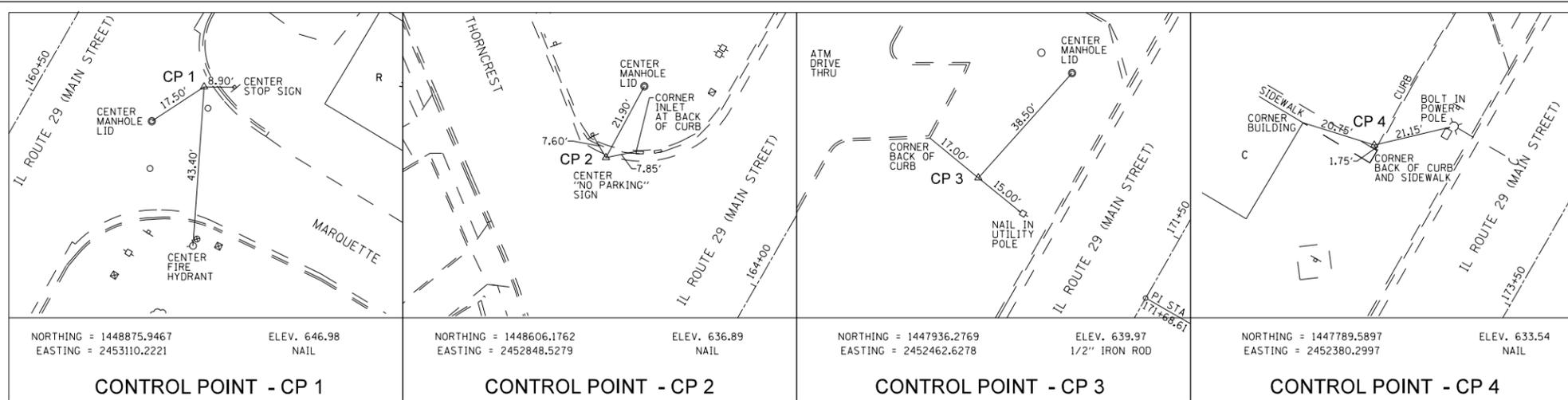
CONCRETE CURB AND GUTTER AND MEDIAN SCHEDULE			CONTROLLED LOW-STRENGTH MATERIAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE CURB TRANSITION	TRANSITIONAL COMBINATION CONCRETE CURB AND GUTTER	CONCRETE MEDIAN (SPECIAL)
LOCATION			CU YD	FOOT	FOOT	FOOT	FOOT	SQ FT
STA. 153+35.00	TO	STA. 158+50.00	LT	9.2			499	
STA. 158+50.00	TO	STA. 163+50.00	LT	7.7			415	
STA. 163+50.00	TO	STA. 168+50.00	LT	9.3			500	
STA. 168+50.00	TO	STA. 173+50.00	LT	9.3			500	18
STA. 173+50.00	TO	STA. 178+50.00	LT	9.3			500	49
STA. 178+50.00	TO	STA. 180+64.00	LT	3.8			205	
STA. 153+35.00	TO	STA. 158+50.00	RT	7.7			418	12
STA. 158+50.00	TO	STA. 163+50.00	RT	9.3			503	
STA. 163+50.00	TO	STA. 168+50.00	RT	9.6	16		487	31
STA. 168+50.00	TO	STA. 173+50.00	RT	8.4		63	456	99
STA. 173+50.00	TO	STA. 178+50.00	RT	9.3			501	108
STA. 178+50.00	TO	STA. 180+64.00	RT	4.4			240	40
<b>TOTAL</b>				<b>97</b>	<b>16</b>	<b>5,224</b>	<b>63</b>	<b>357</b>

PAVEMENT MARKING SCHEDULE			MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	RAISED REFLECTIVE PAVEMENT MARKER	
LOCATION			SQ FT	SQ FT	YELLOW FOOT	WHITE FOOT	WHITE FOOT	WHITE FOOT	WHITE FOOT	FOOT	ONE-WAY EACH	TWO-WAY EACH
STA. 154+64.00	TO	STA. 158+50.00	68.76	79.8	965.0	965.0	193.0	193.0	21.0	21.0	10	19
STA. 158+50.00	TO	STA. 163+50.00	103.14	119.7	1045.0	1045.0	209.0	209.0	17.1	17.1	11	23
STA. 163+50.00	TO	STA. 168+50.00	103.14	119.7	977.5	977.5	195.5	195.5	16.3	16.3	12	22
STA. 168+50.00	TO	STA. 173+50.00	68.76	79.8	1067.5	1067.5	213.5	213.5	17.3	17.3	12	23
STA. 173+50.00	TO	STA. 178+50.00	34.38	39.9	1250.0	1250.0	250.0	250.0	0.0	0.0	12	25
STA. 178+50.00	TO	STA. 180+64.00	34.38	39.9	232.5	232.5	46.5	46.5	28.3	28.3	6	8
<b>SUBTOTAL</b>			<b>413</b>	<b>479</b>	<b>5,538</b>	<b>5,538</b>	<b>1,108</b>	<b>1,108</b>	<b>100</b>	<b>100</b>	<b>63</b>	<b>120</b>
<b>TOTAL</b>			<b>413</b>	<b>479</b>	<b>5,538</b>	<b>5,538</b>	<b>1,108</b>	<b>1,108</b>	<b>100</b>	<b>100</b>	<b>183</b>	

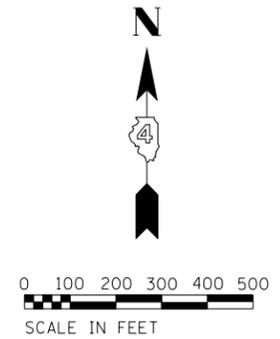
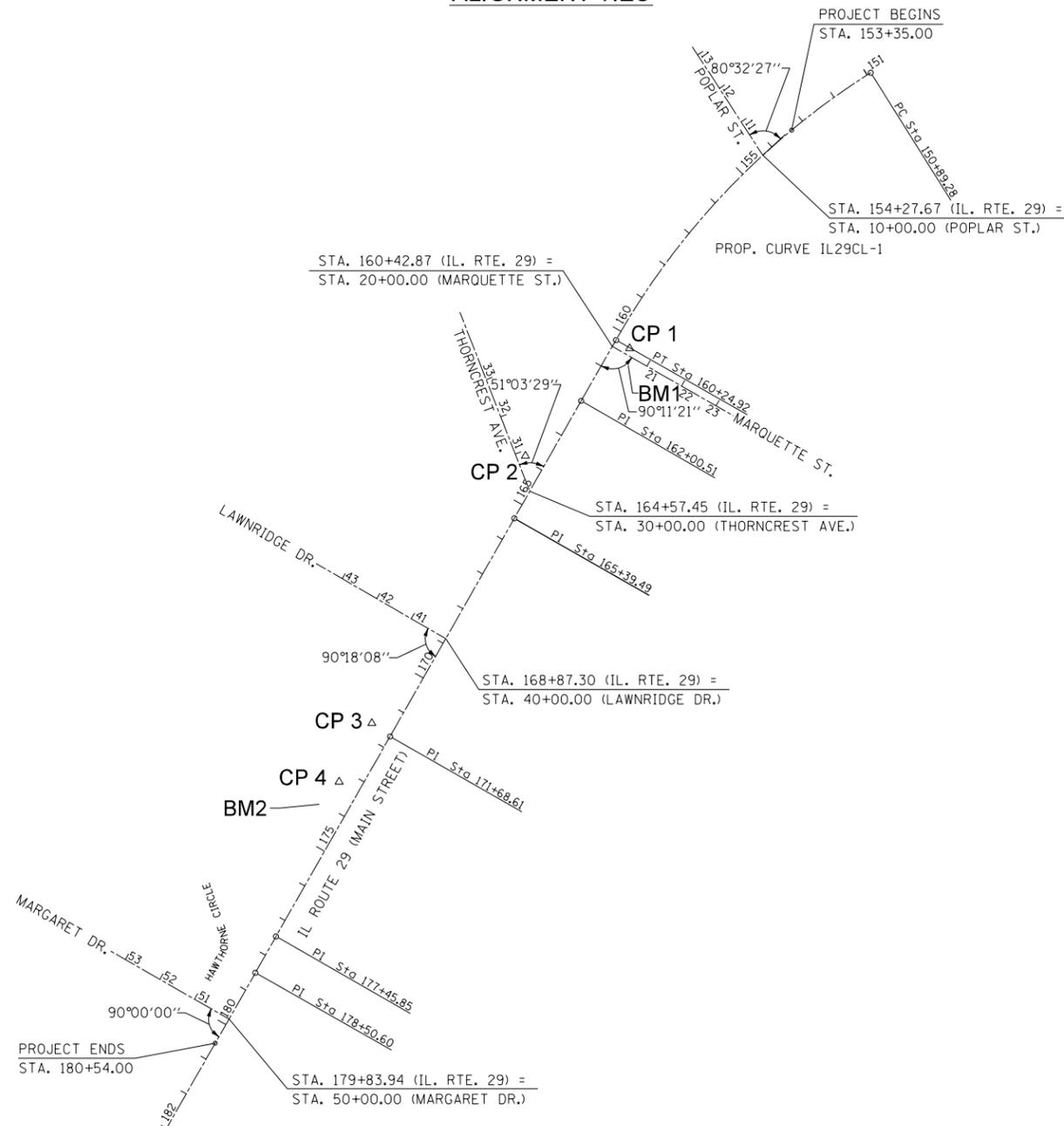
QUANTITIES NOT OTHERWISE SCHEDULED	ENGINEER'S FIELD OFFICE, TYPE B	MOBILIZATION	TRAFFIC CONTROL SURVEILLANCE	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	CHANGEABLE MESSAGE SIGN	CONSTRUCTION LAYOUT	MATERIAL TRANSFER DEVICE
LOCATION	CAL MO	L SUM	CAL DA	L SUM	CAL DA	L SUM	TON
IL-29	12	1	200	1	180	1	1513
<b>TOTAL</b>	<b>12</b>	<b>1</b>	<b>200</b>	<b>1</b>	<b>180</b>	<b>1</b>	<b>1513</b>



USER NAME = ID0T	DESIGNED - KMC	REVISED -
PLOT SCALE = 2,000 FT / in.	DRAWN - KRS DLC	



**ALIGNMENT TIES**



PROP. CURVE IL29CL-1  
 PI STA. = 155+57.10  
 $\Delta = 28^\circ 13' 30''$  (LT)  
 $D = 3^\circ 01' 00''$   
 $R = 1,899.31'$   
 $T = 477.52'$   
 $L = 935.64'$   
 $E = 59.11'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. \text{ RUN} = \text{---}$   
 $P.C. \text{ STA} = 150+89.28$   
 $P.T. \text{ STA} = 160+24.92$

**BENCHMARKS**

BENCHMARK NO. 1 (BM1):  
 CAP BOLT NEXT TO "M" IN MUELLER  
 FIRE HYDRANT STA. 160+64.85, 58.75' LT.  
 ELEVATION: 647.71

BENCHMARK NO. 2 (BM2):  
 CAP BOLT NEXT TO "M" IN MUELLER  
 FIRE HYDRANT STA. 174+04.73, 70.32' RT.  
 ELEVATION: 634.39



USER NAME = IDOT	DESIGNED - KMC	REVISED -
PLOT SCALE = 400.000 FT / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - CSA	REVISED -
	DATE - \$DATE	REVISED -

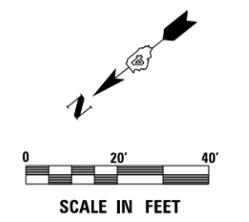
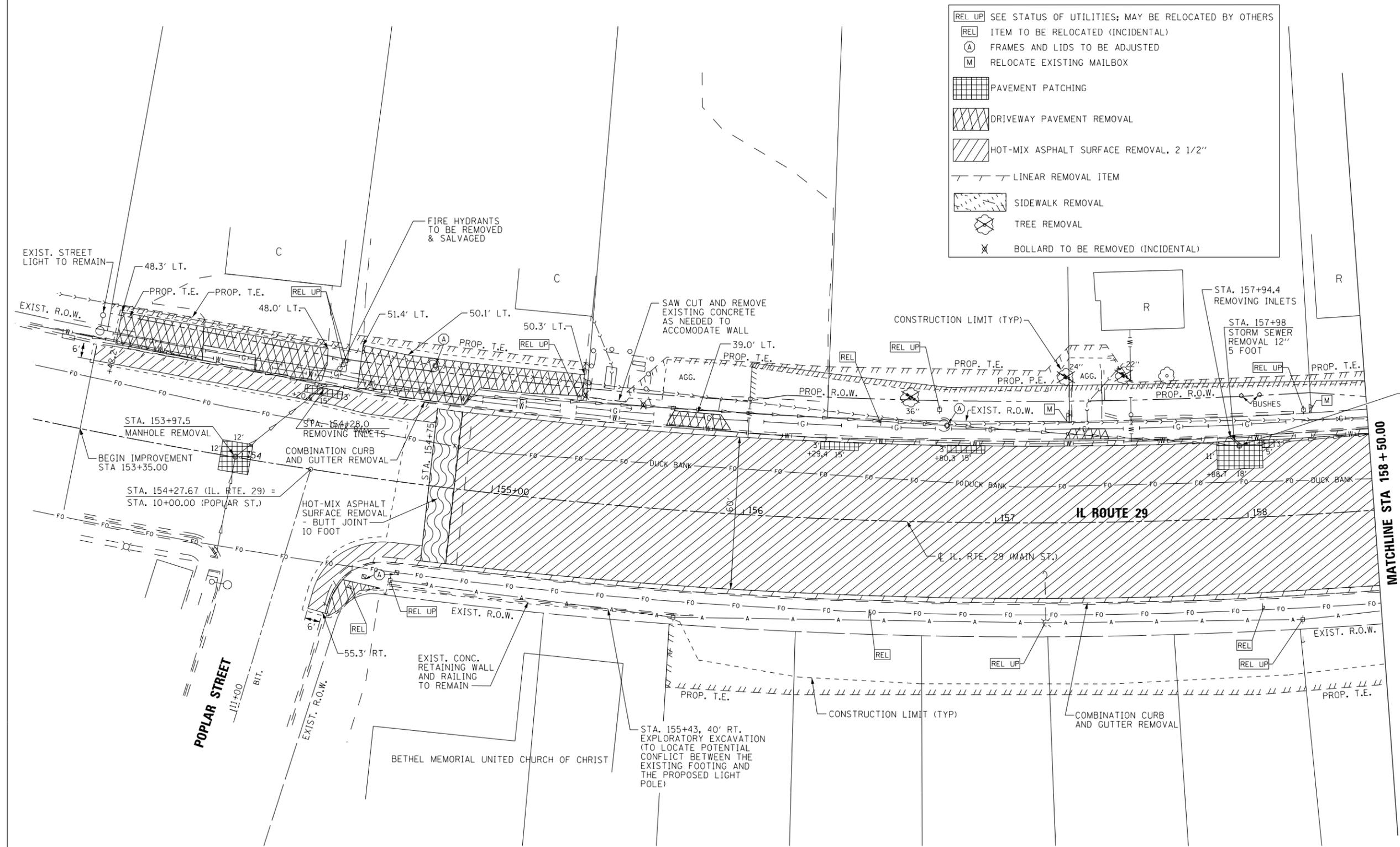
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29**  
**LINE DIAGRAM, ALIGNMENT TIES AND BENCHMARKS**

SCALE: 1" = 400' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	13-00045-01-SW	TAZEWELL	155	22
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

REL UP	SEE STATUS OF UTILITIES; MAY BE RELOCATED BY OTHERS
REL	ITEM TO BE RELOCATED (INCIDENTAL)
A	FRAMES AND LIDS TO BE ADJUSTED
M	RELOCATE EXISTING MAILBOX
[Grid Pattern]	PAVEMENT PATCHING
[Diagonal Lines]	DRIVEWAY PAVEMENT REMOVAL
[Hatched Pattern]	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
[Dashed Line]	LINEAR REMOVAL ITEM
[Stippled Pattern]	SIDEWALK REMOVAL
[Tree Symbol]	TREE REMOVAL
[X Symbol]	BOLLARD TO BE REMOVED (INCIDENTAL)



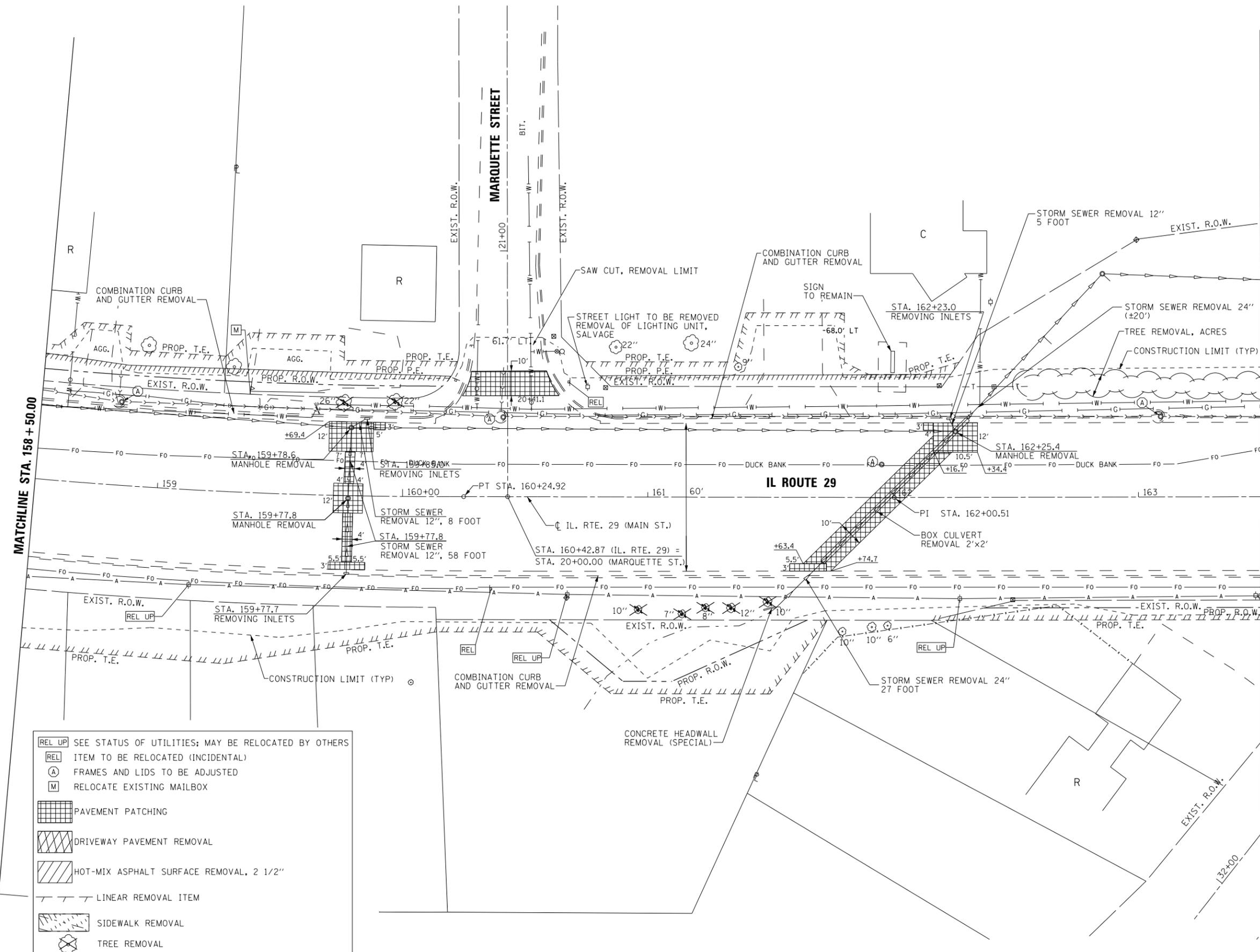
	USER NAME = IDOT	DESIGNED - KMC	REVISED -
		DRAWN - KRS DLC	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED - RDC	REVISED -
	PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

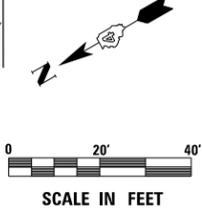
**IL. RTE. 29**  
**REMOVAL PLAN**

SCALE: 1" = 20'    SHEET 1 OF 6 SHEETS    STA. 153+35 TO STA. 158+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	23
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				



- REL UP SEE STATUS OF UTILITIES; MAY BE RELOCATED BY OTHERS
- REL ITEM TO BE RELOCATED (INCIDENTAL)
- A FRAMES AND LIDS TO BE ADJUSTED
- M RELOCATE EXISTING MAILBOX
- PAVEMENT PATCHING
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- LINEAR REMOVAL ITEM
- SIDEWALK REMOVAL
- TREE REMOVAL



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0032' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

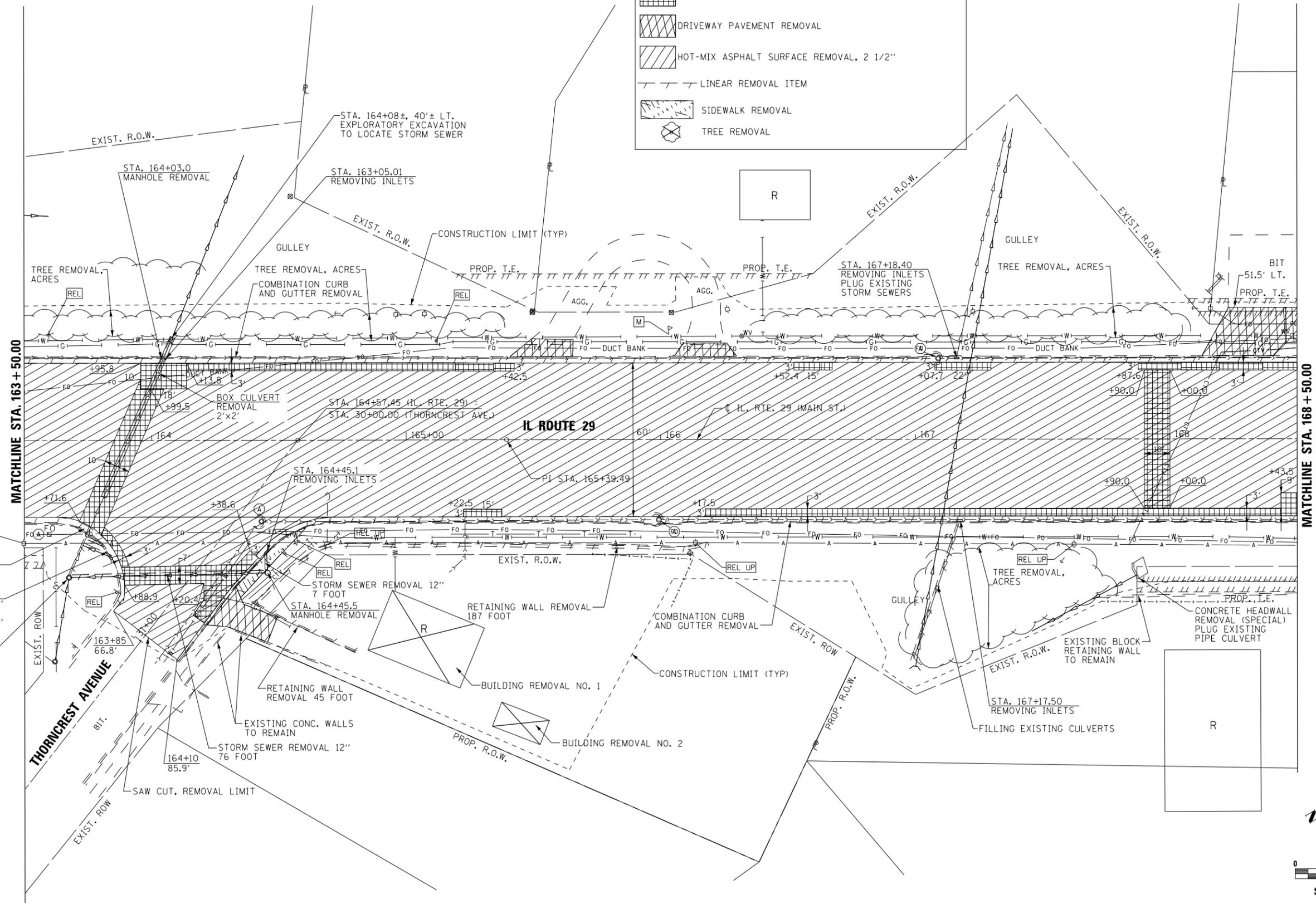
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE. 29  
REMOVAL PLAN**

SCALE: 1" = 20'    SHEET 2 OF 6 SHEETS    STA. 158+50 TO STA. 163+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	24
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

- [REL UP] SEE STATUS OF UTILITIES; MAY BE RELOCATED BY OTHERS
- [REL] ITEM TO BE RELOCATED (INCIDENTAL)
- [A] FRAMES AND LIDS TO BE ADJUSTED
- [M] RELOCATE EXISTING MAILBOX
- [Grid Pattern] PAVEMENT PATCHING
- [Diagonal Lines] DRIVEWAY PAVEMENT REMOVAL
- [Hatched] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- [Dashed Line] LINEAR REMOVAL ITEM
- [Stippled] SIDEWALK REMOVAL
- [Tree Symbol] TREE REMOVAL

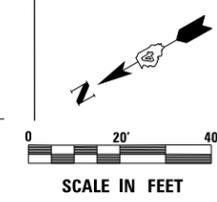
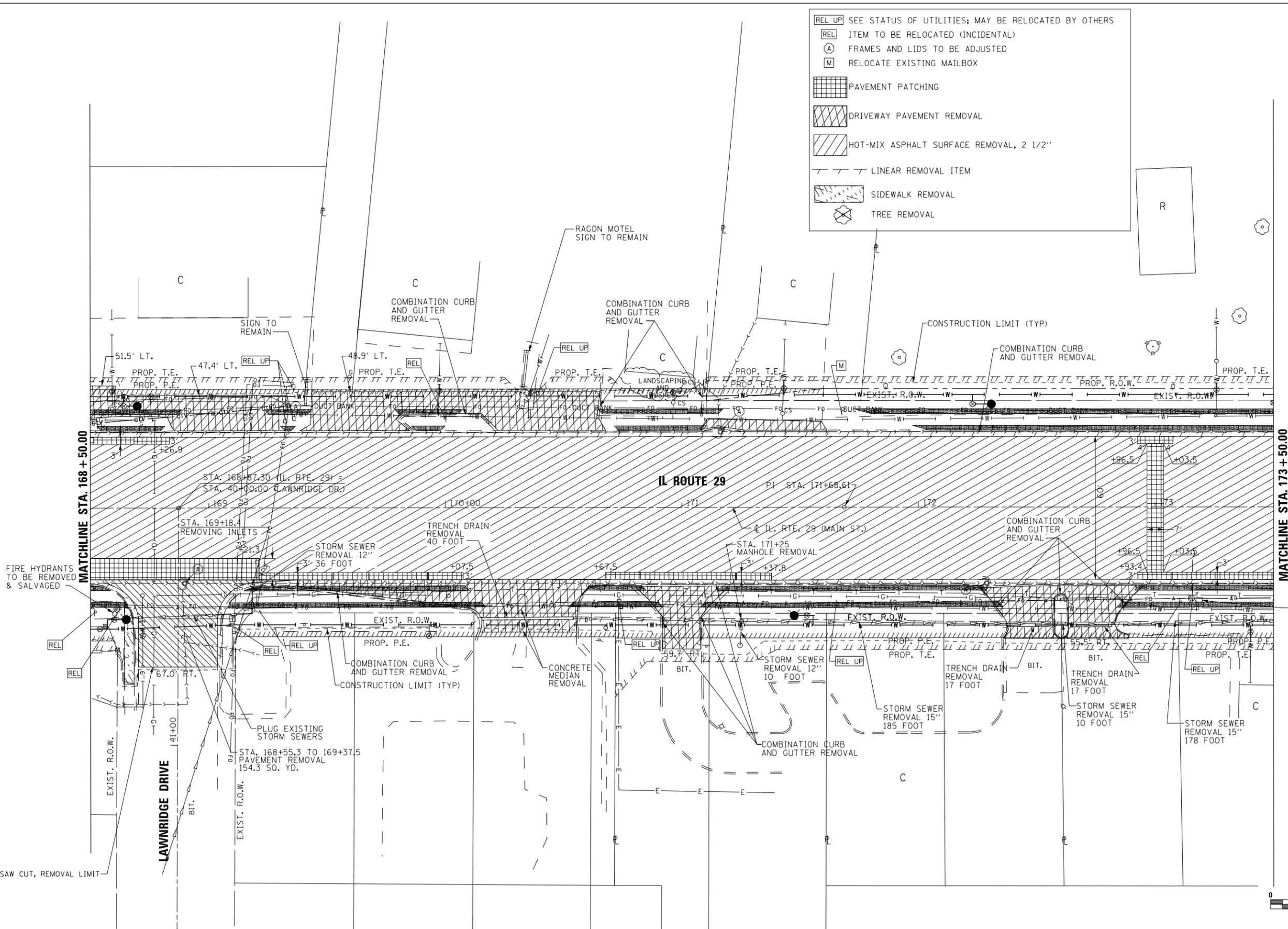


USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0032' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 20'		SHEET 3 OF 6 SHEETS		STA. 163+50 TO STA. 168+50		<b>IL. RTE. 29 REMOVAL PLAN</b>	
						F.A.P. RTE. 669	SECTION 16-00045-01-SW
						CONTRACT NO. 89713	
						ILLINOIS FED. AID PROJECT 05E2(122)	

- REL UP SEE STATUS OF UTILITIES; MAY BE RELOCATED BY OTHERS
- REL ITEM TO BE RELOCATED (INCIDENTAL)
- A FRAMES AND LIDS TO BE ADJUSTED
- M RELOCATE EXISTING MAILBOX
- PAVEMENT PATCHING
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- LINEAR REMOVAL ITEM
- SIDEWALK REMOVAL
- TREE REMOVAL



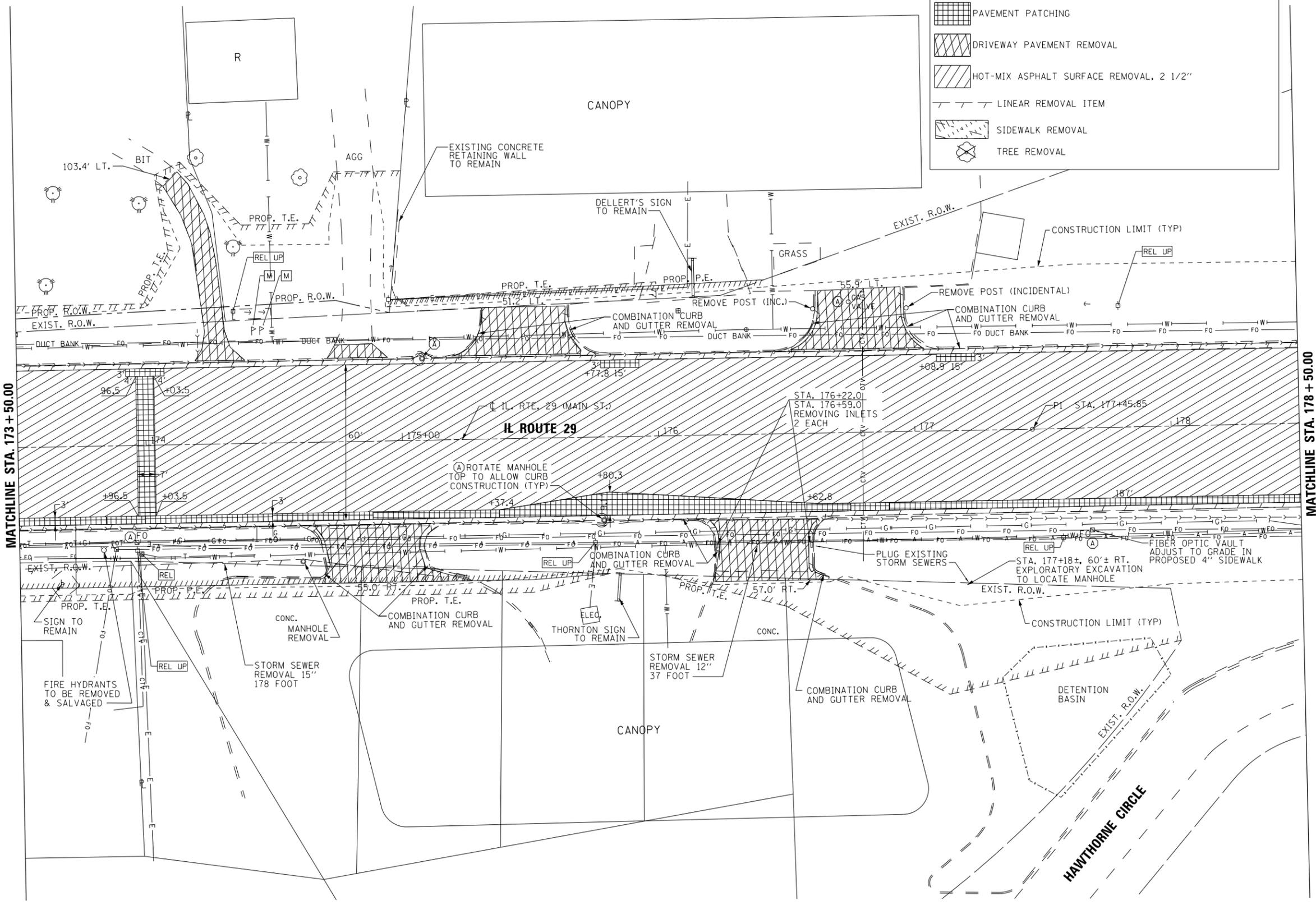
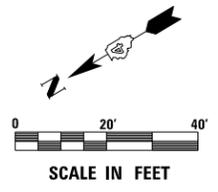
USER NAME = IDOT	DESIGNED - KMC	REVISED -
PLOT SCALE = 40.0032' / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - RDC	REVISED -
	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL. RTE. 29 REMOVAL PLAN</b>		
SCALE: 1" = 20'	SHEET 4 OF 6 SHEETS	STA. 168+50 TO STA. 173+50

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 26
ILLINOIS FED. AID PROJECT 05E2(122)			CONTRACT NO. 89713	

- REL UP SEE STATUS OF UTILITIES; MAY BE RELOCATED BY OTHERS
- REL ITEM TO BE RELOCATED (INCIDENTAL)
- (A) FRAMES AND LIDS TO BE ADJUSTED
- (M) RELOCATE EXISTING MAILBOX
- [Grid Pattern] PAVEMENT PATCHING
- [Diagonal Lines] DRIVEWAY PAVEMENT REMOVAL
- [Cross-hatch] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- [Dashed Line] LINEAR REMOVAL ITEM
- [Hatched Area] SIDEWALK REMOVAL
- [Circle with X] TREE REMOVAL



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

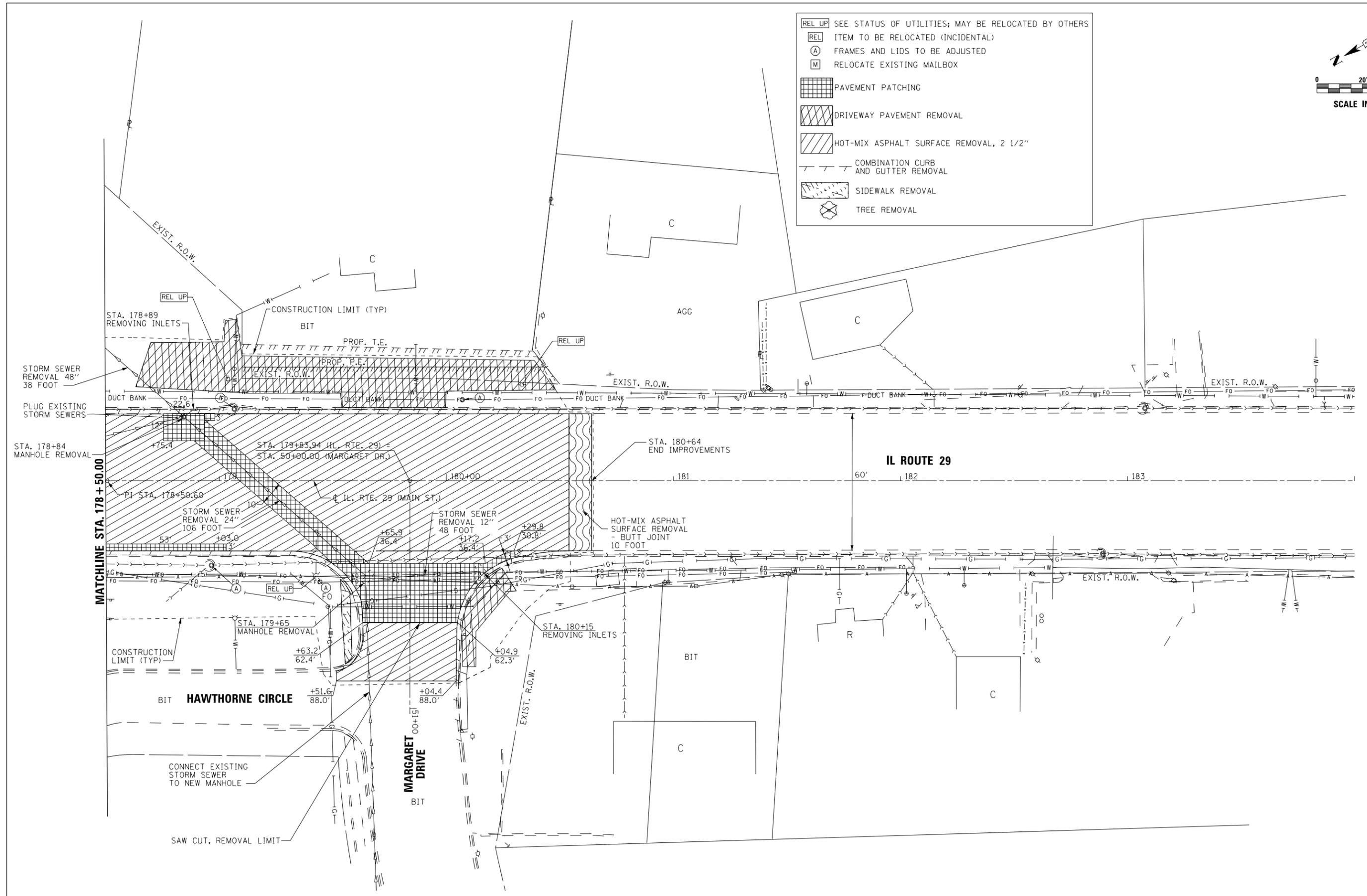
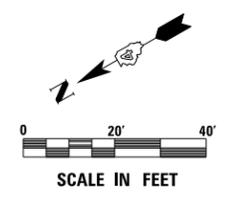
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
REMOVAL PLAN**

SCALE: 1" = 20'    SHEET 5 OF 6 SHEETS    STA. 173+50 TO STA. 178+50

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 27
ILLINOIS			FED. AID PROJECT 05E2(122)	

- REL UP SEE STATUS OF UTILITIES; MAY BE RELOCATED BY OTHERS
- REL ITEM TO BE RELOCATED (INCIDENTAL)
- A FRAMES AND LIDS TO BE ADJUSTED
- M RELOCATE EXISTING MAILBOX
- [Grid Pattern] PAVEMENT PATCHING
- [Diagonal Lines] DRIVEWAY PAVEMENT REMOVAL
- [Hatched Pattern] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- [Dashed Line] COMBINATION CURB AND GUTTER REMOVAL
- [Cross-hatched Pattern] SIDEWALK REMOVAL
- [Circle with X] TREE REMOVAL



USER NAME = IDOT	DESIGNED - KMC	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - RDC	REVISED -
	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

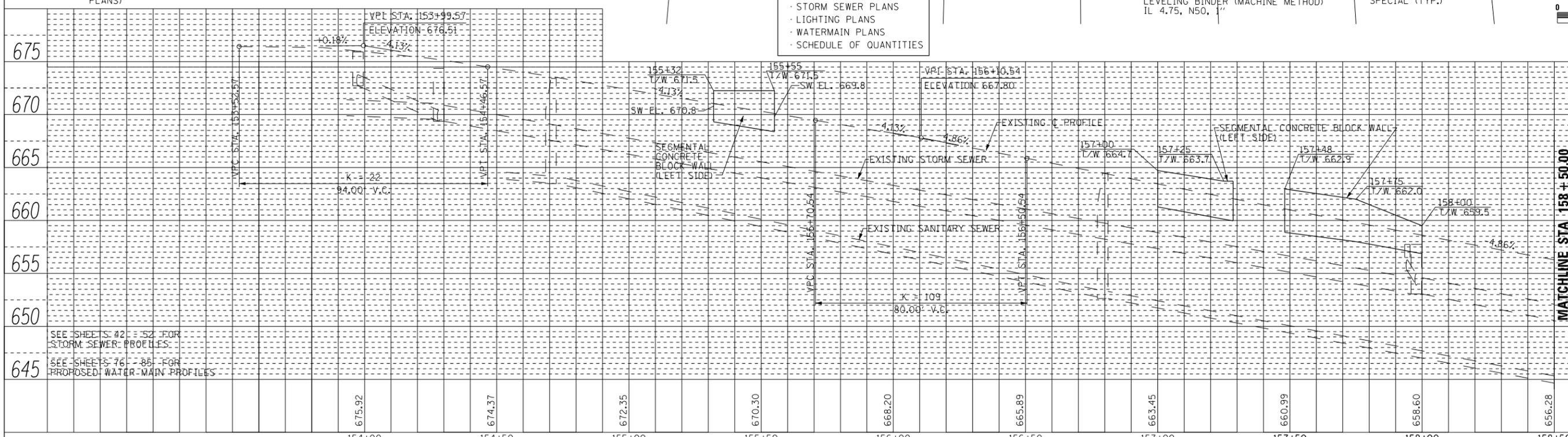
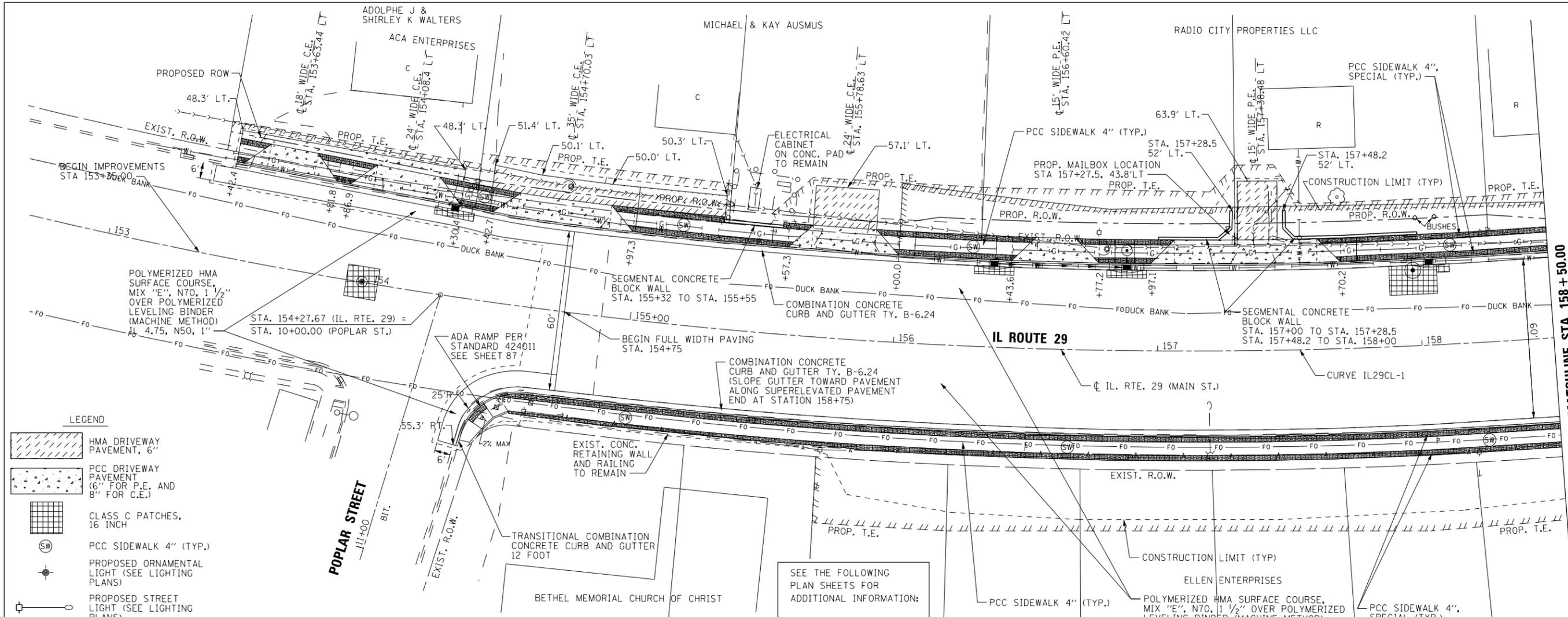
**IL. RTE. 29  
REMOVAL PLAN**

SCALE: 1" = 20'    SHEET 6 OF 6 SHEETS    STA. 178+50 TO STA. 184+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	28
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	



	USER NAME = IDOT	DESIGNED - KMC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL. RTE. 29</b> <b>ROADWAY PLAN AND PROFILE</b>	F.A.U. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 29
	PLOT SCALE = 40.0000' / in.	CHECKED - RDC	REVISED -			SCALE: 1" = 20'	SHEET 1 OF 6 SHEETS	STA. 153+00 TO STA. 158+50	CONTRACT NO. 89713	
	PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -							

SEE THE FOLLOWING PLAN SHEETS FOR ADDITIONAL INFORMATION:

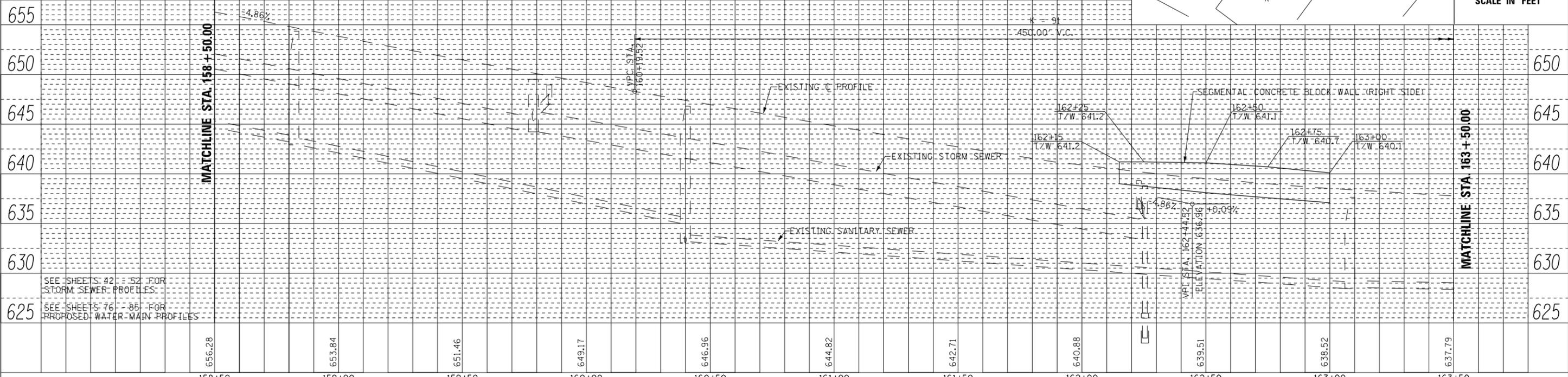
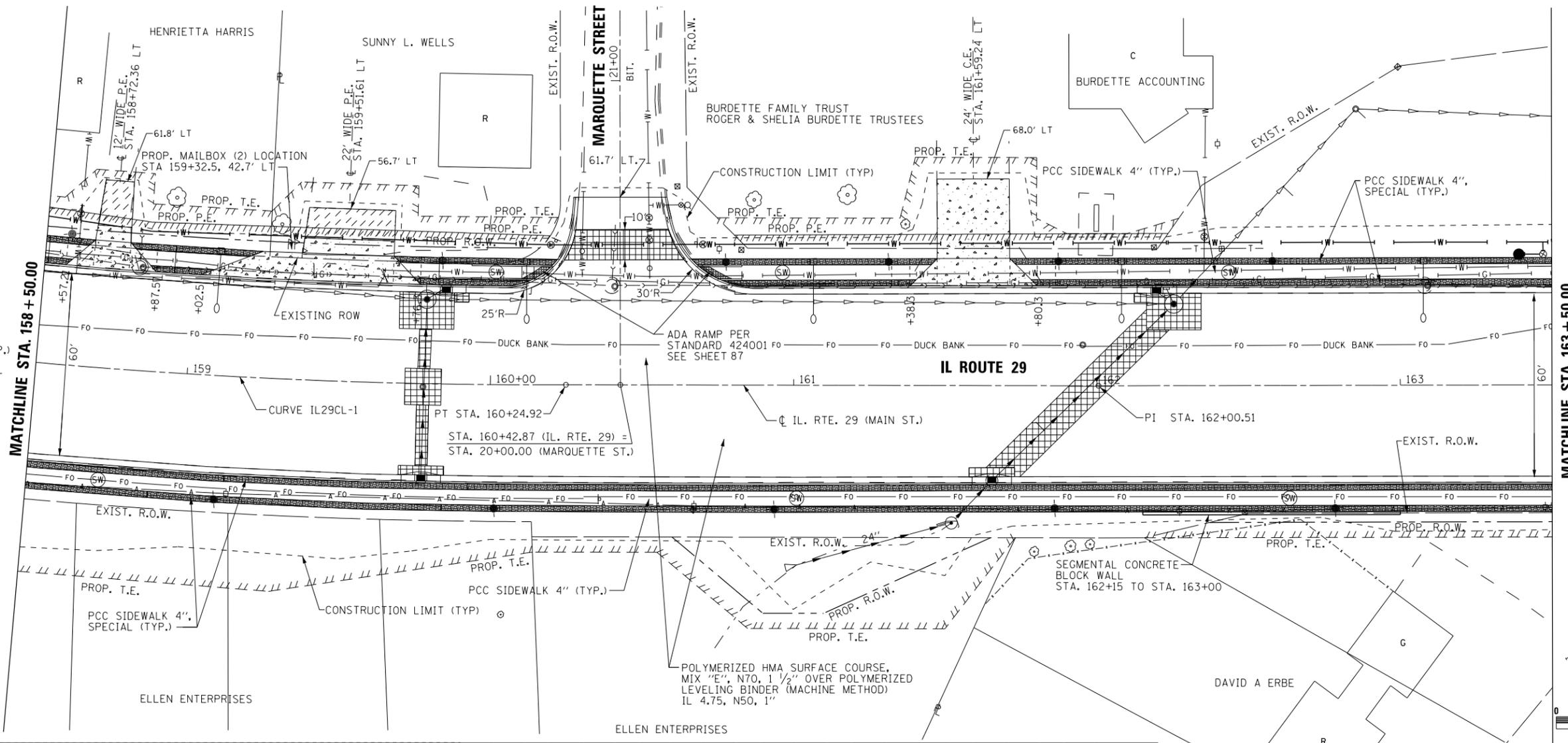
- STORM SEWER PLANS
- LIGHTING PLANS
- WATERMAIN PLANS
- SCHEDULE OF QUANTITIES

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHKD	
	NO.	

- LEGEND**
- HMA DRIVEWAY PAVEMENT, 6"
  - PCC DRIVEWAY PAVEMENT (6" FOR P.E. AND 8" FOR C.E.)
  - CLASS C PATCHES, 16 INCH
  - PCC SIDEWALK 4" (TYP.)
  - PROPOSED ORNAMENTAL LIGHT (SEE LIGHTING PLANS)
  - PROPOSED STREET LIGHT (SEE LIGHTING PLANS)

**CURVE IL29CL-1**  
 PI STA. = 155+57.10  
 $\Delta = 28^\circ 13' 30''$  (LT)  
 $D = 3^\circ 01' 00''$   
 $R = 1,899.31'$   
 $T = 477.52'$   
 $L = 935.64'$   
 $E = 59.11'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 P.C. STA = 150+89.28  
 P.T. STA = 160+24.92



	USER NAME = IDOT	DESIGNED - KMC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL. RTE. 29</b> <b>ROADWAY PLAN AND PROFILE</b>	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 40.0000' / in.	CHECKED - RDC	REVISED -			669	16-00045-01-SW	TAZEWELL	155	30	
	PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -			SCALE: 1" = 20'			SHEET 2 OF 6 SHEETS STA. 158+50 TO STA. 163+50		
						ILLINOIS FED. AID PROJECT 05E2(122)					

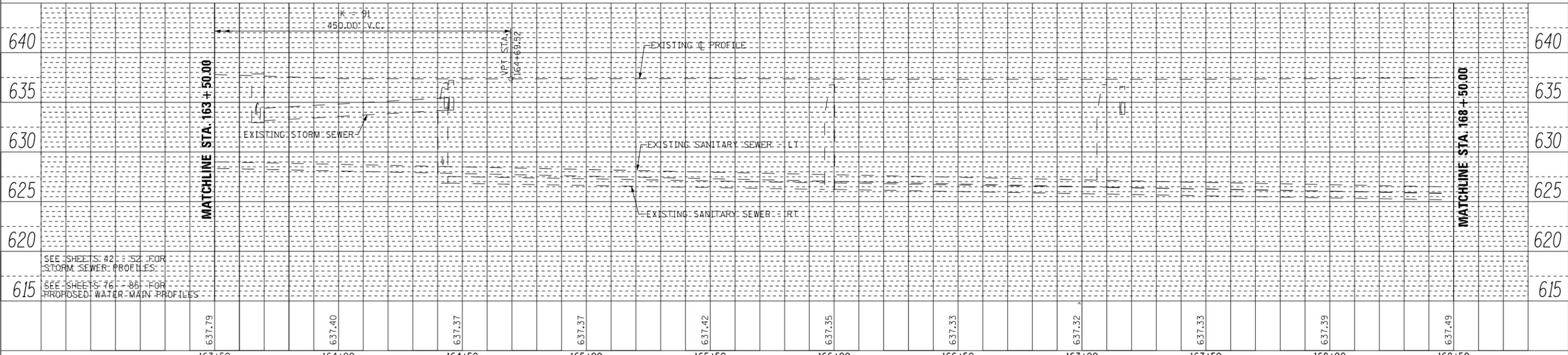
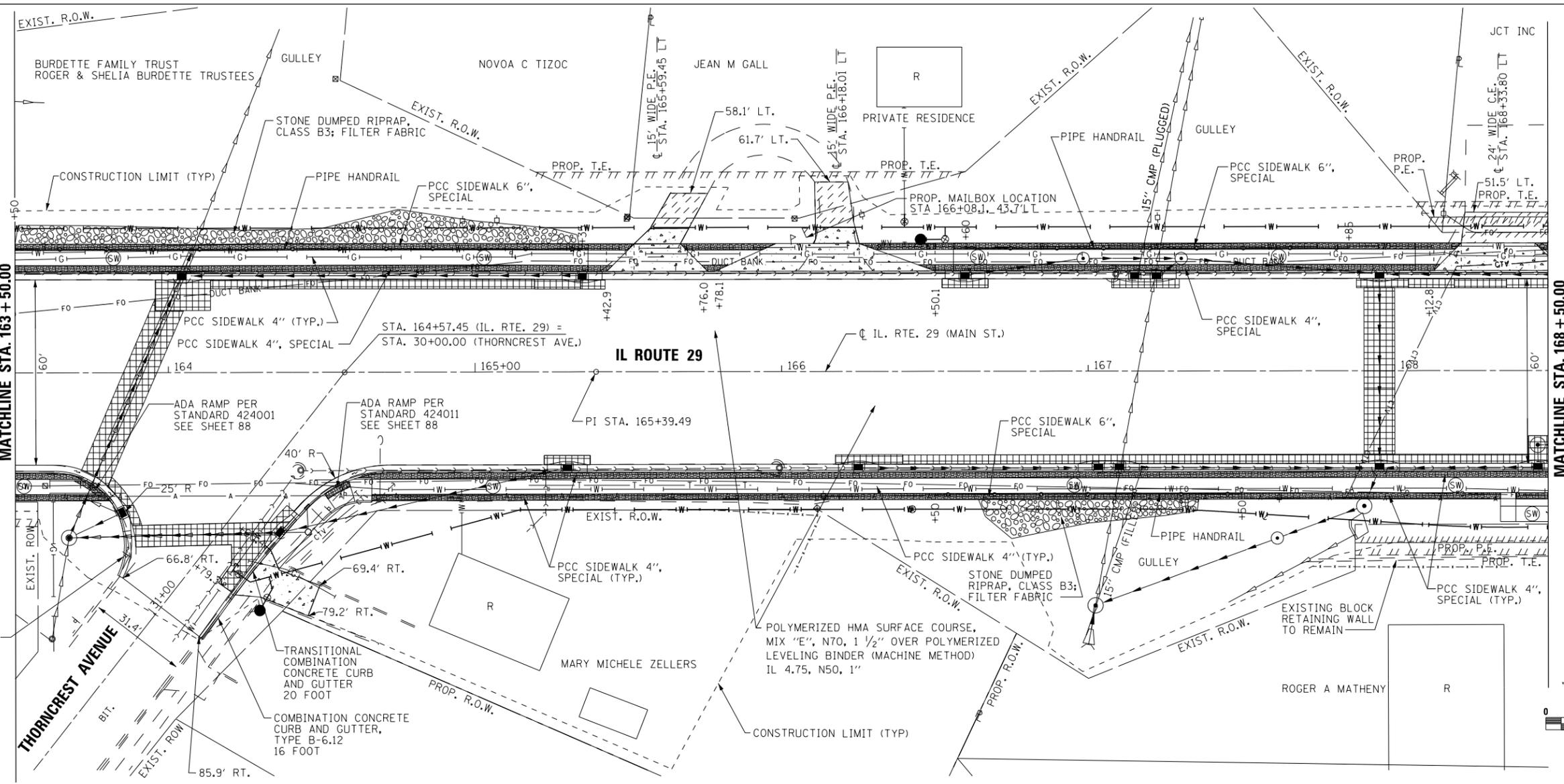
DATE	
BY	
PLAN	
NO. BOOK	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO. BOOK	
NO.	
NO.	
NO.	
NO.	

- LEGEND**
- HMA DRIVEWAY PAVEMENT, 6"
  - PCC DRIVEWAY PAVEMENT (6" FOR P.E. AND 8" FOR C.E.)
  - CLASS C PATCHES, 16 INCH
  - PCC SIDEWALK 4" (TYP.)
  - PROPOSED ORNAMENTAL LIGHT (SEE LIGHTING PLANS)
  - PROPOSED STREET LIGHT (SEE LIGHTING PLANS)

SEE THE FOLLOWING PLAN SHEETS FOR ADDITIONAL INFORMATION:

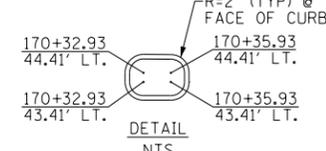
- STORM SEWER PLANS
- LIGHTING PLANS
- WATERMAIN PLANS
- SCHEDULE OF QUANTITIES



	USER NAME = IDOT	DESIGNED - KMC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL. RTE. 29</b> <b>ROADWAY PLAN AND PROFILE</b>	F.A.P. RTE. 669	SECTION 13-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 31
	PLOT SCALE = 40.0000' / in.	CHECKED - RDC	REVISED -			SCALE: 1" = 20'	SHEET 3 OF 6 SHEETS	STA. 163+50 TO STA. 168+50	CONTRACT NO. 89713	
	PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -							

SEE THE FOLLOWING PLAN SHEETS FOR ADDITIONAL INFORMATION:

- STORM SEWER PLANS
- LIGHTING PLANS
- WATERMAIN PLANS
- SCHEDULE OF QUANTITIES



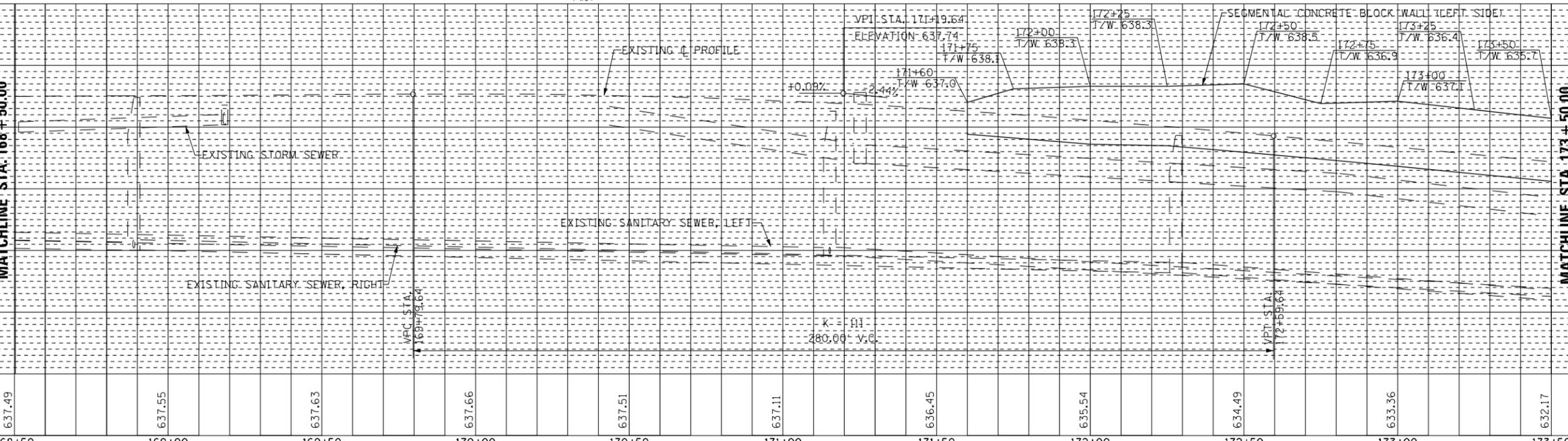
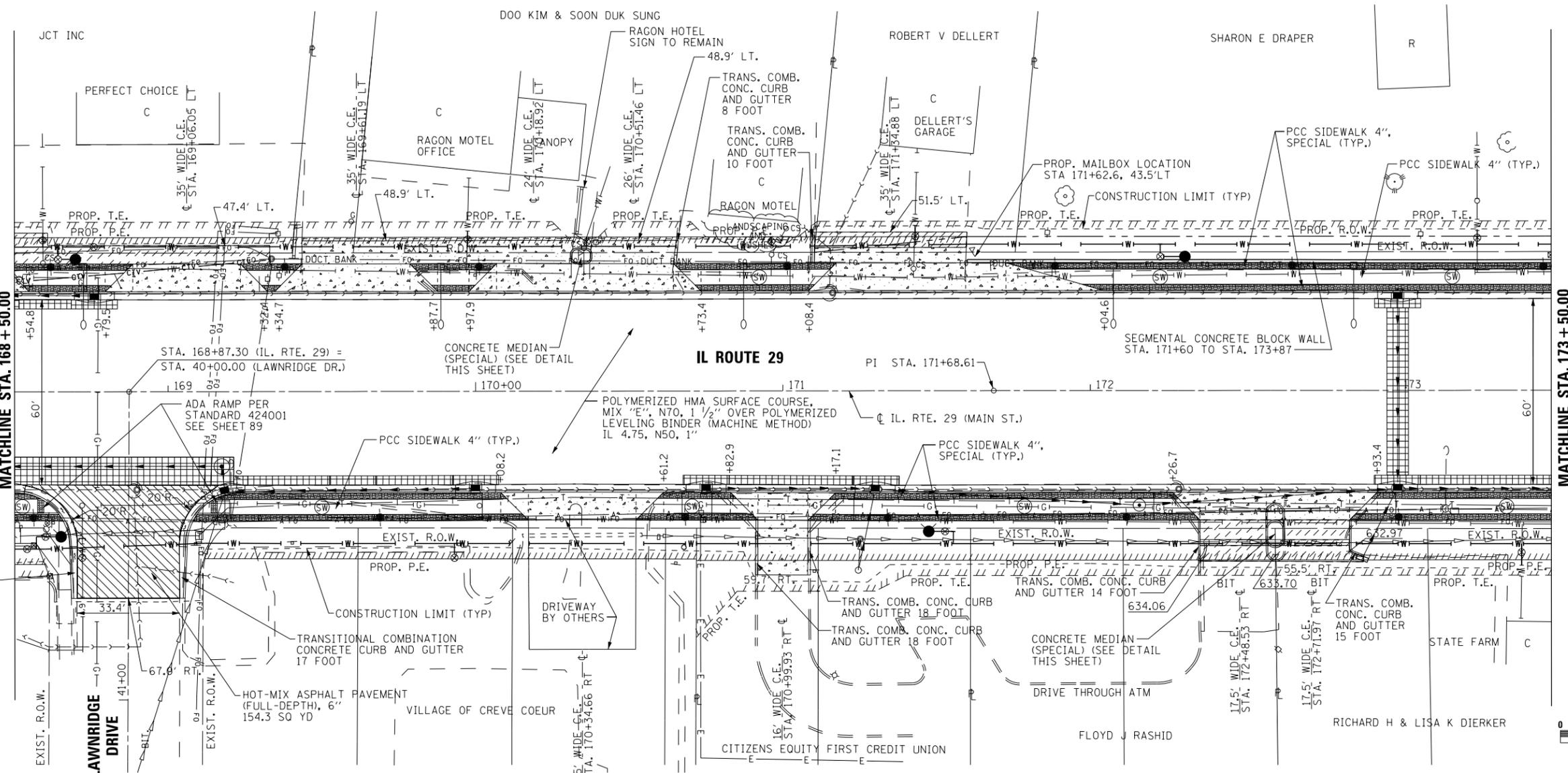
CONCRETE MEDIAN (SPECIAL)  
LT. STA. 170+30.9 TO STA. 170+37.9

LEGEND

- HMA DRIVEWAY PAVEMENT, 6"
- PCC DRIVEWAY PAVEMENT (6" FOR P.E. AND 8" FOR C.E.)
- CLASS C PATCHES, 16 INCH
- PCC SIDEWALK 4" (TYP.)
- PROPOSED ORNAMENTAL LIGHT (SEE LIGHTING PLANS)
- PROPOSED STREET LIGHT (SEE LIGHTING PLANS)
- TRANSITIONAL COMBINATION CONCRETE CURB AND GUTTER 17 FOOT



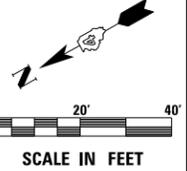
CONCRETE MEDIAN (SPECIAL)  
RT. STA. 172+60.14



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

DATE	
BY	
PROFILE	
NOTE BOOK NO.	
SURVEYED	
PLOTTED	
CHECKED	
AT	
BY	
NOTATION	

MATCHLINE STA. 168 + 50.00



USER NAME = IDOT	DESIGNED - KMC	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - RDC	REVISED -
	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

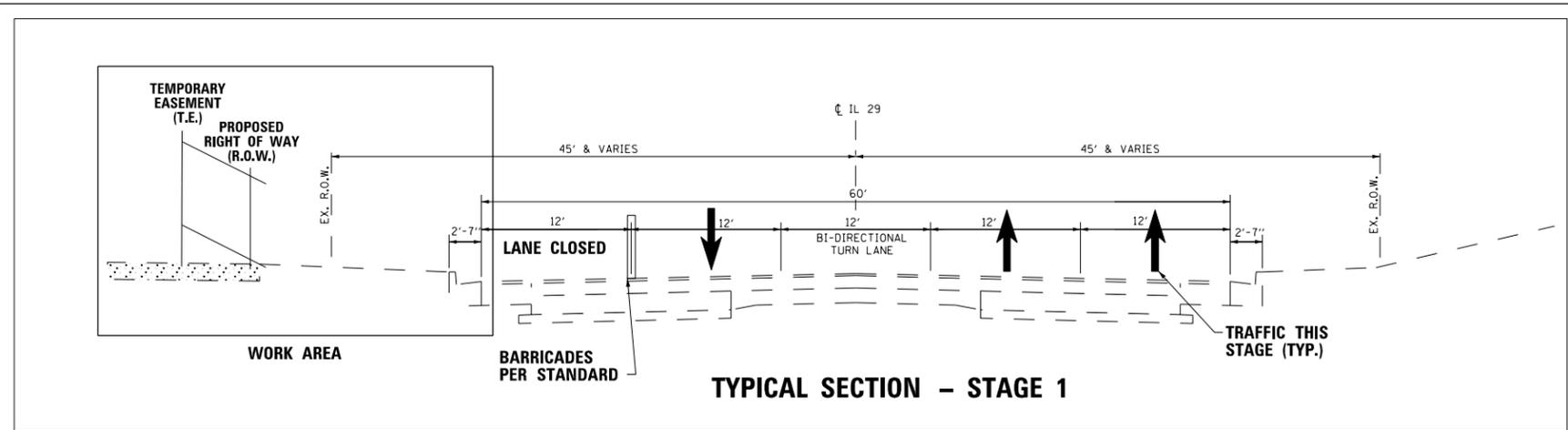
IL. RTE. 29  
ROADWAY PLAN AND PROFILE

SCALE: 1" = 20' SHEET OF SHEETS STA. 168+50 TO STA. 173+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	13-00045-01-SW	TAZEWELL	155	32
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				







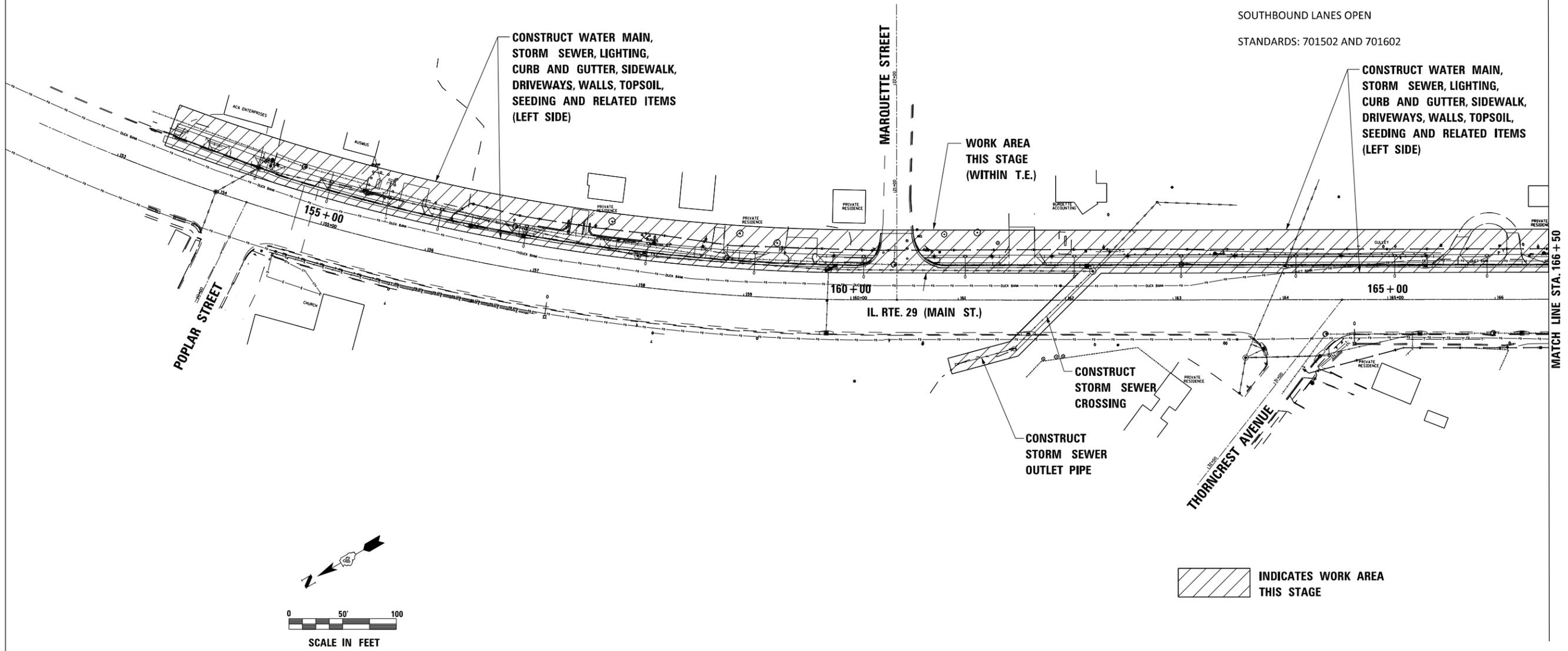
**STAGE 1**

**CONSTRUCTION**

- CONSTRUCT WATER MAIN ON LEFT SIDE (EASTERLY) OF IL ROUTE 29.
- CONSTRUCT STORM SEWER ON LEFT SIDE (EASTERLY) OF IL ROUTE 29.
- CONSTRUCT STORM SEWER CROSSING OF ROUTE 29 AT STATION 162+00 AND OUTLET PIPE TO STATION 161+00, 60 FEET RIGHT.
- CONSTRUCT STORM SEWER CROSSING OF ROUTE 29 AT STATION 167+90 AND OUTLET PIPE TO STATION 167+00, 89 FEET RIGHT.
- CONSTRUCT STORM SEWER CROSSING OF ROUTE 29 AT STATION 178+30.
- CONSTRUCT LIGHTING ON LEFT SIDE (EASTERLY) OF IL ROUTE 29.
- CONSTRUCT WATER MAIN, STORM SEWER, LIGHTING, CURB AND GUTTER, SIDEWALK, DRIVEWAYS, WALLS, TOPSOIL, SEEDING AND RELATED ITEMS ON LEFT SIDE (EASTERLY) OF IL ROUTE 29.

**TRAFFIC**

- NORTHBOUND RIGHT LANE CLOSED AS NEEDED
- SOUTHBOUND LANES OPEN
- STANDARDS: 701502 AND 701602

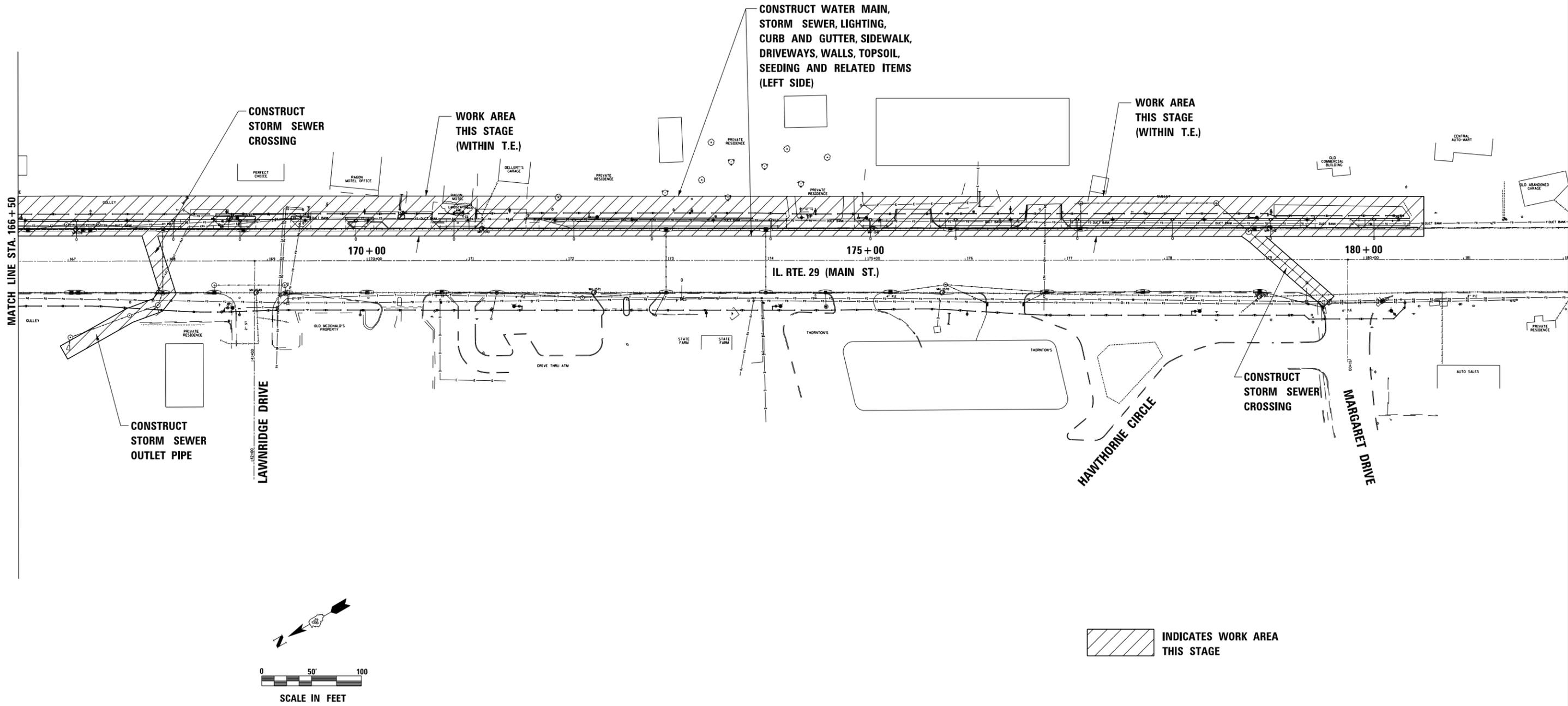


USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL. RTE. 29 MAINTENANCE OF TRAFFIC - STAGE 1</b>			
SCALE:	SHEET 1	OF 2 SHEETS	STA. 153+35 TO STA. 166+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	35
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				



 INDICATES WORK AREA THIS STAGE

SEE SHEET 35 FOR NOTES AND TYPICAL SECTION



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
MAINTENANCE OF TRAFFIC - STAGE 1**

SCALE: SHEET 2 OF 2 SHEETS STA. 166+50 TO STA. 180+54

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	36
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

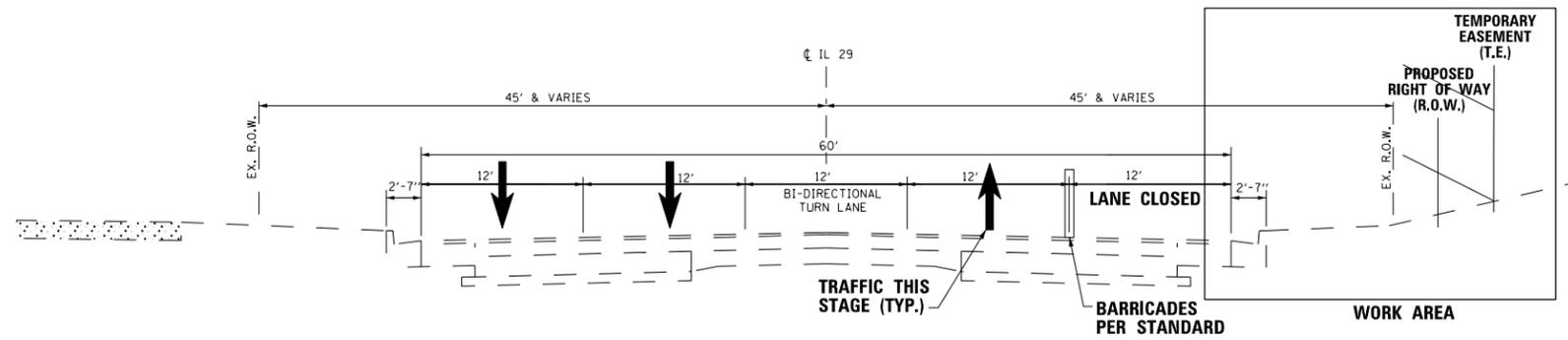
**STAGE 2 (SEE SHEET 38 FOR STAGE 3 NOTES)**

**CONSTRUCTION**

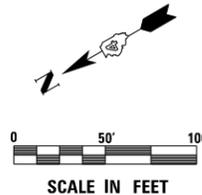
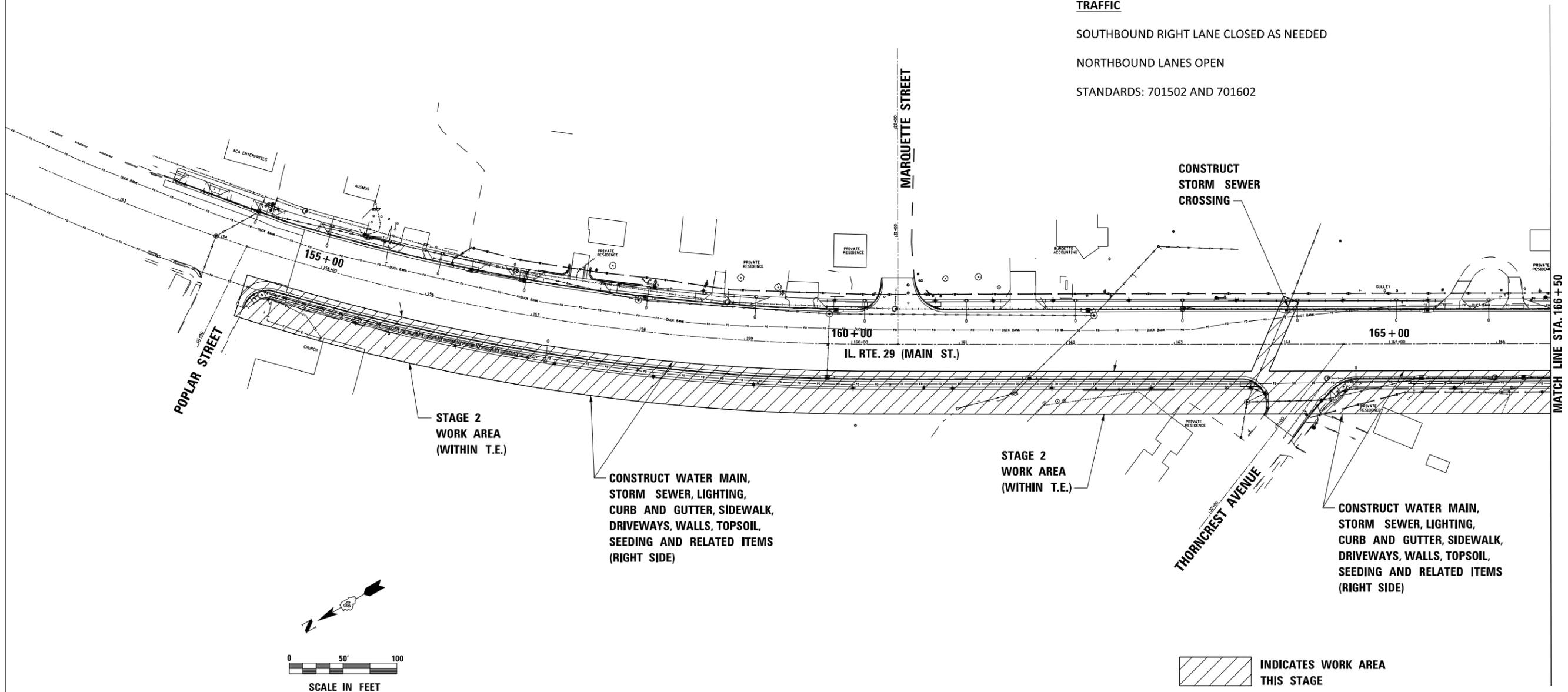
- CONSTRUCT WATER MAIN ON RIGHT SIDE (WESTERLY) OF IL ROUTE 29.
- CONSTRUCT STORM SEWER ON RIGHT SIDE (WESTERLY) OF IL ROUTE 29.
- CONSTRUCT STORM SEWER CROSSING OF ROUTE 29 AT STATION 163+10.
- CONSTRUCT STORM SEWER CROSSING OF ROUTE 29 AT STATION 172+14.
- CONSTRUCT STORM SEWER CROSSING OF ROUTE 29 AT STATION 173+78.
- CONSTRUCT LIGHTING ON RIGHT SIDE (WESTERLY) OF IL ROUTE 29.
- CONSTRUCT CURB AND GUTTER, SIDEWALK, DRIVEWAYS, WALLS, TOPSOIL, SEEDING AND RELATED ITEMS ON RIGHT SIDE (WESTERLY) OF IL ROUTE 29.

**TRAFFIC**

- SOUTHBOUND RIGHT LANE CLOSED AS NEEDED
- NORTHBOUND LANES OPEN
- STANDARDS: 701502 AND 701602



**TYPICAL SECTION - STAGE 2**



INDICATES WORK AREA THIS STAGE



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
MAINTENANCE OF TRAFFIC - STAGE 2 AND STAGE 3**

SCALE: SHEET 1 OF 2 SHEETS STA. 153+35 TO STA. 166+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	37
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

**STAGE 3 (NOTES ONLY)**

**CONSTRUCTION**

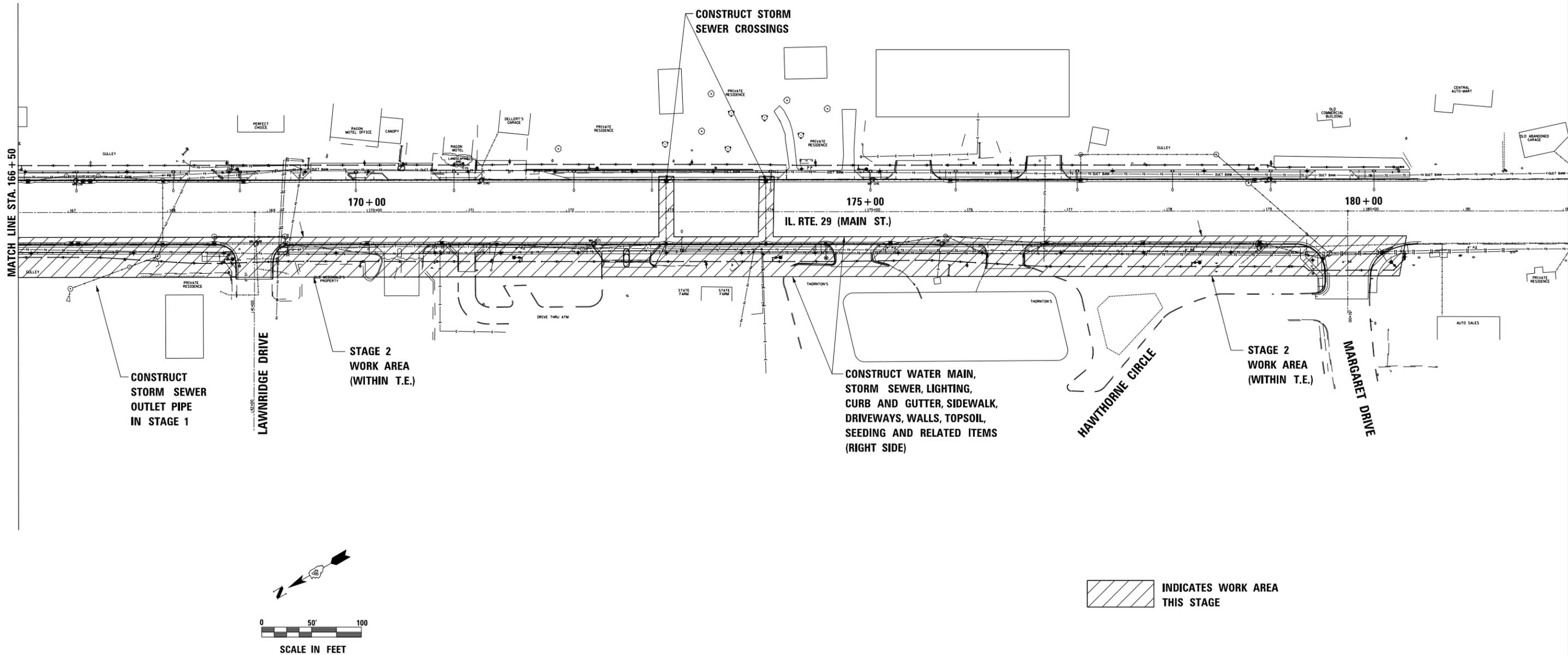
PERFORM MILLING OPERATION AND CONSTRUCT HMA SURFACE FOR ALL FIVE LANES OF IL ROUTE 29.

COMPLETE PAVEMENT MARKING FOR ALL FIVE LANES OF IL ROUTE 29.

**TRAFFIC**

INTERMITTENT LANE CLOSURES. KEEP AT LEAST ONE LANE OPEN IN EACH DIRECTION AT ALL TIMES.

STANDARDS: 701502 AND 701602



SEE SHEET 37 FOR STAGE 2 NOTES AND TYPICAL SECTION



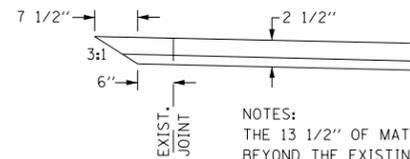
USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
MAINTENANCE OF TRAFFIC - STAGE 2 AND STAGE 3**

SCALE: SHEET 2 OF 2 SHEETS STA.166+50 TO STA.180+54

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	38
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				



NOTES:  
THE 13 1/2" OF MATERIAL PLACED BEYOND THE EXISTING JOINT SHALL BE REMOVED DURING THE MILLING OF THE SUBSEQUENT STAGE.

MILLING THE TEMPORARY 3:1 TAPER SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE REMOVAL, 2 1/2"

**DETAIL A**  
NOT TO SCALE

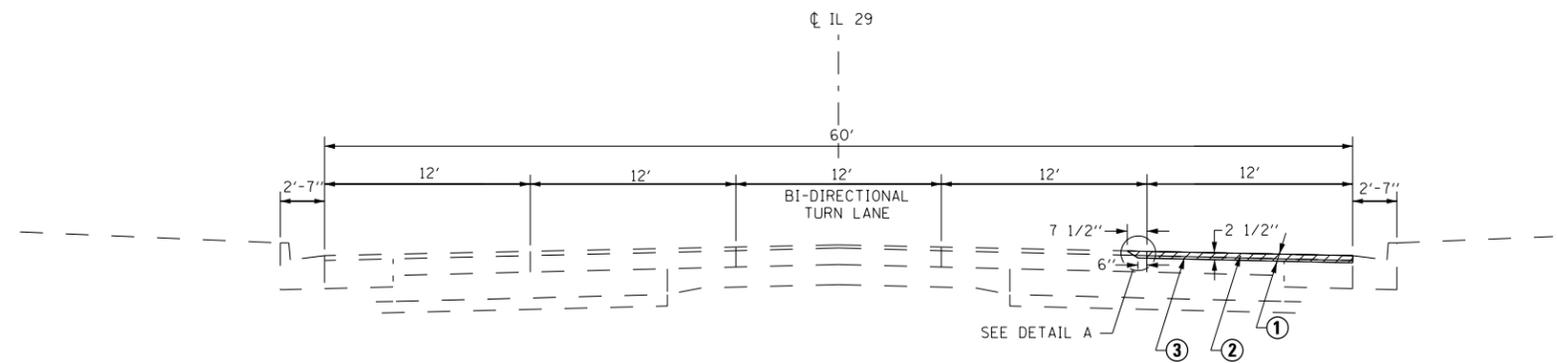
**PROPOSED LEGEND:**

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ② POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (1 1/2")
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL4.75, N50 (1")

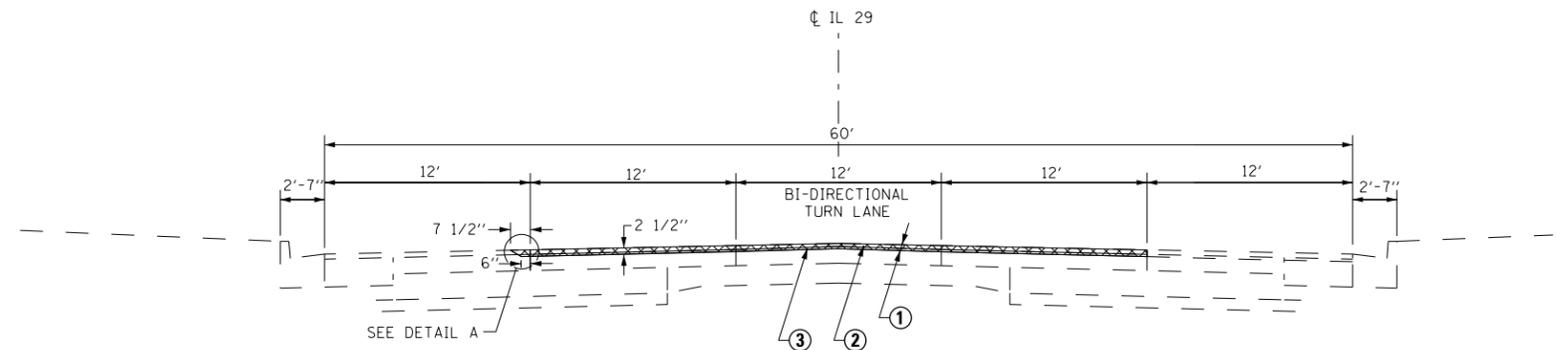
**NOTES:**

1.) NO TRAFFIC (EXCEPT TRAFFIC CROSSING OVER TO AND FROM ENTRANCES AND RAMPS SHALL BE ALLOWED ON THE MILLED SURFACE OR ON THE PRIMED LEVELING BINDER.

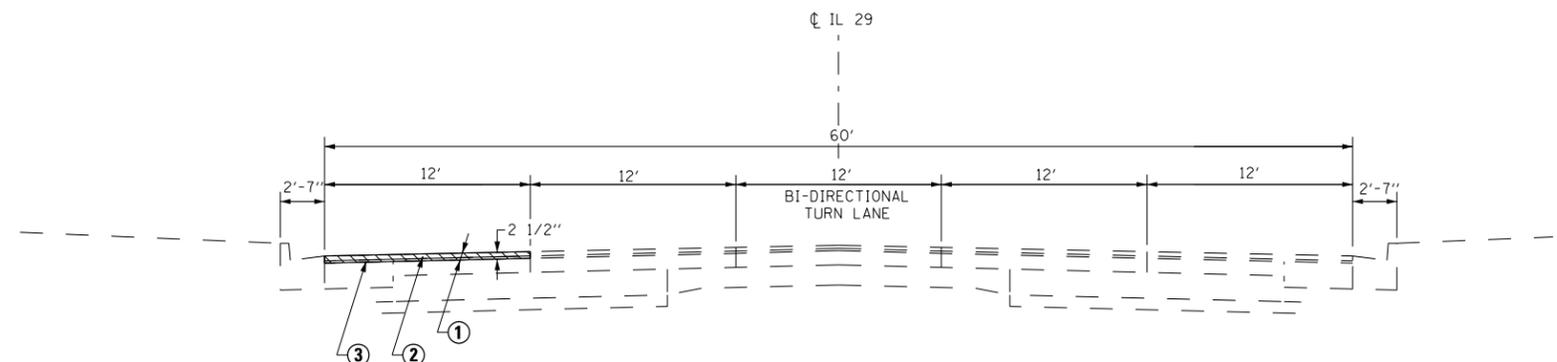
2.) EACH STAGE SHALL BE COMPLETE TO SURFACE COURSE PROPOSED GRADE PRIOR TO PROCEEDING WITH THE NEXT STAGE.



**STAGE 4**  
**STA. 154 + 75 TO STA. 180 + 54**



**STAGE 5**  
**STA. 154 + 75 TO STA. 180 + 54**



**STAGE 6**  
**STA. 154 + 75 TO STA. 180 + 54**

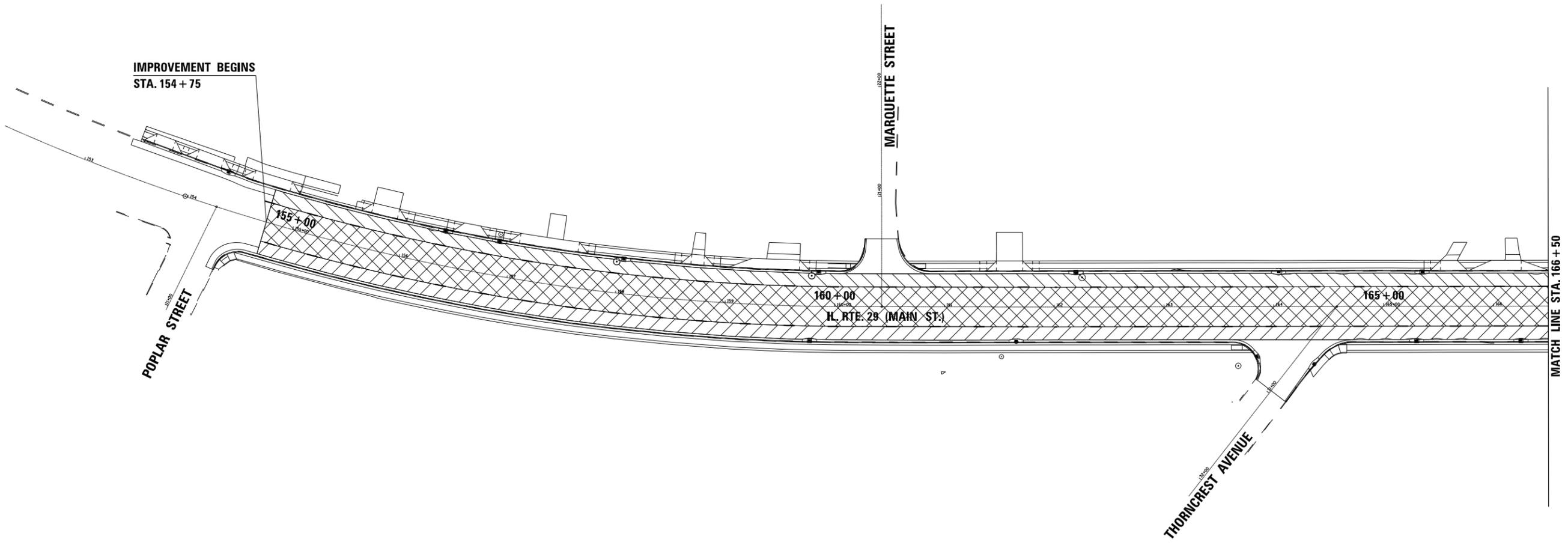


USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29			
PROPOSED STAGING DETAILS FOR PAVING STAGES 4, 5 AND 6			
SCALE:	SHEET 1	OF 3 SHEETS	STA. 153+35 TO STA. 180+54

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 39
ILLINOIS			FED. AID PROJECT 05E2(122)	



IMPROVEMENT BEGINS  
STA. 154 + 75

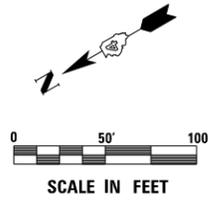
POPLAR STREET

MARQUETTE STREET

H. RTE. 29 (MAHN ST.)

THORNCREST AVENUE

MATCH LINE STA. 166 + 50



**CONSTRUCTION STAGING LEGEND**

	STAGE 6 MILLING/PAVING
	STAGE 5 MILLING/PAVING
	STAGE 4 MILLING/PAVING



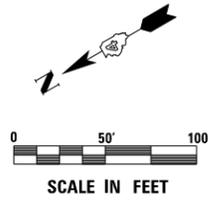
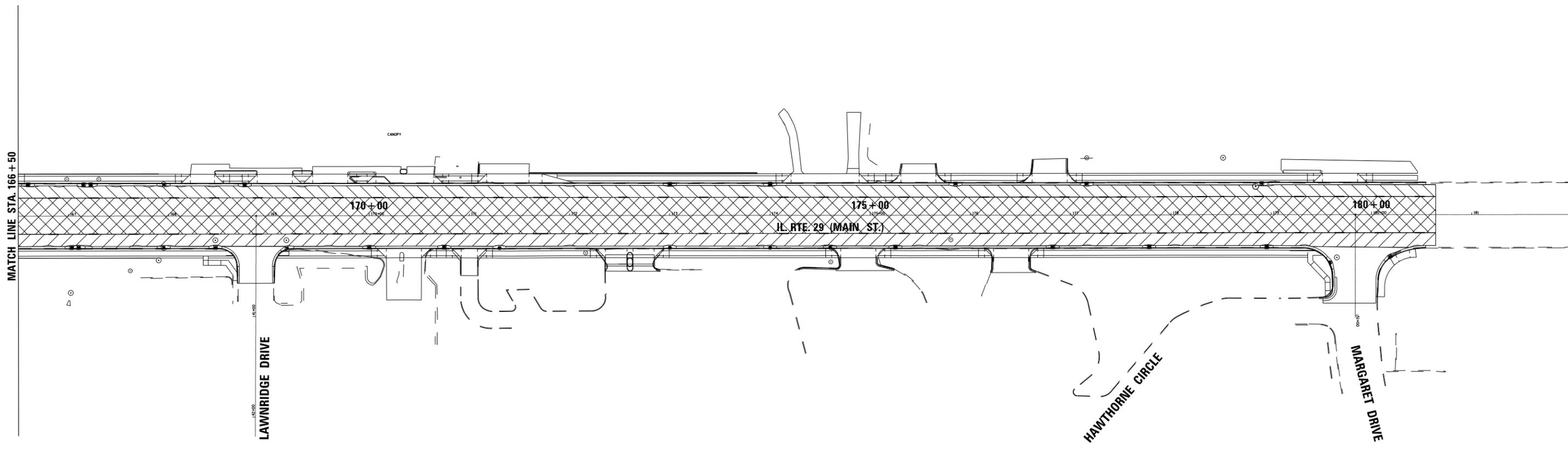
USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29**  
**PROPOSED STAGING DETAILS FOR PAVING STAGES 4, 5 AND 6**

SCALE: SHEET 2 OF 3 SHEETS STA. 153+35 TO STA. 166+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	40
			CONTRACT NO. 89713	
		ILLINOIS	FED. AID PROJECT 05E2(122)	



**CONSTRUCTION STAGING LEGEND**

	STAGE 6 MILLING/PAVING
	STAGE 5 MILLING/PAVING
	STAGE 4 MILLING/PAVING



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
PROPOSED STAGING DETAILS FOR PAVING STAGES 4, 5 AND 6**

SCALE:	SHEET 3 OF 3 SHEETS	STA. 166+50 TO STA. 180+54
--------	---------------------	----------------------------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	41
ILLINOIS			FED. AID PROJECT 05E2(122)	

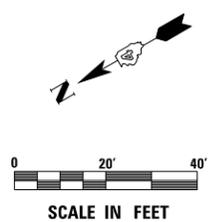
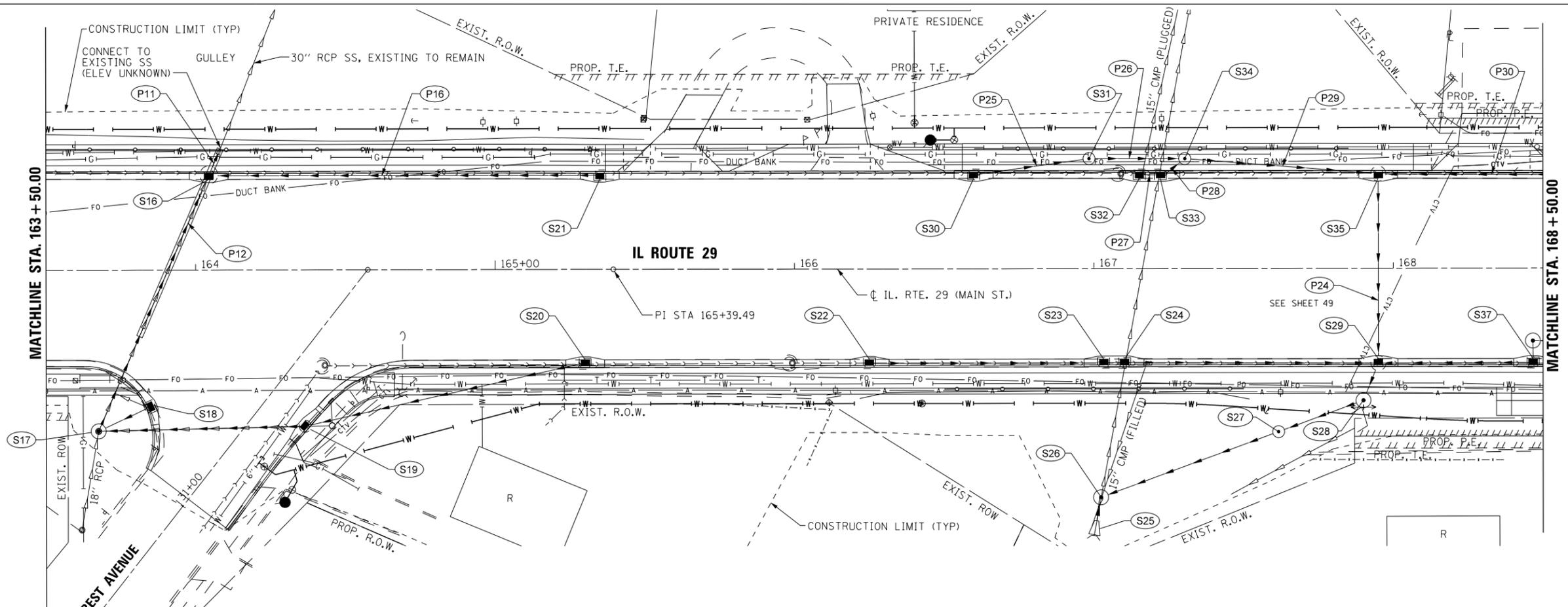
CONTRACT NO. 89713





PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	FILE NAME _____	

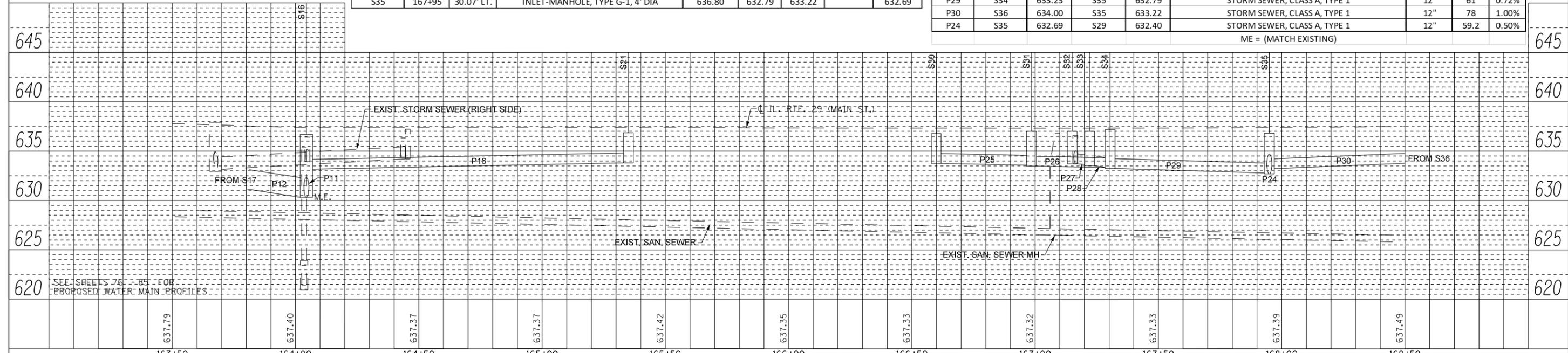
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	FILE NAME _____	



STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATIONS			
					N	S	E	W
S16	164+04.40	30.20' LT.	INLET-MANHOLE, TYPE G-1, 5' DIA	636.69		633.16	MATCH EX	MATCH EX
S21	165+35	30.10' LT.	INLETS, TYPE G-1	636.84	633.80			
S30	166+59.9	30.20' LT.	INLETS, TYPE G-1	636.76		633.75		
S31	166+98.5	36.8' LT.	MANHOLE TY A. 4' DIA. T1F CL	637.00	633.57	633.47		
S32	167+15.23	30.1' LT.	INLETS, TYPE G-1	636.72		633.72		
S33	167+22.24	30.1' LT.	INLETS, TYPE G-1	636.72	633.62	633.52		
S34	167+30.4	36.8' LT.	MANHOLE TY A. 4' DIA. T1F CL	637.18	633.33	633.23		
S35	167+95	30.07' LT.	INLET-MANHOLE, TYPE G-1, 4' DIA	636.80	632.79	633.22		632.69

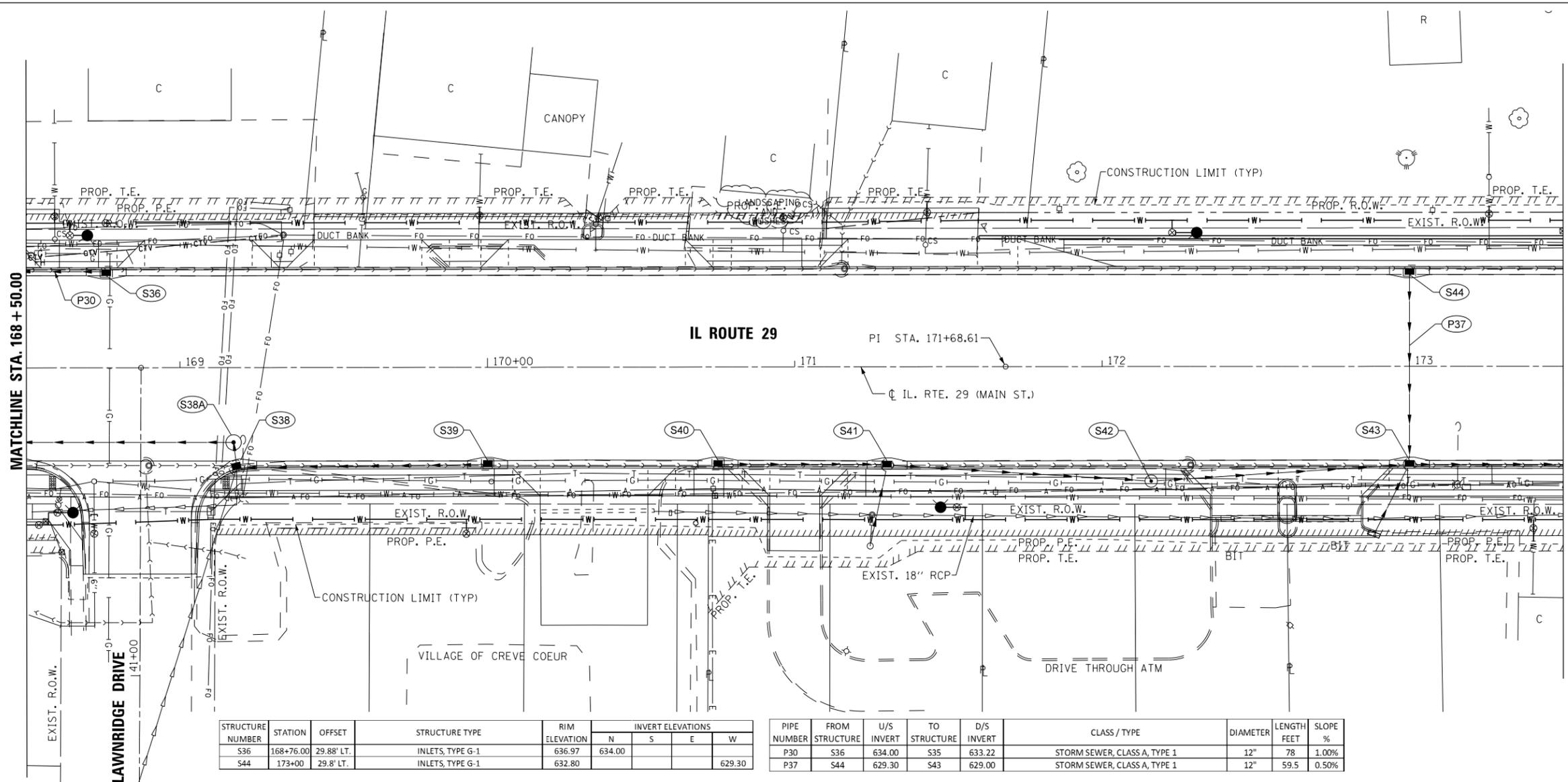
PIPE NUMBER	FROM STRUCTURE	U/S INVERT	TO STRUCTURE	D/S INVERT	CLASS / TYPE	DIAMETER	LENGTH FEET	SLOPE %
P11	S16	ME	EX PIPE	ME	STORM SEWER, CLASS A, TYPE 2	30"	6	
P12	S17	632.95	S16	ME	STORM SEWER, CLASS A, TYPE 2	24"	88	
P16	S21	633.80	S16	633.16	STORM SEWER, CLASS A, TYPE 1	12"	127.5	0.50%
P25	S30	633.75	S31	633.57	STORM SEWER, CLASS A, TYPE 1	12"	35.5	0.50%
P26	S31	633.47	S34	633.33	STORM SEWER, CLASS A, TYPE 1	12"	28	0.50%
P27	S32	633.72	S33	633.62	STORM SEWER, CLASS A, TYPE 1	12"	3	4.00%
P28	S33	633.62	S34	633.33	STORM SEWER, CLASS A, TYPE 1	12"	6.5	4.46%
P29	S34	633.23	S35	632.79	STORM SEWER, CLASS A, TYPE 1	12"	61	0.72%
P30	S36	634.00	S35	633.22	STORM SEWER, CLASS A, TYPE 1	12"	78	1.00%
P24	S35	632.69	S29	632.40	STORM SEWER, CLASS A, TYPE 1	12"	59.2	0.50%

ME = (MATCH EXISTING)



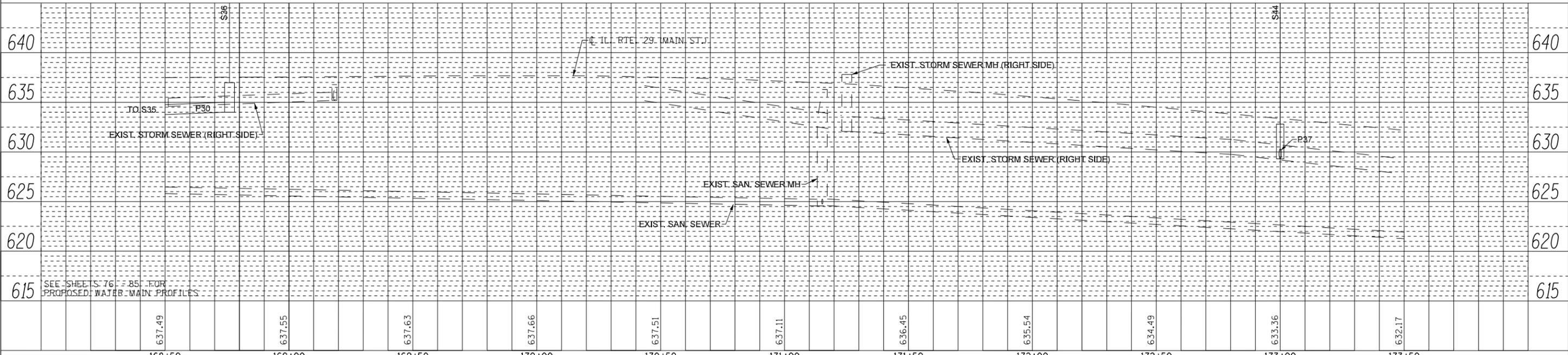
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATIONS			
					N	S	E	W
S36	168+76.00	29.88' LT.	INLETS, TYPE G-1	636.97	634.00			629.30
S44	173+00	29.8' LT.	INLETS, TYPE G-1	632.80				

PIPE NUMBER	FROM STRUCTURE	U/S INVERT	TO STRUCTURE	D/S INVERT	CLASS / TYPE	DIAMETER	LENGTH FEET	SLOPE %
P30	S36	634.00	S35	633.22	STORM SEWER, CLASS A, TYPE 1	12"	78	1.00%
P37	S44	629.30	S43	629.00	STORM SEWER, CLASS A, TYPE 1	12"	59.5	0.50%



USER NAME = IDOT	DESIGNED - KMC	REVISED -
DRAWN - KRS DLC	REVISED -	
CHECKED - RDC	REVISED -	
DATE - \$DATE	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
DRAINAGE PLAN AND PROFILE - LEFT**

SCALE: 1" = 20'    SHEET 4 OF 11 SHEETS    STA. 168+50 TO STA. 173+50

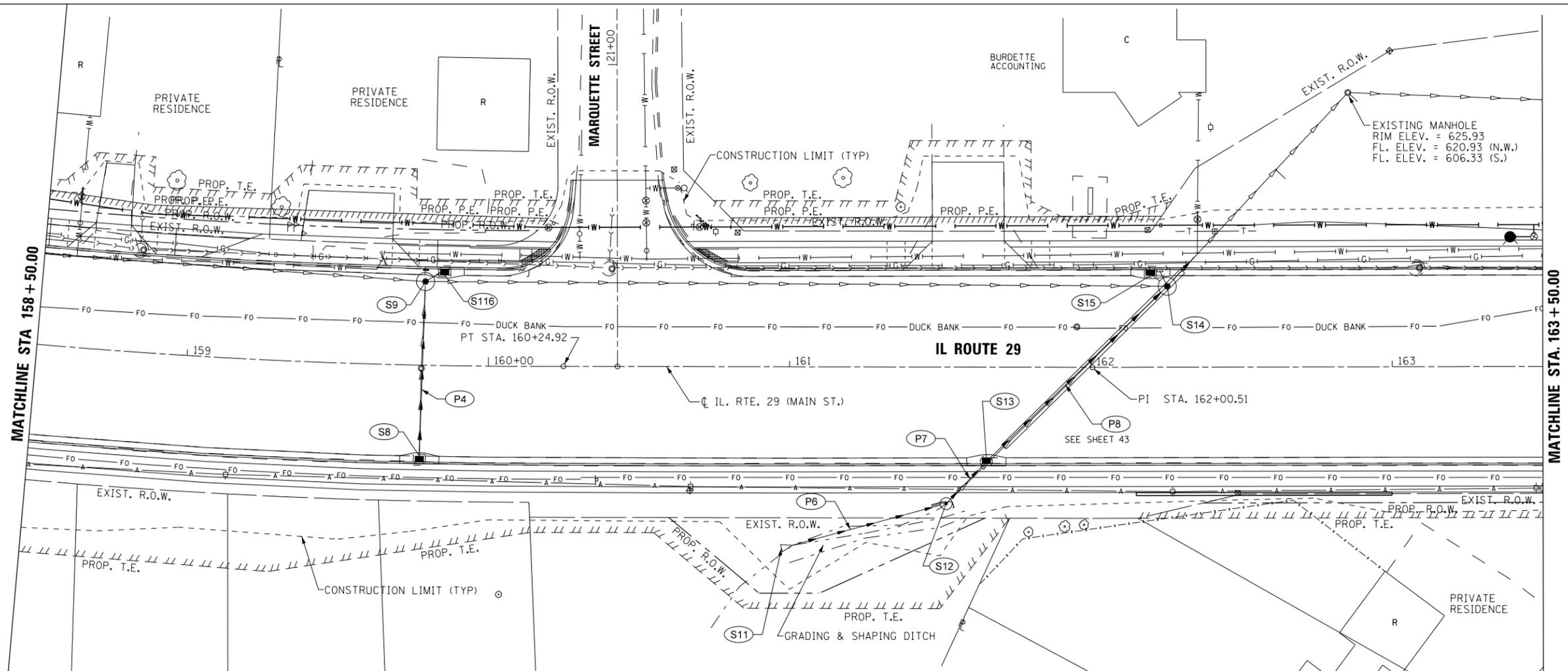
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	45
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				





PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

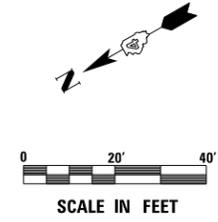
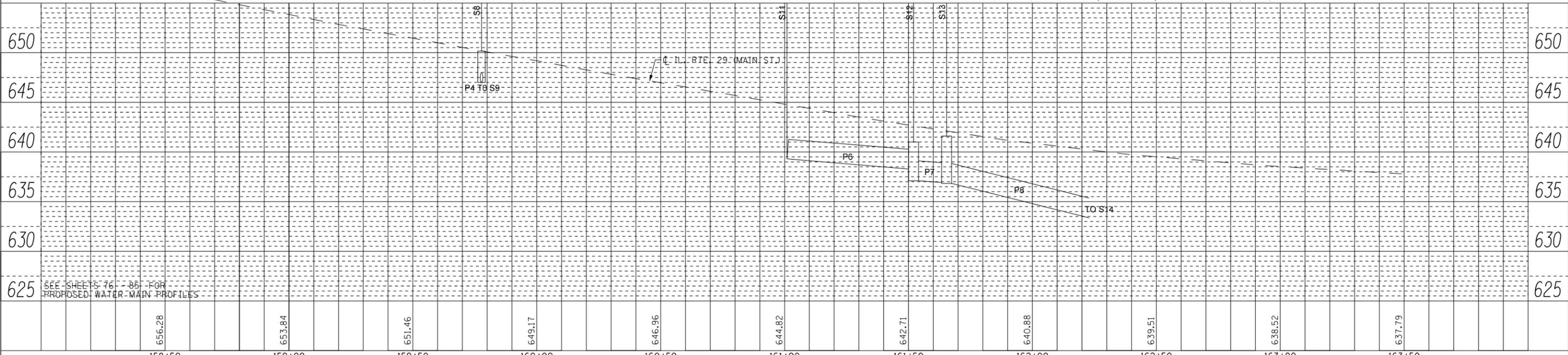
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	CADD FILE NAME	



STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATIONS			
					N	S	E	W
S8	159+77.7	30.0' RT	INLETS, TYPE G-1	650.16			647.00	
S11	161+01	59' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"		639.30			
S12	161+52	45.20' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	641.00		637.10	638.28	
S13	161+65.4	30.00' RT	INLET-MANHOLE, TYPE G-1, 4' DIAMETER	641.60		636.83	636.93	

PIPE NUMBER	FROM STRUCTURE	U/S INVERT	TO STRUCTURE	D/S INVERT	CLASS / TYPE	DIAMETER	LENGTH FEET	SLOPE %
P4	S8	647.00	S9	646.45	STORM SEWER, CLASS A, TYPE 1	12"	55	1.00
P6	S11	639.3	S11	638.28	STORM SEWER, CLASS A, TYPE 1	24"	51	2.00%
P7	S12	637.1	S13	636.93	STORM SEWER, CLASS A, TYPE 1	24"	16	1.05%
P8	S13	637.1	S10	ME	STORM SEWER, CLASS A, TYPE 1	24"	55	ME

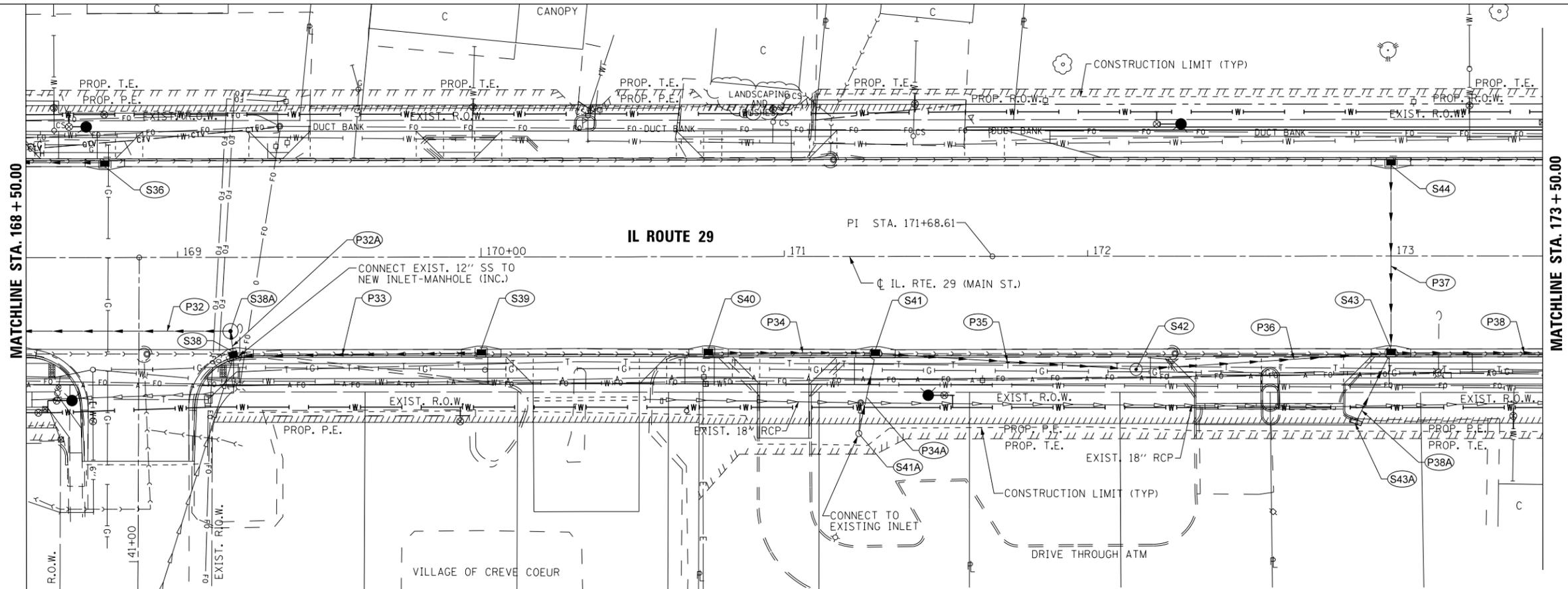
ME = (MATCH EXISTING)





PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NOTE BOOK	NO.
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	CHECKED
	NO.	
	NO.	

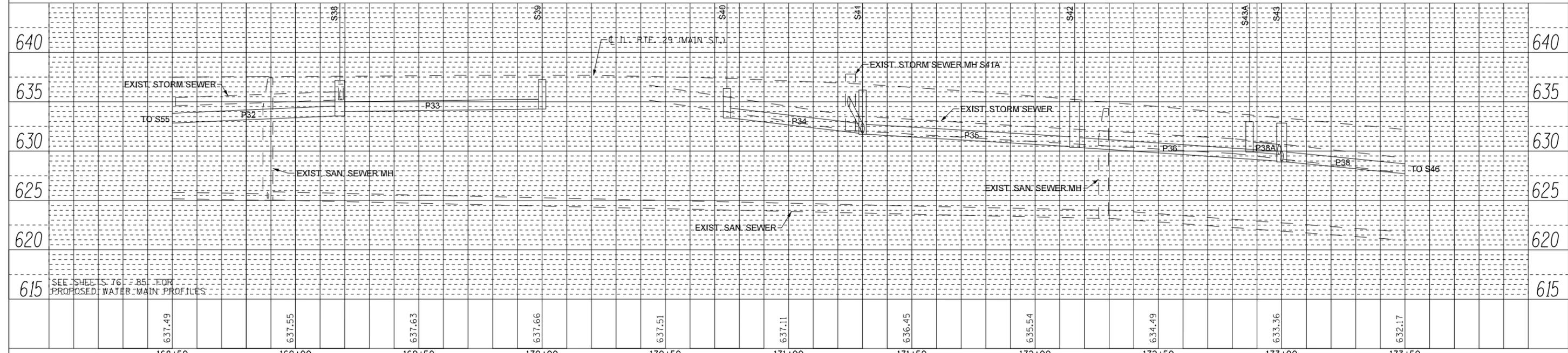


STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATIONS			
					N	S	E	W
S38A	169+17.4	24.3' RT.	MANHOLE TY A, 4' DIA, T1F CL	637.31	633.57		633.67	
S38	169+18	31.0' RT.	INLET-MANHOLE, TYPE G-1, 4' DIAMETER	637.15		633.81	633.71	
S39	170+00	30.3' RT.	INLETS, TYPE G-1	637.24	634.43		633.34	
S40	170+75	30.3' RT.	INLETS, TYPE G-1	633.84		633.34		
S41	171+30	30.6' RT.	INLET-MANHOLE, TYPE G-1, 4' DIAMETER	636.18	631.80		631.70	
S41A	171+24.5	58.2' RT.	EXISTING MANHOLE TO REMAIN	ME			ME	
S42	172+16	37.2' RT.	MANHOLE TY A, 4' DIA, T1F CL	635.00	630.46	630.36		
S43	173+00	30.5' RT.	INLET-MANHOLE, TYPE G-1, 4' DIAMETER	632.83	629.00	628.90	629.00	
S43A	172+87	55.0' RT.	INLETS, TYPE G-1	632.97			629.90	

ME = (MATCH EXISTING)

PIPE NUMBER	FROM STRUCTURE	U/S INVERT	TO STRUCTURE	D/S INVERT	CLASS / TYPE	DIAMETER	LENGTH FEET	SLOPE %
P32	S38A	633.57	S37A	633.03	STORM SEWER, CLASS A, TYPE 1	12"	67	0.80%
P32A	S38	633.71	S38A	633.67	STORM SEWER, CLASS A, TYPE 1	12"	4	1.00%
P33	S39	634.43	S38	633.81	STORM SEWER, CLASS A, TYPE 1	12"	77.5	0.80%
P34	S40	633.34	S41	632.30	STORM SEWER, CLASS A, TYPE 1	12"	52.2	2.00%
P34A	S41A	ME	S41	631.80	STORM SEWER, TYPE 1, WATER MAIN QUALITY PIPE	12"	24	TBD
P35	S41	632.30	S42	630.70	STORM SEWER, CLASS A, TYPE 1	12"	82.5	1.94%
P36	S42	630.60	S43	629.00	STORM SEWER, CLASS A, TYPE 1	12"	80.7	1.99%
P37	S44	629.30	S43	629.00	STORM SEWER, CLASS A, TYPE 1	12"	59.5	0.50%
P38	S43	628.90	S46	626.50	STORM SEWER, CLASS A, TYPE 1	12"	97	2.47%
P38A	S43A	629.90	S43	629.66	STORM SEWER, TYPE 1, WATER MAIN QUALITY PIPE	12"	23.7	1.00%

ME = (MATCH EXISTING)



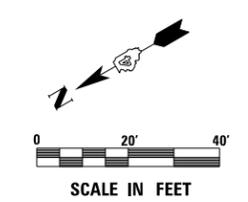
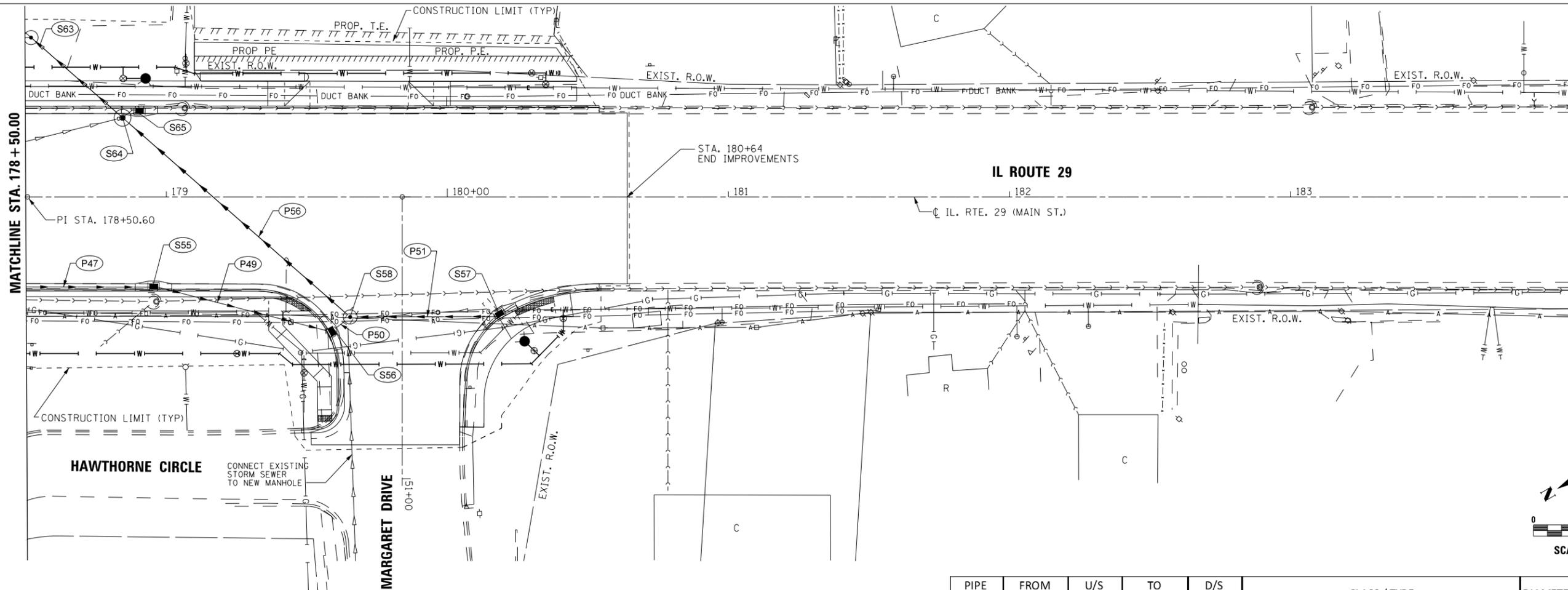
	USER NAME = IDOT	DESIGNED - KMC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL. RTE. 29</b> <b>DRAINAGE PLAN AND PROFILE - RIGHT</b>		F.A.P. RT. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 50		
	PLOT SCALE = 40.0032' / in.	CHECKED - RDC	REVISED -		SCALE: 1" = 20'	SHEET 9 OF 11 SHEETS	STA. 168+50 TO STA. 173+50	CONTRACT NO. 89713					
	PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -		ILLINOIS FED. AID PROJECT 05E2(122)								



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. /	
	NO. /	

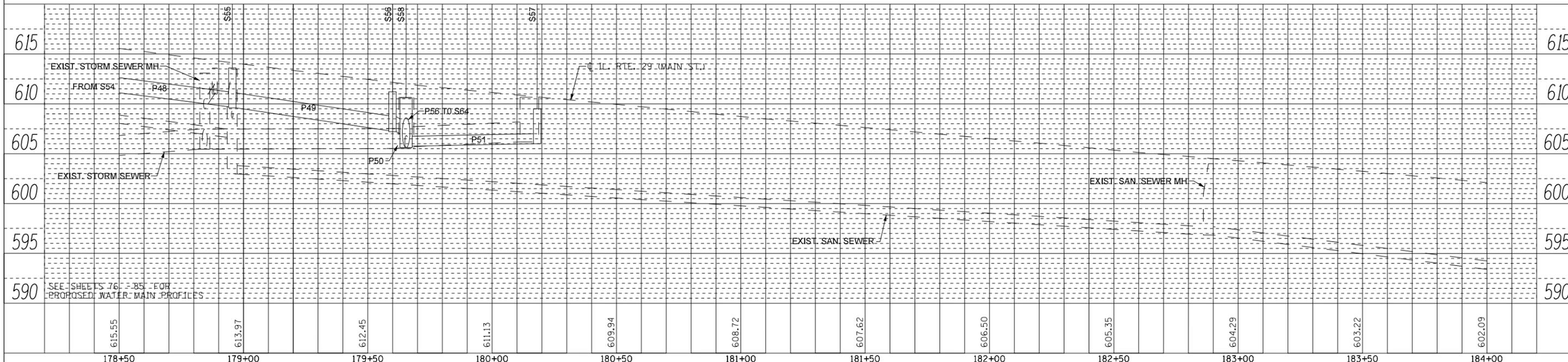
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. /	
	NO. /	

MATCHLINE STA. 178+50.00



STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATIONS			
					N	S	E	W
S55	178+95.5	30.8' RT.	INLETS, TYPE G-1	613.60	609.70	609.60		
S56	179+59.9	47.2' RT.	INLETS, TYPE G-1	611.20	607.30	607.20		
S57	180+18.1	40.6' RT.	INLETS, TYPE G-1	609.50	606.00			
S58	179+65.4	42.6' RT.	MANHOLE TY A, 5' DIA, T1F CL	610.60	607.00	605.75	605.60	

PIPE NUMBER	FROM STRUCTURE	U/S INVERT	TO STRUCTURE	D/S INVERT	CLASS / TYPE	DIAMETER	LENGTH FEET	SLOPE %
P47	S53	613.38	S55	609.70	STORM SEWER, CLASS A, TYPE 1	18"	115	3.20%
P48					INTENTIONALLY LEFT BLANK			
P49	S55	609.60	S56	607.30	STORM SEWER, CLASS A, TYPE 1	18"	62.2	3.70%
P50	S56	607.20	S58	607.00	STORM SEWER, CLASS A, TYPE 1	18"	4	5.00%
P51	S57	606.00	S58	605.75	STORM SEWER, CLASS A, TYPE 1	12"	49.2	0.51%
P56	S58	605.60	S64	ME	STORM SEWER, CLASS A, TYPE 2	36"	102.4	



USER NAME = IDOT	DESIGNED - KMC	REVISED -
PLOT SCALE = 40.0032' / in.	DRAWN - KRS, DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - RDC	REVISED -
	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
DRAINAGE PLAN AND PROFILE - RIGHT

SCALE: 1" = 20' SHEET 11 OF 11 SHEETS STA. 178+50 TO STA. 180+54

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	52
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

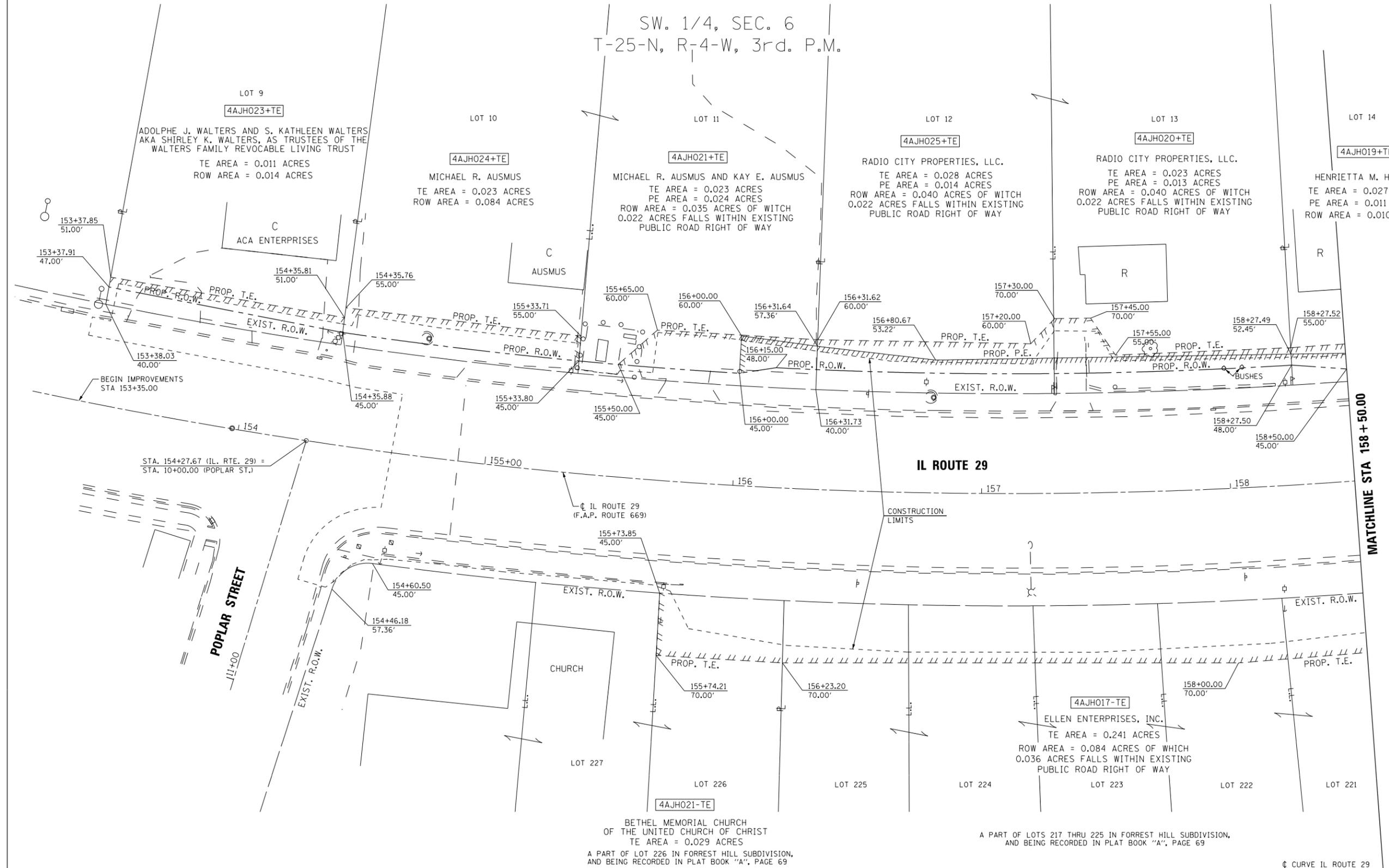
A PART OF LOT 9 IN HIGHLANDALE SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "K", PAGE 27

A PART OF LOTS 10 AND 11 IN HIGHLANDALE SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "K", PAGE 27

A PART OF LOTS 12 AND 13 IN HIGHLANDALE SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "K", PAGE 27

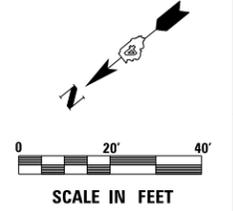
A PART OF LOT 14 IN HIGHLANDALE SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "K", PAGE 27

SW. 1/4, SEC. 6  
T-25-N, R-4-W, 3rd. P.M.



SW. 1/4, SEC. 6  
T-25-N, R-4-W, 3rd. P.M.

☉ CURVE IL ROUTE 29  
P.I. STA. = 155+66.80  
Δ = 28°13'30" (LT)  
D = 3°00'00"  
R = 1899.31'  
T = 477.52'  
L = 935.64'  
P.C. STA. = 150+89.28  
P.T. STA. = 160+24.92



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29 RIGHT OF WAY PLAN	
SCALE: 1" = 20'	SHEET 1 OF 6 SHEETS
STA. 153+35	TO STA. 158+50

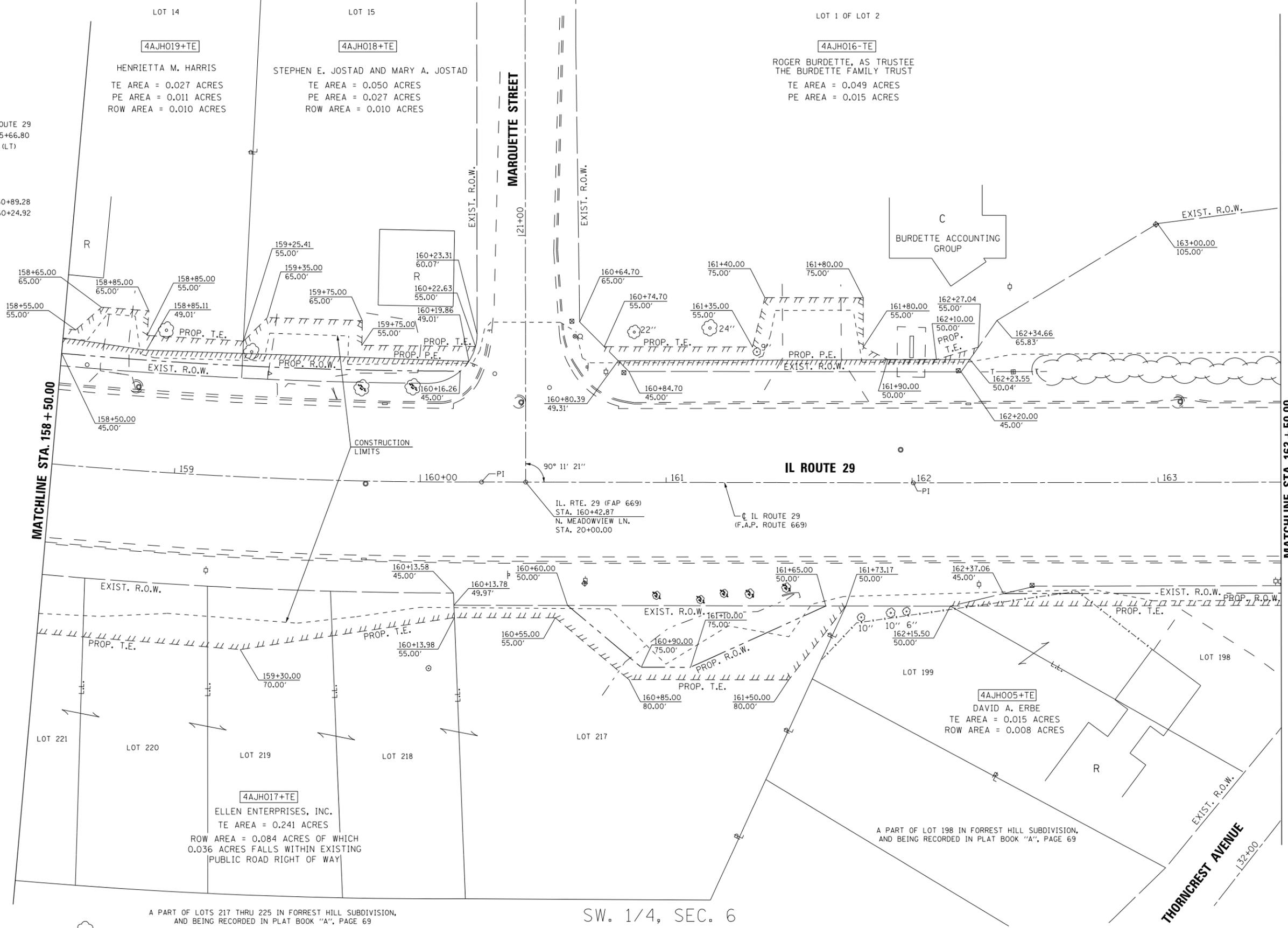
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	53
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

A PART OF LOT 14 IN HIGHLANDALE SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "K", PAGE 27

A PART OF LOT 15 IN HIGHLANDALE SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "K", PAGE 27

A PART OF LOT 1 IN H.J. TANHAUSER RE-SUBDIVISION  
OF LOT 2 OF H.J. TANHAUSER SUBDIVISION LOT A AND  
BEING RECORDED IN PLAT BOOK "N", PAGE 55

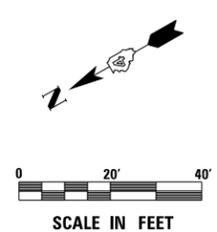
CL CURVE IL ROUTE 29  
P.I. STA. = 155+66.80  
 $\Delta = 28^{\circ}13'30''$  (LT)  
D = 3\*00'00"  
R = 1899.31'  
T = 477.52'  
L = 935.64'  
P.C. STA. = 150+89.28  
P.T. STA. = 160+24.92



MATCHLINE STA. 158 + 50.00

MATCHLINE STA. 163 + 50.00

SW. 1/4, SEC. 6  
T-25-N, R-4-W, 3rd. P.M.



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
PLOT SCALE = 40.0032' / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - RDC	REVISED -
	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29**  
**RIGHT OF WAY PLAN**  
SCALE: 1" = 20' SHEET 2 OF 6 SHEETS STA. 158+50 TO STA. 163+50

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 54
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

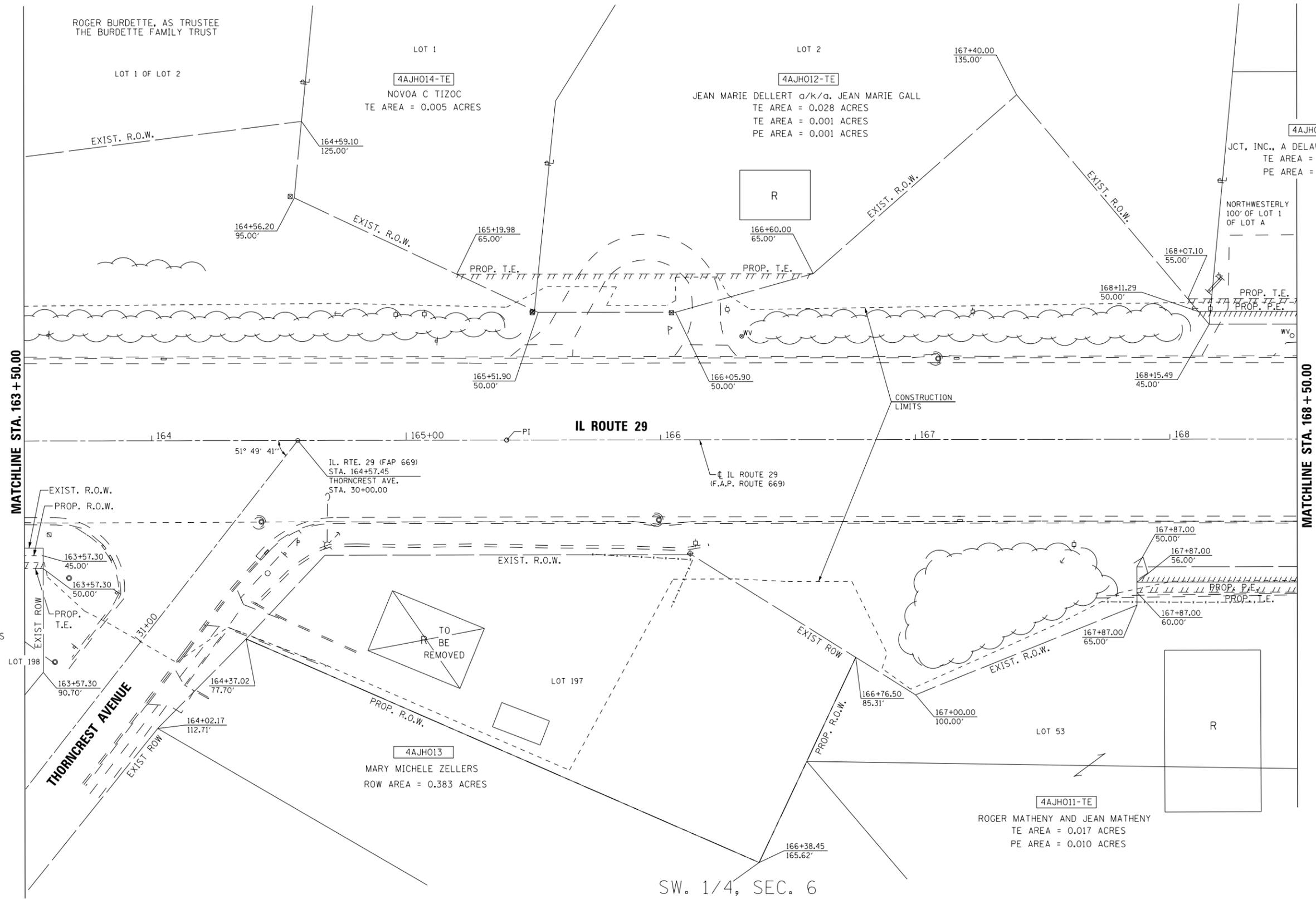
SW. 1/4, SEC. 6  
T-25-N, R-4-W, 3rd. P.M.

A PART OF LOT 1 IN H.J. TANHAUSER RE-SUBDIVISION  
OF LOT 2 OF H.J. TANHAUSER SUBDIVISION LOT A AND  
BEING RECORDED IN PLAT BOOK "N", PAGE 55

A PART OF LOT 1 IN KENWOOD SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "K", PAGE 69

A PART OF LOT 2 IN KENWOOD SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "K", PAGE 89

A PART OF LOT 1 OF LOT A,  
AND BEING RECORDED IN PLAT BOOK "O", PAGE 153



SW. 1/4, SEC. 6  
T-25-N, R-4-W, 3rd. P.M.

LOT 197 IN FORREST HILL SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "A", PAGE 69

A PART OF LOT 53 IN FORREST HILL SUBDIVISION,  
AND BEING RECORDED IN PLAT BOOK "A", PAGE 69



SCALE IN FEET



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
PLOT SCALE = 40.0032' / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - RDC	REVISED -
	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

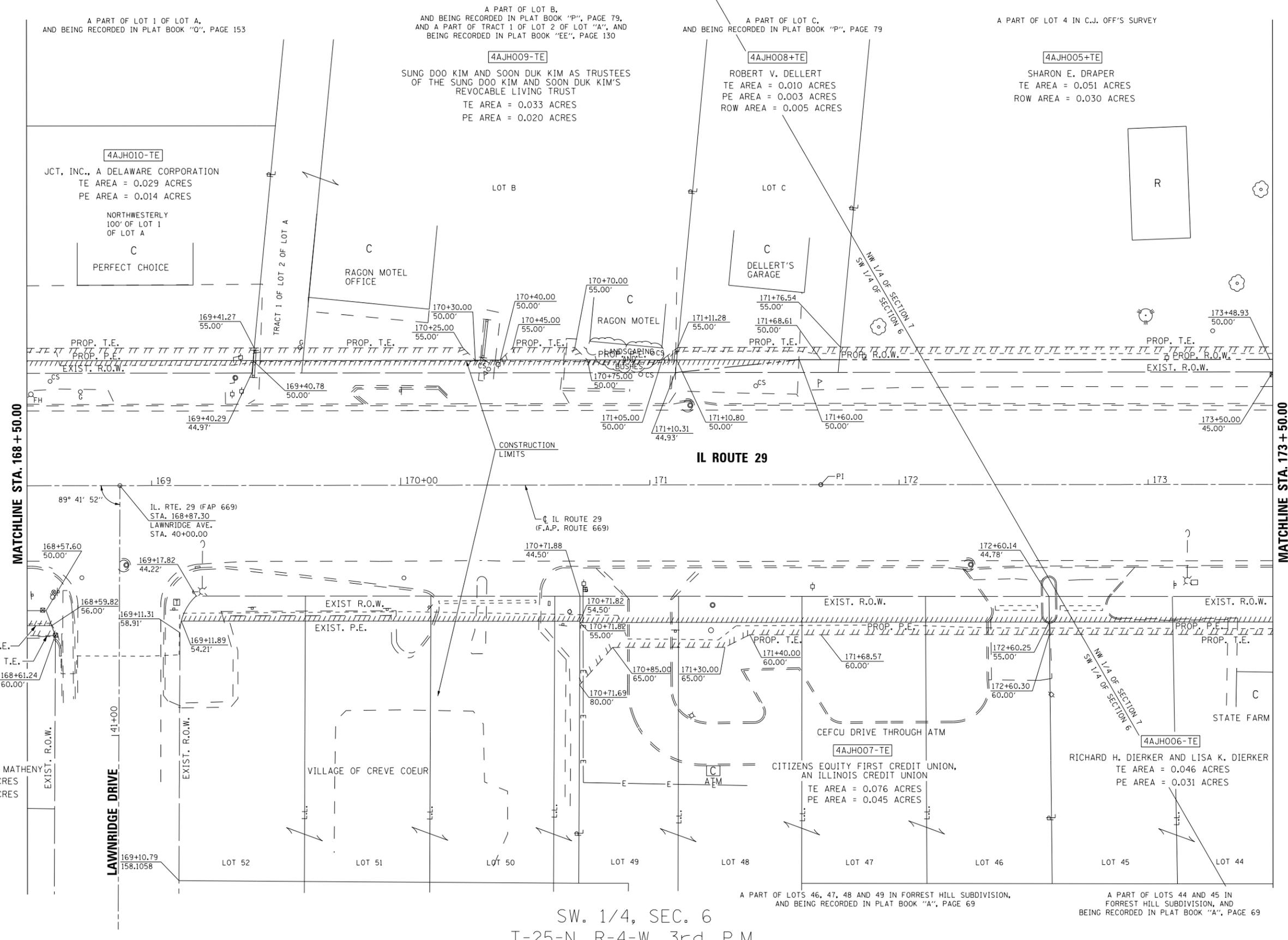
IL. RTE. 29  
RIGHT OF WAY PLAN

SCALE: 1" = 20' SHEET 3 OF 6 SHEETS STA. 163+50 TO STA. 168+50

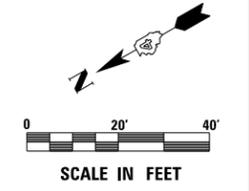
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	55
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

SW. 1/4, SEC. 6  
T-25-N, R-4-W, 3rd. P.M.

NW. 1/4, SEC. 7  
T-25-N, R-4-W, 3rd. P.M.

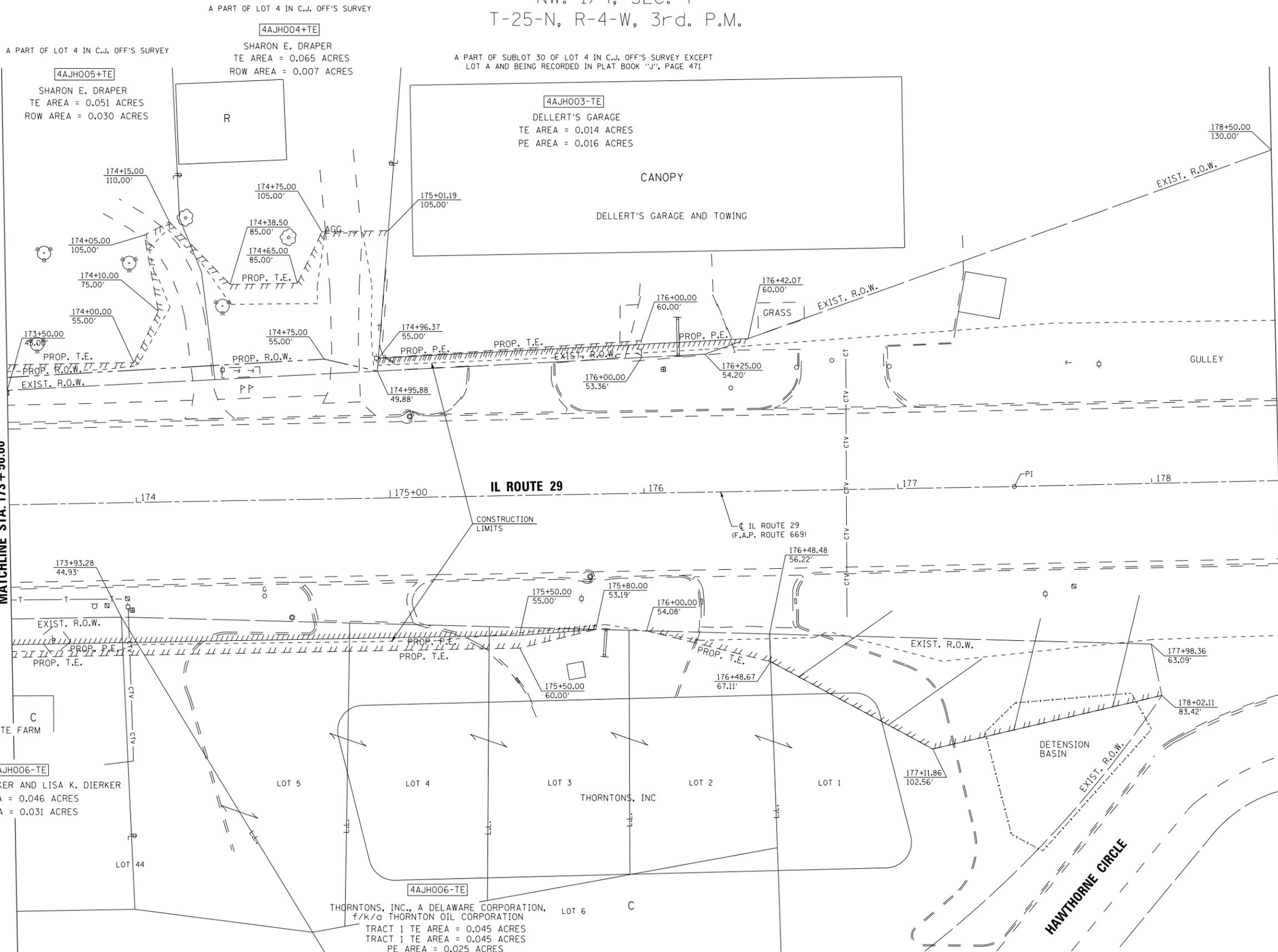


SW. 1/4, SEC. 6  
T-25-N, R-4-W, 3rd. P.M.



	USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL. RTE. 29</b> <b>RIGHT OF WAY PLAN</b>	F.A.P. RTE. = 669	SECTION = 16-00045-01-SW	COUNTY = TAZEWELL	TOTAL SHEETS = 155	SHEET NO. = 56	
	PLOT SCALE = 40.0032' / in.	CHECKED - RDC	REVISED -			SCALE: 1" = 20'	SHEET 4 OF 6 SHEETS	STA. 168+50 TO STA. 173+50	CONTRACT NO. 89713		
	PLOT DATE = 1/22/2019	DATE = \$DATE	REVISED -			ILLINOIS FED. AID PROJECT 05E2(122)					

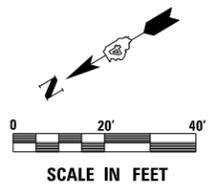
NW. 1/4, SEC. 7  
T-25-N, R-4-W, 3rd. P.M.



A PART OF LOTS 44 AND 45 IN FORREST HILL SUBDIVISION, AND BEING RECORDED IN PLAT BOOK "A", PAGE 69

A PART OF LOTS 2 THRU 5 OF BLOCK 1 IN HOMEWOOD HEIGHTS SUBDIVISION, AND BEING RECORDED IN PLAT BOOK "K", PAGE 49 AND A PART OF LOT 44 IN FORREST HILL SUBDIVISION, AND BEING RECORDED IN PLAT BOOK "A", PAGE 69

NW. 1/4, SEC. 7  
T-25-N, R-4-W, 3rd. P.M.



USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - RDC	REVISED -
	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20'		SHEET 5 OF 6 SHEETS		STA. 173+50 TO STA. 178+50	
-----------------	--	---------------------	--	----------------------------	--

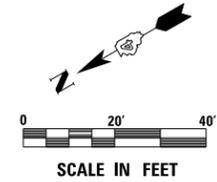
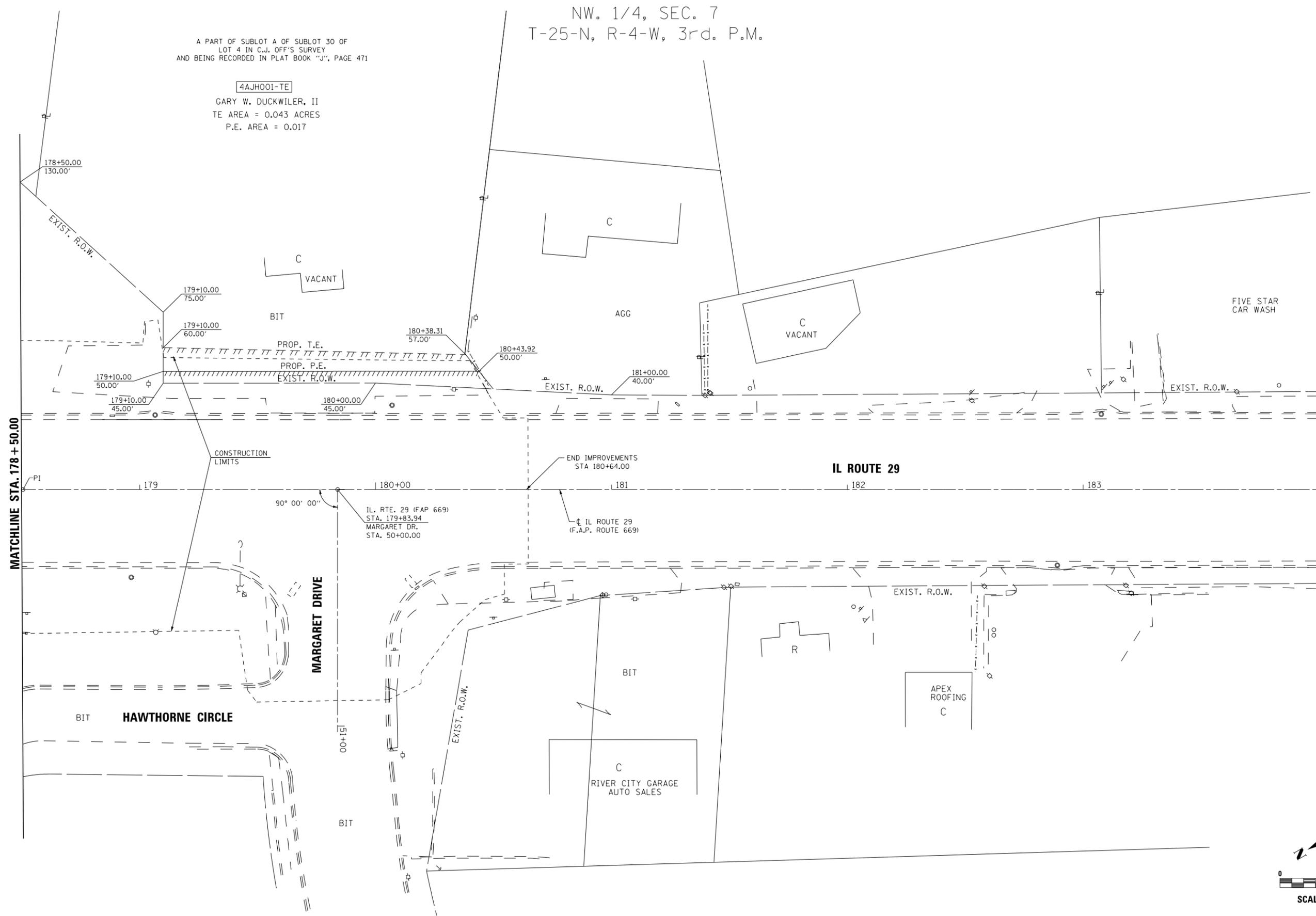
IL. RTE. 29  
RIGHT OF WAY PLAN

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 57
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

NW. 1/4, SEC. 7  
T-25-N, R-4-W, 3rd. P.M.

A PART OF SUBLLOT A OF SUBLLOT 30 OF  
LOT 4 IN C.J. OFF'S SURVEY  
AND BEING RECORDED IN PLAT BOOK "J", PAGE 471

4AJH001-TE  
GARY W. DUCKWILER, II  
TE AREA = 0.043 ACRES  
P.E. AREA = 0.017



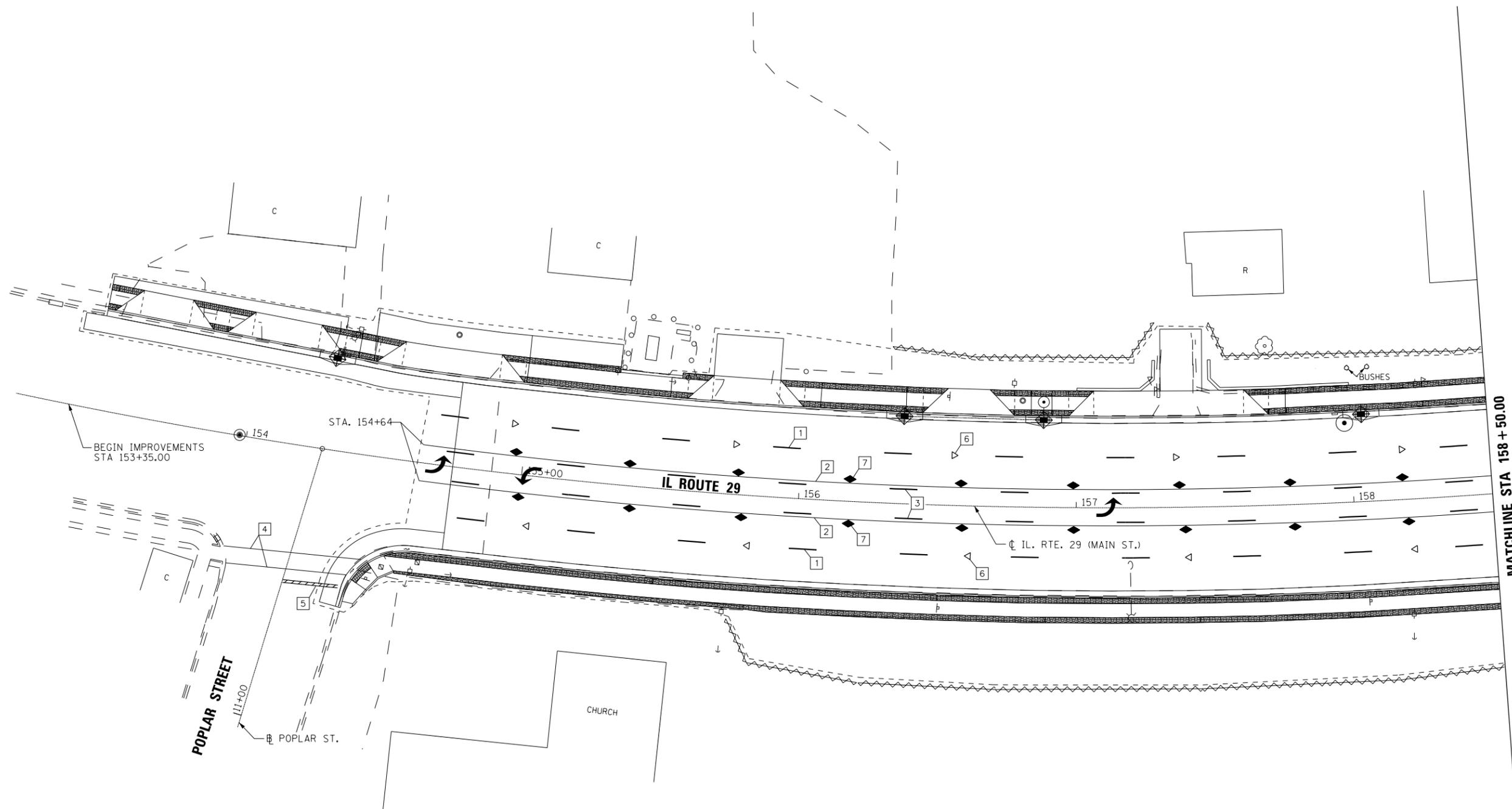
USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
RIGHT OF WAY PLANS**

SCALE: 1" = 20'    SHEET 6 OF 6 SHEETS    STA. 178+50 TO STA. 184+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	58
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

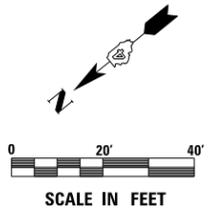


**LEGEND - MODIFIED URETHANE PAVEMENT MARKING**

- 1 LANE LINE SKIP DASH, WHITE 6"
  - 2 LANE LINE SOLID, YELLOW 4"
  - 3 LANE LINE SKIP DASH, YELLOW 4"
  - 4 CROSSWALK SOLID, WHITE 6"
  - 5 STOP BAR SOLID, WHITE 24"
  - 6 ONE-WAY CRYSTAL MARKER AT 80' CENTERS
  - 7 TWO-WAY AMBER MARKER AT 40' CENTERS
- MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

**LEGEND - TEMPORARY EROSION CONTROL**

- INLET AND PIPE PROTECTION/ INLET FILTERS
- PERIMETER EROSION BARRIER SILT FENCE
- DIRECTION OF FLOW
- TEMPORARY DITCH CHECK (BASED ON 12" ROLLED EXCELSIOR)



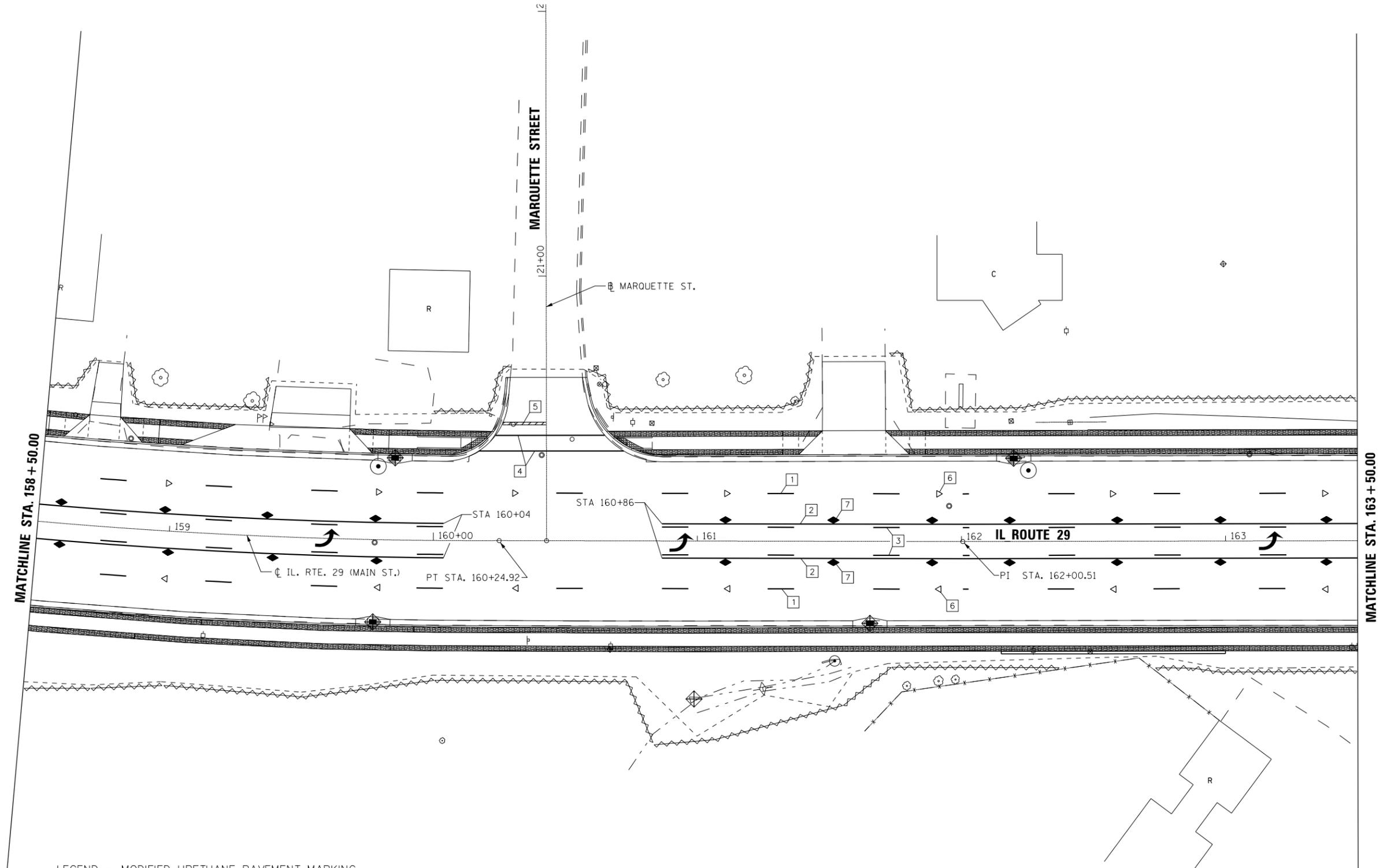
USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
PAVEMENT MARKING, SIGNING AND EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET 1 OF 6 SHEETS    STA. 153+00 TO STA. 158+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	59
CONTRACT NO. 89713				
ILLINOIS    FED. AID PROJECT 05E2(122)				

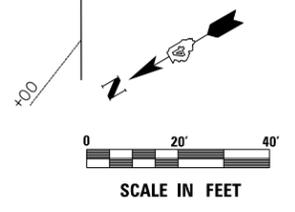


**LEGEND - MODIFIED URETHANE PAVEMENT MARKING**

- 1 LANE LINE SKIP DASH, WHITE 6"
- 2 LANE LINE SOLID, YELLOW 4"
- 3 LANE LINE SKIP DASH, YELLOW 4"
- 4 CROSSWALK SOLID, WHITE 6"
- 5 STOP BAR SOLID, WHITE 24"
- 6 ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- 7 TWO-WAY AMBER MARKER AT 40' CENTERS
- MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

**LEGEND - TEMPORARY EROSION CONTROL**

- INLET AND PIPE PROTECTION/  
INLET FILTERS
- TEMPORARY DITCH CHECK  
(BASED ON 12" ROLLED EXCELSIOR)
- PERIMETER EROSION BARRIER  
SILT FENCE
- DIRECTION OF FLOW



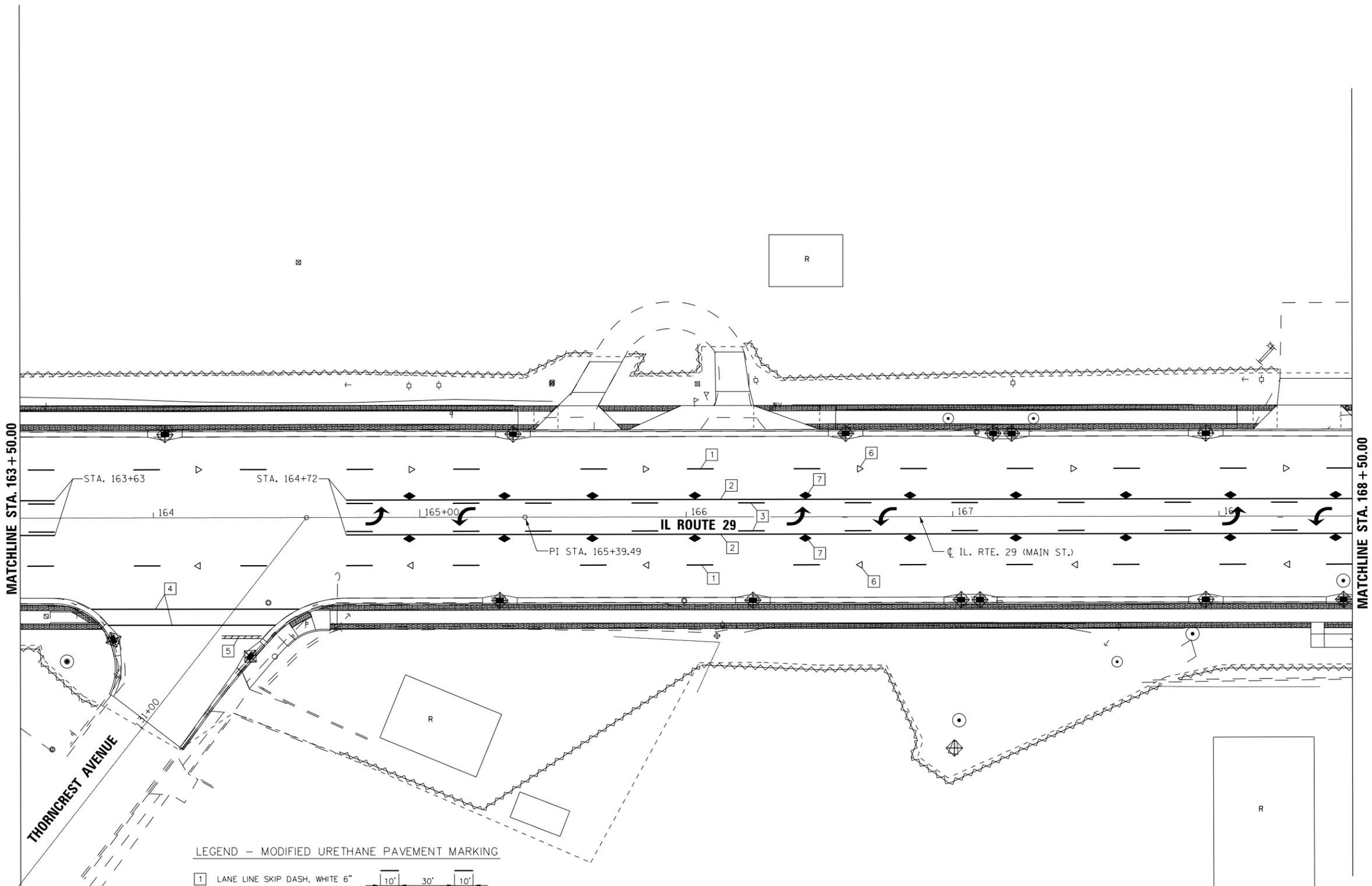
USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
PAVEMENT MARKING, SIGNING AND EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET 2 OF 6 SHEETS    STA. 158+50 TO STA. 163+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	60
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				



LEGEND - MODIFIED URETHANE PAVEMENT MARKING

- 1 LANE LINE SKIP DASH, WHITE 6"
- 2 LANE LINE SOLID, YELLOW 4"
- 3 LANE LINE SKIP DASH, YELLOW 4"
- 4 CROSSWALK SOLID, WHITE 6"
- 5 STOP BAR SOLID, WHITE 24"
- 6 ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- 7 TWO-WAY AMBER MARKER AT 40' CENTERS
- MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

LEGEND - TEMPORARY EROSION CONTROL

- INLET AND PIPE PROTECTION/  
INLET FILTERS
- TEMPORARY DITCH CHECK  
(BASED ON 12" ROLLED EXCELSIOR)
- PERIMETER EROSION BARRIER  
SILT FENCE
- DIRECTION OF FLOW



SCALE IN FEET



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
PAVEMENT MARKING, SIGNING AND EROSION CONTROL PLAN

SCALE: 1" = 20' SHEET 3 OF 6 SHEETS STA. 163+50 TO STA. 168+50

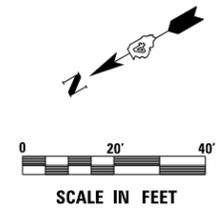
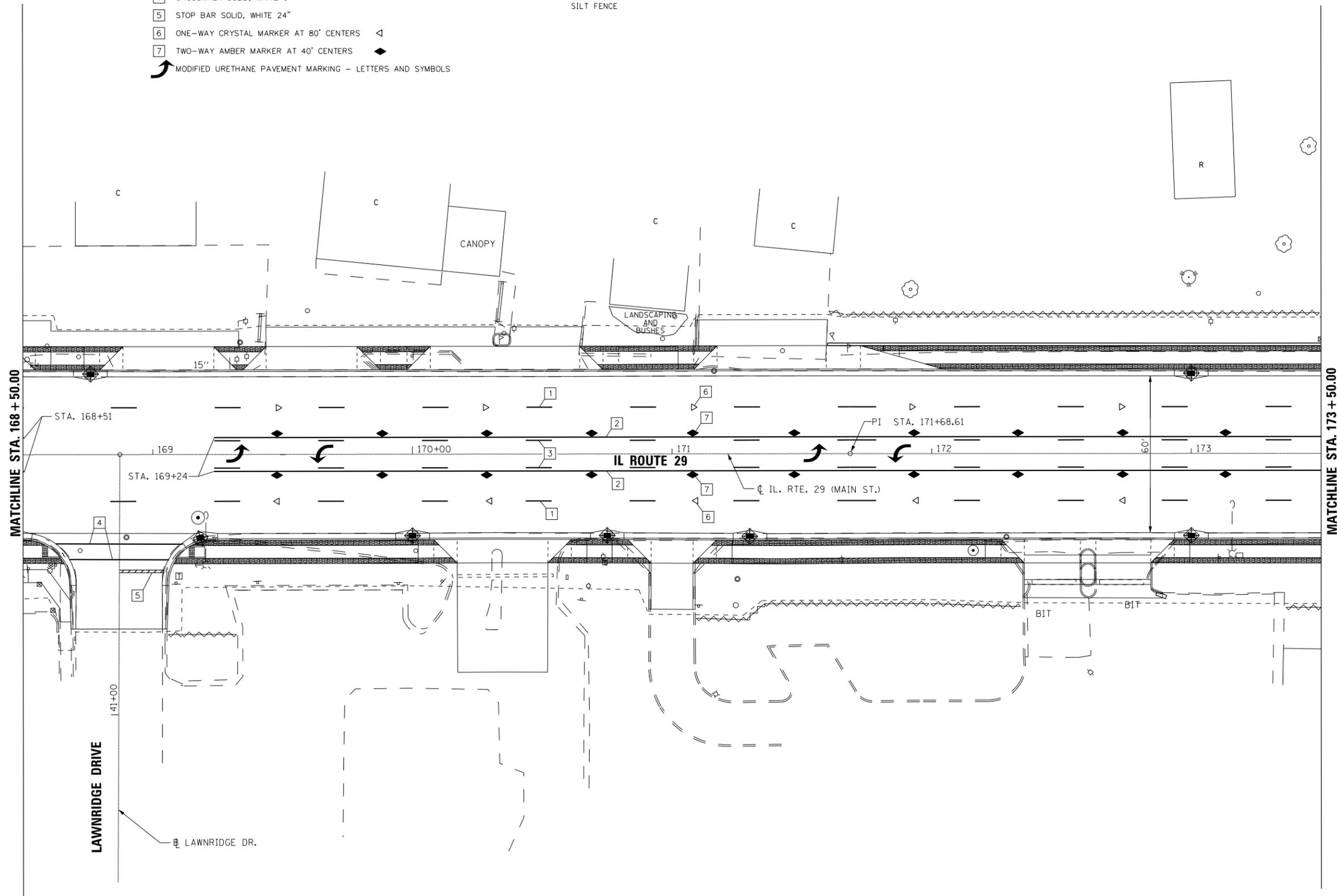
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	61
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

LEGEND - MODIFIED URETHANE PAVEMENT MARKING

- 1 LANE LINE SKIP DASH, WHITE 6"
- 2 LANE LINE SOLID, YELLOW 4"
- 3 LANE LINE SKIP DASH, YELLOW 4"
- 4 CROSSWALK SOLID, WHITE 6"
- 5 STOP BAR SOLID, WHITE 24"
- 6 ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- 7 TWO-WAY AMBER MARKER AT 40' CENTERS
- MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

LEGEND - TEMPORARY EROSION CONTROL

- INLET AND PIPE PROTECTION/  
INLET FILTERS
- TEMPORARY DITCH CHECK  
(BASED ON 12" ROLLED EXCELSIOR)
- PERIMETER EROSION BARRIER  
SILT FENCE
- DIRECTION OF FLOW

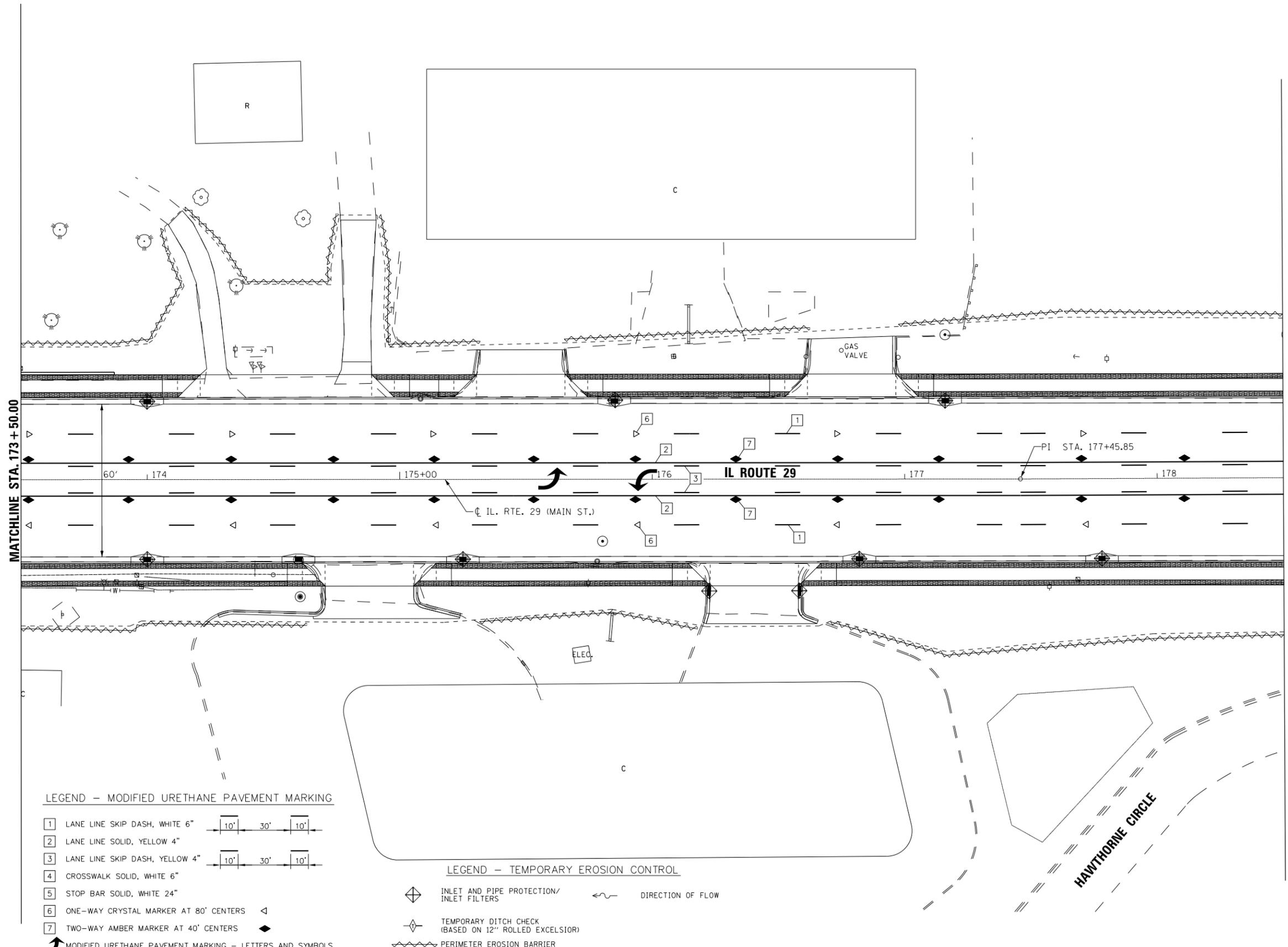
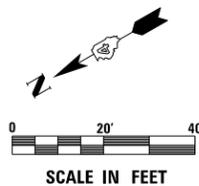


USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 48.0032' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
PAVEMENT MARKING, SIGNING AND EROSION CONTROL PLAN  
SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. 168+50 TO STA. 173+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	62
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				



**LEGEND - MODIFIED URETHANE PAVEMENT MARKING**

- 1 LANE LINE SKIP DASH, WHITE 6"
  - 2 LANE LINE SOLID, YELLOW 4"
  - 3 LANE LINE SKIP DASH, YELLOW 4"
  - 4 CROSSWALK SOLID, WHITE 6"
  - 5 STOP BAR SOLID, WHITE 24"
  - 6 ONE-WAY CRYSTAL MARKER AT 80' CENTERS
  - 7 TWO-WAY AMBER MARKER AT 40' CENTERS
- MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

**LEGEND - TEMPORARY EROSION CONTROL**

- INLET AND PIPE PROTECTION/ INLET FILTERS
- TEMPORARY DITCH CHECK (BASED ON 12" ROLLED EXCELSIOR)
- PERIMETER EROSION BARRIER SILT FENCE
- DIRECTION OF FLOW



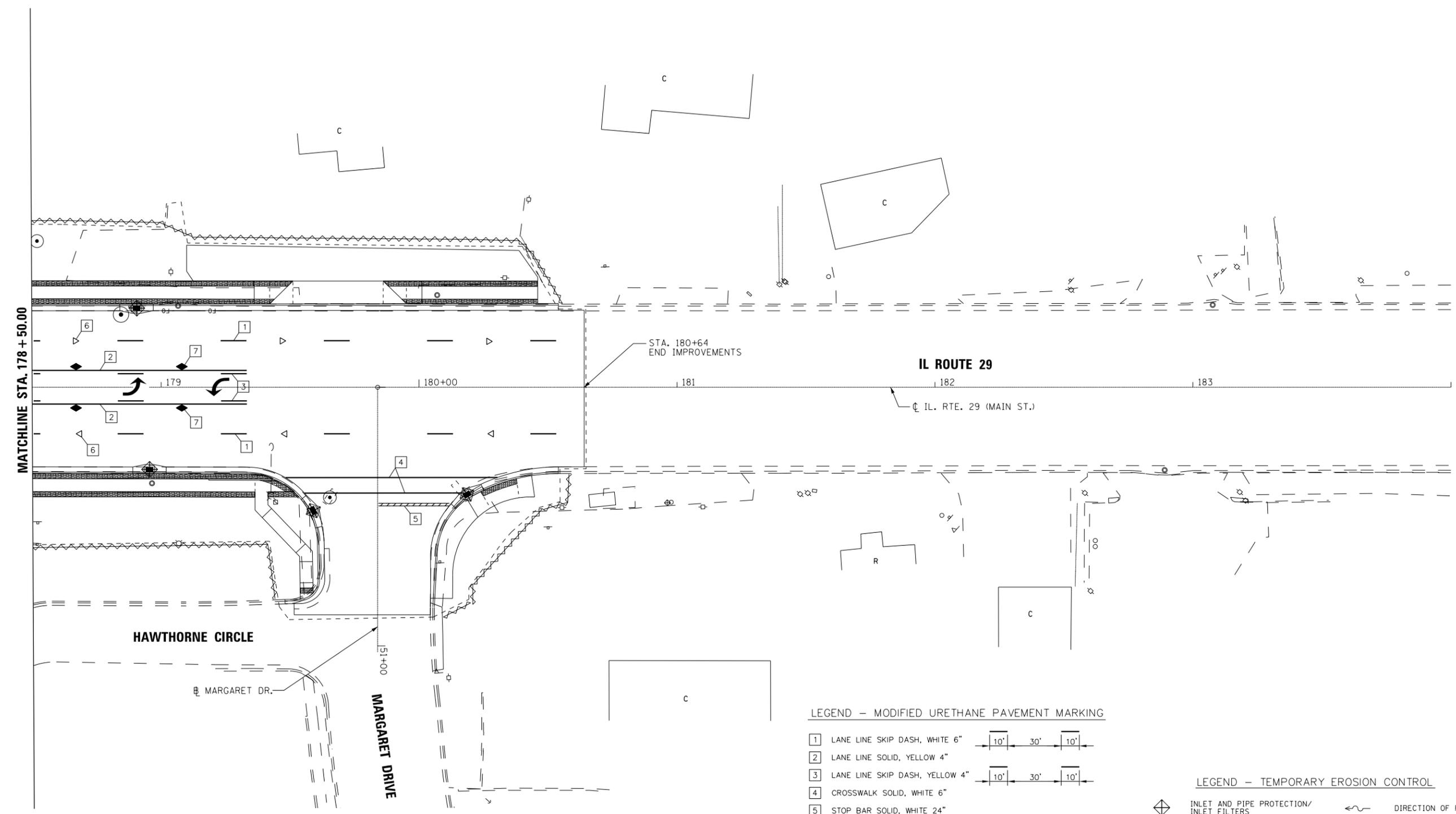
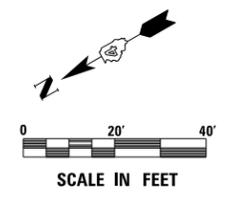
USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
PAVEMENT MARKING, SIGNING AND EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET 5 OF 6 SHEETS STA. 173+50 TO STA. 178+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	63
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				



LEGEND - MODIFIED URETHANE PAVEMENT MARKING

- 1 LANE LINE SKIP DASH, WHITE 6"
  - 2 LANE LINE SOLID, YELLOW 4"
  - 3 LANE LINE SKIP DASH, YELLOW 4"
  - 4 CROSSWALK SOLID, WHITE 6"
  - 5 STOP BAR SOLID, WHITE 24"
  - 6 ONE-WAY CRYSTAL MARKER AT 80' CENTERS
  - 7 TWO-WAY AMBER MARKER AT 40' CENTERS
- MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

LEGEND - TEMPORARY EROSION CONTROL

- INLET AND PIPE PROTECTION/  
INLET FILTERS
- TEMPORARY DITCH CHECK  
(BASED ON 12" ROLLED EXCELSIOR)
- PERIMETER EROSION BARRIER  
SILT FENCE
- DIRECTION OF FLOW



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

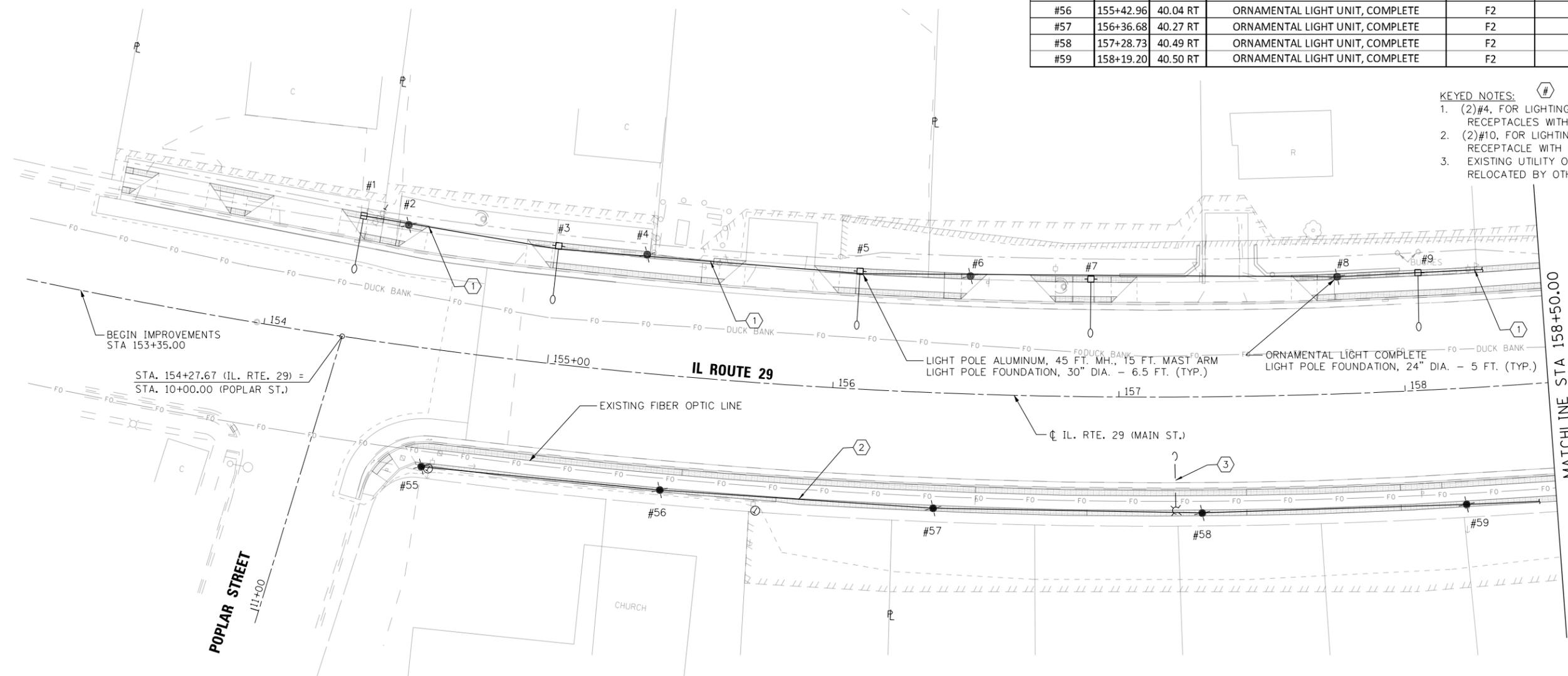
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL. RTE. 29  
PAVEMENT MARKING, SIGNING AND EROSION CONTROL PLAN  
SCALE: 1" = 20' SHEET 6 OF 6 SHEETS STA. 178+50 TO STA. 184+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	64
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

ELECTRIC CABLE SCHEDULE			ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	UNDERGROUND CONDUIT, PVC, 2" DIA.	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	ORNAMENTAL LIGHT UNIT, COMPLETE	LUMINAIRE, LED, HORIZONTAL MOUNT, HW
LOCATION			FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
LT. STA 153+35.00	TO	LT. STA. 158+50.00		1461	1461	487	5	4	5
RT. STA 153+35.00	TO	RT. STA. 158+50.00	1326	1326		442		5	
<b>TOTAL</b>			<b>1,326</b>	<b>2,787</b>	<b>1,461</b>	<b>929</b>	<b>5</b>	<b>9</b>	<b>5</b>

POLE NUMBER	STATION	OFFSET	ITEM TYPE	FIXTURE TAG	LIGHTING FIXTURE		RECEPTACLE	
					CONTROLLER	CIRCUIT	CONTROLLER	CIRCUIT
#1	154+28.96	42.65 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	A	NONE	NONE
#2	154+45.30	41.74 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	A	1	E
#3	154+99.37	41.07 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	A	NONE	NONE
#4	155+31.07	41.27 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	A	1	E
#5	156+07.32	41.03 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	A	NONE	NONE
#6	156+46.73	41.08 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	A	1	E
#7	156+89.74	40.98 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	A	NONE	NONE
#8	157+77.62	40.79 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	A	1	E
#9	158+06.51	41.01 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	A	NONE	NONE
#55	154+61.05	41.13 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	C	1	G
#56	155+42.96	40.04 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	C	1	G
#57	156+36.68	40.27 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	C	1	G
#58	157+28.73	40.49 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	C	1	G
#59	158+19.20	40.50 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	C	1	G



**KEYED NOTES:**

- (2)#4, FOR LIGHTING, AND (2)#2 FOR RECEPTACLES WITH (1)#2 GND IN 2" CONDUIT.
- (2)#10, FOR LIGHTING, AND (2)#4 FOR RECEPTACLE WITH (1)#4 GND IN 2" CONDUIT.
- EXISTING UTILITY OWNED LIGHT FIXTURE TO BE REMOVED OR RELOCATED BY OTHERS.

- LEGEND:**
- UNDERGROUND RACEWAY
  - EXISTING LIGHT POLE
  - POLE MOUNTED ROADWAY LIGHT FIXTURE (F1)
  - POLE MOUNTED ORNAMENTAL LIGHT FIXTURE (F2)
  - LIGHTING CONTROLLER
  - HANDHOLE
  - DOUBLE HANDHOLE

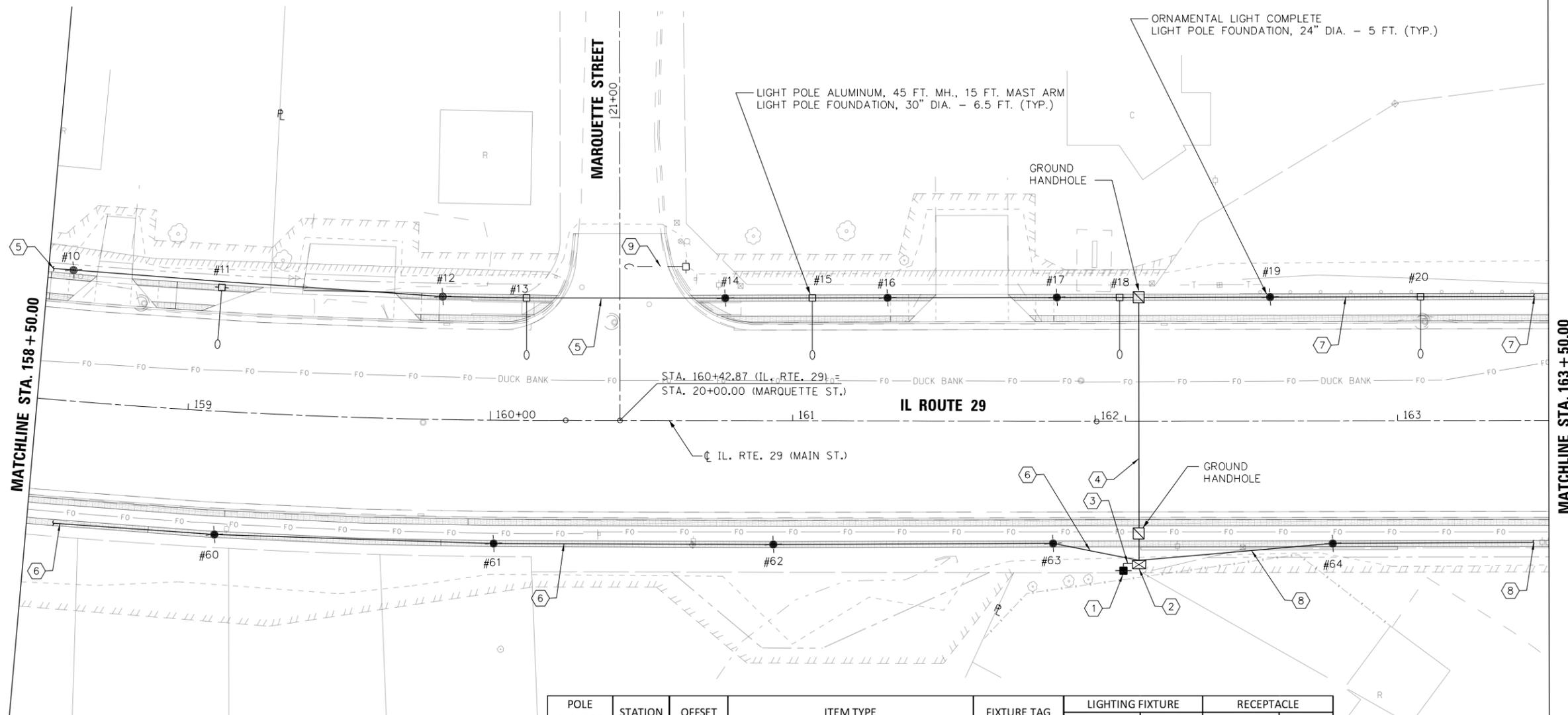
- GENERAL NOTES:**
- EXISTING UTILITY LOCATION INFORMATION IS NOT SHOWN ON THE PLAN SHEETS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES PRIOR TO THE INSTALLATION OF ANY COMPONENTS. THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS AND TERRAIN PRIOR TO COMMENCING WORK ON THE PROJECT.
  - THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
  - ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.

- THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03 UNLESS SPECIFIED OTHERWISE.
- ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.05.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.
- ANY MAINTENANCE OF EXISTING ELECTRICAL FACILITIES WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- JUNCTION BOXES, CONCRETE HANDHOLES, AND COMMUNICATION VAULTS SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR UNDERGROUND PVC CONDUIT.
- POTHOLING TO LOCATE EXISTING UNDERGROUND UTILITIES SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE CONDUIT PAY ITEM.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN THE REQUIRED MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING FIELD CONDITIONS (LUMINAIRE VOLTAGES, WATTAGES, ETC.) PRIOR TO SUBMITTING CATALOG CUTS FOR AND PROCURING EQUIPMENT.
- REFER TO IDOT STANDARD 836001 FOR POLE BASE DETAILS AND REQUIREMENTS FOR COBRAHEADS. REFER TO SHEET 72 AND 75 FOR WIRING DETAILS.
- SPLICING IN UNDERGROUND HANDHOLES IS NOT PERMITTED PER IDOT SPECIFICATIONS
- FURNISH AND INSTALL NEW HANDHOLES AS NEEDED TO FACILITATE INSTALL. REFER TO IDOT STANDARD 814001.
- ORNAMENTAL FIXTURES SHALL INCLUDE A 120V RECEPTACLE. REFER TO SHEET 72 FOR ADDITIONAL DETAILS.
- BORE UNDER ALL EXISTING PAVEMENT TO REMAIN. (TYPICAL).
- REFER TO IDOT STANDARD 830001 FOR LIGHT POLE MAST ARM REQUIREMENTS.
- PROPOSED HANDHOLE LID AND FRAME SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE HANDHOLE.

KEYED NOTES: #

1. APPROXIMATE LOCATION OF NEW AMEREN SERVICE DROP. COORDINATE WITH AMEREN FOR REQUIREMENTS.
2. LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP.
3. ELECTRIC SERVICE INSTALLATION PER SHEET 74 PROVIDE (2)#2 AND (1)#4 IN 2" PVC CONDUIT
4. (4)#4, (2)#2 AND (2)#6 + (1)#2 GND IN 4" CONDUIT.
5. (2)#4, FOR LIGHTING, AND (2)#2 FOR RECEPTACLES WITH (1)#2 GND IN 2" CONDUIT.
6. (2)#10 FOR LIGHTING, AND (2)#4 FOR RECEPTACLES WITH (1)#4 GND IN 2" CONDUIT.
7. (2)#6 FOR LIGHTING, AND (2)#4 FOR RECEPTACLES WITH (1)#4 GND IN 2" CONDUIT.
8. (2)#10 FOR LIGHTING, AND (2)#6 FOR RECEPTACLES WITH (1)#6 GND IN 2" CONDUIT.
9. CONTRACTOR TO REMOVE EXISTING LIGHT FIXTURE, POLE AND FOUNDATION. COORDINATE WITH AMEREN (REMOVAL OF LIGHTING UNIT, SALVAGE)

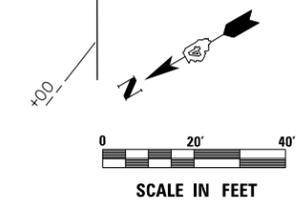
ELECTRIC CABLE SCHEDULE		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1	UNDERGROUND CONDUIT, PVC, 2" DIA.	UNDERGROUND CONDUIT, PVC, 4" DIA.	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	ORNAMENTAL LIGHT UNIT, COMPLETE	LUMINAIRE, LED, HORIZONTAL MOUNT, HW	ELECTRIC SERVICE INSTALLATION	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP
LOCATION		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH
LT. STA 158+50.00	TO RT. STA. 163+50.00		425	1848	1422		616		5	6	5		
RT. STA 158+50.00	TO RT. STA. 163+50.00	1674	384	1290			558			5		1	1
LT. STA 162+33.00	TO RT. STA. 162+33.00		324	648	324	60	20	108					
<b>TOTAL</b>		<b>1,674</b>	<b>1,134</b>	<b>3,786</b>	<b>1,746</b>	<b>60</b>	<b>1,194</b>	<b>108</b>	<b>5</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>1</b>



LEGEND:

- UNDERGROUND RACEWAY
- EXISTING LIGHT POLE
- POLE MOUNTED ROADWAY LIGHTING FIXTURE (F1)
- POLE MOUNTED ORNAMENTAL LIGHTING FIXTURE (F2)
- LIGHTING CONTROLLER
- HANDHOLE
- PROPOSED ELECTRIC SERVICE 100A WITH NEMA 4X STAINLESS STEEL DISCONNECT

POLE NUMBER	STATION	OFFSET	ITEM TYPE	FIXTURE TAG	LIGHTING FIXTURE		RECEPTACLE	
					CONTROLLER	CIRCUIT	CONTROLLER	CIRCUIT
#10	158+58.42	43.13 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	A	1	E
#11	159+08.86	40.88 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	A	NONE	NONE
#12	159+83.55	40.57 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	A	1	E
#13	160+11.87	40.41 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	A	NONE	NONE
#14	160+77.61	40.45 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	A	1	E
#15	161+06.43	40.56 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	A	NONE	NONE
#16	161+31.25	40.65 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	A	1	E
#17	161+87.25	40.90 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	A	1	E
#18	162+08.18	40.92 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	A	NONE	NONE
#19	162+57.93	40.91 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	B	1	F
#20	163+07.68	40.91 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	B	NONE	NONE
#60	159+10.95	40.70 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	C	1	G
#61	160+01.41	40.69 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	C	1	G
#62	160+93.65	40.83 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	C	1	G
#63	161+86.15	40.32 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	C	1	G
#64	162+78.49	40.44 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	D	1	H



USER NAME = IDOT	DESIGNED - KMC	REVISED -
DRAWN - KRS/DLC	CHECKED - RDC	REVISED -
PLOT SCALE = 48.0000' / in.	DATE - \$DATE	REVISED -
PLOT DATE = 1/22/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

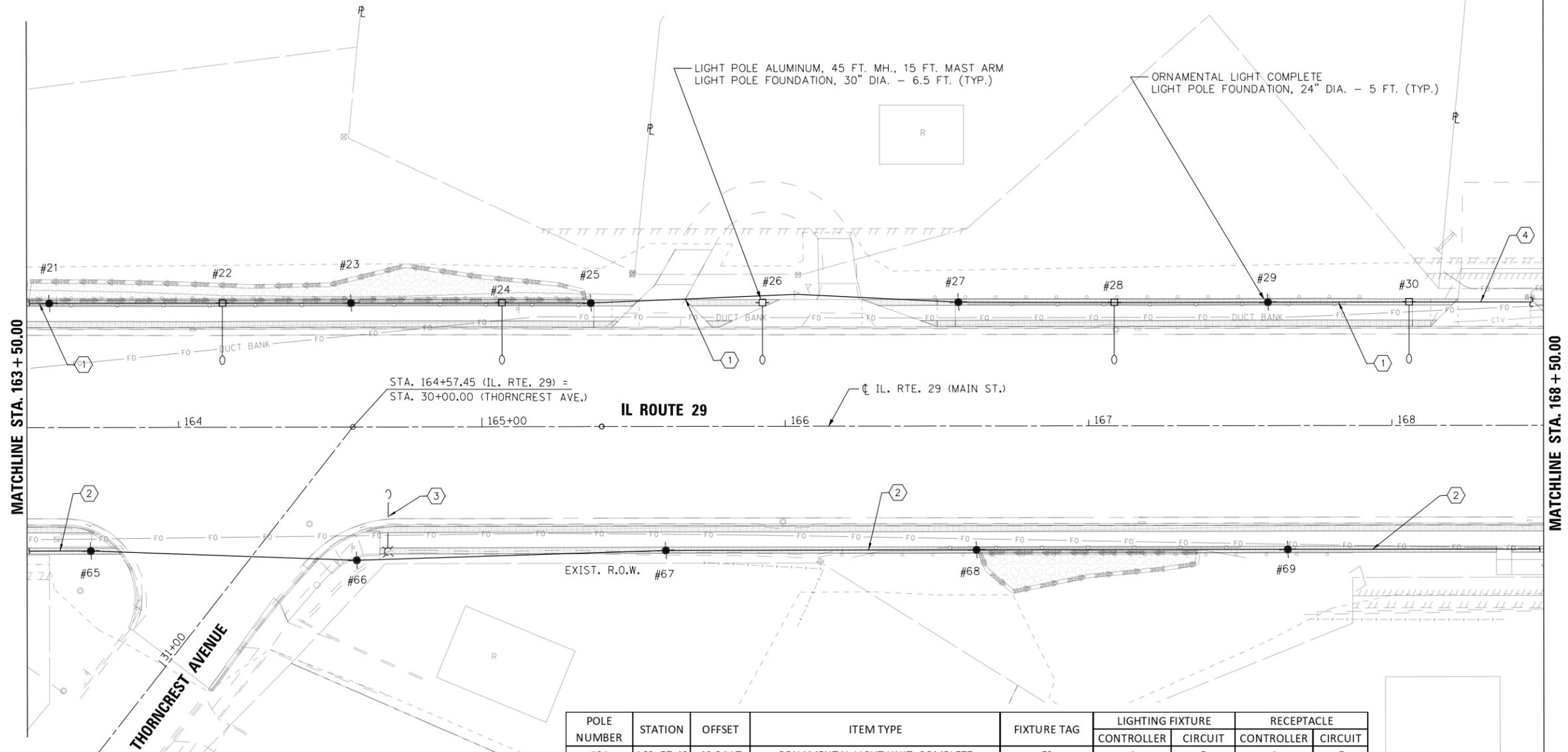
**IL. RTE. 29  
LIGHTING PLAN**

SCALE: 1" = 20'    SHEET 2 OF 6 SHEETS    STA. 158+50 TO STA. 163+50

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 66
ILLINOIS FED. AID PROJECT 05E2(122)			CONTRACT NO. 89713	

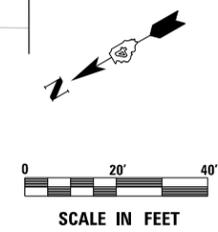
ELECTRIC CABLE SCHEDULE			ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	UNDERGROUND CONDUIT, PVC, 2" DIA.	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	ORNAMENTAL LIGHT UNIT, COMPLETE	LUMINAIRE, LED, HORIZONTAL MOUNT, HW
LOCATION			FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
LT. STA 163+50.00	TO	LT. STA. 168+50.00		1653	1653	595	5	5	5
RT. STA 163+50.00	TO	RT. STA. 168+50.00	1650	1650	550			5	
TOTAL			1,650	3,303	1,653	1,145	5	10	5

- KEYED NOTES:
- (2)#6 FOR LIGHTING, AND (2)#4 FOR RECEPTACLES WITH (1)#4 GND IN 2" CONDUIT.
  - (2)#10 FOR LIGHTING, AND (2)#6 FOR RECEPTACLES WITH (1)#6 GND IN 2" CONDUIT.
  - EXISTING UTILITY OWNED LIGHT FIXTURE TO BE REMOVED OR RELOCATED BY OTHERS.
  - SPARE 2" CONDUIT.



- LEGEND:
- UNDERGROUND RACEWAY
  - EXISTING LIGHT POLE
  - POLE MOUNTED ROADWAY LIGHTING FIXTURE (F1)
  - POLE MOUNTED ORNAMENTAL LIGHTING FIXTURE (F2)
  - LIGHTING CONTROLLER
  - HANDHOLE

POLE NUMBER	STATION	OFFSET	ITEM TYPE	FIXTURE TAG	LIGHTING FIXTURE		RECEPTACLE	
					CONTROLLER	CIRCUIT	CONTROLLER	CIRCUIT
#21	163+57.43	40.84 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	B	1	F
#22	164+14.51	40.85 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	B	NONE	NONE
#23	164+56.93	40.79 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	B	1	F
#24	165+06.68	40.81 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	B	NONE	NONE
#25	165+36.79	39.75 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	B	1	F
#26	165+92.54	40.69 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	B	NONE	NONE
#27	166+57.14	40.74 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	B	1	F
#28	167+08.52	40.58 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	B	NONE	NONE
#29	167+59.16	40.59 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	B	1	F
#30	168+05.72	40.68 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	1	B	NONE	NONE
#65	163+70.99	40.62 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	D	1	H
#66	164+58.67	43.85 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	D	1	H
#67	156+60.57	40.80 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	D	1	H
#68	166+63.02	40.75 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	D	1	H
#69	167+65.63	40.71 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	D	1	H



USER NAME = IDOT	DESIGNED - KMC	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - RDC	REVISED -
	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

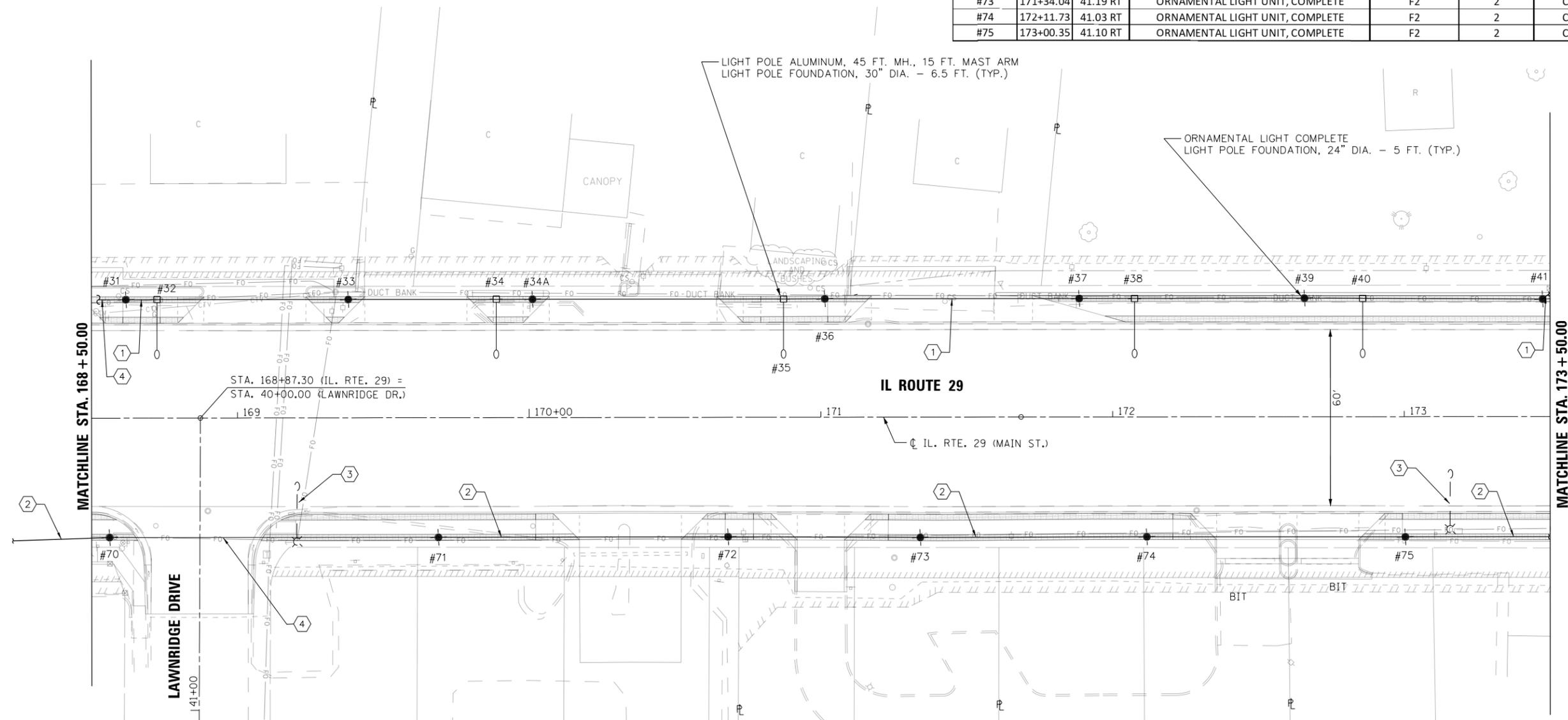
IL. RTE. 29  
LIGHTING PLAN

SCALE: 1" = 20' SHEET 3 OF 6 SHEETS STA. 163+50 TO STA. 168+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	67
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

ELECTRIC CABLE SCHEDULE			ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	UNDERGROUND CONDUIT, PVC, 2" DIA.	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	ORNAMENTAL LIGHT UNIT, COMPLETE	LUMINAIRE, LED, HORIZONTAL MOUNT, HW
LOCATION			FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
LT. STA 168+50.00	TO	LT. STA. 173+50.00		1806		1806	620	5	7	5
RT. STA 168+50.00	TO	RT. STA. 173+50.00	1311		1311	550			6	
<b>TOTAL</b>			<b>1,311</b>	<b>1,806</b>	<b>1,311</b>	<b>1,806</b>	<b>1,170</b>	<b>5</b>	<b>13</b>	<b>5</b>

POLE NUMBER	STATION	OFFSET	ITEM TYPE	FIXTURE TAG	LIGHTING FIXTURE		RECEPTACLE	
					CONTROLLER	CIRCUIT	CONTROLLER	CIRCUIT
#31	168+61.81	40.49 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	A	2	E
#32	168+72.46	40.56 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	A	NONE	NONE
#33	169+38.02	40.49 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	A	2	E
#34	169+88.78	40.50 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	A	NONE	NONE
#34A	170+01.20	40.48 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	A	2	E
#35	170+87.26	40.45 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	A	NONE	NONE
#36	171+01.38	40.48 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	A	2	E
#37	171+88.58	40.49 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	A	2	E
#38	172+07.56	40.46 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	A	NONE	NONE
#39	172+65.81	40.55 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	A	2	E
#40	172+85.76	40.48 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	A	NONE	NONE
#41	173+47.44	40.23 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	A	2	E
#70	168+56.15	40.86 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	1	D	1	H
#71	169+68.85	40.92 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	C	2	G
#72	170+68.14	40.87 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	C	2	G
#73	171+34.04	41.19 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	C	2	G
#74	172+11.73	41.03 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	C	2	G
#75	173+00.35	41.10 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	C	2	G



- LEGEND:**
- UNDERGROUND RACEWAY
  - EXISTING LIGHT POLE
  - POLE MOUNTED ROADWAY LIGHTING FIXTURE (F1)
  - POLE MOUNTED ORNAMENTAL LIGHTING FIXTURE (F2)
  - LIGHTING CONTROLLER
  - HANDHOLE

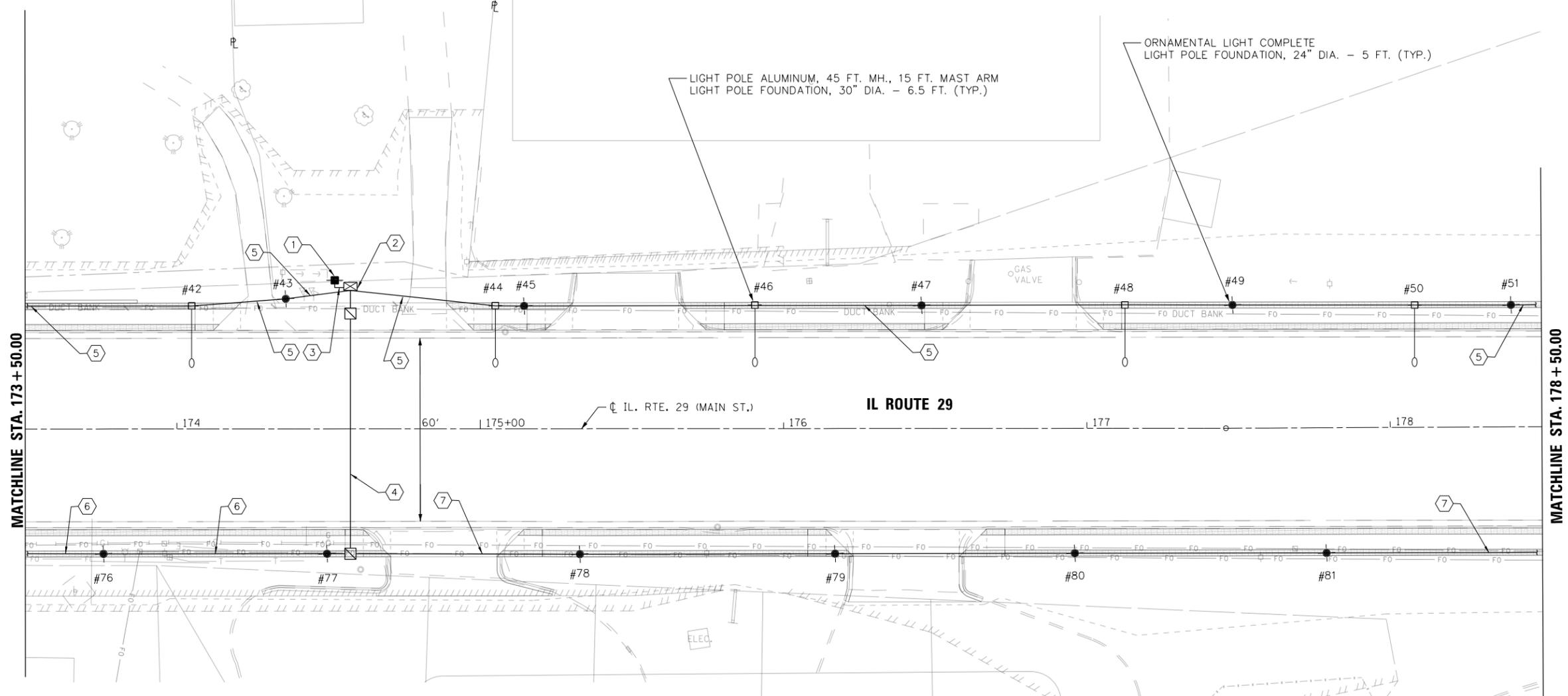
- KEYED NOTES:**
1. (2)#8 FOR LIGHTING, AND (2)#4 FOR RECEPTACLES WITH (1)#4 GND IN 2" CONDUIT.
  2. (2)#10 FOR LIGHTING, AND (2)#4 FOR RECEPTACLES WITH (1)#4 GND IN 2" CONDUIT.
  3. EXISTING UTILITY OWNED LIGHT FIXTURE TO BE REMOVED OR RELOCATED BY OTHERS.
  4. SPARE 2" CONDUIT.



ELECTRIC CABLE SCHEDULE			ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1	UNDERGROUND CONDUIT, PVC, 2" DIA.	UNDERGROUND CONDUIT, PVC, 4" DIA.	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	ORNAMENTAL LIGHT UNIT, COMPLETE	LUMINAIRE, LED, HORIZONTAL MOUNT, HW	ELECTRIC SERVICE INSTALLATION	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP
LOCATION			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH
LT. STA 173+50.00	TO	LT. STA. 178+50.00		1842	300	1842			614		5	5	5	1	1
RT. STA 173+50.00	TO	RT. STA. 178+50.00	1716				1416		572			6			
LT. STA 174+34.00	TO	RT. STA 174+34.00	648		324		324	60	20	108					
<b>TOTAL</b>			<b>2,364</b>	<b>1,842</b>	<b>624</b>	<b>1,842</b>	<b>1,740</b>	<b>60</b>	<b>1,206</b>	<b>108</b>	<b>5</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>1</b>

**LEGEND:**

- UNDERGROUND RACEWAY
- EXISTING LIGHT POLE
- POLE MOUNTED ROADWAY LIGHTING FIXTURE (F1)
- POLE MOUNTED ORNAMENTAL LIGHTING FIXTURE (F2)
- LIGHTING CONTROLLER
- HANDHOLE
- PROPOSED ELECTRIC SERVICE 100A WITH NEMA 4X STAINLESS STEEL DISCONNECT

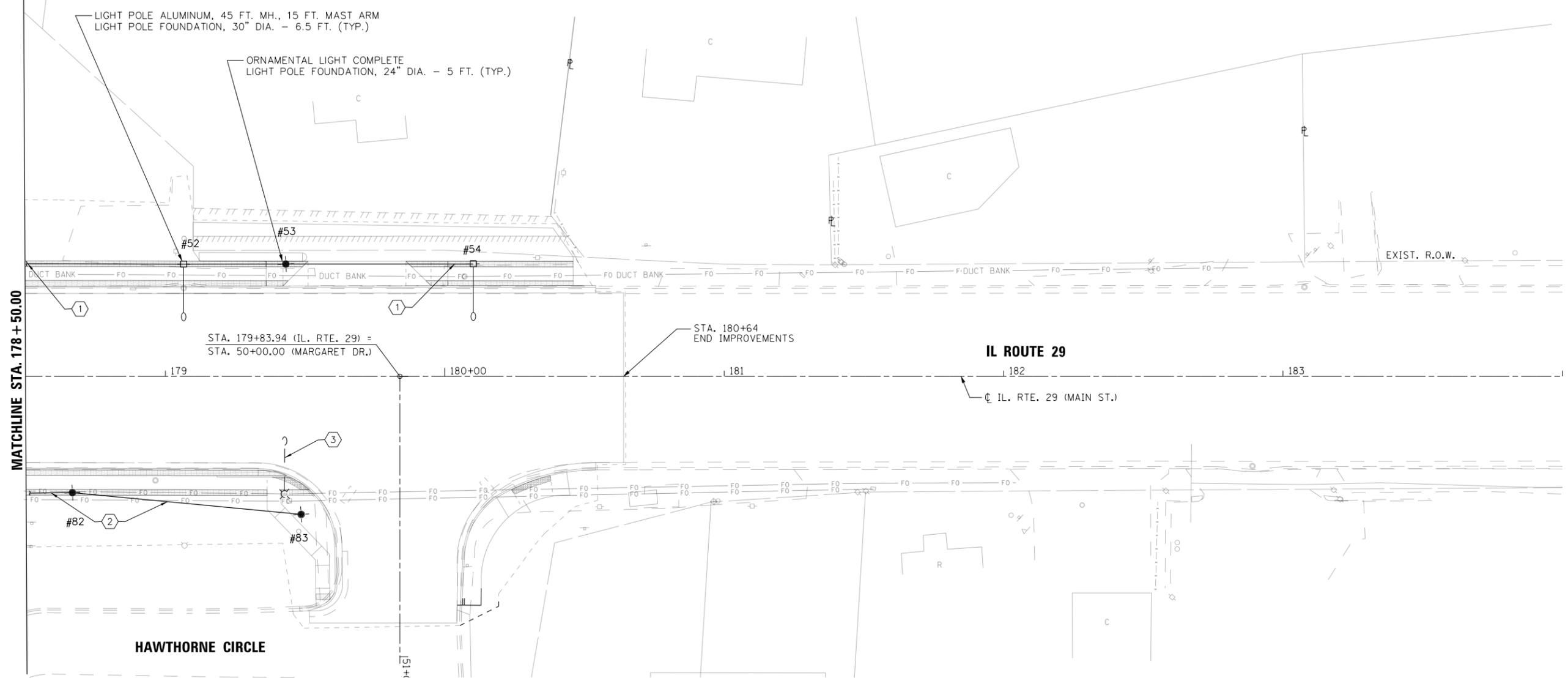
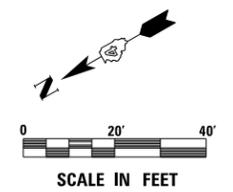


POLE NUMBER	STATION	OFFSET	ITEM TYPE	FIXTURE TAG	LIGHTING FIXTURE		RECEPTACLE	
					CONTROLLER	CIRCUIT	CONTROLLER	CIRCUIT
#42	174+04.90	40.48 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	A	NONE	NONE
#43	174+35.89	42.79 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	A	2	E
#44	175+05.00	40.53 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	B	NONE	NONE
#45	175+14.47	40.40 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	B	2	F
#46	175+90.57	40.64 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	B	NONE	NONE
#47	176+45.49	40.50 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	B	2	F
#48	177+12.57	40.62 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	B	NONE	NONE
#49	177+48.19	40.56 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	B	2	F
#50	178+08.24	40.23 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	B	NONE	NONE
#51	178+40.00	40.12 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	B	2	F
#76	173+75.76	41.08 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	C	2	G
#77	174+49.46	41.10 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	C	2	G
#78	175+32.82	41.29 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	D	2	H
#79	176+16.94	41.18 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	D	2	H
#80	176+96.01	41.07 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	D	2	H
#81	177+78.81	41.20 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	D	2	H

- KEYED NOTES:**
- APPROXIMATE LOCATION OF NEW AMEREN SERVICE DROP. COORDINATE WITH AMEREN FOR REQUIREMENTS.
  - LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP.
  - ELECTRIC SERVICE INSTALLATION PER SHEET 74 PROVIDE (2)#2 AND (1)#4 IN 2" PVC CONDUIT
  - (4)#10, (2)#4, AND (2)#3 WITH (1) #3 GND IN 4" CONDUIT.
  - (2)#8 FOR LIGHTING, AND (2)#4 FOR RECEPTACLES WITH (1) #4 GND IN 2" CONDUIT.
  - (2)#10 FOR LIGHTING, AND (2)#4 FOR RECEPTACLES WITH (1) #4 GND IN 2" CONDUIT.
  - (2)#10 FOR LIGHTING, AND (2)#3 FOR RECEPTACLES WITH (1) #3 GND IN 2" CONDUIT.



ELECTRIC CABLE SCHEDULE			ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3	UNDERGROUND CONDUIT, PVC, 2" DIA.	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	ORNAMENTAL LIGHT UNIT, COMPLETE	LUMINAIRE, LED, HORIZONTAL MOUNT, HW
LOCATION			FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
LT. STA 178+50.00	TO	LT. STA. 180+64.00		555	555		185	2	1	2
RT. STA 178+50.00	TO	RT. STA. 180+64.00	345			345	115		2	
<b>TOTAL</b>			<b>345</b>	<b>555</b>	<b>555</b>	<b>345</b>	<b>300</b>	<b>2</b>	<b>3</b>	<b>2</b>



**LEGEND:**

	UNDERGROUND RACEWAY
	EXISTING LIGHT POLE
	POLE MOUNTED ROADWAY LIGHTING FIXTURE (F1)
	POLE MOUNTED ORNAMENTAL LIGHTING FIXTURE (F2)
	LIGHTING CONTROLLER
	HANDHOLE

**KEYED NOTES:**

- (2)#8 FOR LIGHTING, AND (2)#4 FOR RECEPTACLES WITH (1) #4 GND IN 2" CONDUIT.
- (2)#10 FOR LIGHTING, AND (2)#3 FOR RECEPTACLES WITH (1) #3 GND IN 2" CONDUIT.
- EXISTING UTILITY OWNED LIGHT FIXTURE TO BE REMOVED OR RELOCATED BY OTHERS.

POLE NUMBER	STATION	OFFSET	ITEM TYPE	FIXTURE TAG	LIGHTING FIXTURE		RECEPTACLE	
					CONTROLLER	CIRCUIT	CONTROLLER	CIRCUIT
#52	179+06.55	40.05 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	B	NONE	NONE
#53	179+43.13	40.09 LT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	B	2	F
#54	180+10.21	40.15 LT	LED LUMINAIRE, 45' POLE, 15' MAST ARM	F1	2	B	NONE	NONE
#82	178+66.74	41.49 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	D	2	H
#83	179+48.61	49.24 RT	ORNAMENTAL LIGHT UNIT, COMPLETE	F2	2	D	2	H



USER NAME = IDOT	DESIGNED - KMC	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - RDC	REVISED -
	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 29  
LIGHTING PLAN**

SCALE: 1" = 20'    SHEET 6 OF 6 SHEETS    STA. 178+50 TO STA. 180+54

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 70
CONTRACT NO. 89713			ILLINOIS FED. AID PROJECT 05E2(122)	

## LIGHTING FIXTURES

TAG	DESCRIPTION	LIGHTING DISTRIBUTION	LAMP				REMARKS	
			APPROXIMATE LUMENS	APPROX. WATTAGE	TYPE	COLOR TEMP		VOLTAGE
F1	ROADWAY LIGHTING FIXTURE ASSEMBLY CONSISTING OF A TAPERED ALUMINUM POLE, & 15' LONG CURVED TRUSS ARM WITH AN OVERALL MOUNTING HEIGHT OF 45' WITH A ROADWAY TYPE LIGHTING LUMINAIRE WITH A CAST ALUMINUM POWER-PAD HOUSING, FULL CUT-OFF OPTICS, AND IES TYPE III DISTRIBUTION. ENTIRE FIXTURE ASSEMBLY SHALL COMPLY WITH IDOT PERFORMANCE SPECIFICATIONS. ASSEMBLY SHALL BE AS DETAILED ON DRAWINGS.	ROADWAY TYPE III	41,857	388	LED	4,000K	240	
F2	SITE LIGHTING FIXTURE ASSEMBLY CONSISTING OF A 14' CAST ALUMINUM ORNAMENTAL POLE WITH CAST RAISED FLUTED BASE WITH A 16" TO 24" OVERALL HEIGHT, TAPERED 6 1/2" TO 4" FLUTED POLE WITH (1) POST TOP MOUNTED ACORN STYLE LUMINAIRE WITH CAST ALUMINUM HOUSING, AND PRESSED PRISMATIC GLASS REFLECTOR. LUMINAIRE SHALL HAVE IES TYPE III LUNAR OPTIC LIGHTING DISTRIBUTION AS REQUIRED. ASSEMBLY SHALL BE AS DETAILED ON THE DRAWINGS.	TYPE III LUNAR OPTIC	1,340	26	LED	4,000K	240	GFCI RECEPTACLE MOUNTED IN POLE, (2) BANNER ARMS ON POLES, FUSED ON EACH PHASE, AND ON RECEPTACLE, & FIXED FLAG HOLDER.

NOTES: 1. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY HARDWARE AND MOUNTING COMPONENTS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.  
2. ALL IDOT SPECIFICATIONS SHALL BE FOLLOWED WHEN SELECTING FIXTURES AND HARDWARE.  
3. REFER TO DETAILS FOR MOUNTING, POLES, AND ADDITIONAL REQUIREMENTS.  
4. COORDINATE WITH EXISTING FIXTURES FOR LOOK AND COLOR TO MATCH THE APPEARANCE.  
5. CONTRACTOR SHALL PROVIDE PHOTOMETRIC CALCULATIONS FROM THE MANUFACTURER USING A LIGHT LOSS FACTOR OF 0.684 TO THE ENGINEER DURING THE SUBMITTAL PROCESS. ALL PHOTOMETRIC REQUIREMENTS LISTED IN PERFORMANCE REQUIREMENTS ON THE LUMINAIRE PERFORMANCE TABLE SHALL BE MET.



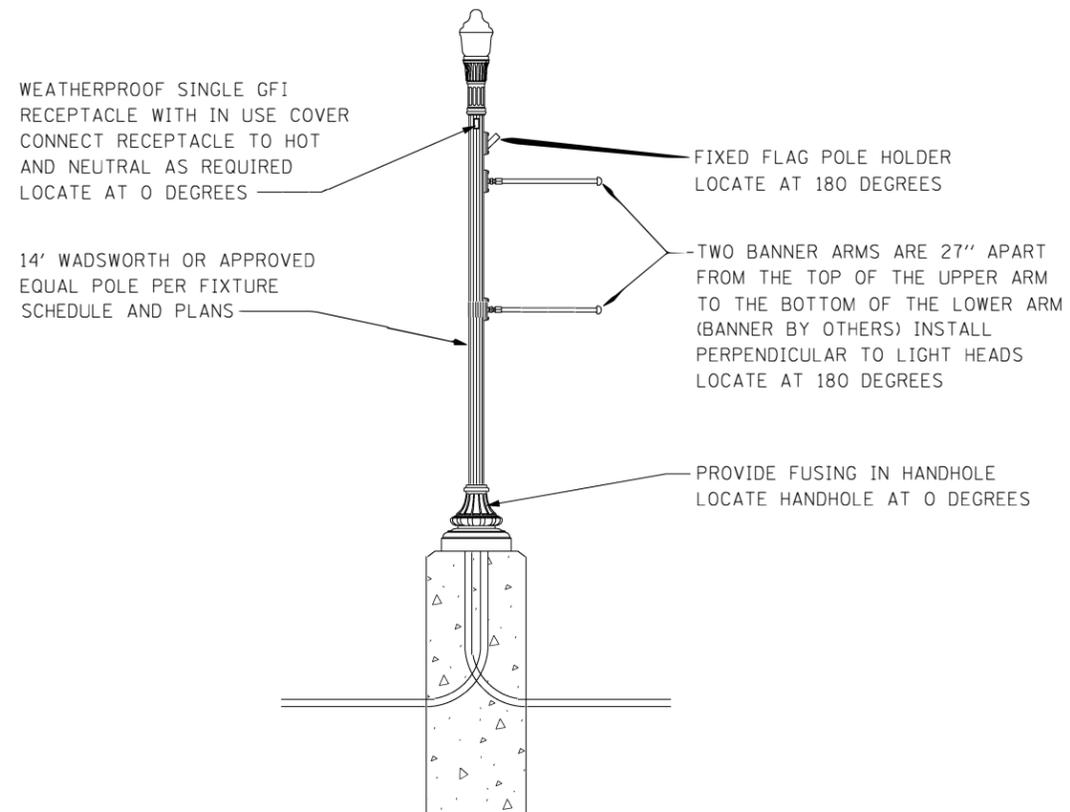
USER NAME = IDOTCAD	DESIGNED - BJR	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0032' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

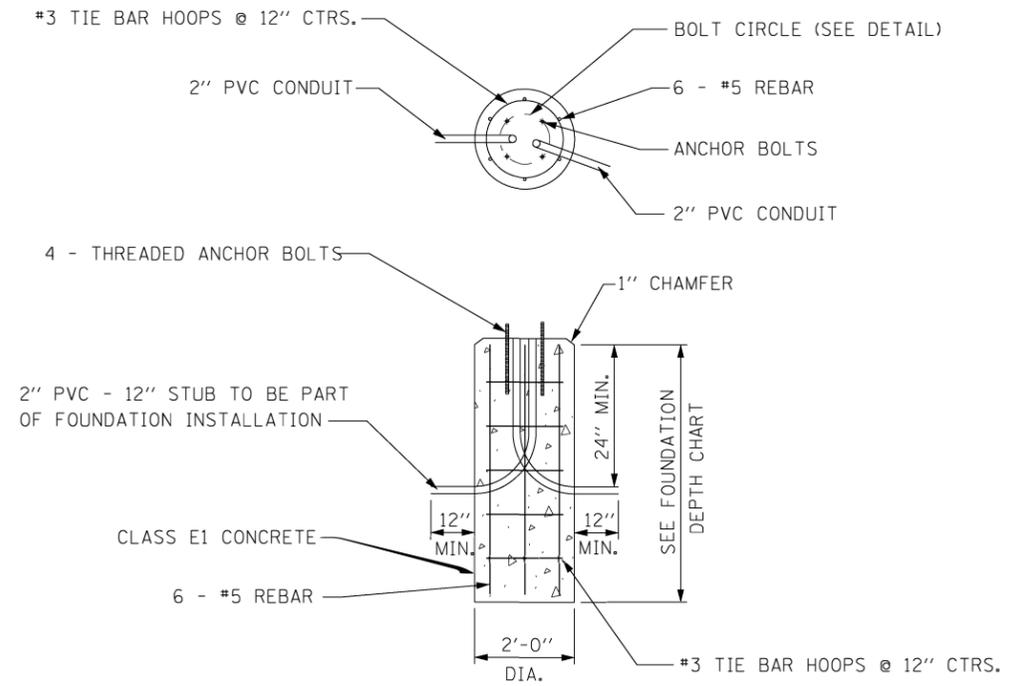
**IL. RTE. 29  
LIGHTING SCHEDULES**

SCALE: 1" = 20'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	71
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				



**ORNAMENTAL LIGHTING UNIT - COMPLETE (FIXTURE TYPE F2)**

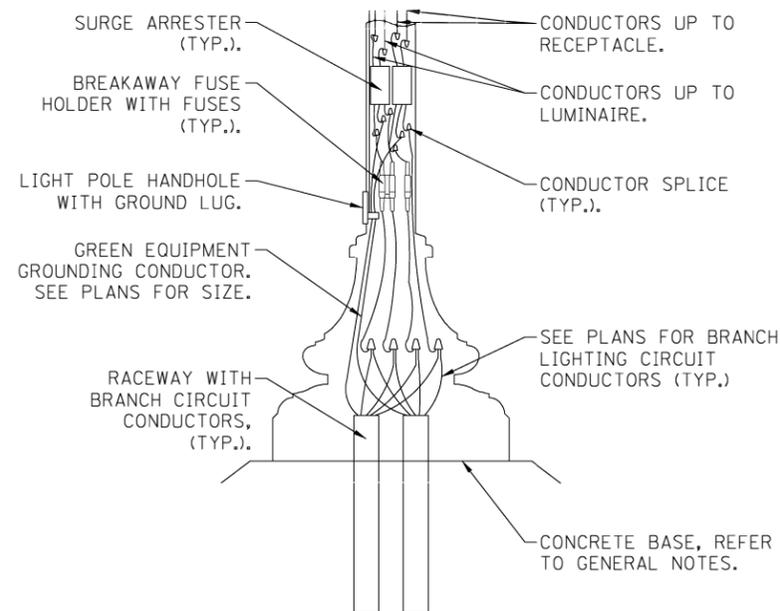


**FOUNDATION DEPTH CHART**

POLE TYPE	FOUNDATION DEPTH (FEET)
14' ALUMINUM (SINGLE GLOBE)	5
45' TRUSS ARM - LIGHTING UNIT - COMPLETE SEE IDOT STANDARD DETAIL 836001	6.5

NOTE:  
NOTIFY ENGINEER OF ANY UNUSUAL POOR SOIL CONDITIONS. IF THESE CONDITIONS ARE DISCOVERED, ENGINEER WILL EVALUATE FOR DEEPER FOUNDATION RECOMMENDATIONS.

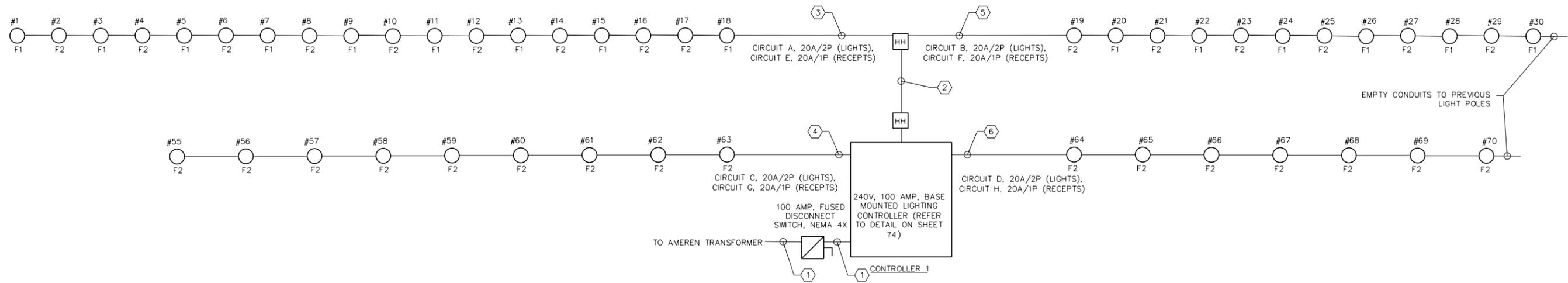
**STANDARD STREET LIGHT FOUNDATION**



**GENERAL NOTES:**

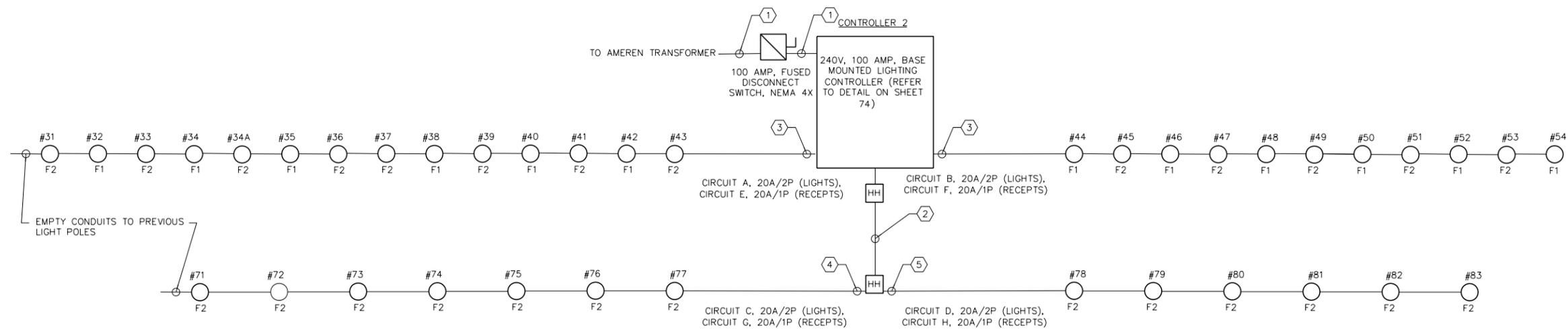
- ALL CONDUCTORS ORIGINATING IN POLE SHALL BE NO. 10 UNLESS OTHERWISE SPECIFIED.
- CONDUCTORS EXTENDED INTO LIGHT POLES SHALL BE OF A LENGTH SUFFICIENT FOR SPLICES TO BE WITHDRAWN 18" OUT OF POLE HANDHOLE.
- ANY VOIDS IN THE FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
- SEE STANDARD 836001 FOR LIGHT POLE FOUNDATION AND GROUND ROD.
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

**ORNAMENTAL LIGHTING UNIT - COMPLETE (LUMINAIRE WIRING IN POLE)**



- KEYED NOTES:**
- (2) #2 AND (1) #4 IN 2" CONDUIT
  - (4) #4, (2) #2, (2) #6 AND (1) #2 GND IN 4" CONDUIT.
  - (2) #4 FOR LIGHTING, AND (2) #2 FOR RECEPTACLES WITH (1) #2 GND IN 2" CONDUIT.
  - (2) #10 FOR LIGHTING, AND (2) #4 FOR RECEPTACLES WITH (1) #4 GND IN 2" CONDUIT.
  - (2) #6 FOR LIGHTING, AND (2) #4 FOR RECEPTACLES WITH (1) #4 GND IN 2" CONDUIT.
  - (2) #10 FOR LIGHTING, AND (2) #6 FOR RECEPTACLES WITH (1) #6 GND IN 2" CONDUIT.

STREET LIGHT WIRING DIAGRAM - SERVICE #1  
NONE



- KEYED NOTES:**
- (2) #2 AND (1) #4 IN 2" CONDUIT
  - (4) #10, (2) #4, (2) #3 AND (1) #3 GND IN 4" CONDUIT.
  - (2) #8 FOR LIGHTING, AND (2) #4 FOR RECEPTACLES WITH (1) #4 GND IN 2" CONDUIT.
  - (2) #10 FOR LIGHTING, AND (2) #4 FOR RECEPTACLES WITH (1) #4 GND IN 2" CONDUIT.
  - (2) #10 FOR LIGHTING, AND (2) #3 FOR RECEPTACLES WITH (1) #3 GND IN 2" CONDUIT.

STREET LIGHT WIRING DIAGRAM - SERVICE #2  
NONE



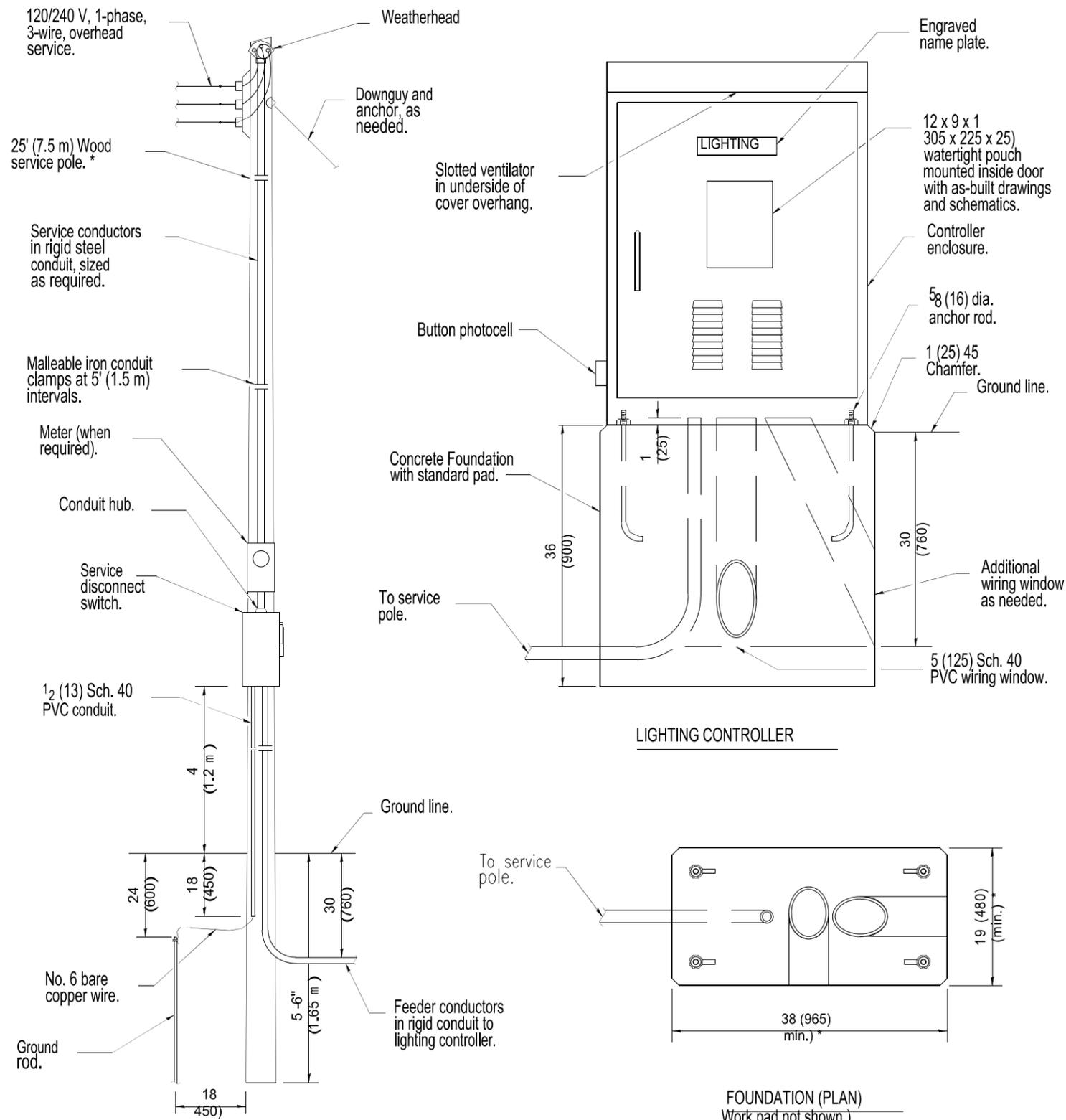
USER NAME = IDOTCAD	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0032' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

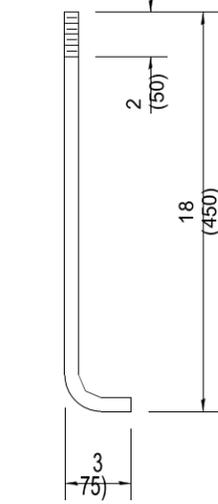
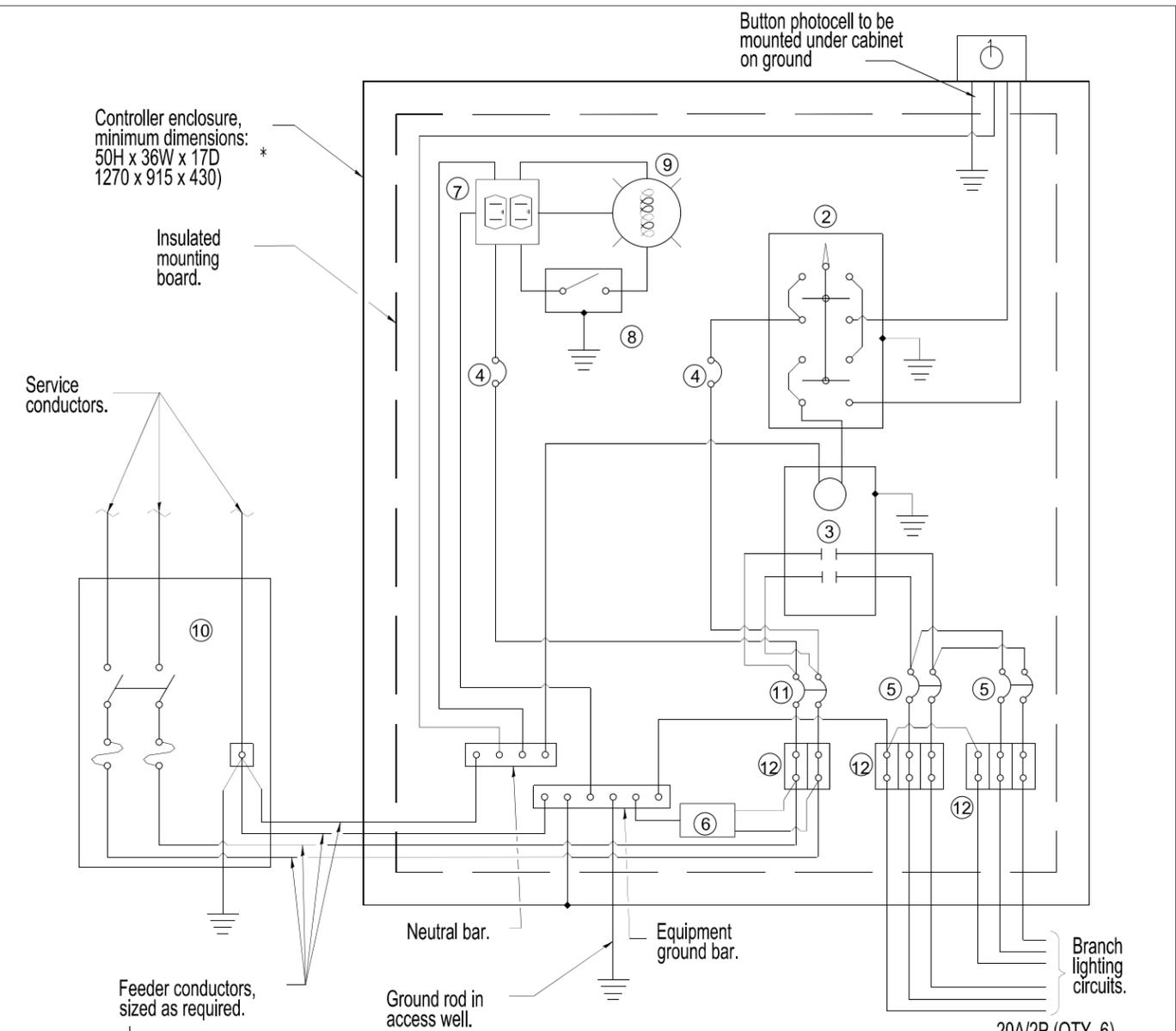
IL. RTE. 29  
LIGHTING DETAILS

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	73
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				



(Typical overhead service shown. Cut pole off for underground service and treat cut surface with preservative. Consult utility company standards for exact requirements.)  
\* Size larger as needed.



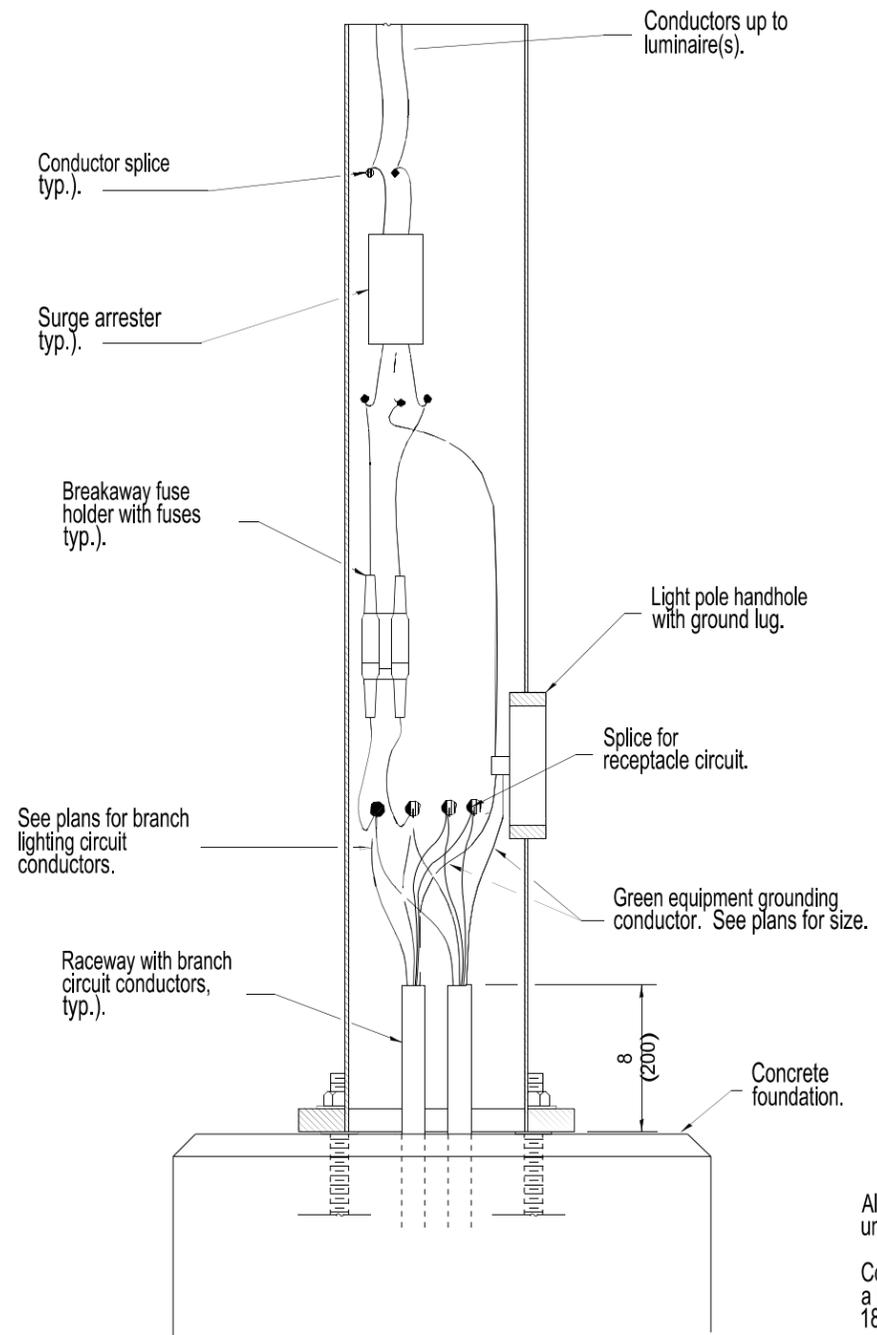
- ① Photocell with integral surge arrester.
- ② HAND-OFF-AUTO selector switch.
- ③ 100 amp\*, electrically held contactor.
- ④ 15 amp, 1-pole circuit breaker.
- ⑤ 20 amp\*, 2-pole circuit breaker two spares required but not shown).
- ⑥ Surge arrester.
- ⑦ GFCI duplex receptacle.
- ⑧ Single-pole, single-throw switch.
- ⑨ LED lamp, 800 lumen, enclosed and gasketed
- ⑩ Service disconnect switch - 2-pole, 3-wire, 100 amp\*, fused at 100 amp\*, solid neutral in NEMA 4X enclosure having lockable external handle.
- ⑪ 100 amp\*, 2-pole circuit breaker.
- ⑫ Terminal block sized for conductors as shown on plans.

\* Size larger as needed.

All dimensions are in inches (millimeters) unless otherwise shown.

## LIGHTING CONTROLLER BASE MOUNTED, 240V DETAIL

CONTRACT 89713	TOTAL SHEETS 155	SHEET NO. 74
----------------	---------------------	-----------------



ELEVATION AT POLE BASE  
WITH CONCRETE FOUNDATION

**GENERAL NOTES**

All conductors originating in pole shall be No. 10 unless noted otherwise.

Conductors extended into light poles shall be of a length sufficient for splices to be withdrawn 18 (450) out of pole handhole.

Any voids in the foundation shall be filled with fine aggregate.

See Standard 836001 for Light Pole Foundation and ground rod.

All dimensions are in inches (millimeters) unless otherwise shown.

**LUMINAIRE WIRING  
IN POLE  
DETAIL**

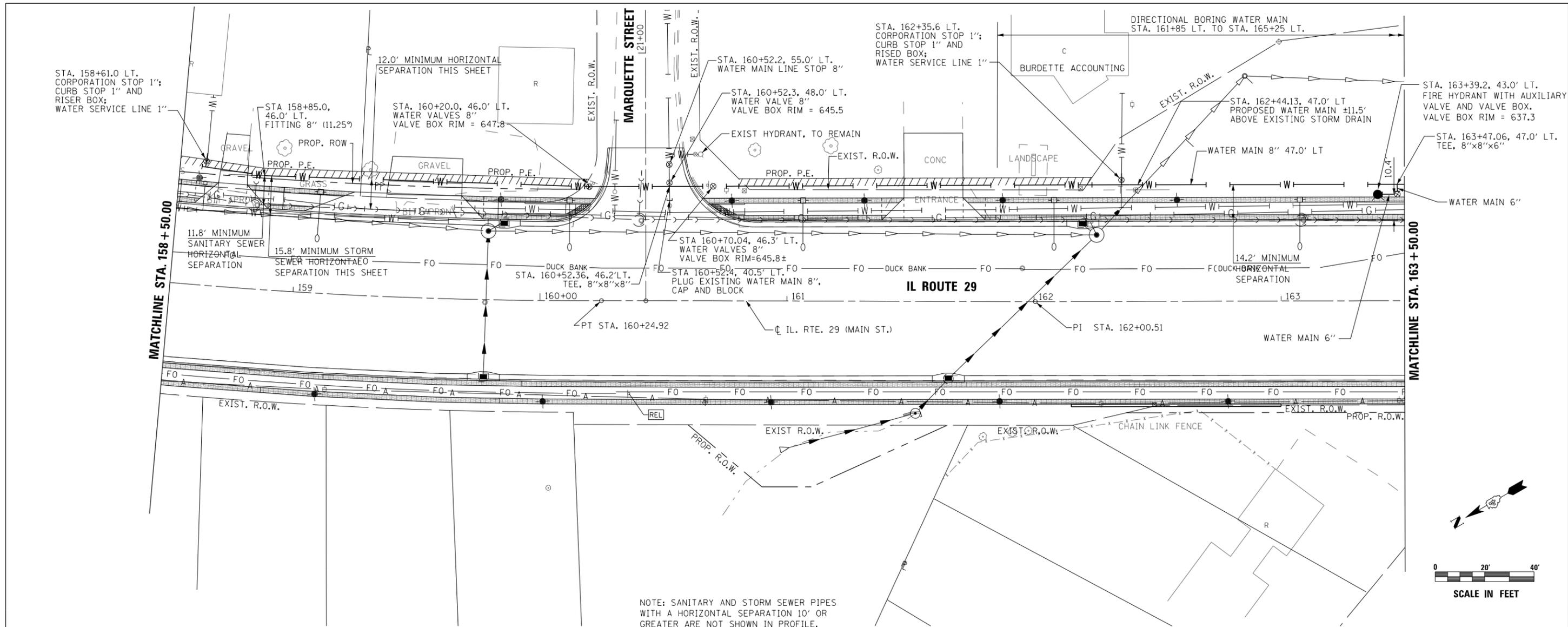
Contract # 89713

TOTAL SHEETS	SHEET NO.
155	75

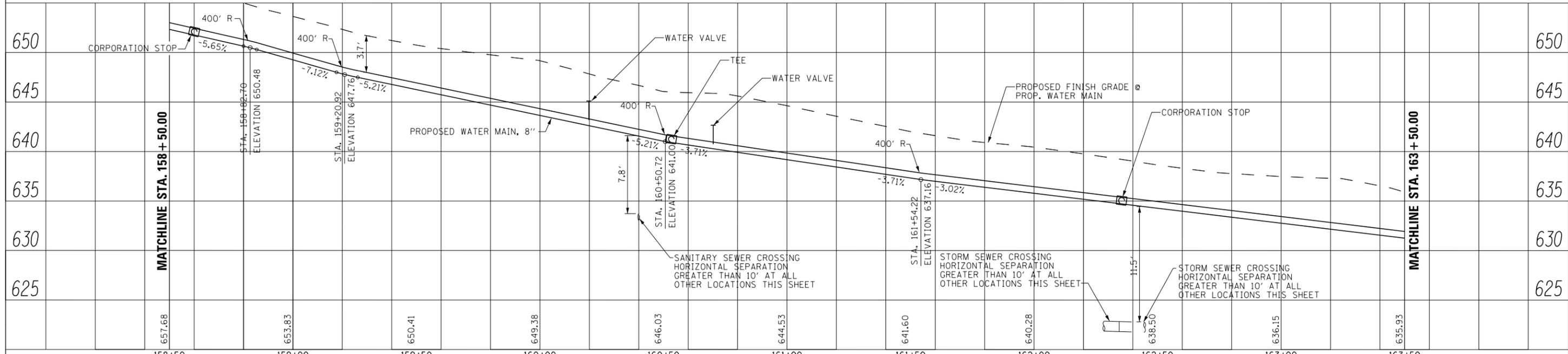
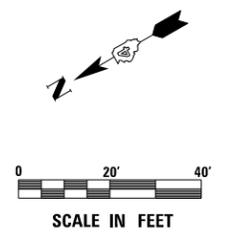


PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



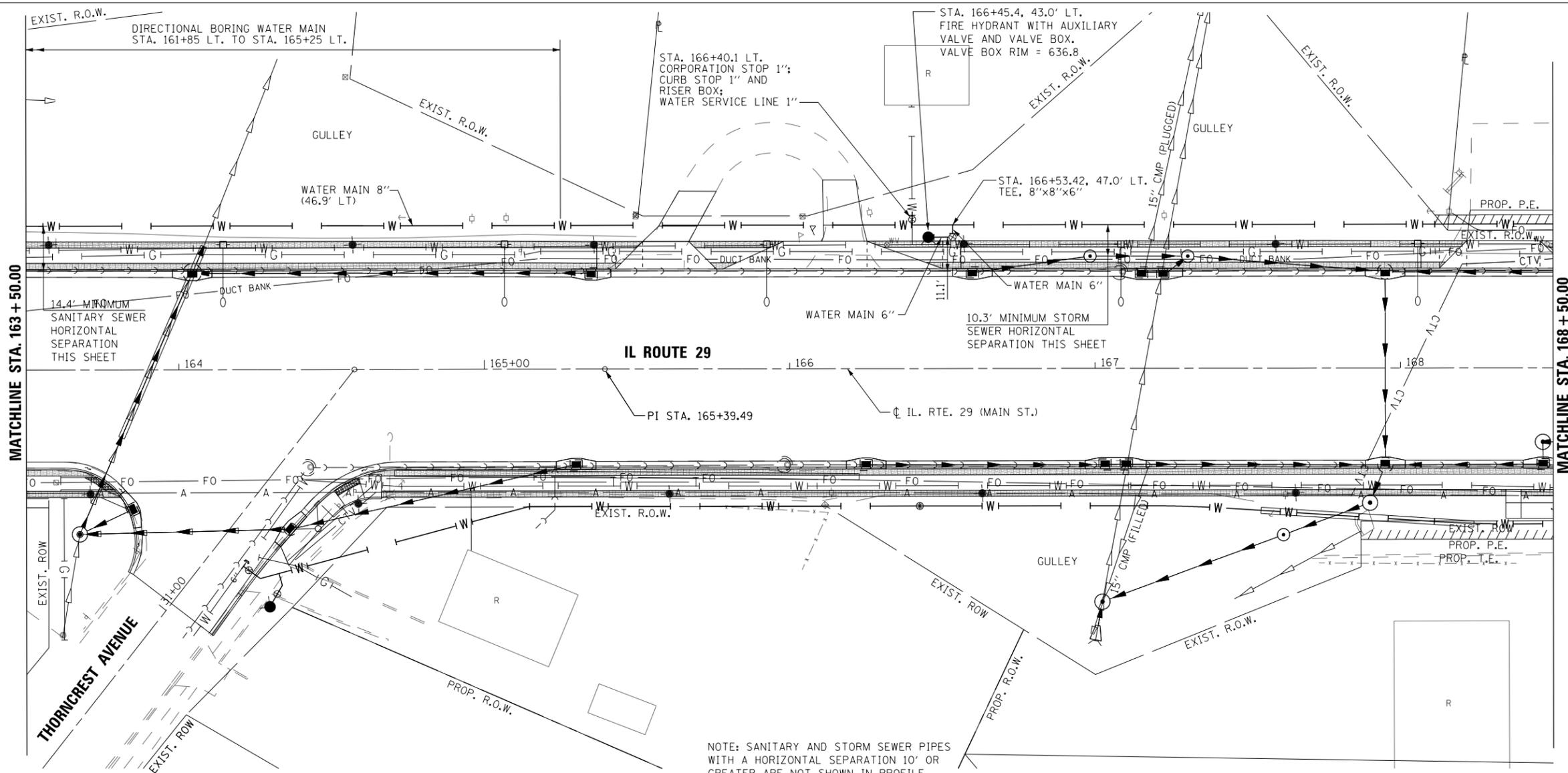
NOTE: SANITARY AND STORM SEWER PIPES WITH A HORIZONTAL SEPARATION 10' OR GREATER ARE NOT SHOWN IN PROFILE.



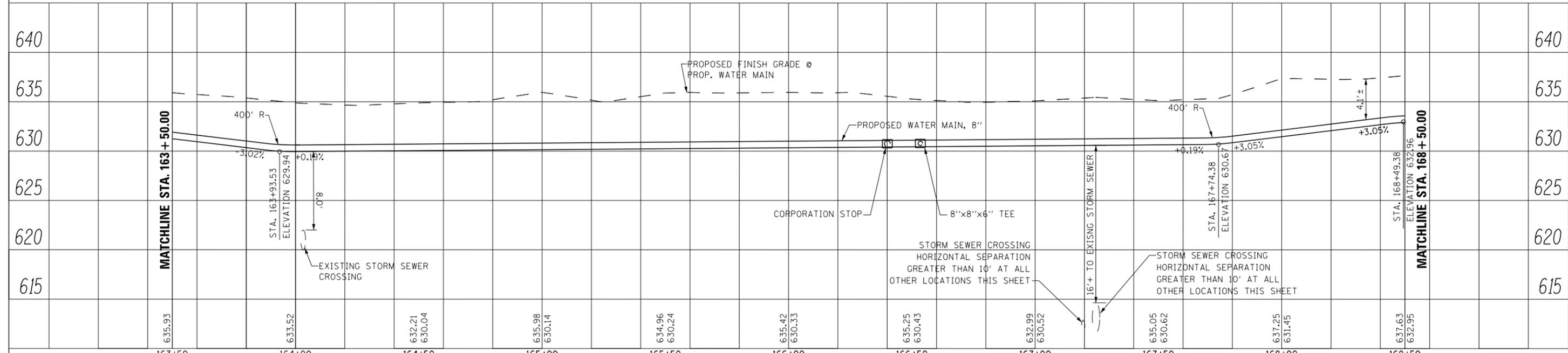
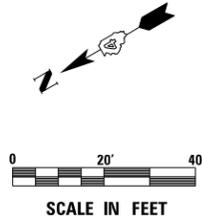
	USER NAME = IDOT	DESIGNED - KMC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL. RTE. 29</b> <b>WATER MAIN PLAN AND PROFILE - LEFT</b>	F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 77
	PLOT SCALE = 40.0032' / in. PLOT DATE = 1/22/2019	DRAWN - KRS DLC CHECKED - RDC DATE - \$DATE	REVISED - REVISED - REVISED - REVISED -			SCALE: 1" = 20' SHEET 2 OF 10 SHEETS STA. 158+50 TO STA. 163+50	CONTRACT NO. 89713 ILLINOIS FED. AID PROJECT 05E2(122)			

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



NOTE: SANITARY AND STORM SEWER PIPES WITH A HORIZONTAL SEPARATION 10' OR GREATER ARE NOT SHOWN IN PROFILE.



635.93	633.52	632.21 630.04	635.98 630.14	634.96 630.24	635.42 630.33	635.25 630.43	632.99 630.52	635.05 630.62	637.25 631.45	637.63 632.95
163+50	164+00	164+50	165+00	165+50	166+00	166+50	167+00	167+50	168+00	168+50



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 40.0032' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

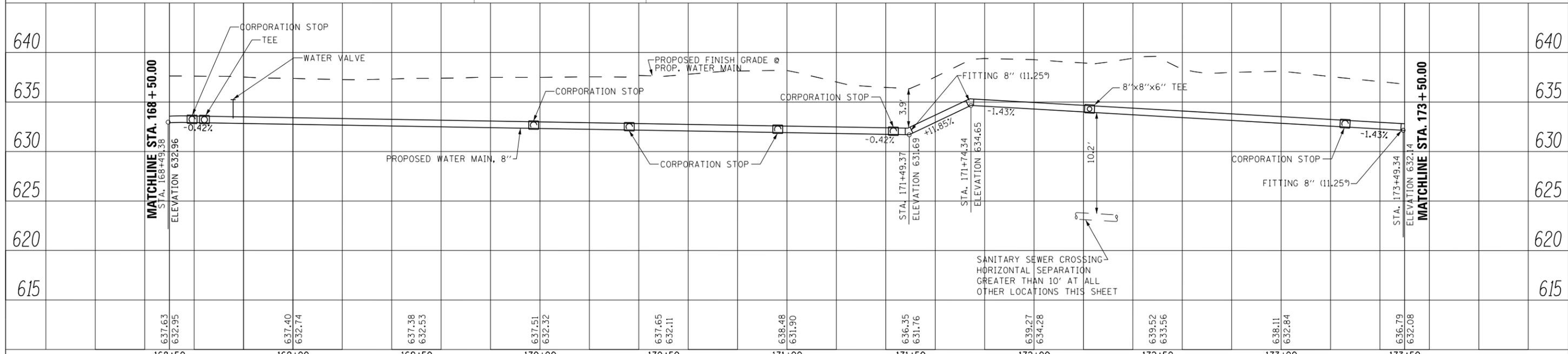
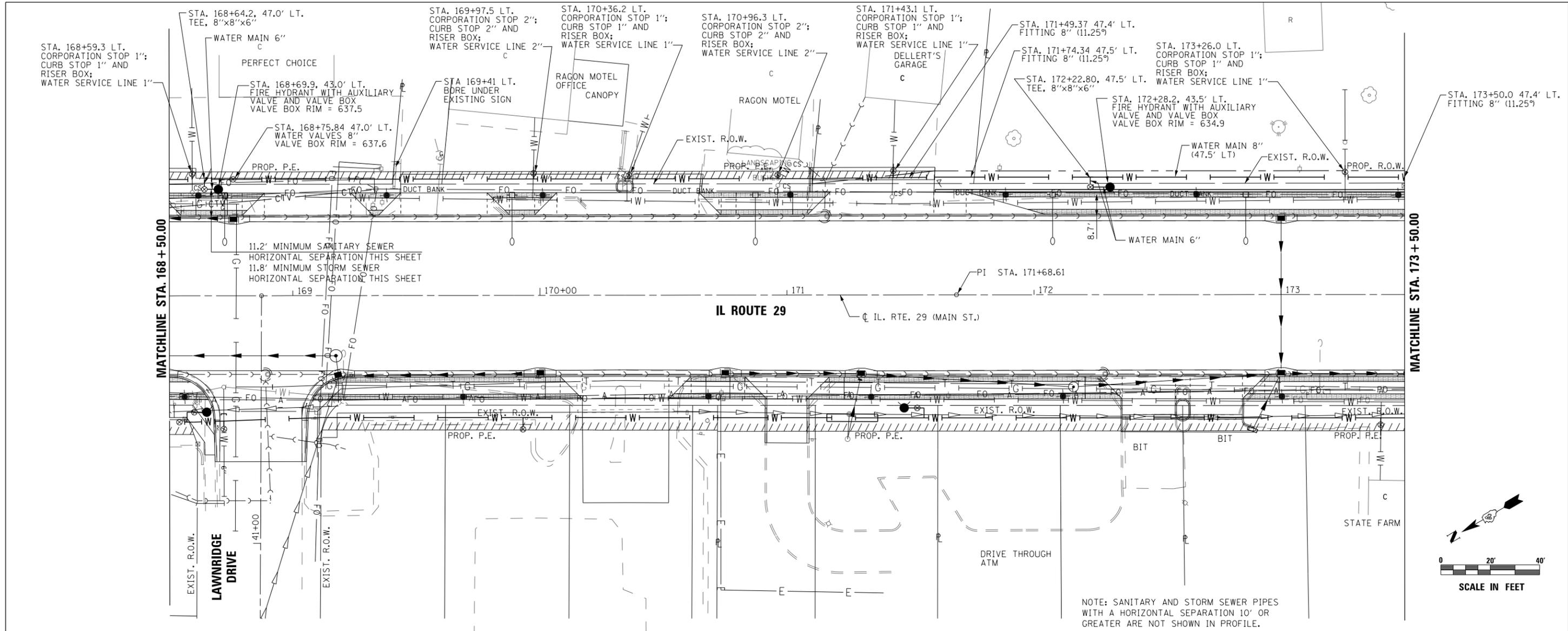
IL. RTE. 29  
WATER MAIN PLAN AND PROFILE - LEFT  
SCALE: 1" = 20' SHEET 3 OF 10 SHEETS STA. 163+50 TO STA. 168+50

F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 78
CONTRACT NO. 89713			ILLINOIS FED. AID PROJECT 05E2(122)	



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

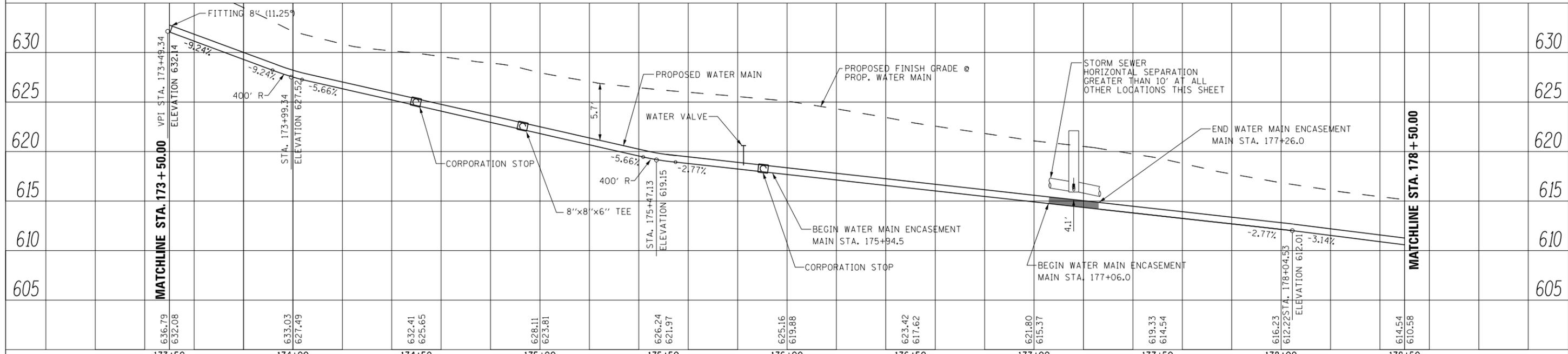
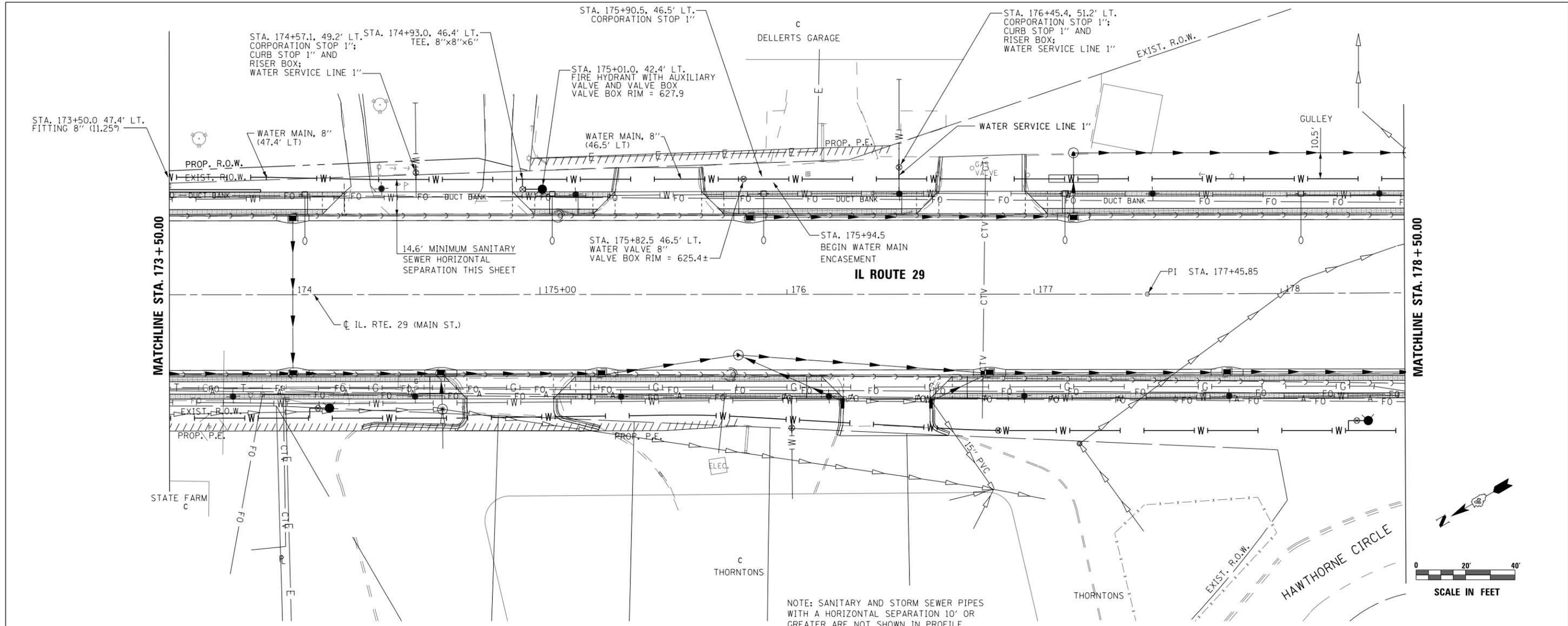


	USER NAME = IDOT	DESIGNED - KMC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL. RTE. 29</b> <b>WATER MAIN PLAN AND PROFILE - LEFT</b>	F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 80
	PLOT SCALE = 40.0032' / in.	CHECKED - RDC	REVISED -			SCALE: 1" = 20'	SHEET 5 OF 10 SHEETS	STA. 168+50 TO STA. 173+50	CONTRACT NO. 89713	
	PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -							



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

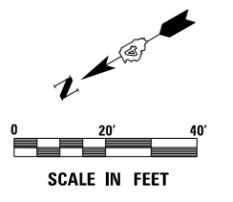
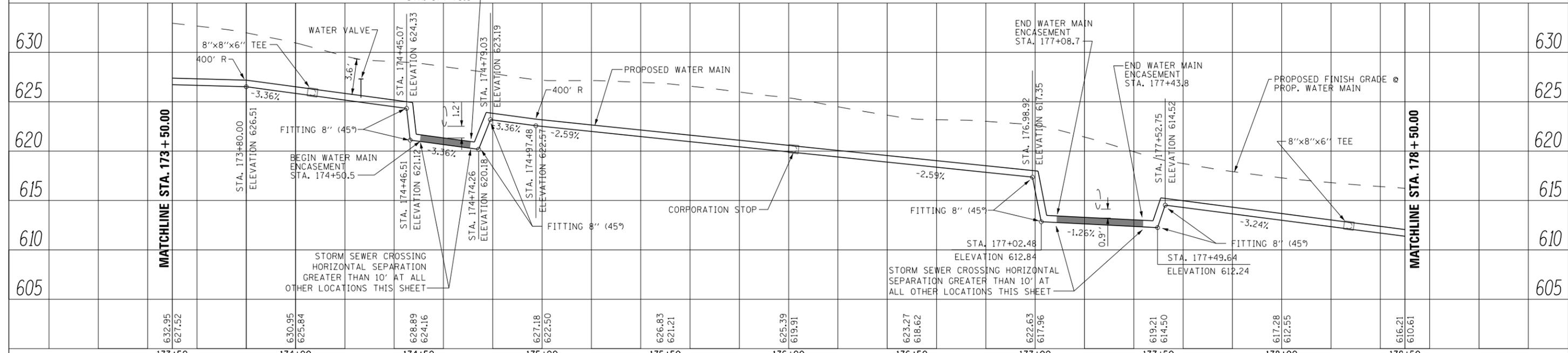
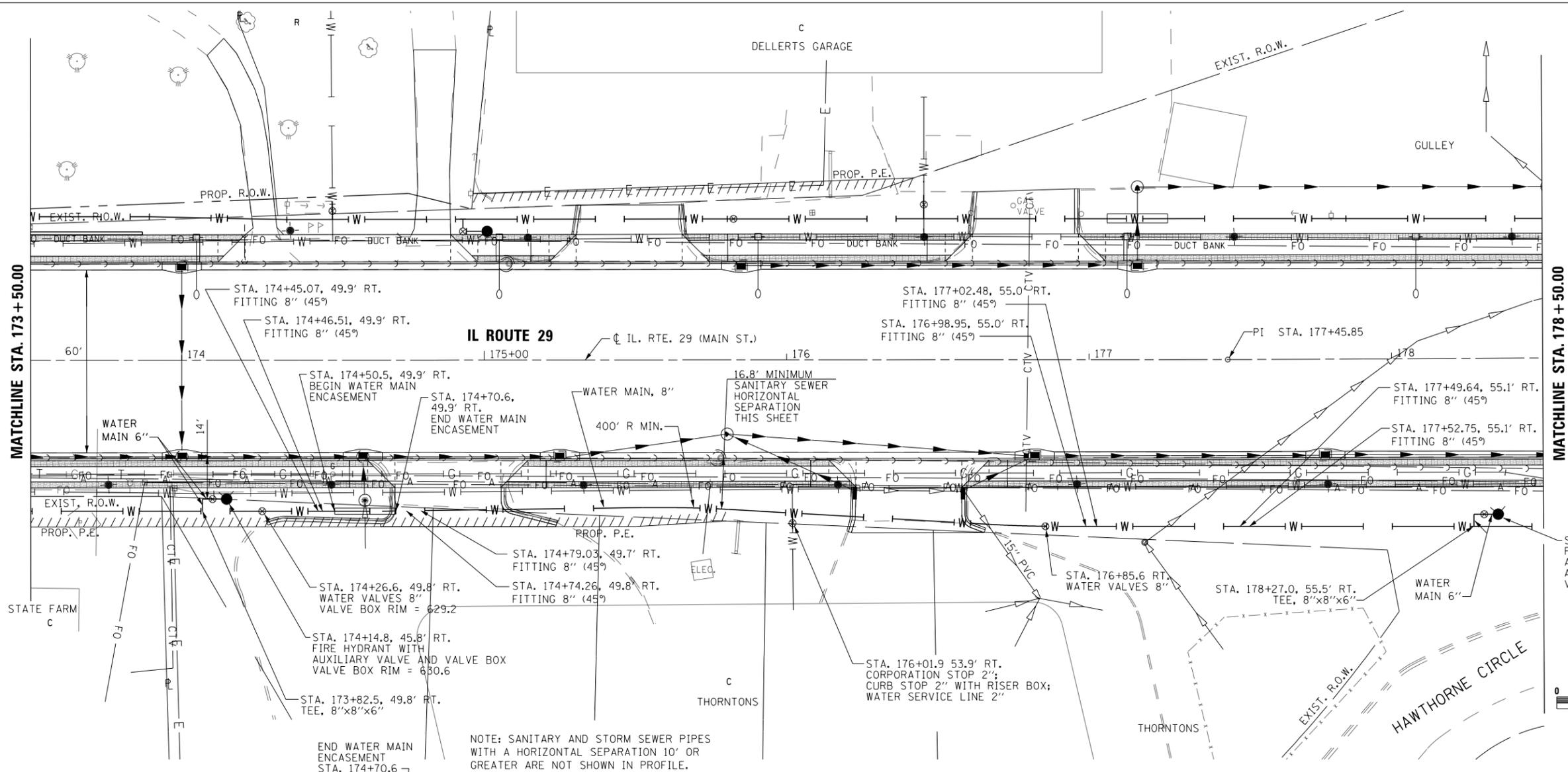
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE
	NOTATIS CHKD
	NO.



173+50	174+00	174+50	175+00	175+50	176+00	176+50	177+00	177+50	178+00	178+50
636.79	632.08	633.03	628.11	626.24	625.16	623.42	621.80	619.33	616.23	614.54
632.08	627.49	625.65	623.81	621.97	619.88	617.62	615.37	614.54	612.22	610.58

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DESIGNED
	NO. _____
	FILE NAME _____

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

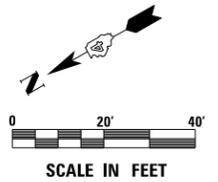
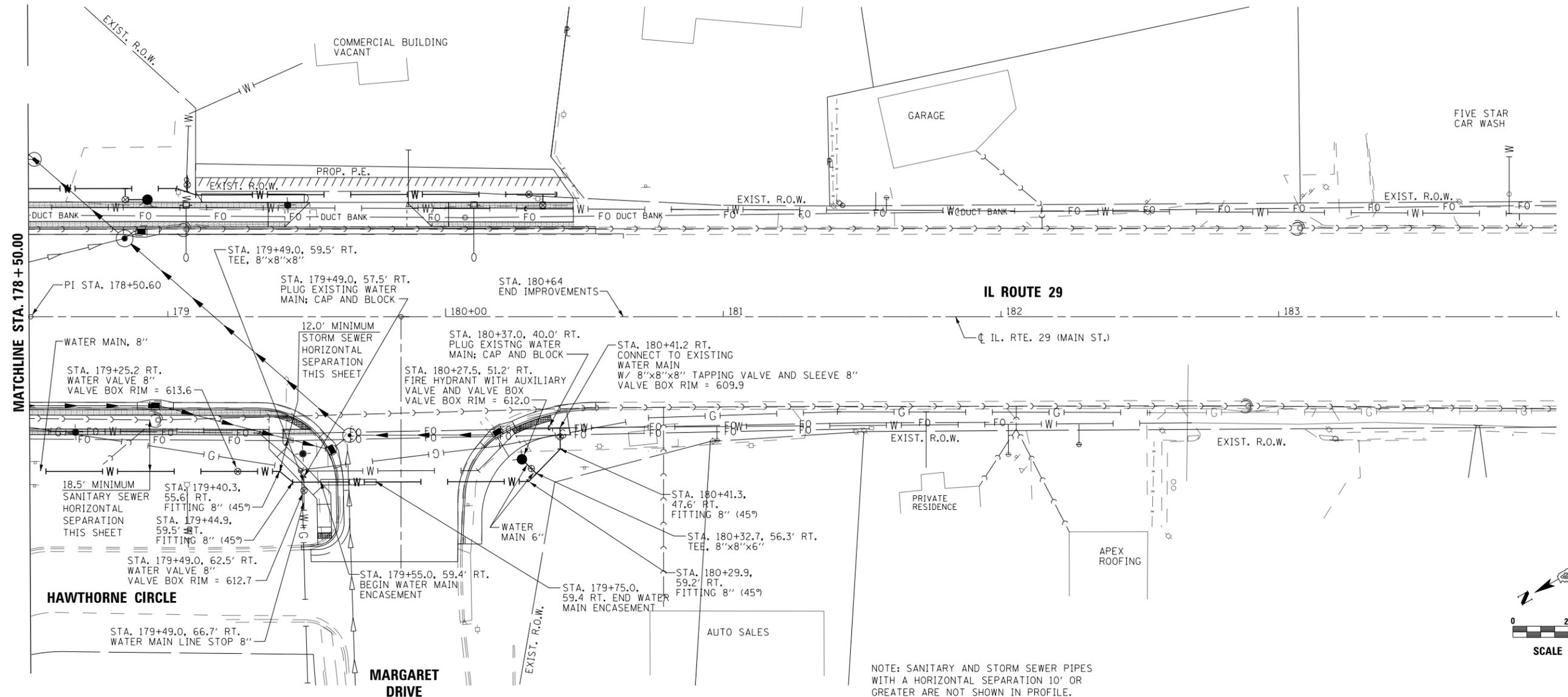


	USER NAME = IDOT	DESIGNED - KMC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. RTE. 29 WATER MAIN PLAN AND PROFILE - RIGHT</b>		F.A.P. RTE. 669	SECTION 16-00045-01-SW	COUNTY TAZEWELL	TOTAL SHEETS 155	SHEET NO. 83	
	PLOT SCALE = 48.0000' / in.	CHECKED - RDC	REVISED -		SCALE: 1" = 20'	SHEET 8 OF 10 SHEETS	STA. 173+50 TO STA. 178+50	CONTRACT NO. 89713				
	PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -		ILLINOIS FED. AID PROJECT 05E2(122)							

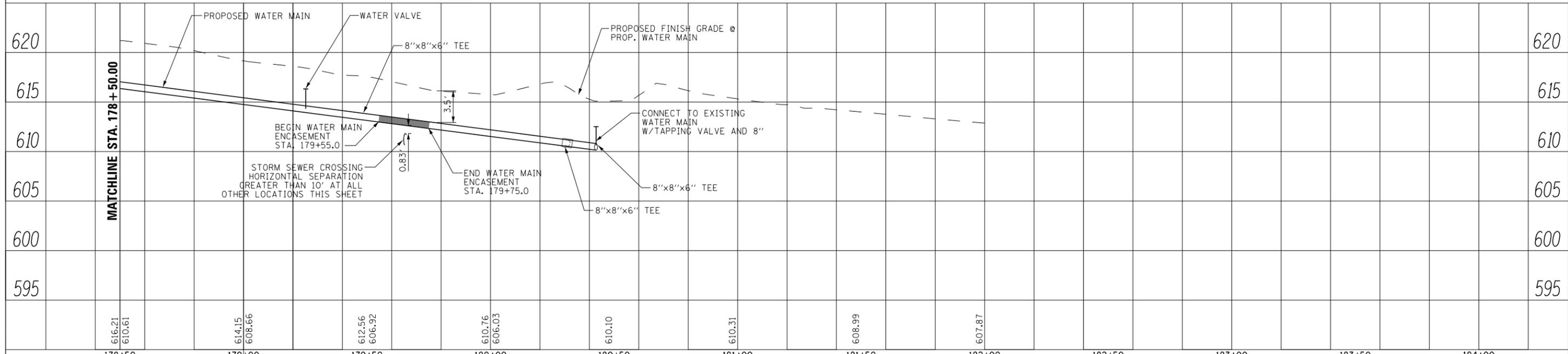


PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTED	
	NO. AT THIS OFFICE	
	NO. OF SHEETS	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTED	
	NO. AT THIS OFFICE	
	NO. OF SHEETS	



NOTE: SANITARY AND STORM SEWER PIPES WITH A HORIZONTAL SEPARATION 10' OR GREATER ARE NOT SHOWN IN PROFILE.



178+50	179+00	179+50	180+00	180+50	181+00	181+50	182+00	182+50	183+00	183+50	184+00
616.21 610.61	614.15 608.66	612.56 606.92	610.76 606.03	610.10	610.31	608.99	607.87				



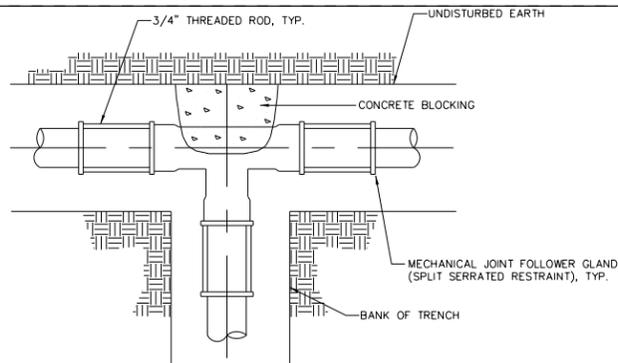
USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - KRS DLC	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 1/22/2019	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

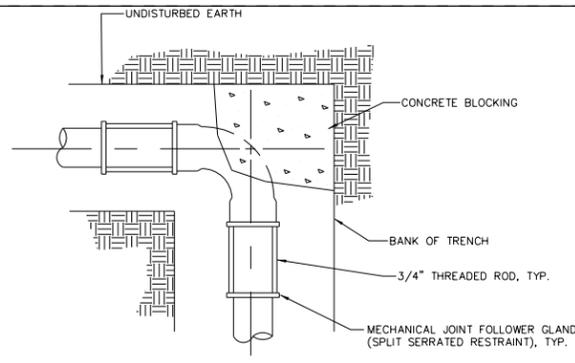
IL. RTE. 29  
WATER MAIN PLAN AND PROFILE - RIGHT

SCALE: 1" = 20' SHEET 10 OF 10 SHEETS STA. 178+50 TO STA. 180+54

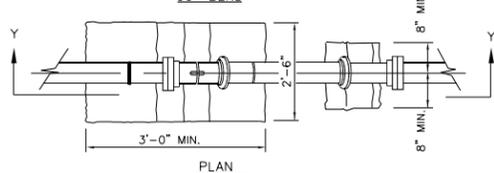
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	85
CONTRACT NO. 89713			ILLINOIS FED. AID PROJECT 05E2(122)	



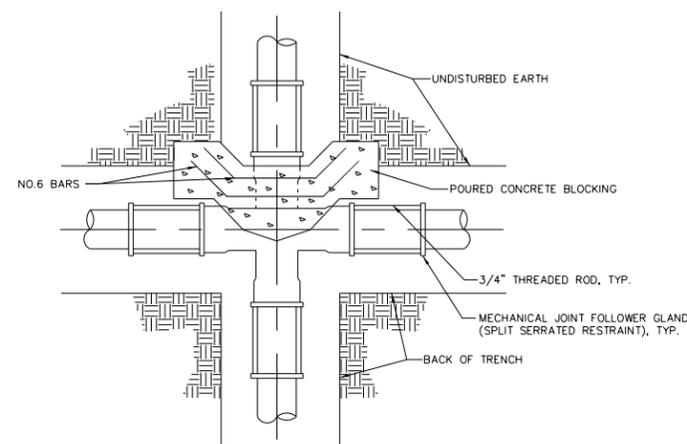
TEE



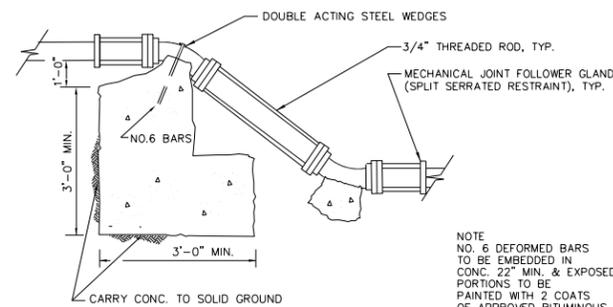
90° BEND



PLAN

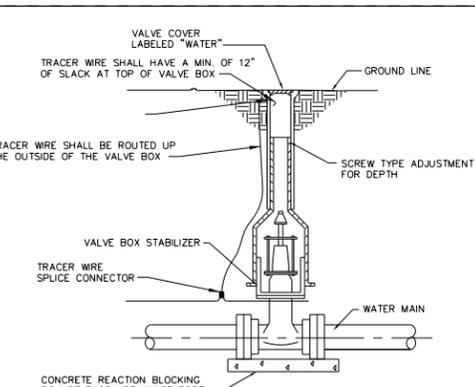


CROSS

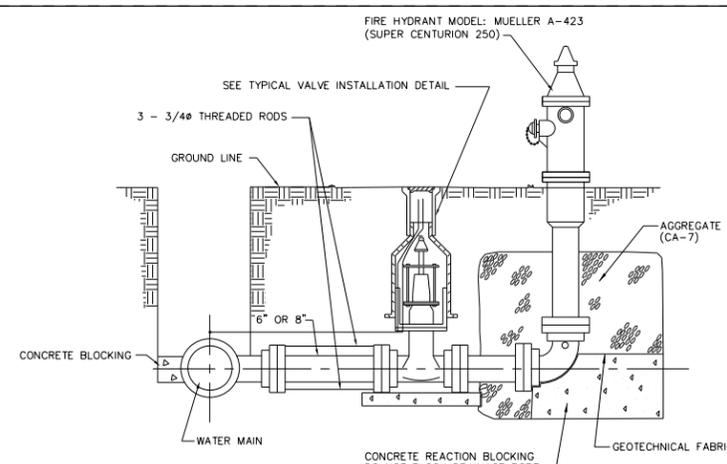


SECTION Y-Y  
THRUST BLOCK FOR VERT. 1/8 & 1/16 BENDS

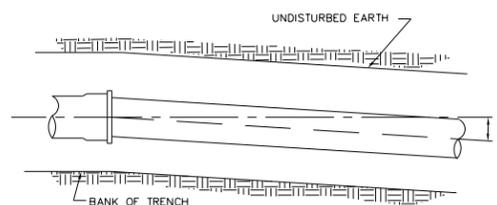
NOTE  
NO. 6 DEFORMED BARS  
TO BE EMBEDDED IN  
CONC. 2 1/2" MIN. & EXPOSED  
PORTIONS TO BE  
PAINTED WITH 2 COATS OF  
APPROVED BITUMINOUS  
PAINT.



TYPICAL VALVE INSTALLATION  
SCALE: N.T.S.

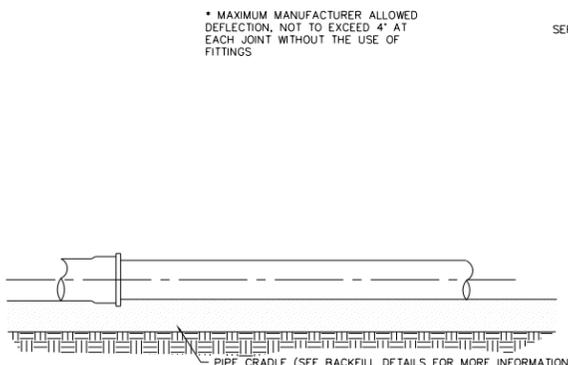


TYPICAL FIRE HYDRANT INSTALLATION  
SCALE: N.T.S.

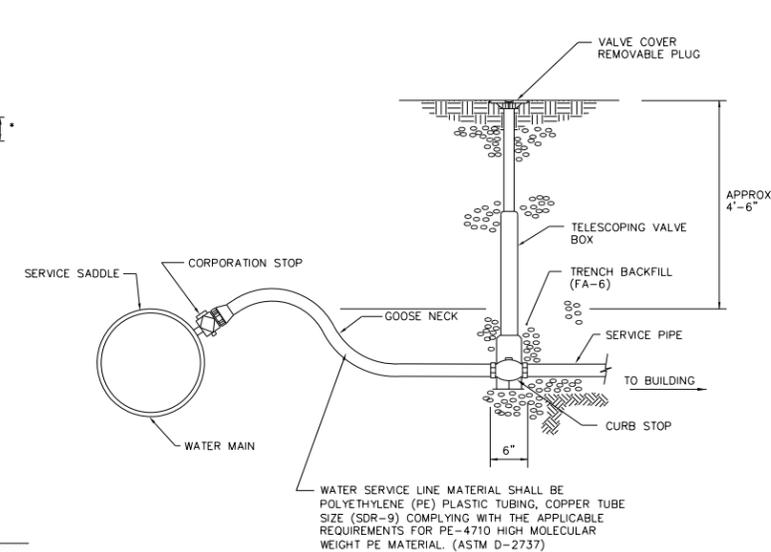


PLAN VIEW

\* MAXIMUM MANUFACTURER ALLOWED  
DEFLECTION, NOT TO EXCEED 4" AT  
EACH JOINT WITHOUT THE USE OF  
FITTINGS



ELEVATION VIEW

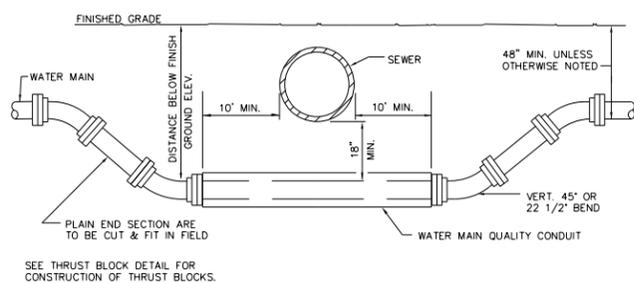


D	WATER PRESSURE													
	40	50	60	70	80	90	100	110	120	130	140			
	MIN. BEARING SURFACE IN SQ. FT. LINE PRESSURE (PSI)													
4	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.4	1.5	1.7	1.8			
6	1.2	1.5	1.7	2.0	2.3	2.6	2.9	3.2	3.4	3.7	4.0			
8	2.0	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1			
10	3.2	4.0	4.8	5.5	6.3	7.1	7.9	8.7	9.5	10.3	11.0			
12	4.6	5.7	6.8	8.0	9.1	10.2	11.4	12.5	13.6	14.7	15.9			
14	6.2	7.7	9.3	10.8	12.4	13.9	15.4	17.0	18.5	20.1	21.6			
16	8.1	10.1	12.1	14.1	16.1	18.1	20.2	22.2	24.2	26.1	28.1			
24	18.1	22.7	27.2	31.7	36.2	40.8	45.3	49.8	54.3	58.9	63.4			
30	28.3	35.4	42.5	49.5	56.6	63.7	70.7	77.8	84.9	91.9	99.0			
36	40.8	50.9	61.1	71.3	81.5	91.7	101.8	112.0	122.2	132.4	142.6			
42	55.5	69.3	83.2	97.0	110.9	124.7	138.6	152.4	166.3	180.2	194.0			
48	72.4	90.5	108.6	126.9	144.8	162.9	181.0	199.1	217.2	235.3	253.4			

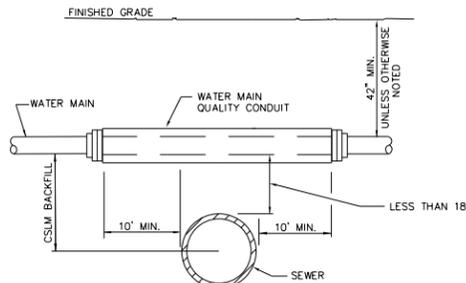
SCHEDULE FOR REACTION BLOCKING

NOTE:  
ALL FITTINGS AND PIPING IN CONTACT WITH THRUST BLOCKS SHALL BE WRAPPED WITH 6 MIL POLYETHYLENE FILM SHEETING PRIOR TO POURING THRUST BLOCKS. SEE EAST PEORIA STANDARD SPECIFICATIONS FOR WATER MAIN CONSTRUCTION FOR ADDITIONAL INFORMATION.

DETAILS FOR REACTION BLOCKING  
SCALE: N.T.S.



WATER MAIN CROSSING UNDER  
SEWER VERTICAL OFFSET DETAIL  
SCALE: N.T.S.



WATER MAIN CROSSING OVER  
SEWER VERTICAL OFFSET DETAIL  
SCALE: N.T.S.

WATER MAIN QUALITY CONDUIT TABLE

WATER MAIN SIZE	CONDUIT SIZE
2"	8"
6"	18"
8"	18"
10"	24"

NOTES:

- A MINIMUM OF THREE CASING SPACERS, PER NOMINAL 20' LENGTH OF PIPE, SHALL BE PROVIDED. CASING SPACERS MUST BE SECURELY FASTENED TO THE PIPE.
- THE SPACERS SHOULD BE OF SUFFICIENT THICKNESS TO PROVIDE APPROXIMATELY 2 INCHES OF CLEARANCE BETWEEN THE PIPE COUPLING AND THE CASING. THE LEADING EDGE OF THE CASING SPACERS SHOULD BE ROUNDED TO PREVENT "HANGING UP" ON THE WELDS OR OTHER POSSIBLE MINOR OBSTRUCTIONS IN THE CASING.
- WATER MAIN CASING SHALL BE AN IEPA APPROVED WATER MAIN QUALITY PIPE WITH A MINIMUM PRESSURE RATING OF 235 PSI.

INSTALLATION OF PIPE THROUGH ENCASEMENT DETAIL  
NOT TO SCALE



USER NAME = 100T	DESIGNED - KMC	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - KRS DLC	REVISED -
PLOT DATE = 1/22/2019	CHECKED - CSA	REVISED -
	DATE - \$DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE. 29  
WATER MAIN DETAILS

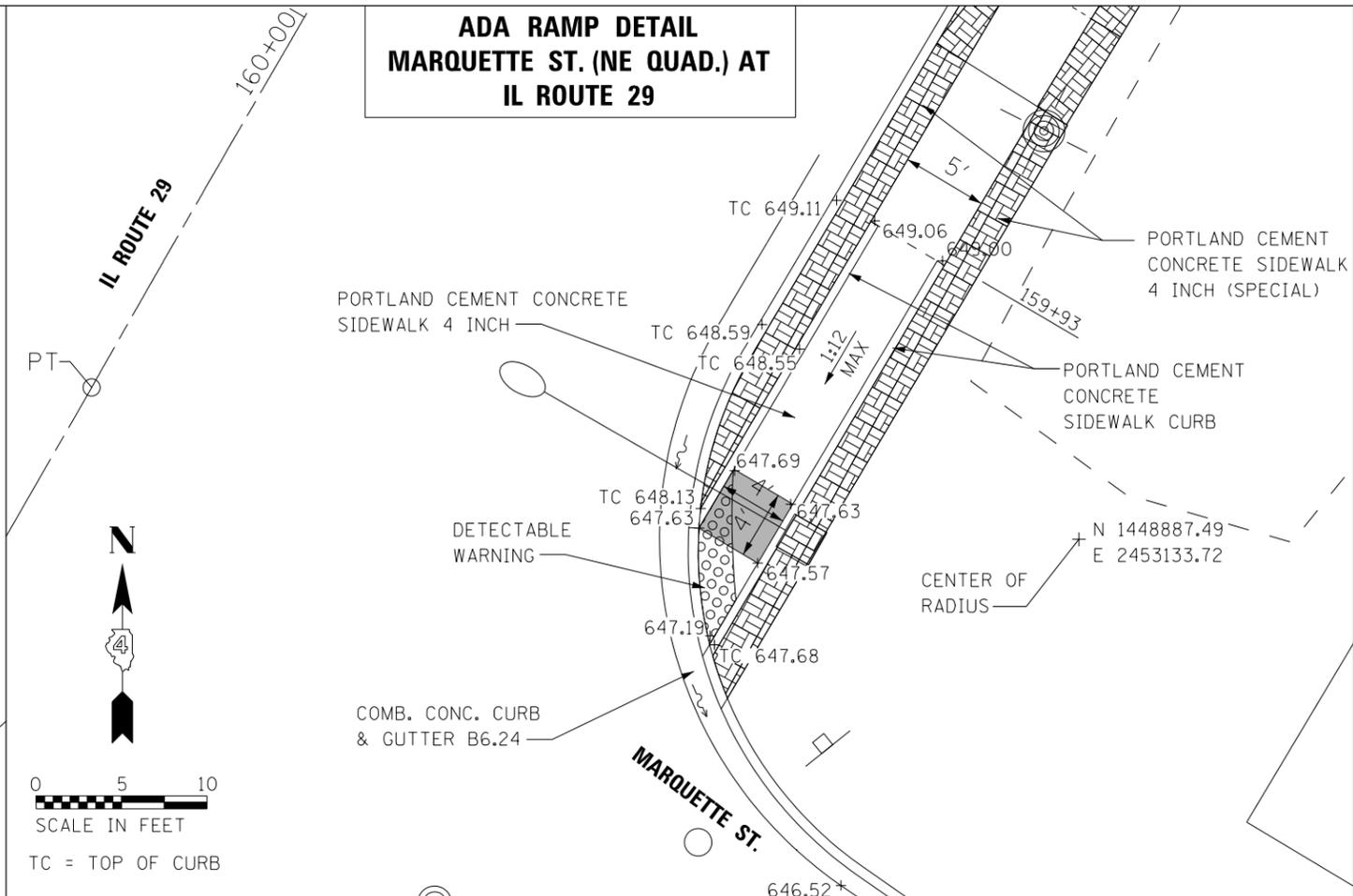
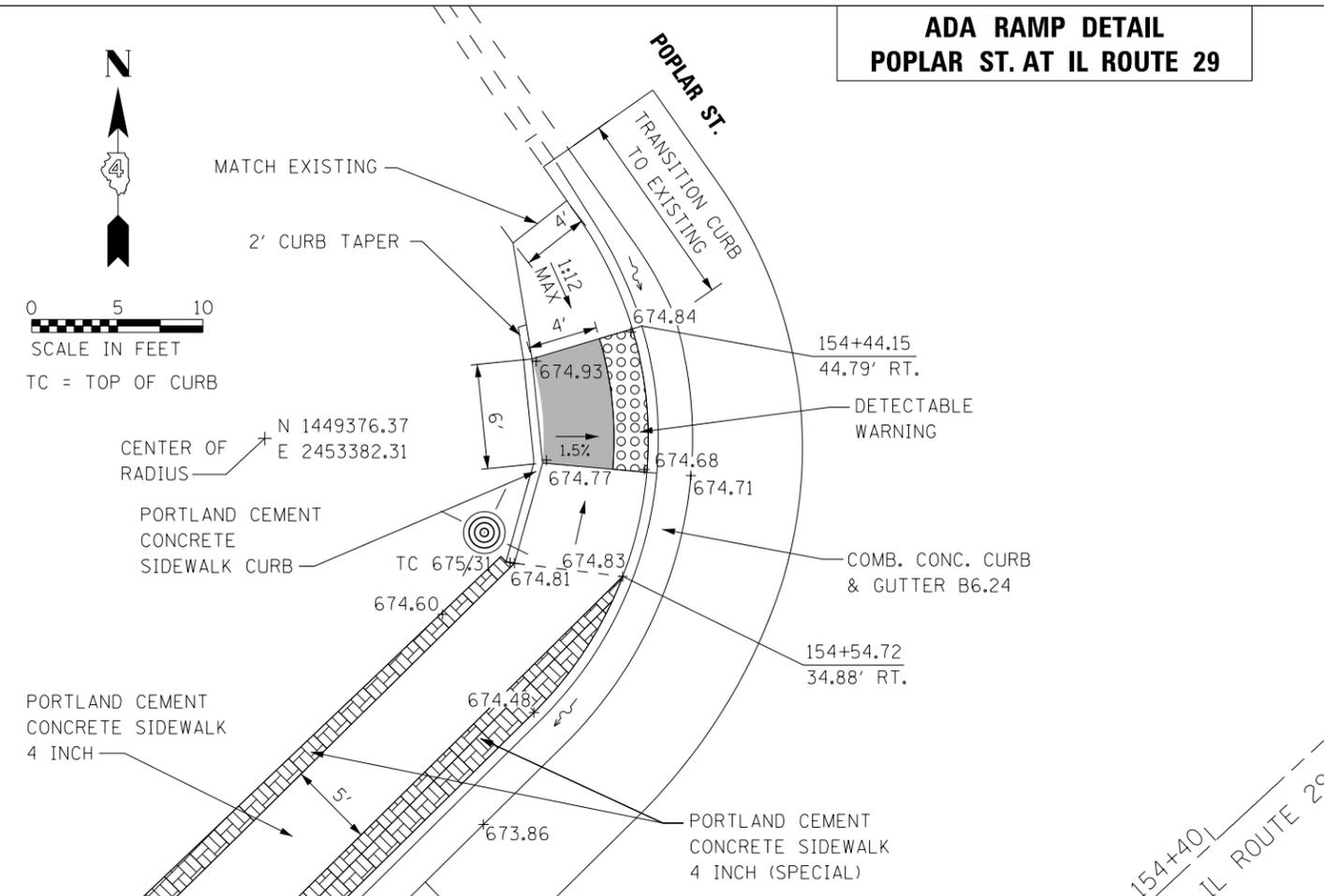
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	13-00045-01-SW	TAZEWELL	155	86
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT TE-0004(133)				

**ADA RAMP DETAIL  
POPLAR ST. AT IL ROUTE 29**

**ADA RAMP DETAIL  
MARQUETTE ST. (NE QUAD.) AT  
IL ROUTE 29**

**ADA RAMP DETAIL  
MARQUETTE ST. (SE QUAD.) AT  
IL ROUTE 29**



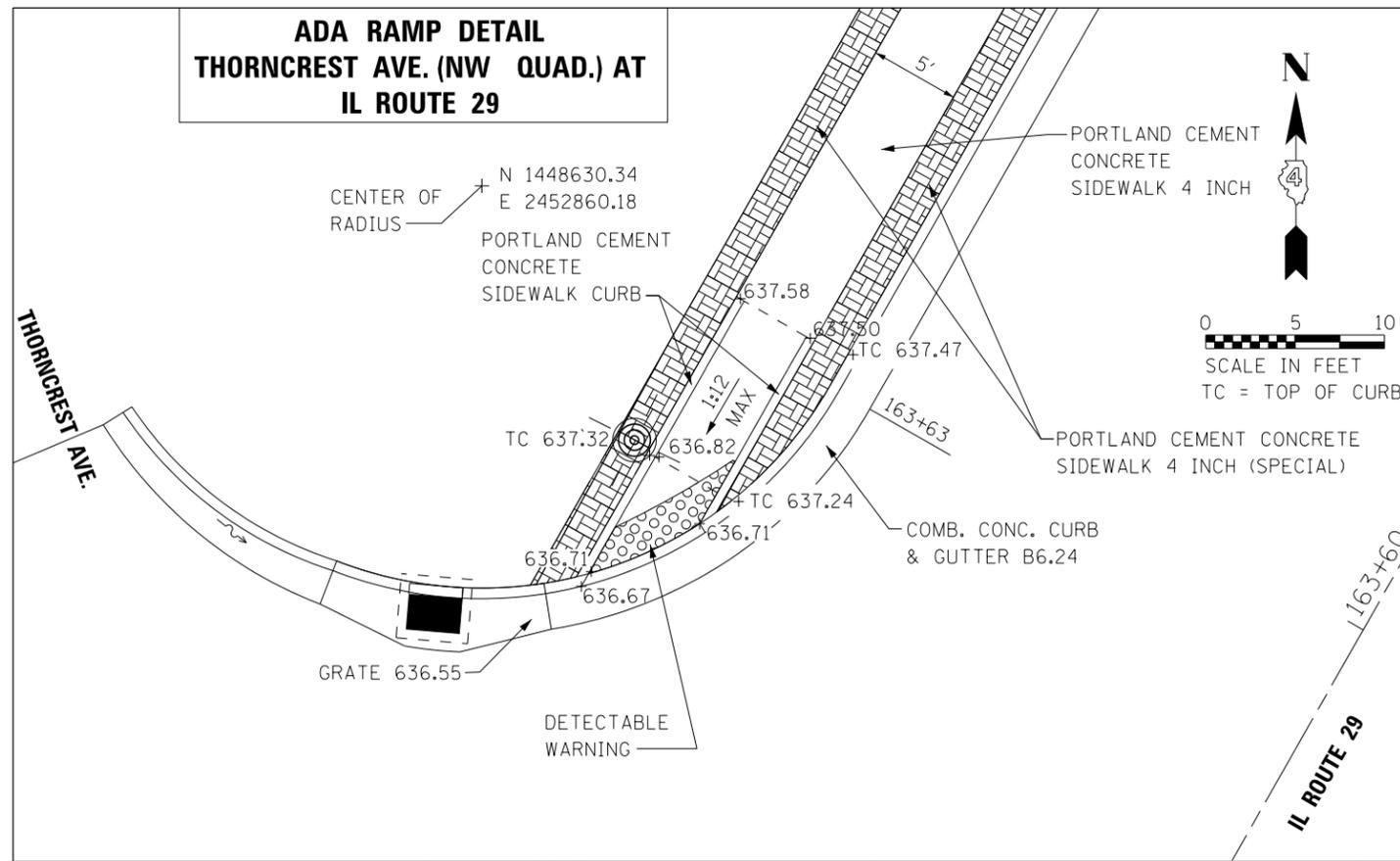
USER NAME = IDOT	DESIGNED - KMC	REVISED -
DRAWN - DLC	REVISOR -	
PLOT SCALE = 10,000 FT / in.	CHECKED - RDC	REVISOR -
PLOT DATE 1/22/2019	DATE - \$DATE	REVISOR -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

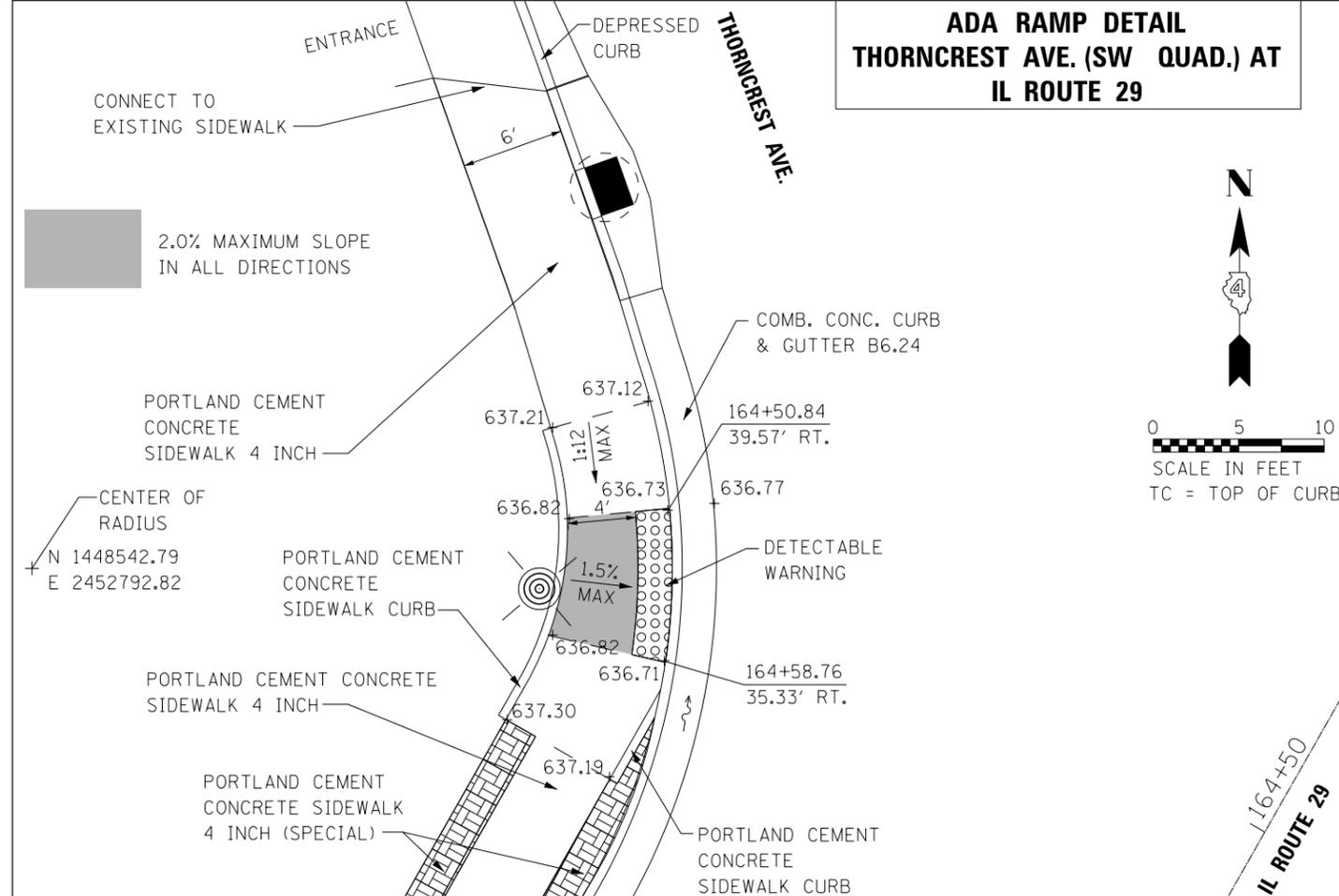
IL. RTE. 29 ADA RAMP DETAILS	
SCALE: 1" = 5'	SHEET 1 OF 4 SHEET STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	87
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

**ADA RAMP DETAIL  
THORNCREST AVE. (NW QUAD.) AT  
IL ROUTE 29**



**ADA RAMP DETAIL  
THORNCREST AVE. (SW QUAD.) AT  
IL ROUTE 29**



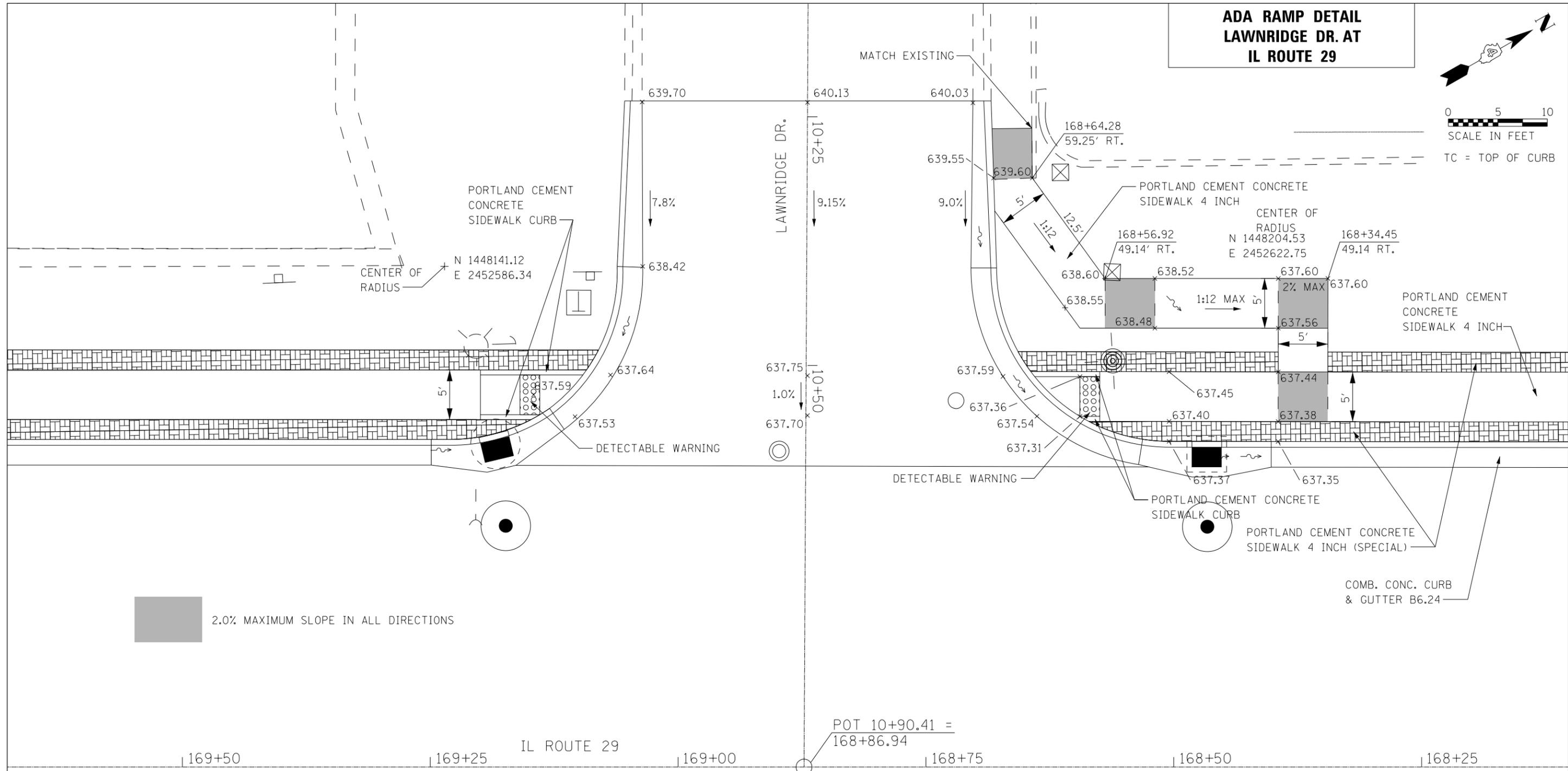
USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - DLC	REVISED -
PLOT SCALE = 10,000 FT / in.	CHECKED - RDC	REVISED -
PLOT DATE 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL RTE. 29 ADA RAMP DETAILS</b>			
SCALE: 1" = 5'	SHEET 2	OF 4 SHEET	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	88
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

**ADA RAMP DETAIL  
LAWNRIERGE DR. AT  
IL ROUTE 29**



2.0% MAXIMUM SLOPE IN ALL DIRECTIONS

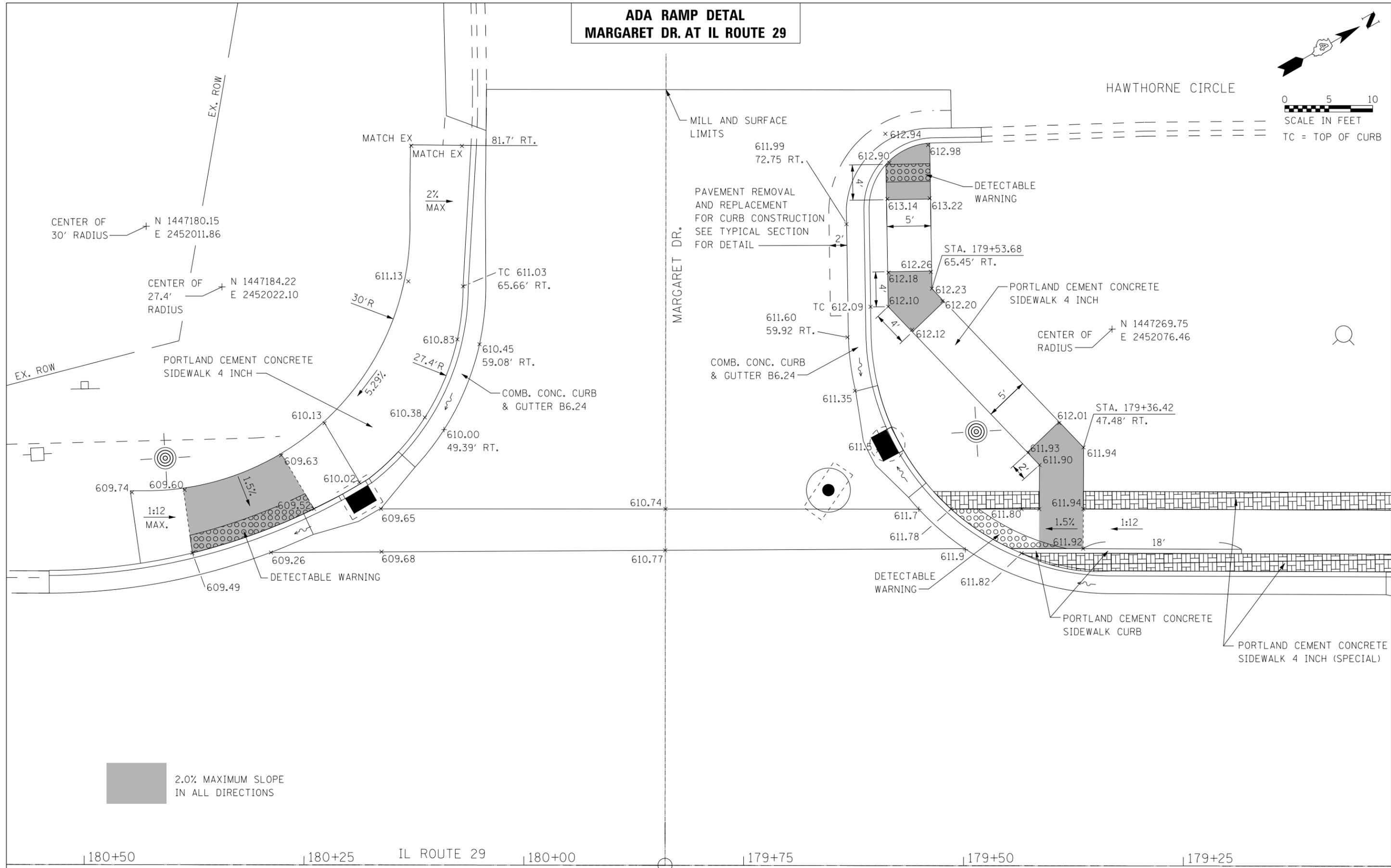
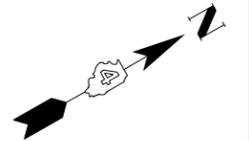
	USER NAME = IDOT	DESIGNED - KMC	REVISED -
		DRAWN - DLC	REVISED -
	PLOT SCALE = 10,000 FT / in.	CHECKED - RDC	REVISED -
	PLOT DATE 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL RTE. 29 ADA RAMP DETAILS</b>			
SCALE: 1" = 5'	SHEET 3	OF 4 SHEET	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	89
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

**ADA RAMP DETAIL  
MARGARET DR. AT IL ROUTE 29**



2.0% MAXIMUM SLOPE  
IN ALL DIRECTIONS

180+50      180+25      IL ROUTE 29      180+00      179+75      179+50      179+25



USER NAME = IDOT	DESIGNED - KMC	REVISED -
	DRAWN - DLC	REVISED -
PLOT SCALE = 10,000 FT / in.	CHECKED - RDC	REVISED -
PLOT DATE 1/22/2019	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

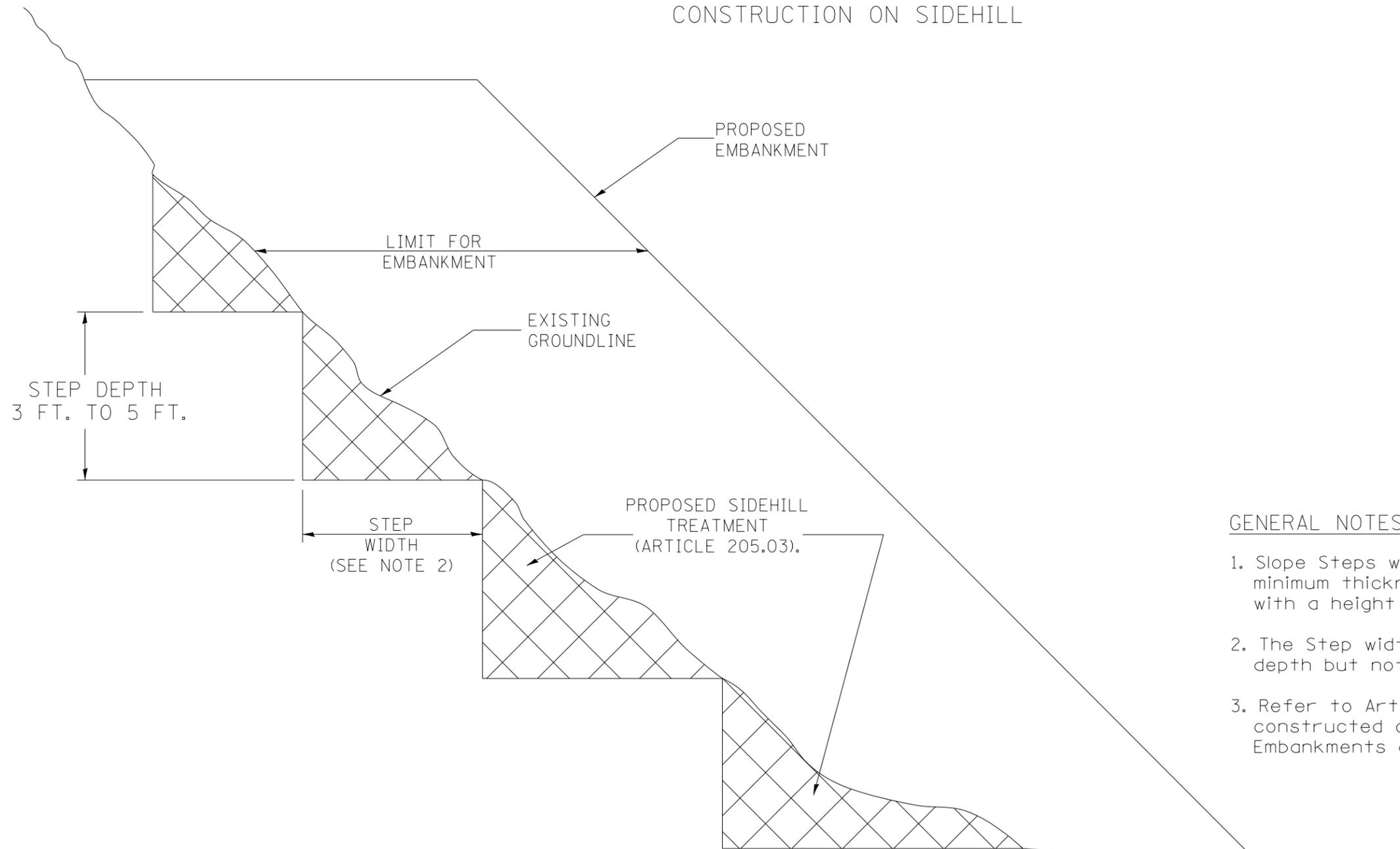
**IL RTE. 29  
ADA RAMP DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	90
CONTRACT NO. 89713				
ILLINOIS FED. AID PROJECT 05E2(122)				

# SLOPE STEPS DETAIL

## TYPICAL CROSS-SECTION EMBANKMENT CONSTRUCTION ON SIDEHILL



**DESIGNER NOTE:**  
 1. EACH PROJECT SHOULD BE REVIEWED INDEPENDENTLY FOR TREATMENT REQUIRED.  
 2. REFER TO THIS DETAIL WITH NOTE ON APPLICABLE TYPICAL SECTIONS.

**GENERAL NOTES:**

1. Slope Steps will be required for all 12(300) minimum thickness "sliver fills" and on all fills with a height of 10 feet or greater.
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

**REPLACEMENT MATERIAL:**



STANDARD EMBANKMENT  
(IN ACCORDANCE WITH  
205 OF THE STANDARD SPECIFICATION).

All dimensions are in inches (millimeters) unless otherwise noted.

1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE	T.P.		
	BOX, REVISED GENERAL NOTES.			
10-16-06	REVISED TO 2007 SPEC.	M.A.		
5-30-18	MINOR CORRECTION	R.D.		

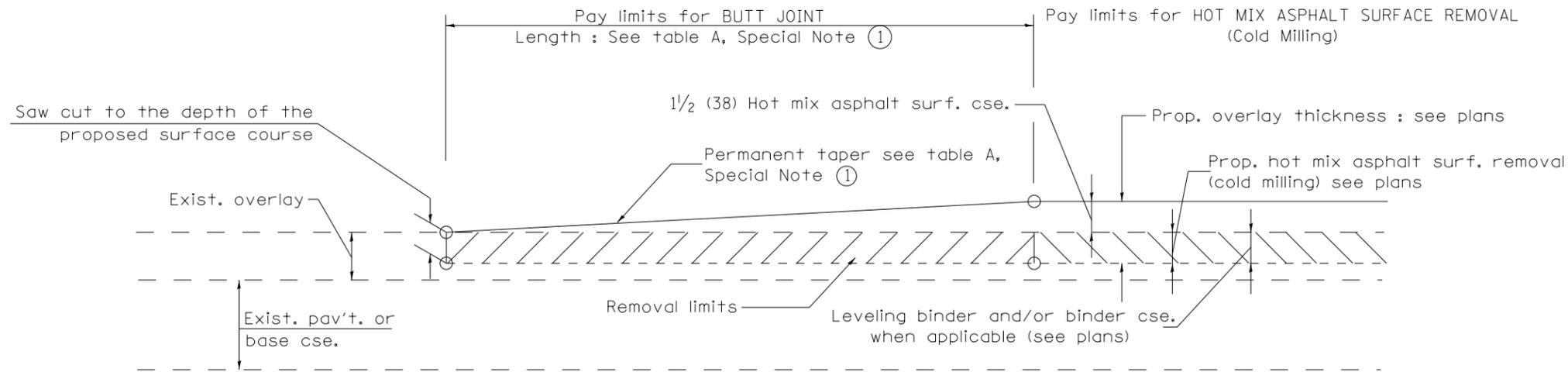
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SLOPE STEPS DETAIL**

NOT TO SCALE

CADD STD. 205001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	91
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. <b>89713</b>	



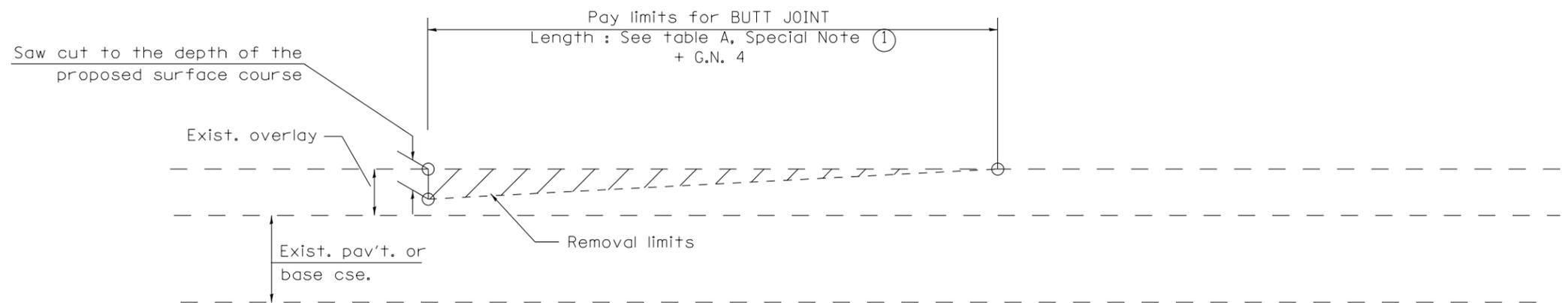
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A  
TAPER RATES

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.	08-21-13	MAJOR MODIFICATIONS	R.D.
04-01-97	CORRECTION TO DEPTH	J.A.	02-29-16	MINOR CORRECTIONS	R.D.
09-15-05	REVISED DESIGNER NOTE	M.M.A.	04-12-16	MINOR CORRECTIONS	R.D.
10-16-06	REVISED TO 2007 SPEC.	M.A.	02-14-17	ADDED NOTE 5	R.D.

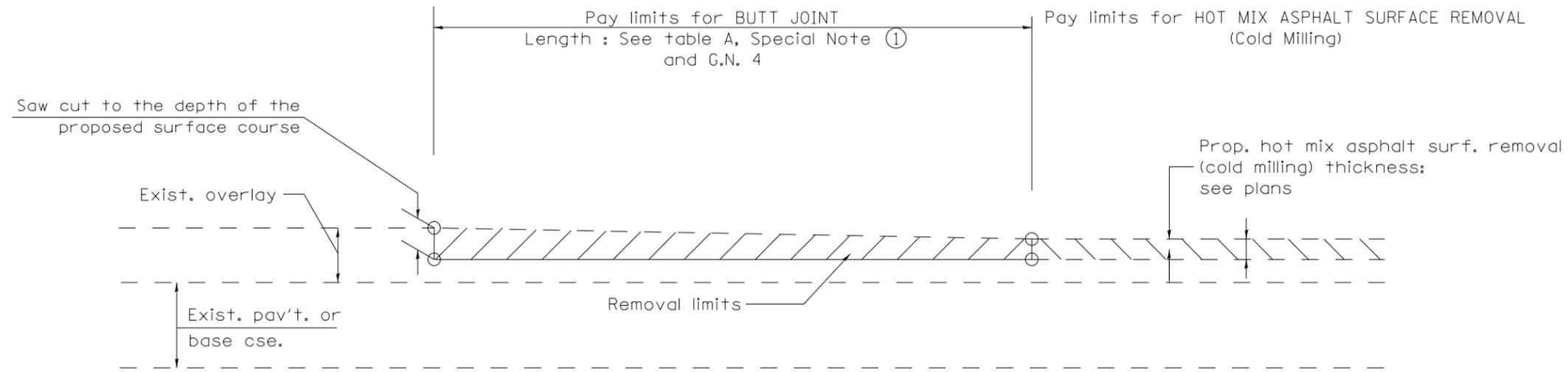
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

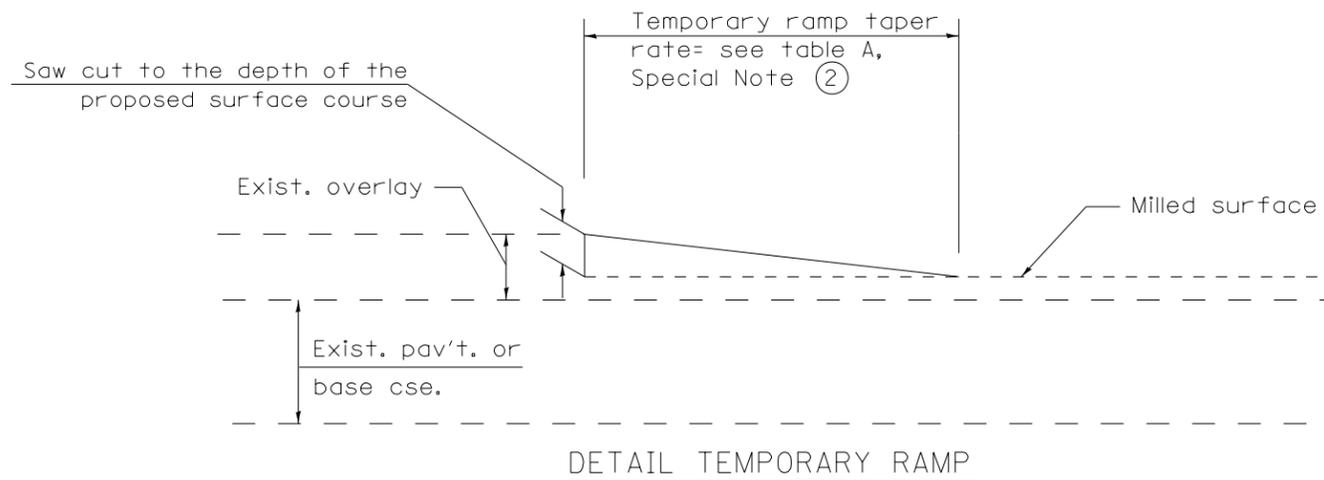
NOT TO SCALE

SHT. 1 OF 3  
CADD STD. 406101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	92
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO.	



CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER



All dimensions are in inches (millimeters) unless otherwise noted.

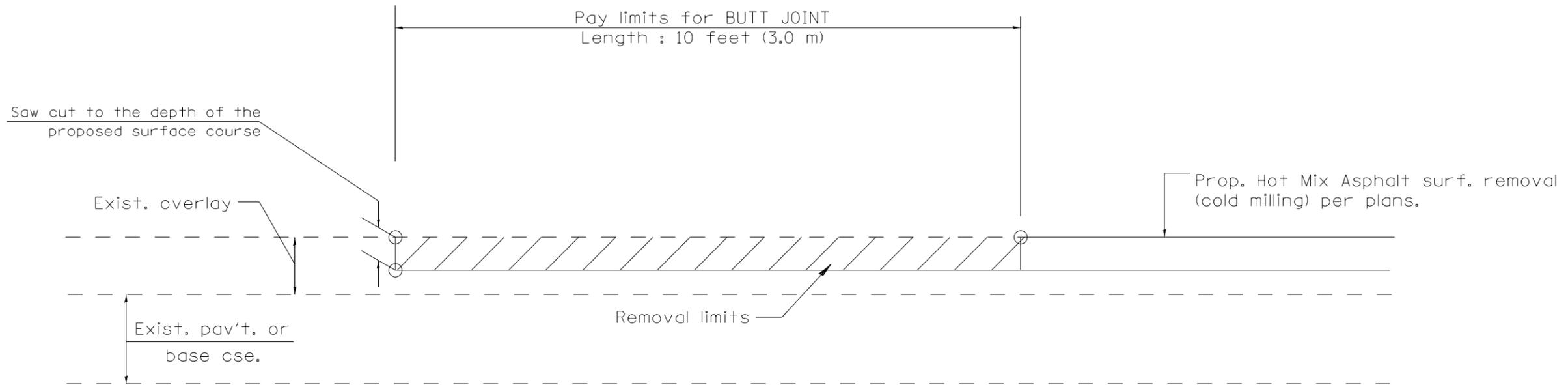

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BUTT JOINTS**

NOT TO SCALE

SHT. 2 OF 3  
CADD STD. 406101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	93
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 89713	



CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH  
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER

All dimensions are in inches (millimeters) unless otherwise noted.


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BUTT JOINTS**

NOT TO SCALE

SHT. 3 OF 3  
 CADD STD. 406101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-99945-01-SW	TAZEWELL	155	94
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 89713	

DESIGNER NOTES:  
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"  
 1:1 FLARES ARE RECOMMENDED FOR CURBLINE SIDEWALKS.  
 2. DESIGNER SHOULD REVIEW CHAPTER 58 OF BDE FOR THE ADA REQUIREMENTS.  
 3. INCLUDE STATE STANDARD 606001 AND APPLICABLE SIDEWALK STANDARDS.

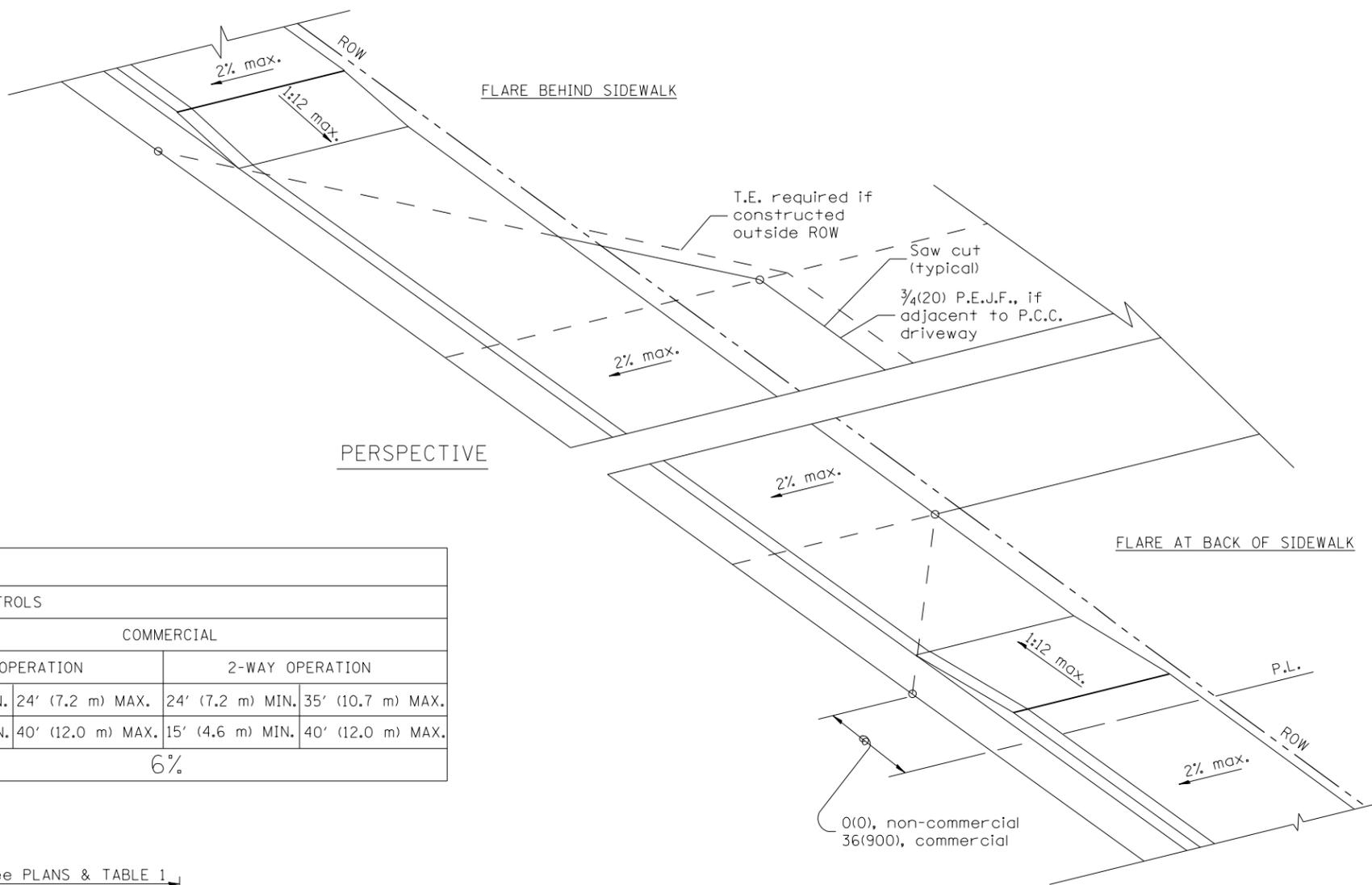
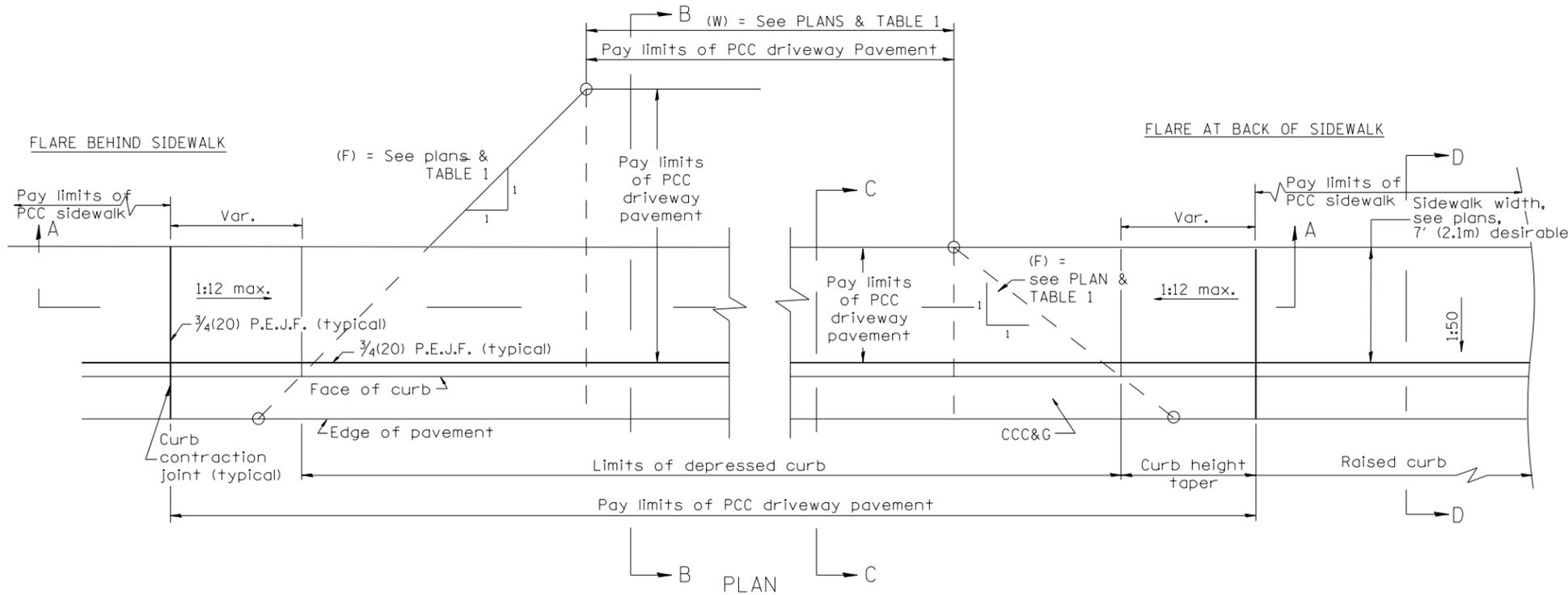


TABLE 1 URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN.	35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%			



**GENERAL NOTES**

1. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
2. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
3. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.
4. Refer to State Standard 424026 for detectable warnings at busy commercial entrances.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-103.02, NEW REVISION BOX,	T.P.	03-15-12	REMOVED HATCHING ON RAMPS	R.D.
	REVISED GENERAL NOTES				
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

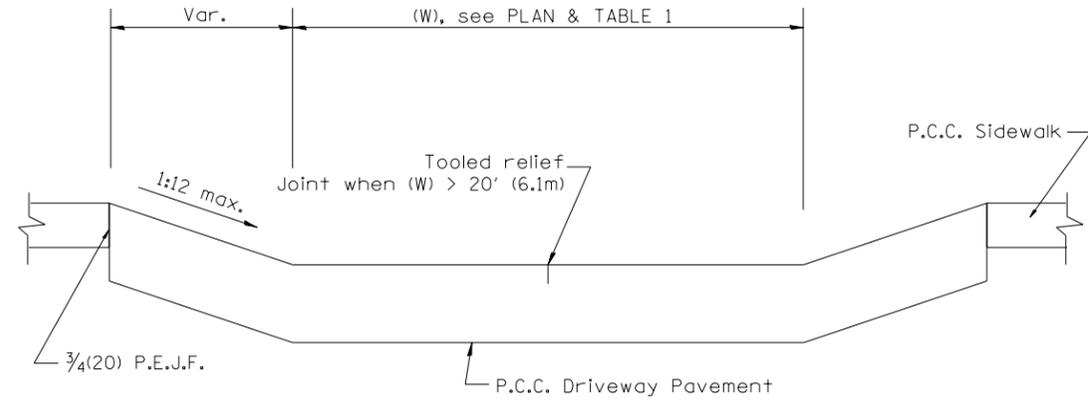
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,  
FOR CURBLINE SIDEWALKS**

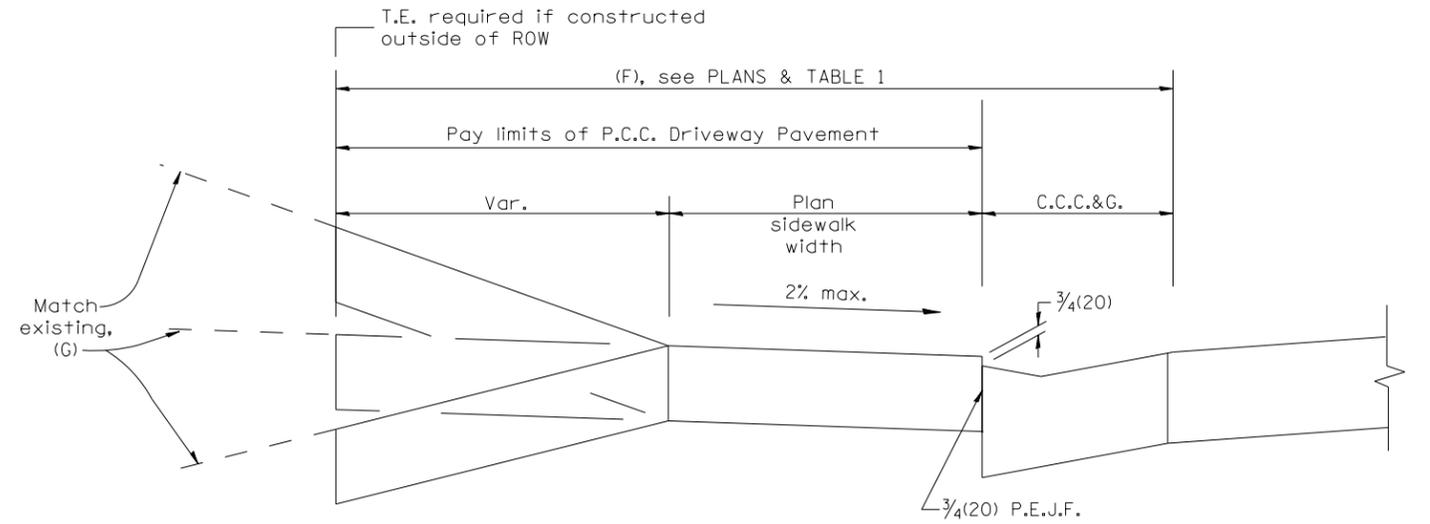
NOT TO SCALE

SHT. 1 OF 2  
CADD STD. 423101-D4

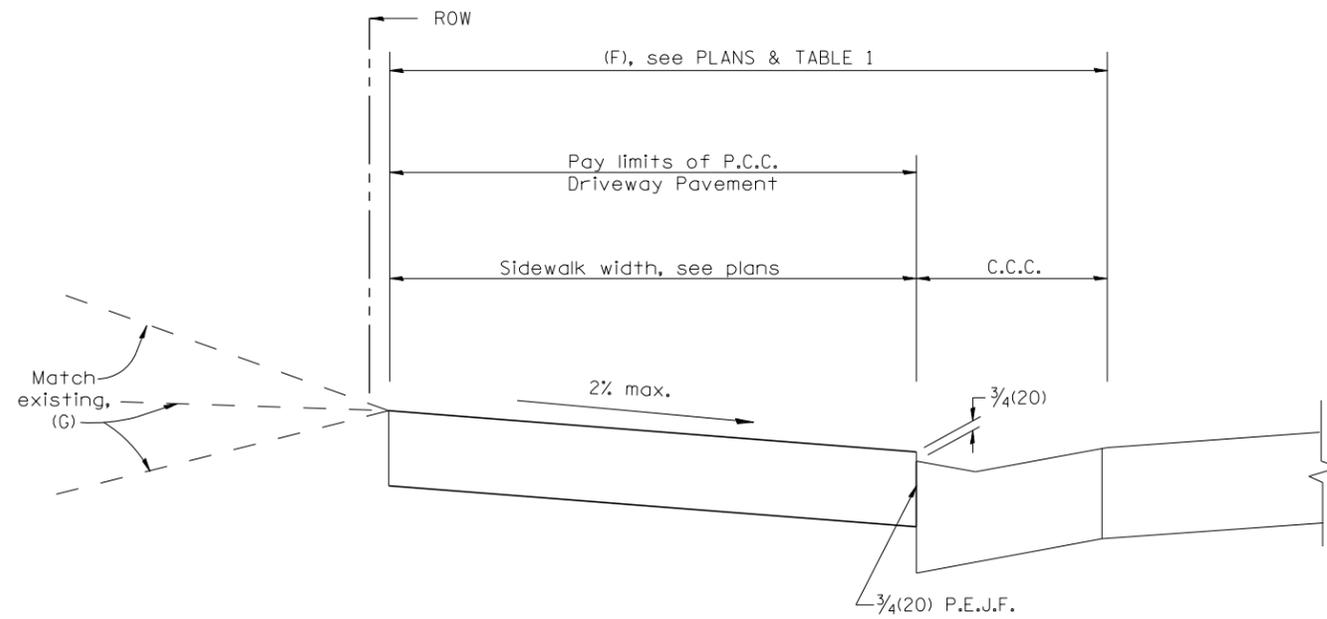
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	95
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 89713	



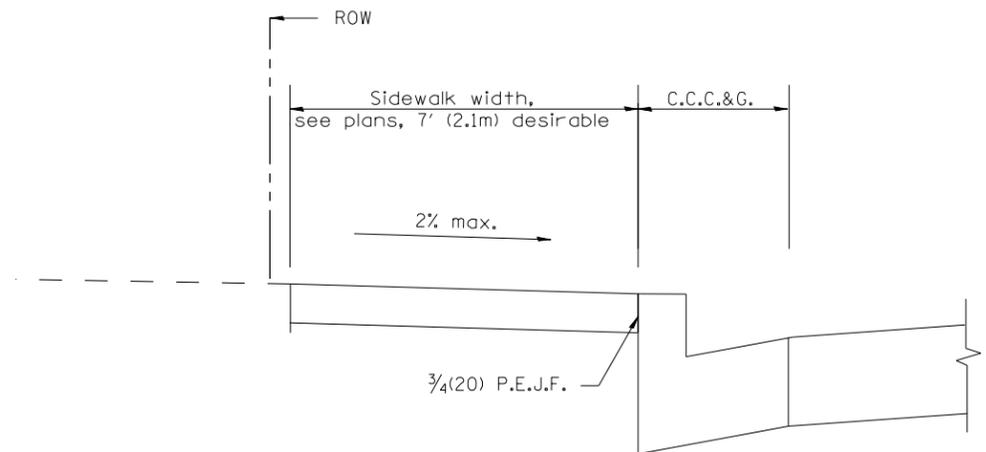
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

All dimensions are in inches (millimeters) unless otherwise noted.


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,  
FOR CURBLINE SIDEWALKS  
NOT TO SCALE

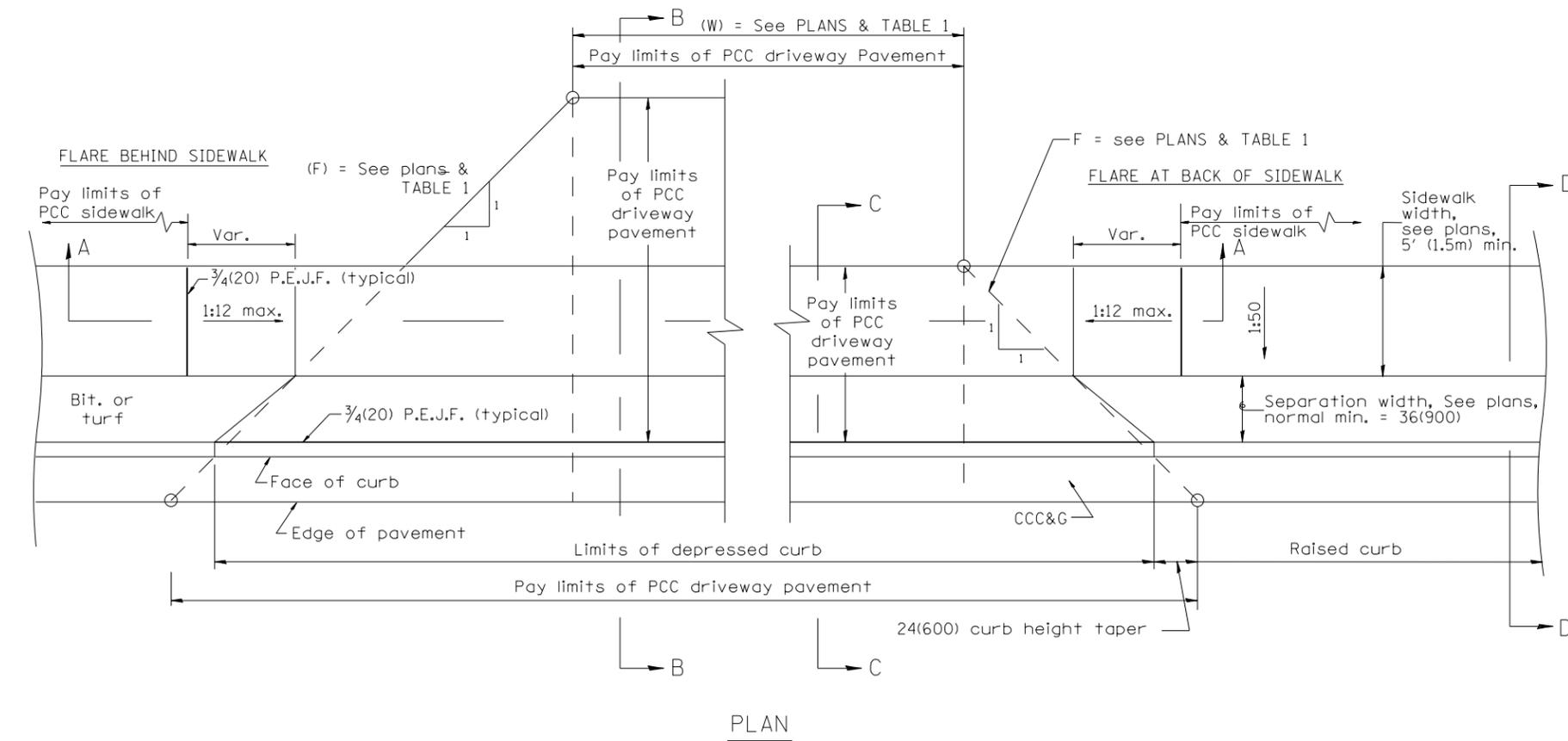
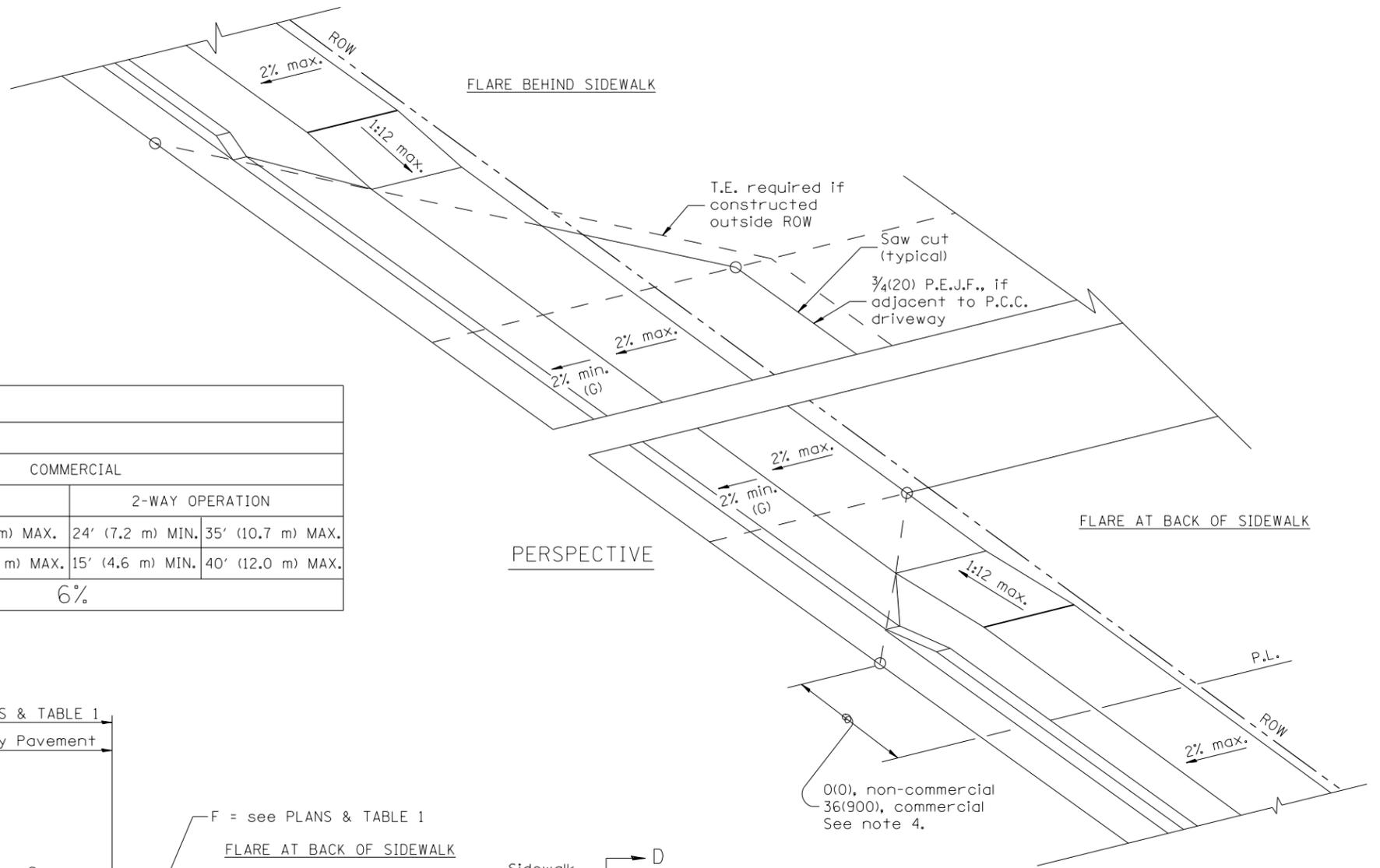
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	96
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 89713	

SHT. 2 OF 2

CADD STD. 423101-D4

DESIGNER NOTES:  
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS" 1:1 FLARES ARE RECOMMENDED FOR SIDEWALKS WITH NARROW SEPARATIONS.  
 2. DESIGNER SHOULD REVIEW BDE CHAPTER 58.  
 3. STATE STANDARD 606001 AND APPLICABLE SIDEWALK STANDARDS SHOULD BE INCLUDED IN THE PLANS TO SUPPLEMENT THIS DRAWING.

TABLE 1 URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN.	35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%			



**GENERAL NOTES**

1. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
2. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
3. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.
4. Refer to State Standard 424026 for detectable warnings at busy commercial entrances.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-103.01, NEW REVISION BOX	T.P.	03-15-12	REMOVED HATCHING ON RAMPS	R.D.
01-17-03	REMOVE CURB CONTRACTION	JATR			
09-15-05	JOINT	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

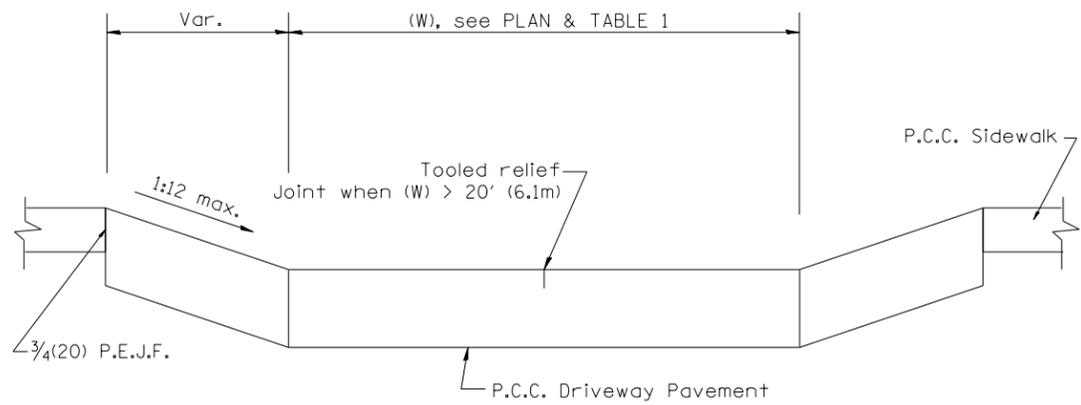
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

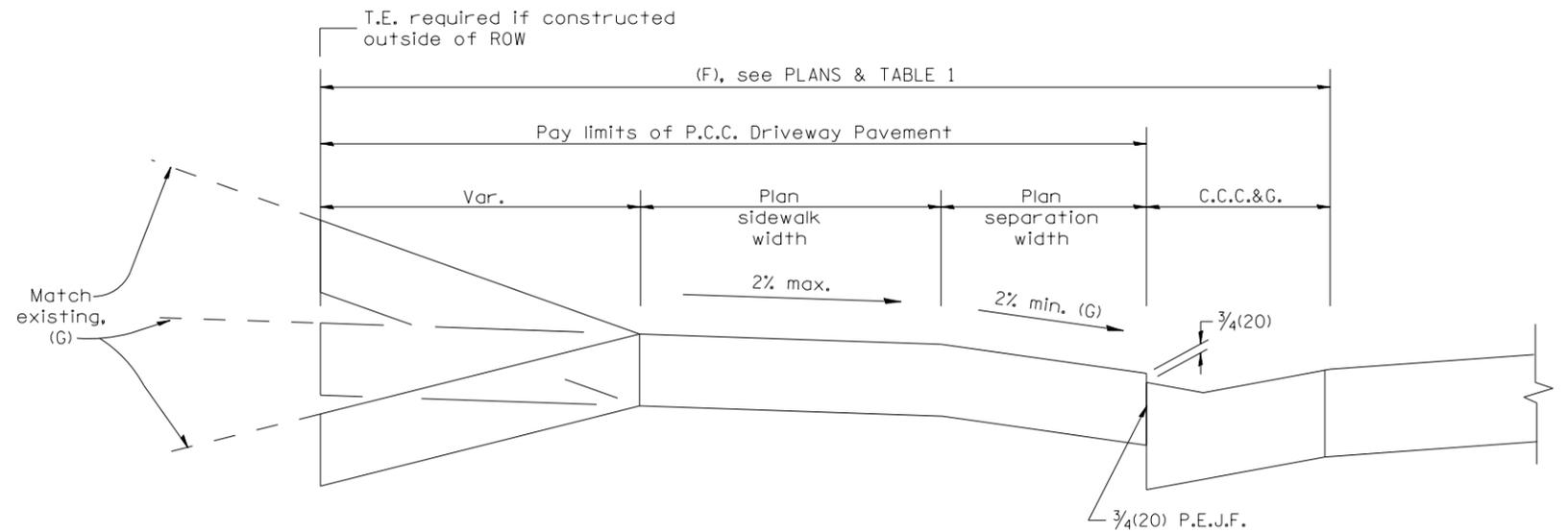
**URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,  
FOR SEPARATED SIDEWALKS**

SHT. 1 OF 2  
CADD STD. 423106-D4

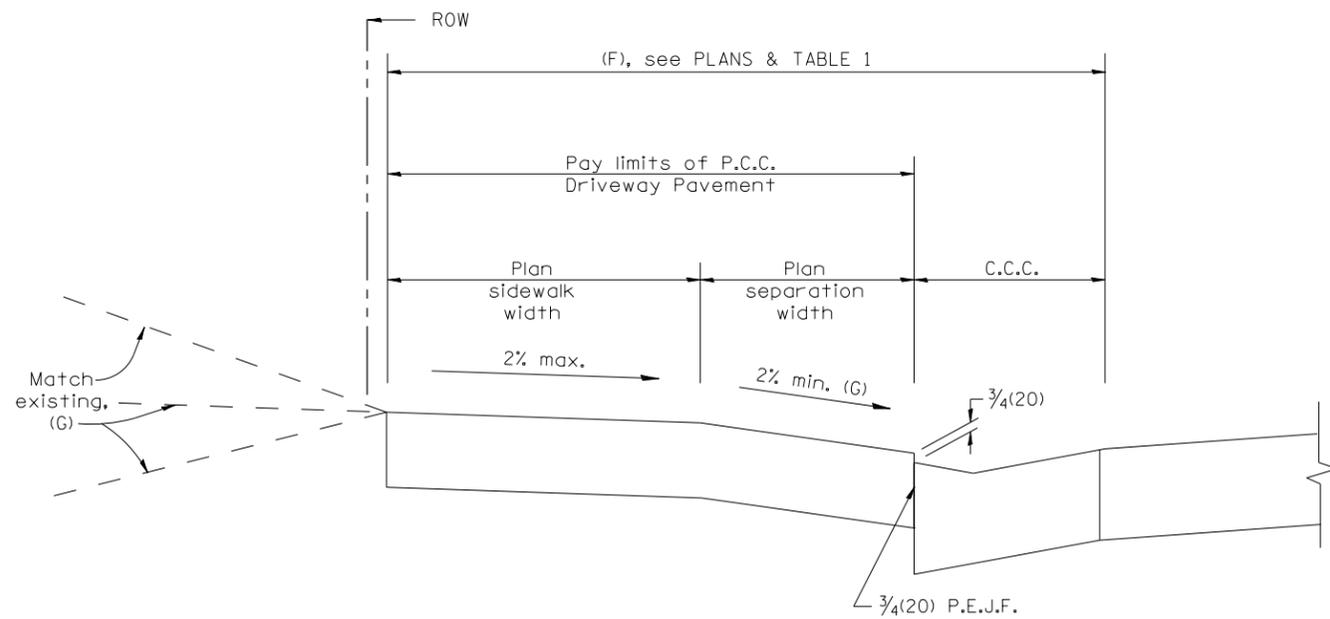
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	97
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 89713	



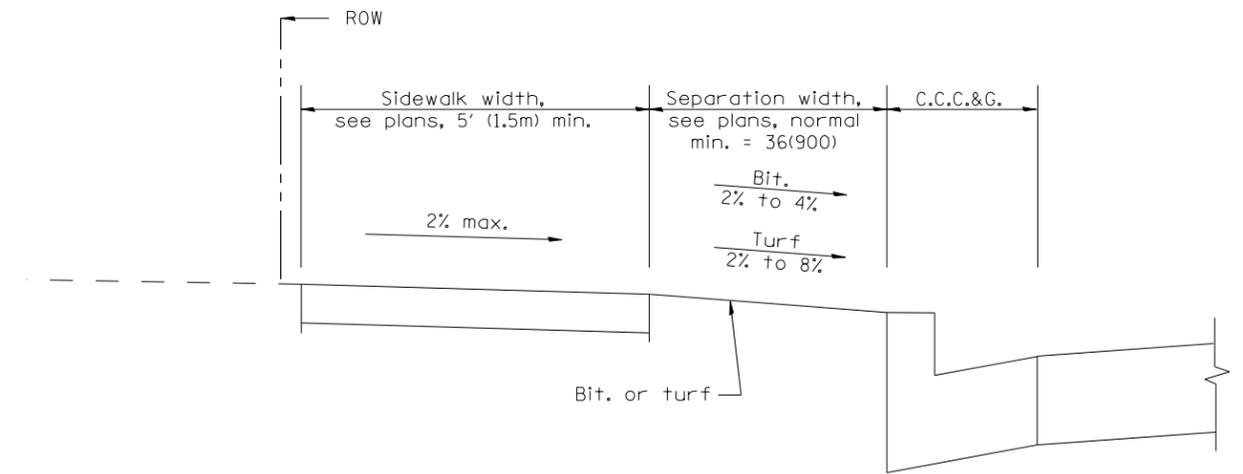
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

All dimensions are in inches (millimeters) unless otherwise noted.


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

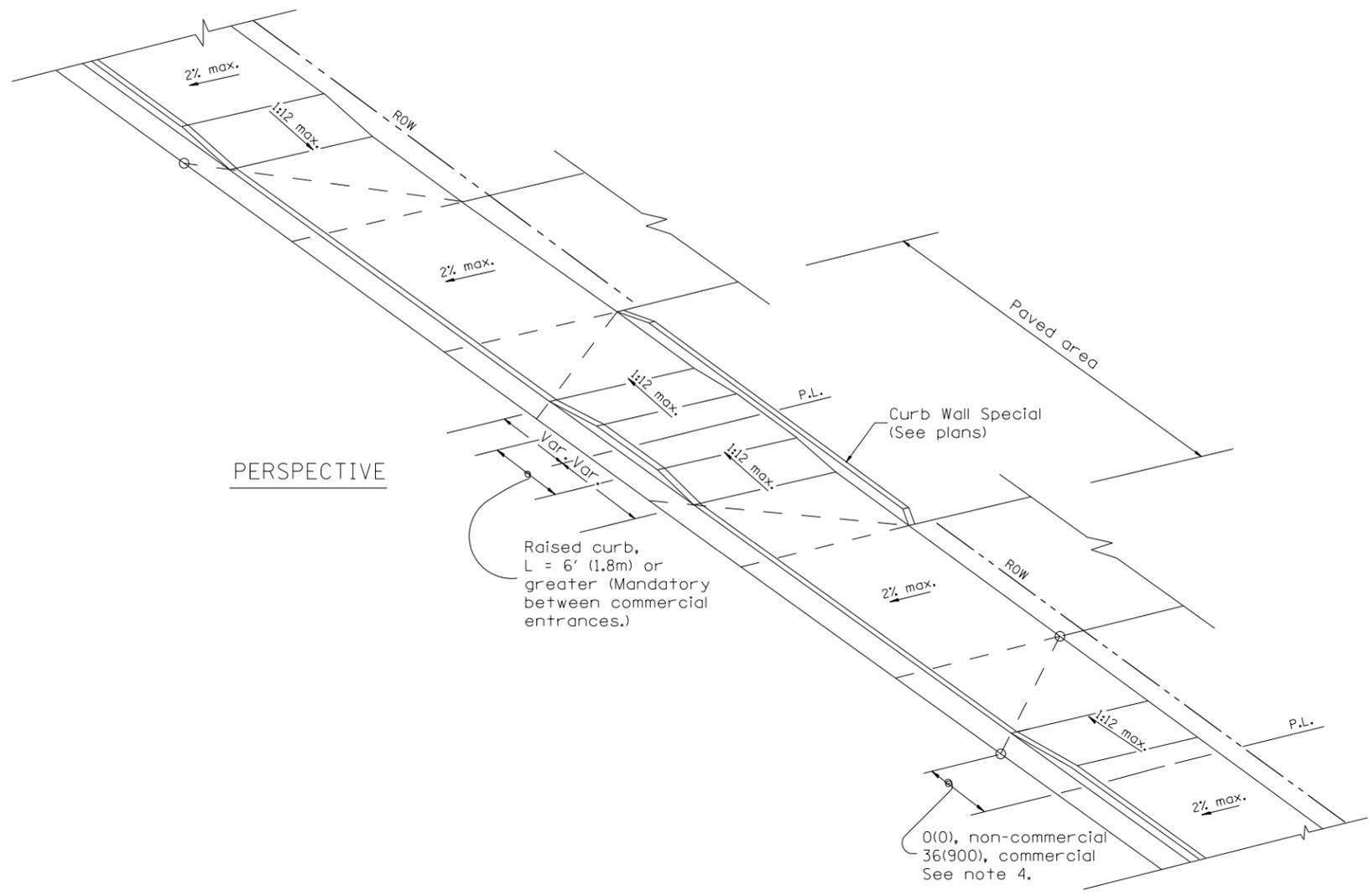
URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,  
FOR SEPARATED SIDEWALKS

NOT TO SCALE

SHT. 2 OF 2  
CADD STD. 423106-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	98
CONTRACT NO.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

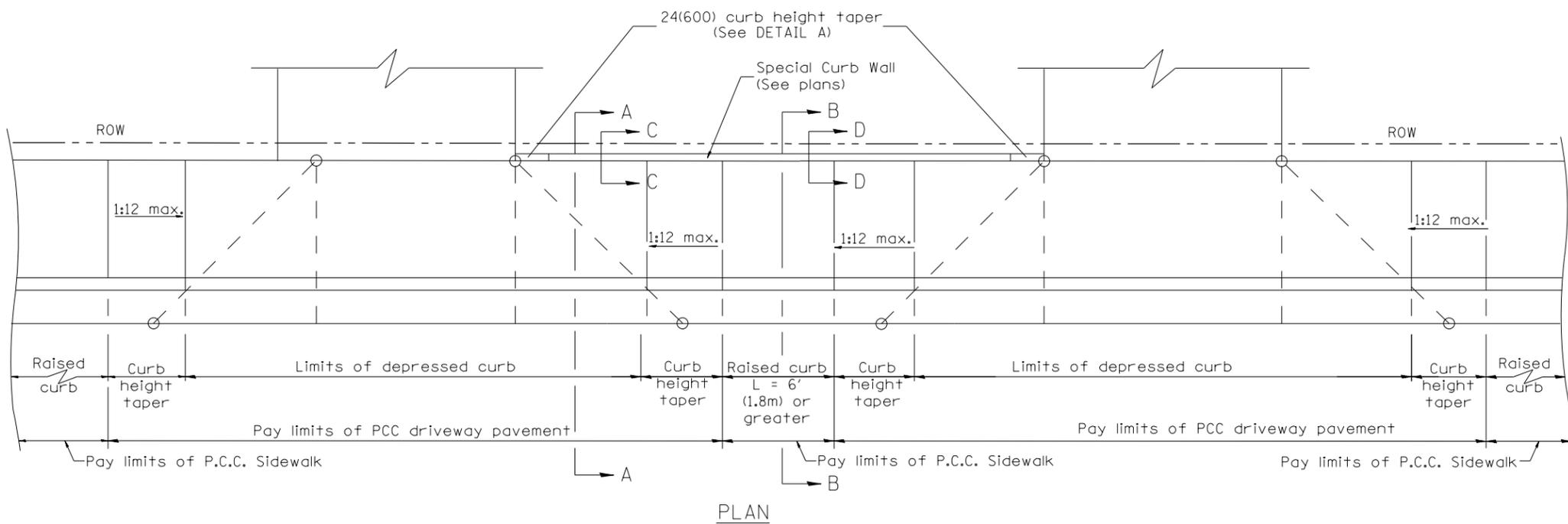
DESIGNER NOTES:  
 1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH DISTRICT CADD STD. "URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR CURBLINE SIDEWALKS."  
 2. THIS DRAWING IS FOR USE WHEN A LENGTH OF RAISED CURB OF L = 6'(1.8m) OR GREATER CAN BE OBTAINED BETWEEN ENTRANCES.



PERSPECTIVE

**GENERAL NOTES**

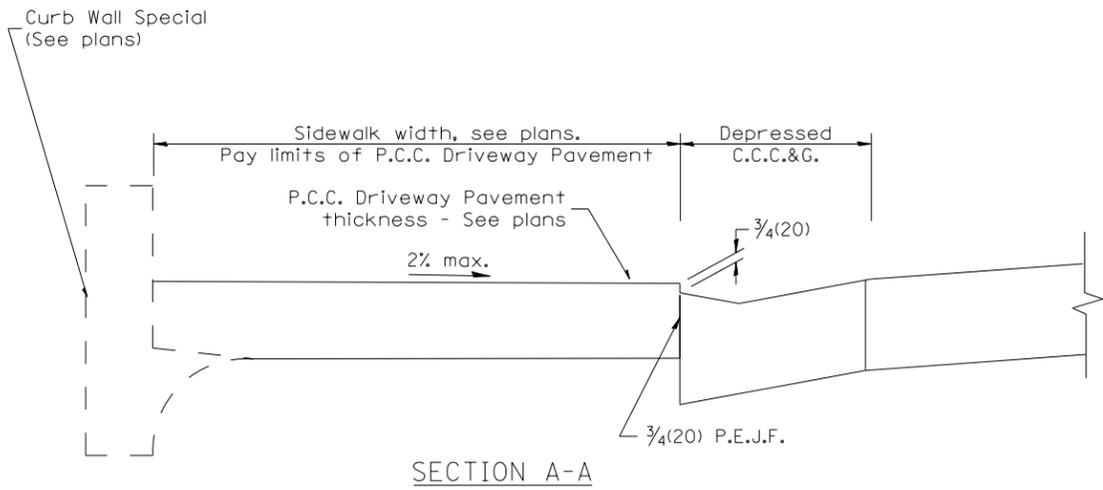
1. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
2. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
3. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.
4. Refer to State Standard 424026 for detectable warnings at busy commercial entrances.



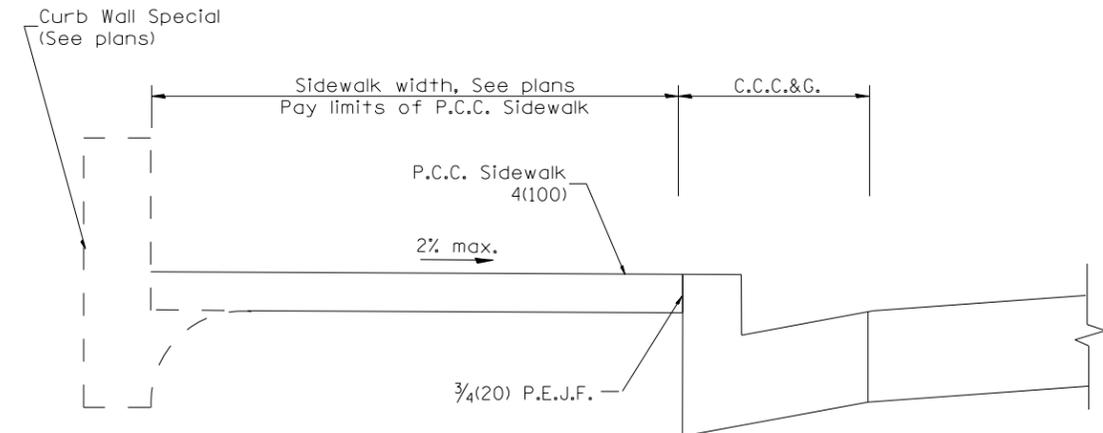
PLAN

All dimensions are in inches (millimeters) unless otherwise noted.

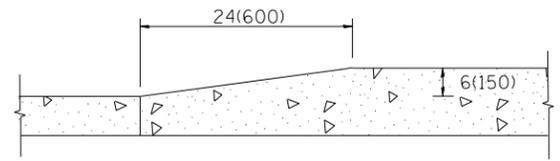
01-01-97	RENUM. C-103.07, NEW REVISION BOX	T.P.			<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>URBAN ENTRANCES, SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES</b> (WITH PAVEMENT EDGE CURB BETWEEN ENTRANCES)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-01-99	CORRECT SHEET 2 TITLE	J.A.					669	16-00045-01-SW	TAZEWELL	155	99
10-16-06	REVISED TO 2007 SPEC.	M.A.							CONTRACT NO. 89713		
03-15-12	REMOVED HATCHING ON RAMPS	R.D.							ILLINOIS FED. AID PROJECT		
						NOT TO SCALE	SHT. 1 OF 2 CADD STD. 423116-D4				



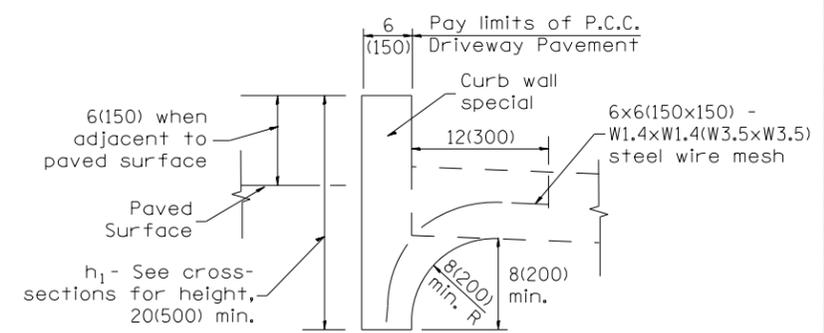
SECTION A-A



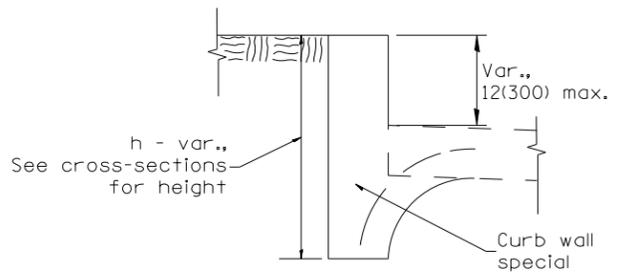
SECTION B-B



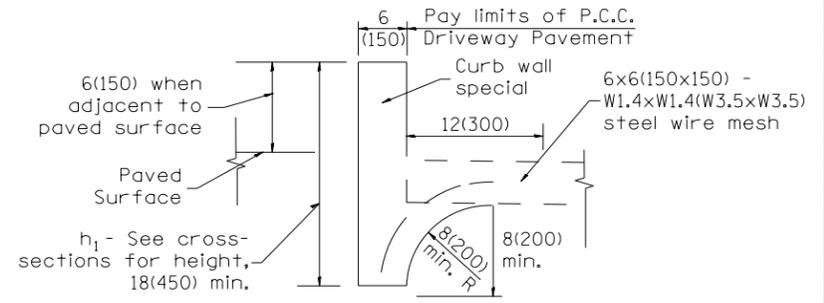
DETAIL 'A'  
Curb Height Taper Detail



SECTION C-C  
TYPICAL APPLICATION  
BETWEEN DRIVEWAYS



ALTERNATE TREATMENT  
WITH TURF BORDER



SECTION D-D  
TYPICAL APPLICATION  
BETWEEN DRIVEWAYS

**CURB WALL - SPECIAL**

Measurement formula:  $h_1 \times \text{length constructed} =$   
Payment area in square feet(square meters)

**GENERAL NOTES**

1. The Curb Wall, Special, shall be poured monolithically with the adjacent P.C.C. Driveway Pavement or P.C.C. Sidewalk.
2. All provisions of Sections 424 and 606 of the Standard Specifications shall apply unless otherwise shown.

All dimensions are in inches (millimeters) unless otherwise noted.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	16-00045-01-SW	TAZEWELL	155	100
CONTRACT NO. 89713				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				