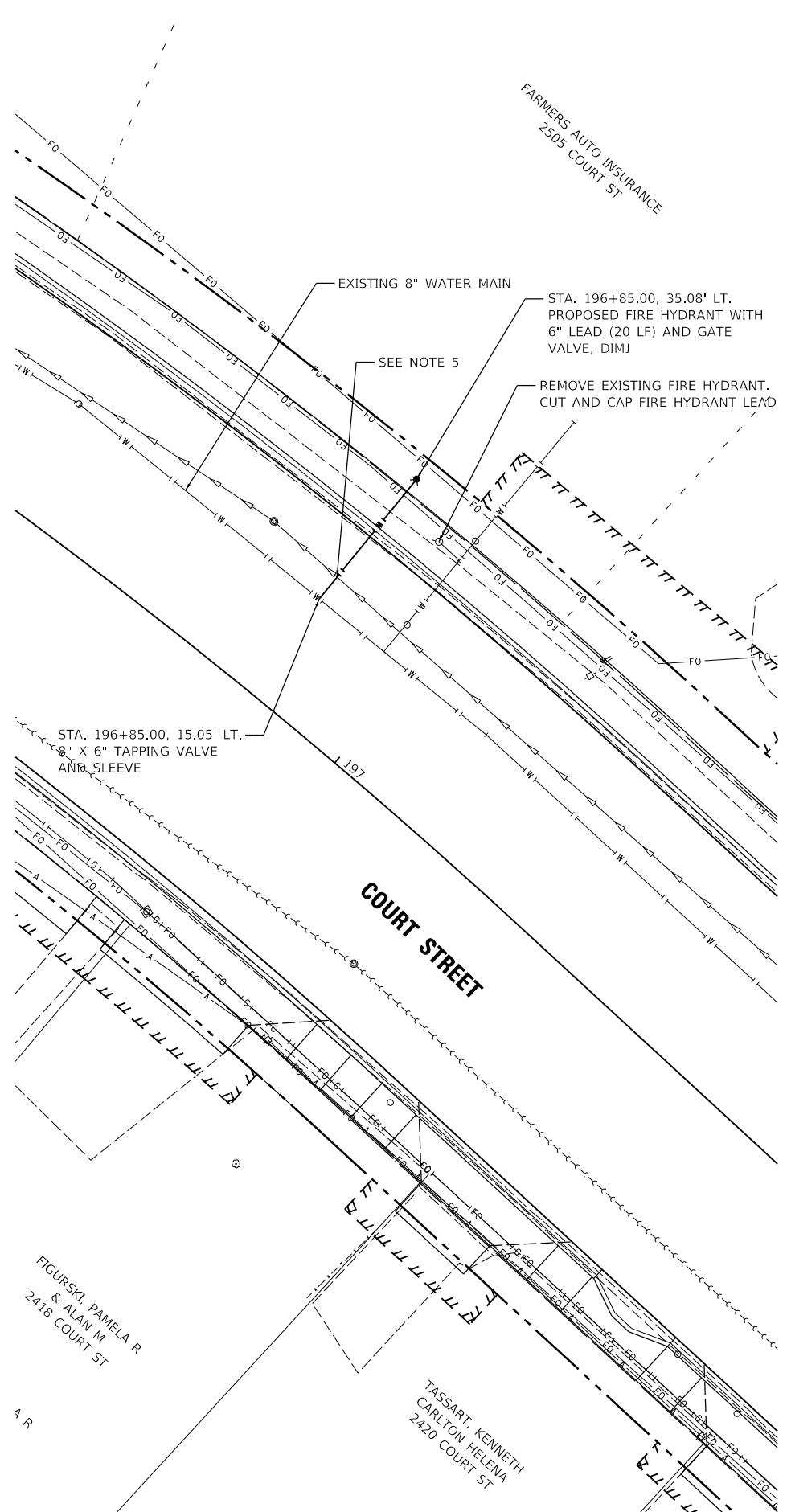
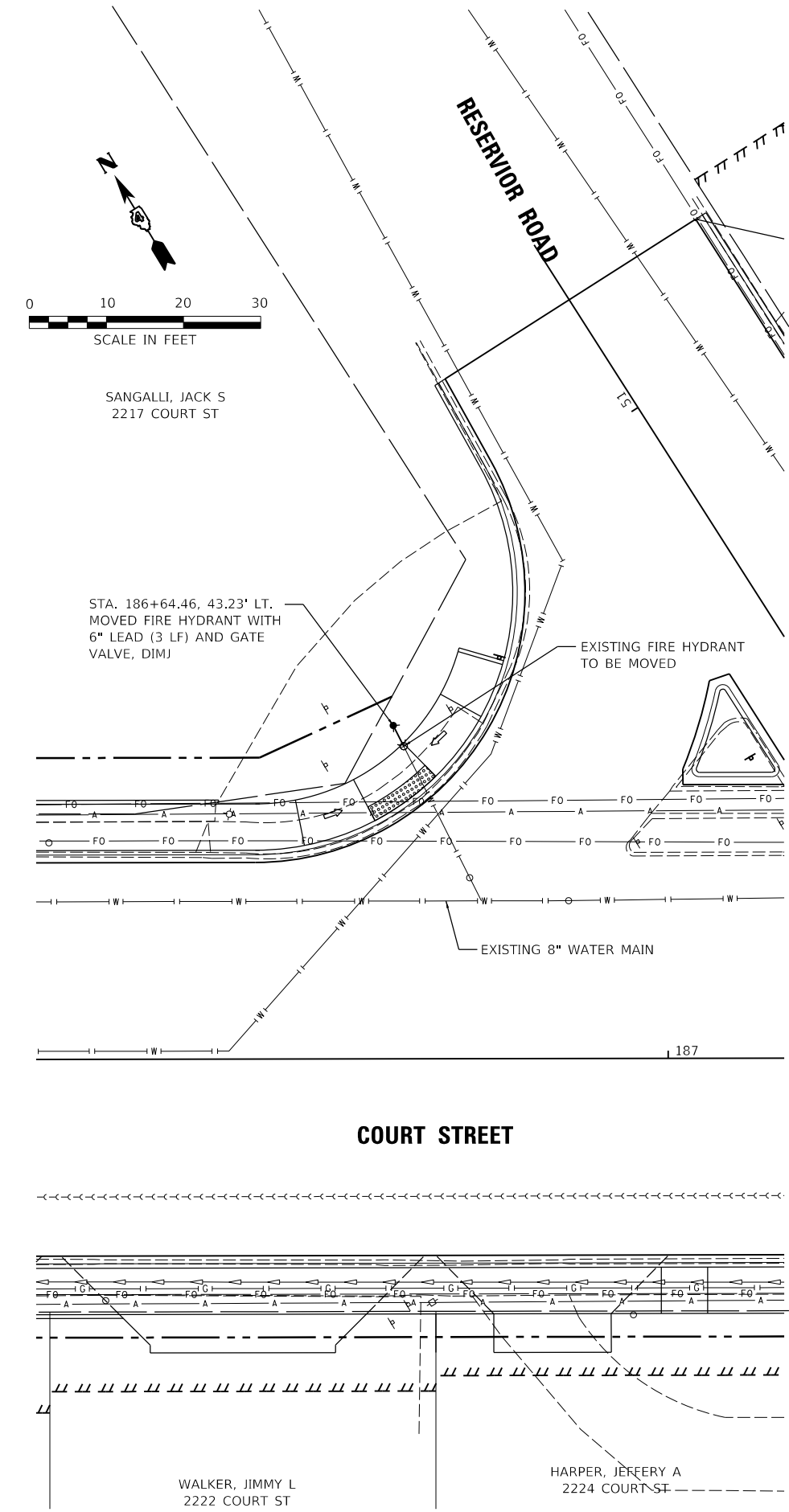
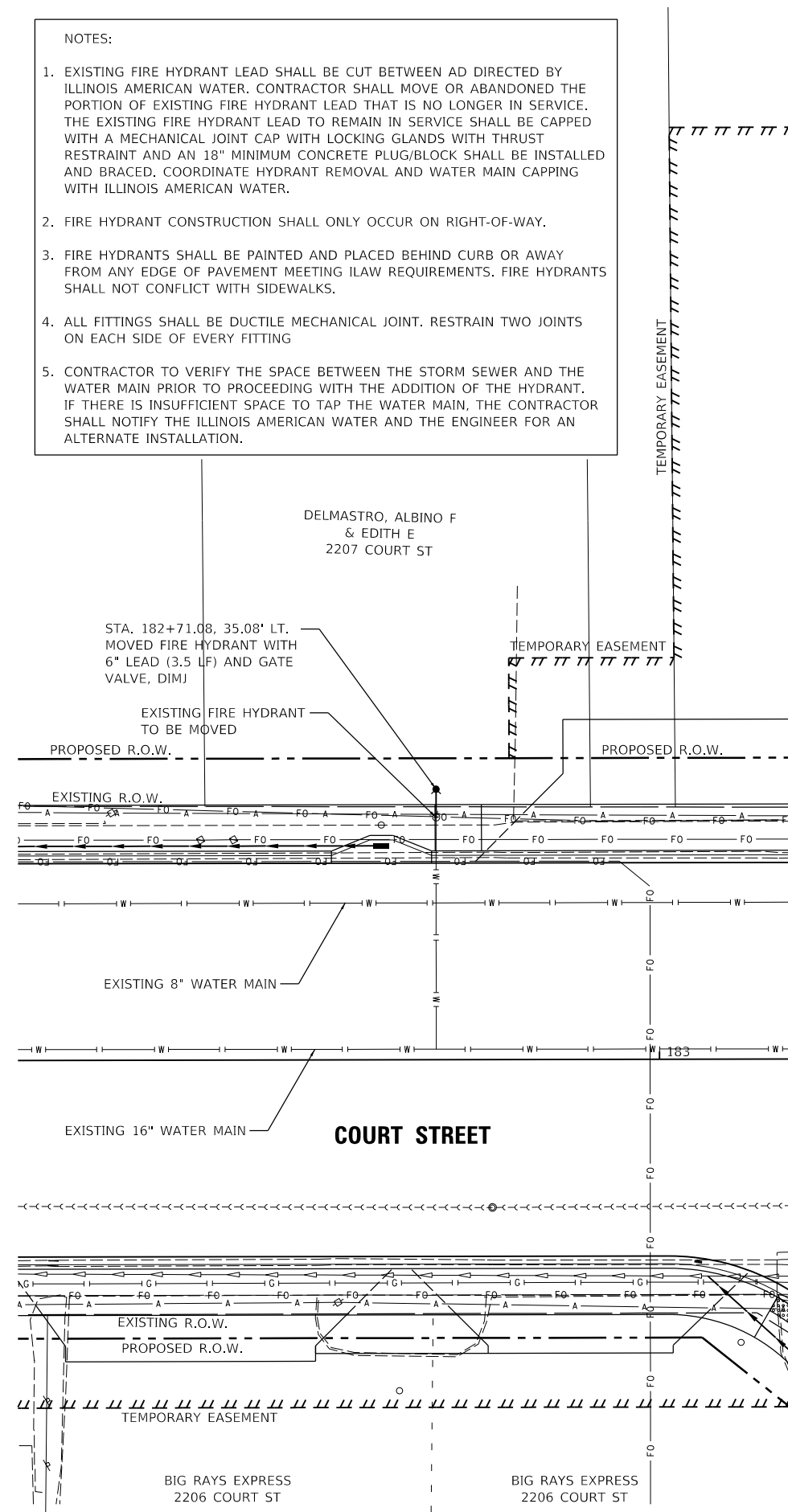


NOTES:

- EXISTING FIRE HYDRANT LEAD SHALL BE CUT BETWEEN AD DIRECTED BY ILLINOIS AMERICAN WATER. CONTRACTOR SHALL MOVE OR ABANDONED THE PORTION OF EXISTING FIRE HYDRANT LEAD THAT IS NO LONGER IN SERVICE. THE EXISTING FIRE HYDRANT LEAD TO REMAIN IN SERVICE SHALL BE CAPPED WITH A MECHANICAL JOINT CAP WITH LOCKING GLANDS WITH THRUST RESTRAINT AND AN 18" MINIMUM CONCRETE PLUG/BLOCK SHALL BE INSTALLED AND BRACED. COORDINATE HYDRANT REMOVAL AND WATER MAIN CAPPING WITH ILLINOIS AMERICAN WATER.
- FIRE HYDRANT CONSTRUCTION SHALL ONLY OCCUR ON RIGHT-OF-WAY.
- FIRE HYDRANTS SHALL BE PAINTED AND PLACED BEHIND CURB OR AWAY FROM ANY EDGE OF PAVEMENT MEETING ILAW REQUIREMENTS. FIRE HYDRANTS SHALL NOT CONFLICT WITH SIDEWALKS.
- ALL FITTINGS SHALL BE DUCTILE MECHANICAL JOINT. RESTRAIN TWO JOINTS ON EACH SIDE OF EVERY FITTING
- CONTRACTOR TO VERIFY THE SPACE BETWEEN THE STORM SEWER AND THE WATER MAIN PRIOR TO PROCEEDING WITH THE ADDITION OF THE HYDRANT. IF THERE IS INSUFFICIENT SPACE TO TAP THE WATER MAIN, THE CONTRACTOR SHALL NOTIFY THE ILLINOIS AMERICAN WATER AND THE ENGINEER FOR AN ALTERNATE INSTALLATION.



LAYOUT	LU	2/3/23
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REVIEWED	LJB	2/3/23

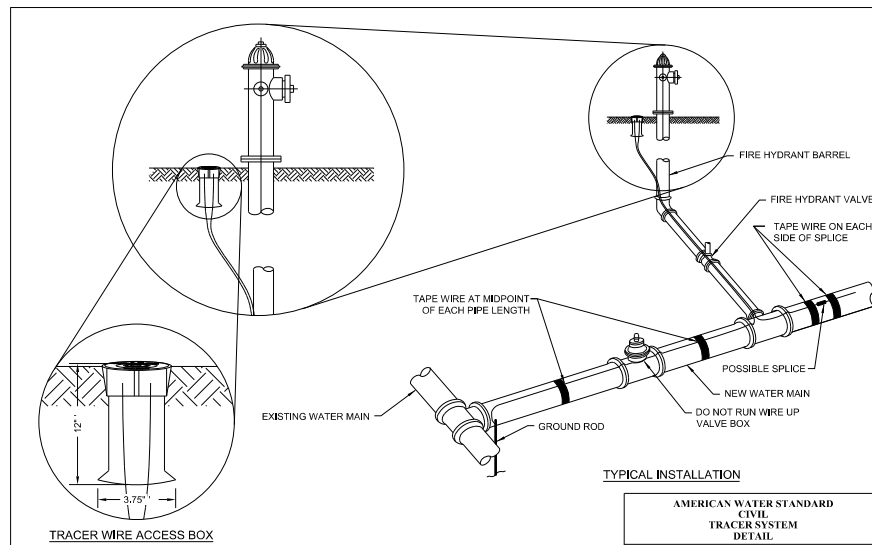
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Default		CHECKED - LJB	REVISED -
		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.
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COURT STREET
FIRE HYDRANT RELOCATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	101
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	

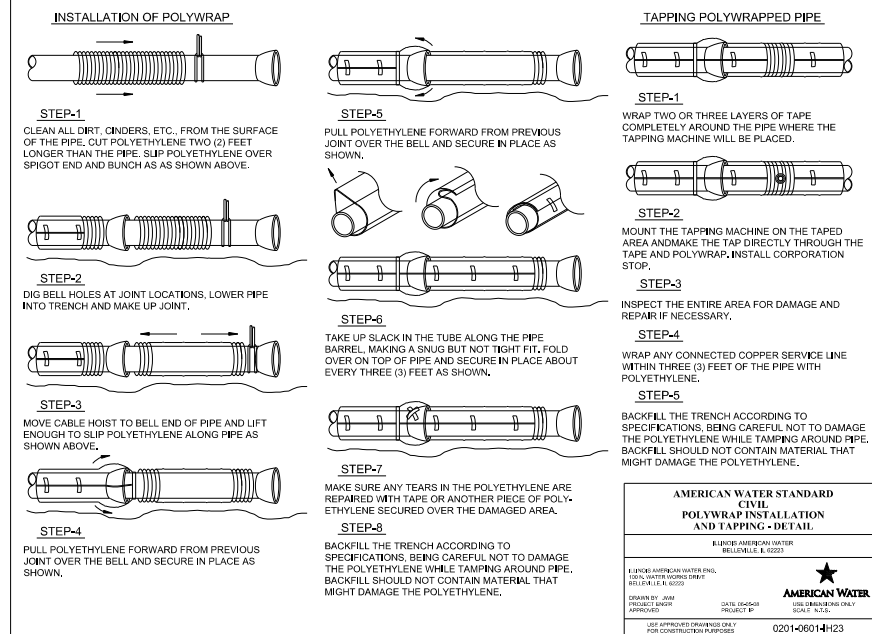


NOTES:
 1. EXTEND TRACER WIRE UP FIRE HYDRANT BARREL TO INTERNAL TERMINALS OF TRACER WIRE STATION AND BACK DOWN.
 2. CLAMP TRACER WIRE TO GROUND ROD AT SYSTEM TERMINATION POINTS.

AMERICAN WATER STANDARD CIVIL TRACER SYSTEM DETAIL

AMERICAN WATER
 11000 AMERICAN WATER DRIVE, WATER WORKS CENTER, BELLVILLE, MO 63021

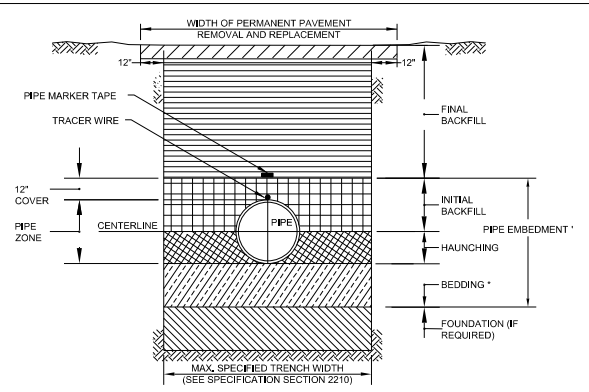
DESIGNED BY: JRM PROJECT ENGINEER: JRM DATE: 02/04/23 SCALE: N.T.S. APPROVED: JRM PROJECT # 0201-06014H22



AMERICAN WATER STANDARD CIVIL POLYWRAP INSTALLATION AND TAPPING - DETAIL

AMERICAN WATER
 11000 AMERICAN WATER DRIVE, WATER WORKS CENTER, BELLVILLE, MO 63021

DESIGNED BY: JRM PROJECT ENGINEER: JRM DATE: 02/04/23 SCALE: N.T.S. APPROVED: JRM PROJECT # 0201-06014H23



TRENCH TERMINOLOGY

FOUNDATION: A FOUNDATION IS NECESSARY ONLY WHEN NATIVE SOILS ARE UNSTABLE. FOR SUCH CONDITIONS, THE TRENCH IS OVER-EXCAVATED AND A LAYER OF SUPPORTIVE MATERIAL IS PLACED AND COMPACTED TO PROVIDE A FIRM FOUNDATION FOR THE SUBSEQUENT PIPE EMBEDMENT MATERIALS.

EMBEDMENT: THIS ZONE IS THE MOST IMPORTANT IN TERMS OF PIPE PERFORMANCE. IT IS DIVIDED INTO THE FOLLOWING SUB ZONES:

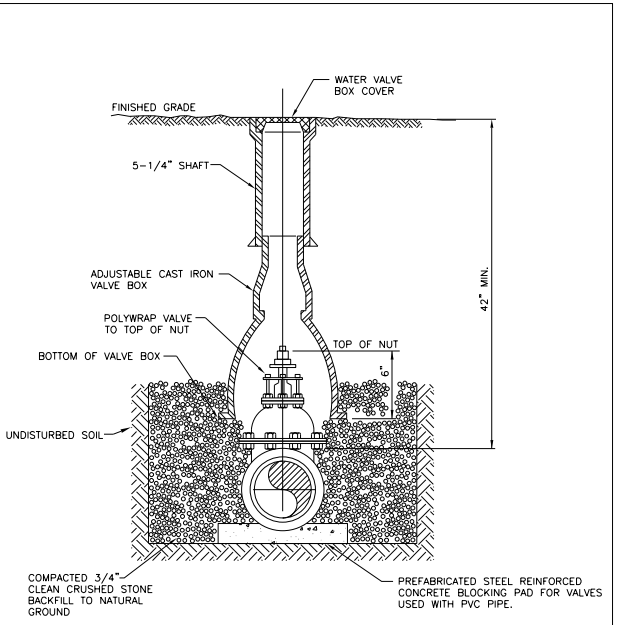
- BEDDING:** TYPICALLY SIX INCHES OF SUPPORTIVE, COMPACTED MATERIAL, THIS ZONE PROVIDES EVEN SUPPORT FOR THE PIPE AND BRINGS IT TO GRADE.
- HAUNCHING:** EXTENDS FROM THE BOTTOM OF THE PIPE TO THE CENTERLINE OF THE PIPE. IT PROVIDES THE MOST RESISTANCE TO PIPE DEFLECTION. SPECIFYING PROPER MATERIALS AND COMPACTATION ARE MOST IMPORTANT FOR THIS ZONE. IN MOST CASES NATIVE MATERIAL IS ACCEPTABLE. MATERIAL SHALL BE FREE OF ROCKS AND BE PLACED BY HAND TO PROTECT POLYETHYLENE ENCASING.
- INITIAL BACKFILL:** EXTENDS FROM THE SPRINGLINE TO A POINT ABOVE THE TOP OF THE PIPE. THIS ZONE PROVIDES SOME PIPE SUPPORT AND HELPS TO PREVENT DAMAGE TO THE PIPE DURING PLACEMENT OF THE FINAL BACKFILL. THE COVER EXTENDS FROM THE TOP OF THE PIPE TO THE TOP OF THE INITIAL BACKFILL. THE DEPTH OF COVER SHOULD BE AS MUCH AS NECESSARY TO PROTECT THE PIPE DURING PLACEMENT OF THE FINAL BACKFILL. TWELVE INCHES IS A COMMON DEPTH OF COVER.
- FINAL BACKFILL:** THIS ZONE EXTENDS FROM THE TOP OF THE INITIAL BACKFILL TO THE TOP OF THE TRENCH. THIS ZONE HAS LITTLE INFLUENCE ON PIPE PERFORMANCE, BUT CAN BE IMPORTANT TO THE INTEGRITY OF ROADS AND STRUCTURES.

* UNLESS OTHERWISE DIRECTED BY COMPANY, OR FIELD CONDITIONS REQUIRE, BEDDING IS NOT REQUIRED FOR DUCTILE IRON MAIN. CONTRACTOR SHALL SCARIFY 2\"/>

AMERICAN WATER STANDARD CIVIL PIPE TRENCH TERMINOLOGY DETAIL

AMERICAN WATER
 11000 AMERICAN WATER DRIVE, WATER WORKS CENTER, BELLVILLE, MO 63021

DESIGNED BY: JRM PROJECT ENGINEER: JRM DATE: 02/04/23 SCALE: N.T.S. APPROVED: JRM PROJECT # 0201-06014SD53



AMERICAN WATER STANDARD CIVIL VALVE BOX INSTALLATION DETAIL

AMERICAN WATER
 11000 AMERICAN WATER DRIVE, WATER WORKS CENTER, BELLVILLE, MO 63021

DESIGNED BY: JRM PROJECT ENGINEER: JRM DATE: 02/04/23 SCALE: N.T.S. APPROVED: JRM PROJECT # 0201-06014SD59

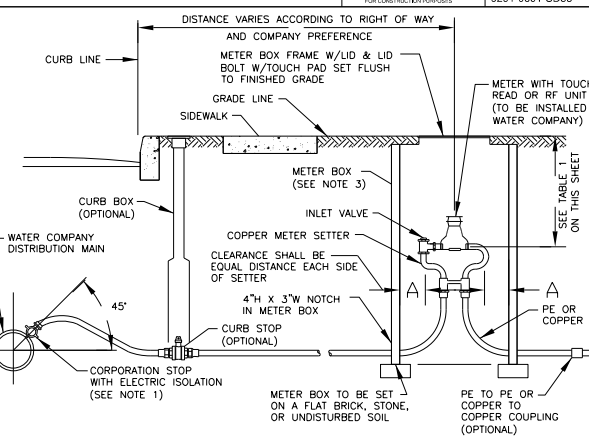


TABLE 1

DISTRICT	DEPTH
CAIRO	18"
INTERURBAN	18"
ALTON	18"
CHAMPAIGN	18"
LINCOLN	18"
PEKIN	18"
PEORIA	18"
CHICAGO METRO	18"
PONTIAC	18"
STREATOR	18"
STERLING	18"

NOTES:

- CORPORATION STOP WITH STRAIGHT COUPLING NUT. SERVICE SADDLES WILL BE USED FOR ALL TAPS IN A/C, PVC OR CONCRETE MAINS.
- 18" I.D. CHAMBER FOR USE WITH 5/8" METER. 20" I.D. CHAMBER FOR USE WITH 1" METER. SQUARE METER BOXES MAY BE USED IF LOCAL PREFERENCE EXISTS.
- METER BOX LOCATION TO BE DETERMINED BY LOCAL AUTHORITY AND AWW.
- SERVICE LINE AND METER BOX OWNERSHIP VARIES BY LOCAL TARIFF.
- IN HEAVY FROST AREAS, A PLASTIC INNER LID AND BLANKET CAN BE USED.
- CONNECTIONS BETWEEN PIPE LENGTHS SHALL BE COMPRESSION OR FLARE AND MAY DEPEND ON LOCAL PLUMBING REQUIREMENT.

AMERICAN WATER STANDARD CIVIL 3/4\"/>

LAYOUT	2/3/23
DRAWN	2/3/23
REVIEWED	2/3/23
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LJB	

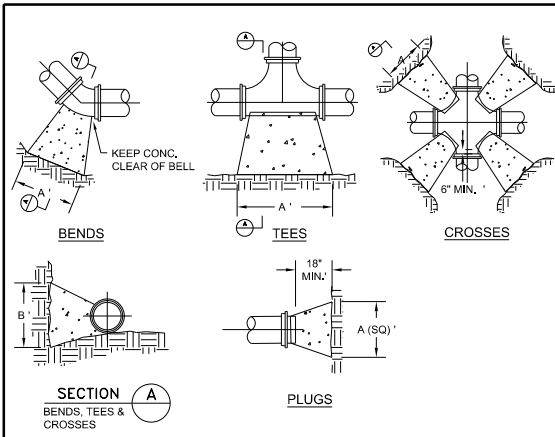
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 WATER MAIN DETAILS**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	102
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- COVER OVER TOP OF PIPE SHALL BE BELOW FROST LINE OR 30" MINIMUM, 72" MAXIMUM ACCORDING TO REGULATORY REQUIREMENTS, IF GRADING PLANS RECEIVED BY THE ENGINEER/OWNER WITH THE REQUEST FOR WATER MAIN LAYOUT. INDICATE ADJUSTMENTS TO EXISTING GRADE, THEN PIPE SHALL BE INSTALLED TO MEET MINIMUM AND MAXIMUM COVER FROM PROPOSED GRADES SHOWN ON SAID PLANS.
 - THRUST BLOCKS SHALL BE BUILT AGAINST UNDISTURBED SOIL WITH ADEQUATE BACKING TO PREVENT MOVEMENT OF FITTING.
 - NO THRUST BLOCKS TO BE PLACED IN SEWER LATERAL DITCHES.
 - THRUST BLOCKING MUST FIT IN EASEMENT, IN SOME CASES ADDITIONAL RESTRAINT MAY BE REQUIRED.
 - BASED ON 200 PSI (150 PSI STATIC PRESSURE PLUS 50 PSI WATER HAMMER) AND 2000 PSF SOIL BEARING.
 - POLYETHYLENE ENCASEMENT ON ALL D.I. PIPE AND FITTINGS.
 - PIPE JOINTS AND BOLTS MUST BE ACCESSIBLE.
 - ALLOW SUFFICIENT CLEARANCE BETWEEN CONCRETE AND BOLTS FOR FUTURE MAINTENANCE.
 - ALL ANCHOR BOLTS SHALL BE COR-BLUE, MINIMUM 1/2" DIAMETER, COAT EXPOSED ROD WITH ASPHALT CEMENT AFTER CONCRETE HAS SET.
 - ALL M.J. AND FLG. FITTINGS TO RECEIVE THRUST BLOCKS SHALL HAVE THE FASTENER AREAS FELT WRAPPED AND TAPED PRIOR TO THE CONCRETE POUR TO ALLOW FUTURE ACCESS TO THE FASTENERS AT THE JOINTS.
 - THRUST BLOCKING DETAILS ARE SHOWN HERE FOR TYPICAL INSTALLATIONS, IN SOME CASES, ADDITIONAL RESTRAINT MAY BE REQUIRED.
 - PORTLAND CEMENT CONCRETE USED FOR THRUST BLOCKS SHALL BE MIN 3000 PSI CONCRETE.
 - FOR UNSTABLE SOIL CONDITIONS, CHECK WITH ENGINEER FOR THRUST BLOCK DIMENSIONS.
 - FOR MAIN SIZES GREATER THAN 16", SEE ENGINEER FOR THRUST BLOCK DIMENSIONS.

PIPE SIZE (in)	90 DEGREE BENDS			45 DEGREE BENDS			11.25 DEGREE BENDS			TEE SPLICES		
	AREA (sq ft)	"A"	"B"	AREA (sq ft)	"A"	"B"	AREA (sq ft)	"A"	"B"	AREA (sq ft)	"A"	"B"
6	5.3	4.7	19"	2.5	2.3	18"	0.1	0"	18"	1.5	1.5	18"
8	9.2	5.5	24"	5.0	3.0	24"	1.3	0"	24"	2.5	1.5	24"
10	13.0	6.5	30"	7.5	3.5	30"	1.9	0"	30"	3.8	1.9	30"
12	18.4	7.8	36"	10.0	4.2	36"	2.1	1.1	36"	5.3	2.1	36"
14	25.0	8.9	42"	14.0	4.8	42"	3.0	1.2	42"	7.2	2.5	42"
16	33.7	10.1	48"	18.3	5.5	48"	4.1	1.4	48"	9.4	2.9	48"

Area in square feet "A" and "B" in inches
 Bearing table area is based on 200 psi maximum with soil bearing capacity of 2000 lbs/square foot.
 For higher water pressures or lower soil pressures, consult Engineer for adjustments.
 Bearing table area does not include a safety factor.
 A safety factor and additional bearing area may be required as directed by the Engineer.

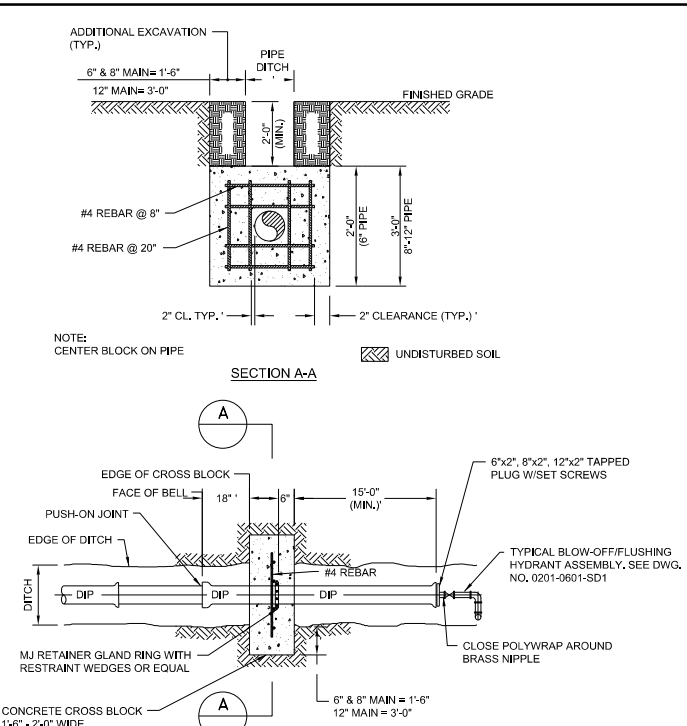
AMERICAN WATER STANDARD
CIVIL
THRUST BLOCK DETAILS

AMERICAN WATER ENGINEERING
 210 GARFIELD LANE
 DELAN, NJ 08034

AMERICAN WATER
 VOORHEES, NJ 08043

DRAWN BY: RJB
 PROJECT ENGINEER
 DATE: 06/22/09
 PROJECT #P: 0201-0601-SD6

USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES



AMERICAN WATER STANDARD
CIVIL
DEAD-END AND CROSS BLOCKING DETAIL

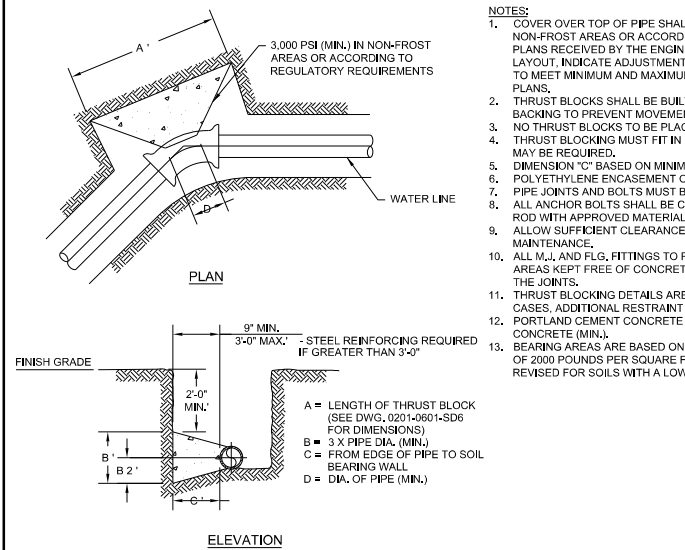
AMERICAN WATER ENGINEERING
 210 GARFIELD LANE
 DELAN, NJ 08034

AMERICAN WATER
 VOORHEES, NJ 08043

REVISIONS
 06-22-09
 TEXT "RVC" CHANGED TO "RVP" AND "C" DIMENSION CHANGED TO "18"

DRAWN BY: RJB
 PROJECT ENGINEER
 DATE: 06/24/07
 PROJECT #P: 0201-0601-SD13

USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES



- NOTES:**
- COVER OVER TOP OF PIPE SHALL BE BELOW FROST LINE OR MINIMUM 30" IN NON-FROST AREAS OR ACCORDING TO REGULATORY REQUIREMENTS, IF GRADING PLANS RECEIVED BY THE ENGINEER/OWNER WITH THE REQUEST FOR WATER MAIN LAYOUT. INDICATE ADJUSTMENTS TO EXISTING GRADE, THEN PIPE SHALL BE INSTALLED TO MEET MINIMUM AND MAXIMUM COVER FROM PROPOSED GRADES SHOWN ON SAID PLANS.
 - THRUST BLOCKS SHALL BE BUILT AGAINST UNDISTURBED SOIL WITH ADEQUATE BACKING TO PREVENT MOVEMENT OF FITTING.
 - NO THRUST BLOCKS TO BE PLACED IN SEWER LATERAL DITCHES.
 - THRUST BLOCKING MUST FIT IN EASEMENT, IN SOME CASES ADDITIONAL RESTRAINT MAY BE REQUIRED.
 - DIMENSION "C" BASED ON MINIMUM BEARING AREA, 18" MINIMUM.
 - POLYETHYLENE ENCASEMENT ON ALL D.I. PIPE AND FITTINGS.
 - PIPE JOINTS AND BOLTS MUST BE ACCESSIBLE.
 - ALL ANCHOR BOLTS SHALL BE COR-BLUE, MINIMUM 1/2" DIAMETER, COAT EXPOSED ROD WITH APPROVED MATERIAL AFTER CONCRETE HAS SET.
 - ALLOW SUFFICIENT CLEARANCE BETWEEN CONCRETE AND BOLTS FOR FUTURE MAINTENANCE.
 - ALL M.J. AND FLG. FITTINGS TO RECEIVE THRUST BLOCKS SHALL HAVE THE FASTENER AREAS KEPT FREE OF CONCRETE TO ALLOW FUTURE ACCESS TO THE FASTENERS AT THE JOINTS.
 - THRUST BLOCKING DETAILS ARE SHOWN HERE FOR TYPICAL INSTALLATIONS, IN SOME CASES, ADDITIONAL RESTRAINT MAY BE REQUIRED.
 - PORTLAND CEMENT CONCRETE USED FOR THRUST BLOCKS SHALL BE 3000 PSI CONCRETE (MIN.).
 - BEARING AREAS ARE BASED ON SOIL HAVING AN ALLOWABLE SAFE LATERAL BEARING OF 2000 POUNDS PER SQUARE FOOT AND 200 PSI TEST PRESSURE, AREA MUST BE REVISED FOR SOILS WITH A LOWER BEARING CAPACITY OR HIGHER TEST PRESSURE.

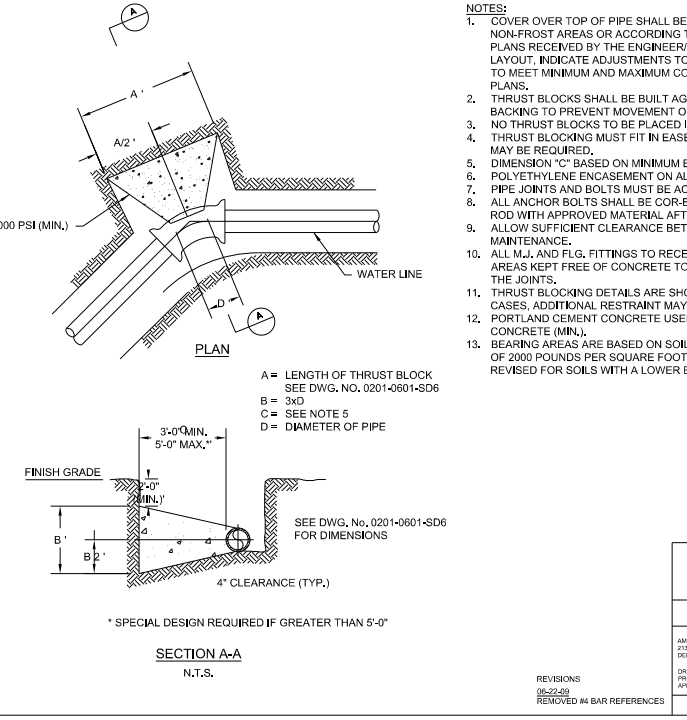
AMERICAN WATER STANDARD
CIVIL
THRUST BLOCK AT HORIZONTAL BENDS (LESS THAN 3 FEET IN THICKNESS)-DETAIL

AMERICAN WATER ENGINEERING
 210 GARFIELD LANE
 DELAN, NJ 08034

AMERICAN WATER
 VOORHEES, NJ 08043

DRAWN BY: RJB
 PROJECT ENGINEER
 DATE: 06/24/09
 PROJECT #P: 0201-0601-SD19

USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES



AMERICAN WATER STANDARD
CIVIL
THRUST BLOCK AT HORIZONTAL BENDS (EXCEEDING 3 FT. IN THICKNESS) - DETAIL

AMERICAN WATER ENGINEERING
 210 GARFIELD LANE
 DELAN, NJ 08034

AMERICAN WATER
 VOORHEES, NJ 08043

REVISIONS
 06-22-09
 REMOVED #4 BAR REFERENCES

DRAWN BY: RJB
 PROJECT ENGINEER
 DATE: 06/24/09
 PROJECT #P: 0201-0601-SD20

USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES

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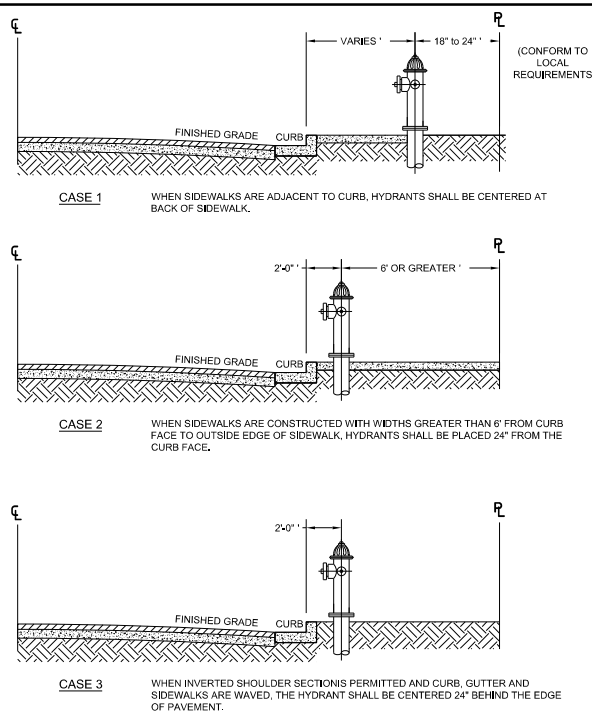
LAYOUT	2/3/23
DRAWN	2/3/23
REVIEWED	2/3/23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET
WATER MAIN DETAILS

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	103
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



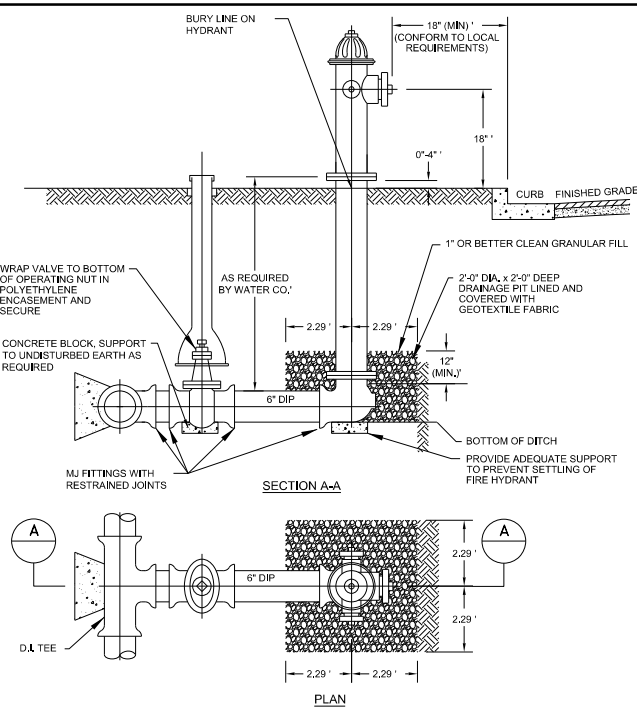
- NOTES:**
- REQUIREMENTS OF LOCAL AUTHORITY HAVING JURISDICTION SHALL PREVAIL. IN THEIR ABSENCE, THE INSTALLATIONS SHOWN MAY BE USED.
 - EXACT HYDRANT LOCATION TO BE FIELD DETERMINED BY LOCAL AUTHORITY HAVING JURISDICTION.

AMERICAN WATER STANDARD CIVIL FIRE HYDRANT LOCATION DETAIL

ILLINOIS AMERICAN WATER BELLEVILLE, IL 62209

DRAWN BY: JMM PROJECT ENGINEER APPROVED DATE: 2/3/23 PROJECT # 0201-0601-H12

USE APPROVED DRAWINGS ONLY FOR CONTRACTOR PURPOSES



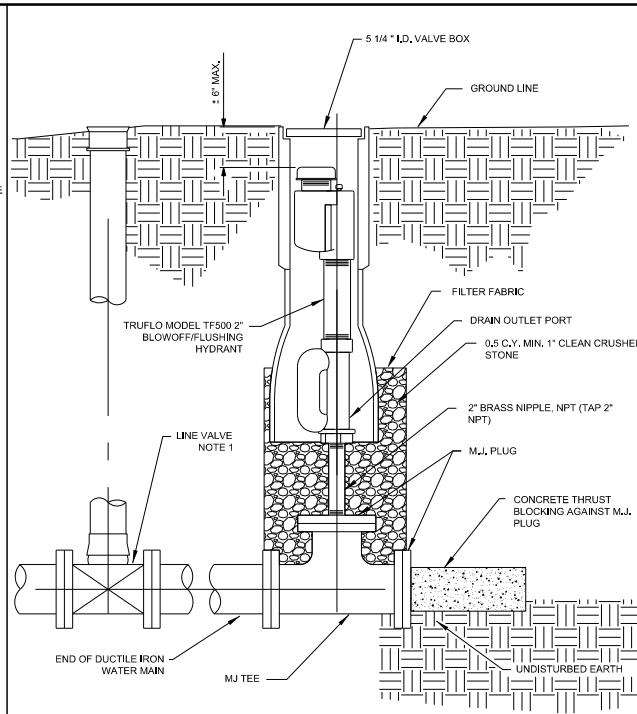
- NOTES:**
- CONTRACTOR TO SUBMIT RESTRAINED DESIGN.
 - PAINT HYDRANT TO BURY LINE (AND CAN BE DONE PRIOR TO INSTALLATION).
 - APPLY TOUCH UP PAINT AS REQUIRED AFTER INSTALLATION.
 - OPTION IS TO USE M J SWIVEL TEE TO CONNECT DIRECTLY TO M J 6" HYDRANT VALVE.
 - D I TEE AND VALVE CAN BE REPLACED WITH A TAPPING SLEEVE AND VALVE.
 - THE USE OF AN ANCHOR TEE IS ACCEPTABLE.

AMERICAN WATER STANDARD CIVIL DRY BARREL FIRE HYDRANT DETAIL

ILLINOIS AMERICAN WATER BELLEVILLE, IL 62209

DRAWN BY: JMM PROJECT ENGINEER APPROVED DATE: 2/3/23 PROJECT # 0201-0601-SD31

USE APPROVED DRAWINGS ONLY FOR CONTRACTOR PURPOSES



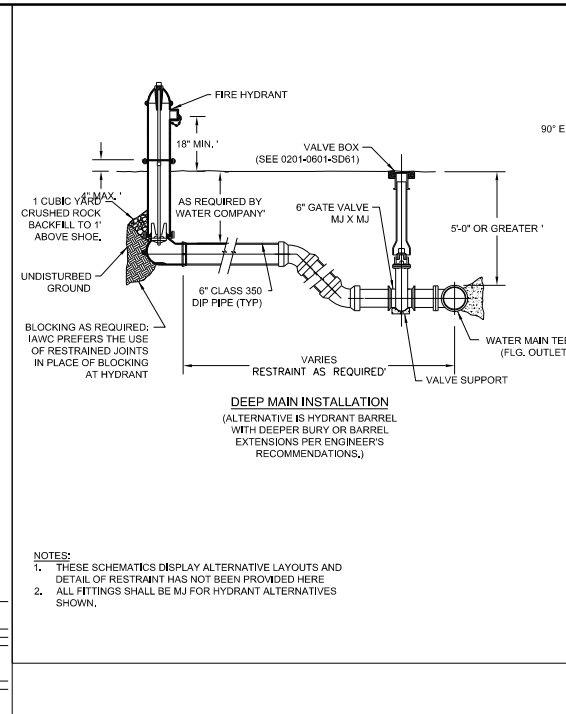
- NOTES:**
- LINE VALVE REQUIRES TWO (2) LENGTHS PRIOR TO BLOW-OFF.

AMERICAN WATER STANDARD CIVIL PERMANENT BLOW-OFF ASSEMBLY DETAIL

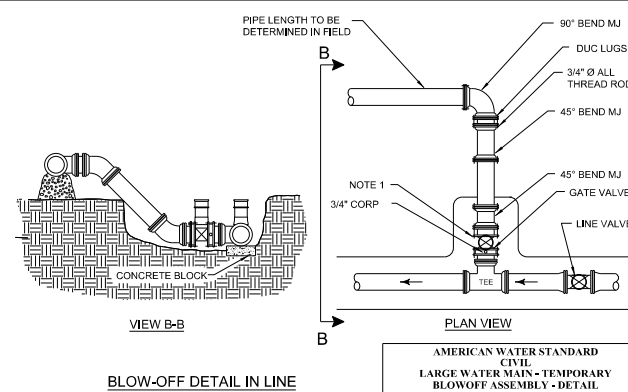
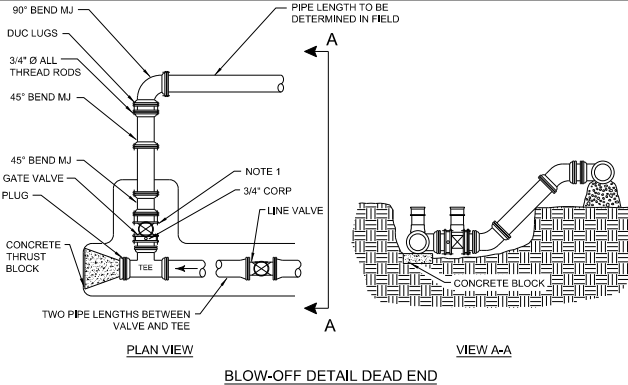
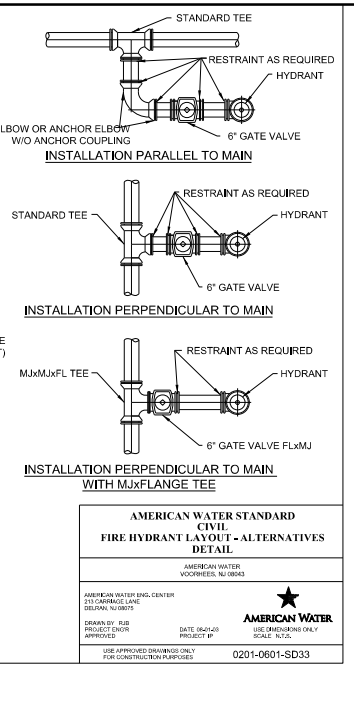
ILLINOIS AMERICAN WATER BELLEVILLE, IL 62209

DRAWN BY: JMM PROJECT ENGINEER APPROVED DATE: 2/3/23 PROJECT # 0201-0601-H18

USE APPROVED DRAWINGS ONLY FOR CONTRACTOR PURPOSES



- NOTES:**
- THESE SCHEMATICS DISPLAY ALTERNATIVE LAYOUTS AND DETAIL OF RESTRAINT HAS NOT BEEN PROVIDED HERE
 - ALL FITTINGS SHALL BE M J FOR HYDRANT ALTERNATIVES SHOWN.



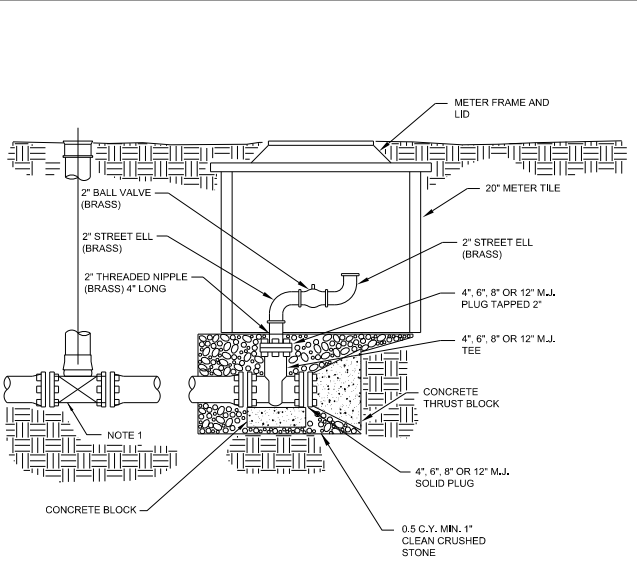
- NOTES:**
- INSTALL MECHANICAL JOINT PLUG IN GATE VALVE AFTER REMOVAL OF BLOWOFF ASSEMBLY.

AMERICAN WATER STANDARD CIVIL LARGE WATER MAIN - TEMPORARY BLOWOFF ASSEMBLY - DETAIL

ILLINOIS AMERICAN WATER BELLEVILLE, IL 62209

DRAWN BY: JMM PROJECT ENGINEER APPROVED DATE: 2/3/23 PROJECT # 0201-0601-H19

USE APPROVED DRAWINGS ONLY FOR CONTRACTOR PURPOSES



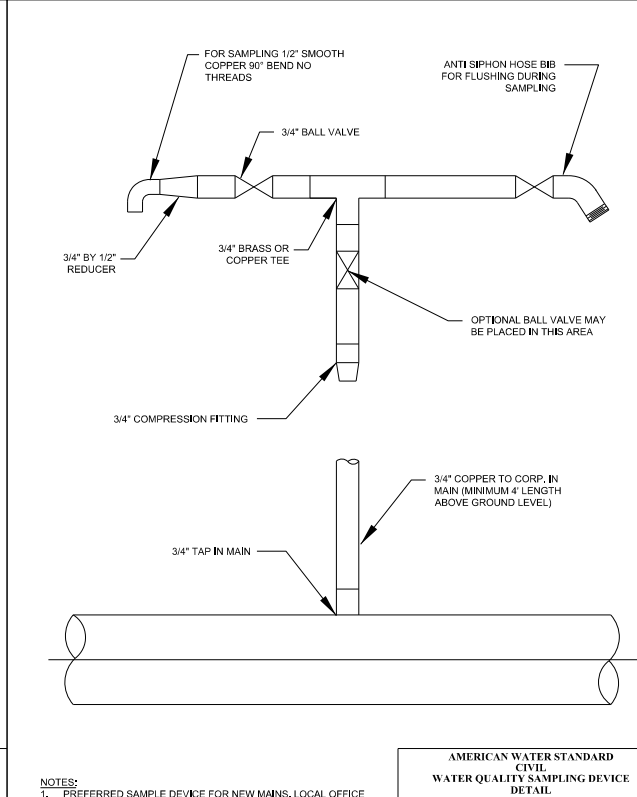
- NOTES:**
- LINE VALVE REQUIRED ONE (1) LENGTH PRIOR TO BLOW-OFF.

AMERICAN WATER STANDARD CIVIL PERMANENT BLOW-OFF ASSEMBLY (ALTERNATIVE) - DETAIL

ILLINOIS AMERICAN WATER BELLEVILLE, IL 62209

DRAWN BY: JMM PROJECT ENGINEER APPROVED DATE: 2/3/23 PROJECT # 0201-0601-H20

USE APPROVED DRAWINGS ONLY FOR CONTRACTOR PURPOSES



- NOTES:**
- PREFERRED SAMPLE DEVICE FOR NEW MAINS. LOCAL OFFICE MAY ALLOW AN APPROVED ALTERNATIVE.

AMERICAN WATER STANDARD CIVIL WATER QUALITY SAMPLING DEVICE DETAIL

ILLINOIS AMERICAN WATER BELLEVILLE, IL 62209

DRAWN BY: JMM PROJECT ENGINEER APPROVED DATE: 2/3/23 PROJECT # 0201-0601-H21

USE APPROVED DRAWINGS ONLY FOR CONTRACTOR PURPOSES

LAYOUT	2/3/23
DRAWN	2/3/23
REVIEWED	2/3/23

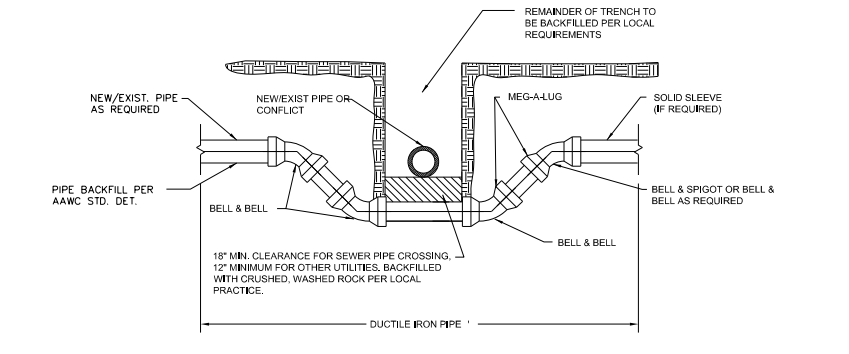
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		PLOT DATE = 2/3/2023	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

COURT STREET WATER MAIN DETAILS

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	104
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. ALL PIPE TO BE JOINT RESTRAINED.
 2. PIPE IS TO BE DUCTILE IRON, MINIMUM PRESSURE CLASS 350.
 3. ALL DUCTILE IRON PIPE SHALL BE POLYETHYLENE WRAPPED FOR THE ENTIRE LENGTH.
 4. BEGIN/END RESTRAINED JOINT STATIONING TO BE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. ALL BENDS & FITTINGS SHALL HAVE STATIONING AND ELEVATION SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. THE BOTTOM ELEVATION OF THE CONFLICT AND THE TOP ELEVATION OF THE DUCTILE IRON PIPE AT THE CENTERLINE OF THE CONFLICT SHALL BE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.
 5. SEPARATION REQUIREMENTS SHALL BE FOLLOWED WITH REGARD TO CONFLICT PIPE.

LEGEND:

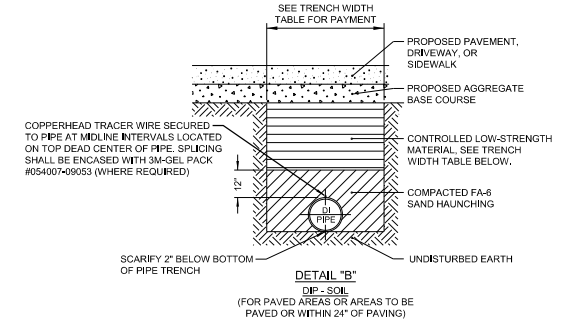
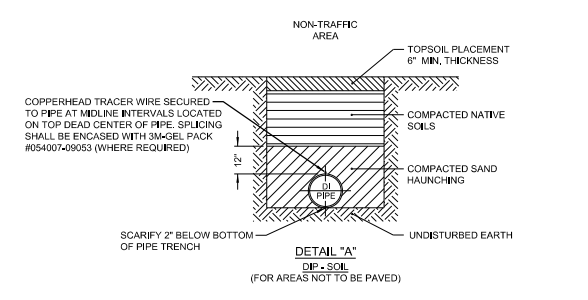
RESTRAINED JOINT

**AMERICAN WATER STANDARD
CIVIL
VERTICAL REALIGNMENT OF WATER MAINS
DETAIL**

AMERICAN WATER WORKS (A.W.W.)

DRAWN BY: RLB
PROJECT NO.: 03-0201-0601-SD42
DATE: 10/20/13
SCALE: N/A

AMERICAN WATER
USE DIMENSIONS ONLY FOR CONSTRUCTION PURPOSES



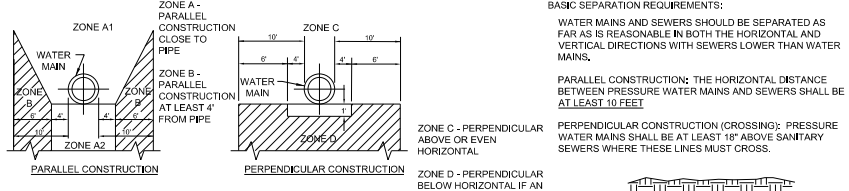
TRENCH WIDTH TABLE FOR PAYMENT

WATER PIPING SIZE	MAX. TRENCH WIDTH
1" TO 6"	2'-0"
8" AND 18"	3'-0"
GREATER THAN 5 FEET TRENCH DEPTH	
WATER PIPING SIZE	MAX. TRENCH WIDTH
1" TO 6"	2'-0"
8" AND 18"	3'-0"

- NOTES:**
1. POLYETHYLENE ENCASEMENT ON ALL D.I. PIPE, FITTINGS, VALVES & APPURTENANCES IN CORROSIVE SOILS.
 2. THE FA-6 SAND FOR HAUNCHING 12" ABOVE PIPE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PIPE PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
 3. THE CONTROLLED LOW-STRENGTH MATERIAL WILL BE PAID FOR IN ACCORDANCE WITH SECTION 2210 OF ILLINOIS STANDARD SPECIFICATIONS AND THE TRENCH WIDTH TABLE.

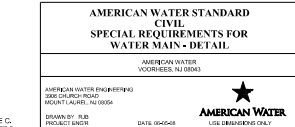
TRENCH BACKFILL DETAIL FOR WATER PIPING

SPECIAL CONSTRUCTION REQUIREMENTS
WHERE REQUIRED WATER MAIN SEPARATION FROM SEWER CANNOT BE MAINTAINED



IF AN EXISTING SEWER IS LOCATED WITHIN ZONES A1, A2, B, C, OR D OF A PROPOSED WATER MAIN, THE FOLLOWING SPECIAL REQUIREMENTS APPLY:

- ZONE**
- NO WATER MAINS SHALL BE CONSTRUCTED WITHOUT SPECIAL PERMISSION FROM THE APPROPRIATE HEALTH OR ENVIRONMENTAL REGULATOR.
 - IF THE SEWER DOES NOT MEET ZONE B REQUIREMENTS, THE WATER MAIN SHALL BE OF PRESSURE CLASS 200 PIPE FOR PVC AND CLASS 350 FOR D.I. PIPE. SEWER SHALL BE CONSTRUCTED EQUAL TO WATER PIPE AND TESTED FOR WATER TIGHTNESS.
 - NO WATER MAINS SHALL BE CONSTRUCTED WITHOUT SPECIAL PERMISSION FROM THE HEALTH REGULATOR. IF PERMISSION IS GRANTED, THE SEWER PIPE SHALL BE ENCASED AND/OR REPLACED WITH WATER MAIN GRADE PIPE AND THE WATER MAIN SHALL BE OF CLASS 200 PIPE OR EQUIVALENT.

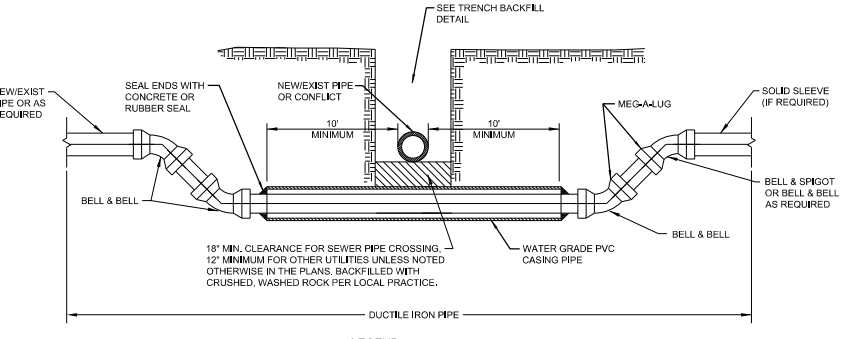


**AMERICAN WATER STANDARD
CIVIL
SPECIAL REQUIREMENTS FOR WATER MAIN - DETAIL**

AMERICAN WATER WORKS (A.W.W.)

DRAWN BY: RLB
PROJECT NO.: 03-0201-0601-SD43
DATE: 10/20/13
SCALE: N/A

AMERICAN WATER
USE DIMENSIONS ONLY FOR CONSTRUCTION PURPOSES

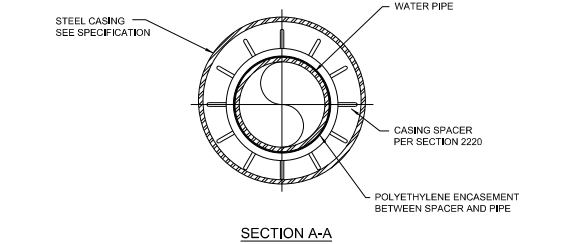
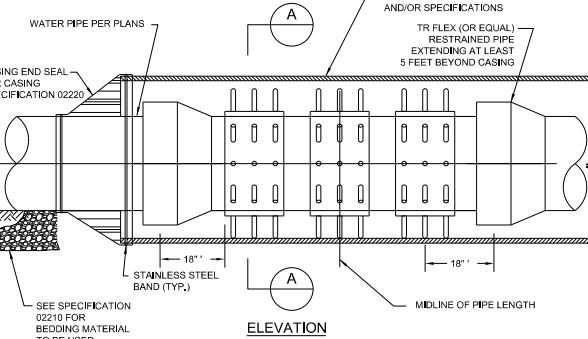


- NOTES:**
1. ALL PIPE TO BE JOINT RESTRAINED.
 2. PIPE IS TO BE DUCTILE IRON, MINIMUM PRESSURE CLASS 350.
 3. ALL DUCTILE IRON PIPE SHALL BE POLYETHYLENE WRAPPED FOR THE ENTIRE LENGTH.
 4. BEGIN/END RESTRAINED JOINT STATIONING TO BE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. ALL BENDS & FITTINGS SHALL HAVE STATIONING AND ELEVATION SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. THE BOTTOM ELEVATION OF THE CONFLICT AND THE TOP ELEVATION OF THE DUCTILE IRON PIPE AT THE CENTERLINE OF THE CONFLICT SHALL BE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.
 5. SEPARATION REQUIREMENTS SHALL BE FOLLOWED WITH REGARD TO CONFLICT PIPE.
 6. PVC CASING PIPE TO BE WATER GRADE GASKETED SDR-26 PIPE.
 7. THE PVC CASING PIPE AND SEALING THE PIPE ENDS WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PVC CASING PIPE (SIZE SPECIFIED IN THE PLANS).
 8. FOLLOW TRENCH BACKFILL DETAIL WHEN BACK-FILLING WATER MAIN.
 9. THE SELECTED OPTION MUST BE APPROVED BY AN ILL-AWC REPRESENTATIVE AND THE RESIDENT ENGINEER.

OPTION A - PRESSURE CLASS SEWER MAIN

OPTION B - WATER MAIN CASING INSTALLATION

VERTICAL REALIGNMENT OF WATER MAIN CROSSING UNDER SEWER AND PVC CASING PIPE DETAIL



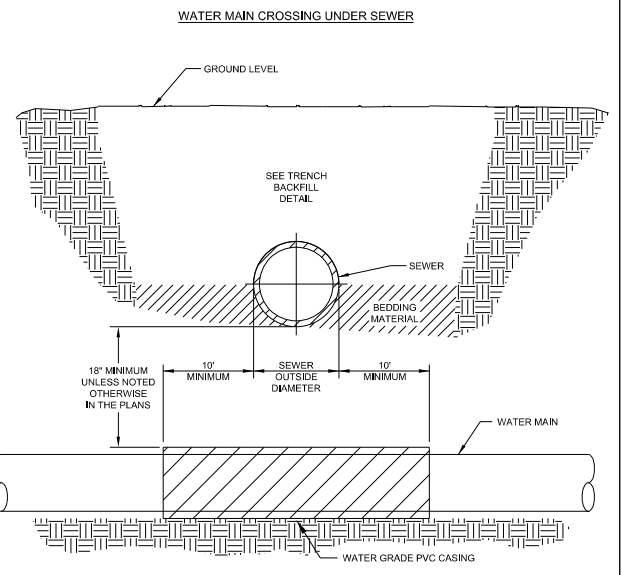
- NOTES:**
1. THIS STANDARD APPLICABLE FOR 4" DIA. AND LARGER PIPE.
 2. RESTRAINT OR EQUALS DEFINED AS REQUIRING NO SPECIAL TOOLS OR SHIMS TO REMOVE PIPE FROM CASING IN THE FUTURE.

**AMERICAN WATER STANDARD
CIVIL
CASING INSTALLATION
DETAIL**

AMERICAN WATER WORKS (A.W.W.)

DRAWN BY: RLB
PROJECT NO.: 03-0201-0601-SD45
DATE: 10/20/13
SCALE: N/A

AMERICAN WATER
USE DIMENSIONS ONLY FOR CONSTRUCTION PURPOSES



OPTION A - PRESSURE CLASS SEWER MAIN

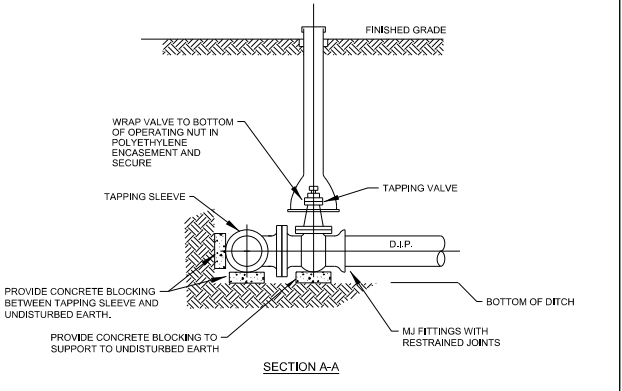
1. REPLACE EXISTING SEWER WITH A PRESSURE CLASS MAIN IN LIEU OF CASING THE WATER MAIN.
2. THE SEWER SHALL BE REPLACED A MINIMUM OF 10' EACH SIDE OF THE WATERMAIN.

OPTION B - WATER MAIN CASING INSTALLATION

1. PROVIDE ADEQUATE SUPPORT FOR THE EXISTING SEWER TO PREVENT DAMAGE DUE TO SETTLEMENT.

- NOTES:**
1. FOLLOW TRENCH BACKFILL DETAIL WHEN BACK-FILLING WATER MAIN.
 2. THE SELECTED OPTION MUST BE APPROVED BY AN ILL-AWC REPRESENTATIVE AND THE RESIDENT ENGINEER.

WATER MAIN CROSSING UNDER SEWER DETAIL



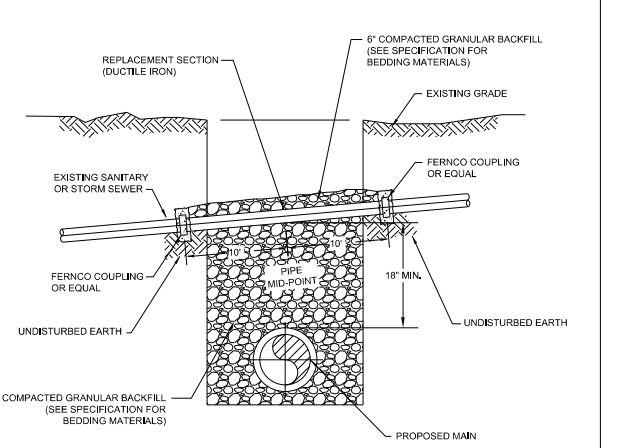
- NOTES:**
1. CONTRACTOR TO SUBMIT RESTRAINED DESIGN.
 2. SEE AMERICAN WATER DETAIL 03-0201-0601-SD6 FOR POURED CONCRETE DETAILS.

**AMERICAN WATER STANDARD
CIVIL
TAPPING SLEEVE AND VALVE BLOCKING
DETAIL**

AMERICAN WATER WORKS (A.W.W.)

DRAWN BY: RLB
PROJECT NO.: 03-0201-0601-SD46
DATE: 10/20/13
SCALE: N/A

AMERICAN WATER
USE DIMENSIONS ONLY FOR CONSTRUCTION PURPOSES



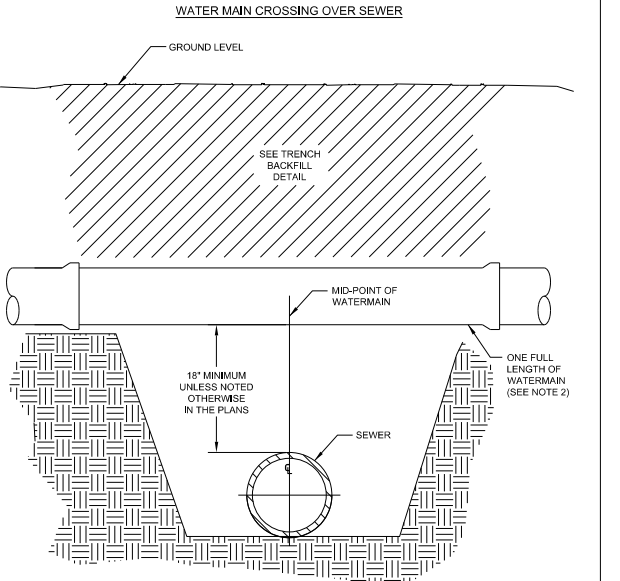
- NOTES:**
1. IF THE EXISTING SEWER IS DAMAGED OR REMOVED DURING CONSTRUCTION IT SHALL BE REPLACED ACROSS THE TRENCH SUCH THAT THE CONCRETE COLLARS ARE SUPPORTED ON UNDISTURBED EARTH.
 2. THE CONCRETE COLLAR SHALL BE FORMED AT A JOINT WITH THE EXISTING SEWER USING FERROCOUPLINGS.
 3. THE REPLACEMENT SECTION SHALL BE CLASS 350 DUCTILE IRON PIPE WITH AN INSIDE DIAMETER EQUAL TO THE EXISTING PIPE. ANSIAWWA C151/A21.51 DUCTILE IRON PIPE SHALL BE USED AS A MINIMUM STANDARD. WHEN THE SEWER OWNER HAS REQUIREMENTS WHICH ARE MORE STRINGENT, THE CONTRACTOR SHALL CONFORM TO THE MORE STRINGENT REQUIREMENTS AND MAKE NO CLAIM FOR ADDITIONAL COMPENSATION OR AN EXTENSION OF TIME BECAUSE OF SUCH REQUIREMENTS.

**AMERICAN WATER STANDARD
CIVIL
SEWER REPLACEMENT
DETAIL**

AMERICAN WATER WORKS (A.W.W.)

DRAWN BY: RLB
PROJECT NO.: 03-0201-0601-SD44
DATE: 10/20/13
SCALE: N/A

AMERICAN WATER
USE DIMENSIONS ONLY FOR CONSTRUCTION PURPOSES



OPTION A - PRESSURE CLASS SEWER MAIN (WHEN SEPARATION IS LESS THAN 18')

1. REPLACE EXISTING SEWER WITH A PRESSURE CLASS MAIN A MINIMUM OF 10' EACH SIDE OF THE WATER MAIN.

OPTION B - WATER MAIN INSTALLATION (WHEN SEPARATION IS EQUAL TO OR GREATER THAN 18')

1. MID-POINT OF ONE FULL LENGTH OF WATER MAIN IS TO BE CENTERED ABOVE SEWER LINE.
2. PROVIDE ADEQUATE SUPPORT FOR THE WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT.

- NOTES:**
1. FOLLOW TRENCH BACKFILL DETAIL WHEN BACK-FILLING WATER MAIN.
 2. THE SELECTED OPTION MUST BE APPROVED BY AN ILL-AWC REPRESENTATIVE AND THE RESIDENT ENGINEER.

WATER MAIN CROSSING OVER SEWER DETAIL

LAYOUT	2/3/23
DRAWN	RLA
REVIEWED	LJB

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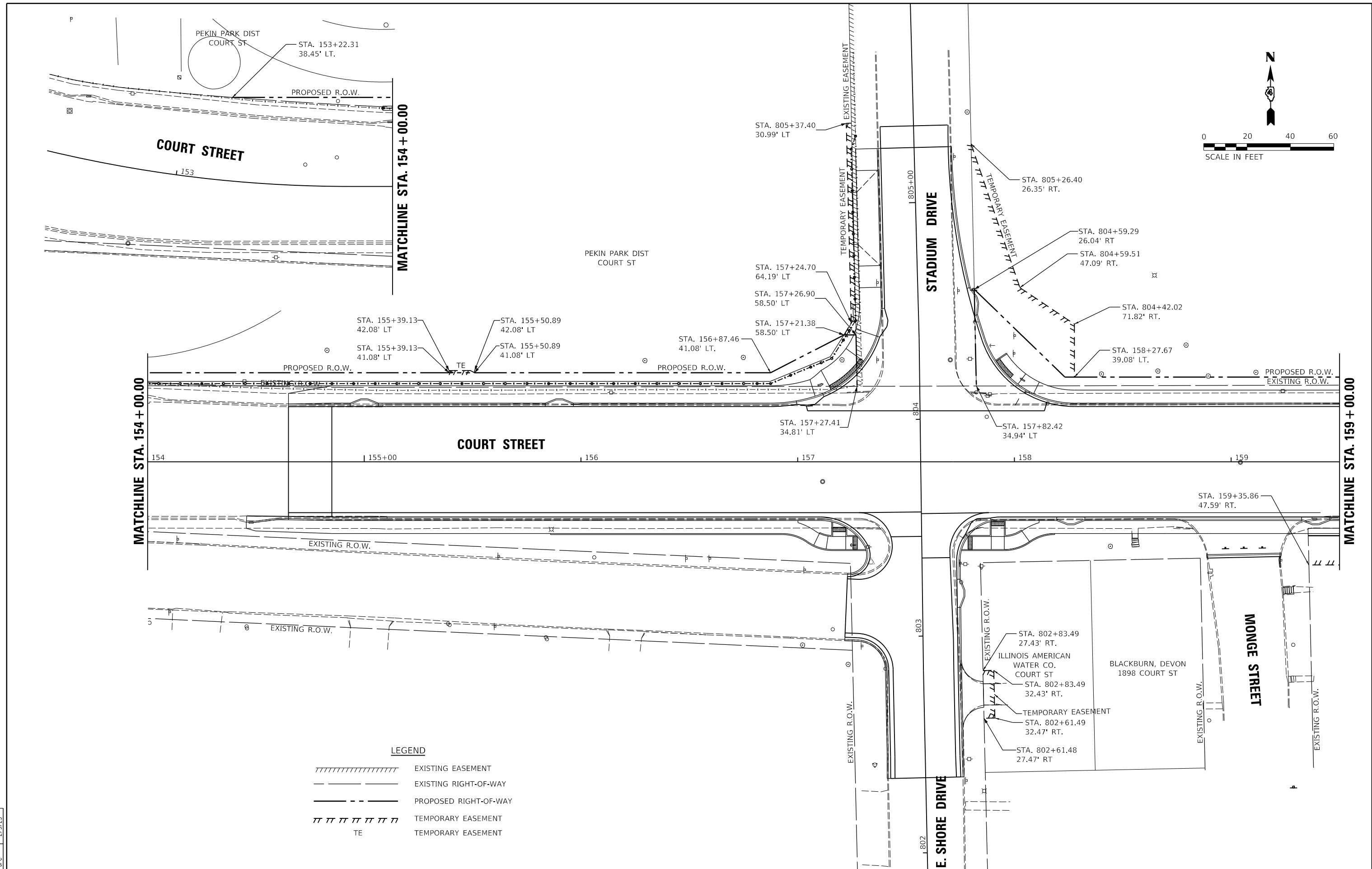
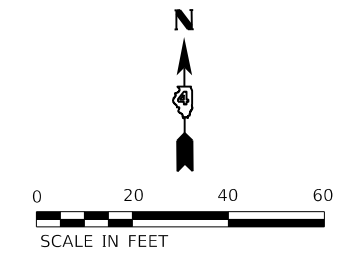
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: N/A	SHEET	OF	SHEETS	STA.	TO	STA.
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**COURT STREET
WATER MAIN DETAILS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	105
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



LEGEND

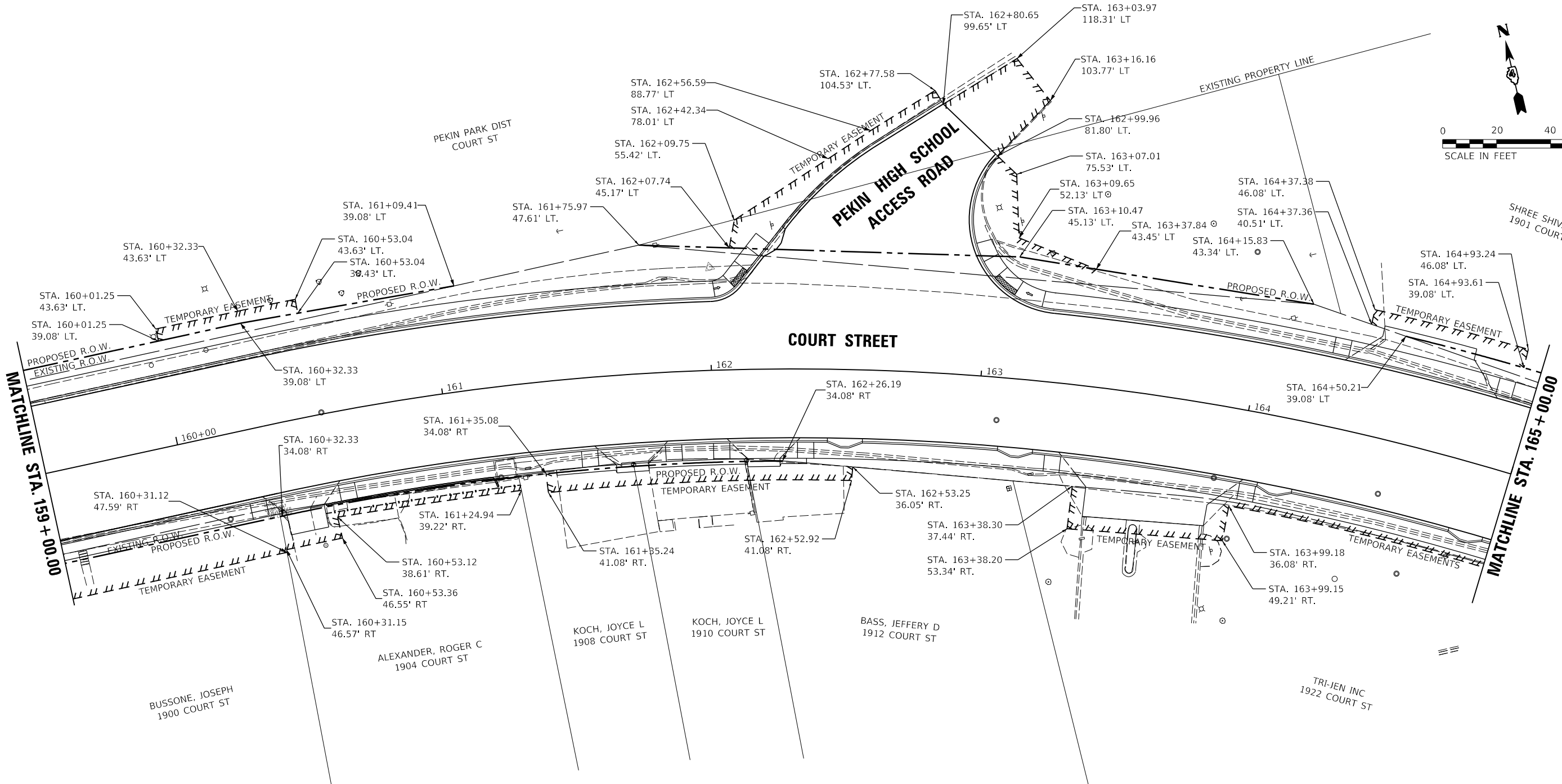
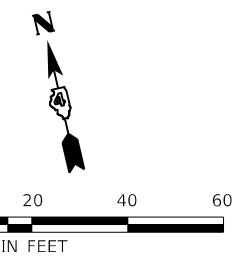
	EXISTING EASEMENT
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	TEMPORARY EASEMENT
	TEMPORARY EASEMENT

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COURT STREET RIGHT OF WAY PLANS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1"=20'	SHEET	693	20-00196-00-R5	TAZEWELL	254	106
STA.	TO STA.	CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT						



LEGEND

— — — — —	EXISTING RIGHT-OF-WAY
— — — — —	PROPOSED RIGHT-OF-WAY
	TEMPORARY EASEMENT

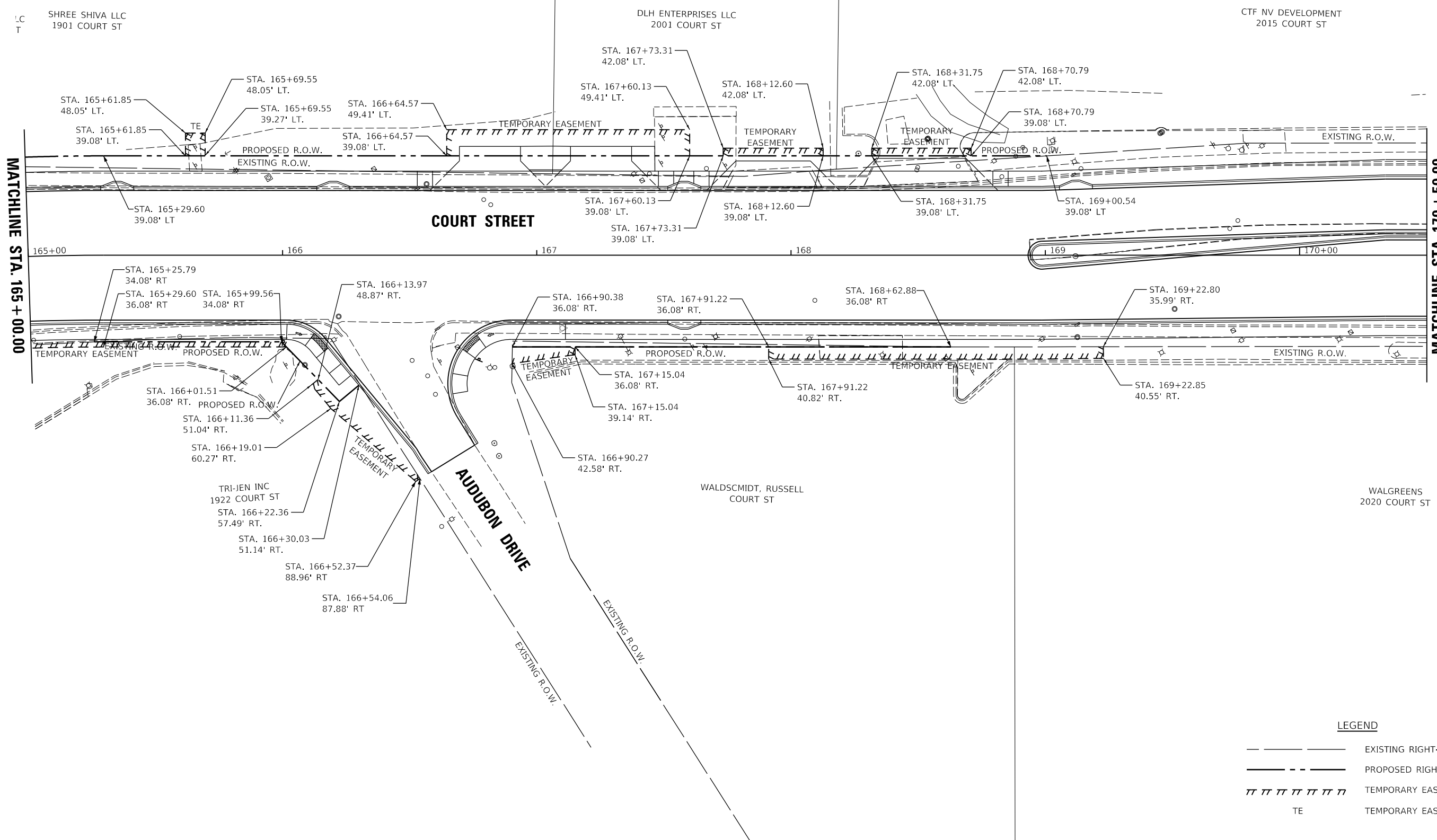
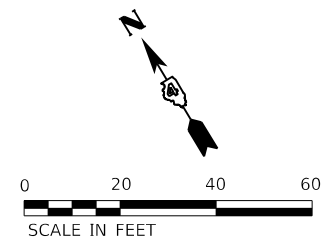
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DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COURT STREET RIGHT OF WAY PLANS			
SCALE: 1"=20'	SHEET	OF	SHEETS
STA.		TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	107
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



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LEGEND

- — — — — EXISTING RIGHT-OF-WAY
- — — — — PROPOSED RIGHT-OF-WAY
- ||||| TEMPORARY EASEMENT
- TE TEMPORARY EASEMENT

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

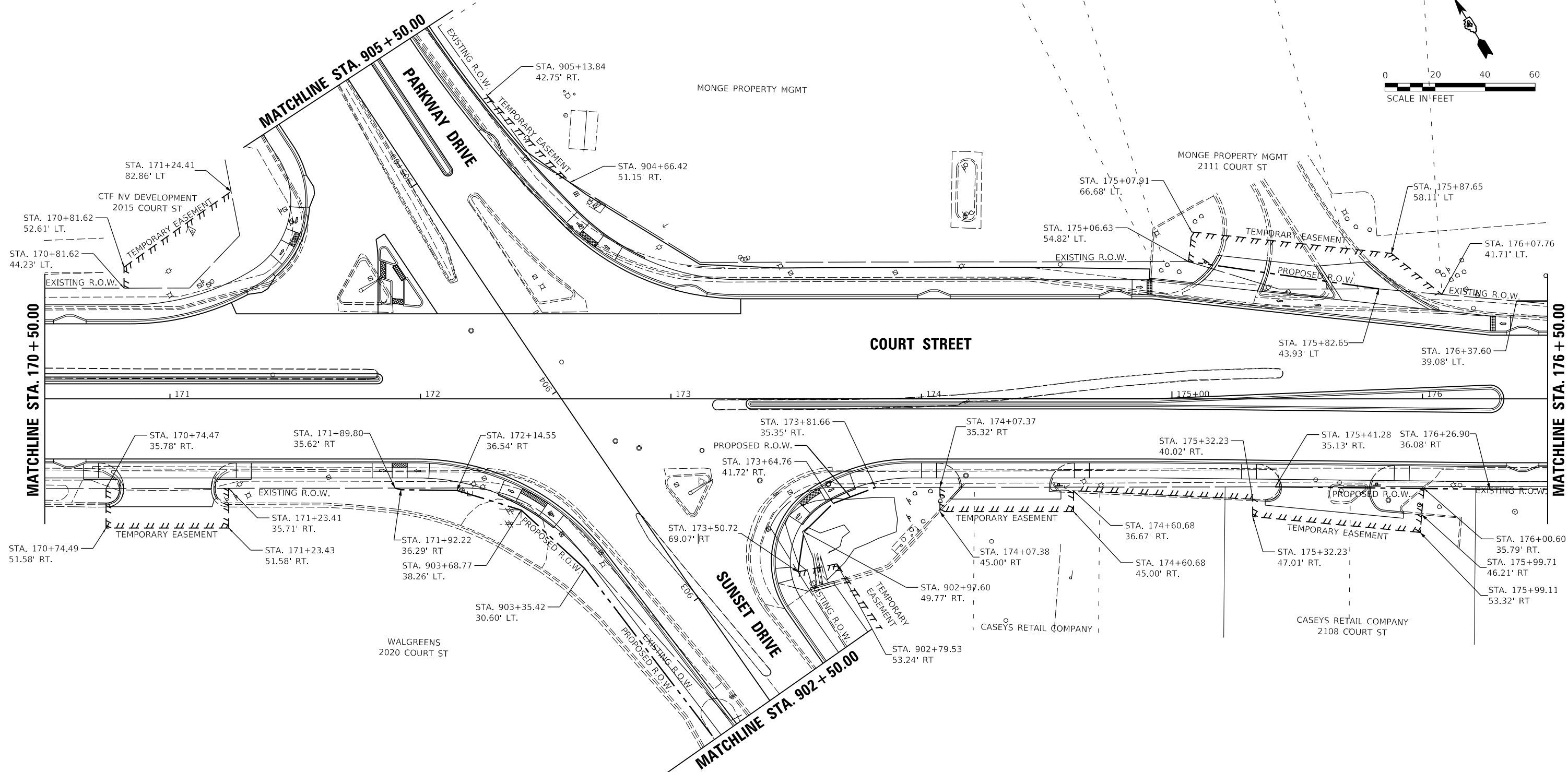
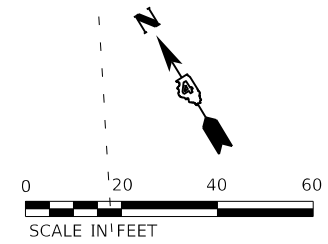
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		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COURT STREET
 RIGHT OF WAY PLANS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	108
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



LEGEND

- — — — — EXISTING RIGHT-OF-WAY
- - - - - PROPOSED RIGHT-OF-WAY
- ||||| TEMPORARY EASEMENT

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

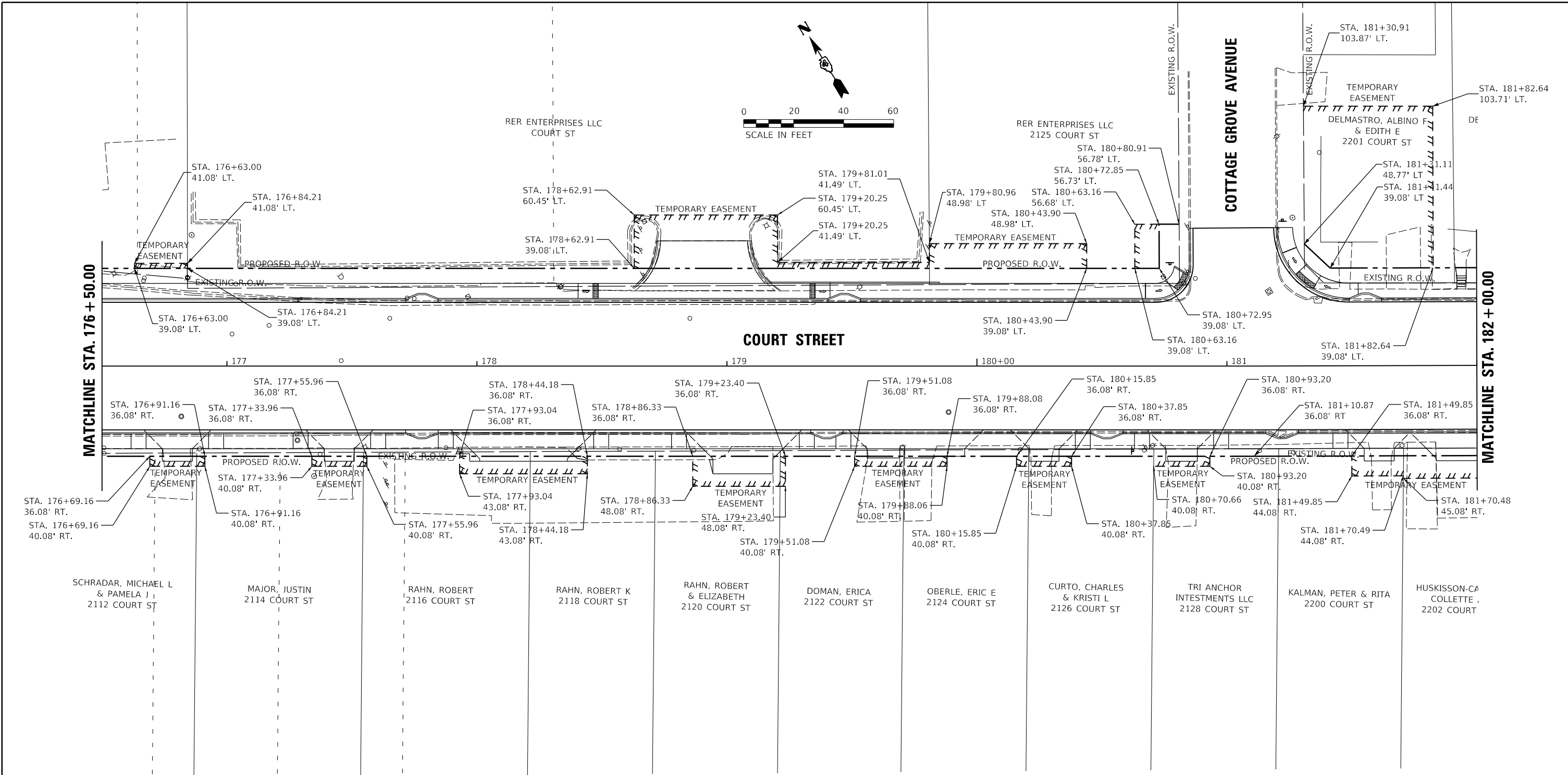
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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 RIGHT OF WAY PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	109
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



LEGEND

- — — — — EXISTING RIGHT-OF-WAY
- - - - - PROPOSED RIGHT-OF-WAY
- ||||| TEMPORARY EASEMENT

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

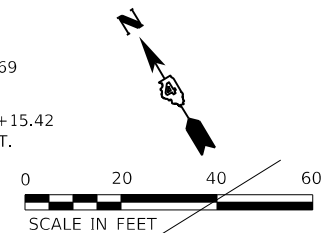
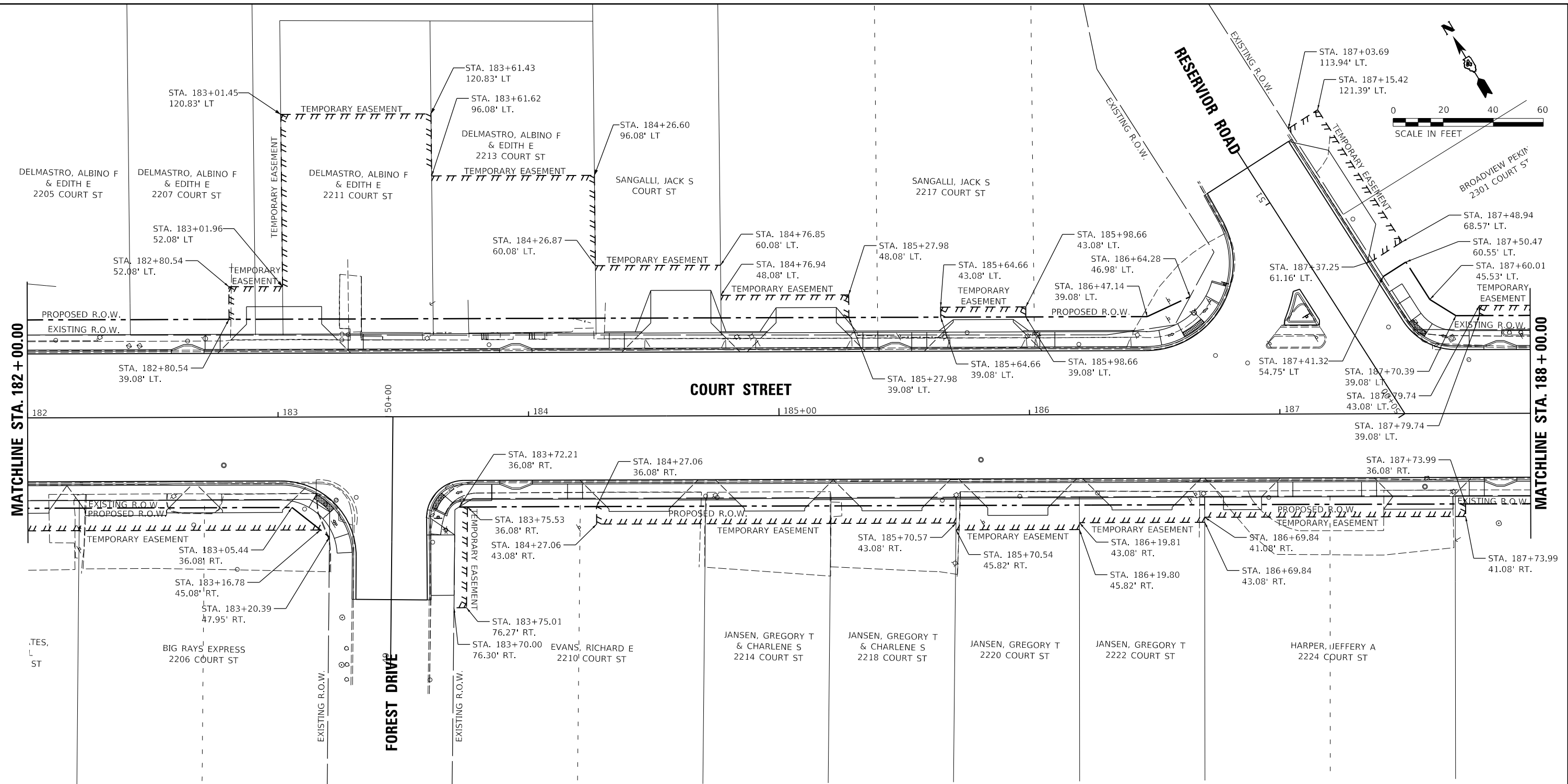
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	PLOT DATE = 2/3/2023	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 RIGHT OF WAY PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	110
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



LEGEND

- — — — — EXISTING RIGHT-OF-WAY
- - - - - PROPOSED RIGHT-OF-WAY
- ||||| TEMPORARY EASEMENT

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

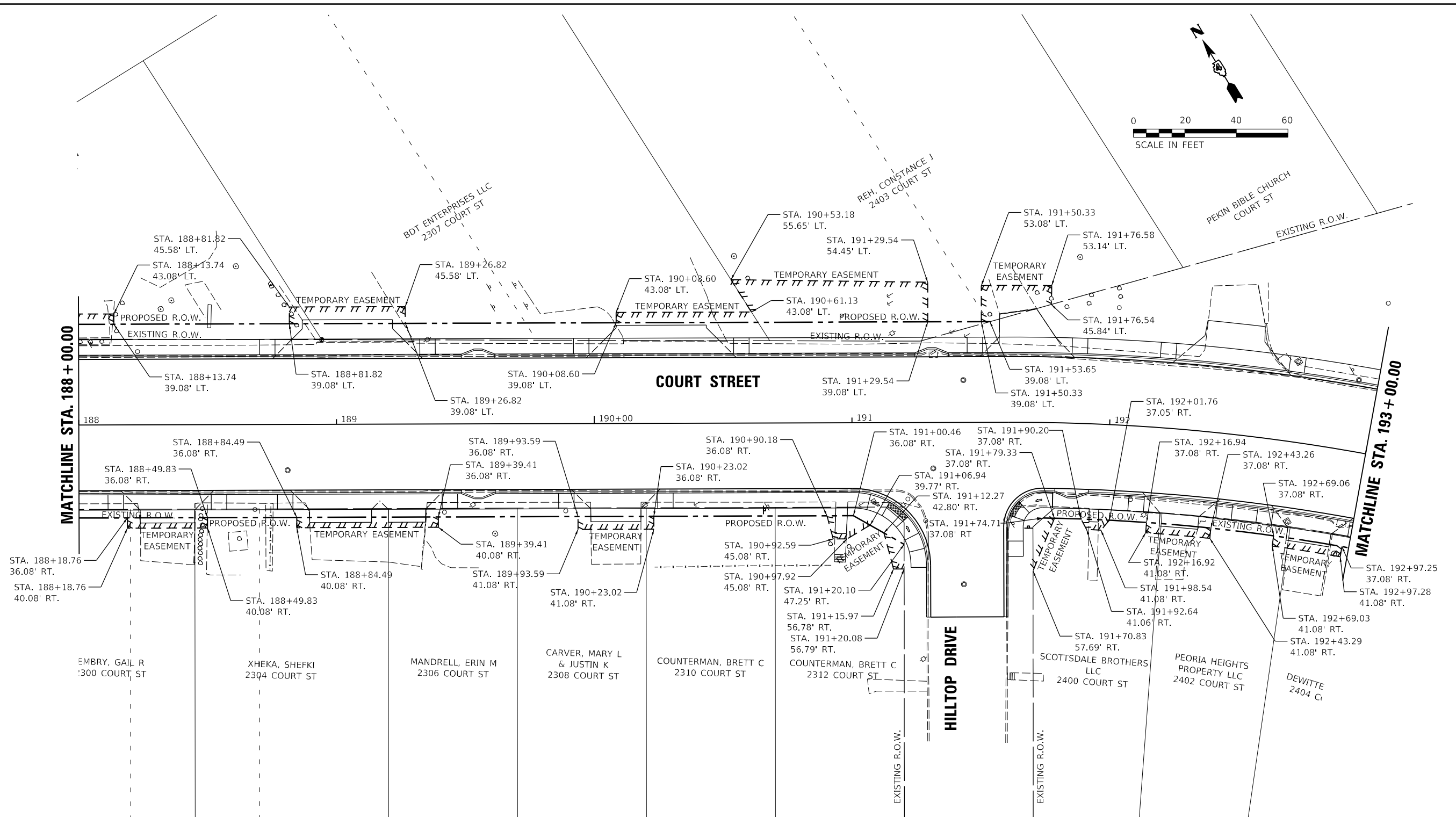
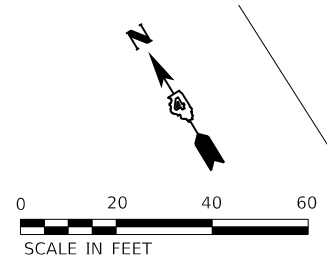
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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 RIGHT OF WAY PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	111
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



LEGEND

- — — — — EXISTING RIGHT-OF-WAY
- - - - - PROPOSED RIGHT-OF-WAY
- ||||| TEMPORARY EASEMENT

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

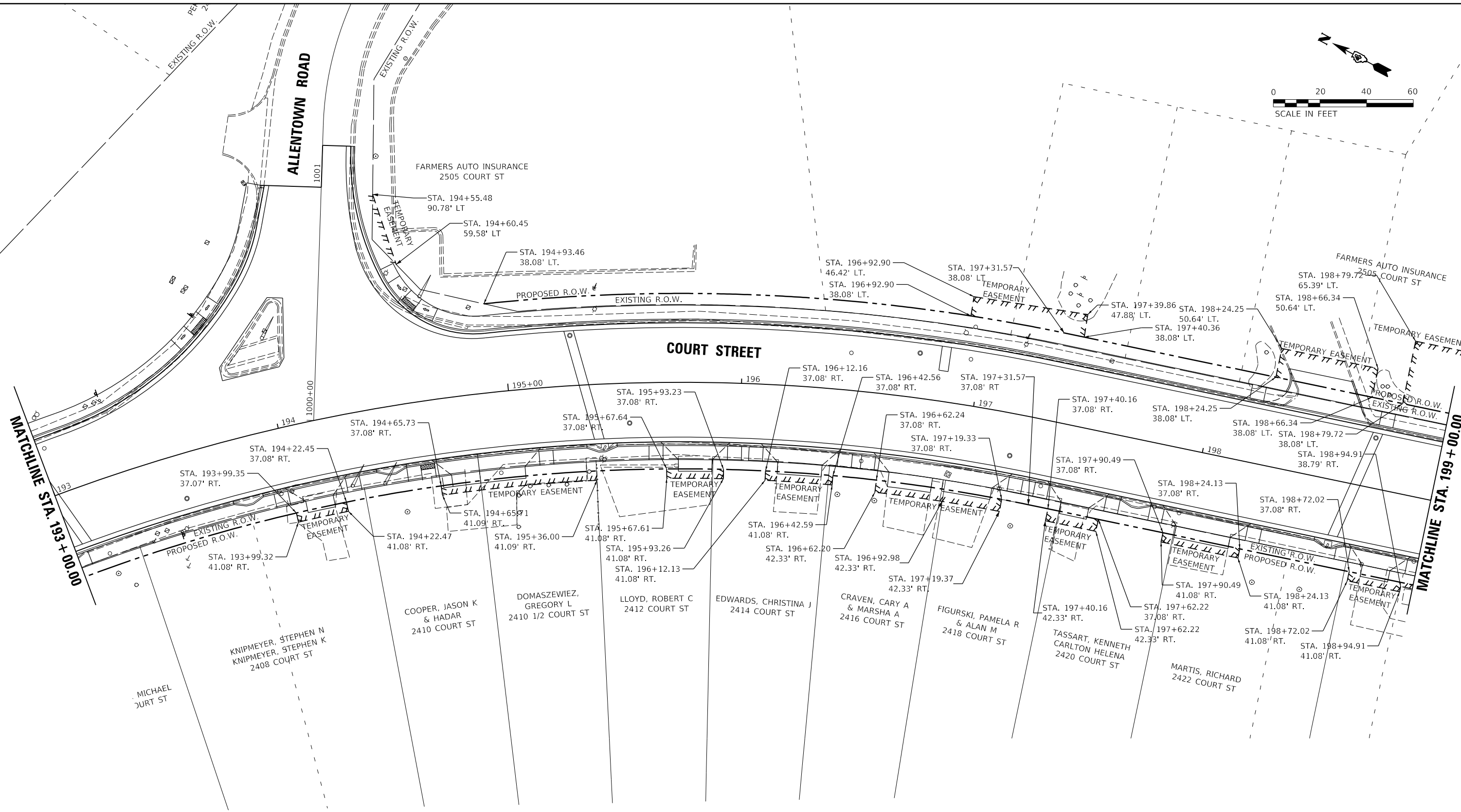
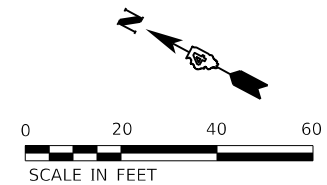
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 RIGHT OF WAY PLANS**

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

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	112
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



LEGEND

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	TEMPORARY EASEMENT

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

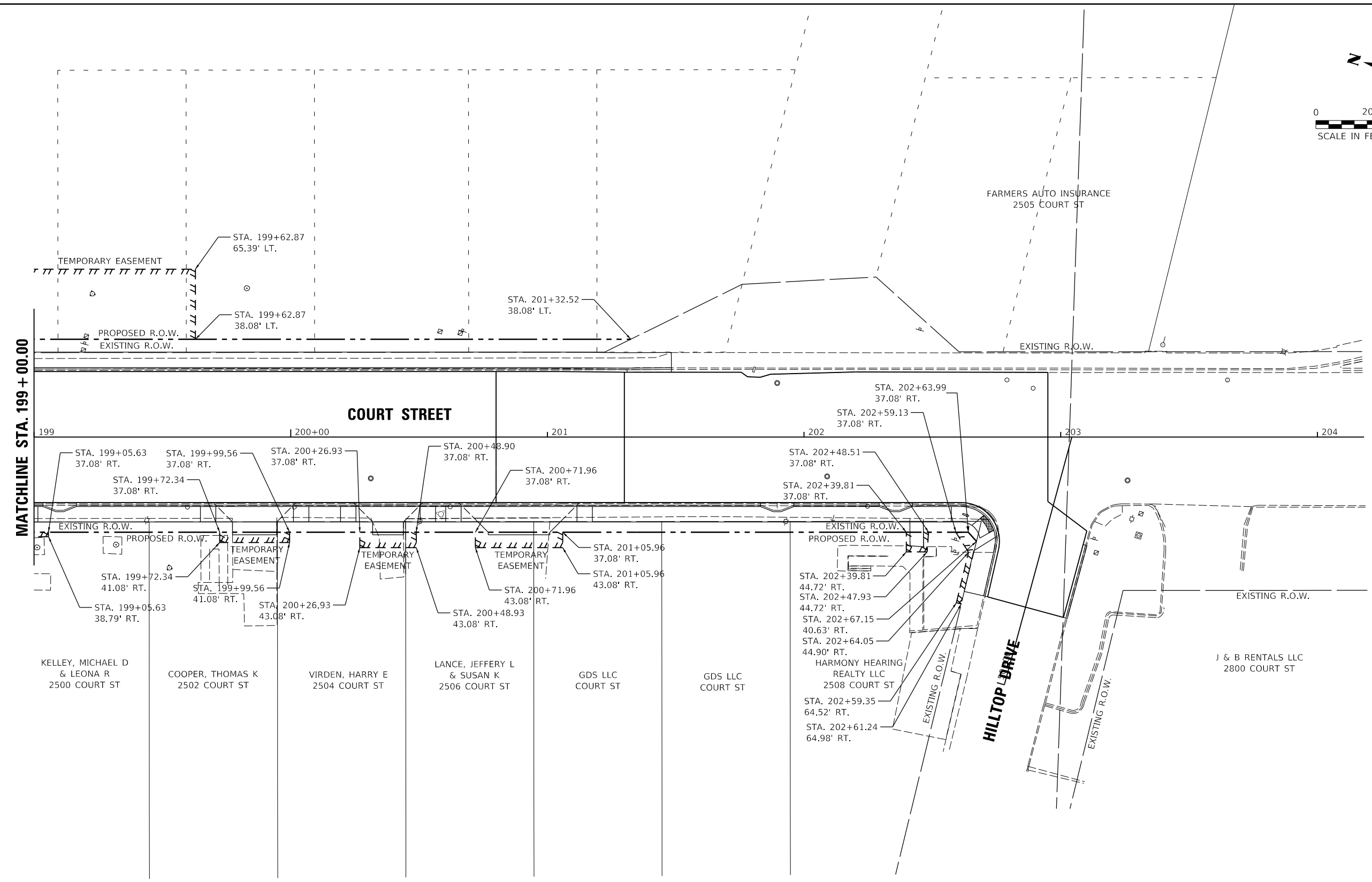
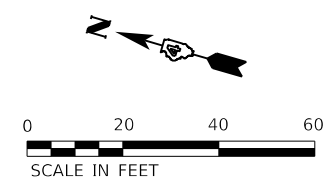
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 RIGHT OF WAY PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	113
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



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MATCHLINE STA. 199 + 00.00

COURT STREET

HILLTOP DRIVE

LEGEND

- — — — — EXISTING RIGHT-OF-WAY
- — — — — PROPOSED RIGHT-OF-WAY
- /// /// /// /// TEMPORARY EASEMENT

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

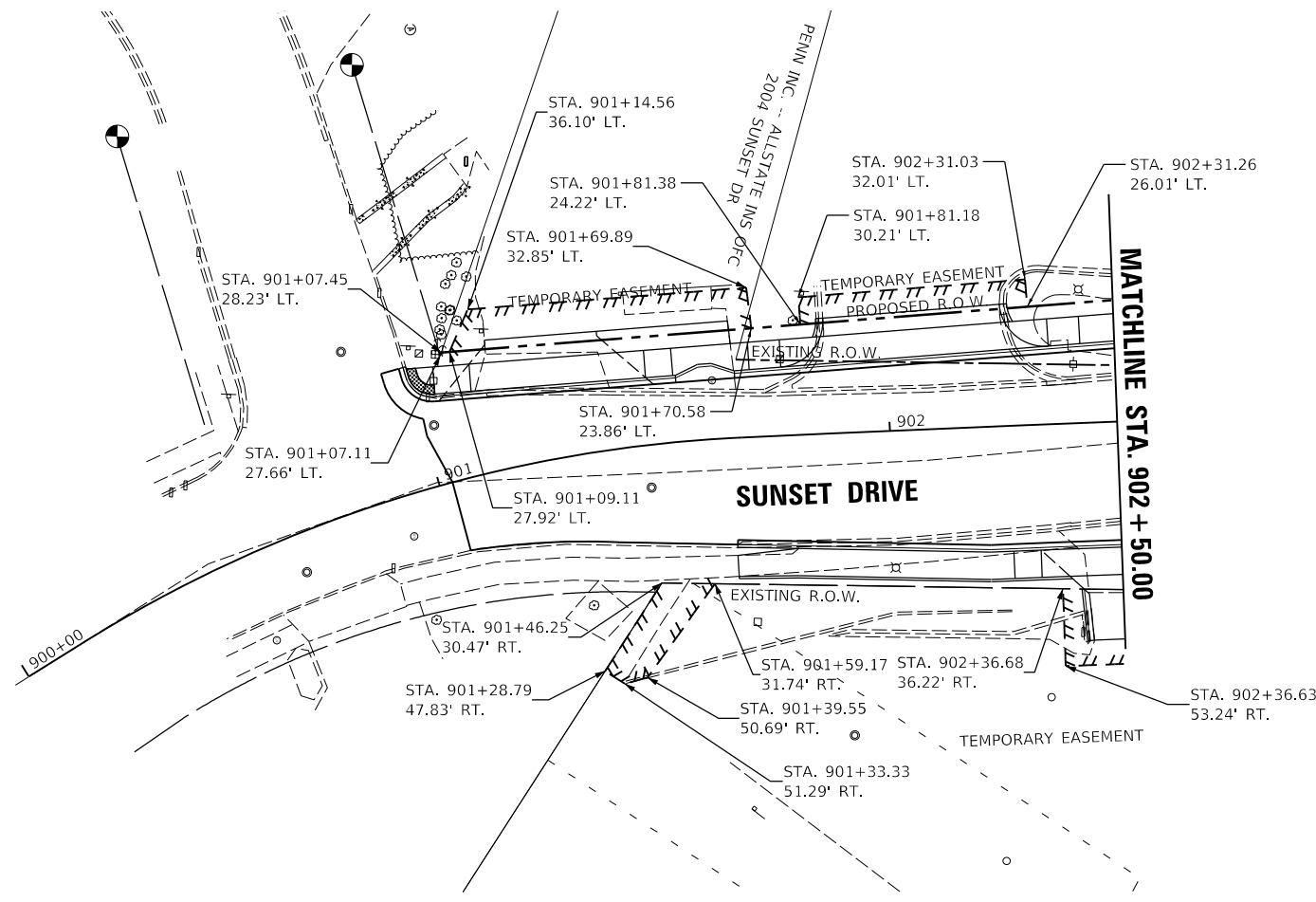
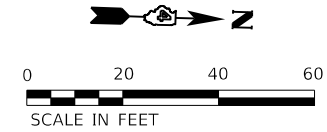
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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
RIGHT OF WAY PLANS**

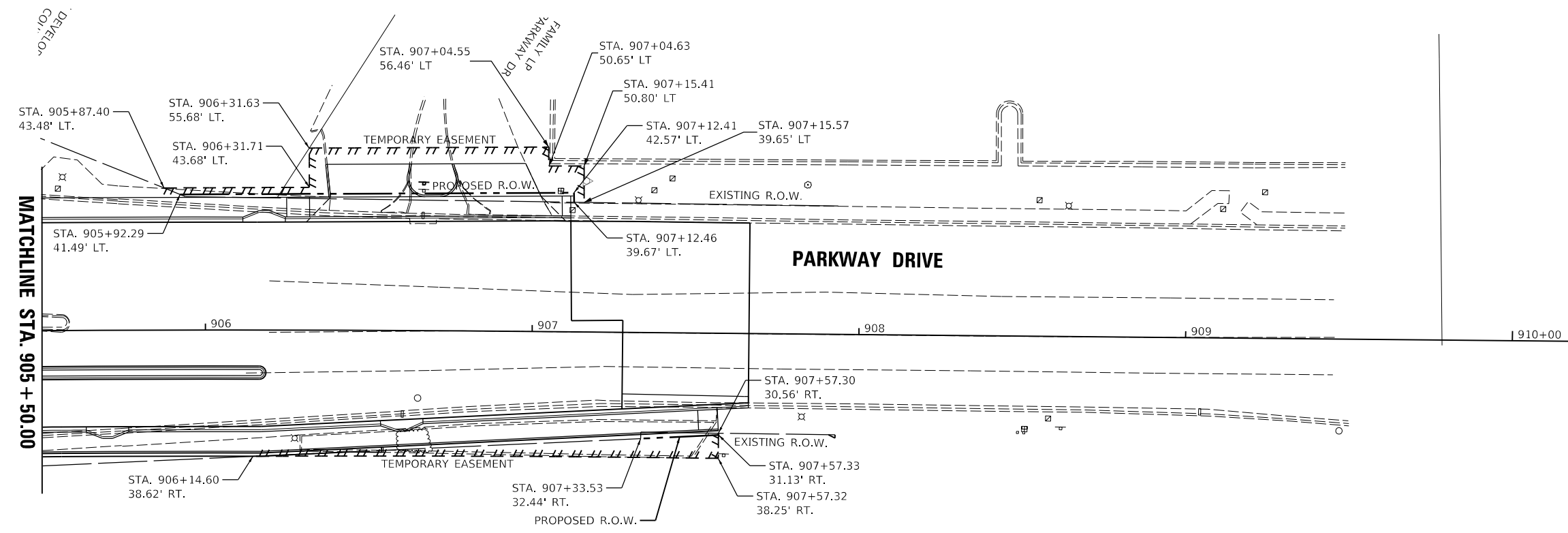
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	114
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



LEGEND

— — — — —	EXISTING RIGHT-OF-WAY
- - - - -	PROPOSED RIGHT-OF-WAY
	TEMPORARY EASEMENT



LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

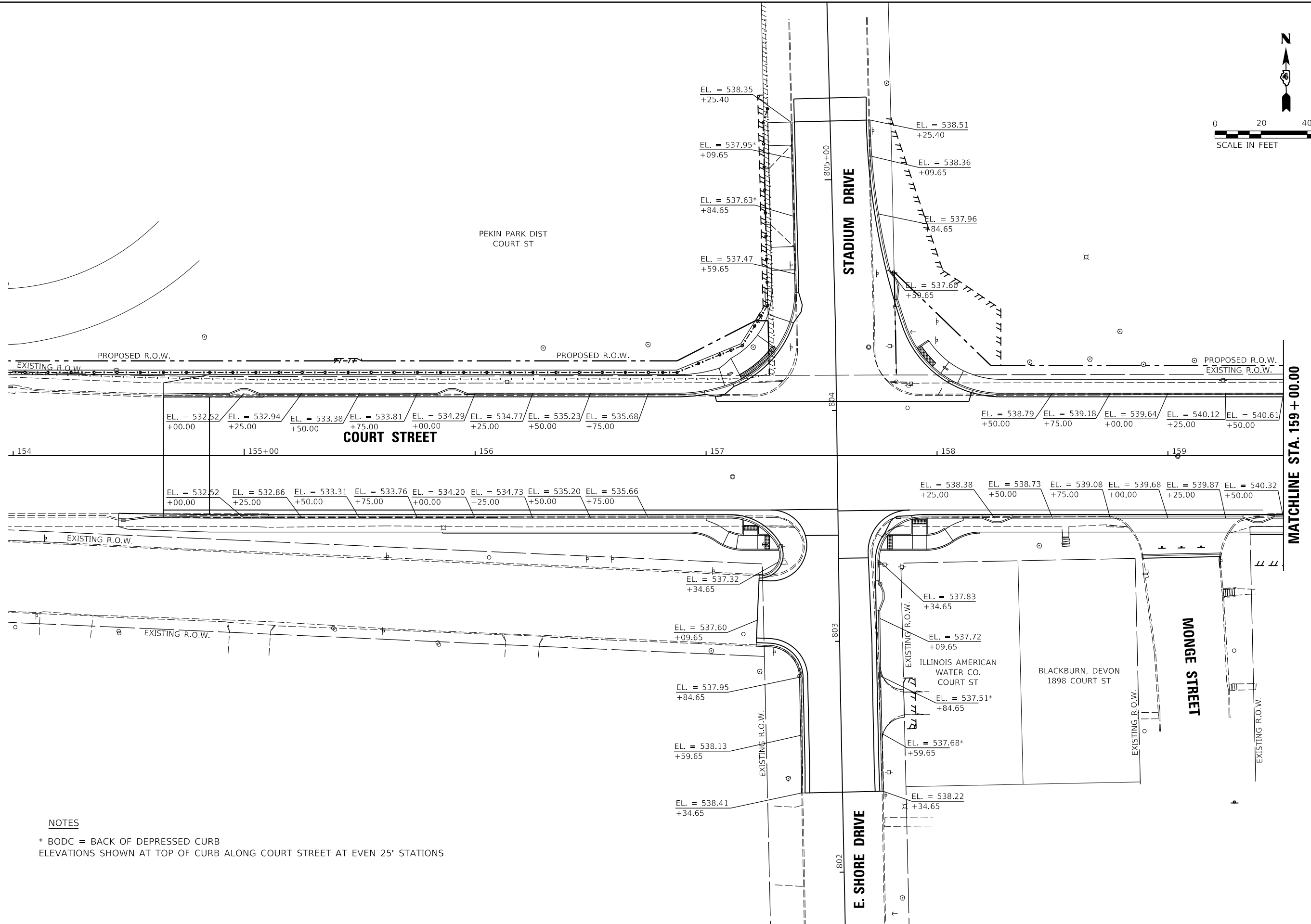
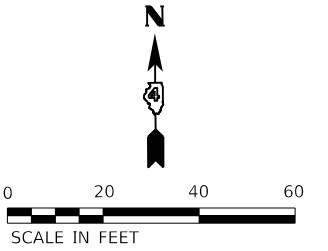
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUNSET DRIVE AND PARKWAY DRIVE
 RIGHT OF WAY PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	115
CONTRACT NO. 89804				
ILLINOIS		FED. AID PROJECT		

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



NOTES
 * BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

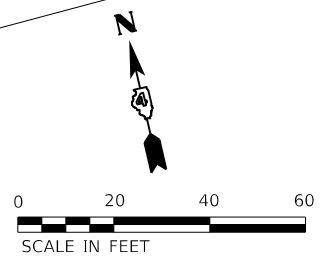
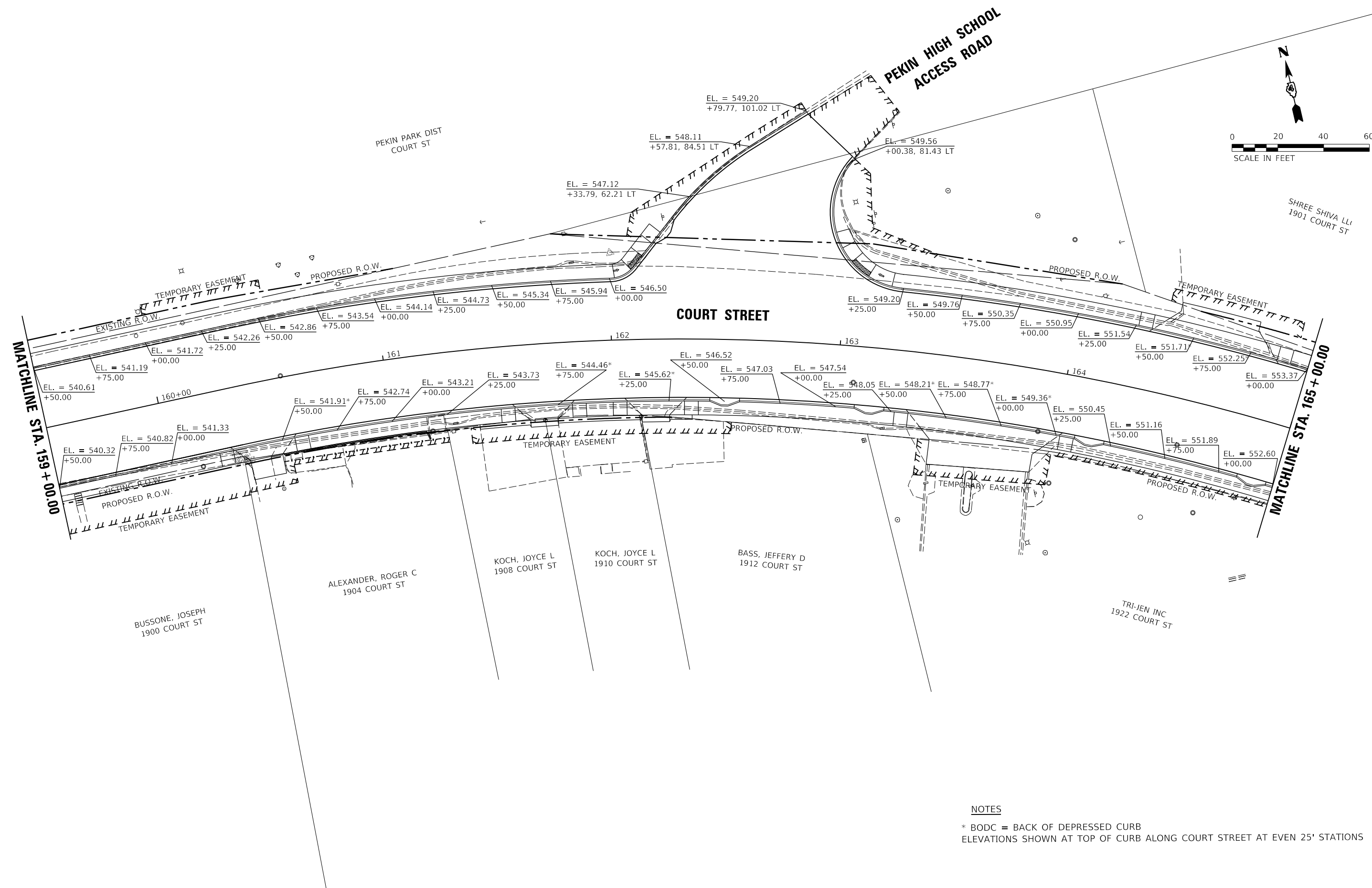
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 GRADING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	116
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



NOTES

* BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

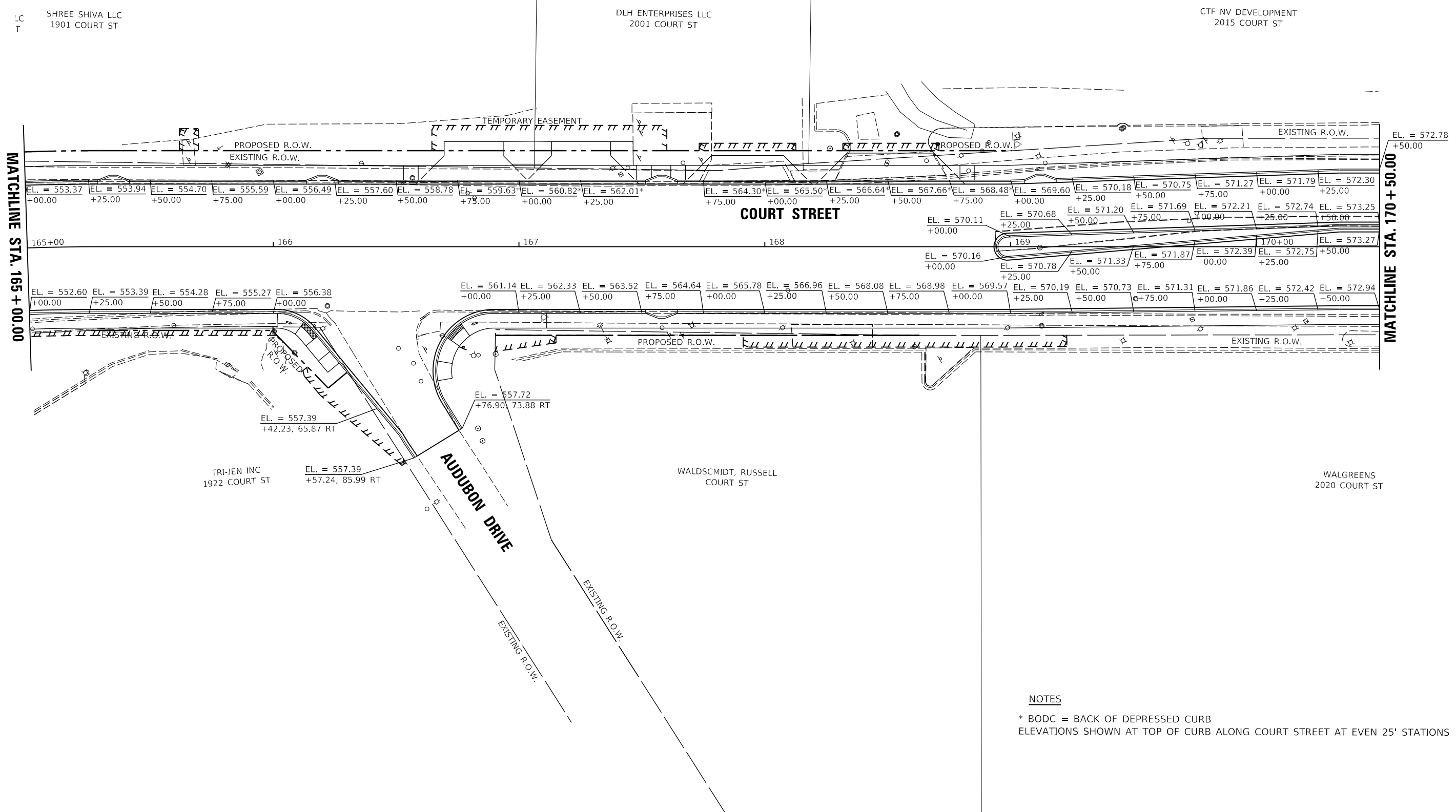
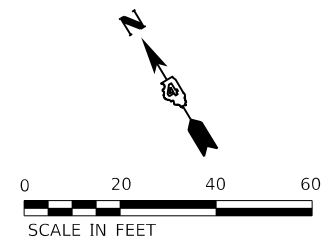
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Default		CHECKED - JFC	REVISED -
	PLOT DATE = 2/3/2023	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 GRADING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	117
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



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NOTES

* BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

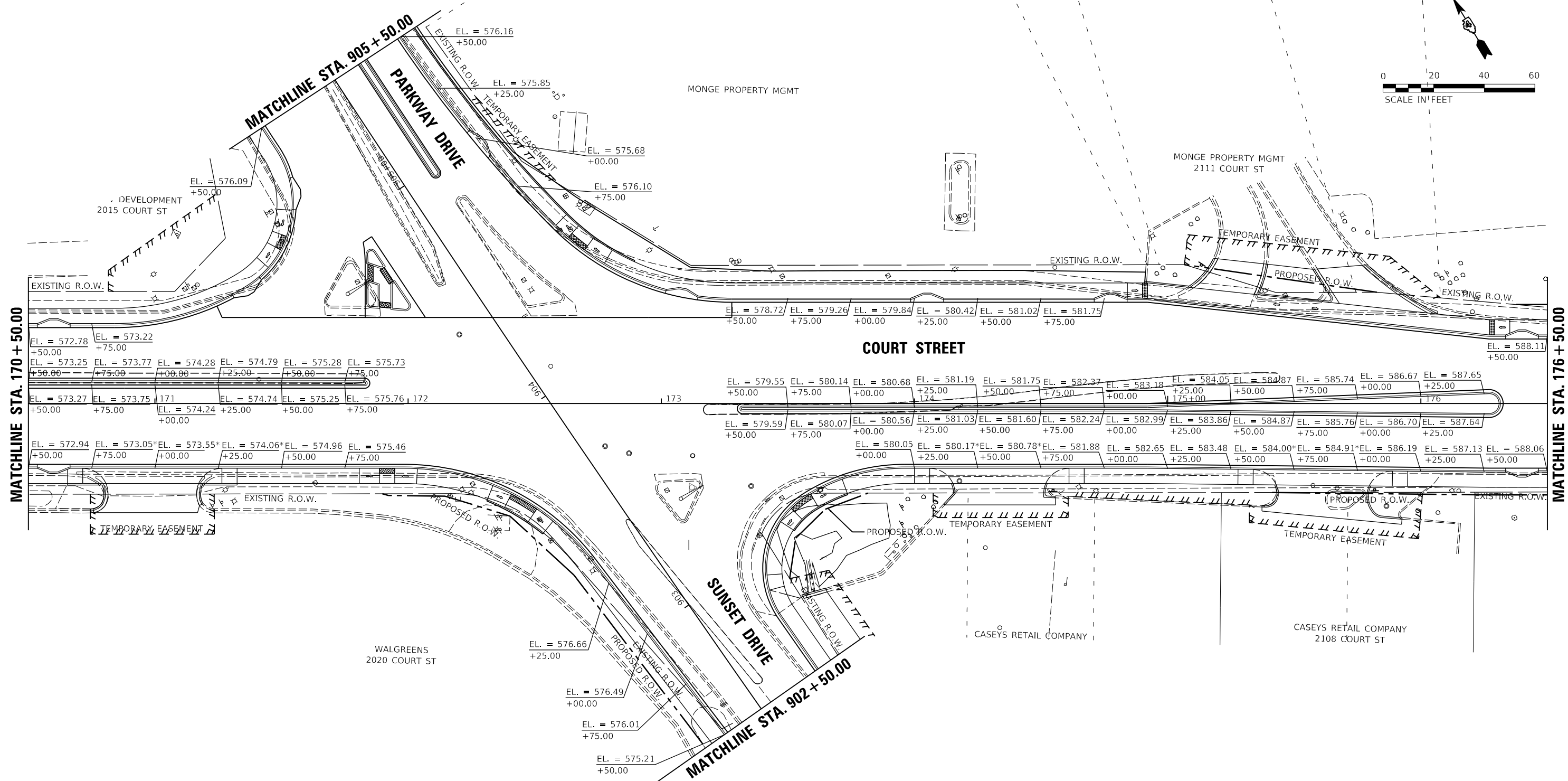
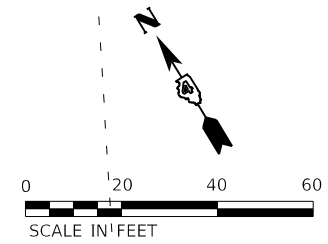
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
GRADING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	118
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



NOTES

* BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

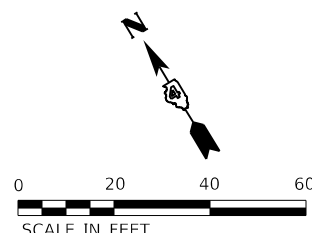
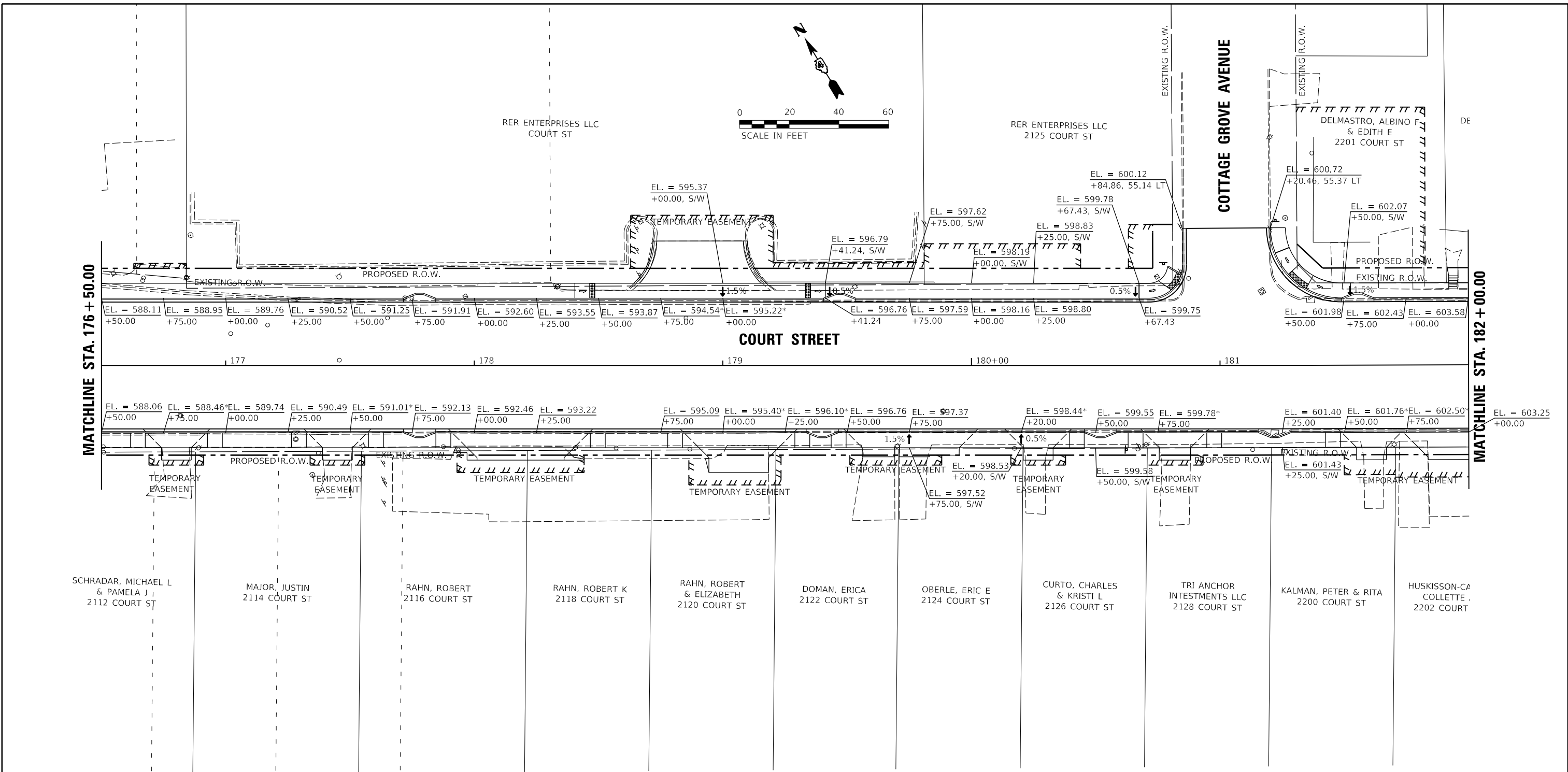
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 GRADING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	119
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



NOTES

* BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

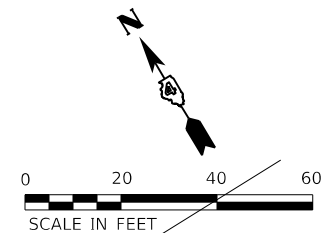
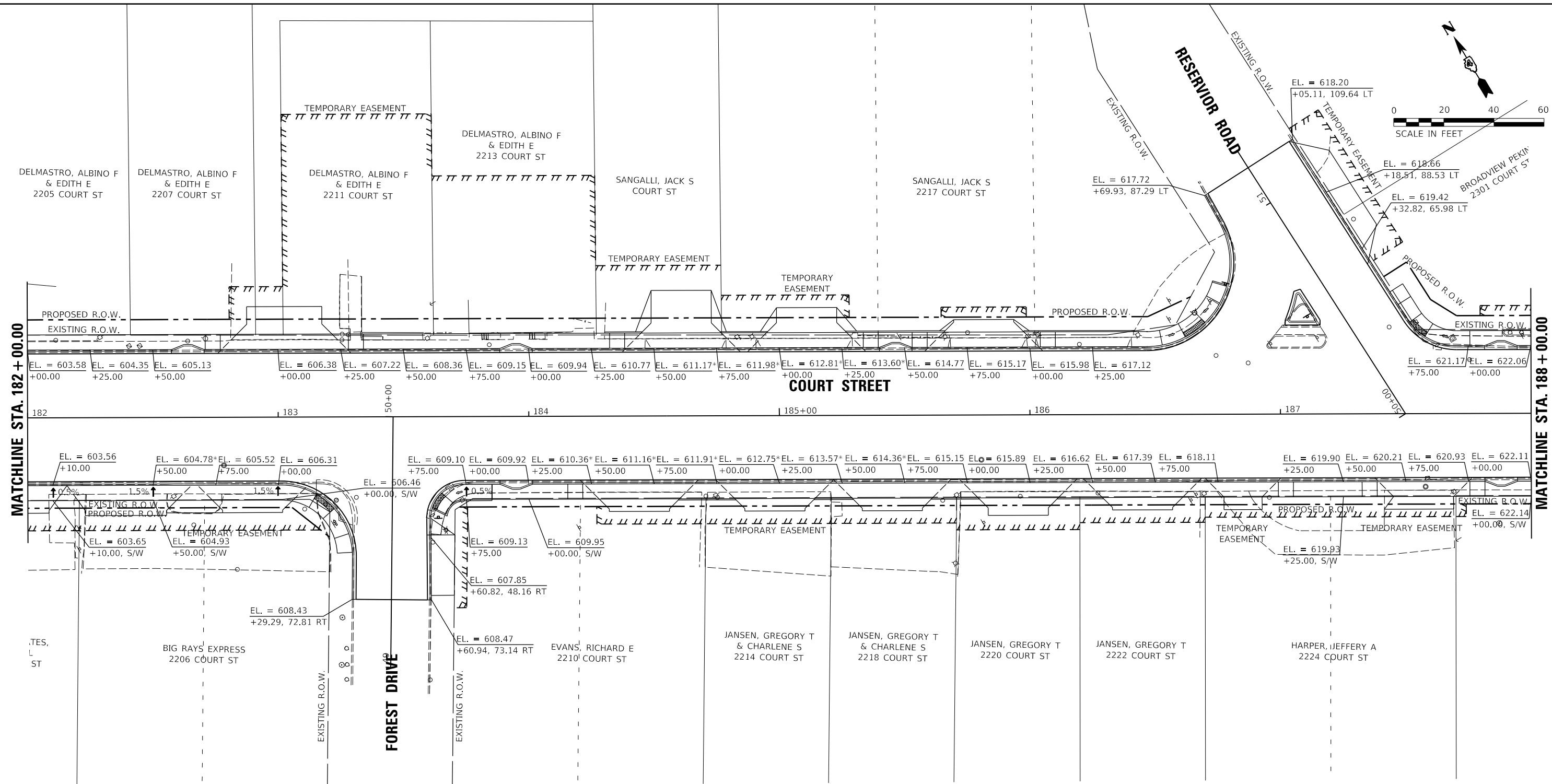
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	PLOT DATE = 2/3/2023	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 GRADING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	120
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



NOTES

* BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

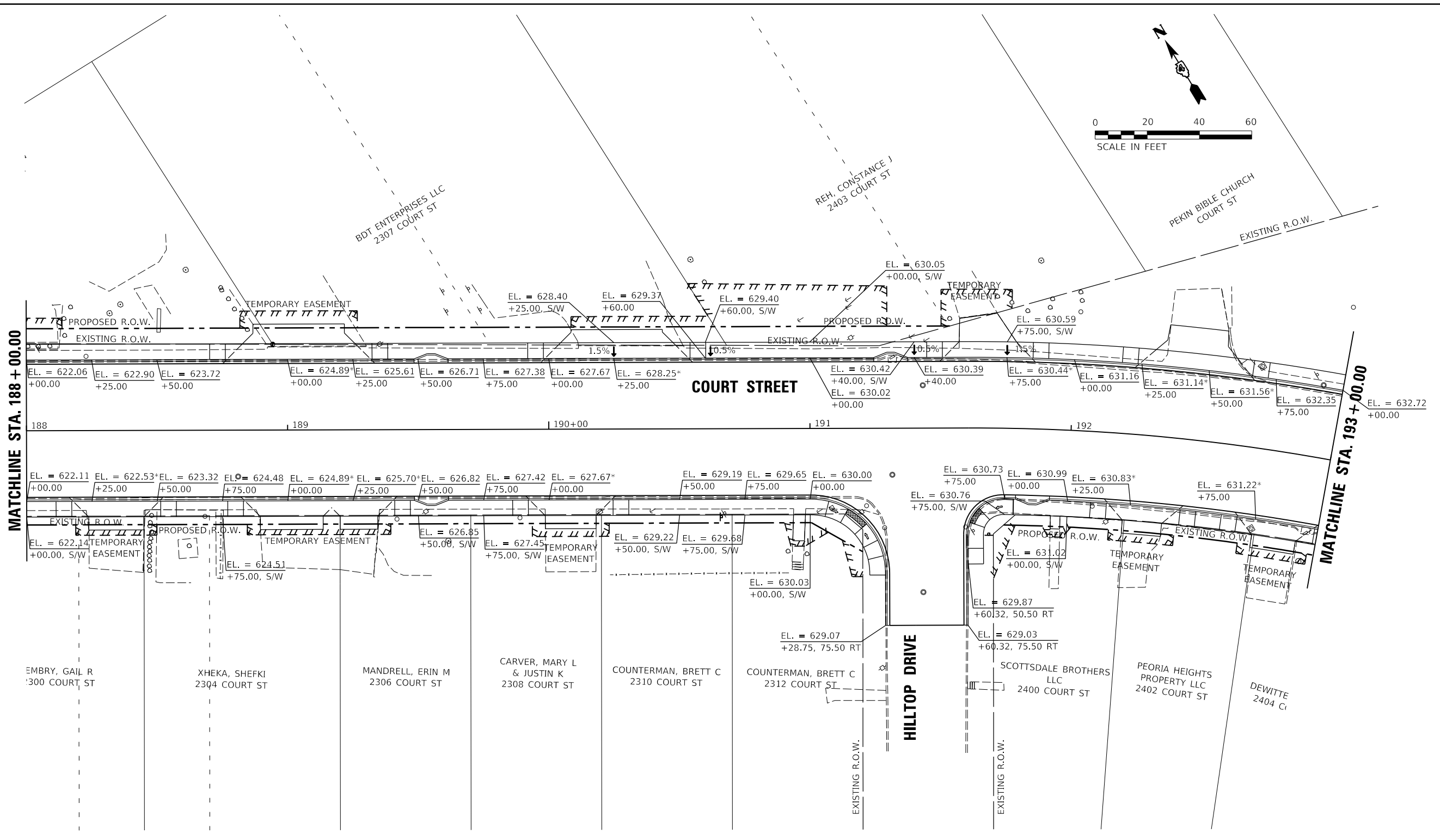
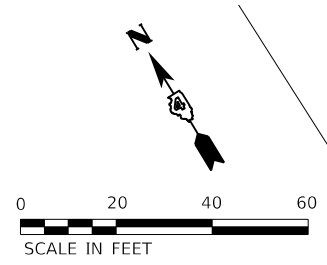
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Default	PLOT SCALE = 40.00' / 1" in.	CHECKED - JFC	REVISED -
	PLOT DATE = 2/3/2023	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 GRADING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	121
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



NOTES
 * BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

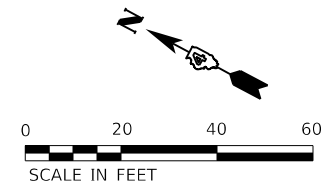
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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

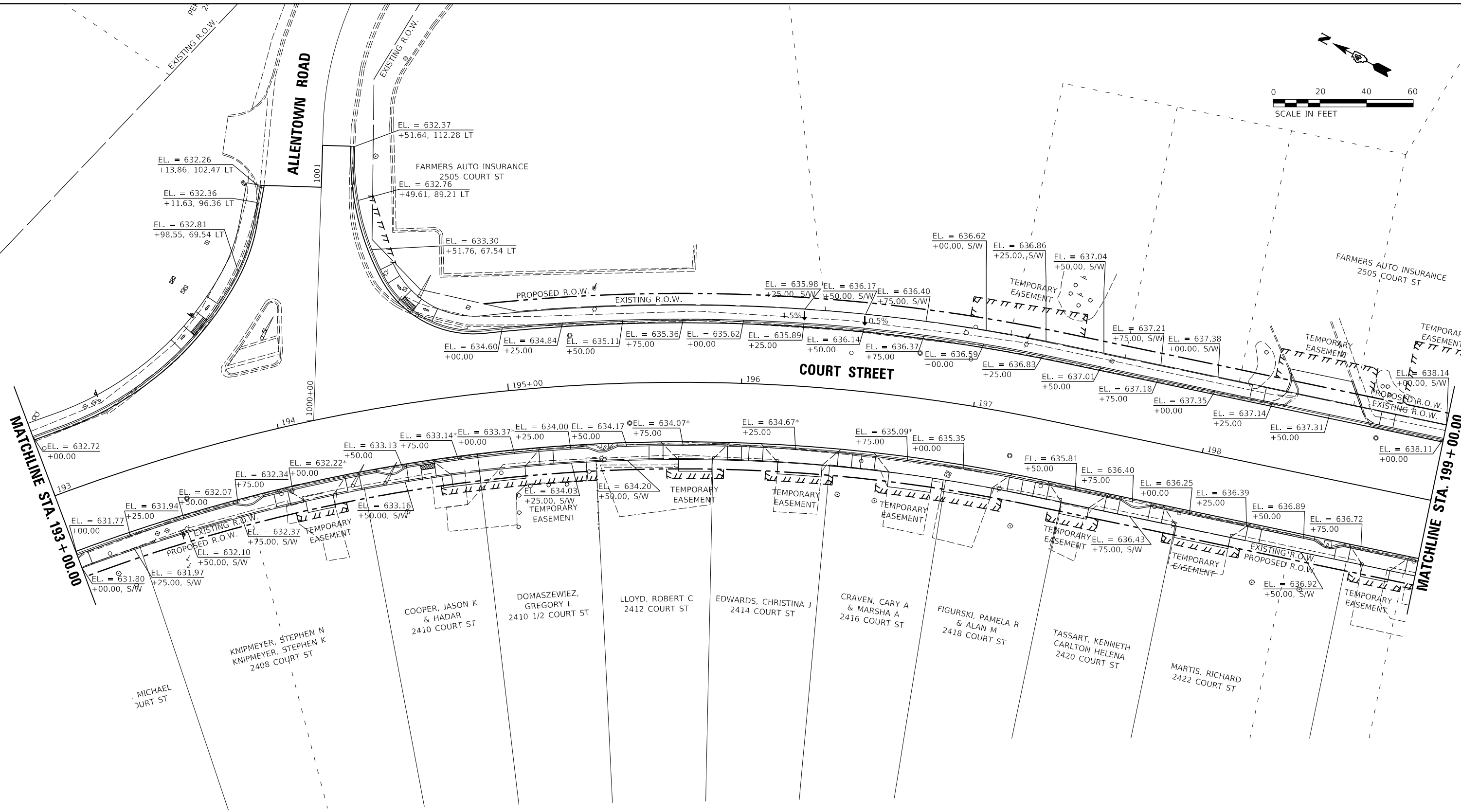
**COURT STREET
 GRADING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	122
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



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NOTES

* BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

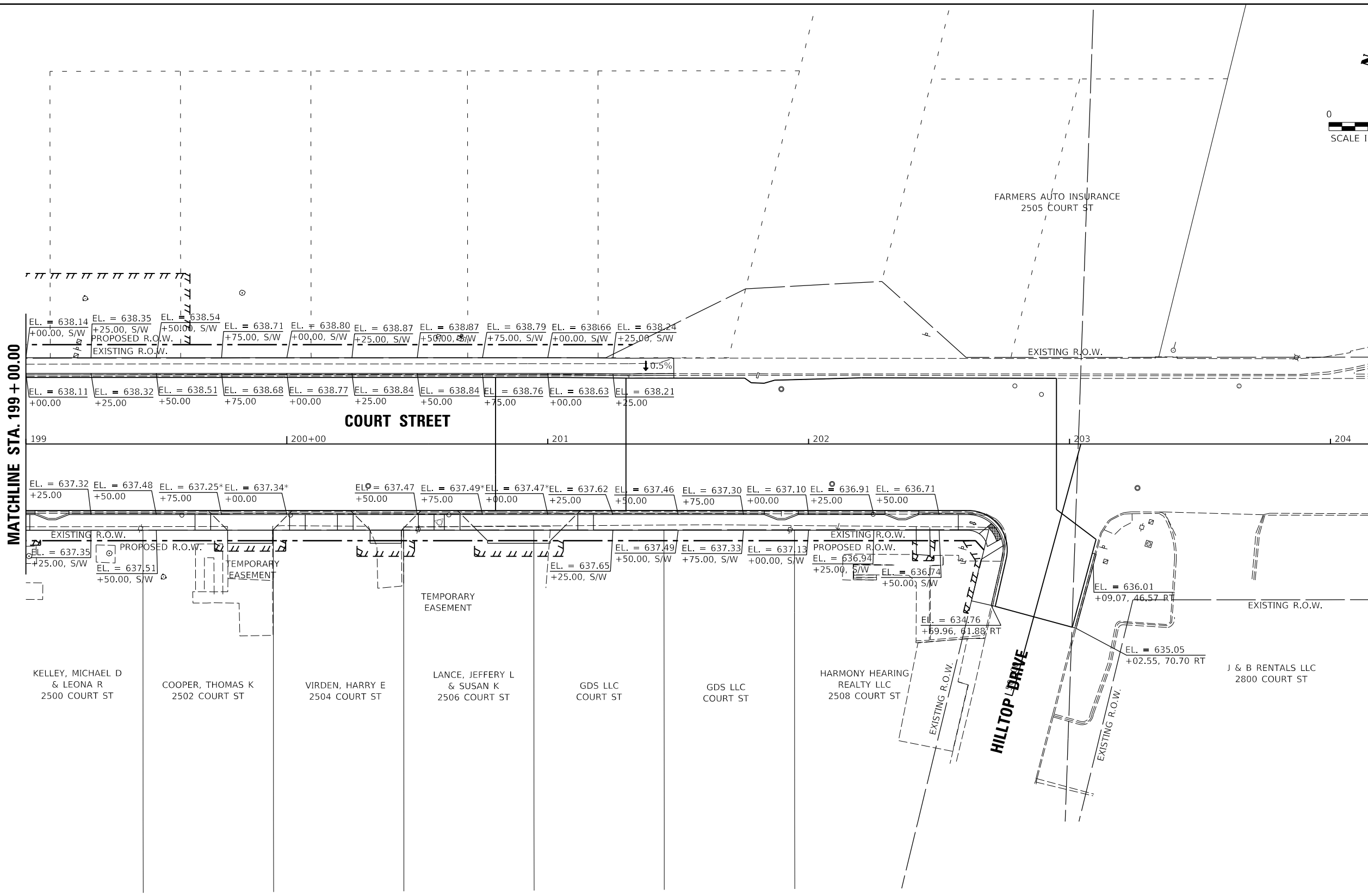
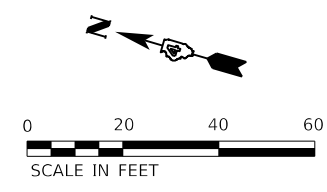
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET
GRADING PLANS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	123
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



MATCHLINE STA. 199 + 00.00

COURT STREET

HILLTOP DRIVE

NOTES
 * BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS



LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

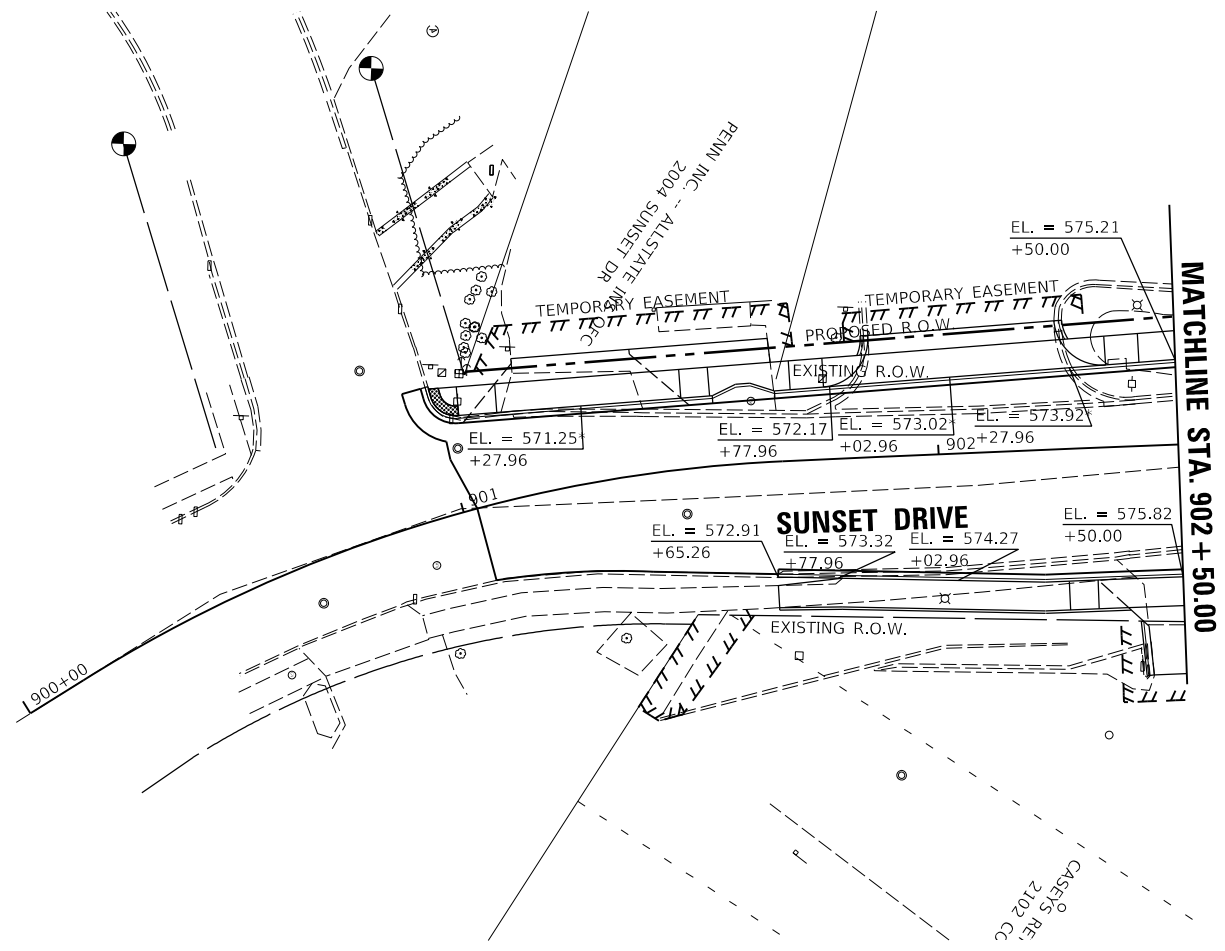
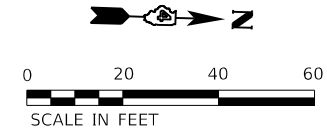
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

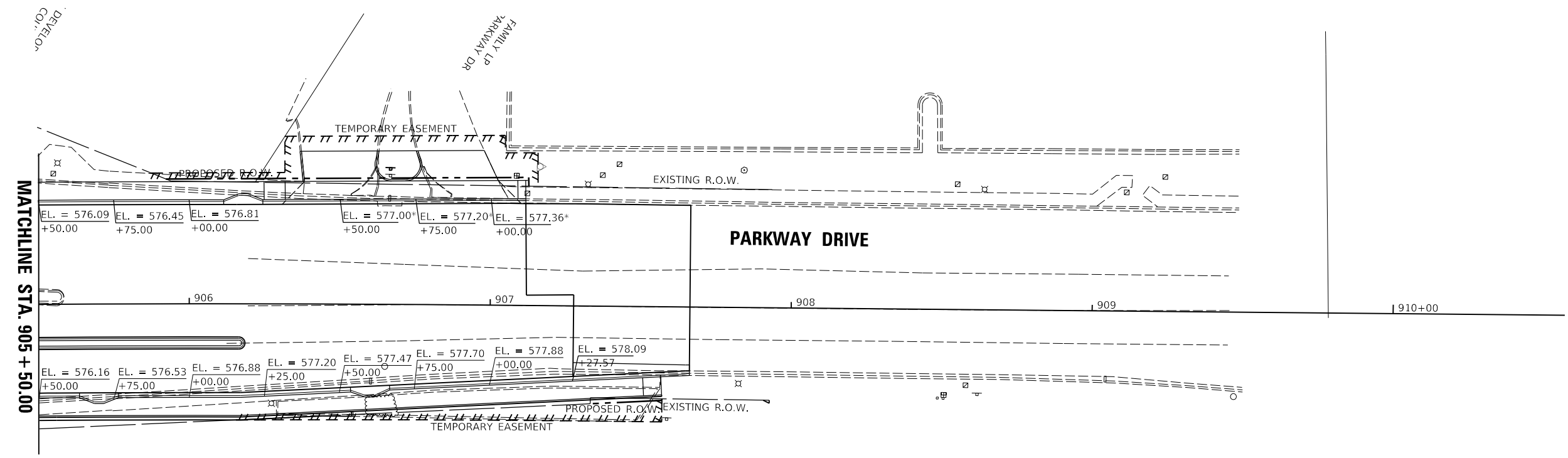
**COURT STREET
 GRADING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	124
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



NOTES
 * BODC = BACK OF DEPRESSED CURB
 ELEVATIONS SHOWN AT TOP OF CURB ALONG COURT STREET AT EVEN 25' STATIONS



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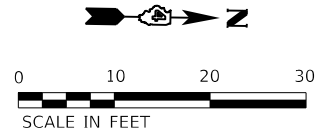
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DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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	PLOT DATE = 2/3/2023	DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUNSET DRIVE AND PARKWAY DRIVE
GRADING PLANS
 SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

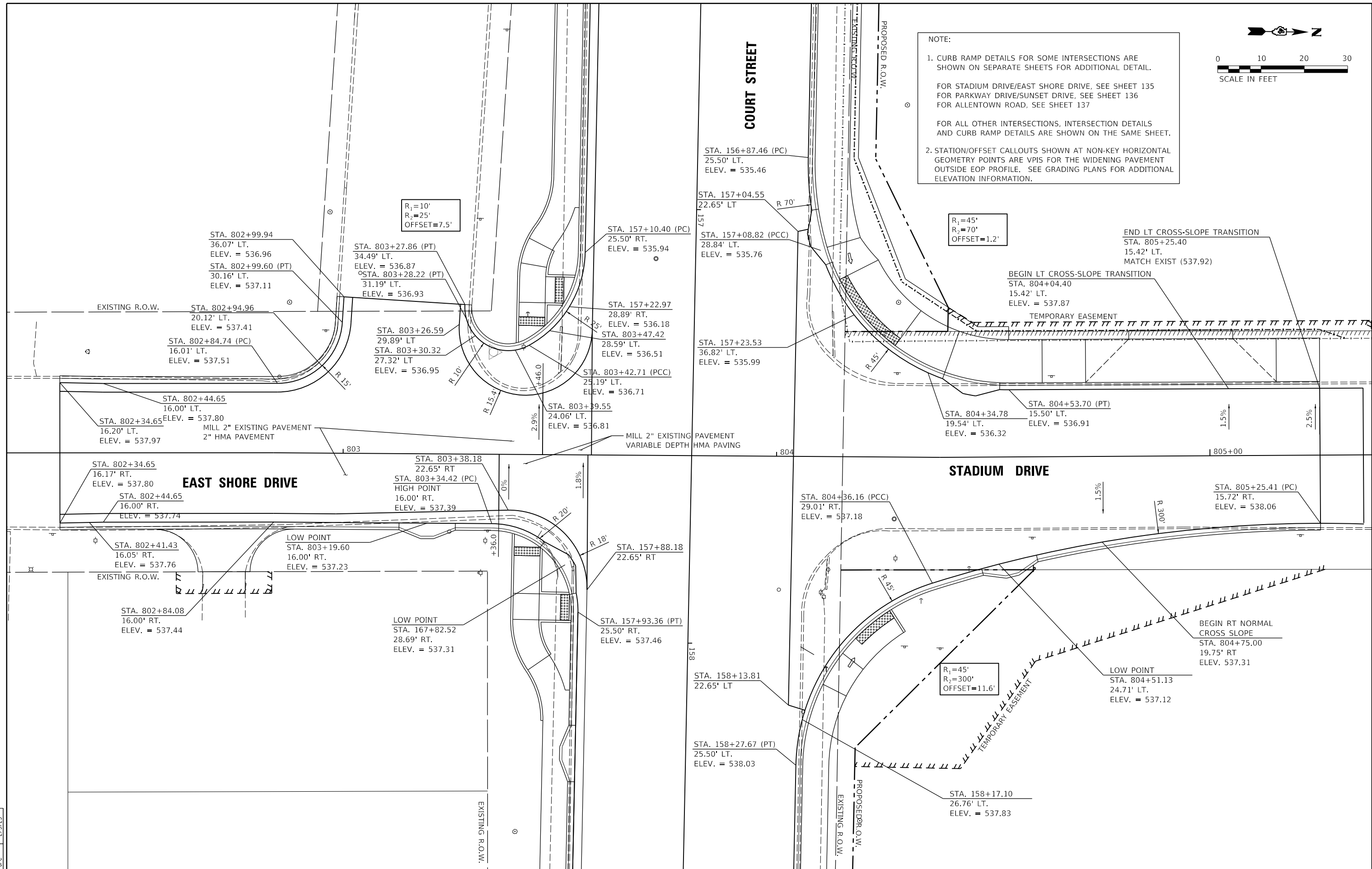
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	125
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



NOTE:

- CURB RAMP DETAILS FOR SOME INTERSECTIONS ARE SHOWN ON SEPARATE SHEETS FOR ADDITIONAL DETAIL.
 FOR STADIUM DRIVE/EAST SHORE DRIVE, SEE SHEET 135
 FOR PARKWAY DRIVE/SUNSET DRIVE, SEE SHEET 136
 FOR ALLENTOWN ROAD, SEE SHEET 137
- FOR ALL OTHER INTERSECTIONS, INTERSECTION DETAILS AND CURB RAMP DETAILS ARE SHOWN ON THE SAME SHEET.

2. STATION/OFFSET CALLOUTS SHOWN AT NON-KEY HORIZONTAL GEOMETRY POINTS ARE VPIs FOR THE WIDENING PAVEMENT OUTSIDE EOP PROFILE. SEE GRADING PLANS FOR ADDITIONAL ELEVATION INFORMATION.



LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

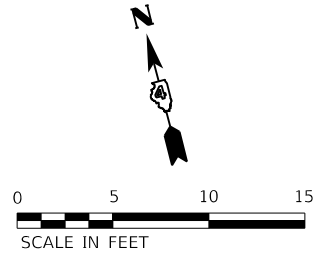
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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

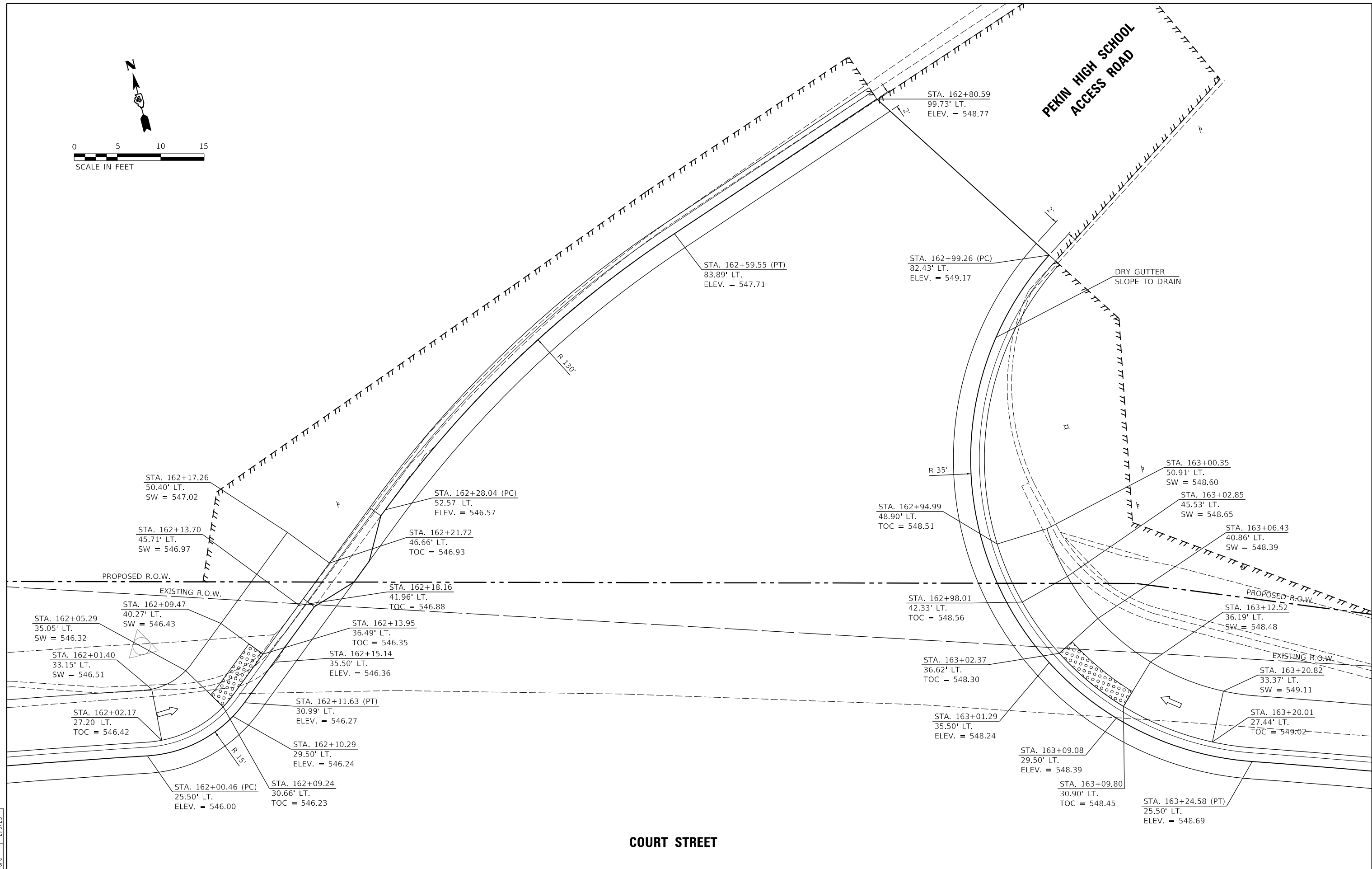
**COURT STREET AND STADIUM DRIVE
 INTERSECTION DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	126
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



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COURT STREET

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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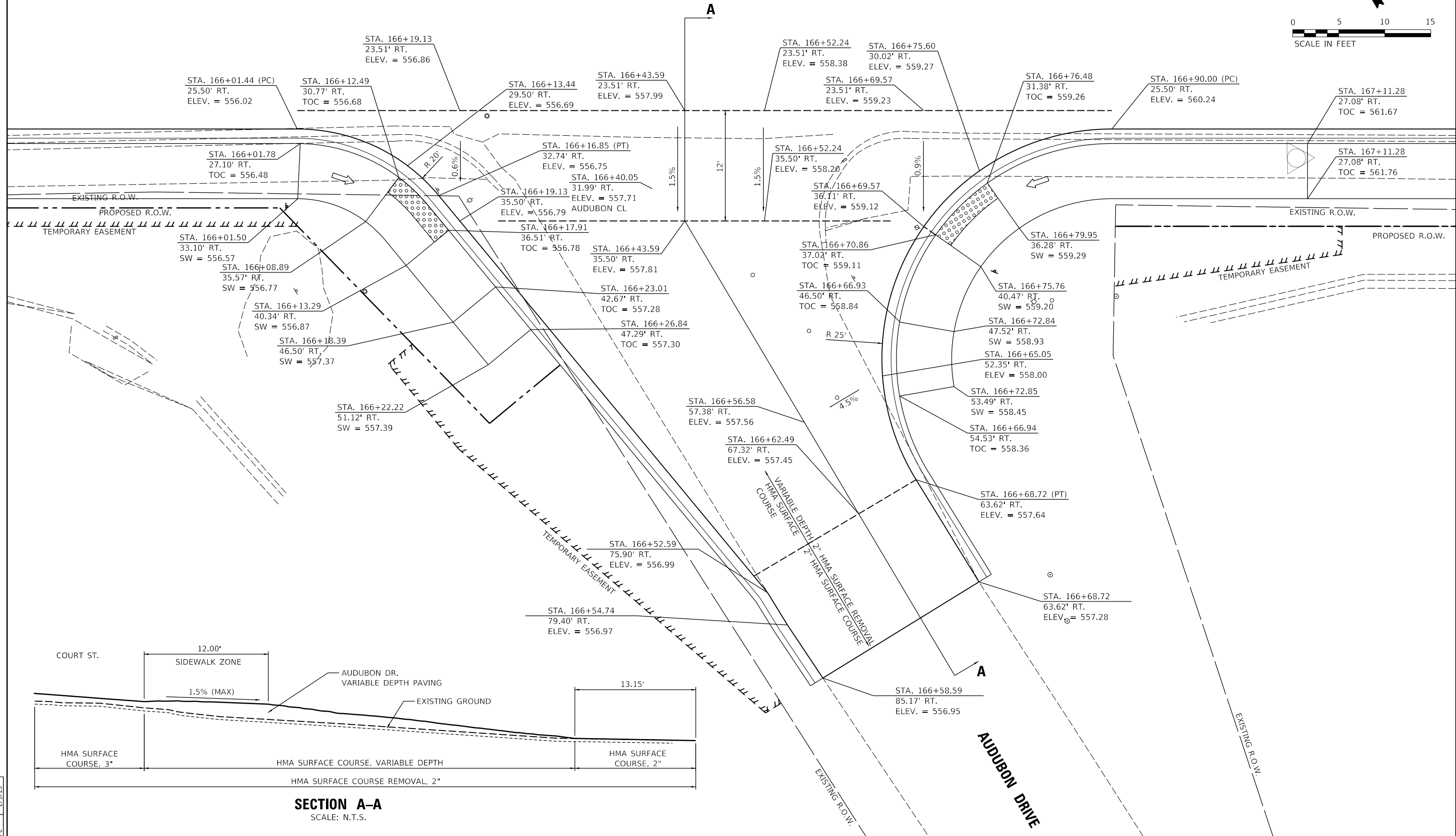
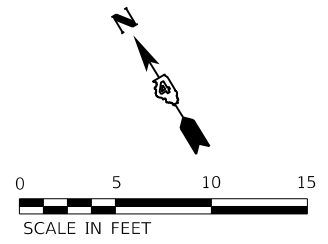
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND PEKIN HIGH SCHOOL
 INTERSECTION DETAIL**

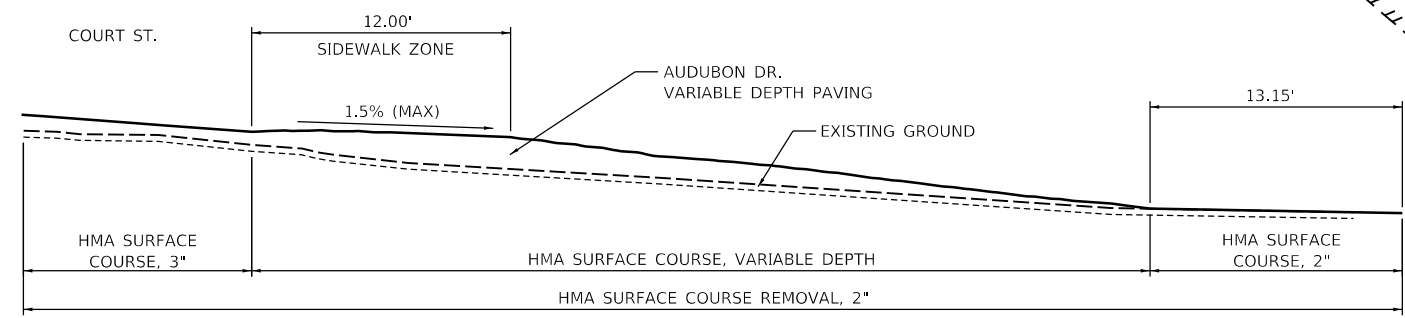
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	127
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	

COURT STREET



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SECTION A-A
SCALE: N.T.S.

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

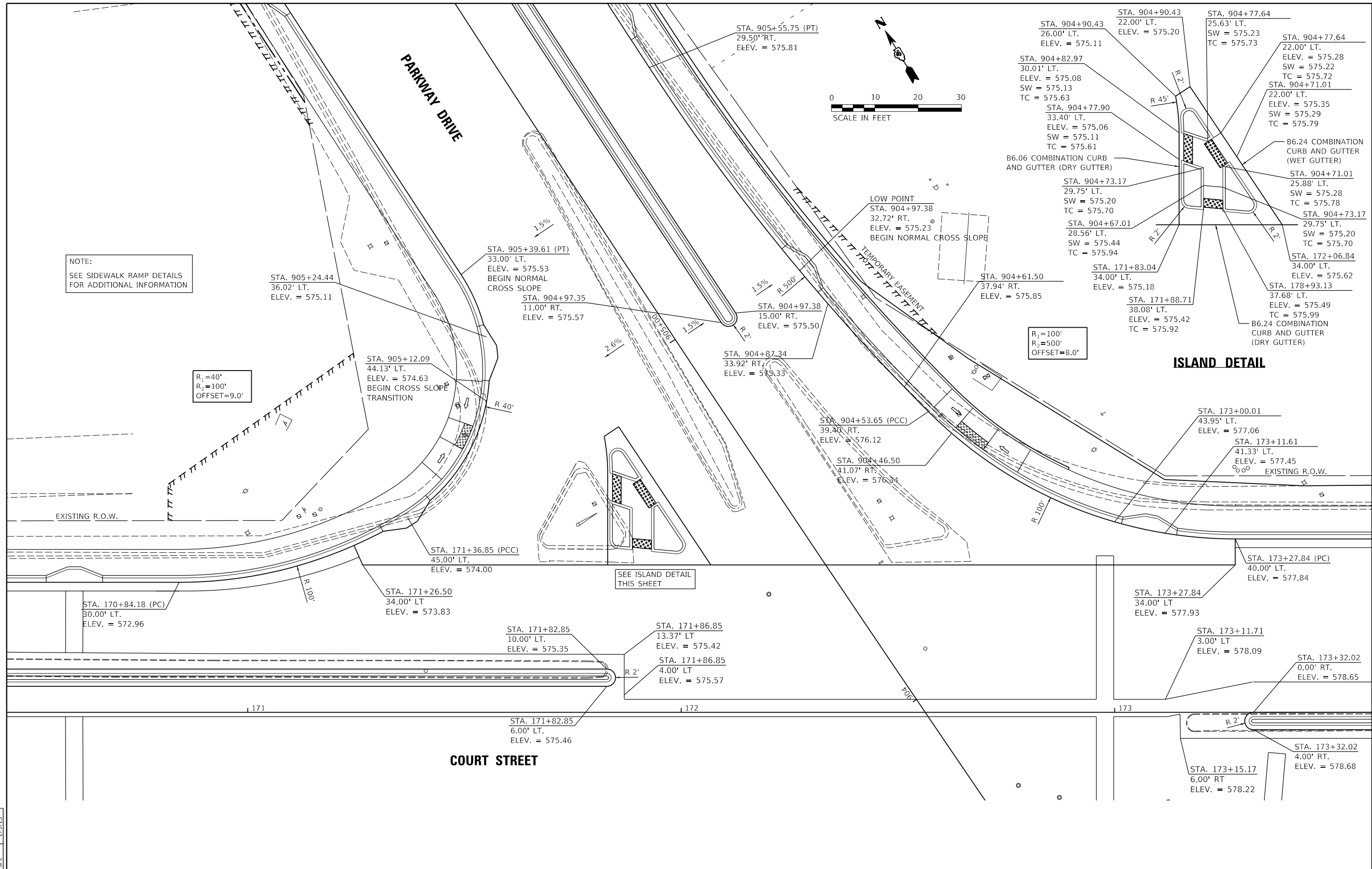
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET AND AUDUBON DRIVE
INTERSECTION DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	128
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



NOTE:
SEE SIDEWALK RAMP DETAILS FOR ADDITIONAL INFORMATION

R₁ = 40'
R₂ = 100'
OFFSET = 9.0'

R₁ = 100'
R₂ = 500'
OFFSET = 8.0'

ISLAND DETAIL

SEE ISLAND DETAIL THIS SHEET

COURT STREET

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

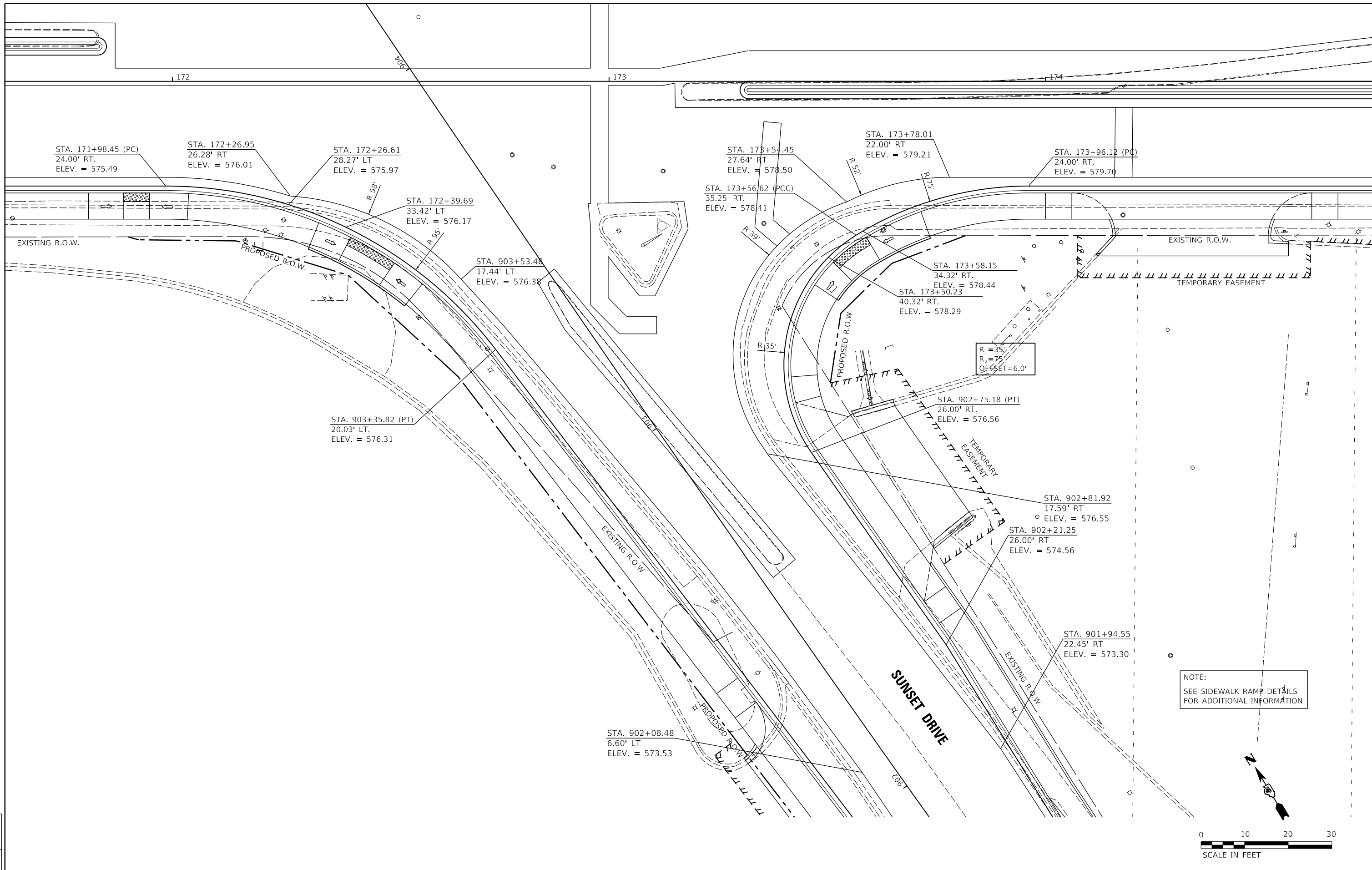
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PLOT DATE = 2/3/2023		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND PARKWAY DRIVE
INTERSECTION DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	129
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



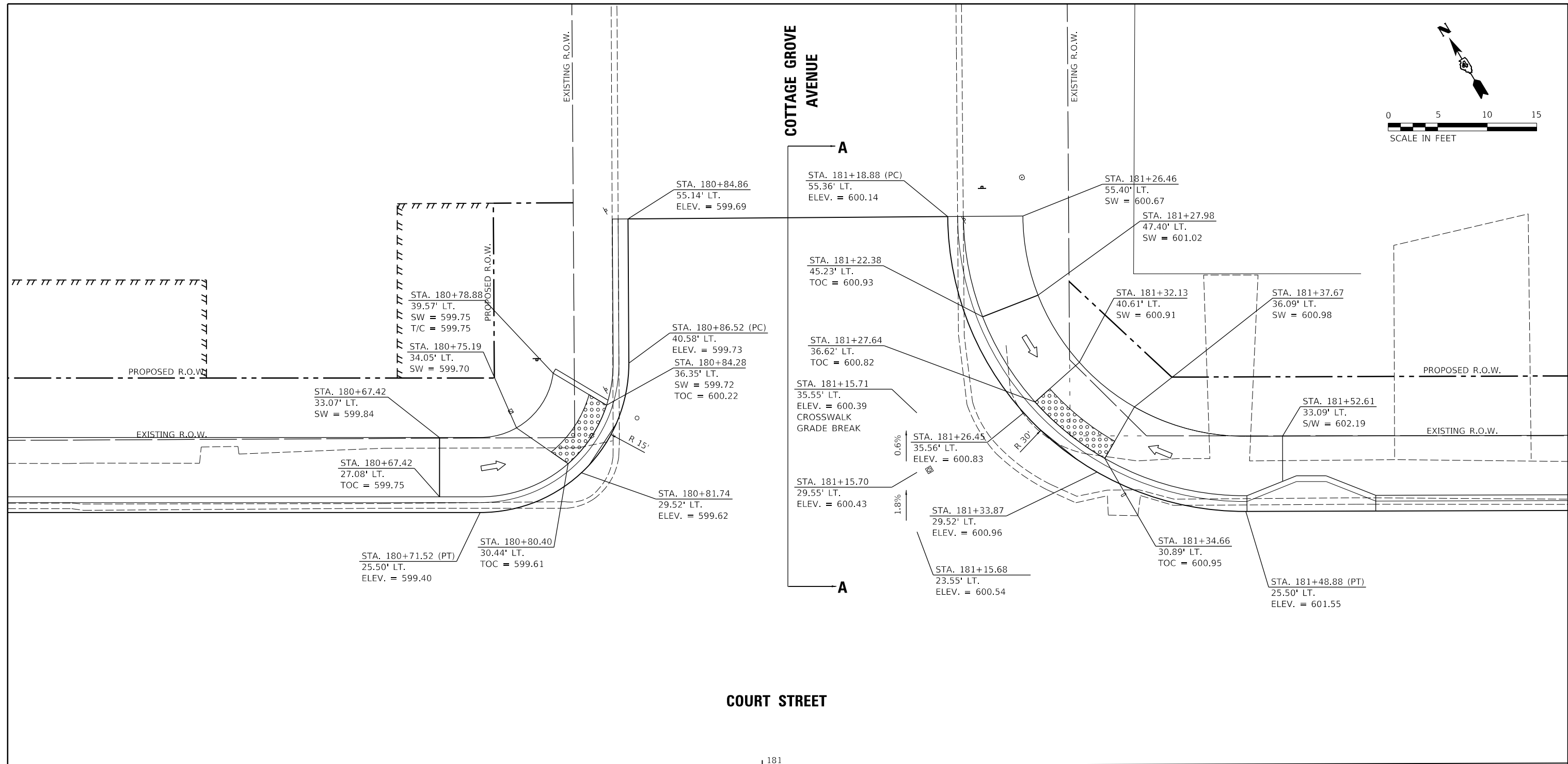
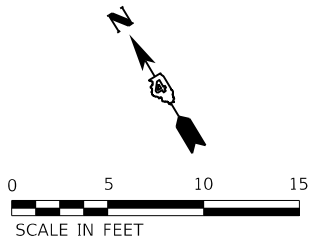
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PLOT DATE = 2/3/2023		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

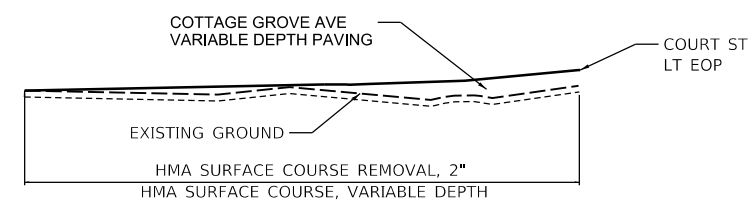
**COURT STREET AND SUNSET DRIVE
 INTERSECTION DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	130
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



COURT STREET



SECTION A-A
 SCALE: N.T.S.

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

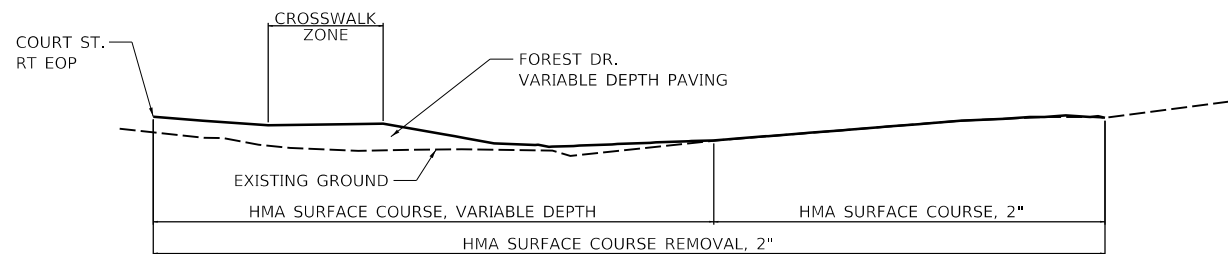
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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

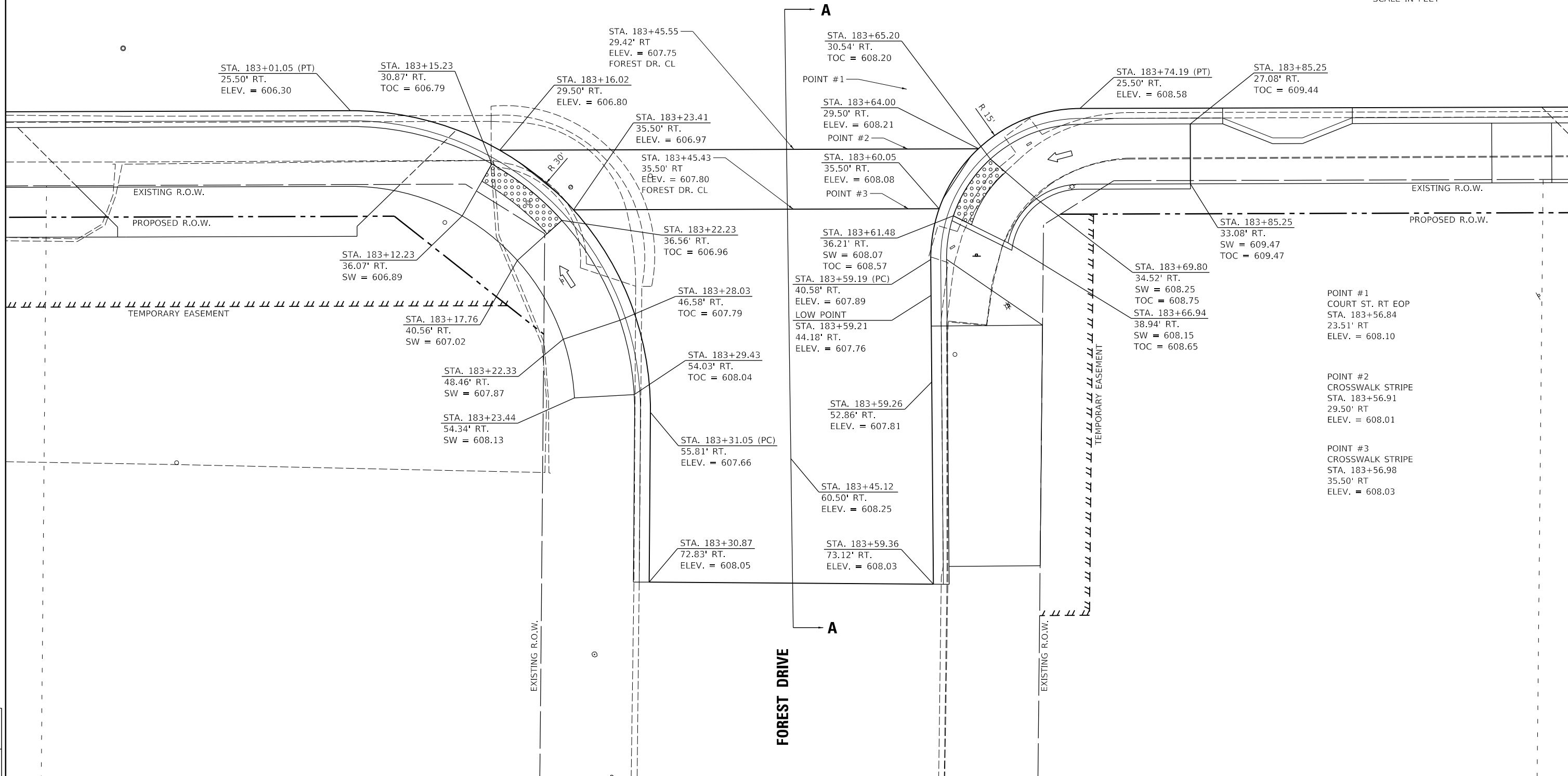
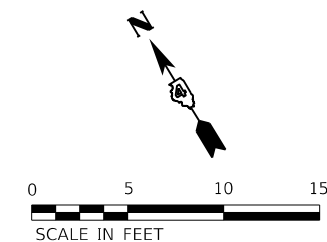
**COURT STREET AND COTTAGE GROVE AVENUE
 INTERSECTION DETAIL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	131
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				

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



SECTION A-A
SCALE: N.T.S.



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LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

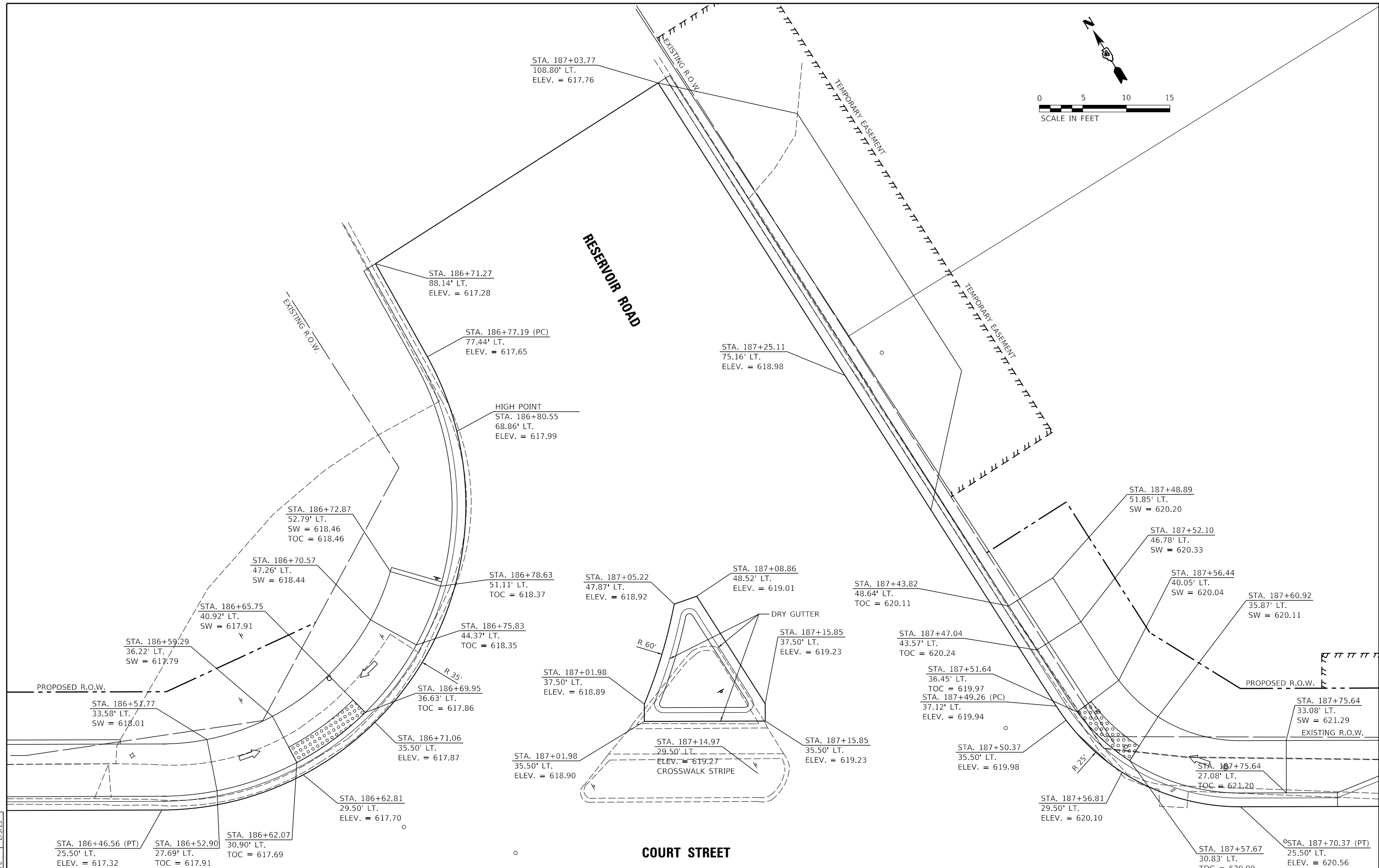
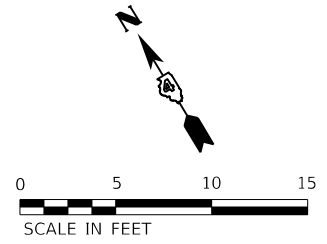
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET AND FOREST DRIVE
INTERSECTION DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	132
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



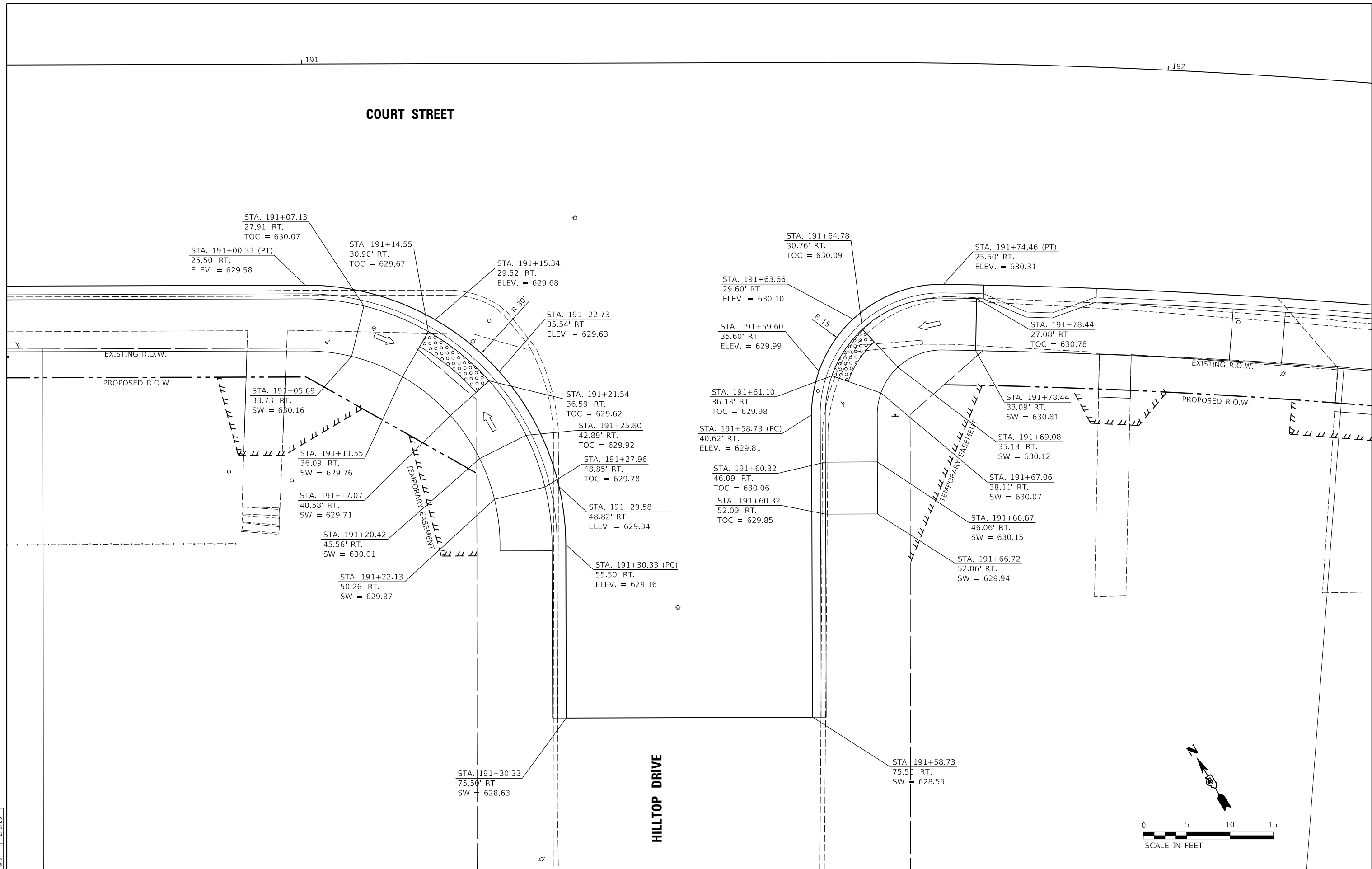
LAYOUT	2/3/23
DRAWN	RLA
REVIEWED	JFC

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		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COURT STREET AND RESERVOIR ROAD INTERSECTION DETAIL	
SCALE: 1"=5'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	133
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



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		DATE - 2/3/2023	REVISED -

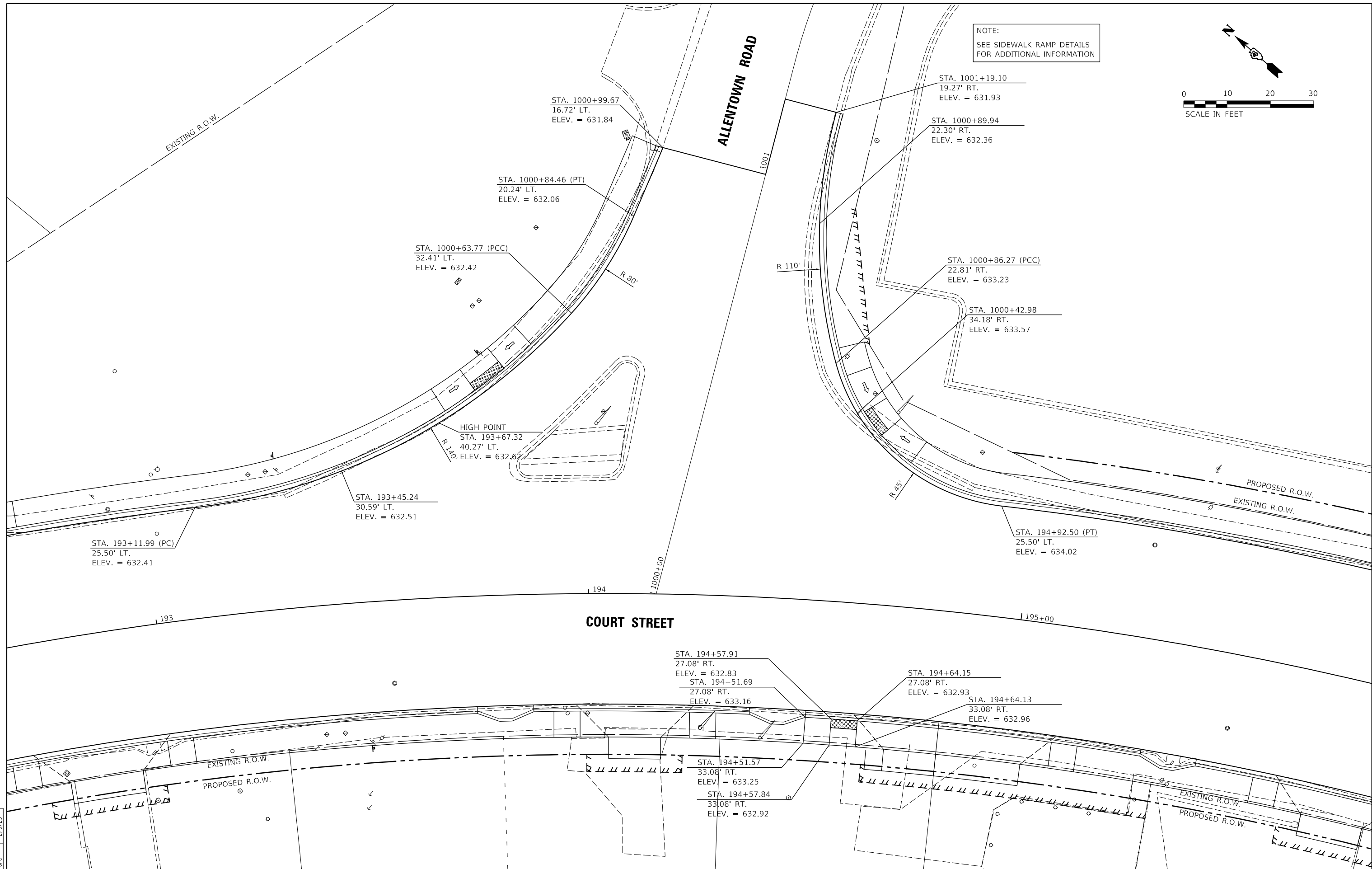
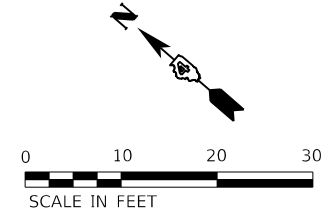
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND HILLTOP DRIVE
 INTERSECTION DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	134
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				

NOTE:
 SEE SIDEWALK RAMP DETAILS
 FOR ADDITIONAL INFORMATION



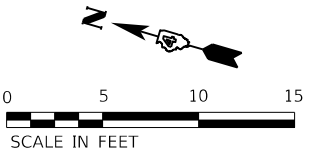
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DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COURT STREET AND ALLENTOWN ROAD INTERSECTION DETAIL	
SCALE: 1"=10'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	135
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



COURT STREET

203

STA. 202+61.12 (PC)
25.50' RT.
ELEV. = 636.22

STA. 202+70.08
30.51' RT.
TOC = 636.03

STA. 202+71.32
29.50' RT.
ELEV. = 636.04

STA. 202+57.36
27.08' RT.
TOC = 636.65

STA. 202+75.26
35.50' RT.
ELEV. = 635.93

EXISTING R.O.W.

PROPOSED R.O.W.

STA. 202+57.36
33.08' RT.
SW = 636.68

STA. 202+73.86
36.29' RT.
TOC = 635.92

STA. 203+08.71
41.88' RT.
ELEV. = 635.76

STA. 202+65.33
34.39' RT.
SW = 636.10

STA. 202+75.74 (PT)
43.87' RT.
ELEV. = 635.51

STA. 202+68.45
39.33' RT.
SW = 636.01

STA. 202+73.89
52.34' RT.
ELEV. = 635.15

STA. 202+71.50
62.24' RT.
ELEV. = 634.32

STA. 203+01.02
70.29' RT.
ELEV. = 634.61

EXISTING R.O.W.

HILLTOP DRIVE

EXISTING R.O.W.

EXISTING R.O.W.



LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

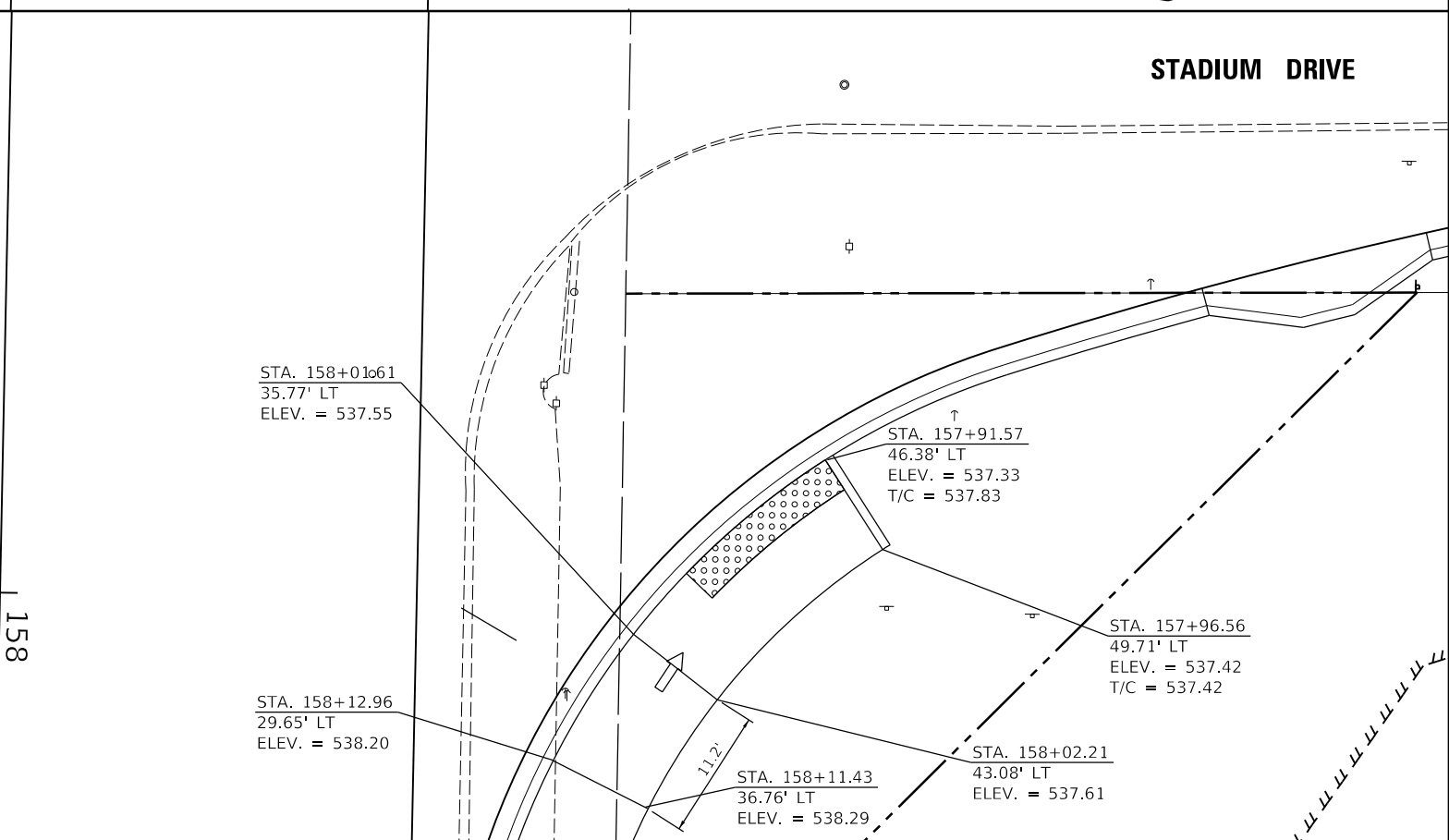
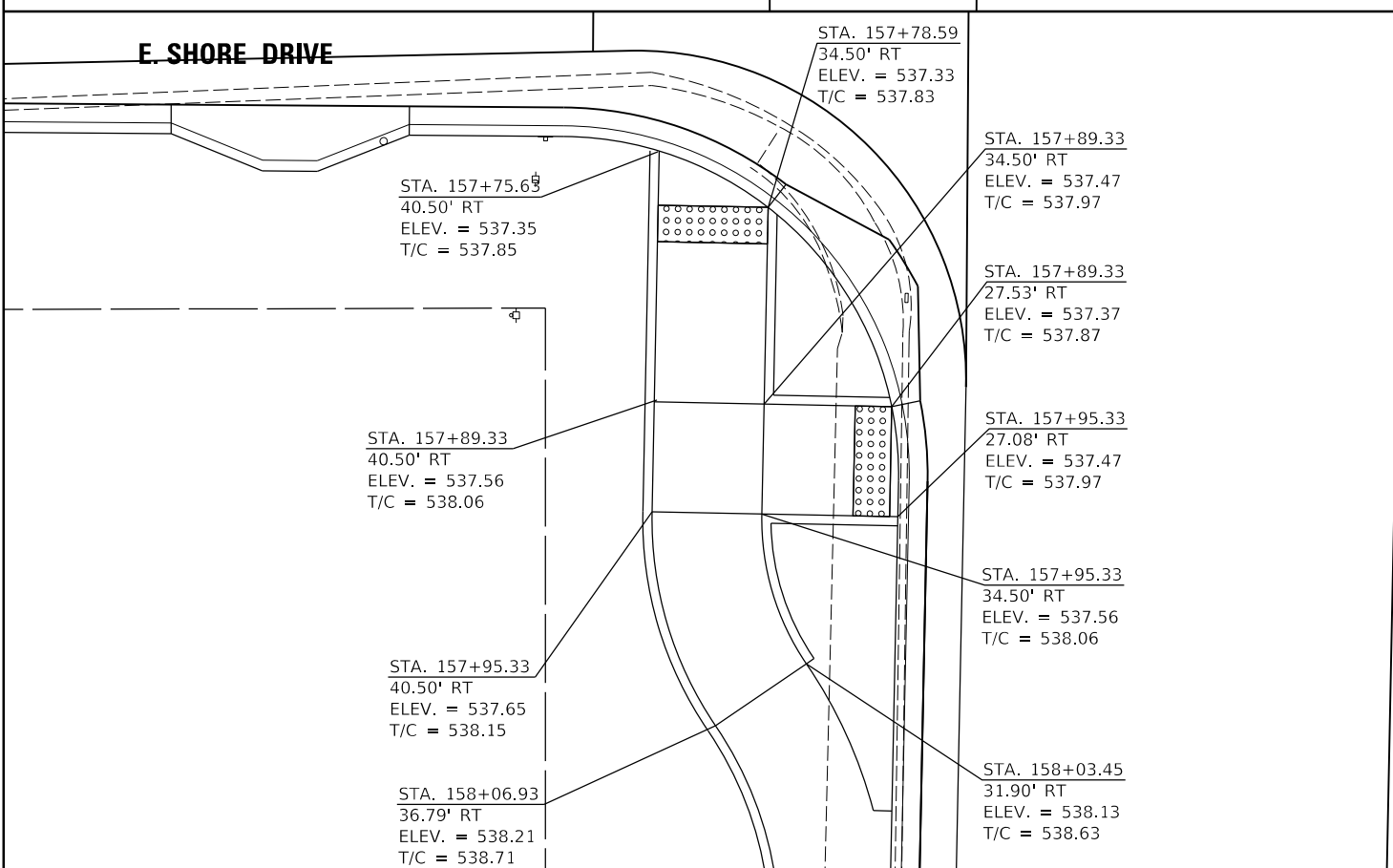
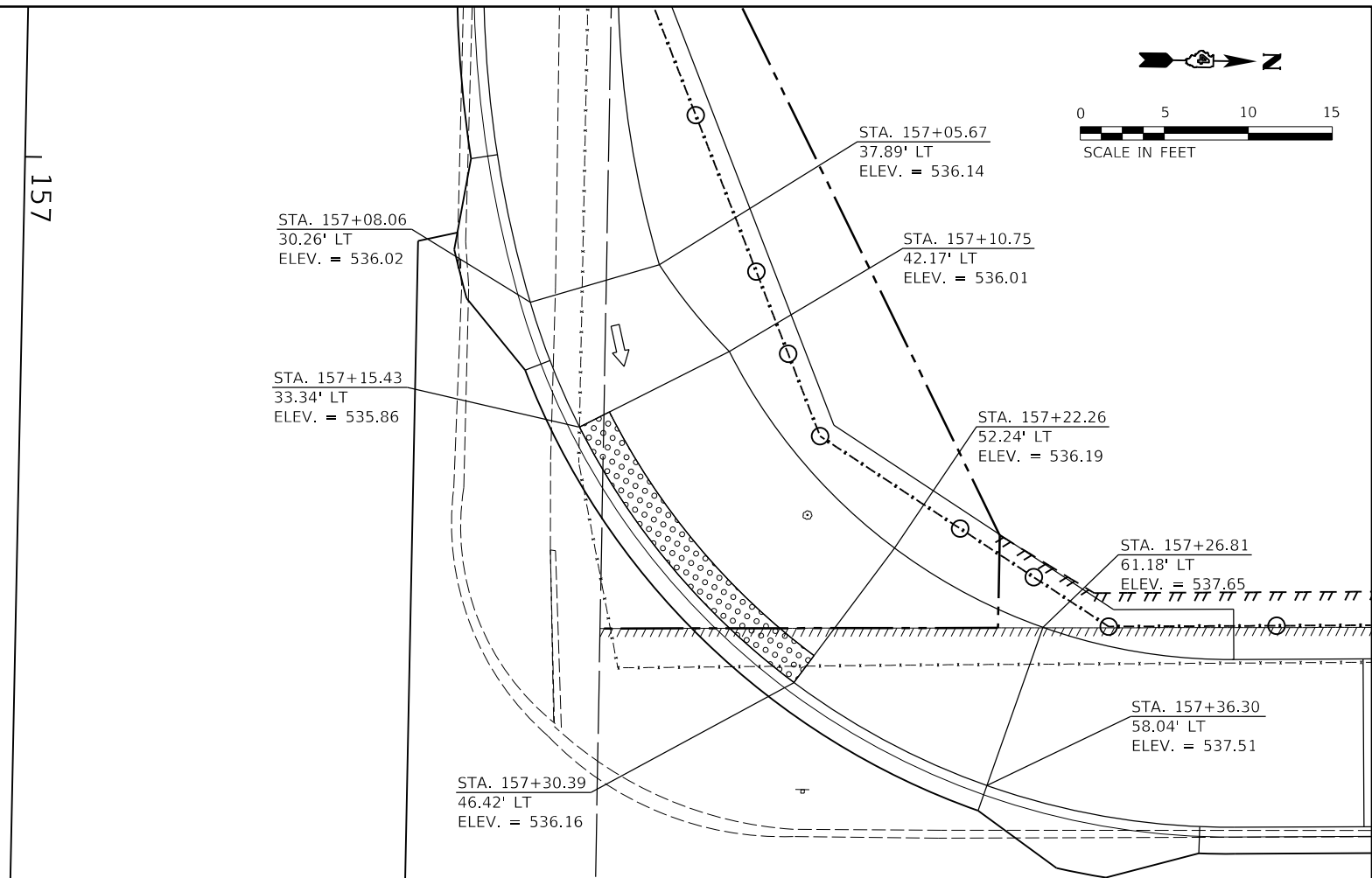
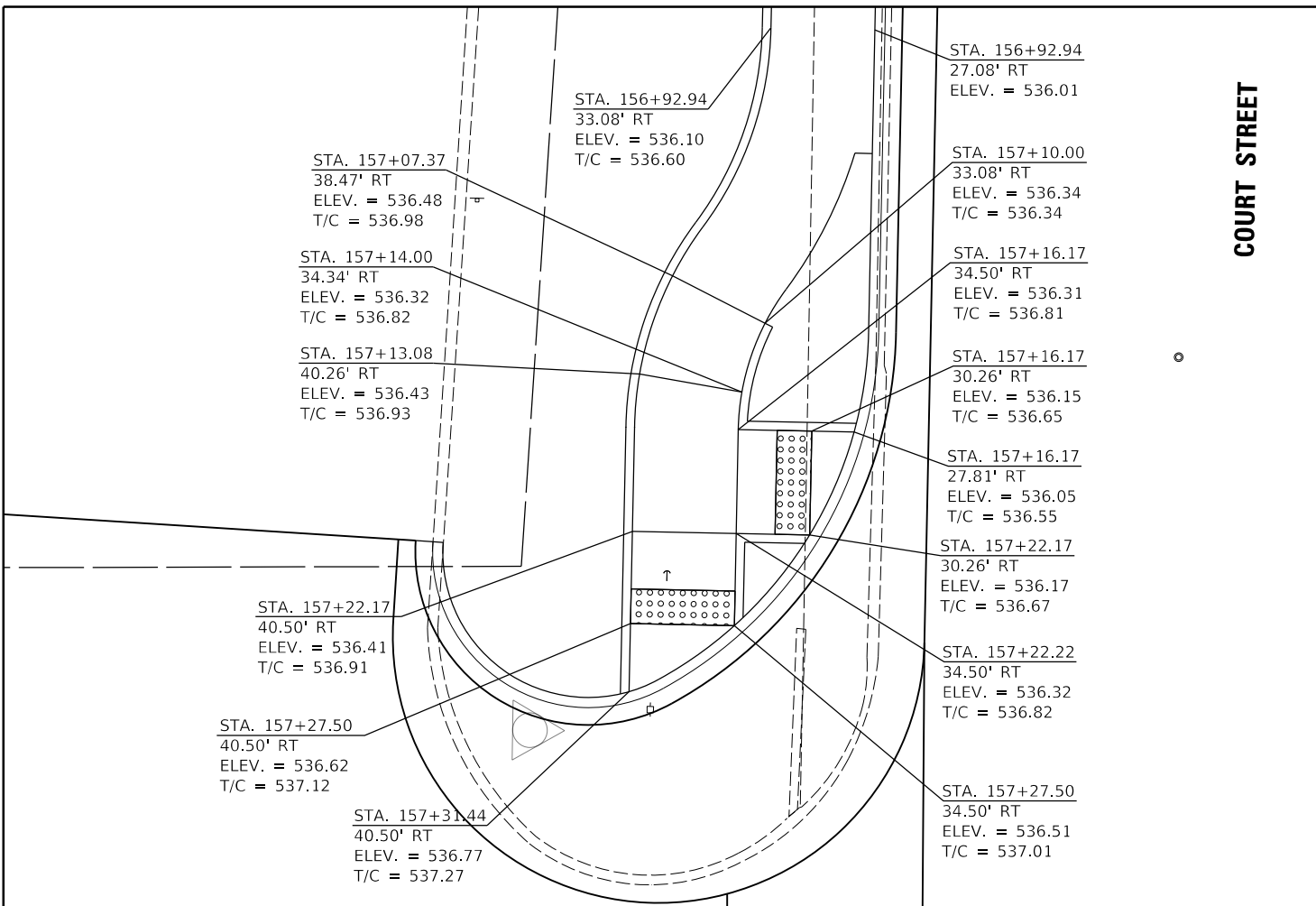
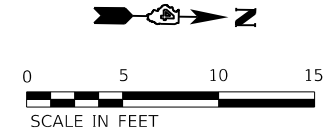
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND HILLTOP DRIVE
INTERSECTION DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	136
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



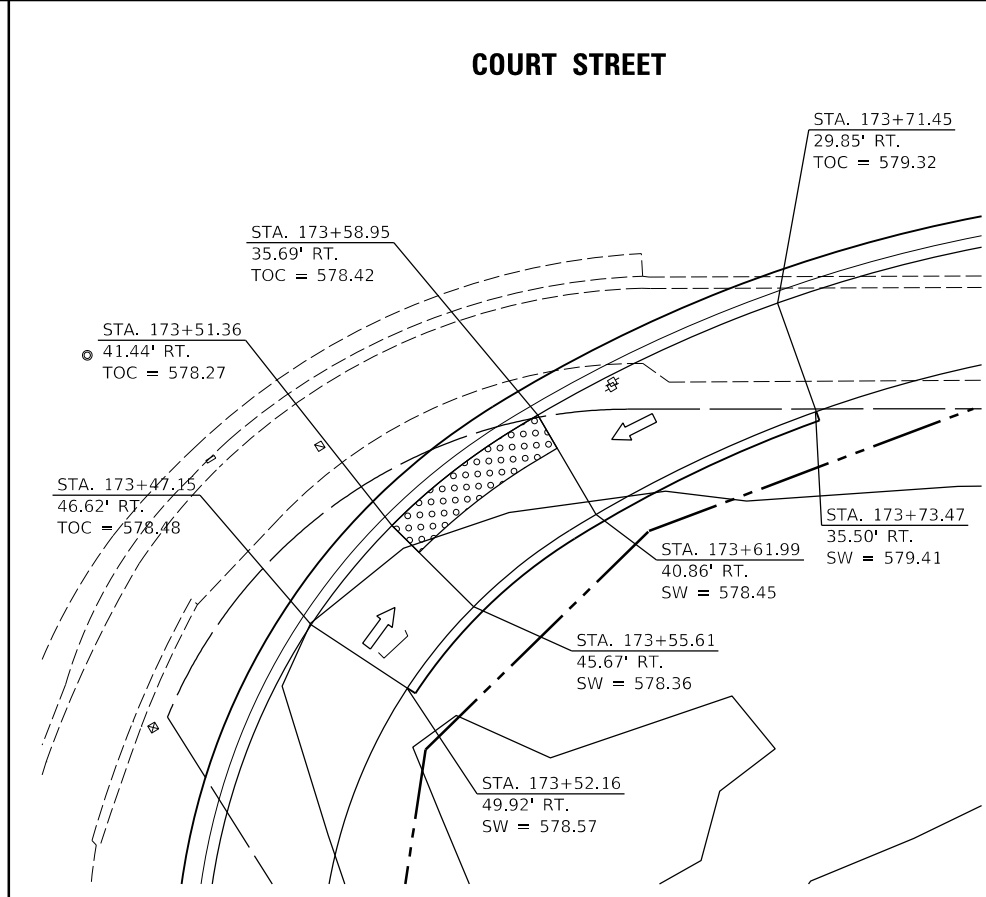
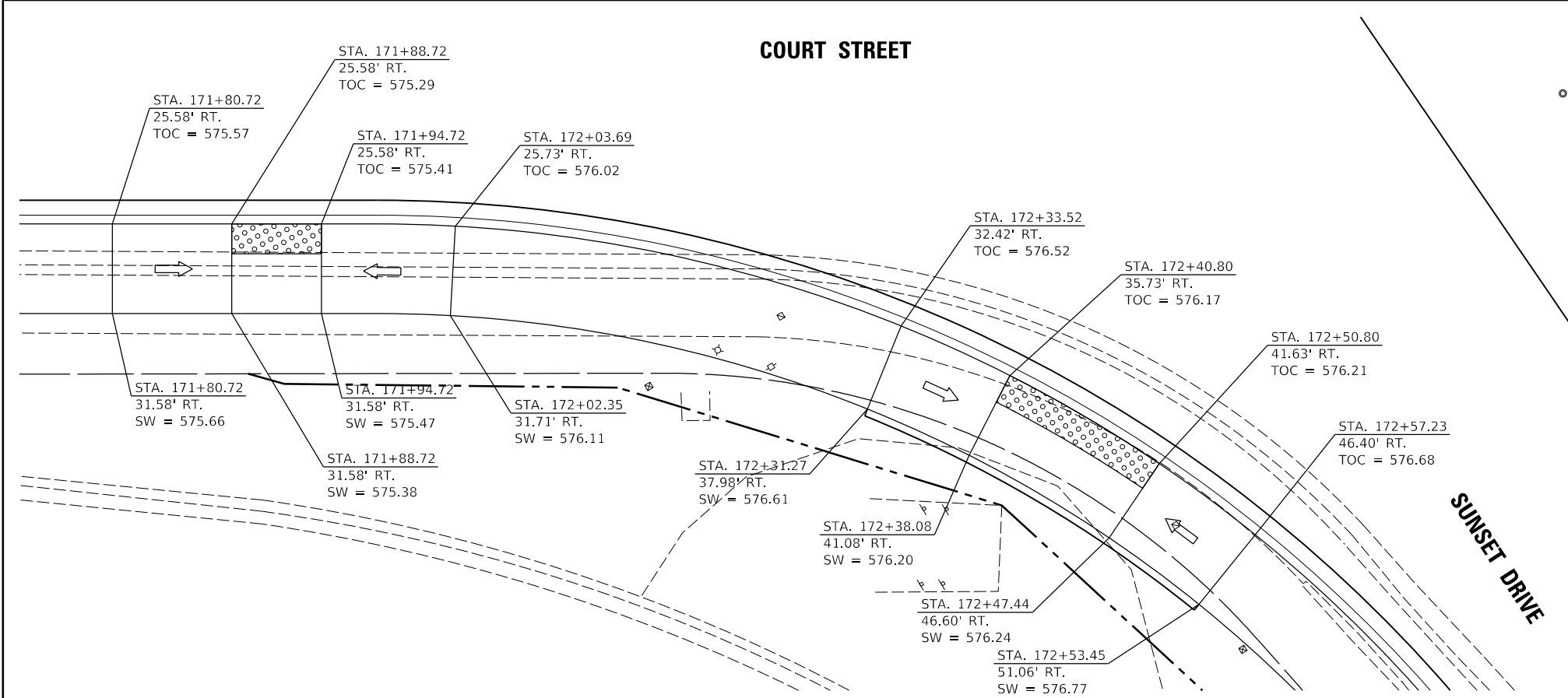
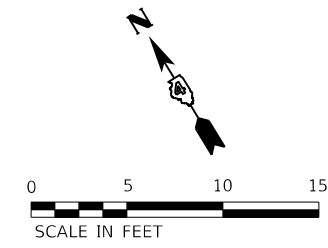
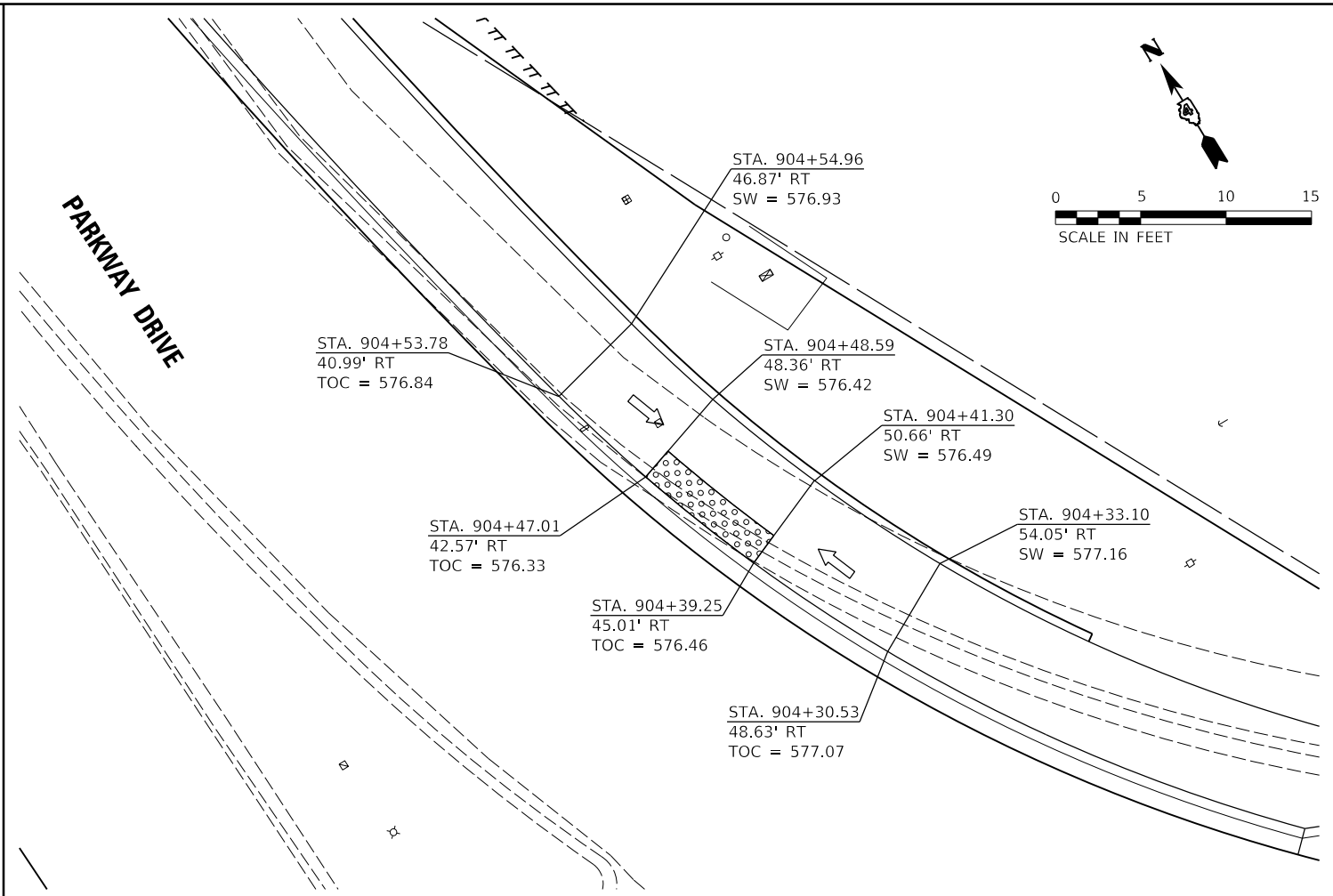
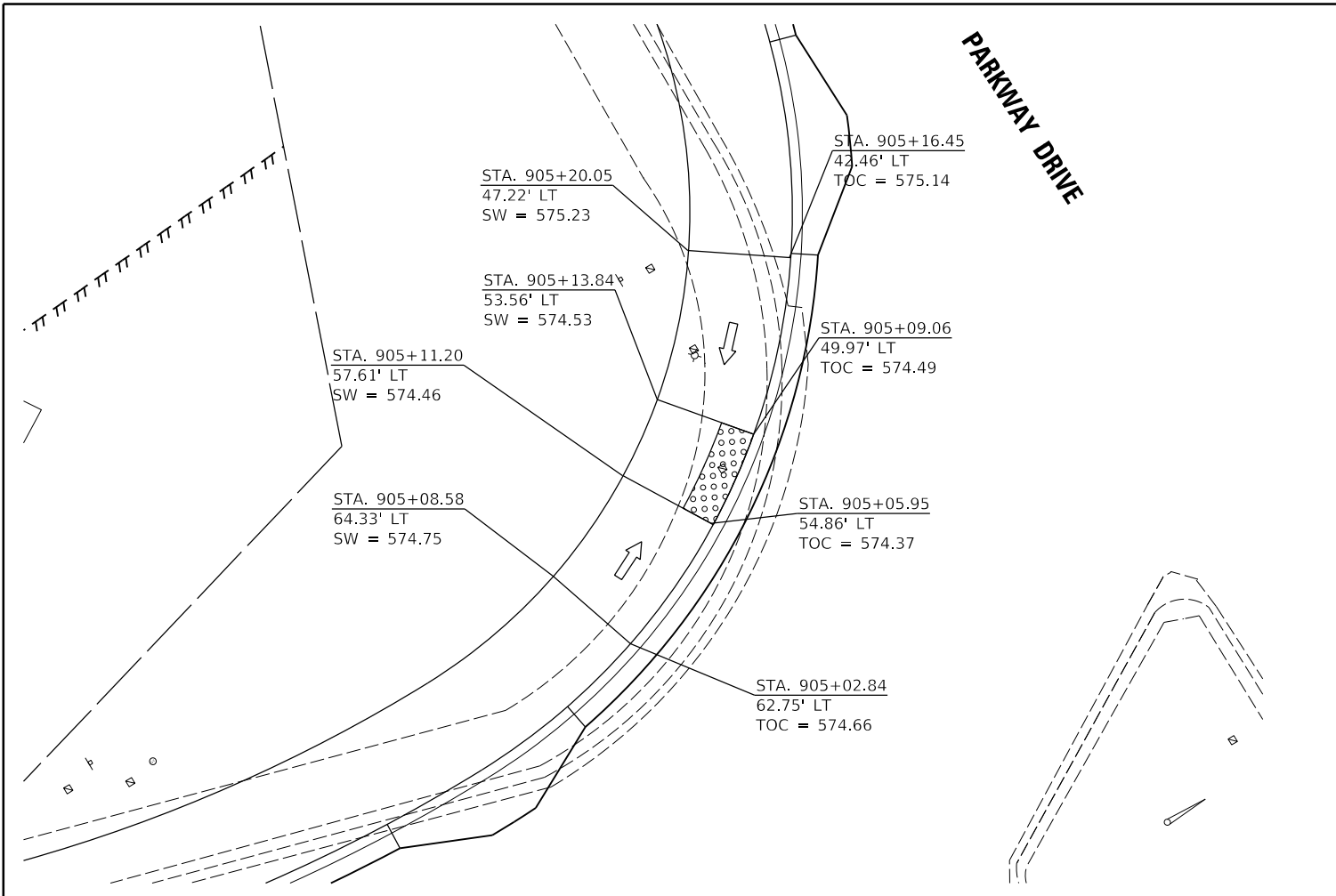
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DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COURT STREET AND STADIUM DRIVE SIDEWALK RAMP DETAILS	
SCALE: 1"=5'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	137
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

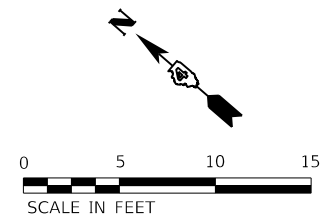
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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND PARKWAY /SUNSET DRIVE
 SIDEWALK RAMP DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	138
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



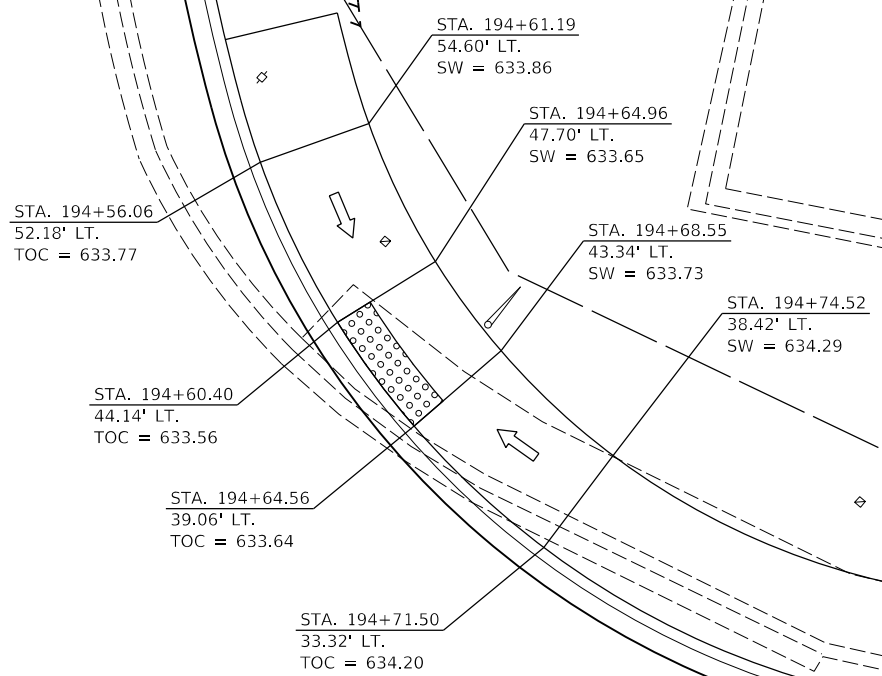
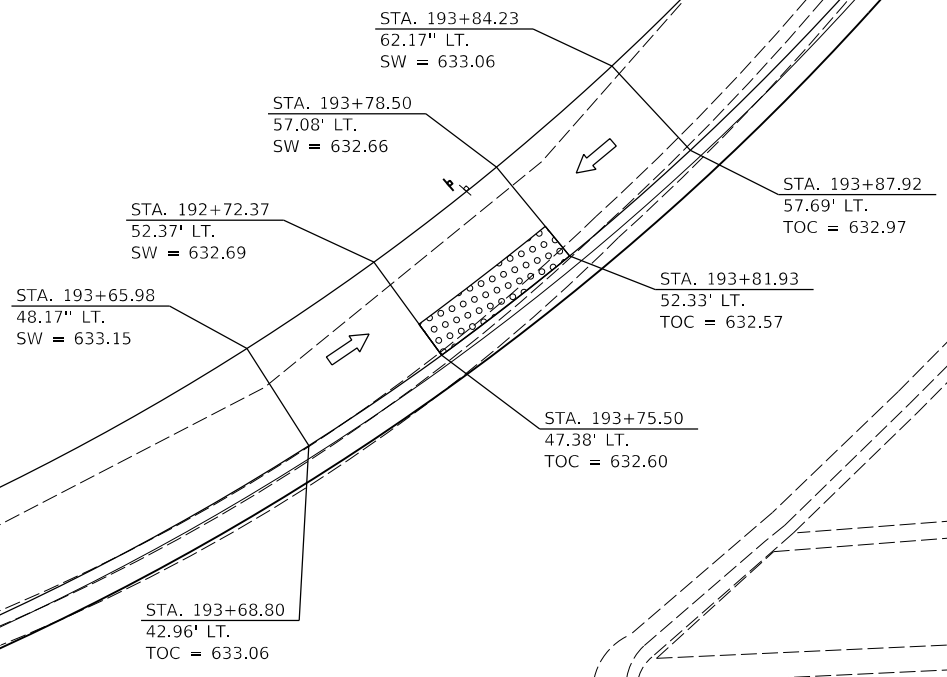
ALLENTOWN ROAD

1000+00

194

COURT STREET

195+



LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

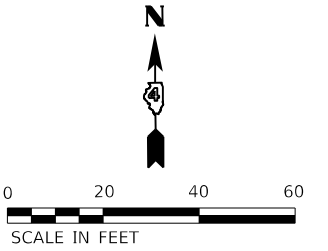
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND ALLENTOWN ROAD
 SIDEWALK RAMP DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	139
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



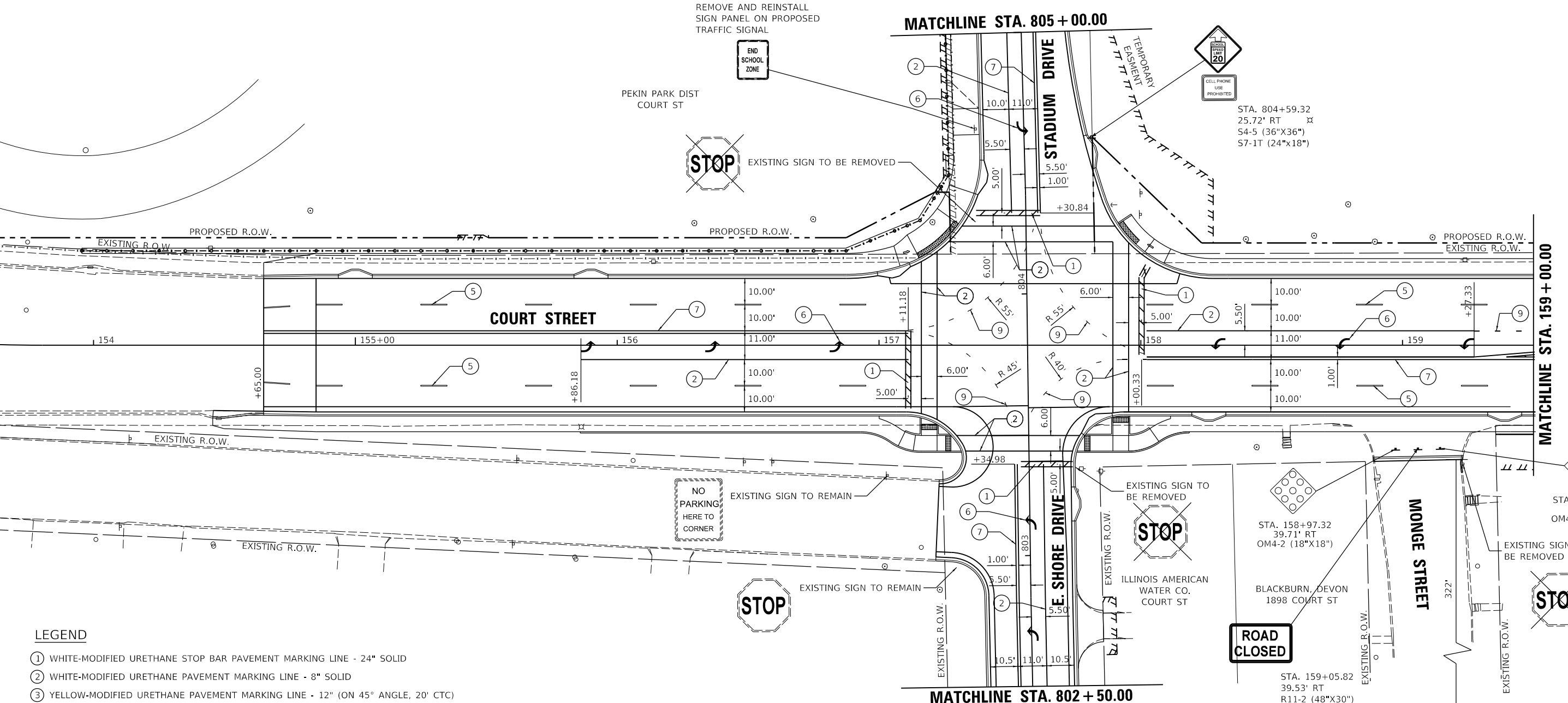
MATCHLINE STA. 805 + 00.00

STADIUM DRIVE

MATCHLINE STA. 802 + 50.00

MATCHLINE STA. 159 + 00.00

COURT STREET



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑪ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 6" SOLID

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LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

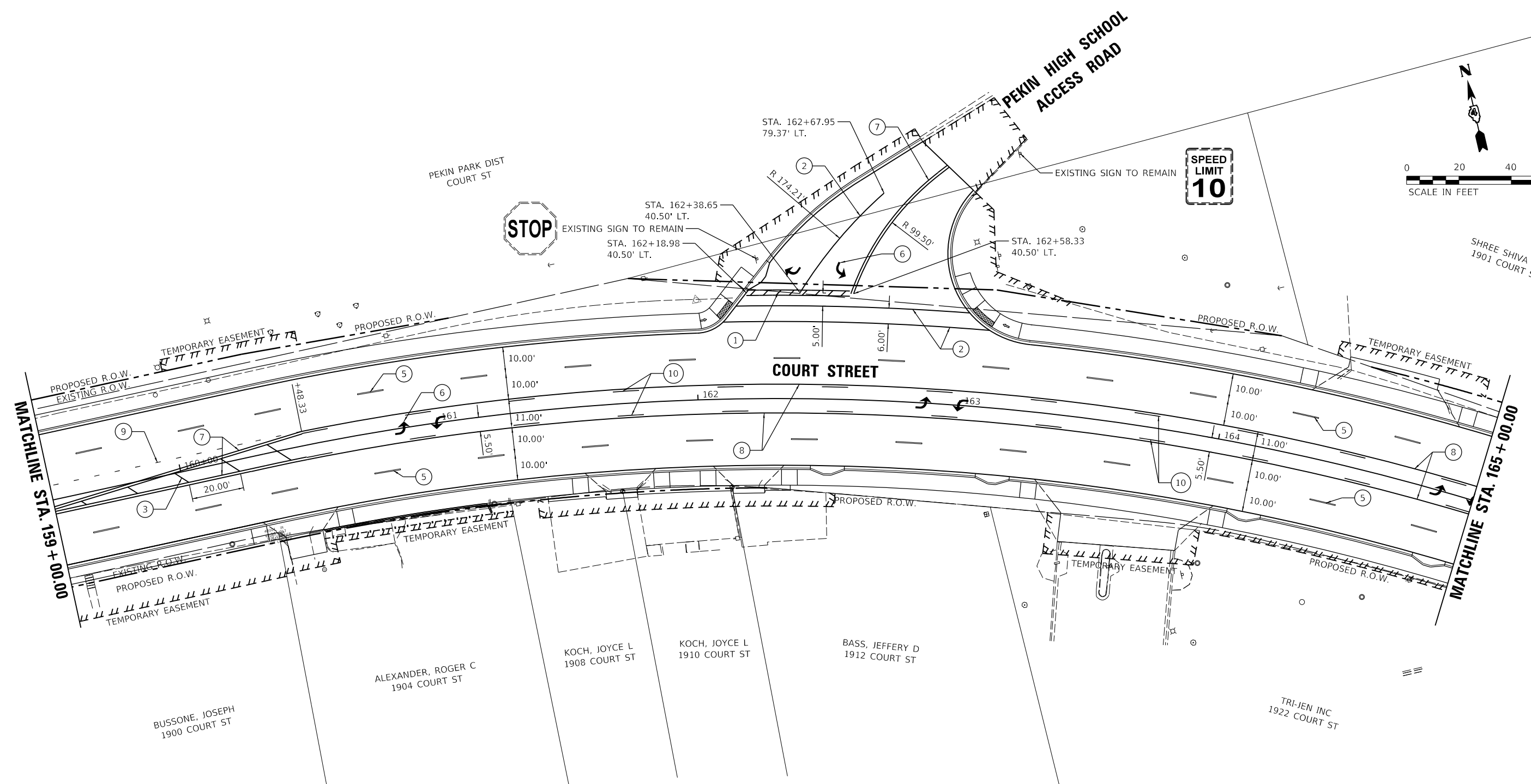
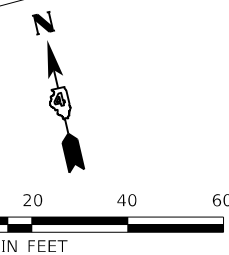
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	PLOT DATE = 2/3/2023	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
PAVEMENT MARKING AND SIGNAGE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	140
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑪ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 6" SOLID

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

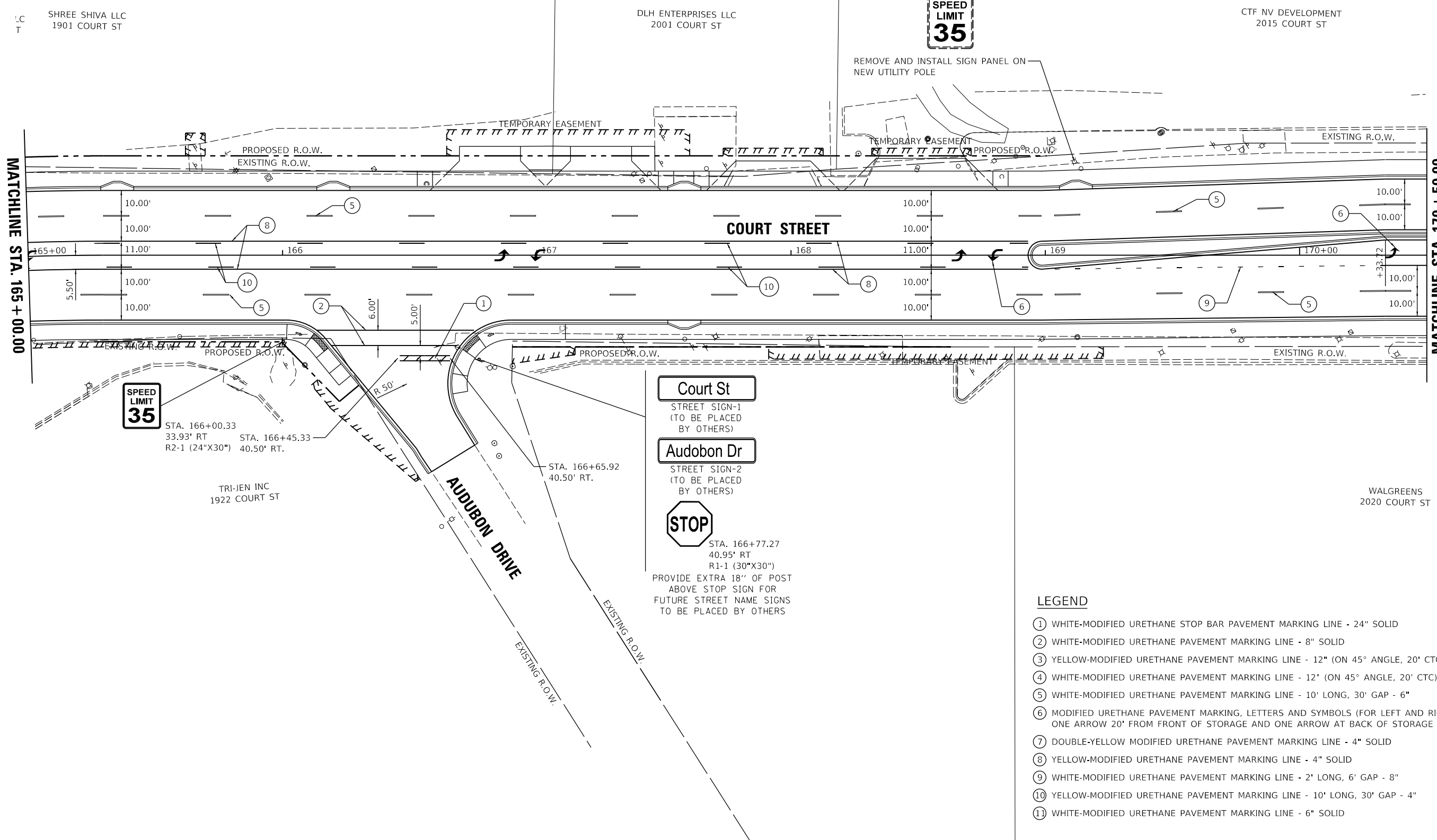
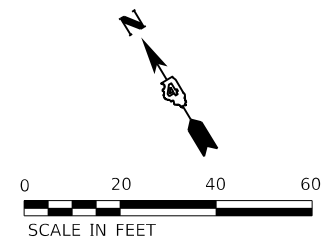
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PLOT SCALE = 40.00' / 1" =		CHECKED - JFC	REVISED -
Default		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 PAVEMENT MARKING AND SIGNAGE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	141
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



SHREE SHIVA LLC
1901 COURT ST

DLH ENTERPRISES LLC
2001 COURT ST

CTF NV DEVELOPMENT
2015 COURT ST

MATCHLINE STA. 165 + 00.00

MATCHLINE STA. 170 + 50.00

SPEED LIMIT 35

STA. 166+00.33
33.93' RT STA. 166+45.33
R2-1 (24"X30") 40.50' RT.

TRI-JEN INC
1922 COURT ST

Court St

STREET SIGN-1
(TO BE PLACED BY OTHERS)

Audobon Dr

STREET SIGN-2
(TO BE PLACED BY OTHERS)

STOP

STA. 166+77.27
40.95' RT
R1-1 (30"X30")
PROVIDE EXTRA 18" OF POST ABOVE STOP SIGN FOR FUTURE STREET NAME SIGNS TO BE PLACED BY OTHERS

WALGREENS
2020 COURT ST

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑪ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 6" SOLID

HANSON
Professional Services Inc.

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

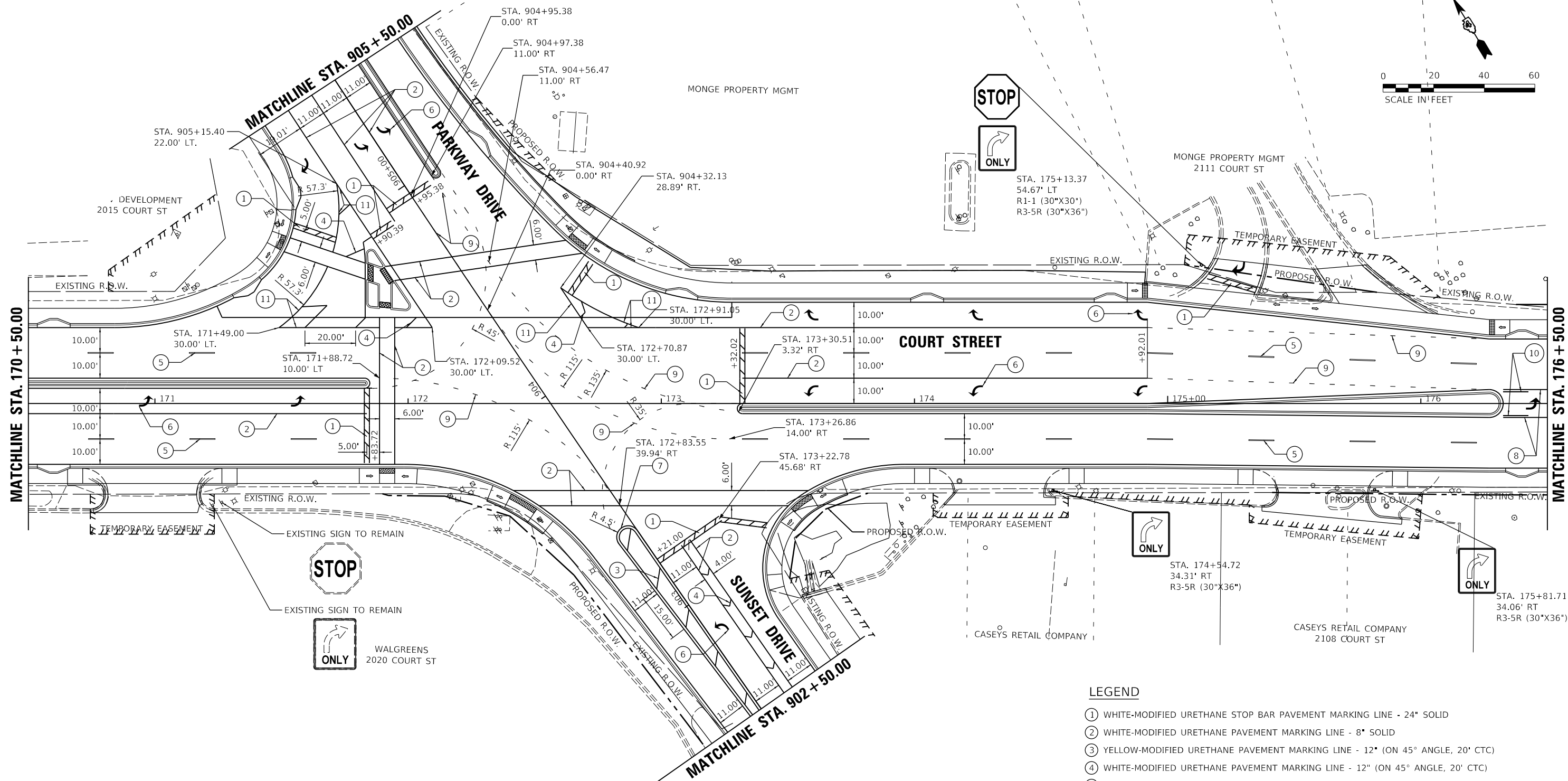
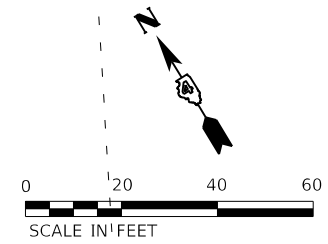
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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
PAVEMENT MARKING AND SIGNAGE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	142
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
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- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
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- ⑪ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 6" SOLID

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

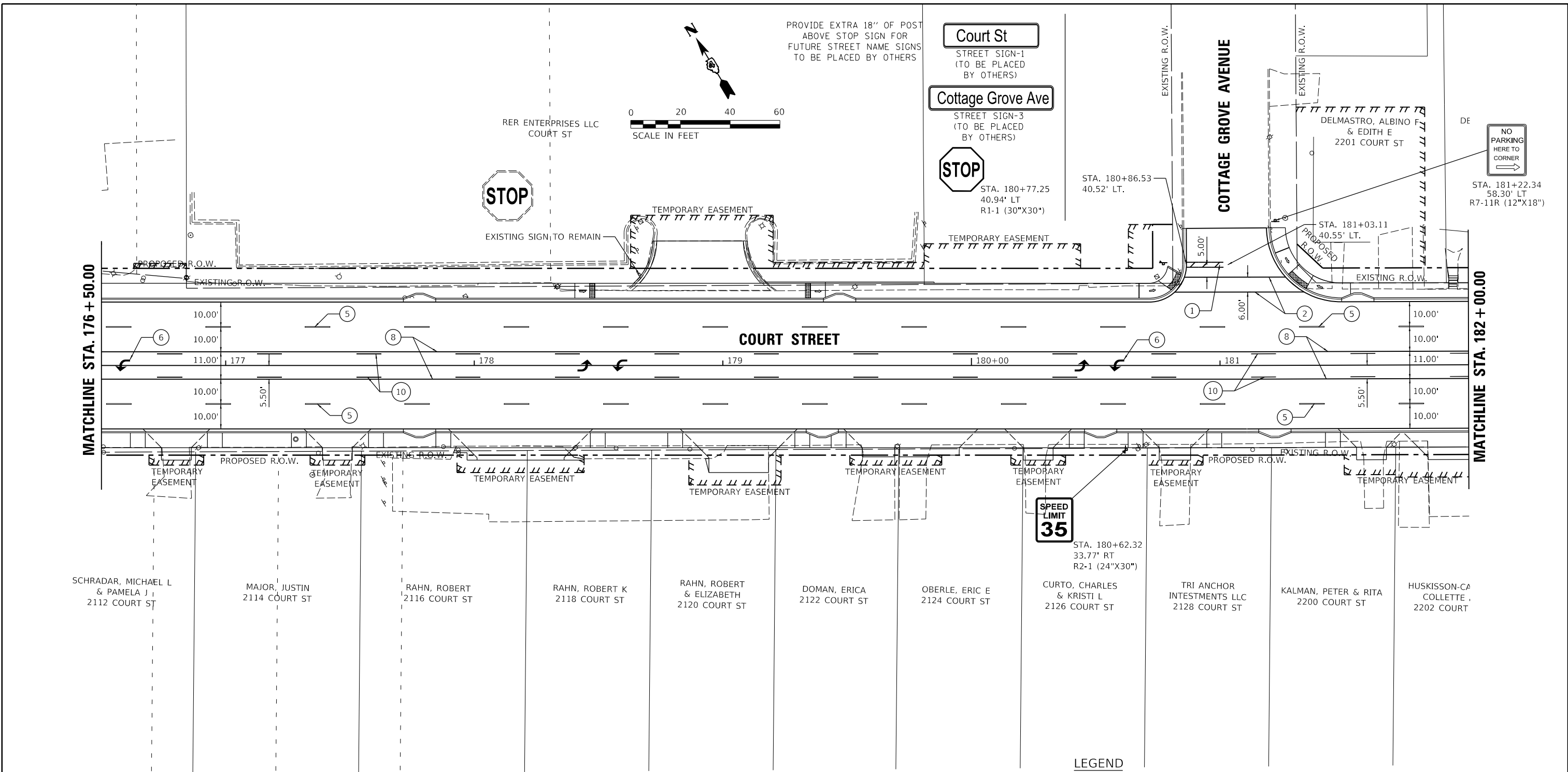
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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 PAVEMENT MARKING AND SIGNAGE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	143
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



LEGEND

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LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

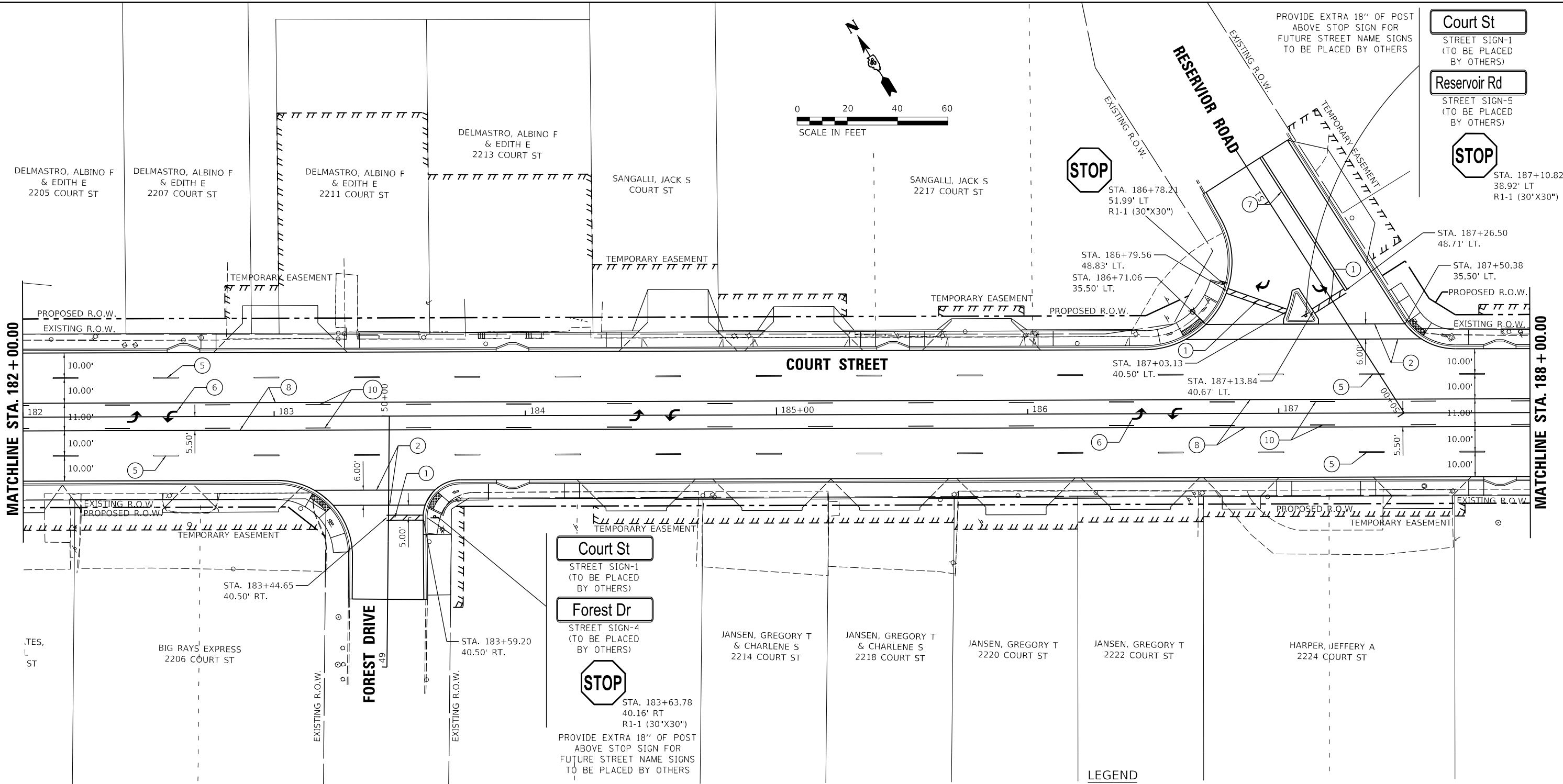
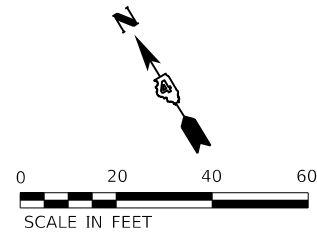
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 PAVEMENT MARKING AND SIGNAGE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	144
			CONTRACT NO. 89804	
		ILLINOIS FED. AID PROJECT		

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



Court St

STREET SIGN-1
(TO BE PLACED
BY OTHERS)

Reservoir Rd

STREET SIGN-5
(TO BE PLACED
BY OTHERS)



STA. 187+10.82
38.92' LT.
R1-1 (30"X30")



STA. 186+78.21
51.99' LT.
R1-1 (30"X30")



STA. 186+79.56
48.83' LT.
STA. 186+71.06
35.50' LT.

STA. 187+26.50
48.71' LT.

STA. 187+50.38
35.50' LT.

MATCHLINE STA. 182 + 00.00

MATCHLINE STA. 188 + 00.00

COURT STREET

Court St

STREET SIGN-1
(TO BE PLACED
BY OTHERS)

Forest Dr

STREET SIGN-4
(TO BE PLACED
BY OTHERS)



STA. 183+63.78
40.16' RT.
R1-1 (30"X30")

PROVIDE EXTRA 18" OF POST
ABOVE STOP SIGN FOR
FUTURE STREET NAME SIGNS
TO BE PLACED BY OTHERS

LEGEND

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LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

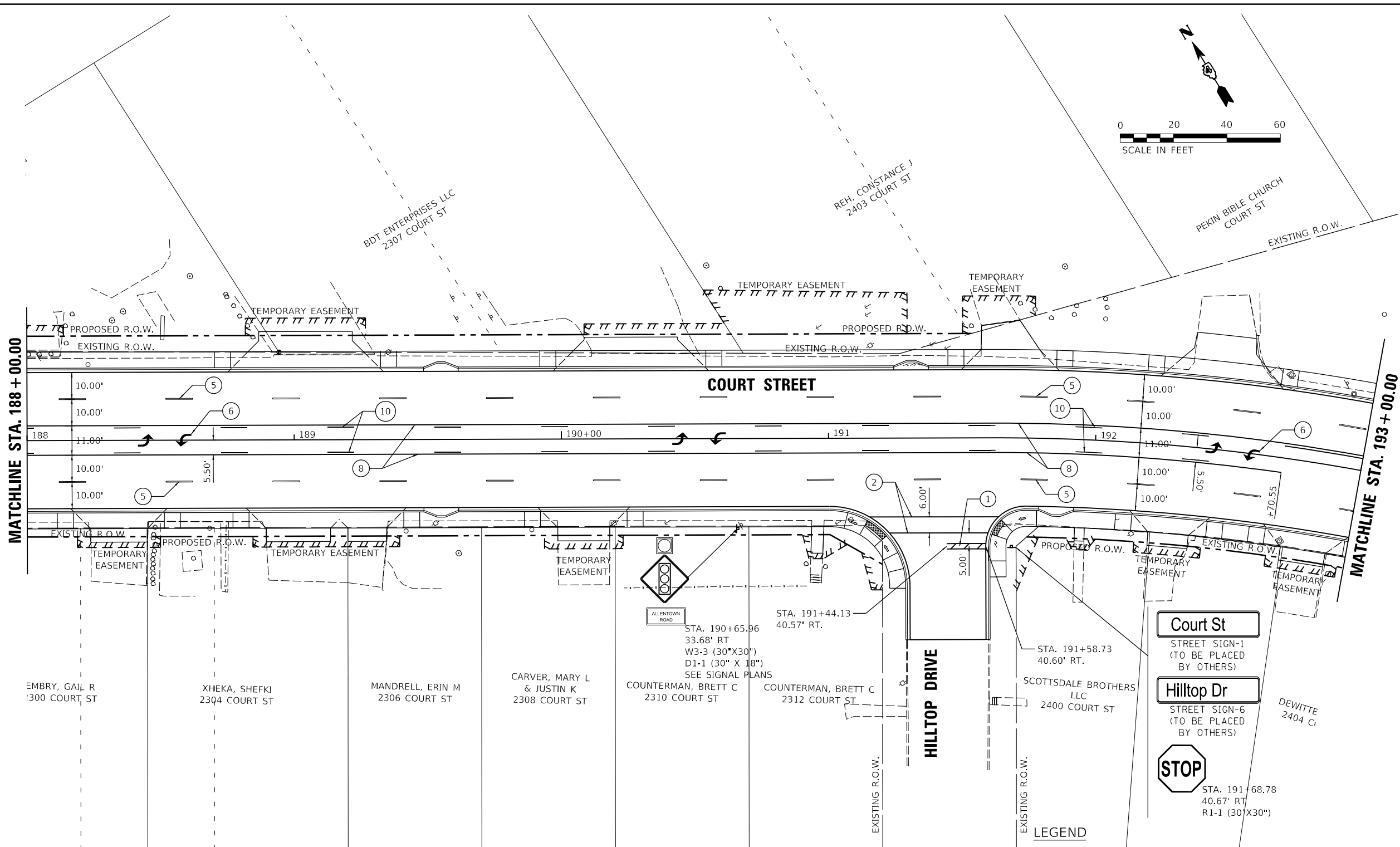
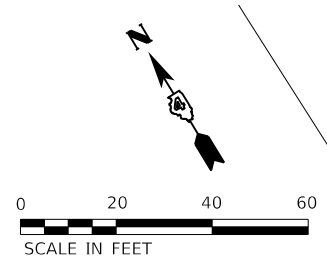
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PLOT DATE = 2/3/2023		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
PAVEMENT MARKING AND SIGNAGE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	145
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



- LEGEND**
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LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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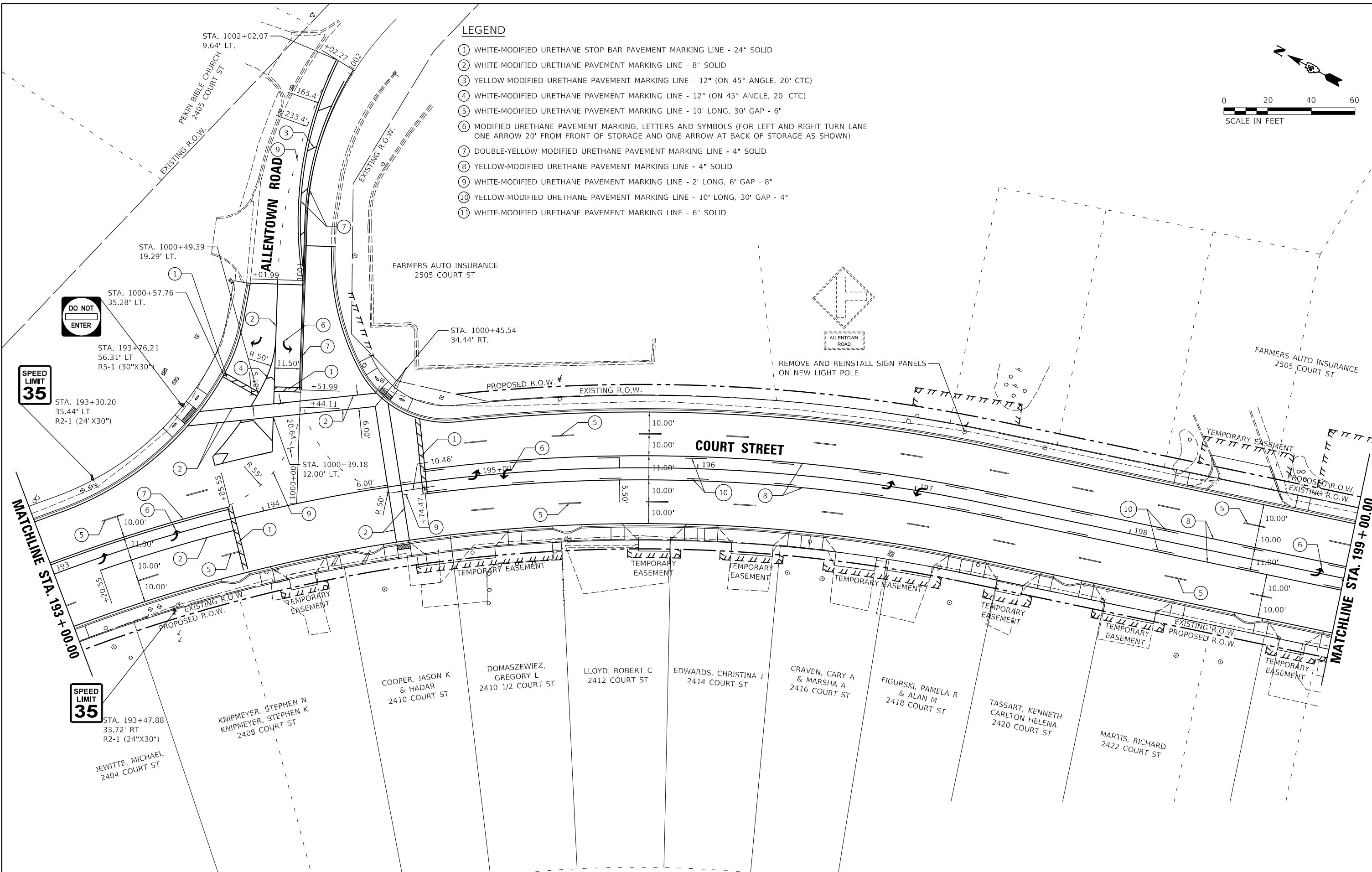
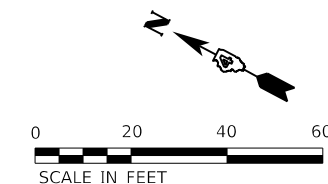
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COURT STREET PAVEMENT MARKING AND SIGNAGE			
SCALE: 1"=20'	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	146
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	

LEGEND

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LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

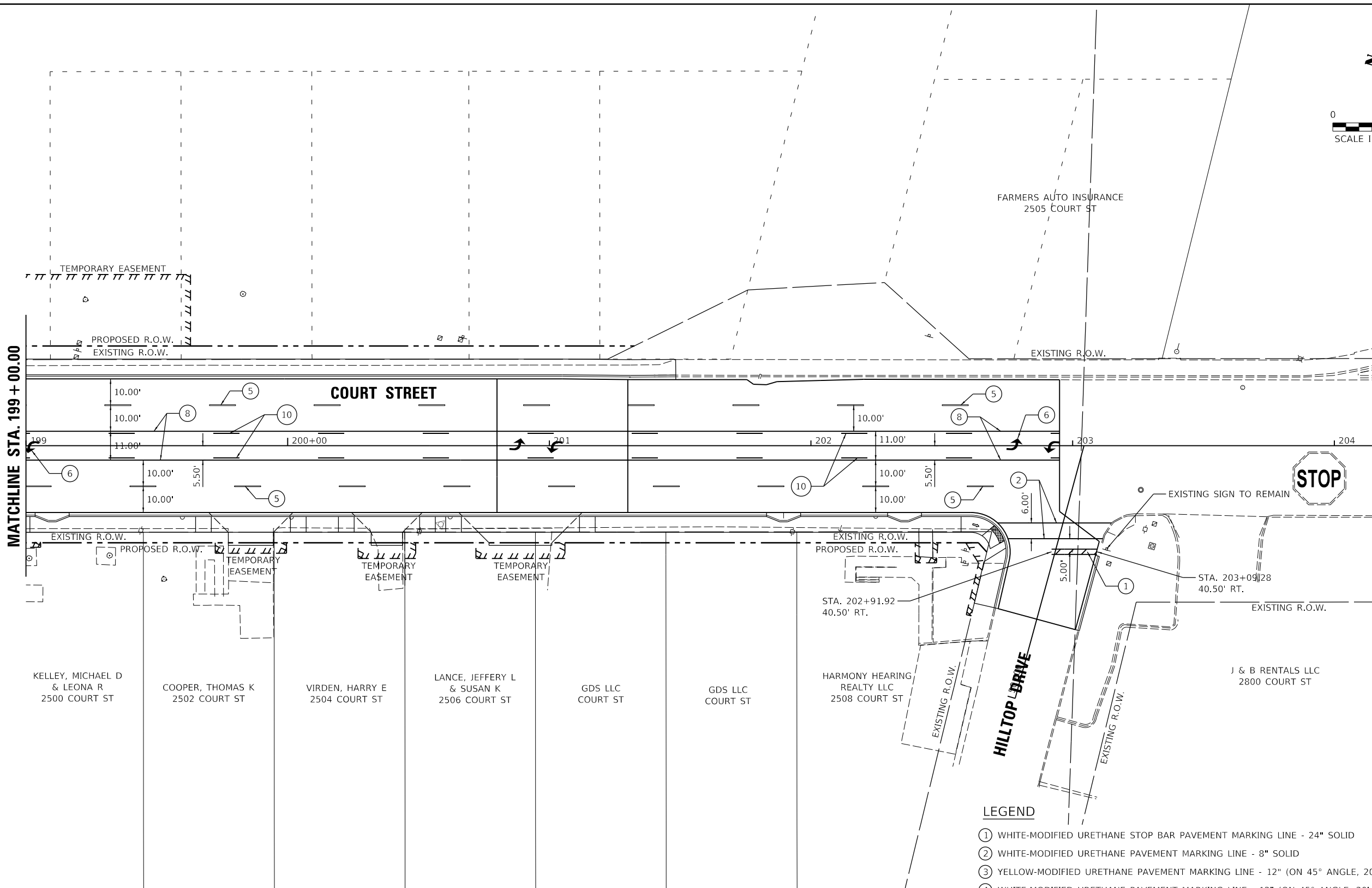
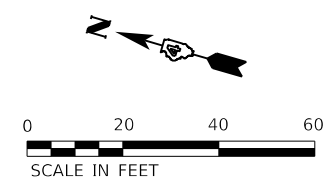
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PLOT DATE = 2/3/2023		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 PAVEMENT MARKING AND SIGNAGE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	147
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



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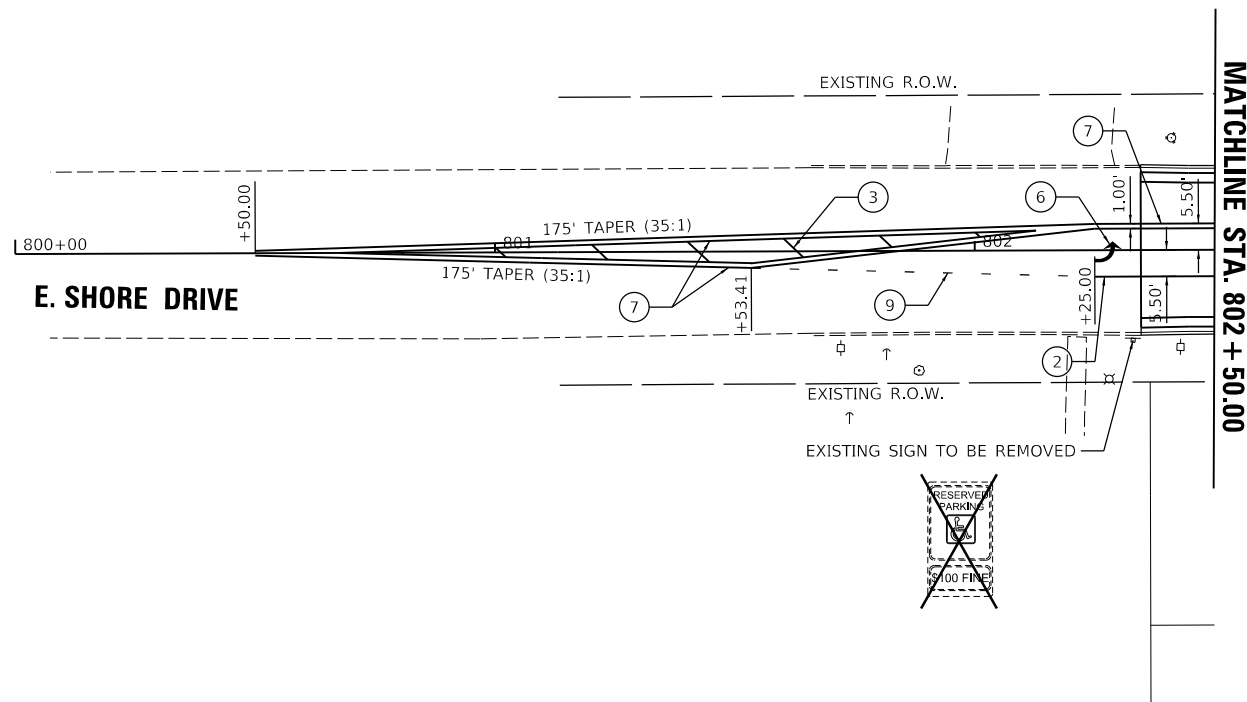
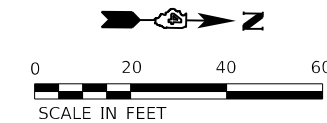
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DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

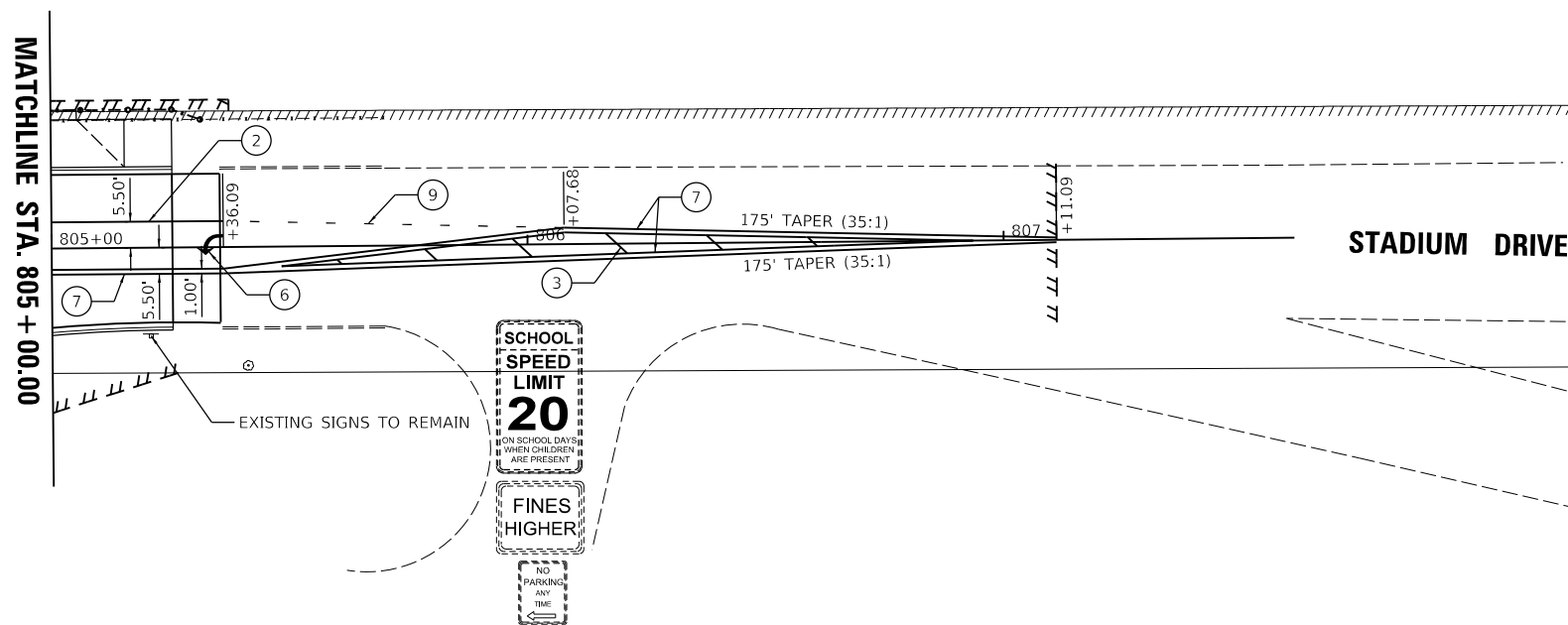
COURT STREET PAVEMENT MARKING AND SIGNAGE	
SCALE: 1"=20'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	148
			CONTRACT NO. 89804	
ILLINOIS FED. AID PROJECT				



LEGEND

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LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

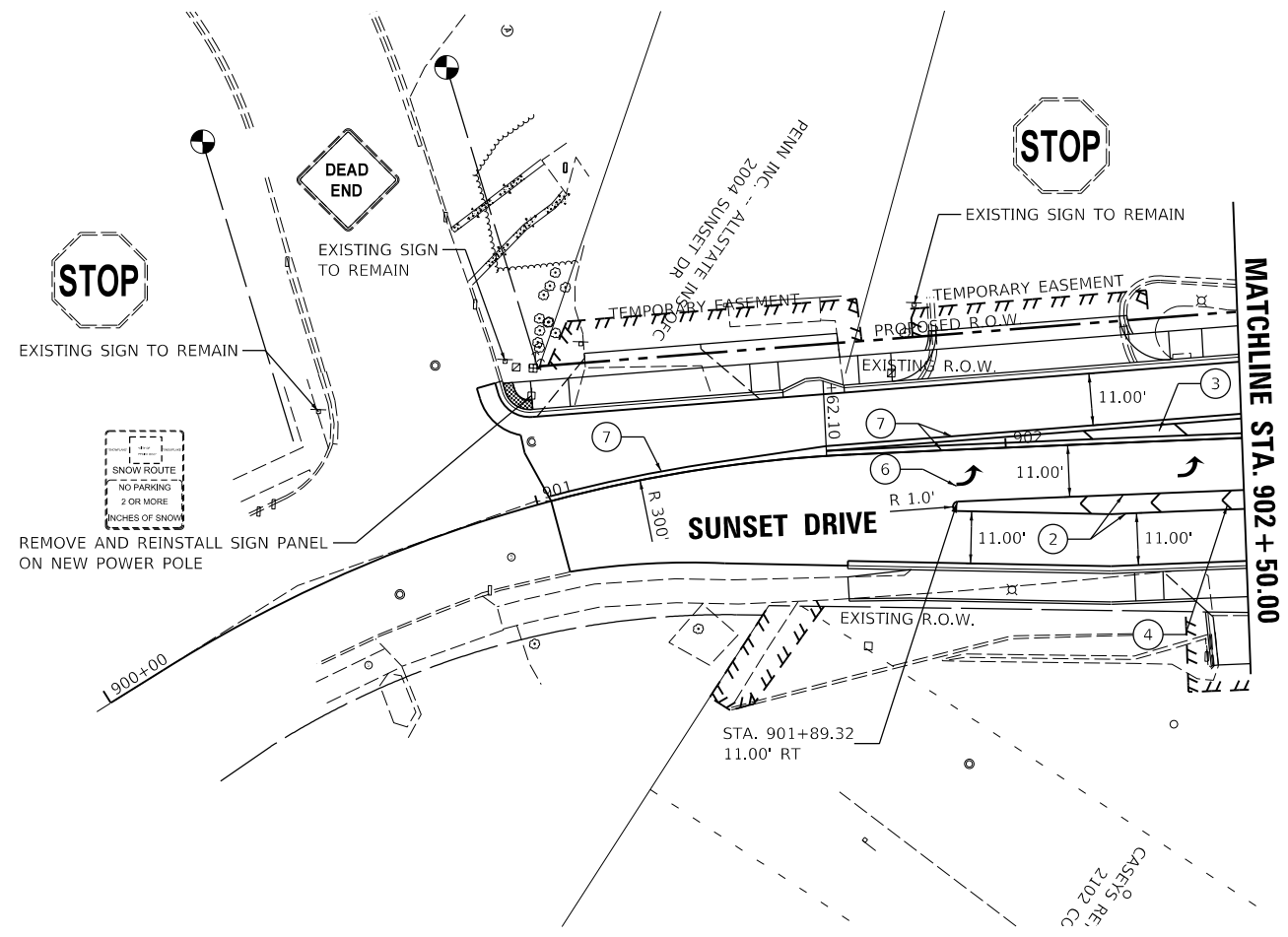
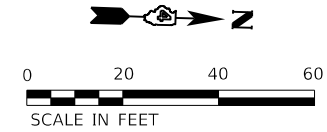
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SHORE DRIVE AND STADIUM DRIVE
PAVEMENT MARKING AND SIGNAGE**

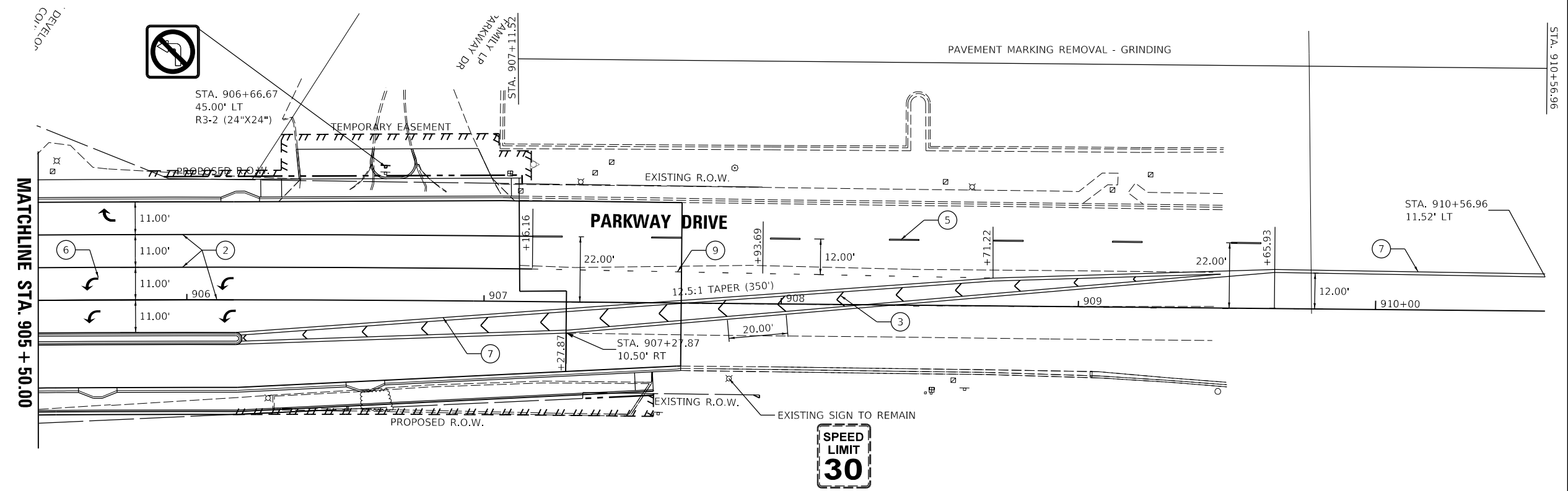
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	149
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



LEGEND

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LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

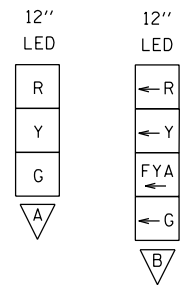
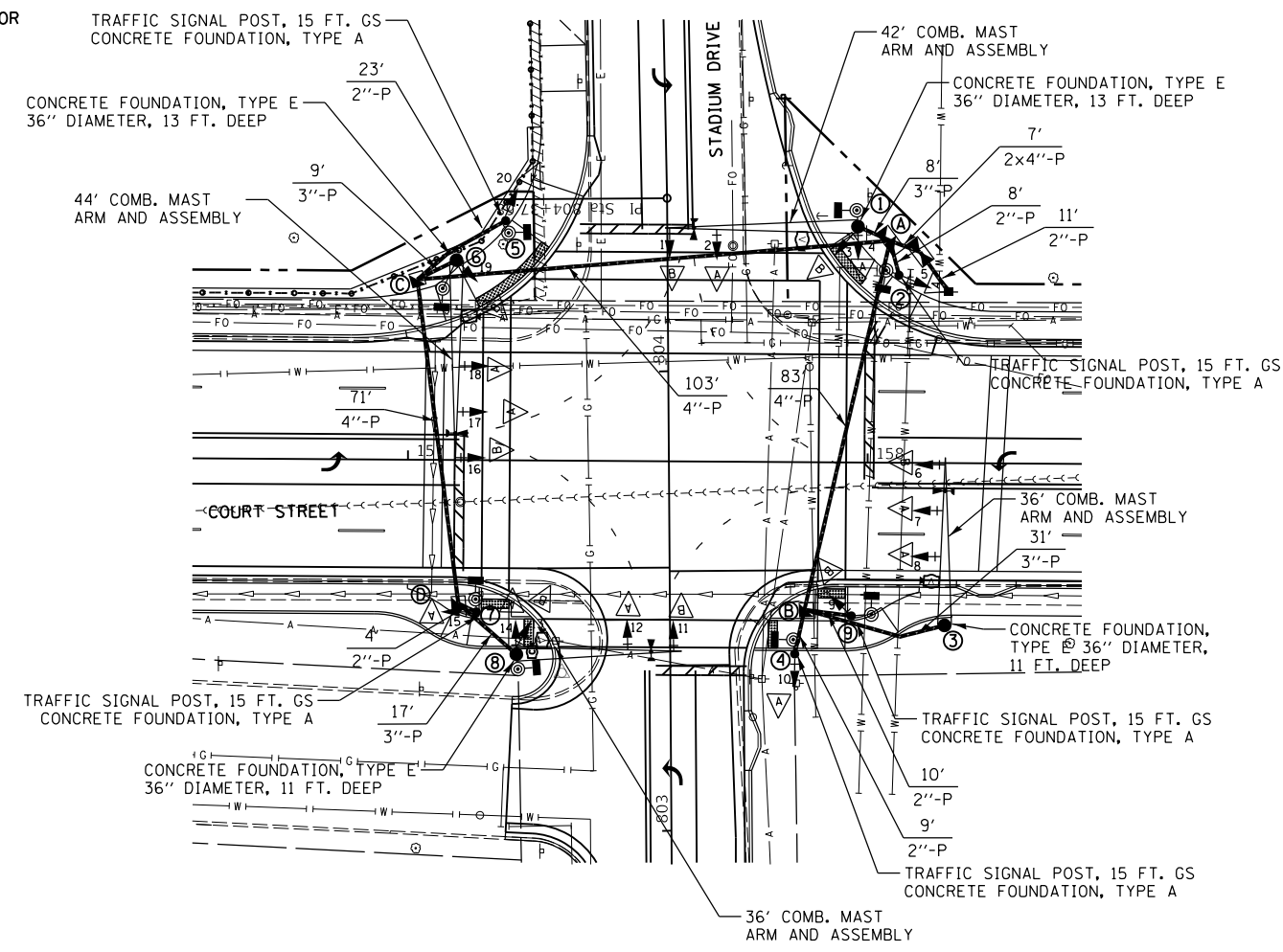
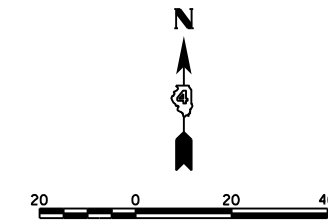
**SUNSET DRIVE AND PARKWAY DRIVE
PAVEMENT MARKING AND SIGNAGE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	150
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL PLAN LEGEND

PROPOSED	DESCRIPTION
	SIGNAL HEAD WITH BACKPLATE
	SIGNAL POST
	CONTROLLER
	HANDHOLE
	DOUBLE HANDHOLE
	PEDESTRIAN COUNTDOWN SIGNAL HEAD
	PUSH BUTTON
	CONDUIT
	LENGTH
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
	EMERGENCY VEHICLE PREEMPTION DETECTOR
	CONFIRMATION BEACON
	VIDEO VEHICLE DETECTOR



HANDHOLE DATA

NO.	STATION	OFFSET
A	158+05	48' LT
B	157+87	32' RT
C	157+02	39' LT
D	157+11	32' RT

POST AND MAST ARM DATA

NO.	STATION	OFFSET
C1	158+11	46' LT
P1	157+98	51' LT
P2	158+07	41' LT
P3	158+17	35' RT
P4	157+84	42' RT
P5	157+21	52' LT
P6	157+10	43' LT
P7	157+15	31' RT
P8	157+24	42' RT
P9	157+97	33' RT

DESCRIPTION	UNIT	TOTAL
SIGN PANEL - TYPE 1	SQ FT	20
SIGN PANEL - TYPE 2	SQ FT	60
SERVICE INSTALLATION, TYPE A	EACH	1
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	65
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	68
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	271
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	768
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1647
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2549
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	768
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	30
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	564
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	5
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	15
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	48
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	20
LIGHT DETECTOR	EACH	4
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1735
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1
WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1
CAT 5 ETHERNET CABLE	FOOT	273
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1735
FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

LAYOUT	NN	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	TMA	2/3/23

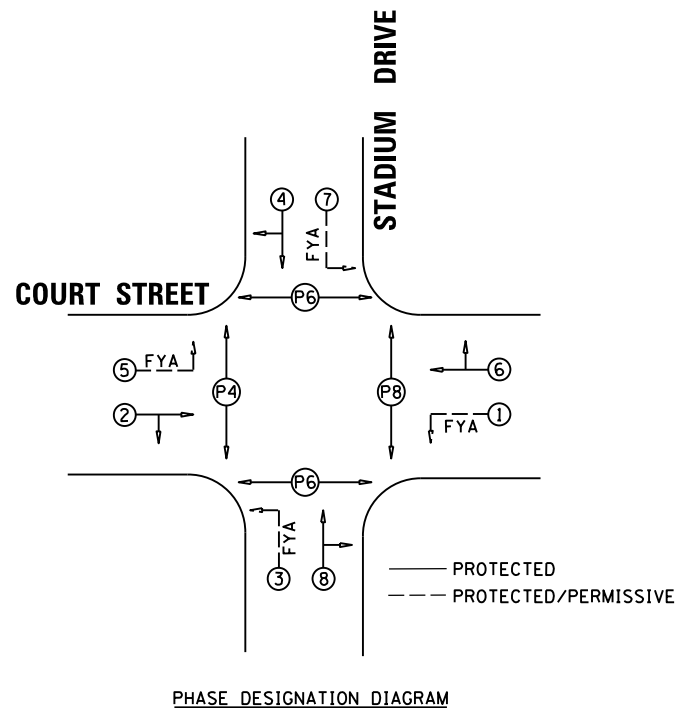
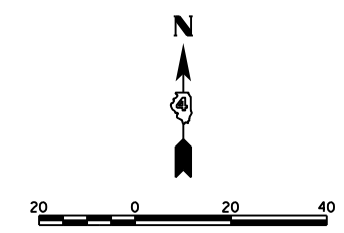
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PLOT DATE = 2/3/2023		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND STADIUM DRIVE
 TRAFFIC SIGNAL PLANS**

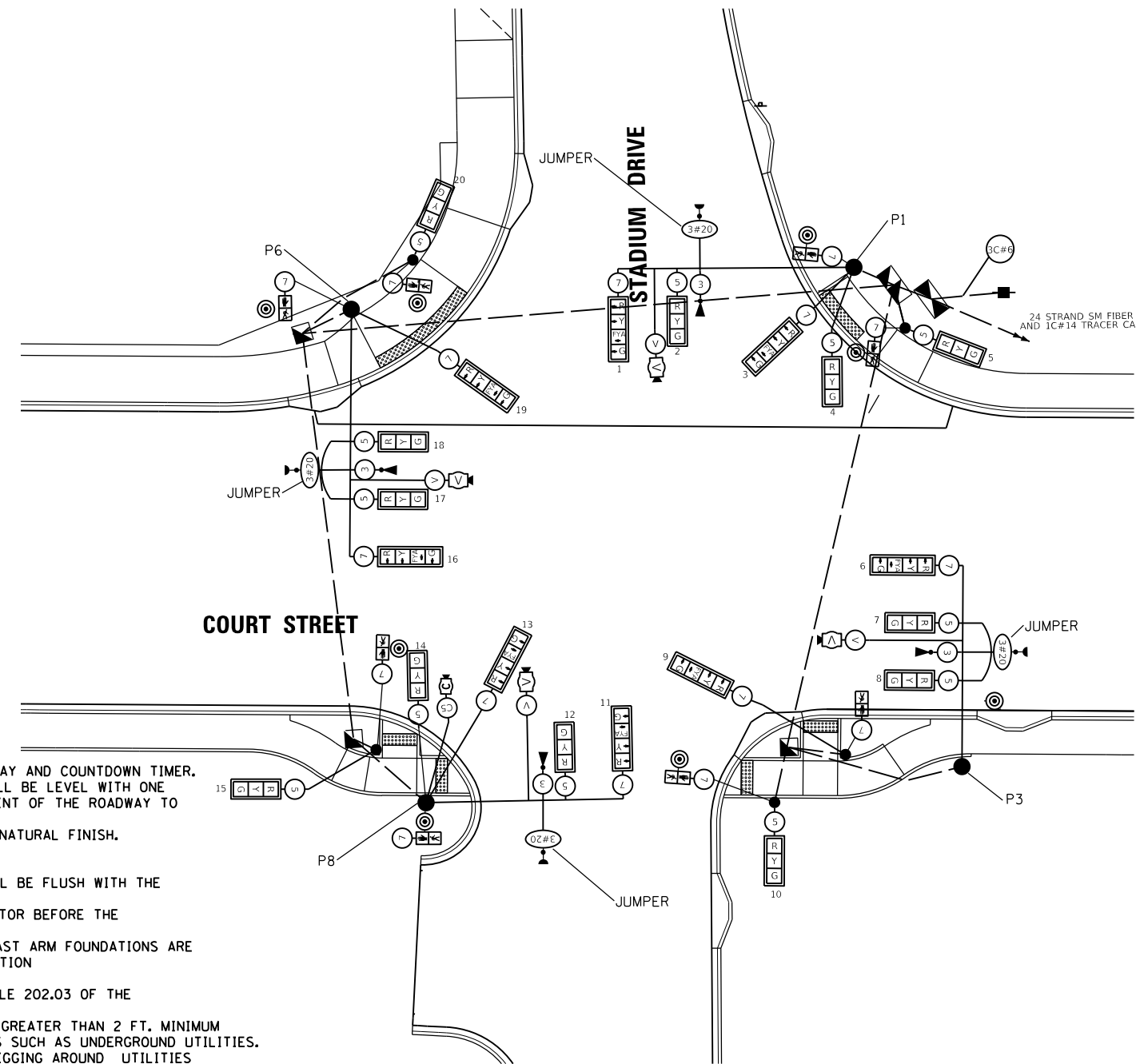
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	151
			CONTRACT NO. 89804	
ILLINOIS FED. AID PROJECT				



PHASE DESIGNATION DIAGRAM

— PROTECTED
 - - - PROTECTED/PERMISSIVE



TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

PROPOSED	DESCRIPTION
Ⓢ	ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
Ⓥ	VIDEO POWER AND COMMUNICATION CABLES
☐☐☐	SIGNAL FACE WITH BACKPLATE
Ⓡ	12" SIGNAL SECTION
Ⓜ	PEDESTRIAN SIGNAL FACE
Ⓜ	HANDHOLE
Ⓜ	DOUBLE HANDHOLE
Ⓜ	CONTROLLER
●	MAST ARM POLE OR SIGNAL POST
⊙PB	PEDESTRIAN PUSH BUTTON
Ⓧ	VIDEO VEHICLE DETECTION WITH CABLES
Ⓜ	EMERGENCY VEHICLE PREEMPTION DETECTOR
⊕	CONFIRMATION BEACON

TRAFFIC SIGNAL GENERAL NOTES

- ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
- ALL PEDESTRIAN SECTIONS SHALL HAVE 16" LENSES WITH A MAN/HAND OVERLAY AND COUNTDOWN TIMER.
- THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY TO BOTTOM OF THE SIGNAL BACKPLATE.
- ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE GALVANIZED STEEL WITH A NATURAL FINISH.
- ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
- PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
- THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
- THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH OR IN AN INDIRECT ROUTE BETWEEN STRUCTURES 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.
- ALL TRAFFIC SIGNAL STRUCTURES SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C" AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS (INCLUDING CLAMPS, HARDWARE, ELECTRICAL CABLE, AND ALL OTHER ITEMS REQUIRED TO BOND THE STRUCTURES).
- A 1/2" DIAMETER CONTINUOUS POLYESTER MULE TAPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER.
- ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
- THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
- ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
- COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
- POTHOLING TO LOCATE EXISTING UNDERGROUND UTILITIES SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE CONDUIT PAY ITEMS.
- THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING. THERE WILL BE NO ADDITIONAL COMPENSATION PAID FOR CLAIMS THAT ARISE FROM A FAILURE TO FULLY INVESTIGATE EXISTING FIELD CONDITIONS.
- EXISTING SIGNAL(S) TO REMAIN IN OPERATION UNTIL THE NEW SIGNAL IS TURNED ON. SWITCH OVER TO THE NEW SIGNAL SHALL BE DURING AN OFF-PEAK TIME TO ALLOW FOR INTERSECTION TO OPERATE UNSIGNALIZED WHILE CONTROLLER IS WIRED TO NEW SIGNALS. NEW SIGNALS SHALL BE COVERED UNTIL IN OPERATION.
- ALL PEDESTRIAN PUSH BUTTON SIGNS SHALL BE CONSTRUCTED FROM TYPE ZZ HIGH INTENSITY PRISMATIC SHEETING.



LAYOUT	NN	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	TMA	2/3/23

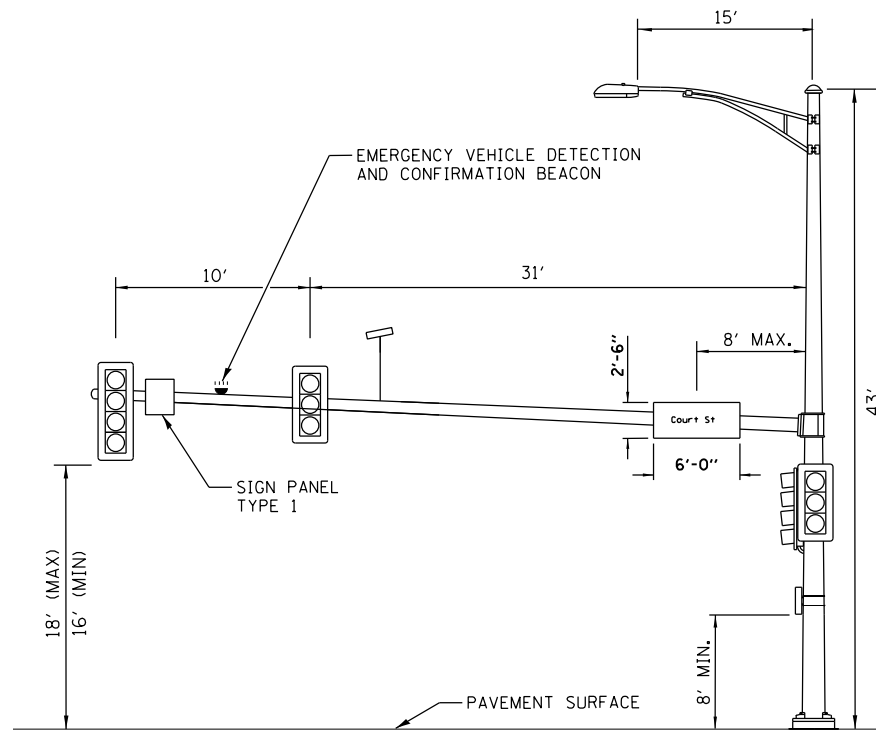
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		CHECKED - TMA	REVISED -
		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COURT STREET AND STADIUM DRIVE
 TRAFFIC CABLE PLANS

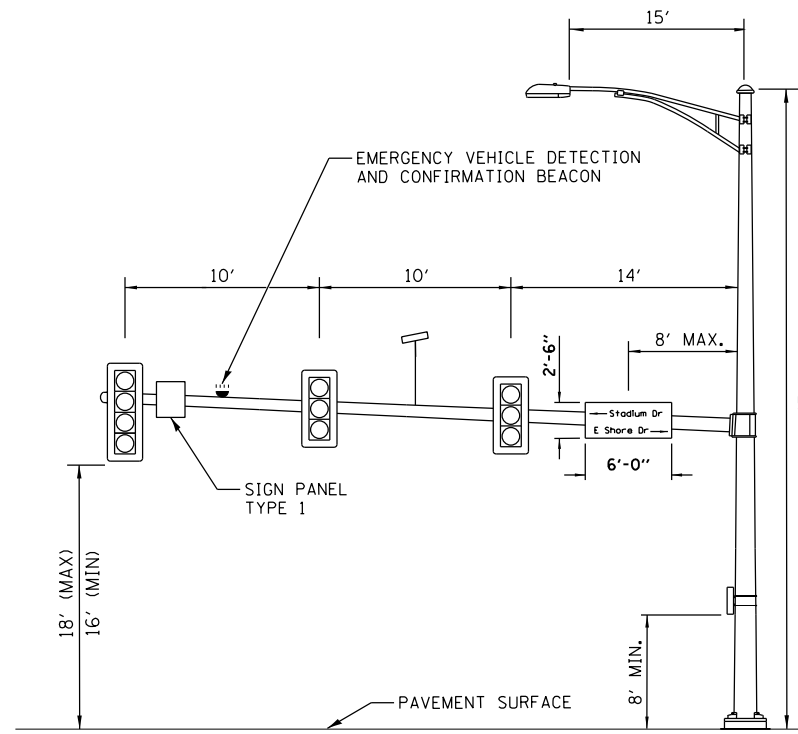
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 89804	
ILLINOIS FED. AID PROJECT				



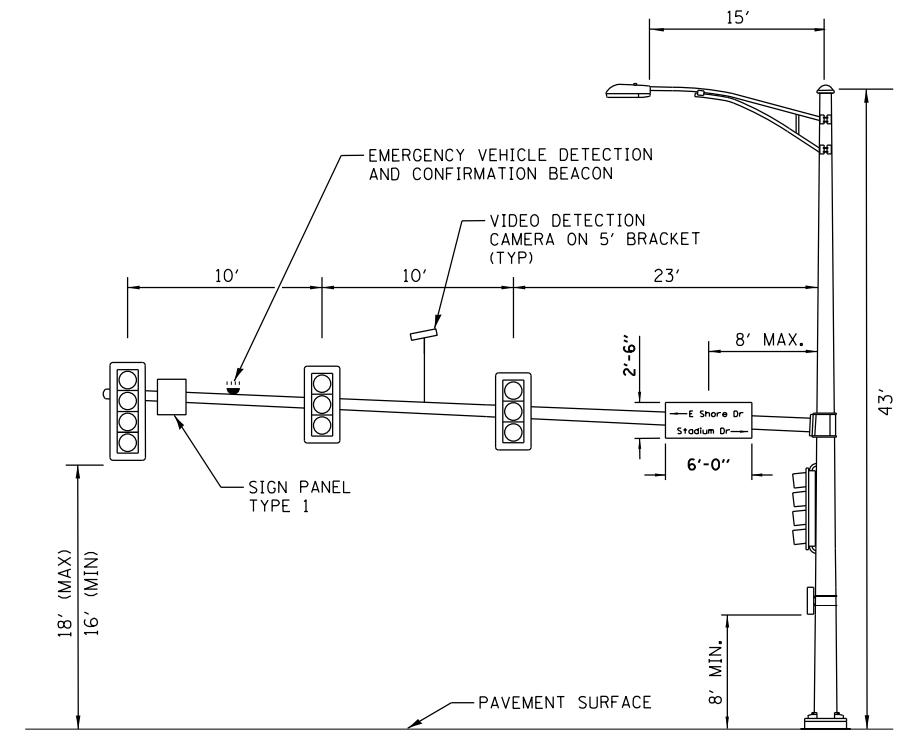
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 NORTHEAST QUADRANT (42') FACING NORTH**

(NOT TO SCALE)



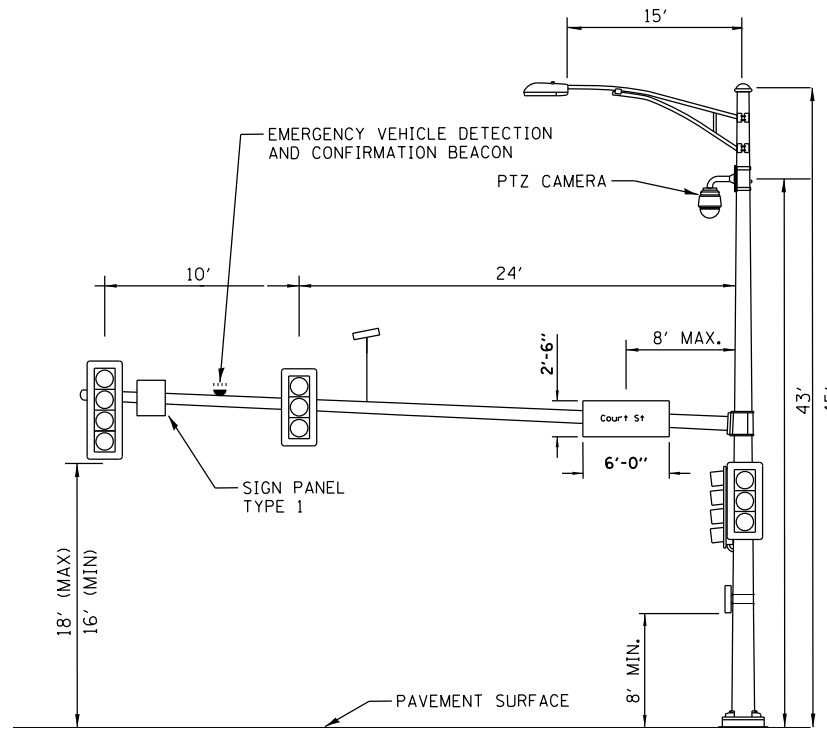
**STADIUM DRIVE AND COURT STREET (P3)
 SOUTHEAST QUADRANT (34') FACING EAST**

(NOT TO SCALE)



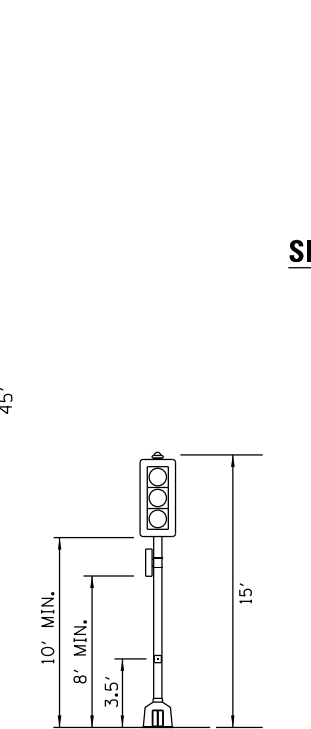
**STADIUM DRIVE AND COURT STREET (P6)
 NORTHWEST QUADRANT (42') FACING WEST**

(NOT TO SCALE)



**STADIUM DRIVE AND COURT STREET (P8)
 SOUTHWEST QUADRANT (36') FACING SOUTH**

(NOT TO SCALE)



**STADIUM DRIVE AND
 COURT STREET (P2)
 NORTHEAST CORNER**

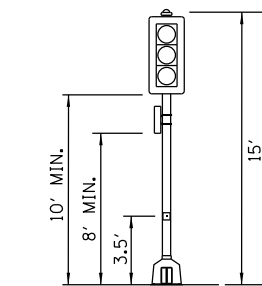
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24" x 30"

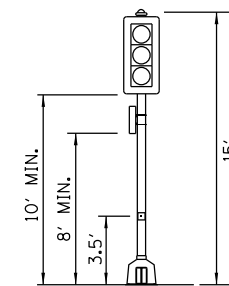
SIGN PANEL TYPE 1 (P5,P10)

SIGN BACKGROUND: WHITE
 SIGN LETTERING: BLACK
 4 REQUIRED = 20.0 SQ FT



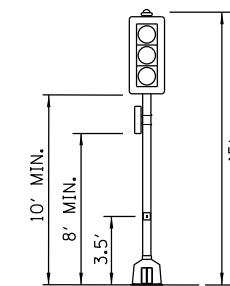
**STADIUM DRIVE AND
 COURT STREET (P4)
 SOUTHEAST CORNER**

(NOT TO SCALE)



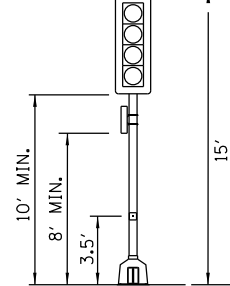
**STADIUM DRIVE AND
 COURT STREET (P5)
 NORTHWEST CORNER**

(NOT TO SCALE)



**STADIUM DRIVE AND
 COURT STREET (P7)
 SOUTHWEST CORNER**

(NOT TO SCALE)



**STADIUM DRIVE AND
 COURT STREET (P9)
 SOUTHEAST CORNER**

(NOT TO SCALE)

VIDEO DETECTION NOTE
 FINAL PLACEMENT FOR CAMERA
 LOCATIONS WILL BE FIELD VERIFIED
 FOR PROPER FUNCTIONALITY.

LAYOUT	NN	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	TMA	2/3/23

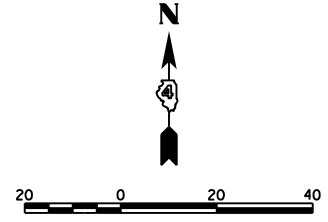
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PLOT SCALE = 40.00' / in.		CHECKED - TMA	REVISED -
PLOT DATE = 2/3/2023		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND STADIUM DRIVE
 MAST ARM LOADING DIAGRAM**

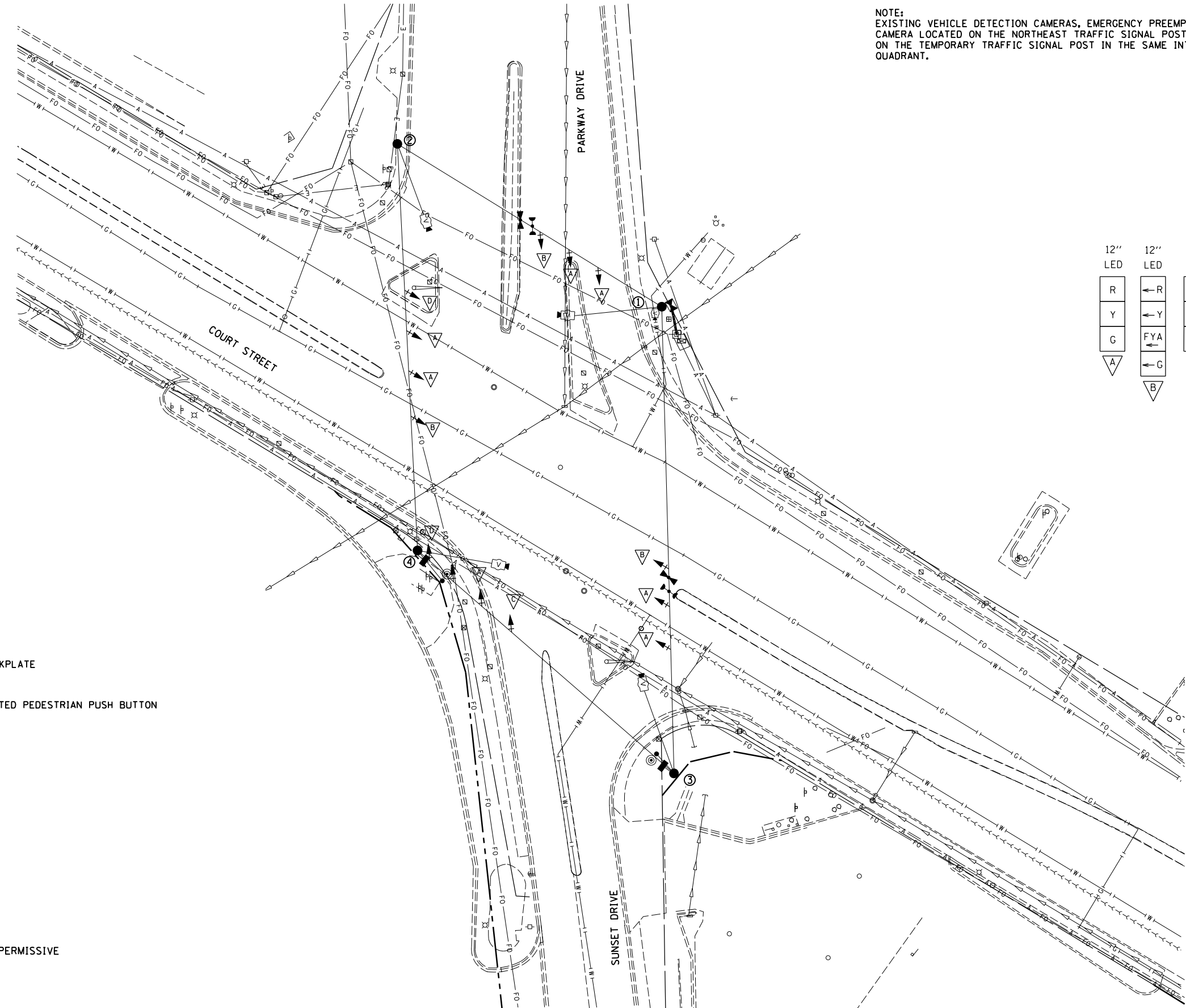
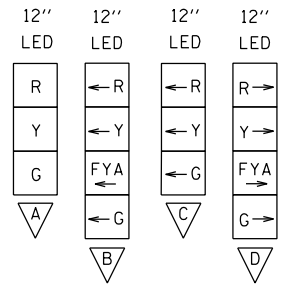
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	153
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



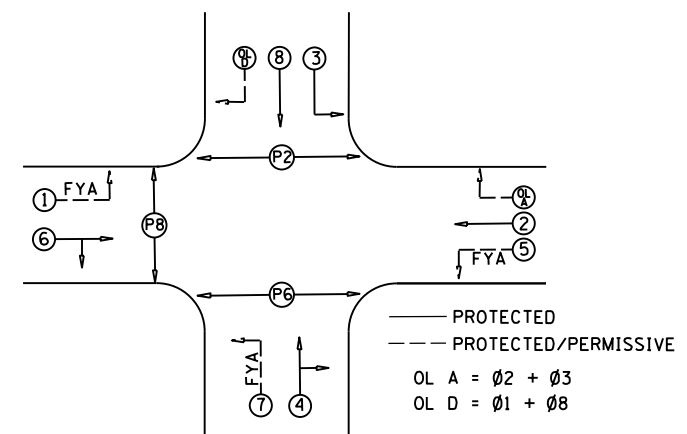
WOOD POLES			
POLE I.D.	ALIGNMENT	STATION	OFFSET
①	COURT STREET	172+58	84' LT
②	COURT STREET	171+44	85' LT
③	COURT STREET	173+50	60' RT
④	COURT STREET	172+27	39' RT

NOTE:
EXISTING VEHICLE DETECTION CAMERAS, EMERGENCY PREEMPTION, AND THE CCTV CAMERA LOCATED ON THE NORTHEAST TRAFFIC SIGNAL POST, SHALL BE PLACED ON THE TEMPORARY TRAFFIC SIGNAL POST IN THE SAME INTERSECTION QUADRANT.



TEMPORARY TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY WOOD POLE
		CONTROLLER
		MOVABLE BARREL MOUNTED PEDESTRIAN PUSH BUTTON



PHASE DESIGNATION DIAGRAM

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 Hanson Professional Services Inc.

LAYOUT	NN	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	TMA	2/3/23

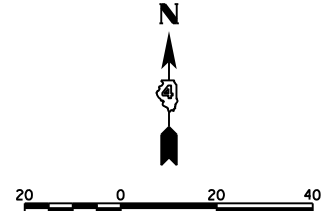
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	PLOT DATE = 2/3/2023	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND PARKWAY DRIVE
TEMPORARY TRAFFIC SIGNAL PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	154
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				

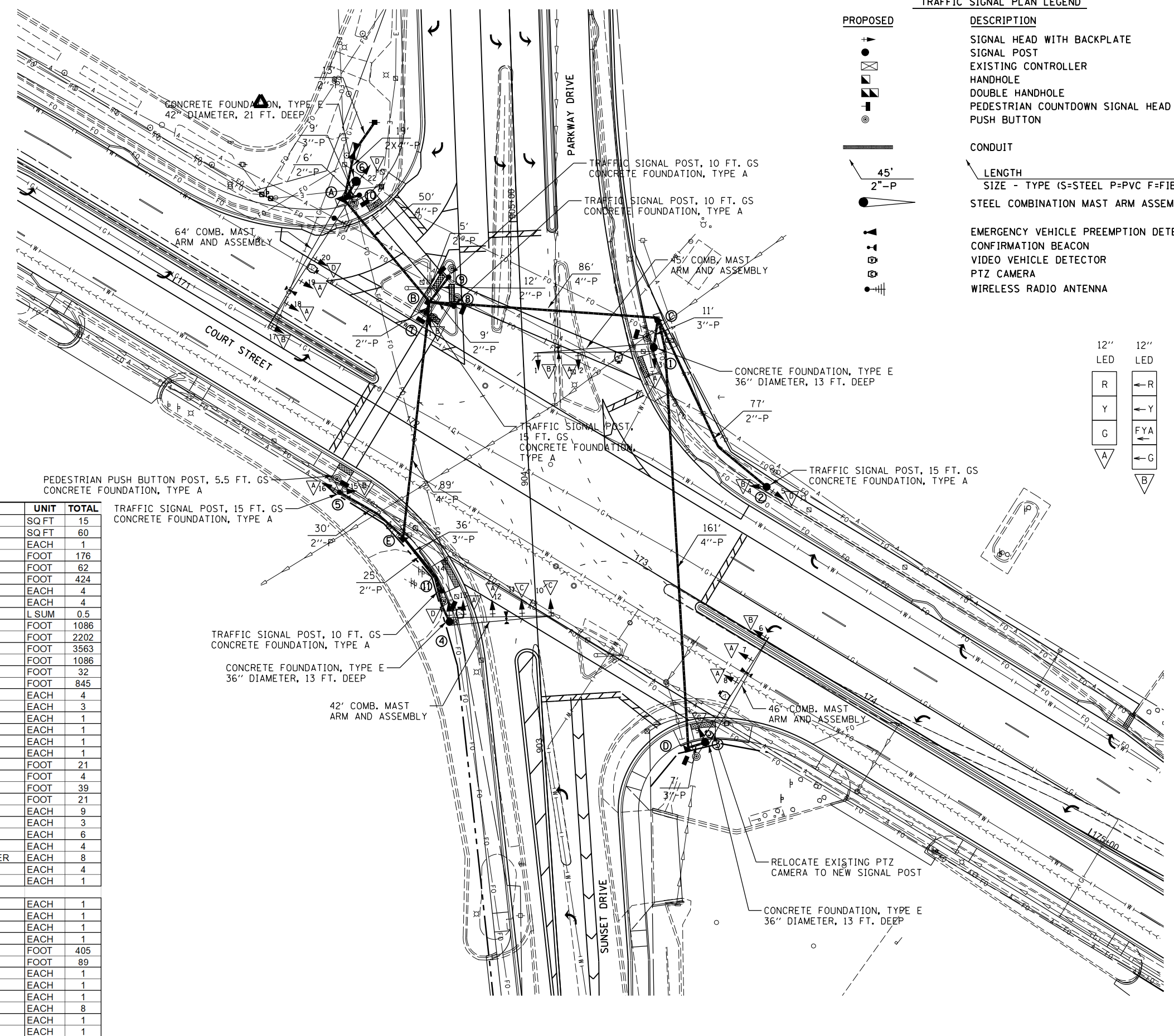
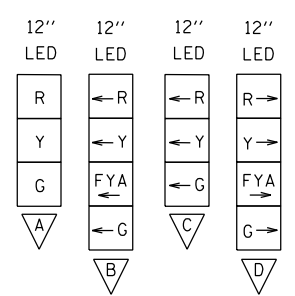


POST AND MAST ARM DATA		
NO.	STATION	OFFSET
C1	171+33	77' LT
P1	172+66	72' LT
P2	173+29	49' LT
P3	173+59	44' RT
P4	172+54	55' RT
P5	171+94	35' RT
P6	171+39	68' LT
P7	171+87	39' LT
P8	171+95	47' LT
P9	171+87	55' LT
P10	171+95	43' LT
P11	172+45	47' RT

HANDHOLE DATA		
NO.	STATION	OFFSET
A	171+39	60' LT
B	171+80	42' LT
C	172+61	80' LT
D	173+54	49' RT
E	172+22	37' RT

DESCRIPTION	UNIT	TOTAL
SIGN PANEL - TYPE 1	SQ FT	15
SIGN PANEL - TYPE 2	SQ FT	60
SERVICE INSTALLATION, TYPE A	EACH	1
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	176
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	62
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	424
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	L SUM	0.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1086
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2202
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3563
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	1086
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	32
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	845
TRAFFIC SIGNAL POST, 10 FT.	EACH	4
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	3
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 45 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	21
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
LIGHT DETECTOR	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1
WIRELESS ETHERNET RADIO	EACH	1
CAT 5 ETHERNET CABLE	FOOT	405
CAT 6 ETHERNET CABLE	FOOT	89
RELOCATE EXISTING PTZ CAMERA	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

PROPOSED	DESCRIPTION
	SIGNAL HEAD WITH BACKPLATE
	SIGNAL POST
	EXISTING CONTROLLER
	HANDHOLE
	DOUBLE HANDHOLE
	PEDESTRIAN COUNTDOWN SIGNAL HEAD
	PUSH BUTTON
	CONDUIT
	LENGTH
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
	EMERGENCY VEHICLE PREEMPTION DETECTOR
	CONFIRMATION BEACON
	VIDEO VEHICLE DETECTOR
	PTZ CAMERA
	WIRELESS RADIO ANTENNA



LAYOUT	2/3/23
DRAWN	2/3/23
REVIEWED	2/3/23

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		CHECKED - TMA	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET AND PARKWAY DRIVE
 TRAFFIC SIGNAL PLANS**

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

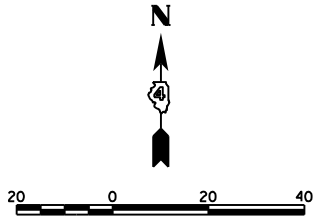
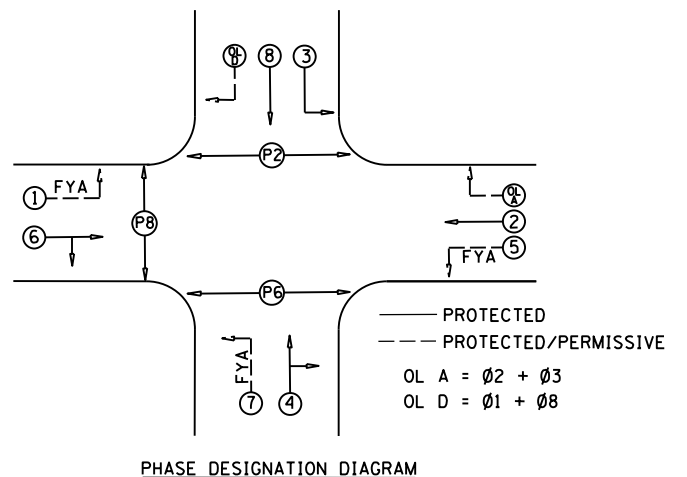
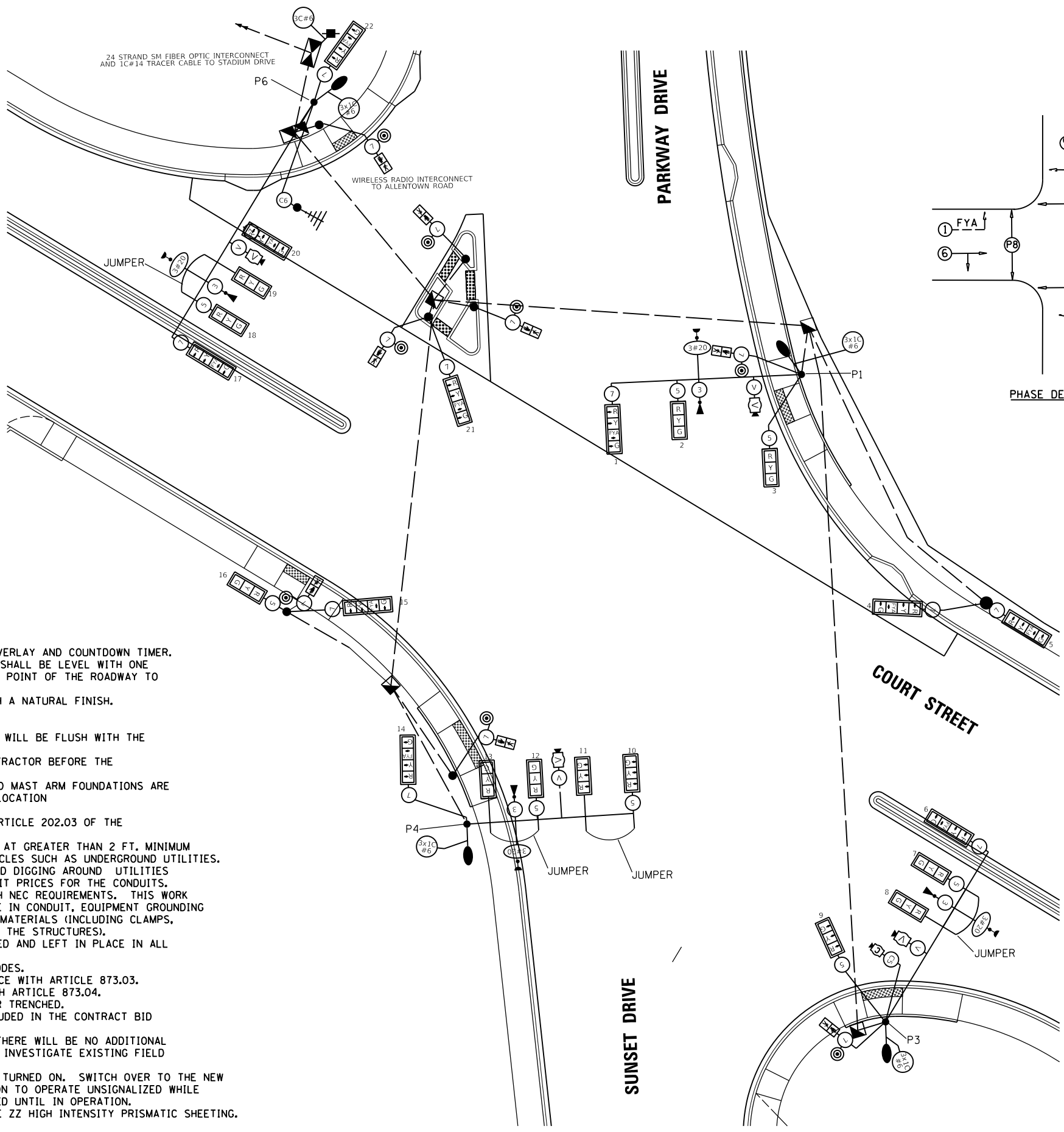
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	155
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

PROPOSED	DESCRIPTION
	ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
	VIDEO POWER AND COMMUNICATION CABLES
	CAT 5 ETHERNET CABLE
	CAT 6 ETHERNET CABLE
	SIGNAL FACE WITH BACKPLATE
	12" SIGNAL SECTION
	PEDESTRIAN SIGNAL FACE
	HANDHOLE
	DOUBLE HANDHOLE
	CONTROLLER
	MAST ARM POLE OR SIGNAL POST
	PEDESTRIAN PUSH BUTTON POST
	PEDESTRIAN PUSH BUTTON
	VIDEO VEHICLE DETECTION WITH CABLES
	EMERGENCY VEHICLE PREEMPTION DETECTOR
	CONFIRMATION BEACON
	LUMINAIRE
	WIRELESS RADIO ANTENNA

TRAFFIC SIGNAL GENERAL NOTES

- ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
- ALL PEDESTRIAN SECTIONS SHALL HAVE 16" LENSES WITH A MAN/HAND OVERLAY AND COUNTDOWN TIMER.
- THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY TO BOTTOM OF THE SIGNAL BACKPLATE.
- ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE GALVANIZED STEEL WITH A NATURAL FINISH.
- ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
- PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
- THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
- THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH OR IN AN INDIRECT ROUTE BETWEEN STRUCTURES 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.
- ALL TRAFFIC SIGNAL STRUCTURES SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C" AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS (INCLUDING CLAMPS, HARDWARE, ELECTRICAL CABLE, AND ALL OTHER ITEMS REQUIRED TO BOND THE STRUCTURES).
- A 1/2" DIAMETER CONTINUOUS POLYESTER MULE TAPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER.
- ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
- THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
- ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
- COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
- POTHOLING TO LOCATE EXISTING UNDERGROUND UTILITIES SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE CONDUIT PAY ITEMS.
- THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING. THERE WILL BE NO ADDITIONAL COMPENSATION PAID FOR CLAIMS THAT ARISE FROM A FAILURE TO FULLY INVESTIGATE EXISTING FIELD CONDITIONS.
- EXISTING SIGNAL(S) TO REMAIN IN OPERATION UNTIL THE NEW SIGNAL IS TURNED ON. SWITCH OVER TO THE NEW SIGNAL SHALL BE DURING AN OFF-PEAK TIME TO ALLOW FOR INTERSECTION TO OPERATE UNSIGNALIZED WHILE CONTROLLER IS WIRED TO NEW SIGNALS. NEW SIGNALS SHALL BE COVERED UNTIL IN OPERATION.
- ALL PEDESTRIAN PUSH BUTTON SIGNS SHALL BE CONSTRUCTED FROM TYPE ZZ HIGH INTENSITY PRISMATIC SHEETING.



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DRAWN	RLA	2/3/23
REVIEWED	TMA	2/3/23

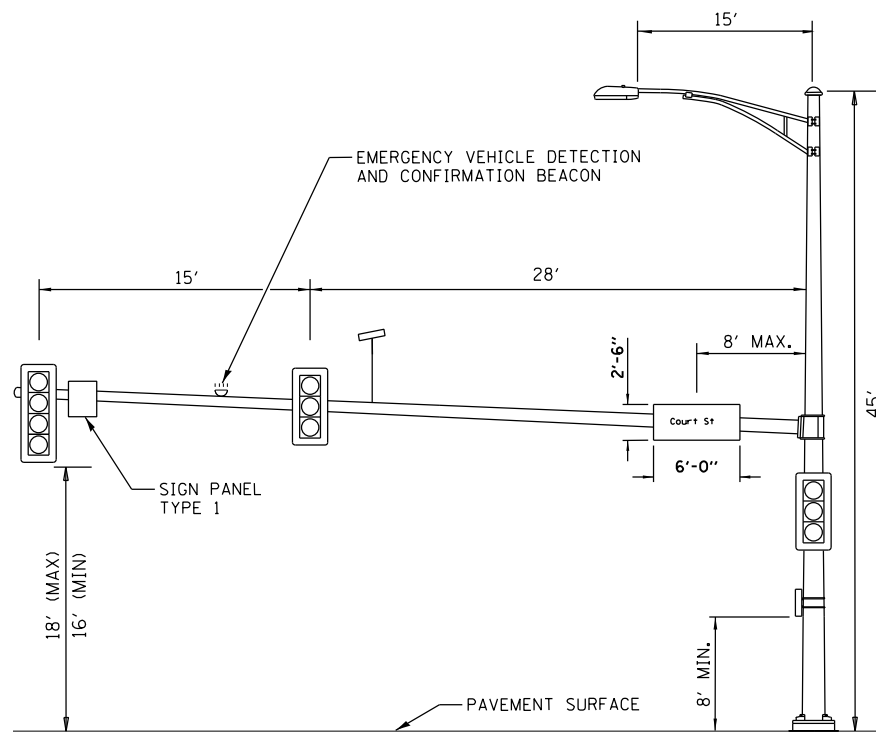
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

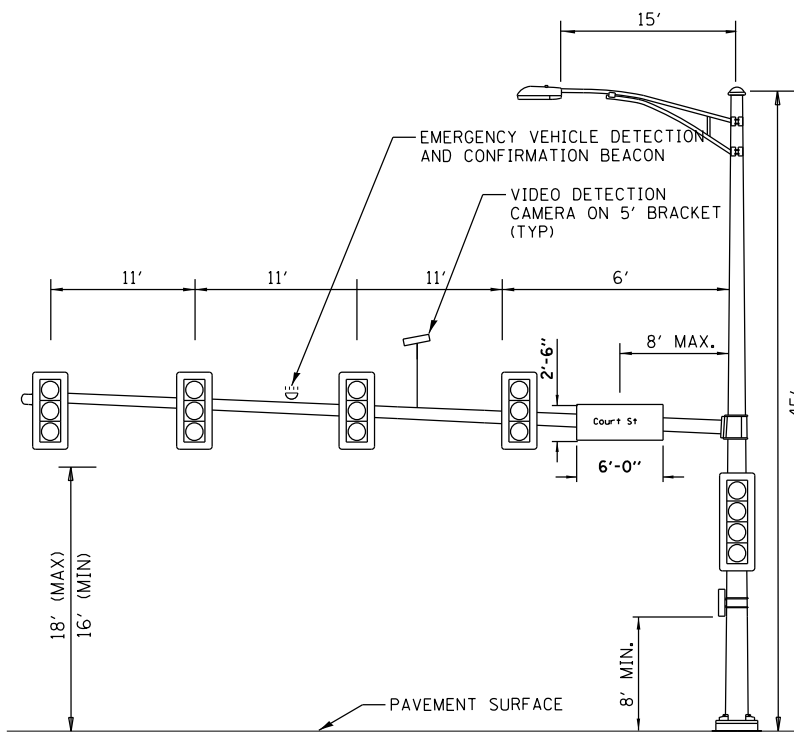
COURT STREET AND PARKWAY DRIVE
TRAFFIC CABLE PLANS

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

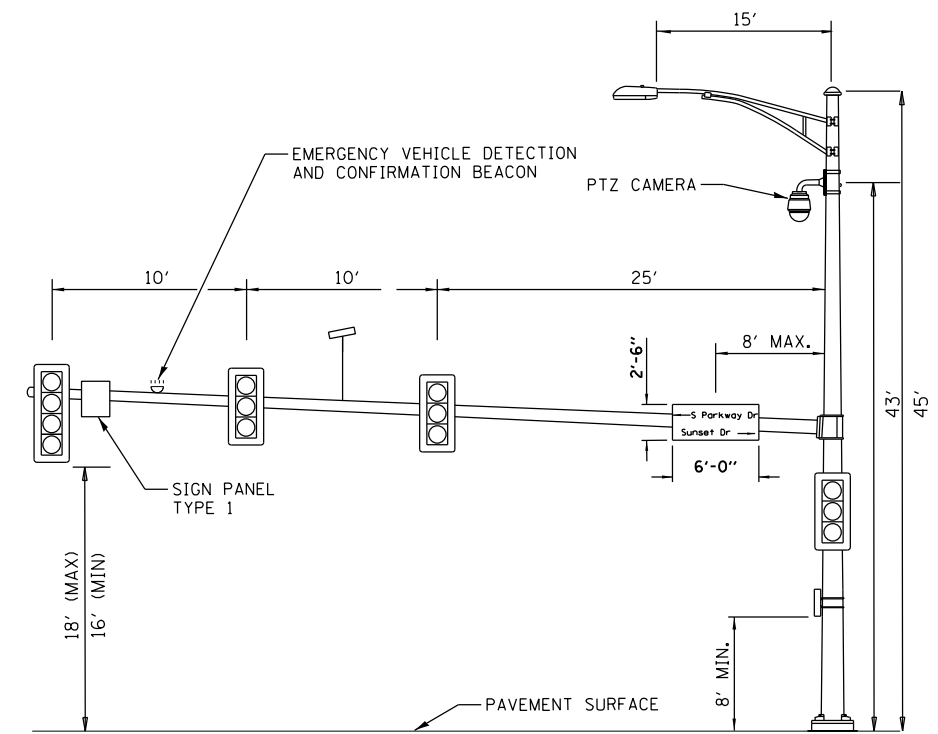
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693	20-00196-00-R5	TAZEWELL	254	156
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



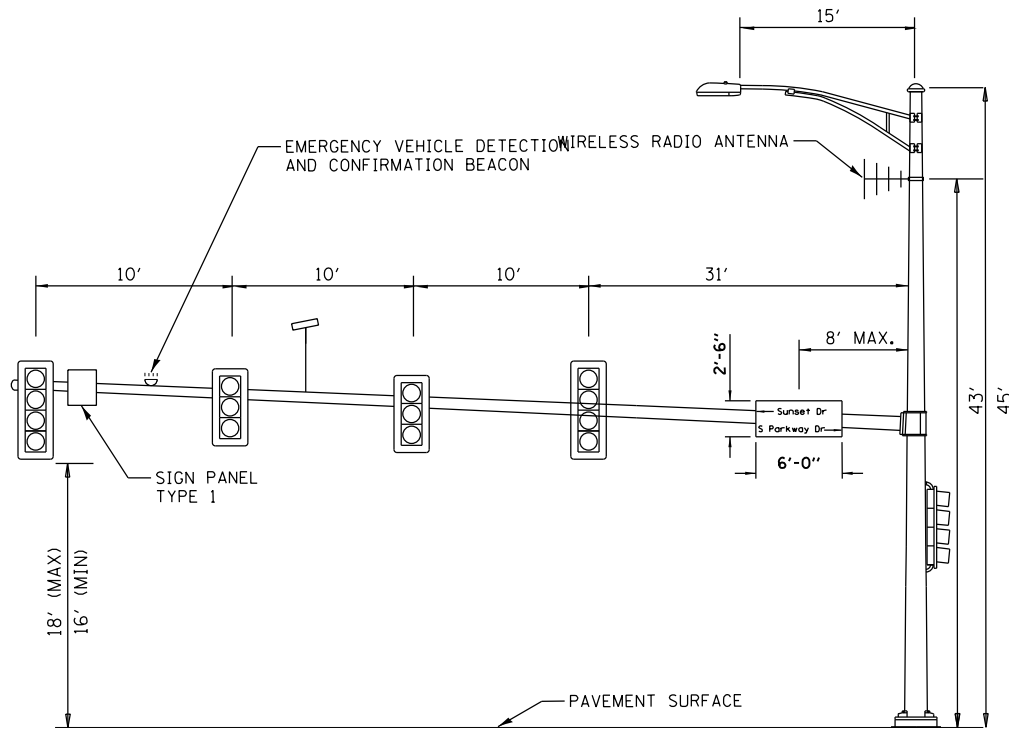
PARKWAY DRIVE AND COURT STREET (P1)
NORTHBOUND APPROACH (45')
 (NOT TO SCALE)



PARKWAY DRIVE AND COURT STREET (P4)
SOUTHBOUND APPROACH (42')
 (NOT TO SCALE)



PARKWAY DRIVE AND COURT STREET (P3)
EASTBOUND APPROACH (46')
 (NOT TO SCALE)



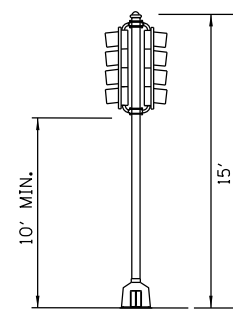
STADIUM DRIVE AND COURT STREET (P6)
WESTBOUND APPROACH (64')
 (NOT TO SCALE)



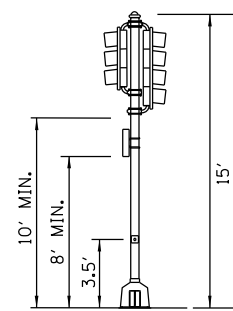
SIGN PANEL TYPE 1 (P1,P3,P6)

SIGN BACKGROUND: WHITE
 SIGN LETTERING: BLACK
 3 REQUIRED = 15.0 SQ FT

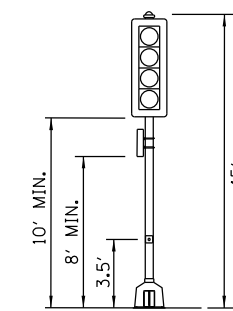
VIDEO DETECTION NOTE
 FINAL PLACEMENT FOR CAMERA
 LOCATIONS WILL BE FIELD VERIFIED
 FOR PROPER FUNCTIONALITY.



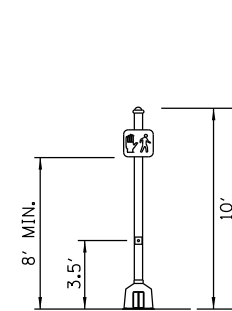
PARKWAY DRIVE AND COURT STREET (P2)
 (NOT TO SCALE)



PARKWAY DRIVE AND COURT STREET (P5)
 (NOT TO SCALE)



PARKWAY DRIVE AND COURT STREET (P7)
 (NOT TO SCALE)



PARKWAY DRIVE AND COURT STREET (P8, P9, P10, P11)
 (NOT TO SCALE)

LAYOUT	NN	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	TMA	2/3/23

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		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COURT STREET AND PARKWAY DRIVE
 MAST ARM LOADING DIAGRAM

SCALE: N/A SHEET OF SHEETS STA. TO STA.

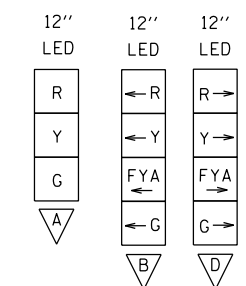
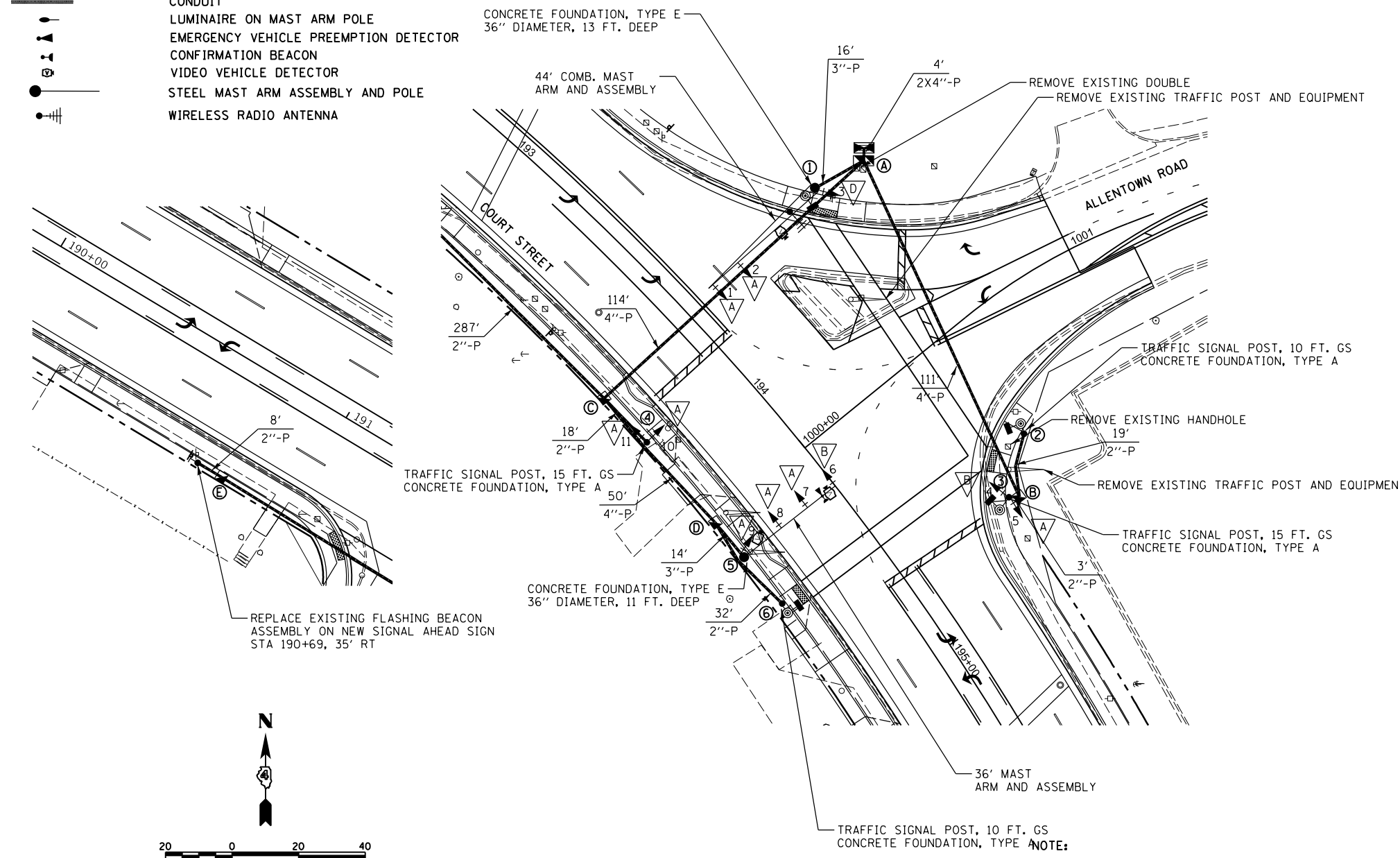
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	157
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				

QUANTITIES

DESCRIPTION	UNIT	TOTAL
SIGN PANEL - TYPE 1	SQ FT	5
SIGN PANEL - TYPE 2	SQ FT	45
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	367
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	30
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	275
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	L SUM	0.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	356
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1082
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1089
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	356
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	822
TRAFFIC SIGNAL POST, 10 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	11
LIGHT DETECTOR	EACH	3
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1
WIRELESS ETHERNET RADIO	EACH	1
CAT. 6 ETHERNET CABLE	FOOT	82
FLASHING BEACON ASSEMBLY	EACH	1
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
RELOCATE CONTROLLER CABINET	EACH	1
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

TRAFFIC SIGNAL PLAN LEGEND

PROPOSED	DESCRIPTION
	SIGNAL HEAD WITH BACKPLATE
	SIGNAL POST
	EXISTING CONTROLLER
	HANDHOLE
	EXISTING DOUBLE HANDHOLE
	PEDESTRIAN COUNTDOWN SIGNAL HEAD
	PUSH BUTTON
	LENGTH
	SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT E=EXISTING)
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
	PEDESTRIAN PUSH BUTTON POST
	CONDUIT
	LUMINAIRE ON MAST ARM POLE
	EMERGENCY VEHICLE PREEMPTION DETECTOR
	CONFIRMATION BEACON
	VIDEO VEHICLE DETECTOR
	STEEL MAST ARM ASSEMBLY AND POLE
	WIRELESS RADIO ANTENNA



HANDHOLE DATA

NO.	STATION	OFFSET
A	193+75	70' LT
B	194+76	42' LT
C	193+74	36' RT
D	194+27	35' RT
E	190+77	35' RT

POST AND MAST ARM DATA

NO.	STATION	OFFSET
C1	193+61	73' LT
P1	193+72	54' LT
P2	194+62	55' LT
P3	194+74	40' LT
P4	193+94	35' RT
P5	194+41	35' RT
P6	194+60	34' RT

- INTERCONNECT NOTES:**
1. WIRELESS RADIO ANTENNA TO BE INSTALLED AT THE INTERSECTION OF COURT STREET AND VALLE VISTA
 2. ANTENNA TO BE INSTALLED AT 43' HEIGHT ON THE TRAFFIC SIGNAL POST ON THE NORTH WEST CORNER NEAREST CONTROLLER.
 3. WORK TO BE PAID FOR UNDER 89502200-MODIFY EXISTING CONTROLLER.

THE TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE RELOCATED FROM THE PARKWAY DRIVE INTERSECTION AND PLACED ON THE EXISTING CABINET FOUNDATION.

WORK TO BE PAID FOR UNDER:
 X8950224-RELOCATE CONTROLLER CABINET
 X8570215-FULL-ACTUATED CONTROLLER IN EXISTING CABINET

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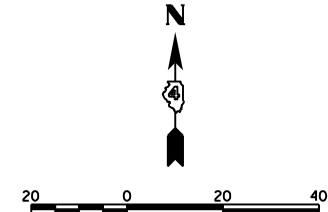
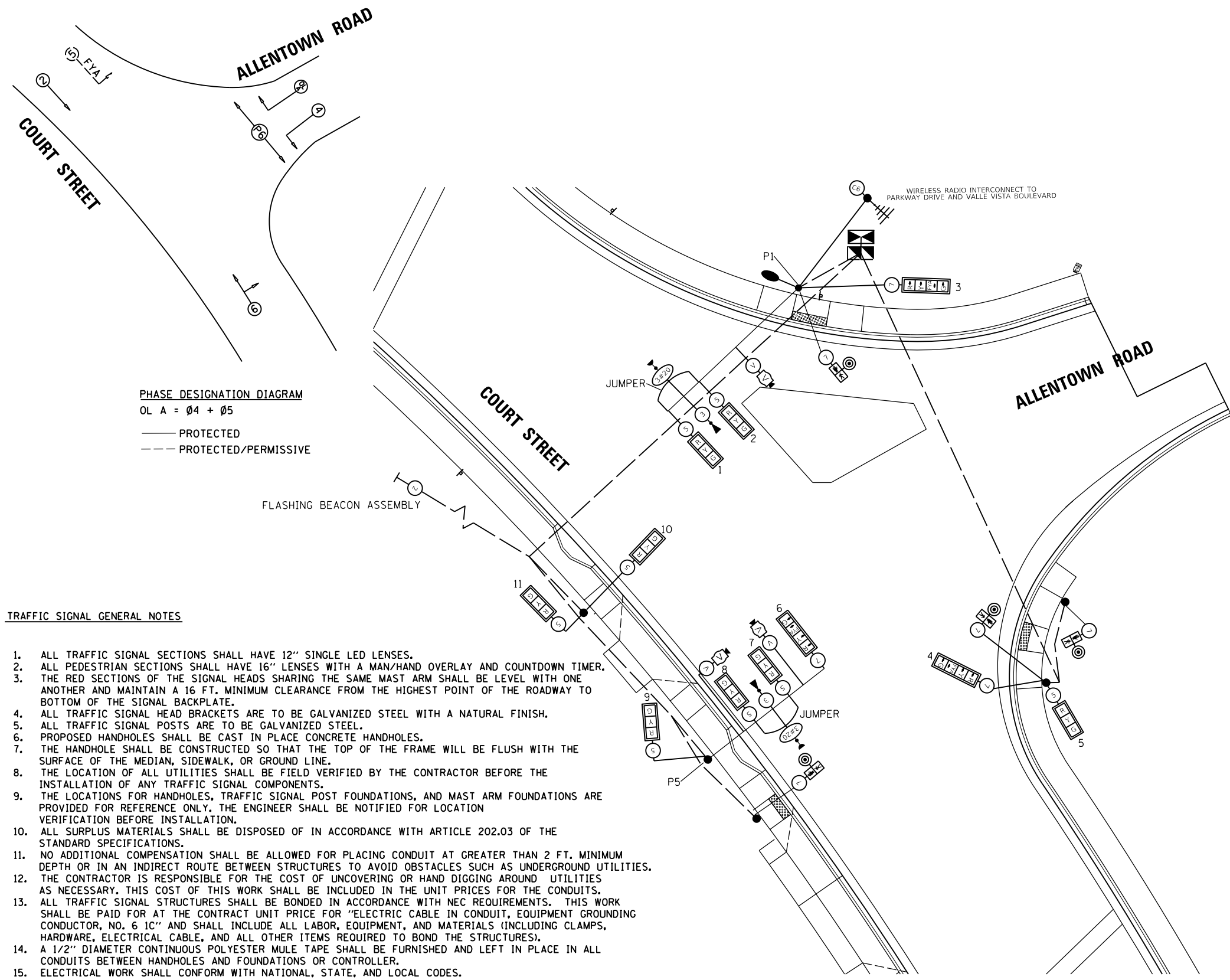
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REVIEWED	TMA	2/3/23

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET AND ALLENTOWN ROAD	
TRAFFIC SIGNAL PLANS	
SCALE: 1"=10'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	158
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



PHASE DESIGNATION DIAGRAM
 OL A = Ø4 + Ø5
 — PROTECTED
 - - - PROTECTED/PERMISSIVE

TRAFFIC SIGNAL GENERAL NOTES

1. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
2. ALL PEDESTRIAN SECTIONS SHALL HAVE 16" LENSES WITH A MAN/HAND OVERLAY AND COUNTDOWN TIMER.
3. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY TO BOTTOM OF THE SIGNAL BACKPLATE.
4. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE GALVANIZED STEEL WITH A NATURAL FINISH.
5. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
6. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
7. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
8. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
9. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
10. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
11. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH OR IN AN INDIRECT ROUTE BETWEEN STRUCTURES 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.
12. ALL TRAFFIC SIGNAL STRUCTURES SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C" AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS (INCLUDING CLAMPS, HARDWARE, ELECTRICAL CABLE, AND ALL OTHER ITEMS REQUIRED TO BOND THE STRUCTURES).
13. A 1/2" DIAMETER CONTINUOUS POLYESTER MULE TAPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER.
14. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
15. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
16. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
17. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
18. POTHOLES TO LOCATE EXISTING UNDERGROUND UTILITIES SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE CONDUIT PAY ITEMS.
19. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING. THERE WILL BE NO ADDITIONAL COMPENSATION PAID FOR CLAIMS THAT ARISE FROM A FAILURE TO FULLY INVESTIGATE EXISTING FIELD CONDITIONS.
20. EXISTING SIGNAL(S) TO REMAIN IN OPERATION UNTIL THE NEW SIGNAL IS TURNED ON. SWITCH OVER TO THE NEW SIGNAL SHALL BE DURING AN OFF-PEAK TIME TO ALLOW FOR INTERSECTION TO OPERATE UNSIGNALIZED WHILE CONTROLLER IS WIRED TO NEW SIGNALS. NEW SIGNALS SHALL BE COVERED UNTIL IN OPERATION.
21. ALL PEDESTRIAN PUSH BUTTON SIGNS SHALL BE CONSTRUCTED FROM TYPE ZZ HIGH INTENSITY PRISMATIC SHEETING.

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

- | PROPOSED | DESCRIPTION |
|--------------------------|--|
| — 5 — | ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS |
| — 6 — | CAT 6 ETHERNET CABLE |
| — V — | VIDEO POWER AND COMMUNICATION CABLES |
| [Signal Head Symbol] | SIGNAL FACE WITH BACKPLATE |
| [R] | 12" SIGNAL SECTION |
| [Pedestrian Symbol] | PEDESTRIAN SIGNAL FACE |
| [Handhole Symbol] | HANDHOLE |
| [Double Handhole Symbol] | DOUBLE HANDHOLE |
| [Controller Symbol] | CONTROLLER |
| ● | MAST ARM POLE OR SIGNAL POST |
| ■ | PEDESTRIAN PUSH BUTTON POST |
| ⊙PB | PEDESTRIAN PUSH BUTTON |
| ⊙V | VIDEO VEHICLE DETECTION WITH CABLES |
| ⊙E | EMERGENCY VEHICLE PREEMPTION DETECTOR |
| ⊙ | CONFIRMATION BEACON |
| ⊙ | WIRELESS RADIO ANTENNA |

LAYOUT	2/3/23
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REVIEWED	RLA
	TMA

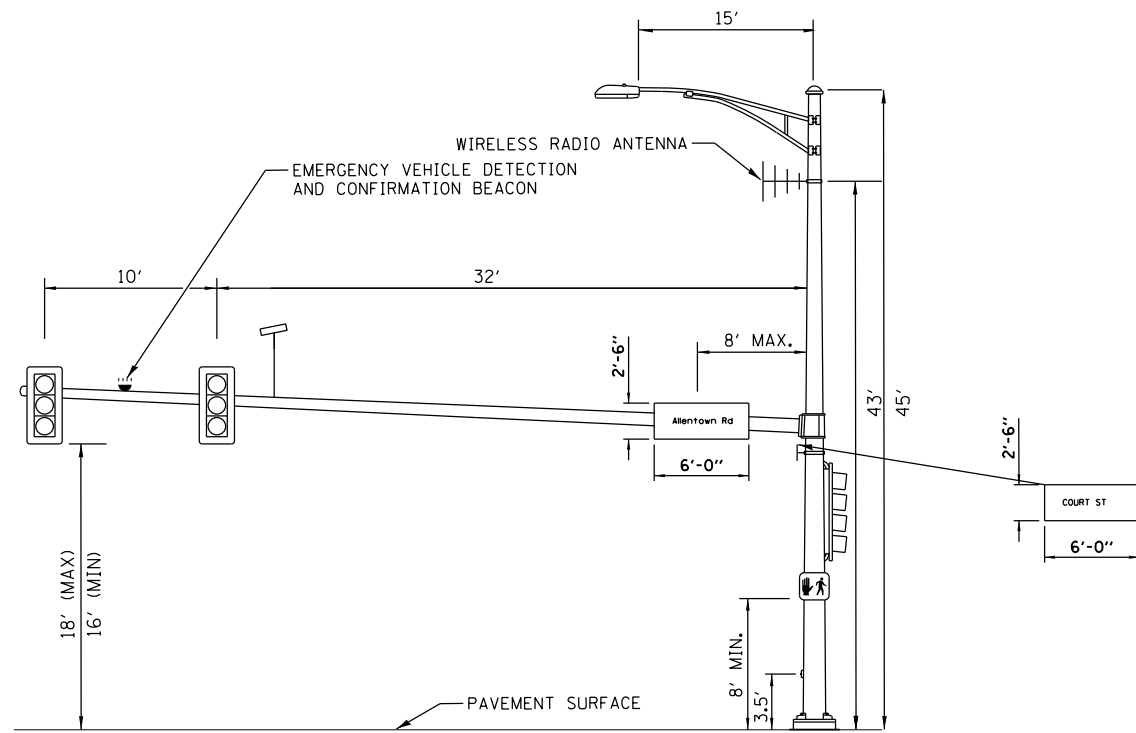
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		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET AND ALLENTOWN ROAD
TRAFFIC CABLE PLANS

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

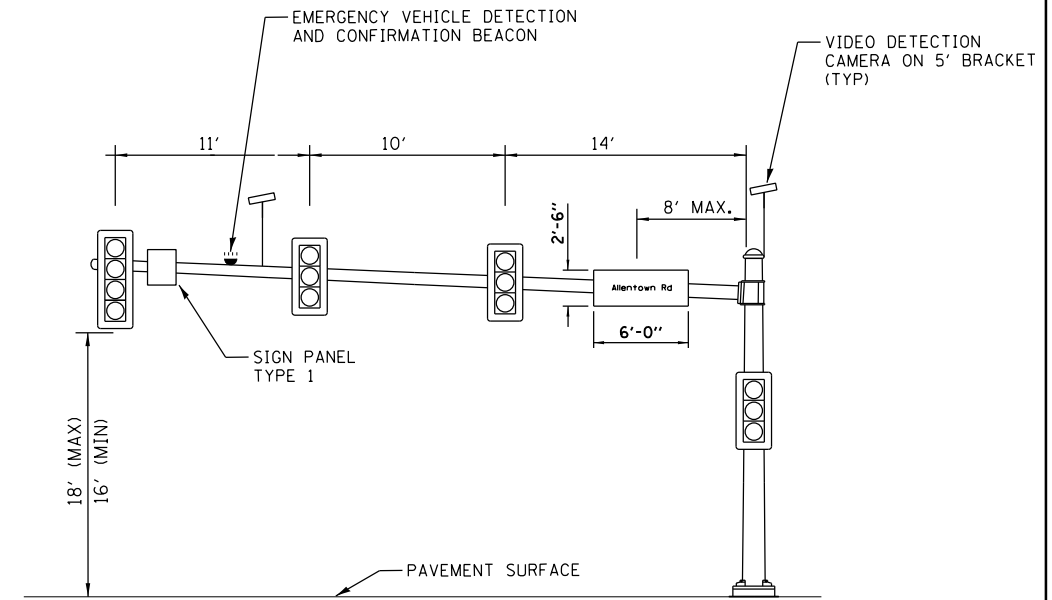
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	159
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



ALLENTOWN ROAD AND COURT STREET (P1)
NORTHWESTBOUND APPROACH (44')

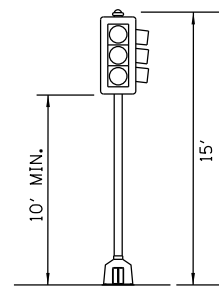
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VIDEO DETECTION NOTE
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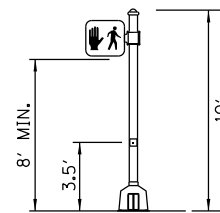
ALLENTOWN ROAD AND COURT STREET (P5)
SOUTHEAST APPROACH (36')

(NOT TO SCALE)



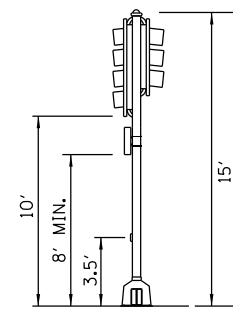
ALLENTOWN ROAD AND COURT STREET (P4)

(NOT TO SCALE)



ALLENTOWN ROAD AND COURT STREET (P2, P6)

(NOT TO SCALE)



ALLENTOWN ROAD AND COURT STREET (P3)

(NOT TO SCALE)



24" x 30"

SIGN PANEL TYPE 1 (P5)

SIGN BACKGROUND: WHITE
 SIGN LETTERING: BLACK
 1 REQUIRED = 5.0 SQ FT

LAYOUT	NN	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	TMA	2/3/23

FILE NAME =	USER NAME = onder00846	DESIGNED - NN	REVISED -
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	PLOT DATE = 2/3/2023	DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET AND ALLENTOWN ROAD
MAST ARM LOADING DIAGRAM

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	160
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

- PRIOR TO THE INSTALLATION OF NEW CABLE DUCT, CONDUITS, JUNCTION BOXES, LIGHT STANDARD FOUNDATIONS AND APPURTENANCES THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING LIGHTING CONDUITS, CABLES AND UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL VERIFY ALL OF THE DATA SHOWN ON THE CONTRACT PLANS AND REFERENCE DRAWINGS WHICH WOULD AFFECT HIS WORK UNDER THIS CONTRACT AND THE OPERATION OF THE EXISTING ROADWAY LIGHTING SYSTEMS.
- ALL NEW CABLE DUCT, CONDUIT, JUNCTION BOXES, AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET WITH THE APPROVAL OF THE ENGINEER.
- THE SCALE SHOWN ON THE PLANS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZED PLANS.
- ELECTRICAL MATERIALS SHALL BE NEW AND OF THE TYPES AND KINDS APPROVED BY THE FOLLOWING ORGANIZATIONS:
 NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
 ILLUMINATING ENGINEERING SOCIETY
 AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
 U.S. DEPARTMENT OF TRANSPORTATION
 UNDERWRITERS LABORATORIES
 AMERICAN NATIONAL STANDARDS INSTITUTE
 INSULATED CABLE ENGINEERS ASSOCIATION
 IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
- CONDUIT AND CABLE DUCT SHALL BE INSTALLED BY TRENCHING UNLESS SPECIFICALLY SHOWN ON THE PLANS AS BEING BORED OR PUSHED IN.
- CONDUIT AND CABLE DUCT SHALL BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH UNDERDRAINS.
- THE CONTRACTOR SHALL LOCATE CONDUIT PATH AND LIGHT PATH LOCATIONS AND THE FINAL DETERMINATION OF THESE LOCATIONS SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION.

LEGEND

- CONTROL POINT
- EXISTING TELEPHONE PEDESTAL
- EXISTING GUY
- EXISTING POWER POLE
- EXISTING SIGN
- EXISTING TREE
- EXISTING R.O.W. MARKER
- PROPOSED LIGHT ON NEW POLE
- PROPOSED HANDHOLE
- NEW OUTDOOR ROADWAY LIGHTING CONTROLLER
- 240V, 87W LED ROADWAY LIGHTING FIXTURE DESIGNATION
"R#" DESIGNATES FIXTURE NUMBER ON PLANS (IDOT "E" OUTPUT DESIGNATION)
- 240V, 177W LED INTERSECTION LIGHTING FIXTURE DESIGNATION
"S#" DESIGNATES FIXTURE NUMBER ON PLANS (IDOT "H" OUTPUT DESIGNATION)
- 240V, 177W LED INTERSECTION LIGHTING FIXTURE DESIGNATION
"X#" DESIGNATES FIXTURE NUMBER ON PLANS (IDOT "H" OUTPUT DESIGNATION)
- 240V, 115W LED INTERSECTION LIGHTING FIXTURE DESIGNATION
"Y#" DESIGNATES FIXTURE NUMBER ON PLANS (IDOT "G" OUTPUT DESIGNATION)
- CIRCUIT NUMBER CALLOUT
- TELEPHONE
- CABLE TELEVISION
- WATERMAIN
- FIBER OPTIC
- OVERHEAD LINE
- EXISTING R.O.W.
- GASLINE
- UNDERGROUND ELECTRIC
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED LIGHT ON AMEREN POWER POLE (BY AMEREN) (IDOT "E" OUTPUT DESIGNATION)
"A#" DESIGNATES FIXTURE NUMBER ON PLANS
- PROPOSED LIGHT ON AMEREN POWER POLE (BY AMEREN) (IDOT "H" OUTPUT DESIGNATION)
"B#" DESIGNATES FIXTURE NUMBER ON PLANS

LIGHT FIXTURE SCHEDULE

FIXTURE DESIGNATION	FIXTURE TYPE	MANUFACTURER & CATALOG NO.	TYPE/LAMPS /WATTS	VOLT	MOUNTING
R#		GE CURRENT EVOLVE LED ROADWAY LIGHTING: ERL1-0-11-C5-30-A-GRAY-F-G	ROADWAY FIXTURE LED 87W 3000K	MVOLT	POLE MOUNTED 30.75 FT. HEIGHT 6 FT. MAST ARM
S#		GE CURRENT EVOLVE LED ROADWAY LIGHTING: ERL2-0-23-C5-30-A-GRAY-F-G	ROADWAY FIXTURE LED 177W 3000K	MVOLT	POLE MOUNTED 30.75 FT. HEIGHT 6 FT. MAST ARM
X#		GE CURRENT EVOLVE LED ROADWAY LIGHTING: ERL2-0-23-C5-30-A-GRAY-F-G	INTERSECTION FIXTURE LED 177W 3000K	MVOLT	MOUNTED TO INTERSECTION MAST-ARM 35 FT. HEIGHT 12 FT. MAST ARM
Y#		GE CURRENT EVOLVE LED ROADWAY LIGHTING: ERL2-0-16-C5-30-A-GRAY-F-G	INTERSECTION FIXTURE LED 115W 3000K	MVOLT	MOUNTED TO INTERSECTION MAST-ARM 35 FT. HEIGHT 12 FT. MAST ARM

UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED AMONG THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS, ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

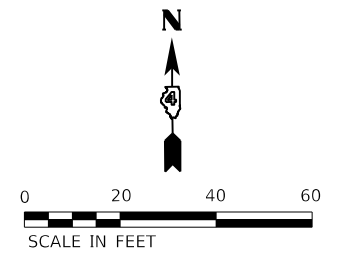
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REVIEWED	RDN	2/3/23

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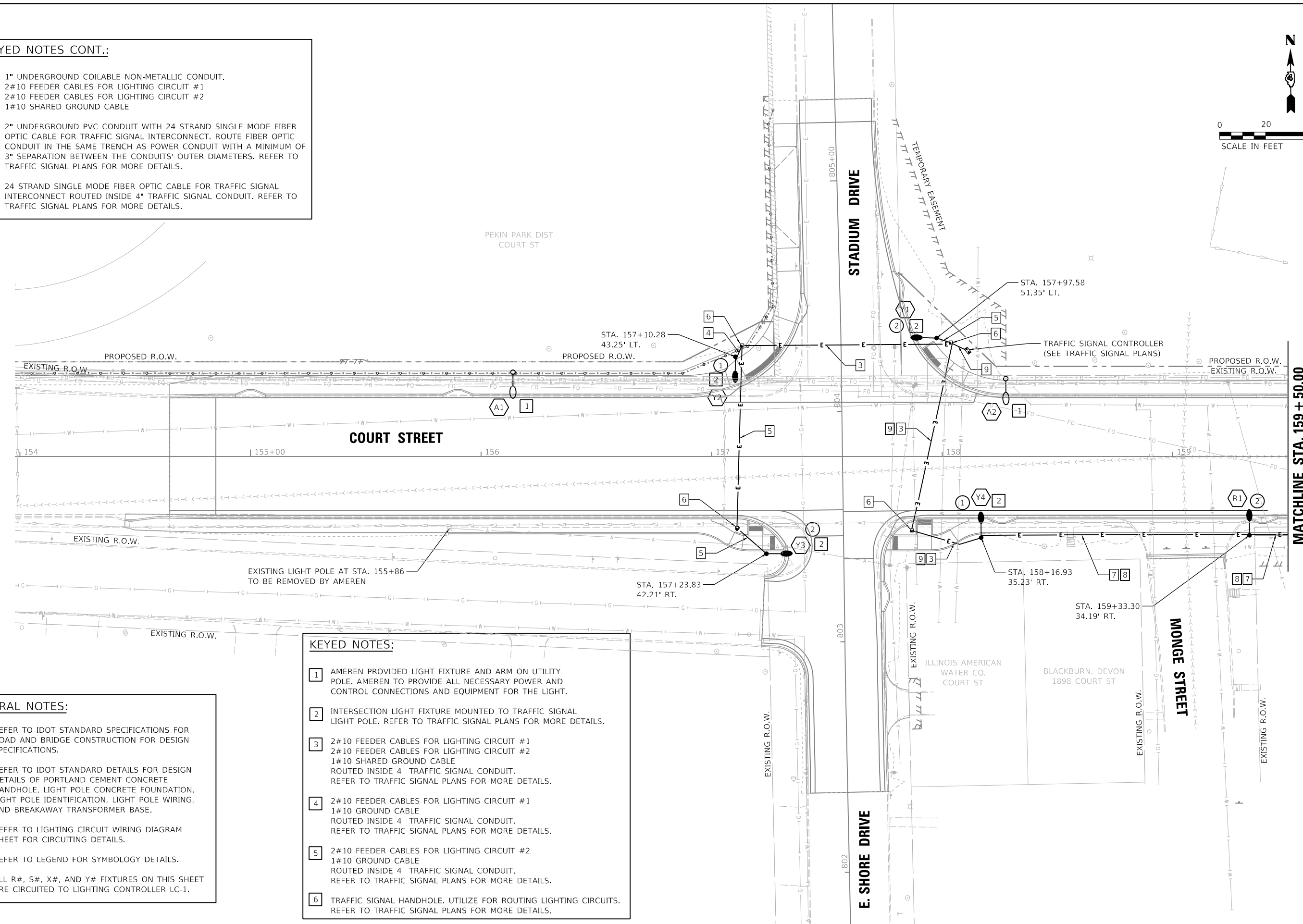
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	161
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	

KEYED NOTES CONT.:

- 7 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT.
2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #1
2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #2
1#10 SHARED GROUND CABLE
- 8 2" UNDERGROUND PVC CONDUIT WITH 24 STRAND SINGLE MODE FIBER OPTIC CABLE FOR TRAFFIC SIGNAL INTERCONNECT. ROUTE FIBER OPTIC CONDUIT IN THE SAME TRENCH AS POWER CONDUIT WITH A MINIMUM OF 3" SEPARATION BETWEEN THE CONDUITS' OUTER DIAMETERS. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- 9 24 STRAND SINGLE MODE FIBER OPTIC CABLE FOR TRAFFIC SIGNAL INTERCONNECT ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.



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GENERAL NOTES:

1. REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAKAWAY TRANSFORMER BASE.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LEGEND FOR SYMBOLOGY DETAILS.
5. ALL R#, S#, X#, AND Y# FIXTURES ON THIS SHEET ARE CIRCUITED TO LIGHTING CONTROLLER LC-1.

KEYED NOTES:

- 1 AMEREN PROVIDED LIGHT FIXTURE AND ARM ON UTILITY POLE. AMEREN TO PROVIDE ALL NECESSARY POWER AND CONTROL CONNECTIONS AND EQUIPMENT FOR THE LIGHT.
- 2 INTERSECTION LIGHT FIXTURE MOUNTED TO TRAFFIC SIGNAL LIGHT POLE. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- 3 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #1
2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #2
1#10 SHARED GROUND CABLE
ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT.
REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- 4 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #1
1#10 GROUND CABLE
ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT.
REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- 5 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #2
1#10 GROUND CABLE
ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT.
REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- 6 TRAFFIC SIGNAL HANDHOLE. UTILIZE FOR ROUTING LIGHTING CIRCUITS.
REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.

LAYOUT	2/3/23
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REVIEWED	RON

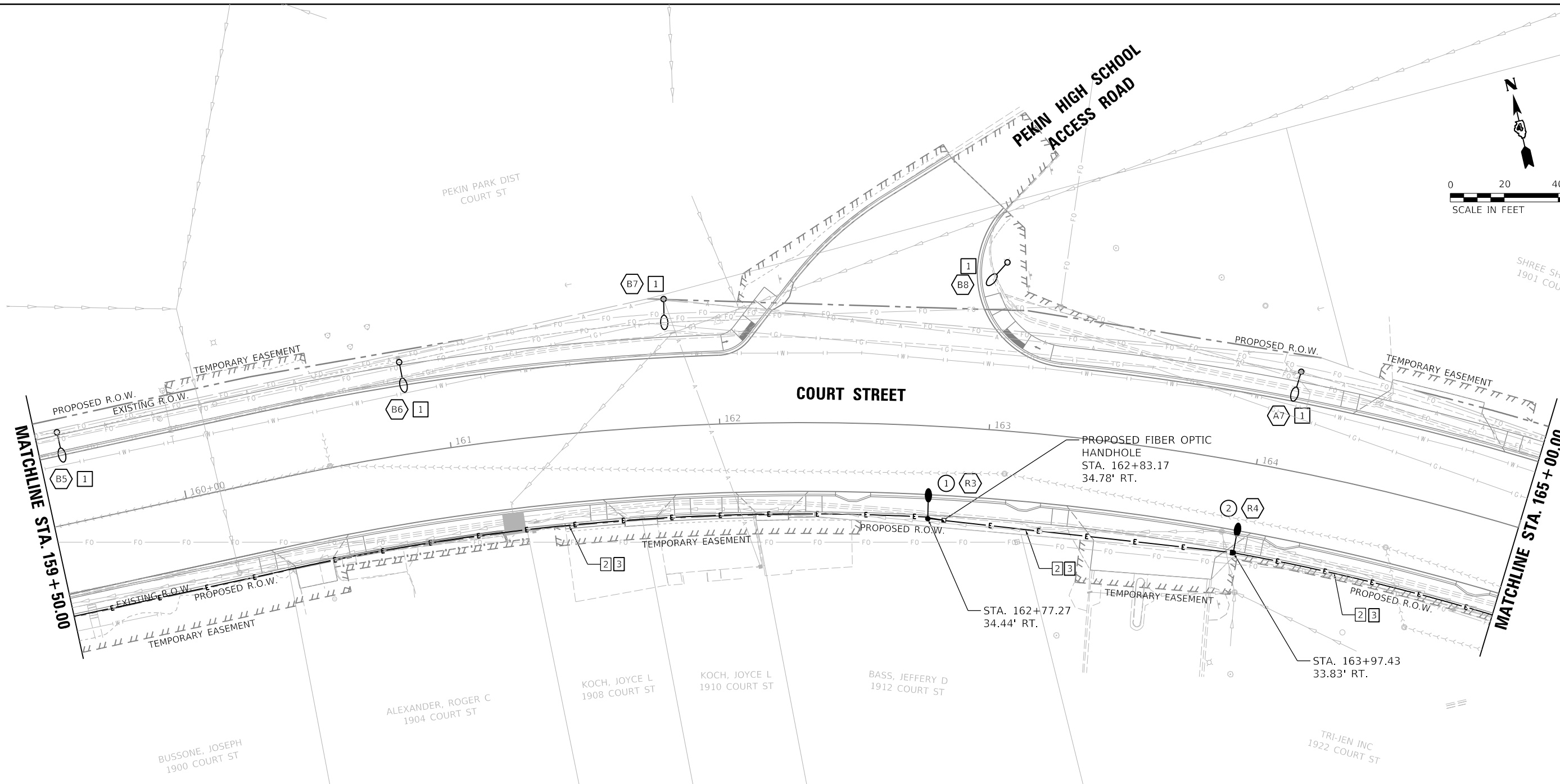
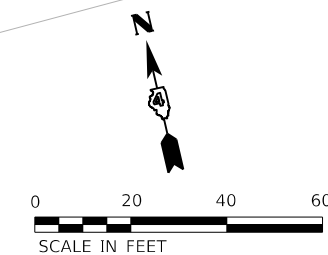
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		CHECKED - RDN	REVISED -
		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET
LIGHTING PLANS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	163
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



- GENERAL NOTES:**
- REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
 - REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAKAWAY TRANSFORMER BASE.
 - REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
 - REFER TO LEGEND FOR SYMBOLOGY DETAILS.
 - ALL R#, S#, X#, AND Y# FIXTURES ON THIS SHEET ARE CIRCUITED TO LIGHTING CONTROLLER LC-1.

- KEYED NOTES:**
- AMEREN PROVIDED LIGHT FIXTURE AND ARM ON UTILITY POLE. AMEREN TO PROVIDE ALL NECESSARY POWER AND CONTROL CONNECTIONS AND EQUIPMENT FOR THE LIGHT.
 - 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #1
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #2
 1#10 SHARED GROUND CABLE
 - 2" UNDERGROUND PVC CONDUIT WITH 24 STRAND SINGLE MODE FIBER OPTIC CABLE FOR TRAFFIC SIGNAL INTERCONNECT. ROUTE FIBER OPTIC CONDUIT IN THE SAME TRENCH AS POWER CONDUIT WITH A MINIMUM OF 3" SEPARATION BETWEEN THE CONDUITS' OUTER DIAMETERS. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.

LAYOUT	2/3/23
DRAWN	AJT
REVIEWED	RLA
	RON

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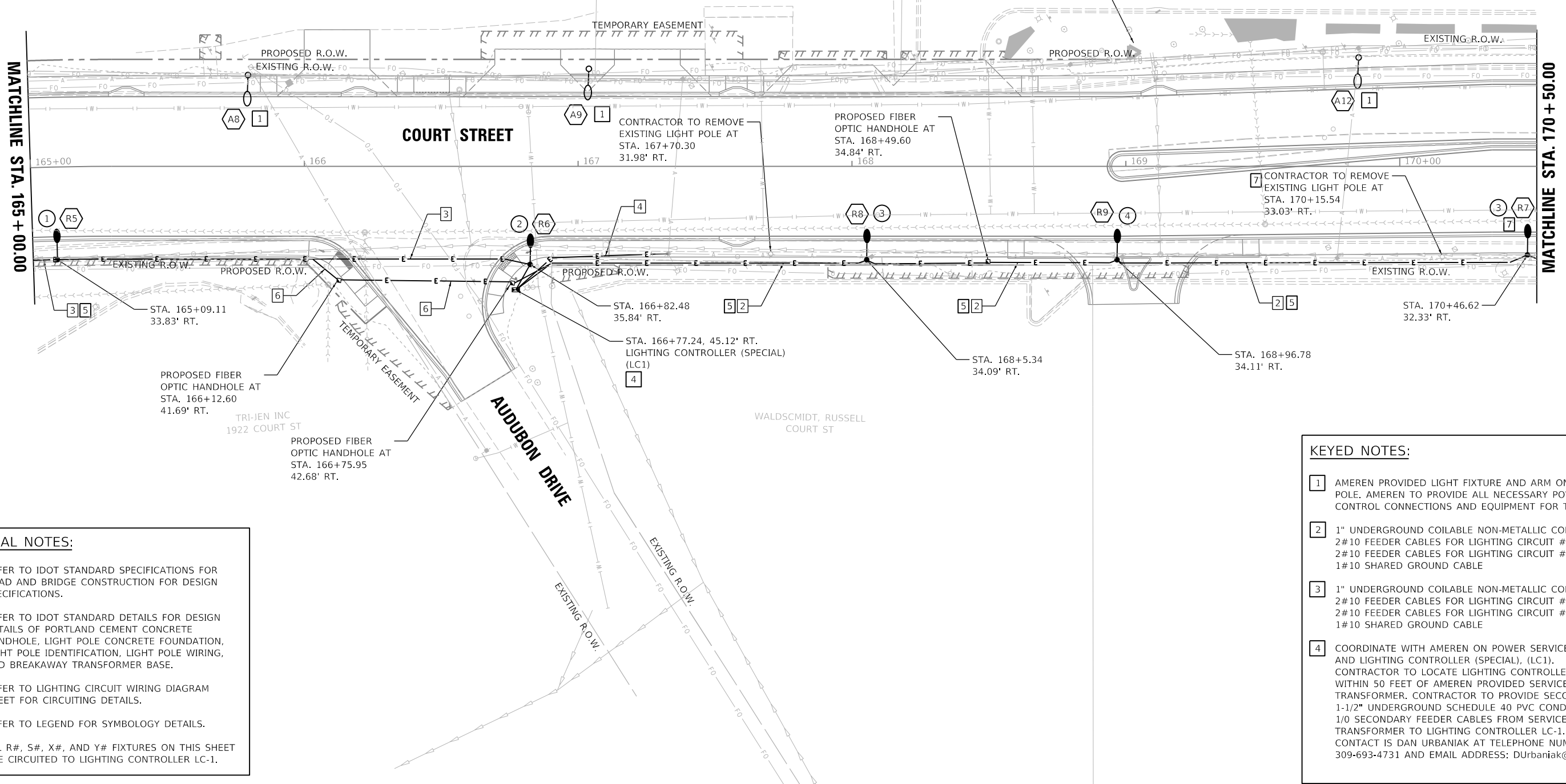
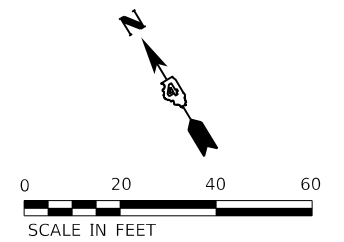
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COURT STREET LIGHTING PLANS	
SCALE: 1"=20'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	164
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				

KEYED NOTES CONT.:

- 5 2" UNDERGROUND PVC CONDUIT WITH 24 STRAND SINGLE MODE FIBER OPTIC CABLE FOR TRAFFIC SIGNAL INTERCONNECT. ROUTE FIBER OPTIC CONDUIT IN THE SAME TRENCH AS POWER CONDUIT WITH A MINIMUM OF 3" SEPARATION BETWEEN THE CONDUITS' OUTER DIAMETERS. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- 6 2" UNDERGROUND PVC CONDUIT WITH 24 STRAND SINGLE MODE FIBER OPTIC CABLE FOR TRAFFIC SIGNAL INTERCONNECT. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- 7 CONTRACTOR SHALL VERIFY PROPOSED FOUNDATION LOCATION OF LIGHT POLE "R7" PRIOR TO REMOVING EXISTING LIGHT POLE. IF "R7" PROPOSED FOUNDATION LOCATION IS AN ISSUE, CONTRACTOR TO COORDINATE WITH ENGINEER AN ALTERNATIVE SOLUTION.



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GENERAL NOTES:

1. REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAKAWAY TRANSFORMER BASE.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LEGEND FOR SYMBOLOGY DETAILS.
5. ALL R#, S#, X#, AND Y# FIXTURES ON THIS SHEET ARE CIRCUITED TO LIGHTING CONTROLLER LC-1.

KEYED NOTES:

- 1 AMEREN PROVIDED LIGHT FIXTURE AND ARM ON UTILITY POLE. AMEREN TO PROVIDE ALL NECESSARY POWER AND CONTROL CONNECTIONS AND EQUIPMENT FOR THE LIGHT.
- 2 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #3
2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #4
1#10 SHARED GROUND CABLE
- 3 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #1
2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #2
1#10 SHARED GROUND CABLE
- 4 COORDINATE WITH AMEREN ON POWER SERVICE LOCATION AND LIGHTING CONTROLLER (SPECIAL), (LC1). CONTRACTOR TO LOCATE LIGHTING CONTROLLER UNIT WITHIN 50 FEET OF AMEREN PROVIDED SERVICE TRANSFORMER. CONTRACTOR TO PROVIDE SECONDARY 1-1/2" UNDERGROUND SCHEDULE 40 PVC CONDUIT WITH (3) 1/0 SECONDARY FEEDER CABLES FROM SERVICE TRANSFORMER TO LIGHTING CONTROLLER LC-1. AMEREN CONTACT IS DAN URBANIAK AT TELEPHONE NUMBER 309-693-4731 AND EMAIL ADDRESS: Durbaniak@ameren.com

LAYOUT	AJT	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	RDN	2/3/23

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	PLOT DATE = 6/16/2023	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
LIGHTING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	165
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	

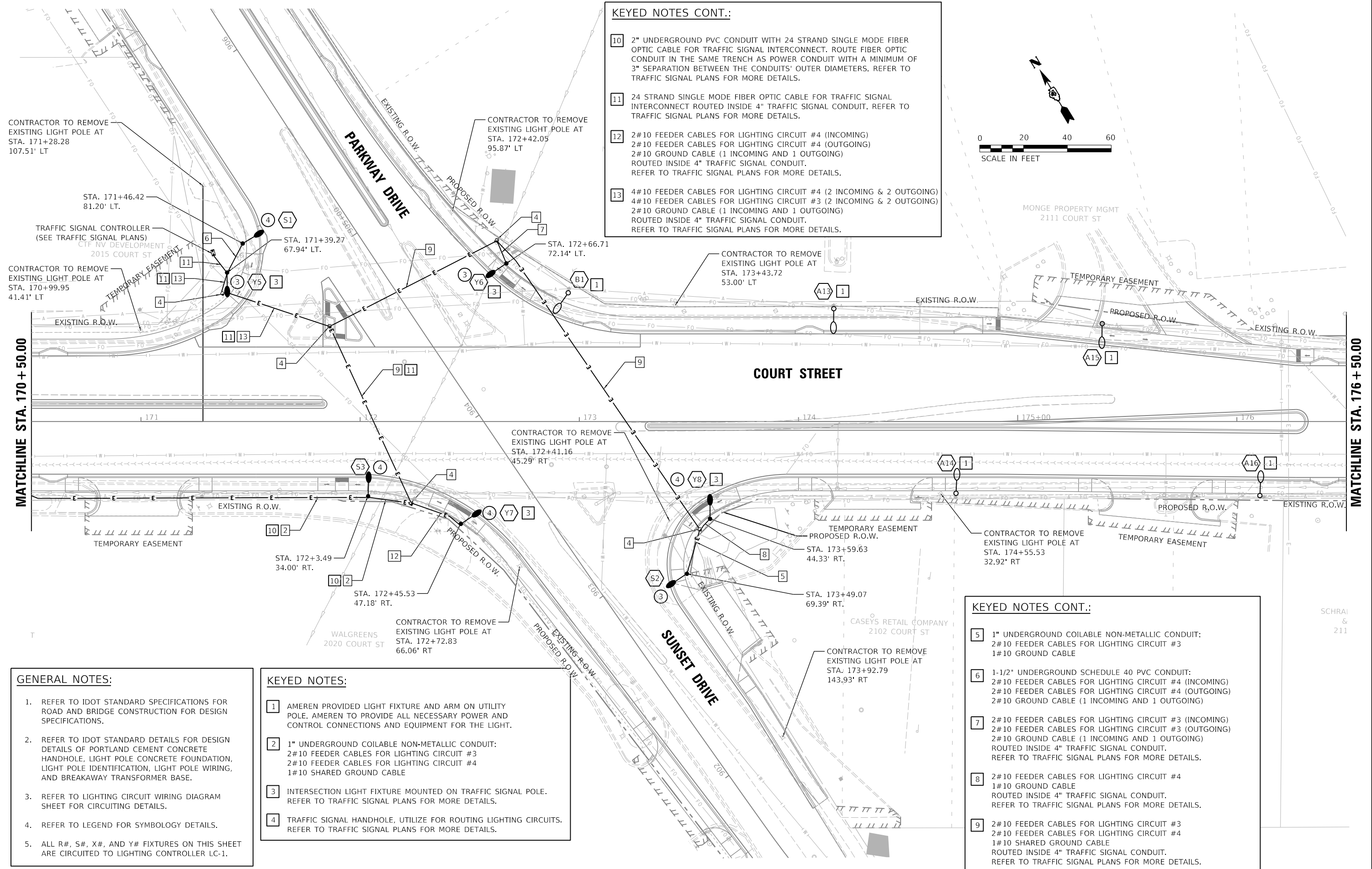
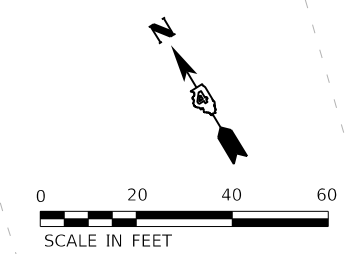
KEYED NOTES CONT.:

10 2" UNDERGROUND PVC CONDUIT WITH 24 STRAND SINGLE MODE FIBER OPTIC CABLE FOR TRAFFIC SIGNAL INTERCONNECT. ROUTE FIBER OPTIC CONDUIT IN THE SAME TRENCH AS POWER CONDUIT WITH A MINIMUM OF 3" SEPARATION BETWEEN THE CONDUITS' OUTER DIAMETERS. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.

11 24 STRAND SINGLE MODE FIBER OPTIC CABLE FOR TRAFFIC SIGNAL INTERCONNECT ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.

12 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #4 (INCOMING)
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #4 (OUTGOING)
 2#10 GROUND CABLE (1 INCOMING AND 1 OUTGOING)
 ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT.
 REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.

13 4#10 FEEDER CABLES FOR LIGHTING CIRCUIT #4 (2 INCOMING & 2 OUTGOING)
 4#10 FEEDER CABLES FOR LIGHTING CIRCUIT #3 (2 INCOMING & 2 OUTGOING)
 2#10 GROUND CABLE (1 INCOMING AND 1 OUTGOING)
 ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT.
 REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.



GENERAL NOTES:

- REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
- REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAKAWAY TRANSFORMER BASE.
- REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
- REFER TO LEGEND FOR SYMBOLOGY DETAILS.
- ALL R#, S#, X#, AND Y# FIXTURES ON THIS SHEET ARE CIRCUITED TO LIGHTING CONTROLLER LC-1.

KEYED NOTES:

- AMEREN PROVIDED LIGHT FIXTURE AND ARM ON UTILITY POLE. AMEREN TO PROVIDE ALL NECESSARY POWER AND CONTROL CONNECTIONS AND EQUIPMENT FOR THE LIGHT.
- 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #3
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #4
 1#10 SHARED GROUND CABLE
- INTERSECTION LIGHT FIXTURE MOUNTED ON TRAFFIC SIGNAL POLE. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- TRAFFIC SIGNAL HANDHOLE, UTILIZE FOR ROUTING LIGHTING CIRCUITS. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.

KEYED NOTES CONT.:

- 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #3
 1#10 GROUND CABLE
- 1-1/2" UNDERGROUND SCHEDULE 40 PVC CONDUIT:
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #4 (INCOMING)
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #4 (OUTGOING)
 2#10 GROUND CABLE (1 INCOMING AND 1 OUTGOING)
- 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #3 (INCOMING)
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #3 (OUTGOING)
 2#10 GROUND CABLE (1 INCOMING AND 1 OUTGOING)
 ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT.
 REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #4
 1#10 GROUND CABLE
 ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT.
 REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
- 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #3
 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #4
 1#10 SHARED GROUND CABLE
 ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT.
 REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.

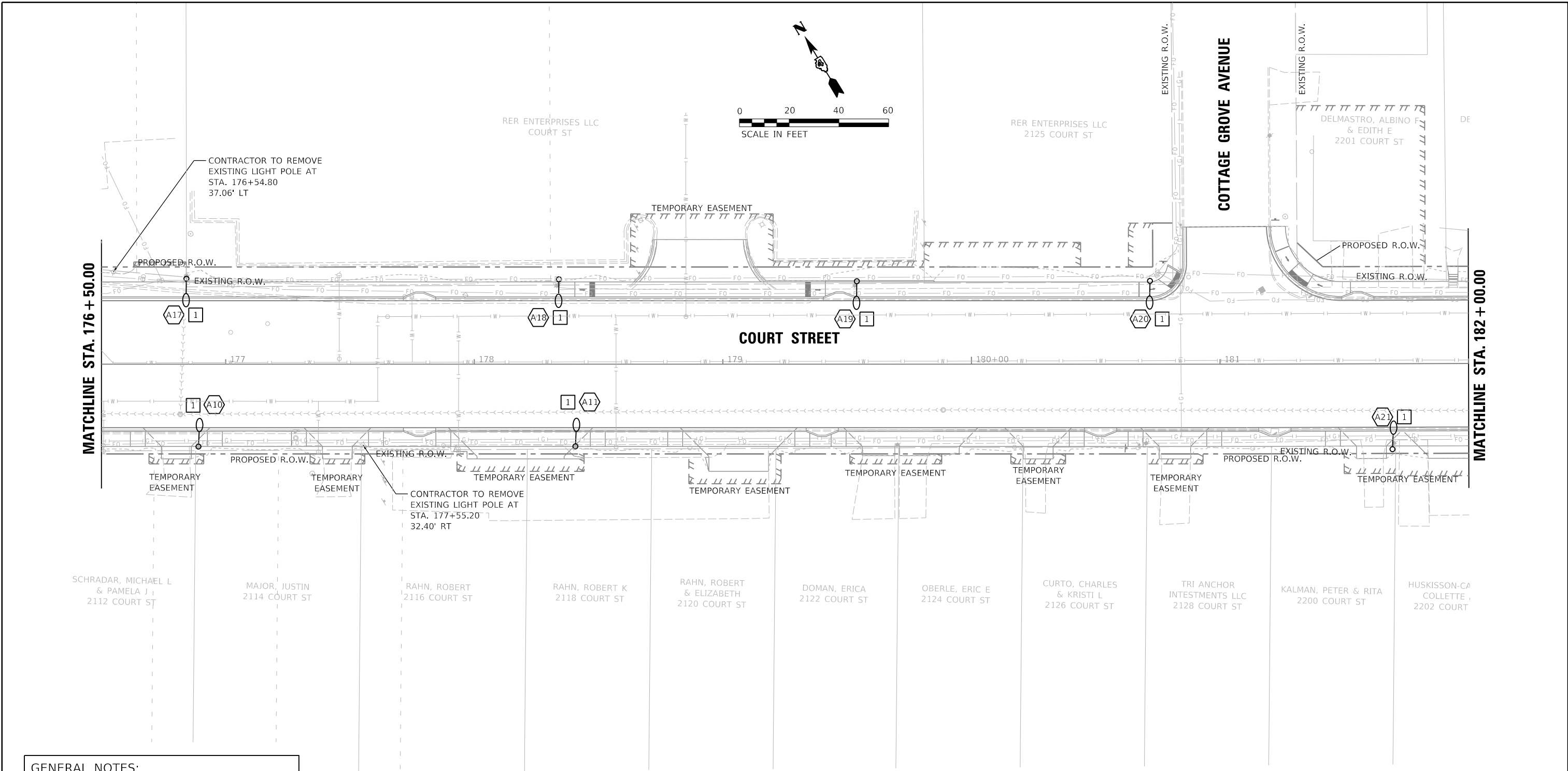
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DRAWN	2/3/23
REVIEWED	2/3/23

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		CHECKED - RDN	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	166
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	



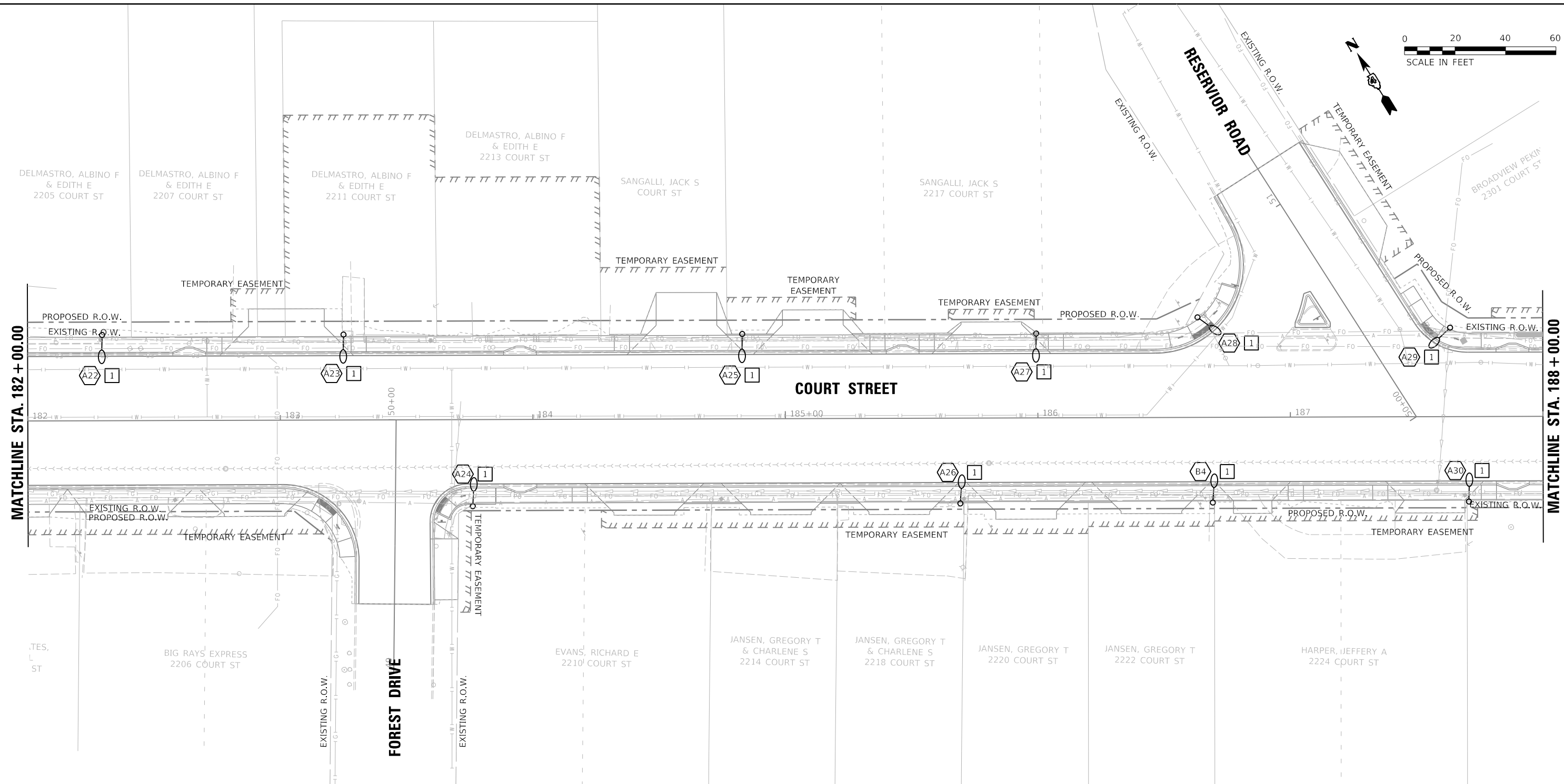
- GENERAL NOTES:**
1. REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
 2. REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAKAWAY TRANSFORMER BASE.
 3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
 4. REFER TO LEGEND FOR SYMBOLOGY DETAILS.
 5. ALL R#, S#, X#, AND Y# FIXTURES ON THIS SHEET ARE CIRCUITED TO LIGHTING CONTROLLER LC-1.

- KEYED NOTES:**
- 1** AMEREN PROVIDED LIGHT FIXTURE AND ARM ON UTILITY POLE. AMEREN TO PROVIDE ALL NECESSARY POWER AND CONTROL CONNECTIONS AND EQUIPMENT FOR THE LIGHT.

LAYOUT	AJT	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	RDN	2/3/23

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		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				COURT STREET LIGHTING PLANS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				SCALE: 1"=20'				693	20-00196-00-R5	TAZEWELL	254	167
				SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 89804				
								ILLINOIS FED. AID PROJECT				



GENERAL NOTES:

1. REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAKAWAY TRANSFORMER BASE.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LEGEND FOR SYMBOLOGY DETAILS.

KEYED NOTES:

1 AMEREN PROVIDED LIGHT FIXTURE AND ARM ON UTILITY POLE. AMEREN TO PROVIDE ALL NECESSARY POWER AND CONTROL CONNECTIONS AND EQUIPMENT FOR THE LIGHT.

LAYOUT	2/3/23
DRAWN	2/3/23
REVIEWED	2/3/23

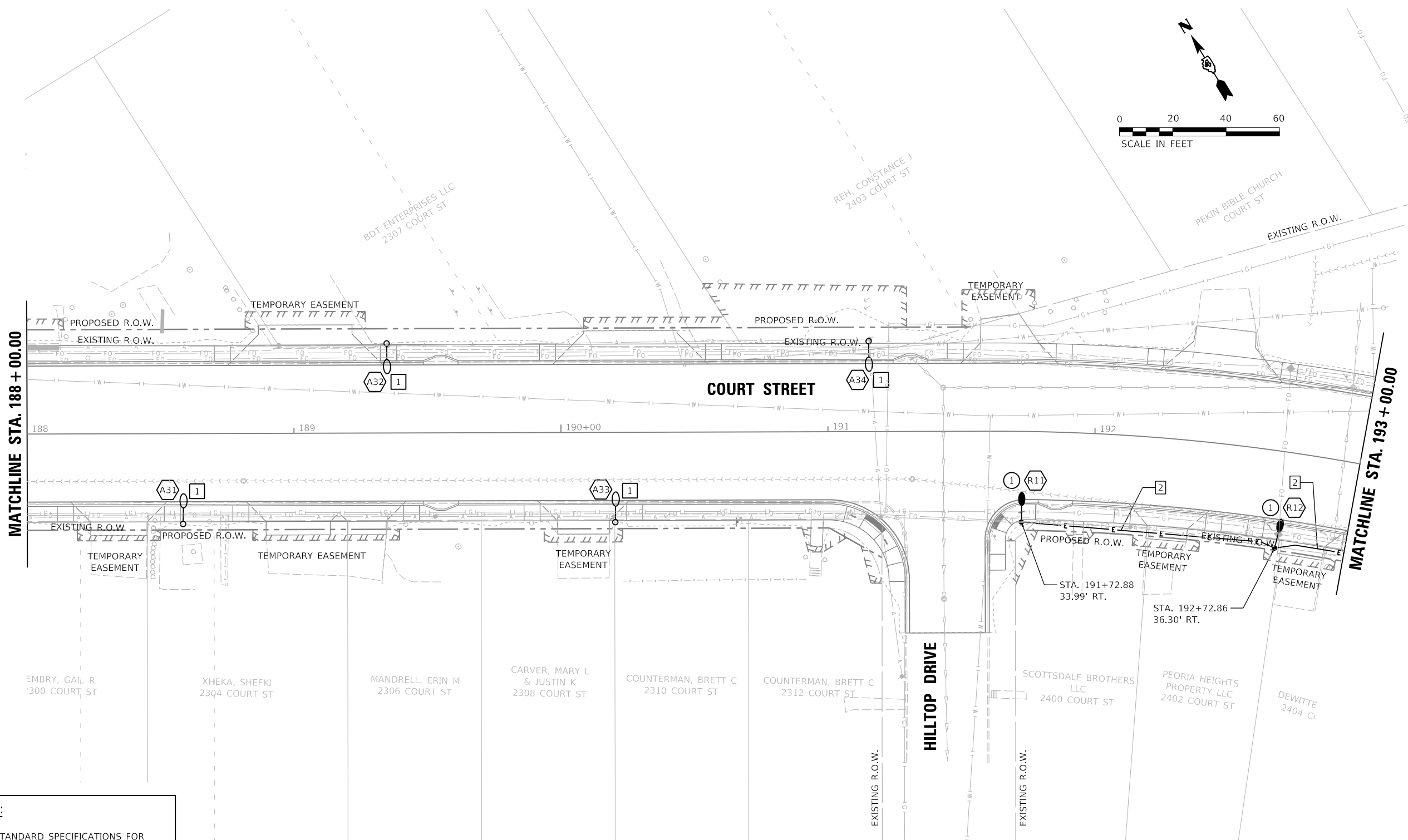
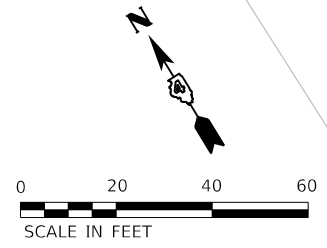
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 LIGHTING PLANS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	168
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



GENERAL NOTES:

- REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
- REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAKAWAY TRANSFORMER BASE.
- REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
- REFER TO LEGEND FOR SYMBOLOGY DETAILS.
- ALL R#, S#, X#, AND Y# FIXTURES ON THIS SHEET ARE CIRCUITED TO LIGHTING CONTROLLER LC-2.

KEYED NOTES:

- AMEREN PROVIDED LIGHT FIXTURE AND ARM ON UTILITY POLE. AMEREN TO PROVIDE ALL NECESSARY POWER AND CONTROL CONNECTIONS AND EQUIPMENT FOR THE LIGHT.
- 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT; 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #1 1#10 GROUND CABLE

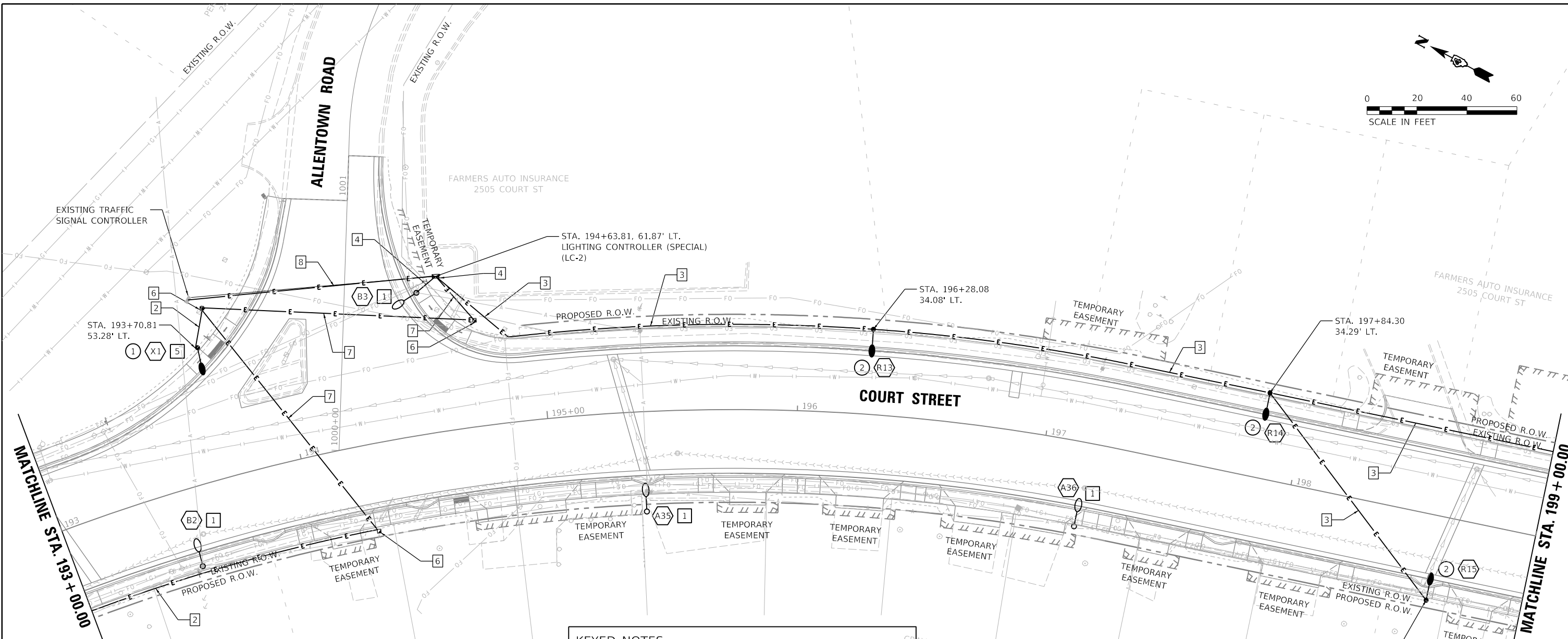
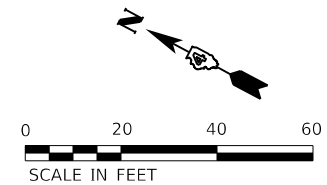
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DRAWN	AJT
REVIEWED	RLA
	RON

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		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COURT STREET LIGHTING PLANS	
SCALE: 1"=20'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	169
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



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- KEYED NOTES:**
- 1 AMEREN PROVIDED LIGHT FIXTURE AND ARM ON UTILITY POLE. AMEREN TO PROVIDE ALL NECESSARY POWER AND CONTROL CONNECTIONS AND EQUIPMENT FOR THE LIGHT.
 - 2 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #1
1#10 GROUND CABLE
 - 3 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #2
1#10 GROUND CABLE
 - 4 COORDINATE WITH AMEREN ON POWER SERVICE LOCATION AND LIGHTING CONTROLLER (SPECIAL), (LC-2). CONTRACTOR TO LOCATE LIGHTING CONTROLLER UNIT WITHIN 50 FEET OF AMEREN PROVIDED SERVICE TRANSFORMER. CONTRACTOR TO PROVIDE SECONDARY 1-1/2" UNDERGROUND SCHEDULE 40 PVC CONDUIT WITH (3) 1/0 SECONDARY FEEDER CABLES FROM SERVICE TRANSFORMER TO LIGHTING CONTROLLER LC-2. AMEREN CONTACT IS DAN URBANIAK AT TELEPHONE NUMBER 309-693-4731 AND EMAIL ADDRESS: DURbaniak@ameren.com
 - 5 INTERSECTION LIGHT FIXTURE MOUNTED TO TRAFFIC SIGNAL LIGHT POLE. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
 - 6 TRAFFIC SIGNAL HANDHOLE. UTILIZE FOR ROUTING LIGHTING CIRCUITS. REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.

- KEYED NOTES CONT.:**
- 7 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #1
1#10 GROUND CABLE
ROUTED INSIDE 4" TRAFFIC SIGNAL CONDUIT.
REFER TO TRAFFIC SIGNAL PLANS FOR MORE DETAILS.
 - 8 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#6 FEEDER CABLES FOR CONNECTION TO EXISTING TRAFFIC SIGNAL CONTROLLER
1#10 GROUND CABLE
SEE LC-2 PANEL SCHEDULE FOR MORE INFORMATION.

- GENERAL NOTES:**
1. REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
 2. REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAKAWAY TRANSFORMER BASE.
 3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
 4. REFER TO LEGEND FOR SYMBOLOGY DETAILS.
 5. ALL R#, S#, X#, AND Y# FIXTURES ON THIS SHEET ARE CIRCUITED TO LIGHTING CONTROLLER LC-2.

LAYOUT	AJT	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	RDN	2/3/23

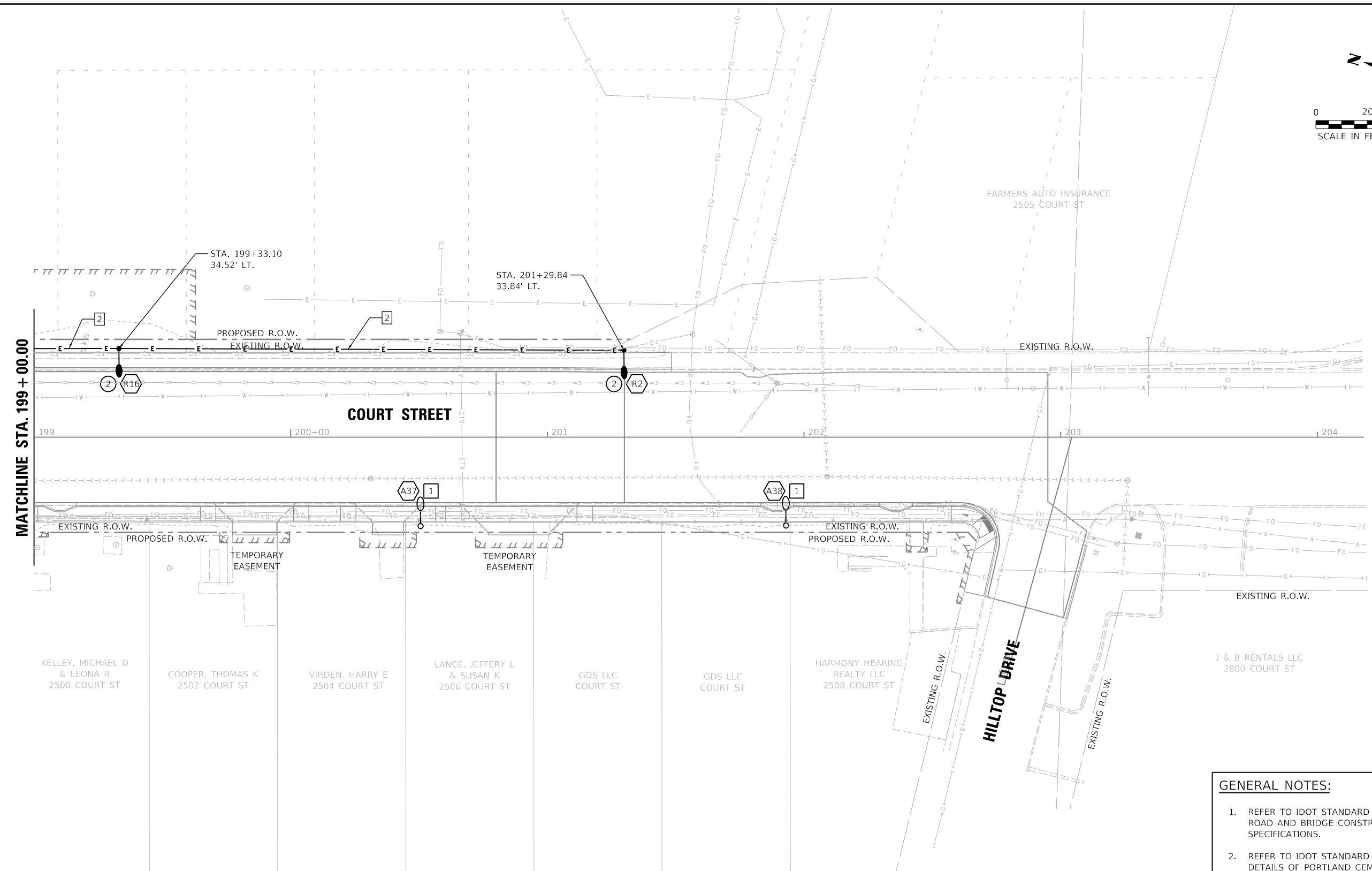
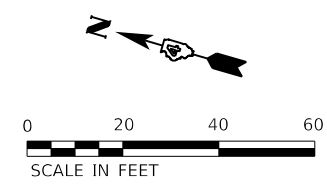
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Default		CHECKED - RDN	REVISED -
		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET
LIGHTING PLANS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	170
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	



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KEYED NOTES:

1 AMEREN PROVIDED LIGHT FIXTURE AND ARM ON UTILITY POLE. AMEREN TO PROVIDE ALL NECESSARY POWER AND CONTROL CONNECTIONS AND EQUIPMENT FOR THE LIGHT.

2 1" UNDERGROUND COILABLE NON-METALLIC CONDUIT; 2#10 FEEDER CABLES FOR LIGHTING CIRCUIT #2 1#10 GROUND CABLE

GENERAL NOTES:

- REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
- REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAKAWAY TRANSFORMER BASE.
- REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
- REFER TO LEGEND FOR SYMBOLOGY DETAILS.
- ALL R#, S#, X#, AND Y# FIXTURES ON THIS SHEET ARE CIRCUITED TO LIGHTING CONTROLLER LC-2.

LAYOUT	AJT	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	RDN	2/3/23

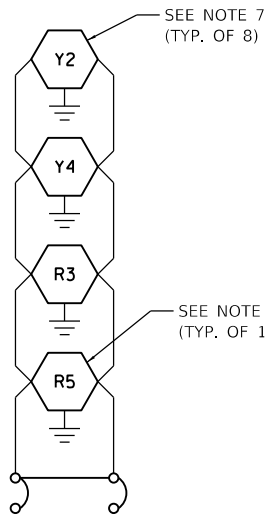
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		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET
LIGHTING PLANS

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

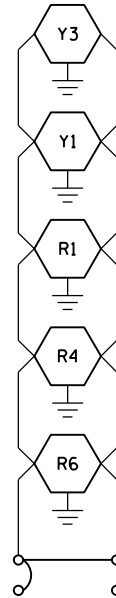
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	171
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



20 AMP, 2-POLE BREAKER

CIRCUIT 1

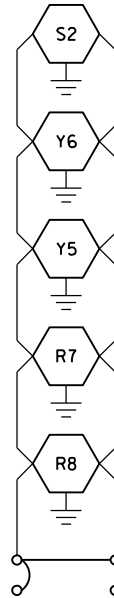
LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 404 VA TOTAL LOAD
 1.18% VOLTAGE DROP



20 AMP, 2-POLE BREAKER

CIRCUIT 2

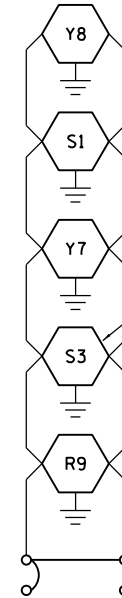
LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 491 VA TOTAL LOAD
 1.49% VOLTAGE DROP



20 AMP, 2-POLE BREAKER

CIRCUIT 3

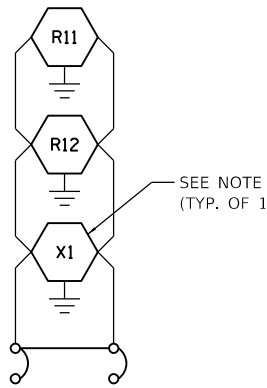
LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 581 VA TOTAL LOAD
 1.69% VOLTAGE DROP



20 AMP, 2-POLE BREAKER

CIRCUIT 4

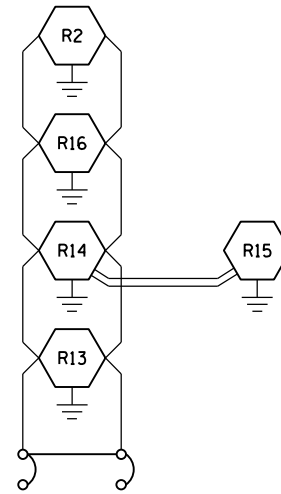
LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 671 VA TOTAL LOAD
 1.90% VOLTAGE DROP



20 AMP, 2-POLE BREAKER

CIRCUIT 1

LIGHTING CONTROLLER 2 (LC-2)
 100 AMP, 240 VOLT, SINGLE PHASE,
 351 VA TOTAL LOAD
 0.39% VOLTAGE DROP



20 AMP, 2-POLE BREAKER

CIRCUIT 2

LIGHTING CONTROLLER 2 (LC-2)
 100 AMP, 240 VOLT, SINGLE PHASE,
R13,R14,R15 RUN:
 261 VA TOTAL LOAD
 0.41% VOLTAGE DROP
R13,R14,R16,R2 RUN:
 348 VA TOTAL LOAD
 0.71% VOLTAGE DROP

GENERAL NOTES

1. LIGHTING CONTROLLER 1 (LC-1) IS LOCATED AT THE SOUTHEAST CORNER OF THE COURT STREET AND AUDUBON DRIVE INTERSECTION. SEE PLANS FOR DETAILS.
2. 87 WATT LED ROADWAY LIGHTING FIXTURES (IDOT "E" OUTPUT DESIGNATION) HAVE A "R#" DESIGNATION
3. ALL SPLICES ARE TO BE MADE IN THE LIGHT POLE AT THE POLE HANDHOLE AND NOT IN THE IN-GRADE HANDHOLES PER ARTICLE 1066.06 OF THE STANDARD SPECIFICATIONS.
4. SEE PLANS FOR LOCATIONS OF LUMINAIRES.
5. 177 WATT LED ROADWAY LIGHTING FIXTURES (IDOT "H" OUTPUT DESIGNATION) HAVE A "S#" DESIGNATION.
6. 177 WATT LED INTERSECTION LIGHTING FIXTURES (IDOT "H" OUTPUT DESIGNATION) HAVE A "X#" DESIGNATION.
7. 115 WATT LED INTERSECTION LIGHTING FIXTURES (IDOT "G" OUTPUT DESIGNATION) HAVE A "Y#" DESIGNATION.
8. LIGHTING CONTROLLER 2 (LC-2) IS LOCATED AT THE NORTHEAST CORNER OF THE COURT STREET AND ALLENTOWN ROAD INTERSECTION. SEE PLANS FOR DETAILS.

LAYOUT	AJT	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	RDN	2/3/23

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	PLOT DATE = 2/3/2023	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

COURT STREET LIGHTING CONTROLLER CIRCUITING DIAGRAM			
SCALE: N/A	SHEET	OF SHEETS	STA. TO STA.

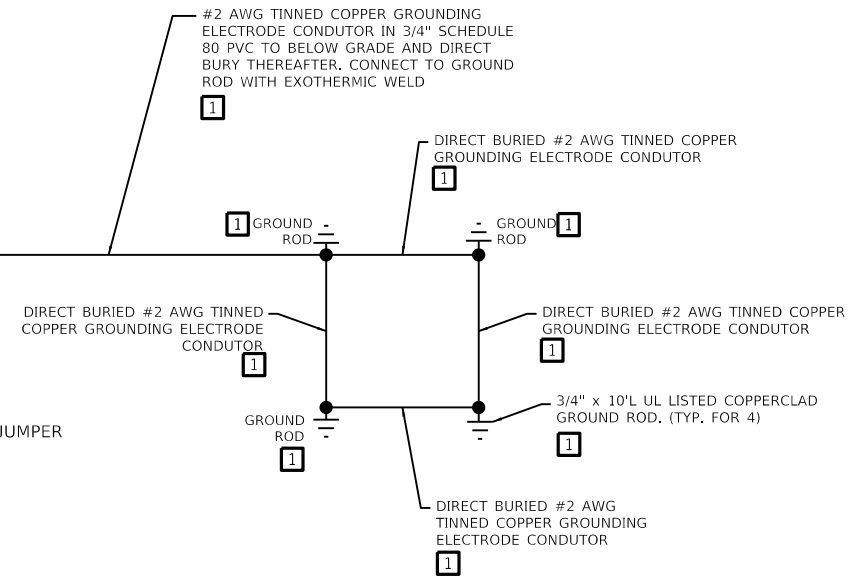
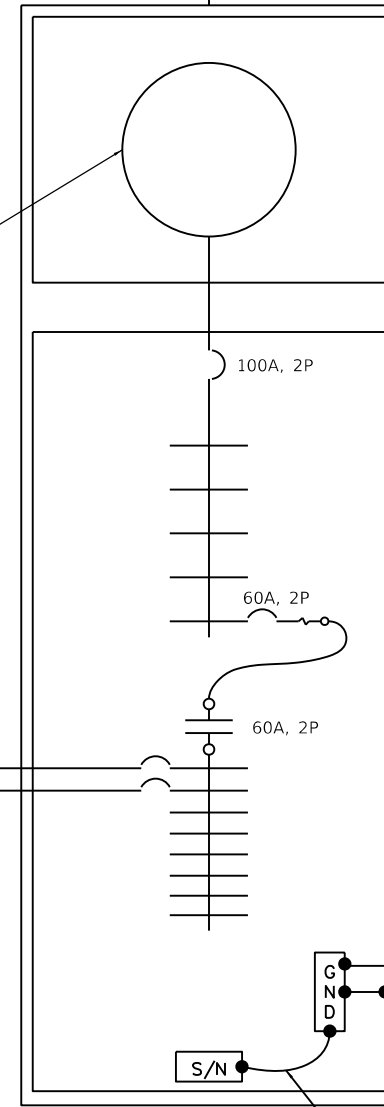
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	172
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				

100A, 120/240VAC, 1PH, 3-WIRE ELECTRICAL SERVICE;
 3 #1/0 XLP USE IN 1-1/2" UNDERGROUND
 SCHEDULE 40 PVC CONDUIT. CONFIRM CONDUIT
 REQUIREMENTS WITH AMEREN

UTILITY METER PER AMEREN REQUIREMENTS

COMBINATION COMMERCIAL METER PEDESTAL
 WITH SERVICE BREAKER, PANELBOARD,
 CONTACTOR & SECOND SECTION PANELBOARD
 CONTROLLED THROUGH CONTACTOR. SEE DETAILS
 ON SHEET 11 AND SPECIAL PROVISIONS.

SEE PANEL SCHEDULE ON ELECTRICAL
 LC-1 AND LC-2 DETAILS & PANEL
 SCHEDULES SHEET



1 COMMERCIAL PEDESTAL LC-1 AND LC-2 ONE-LINE DIAGRAM
 SCALE: NONE

KEYED NOTES:

- 1** LABOR AND MATERIAL COST FOR THE LIGHTING CONTROLLER UNIT LC-1 GROUNDING SYSTEM IS INCIDENTAL TO THE PAY ITEM "LIGHTING CONTROLLER (SPECIAL)".

LAYOUT	AJT	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	RDN	2/3/23

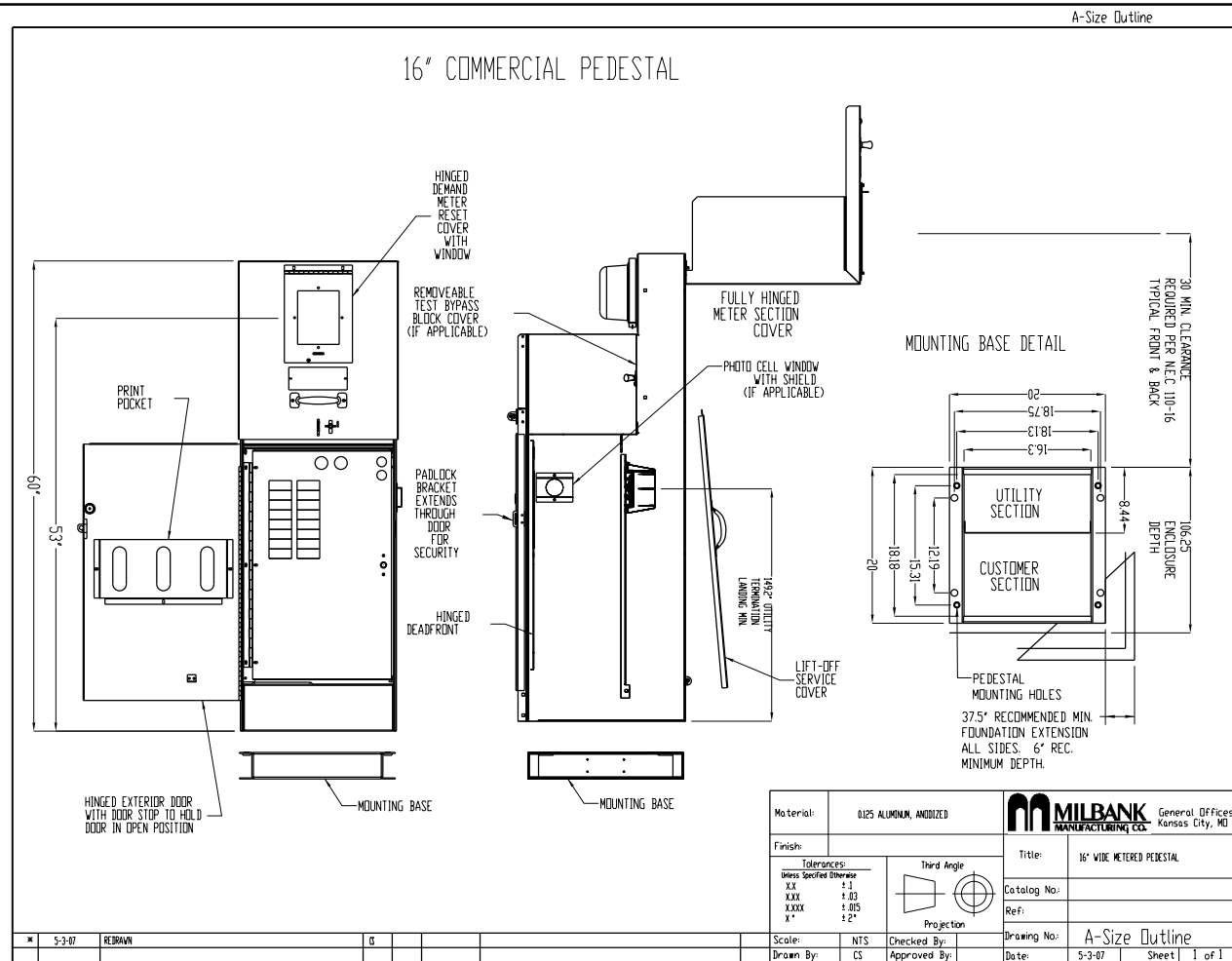
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	PLOT DATE = 6/16/2023	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 ELECTRICAL ONE-LINE DIAGRAM**

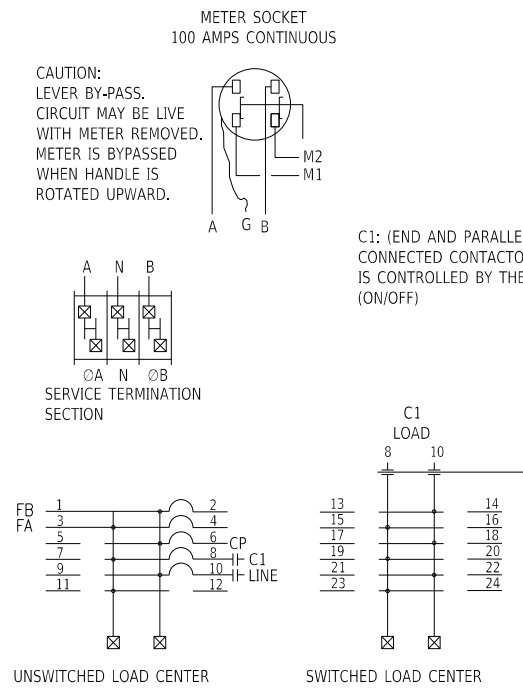
SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	173
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	

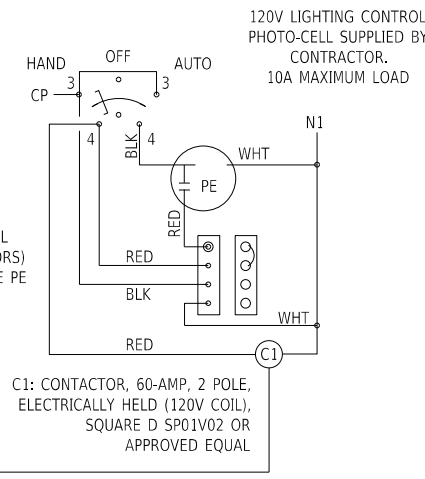


1 16" COMMERCIAL PEDESTAL DETAIL
 SCALE: NONE

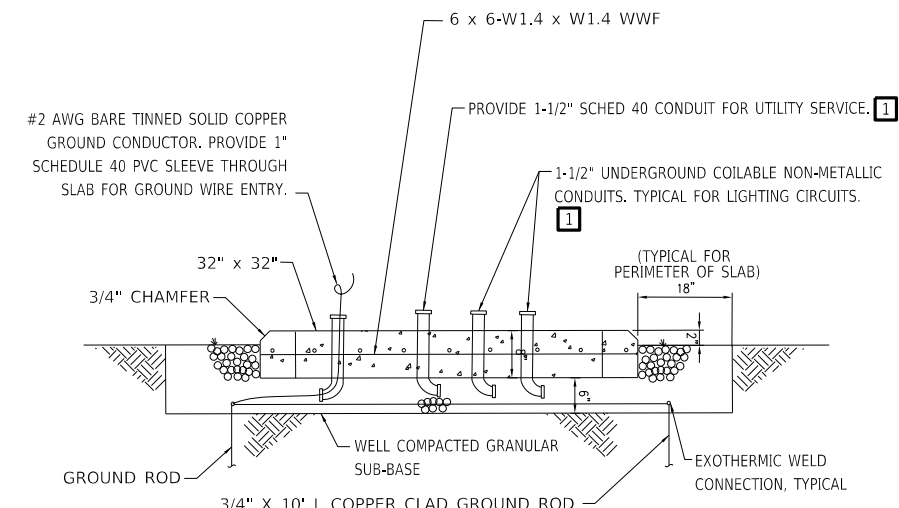
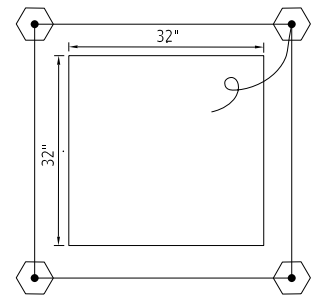
Material:	0125 ALUMINUM, ANODIZED		General Offices:	Kansas City, MO
Finish:			Title:	16" WIDE METERED PEDESTAL
Tolerances:	Unless Specified Otherwise	Third Angle	Projection:	
X.X	+0.03		Catalog No.:	
XXX	+0.05		Ref.:	
XXXX	+0.075		Drawing No.:	A-Size Outline
Y"	+0.12"		Date:	5-3-07
Scale:	NTS	Checked By:	CS	Sheet 1 of 1
Drawn By:	CS	Approved By:		



2 WIRING DIAGRAM
 SCALE: NONE



3A LIGHTING CONTROLLER PAD PLAN VIEW
 SCALE: NONE



KEYED NOTES:
1 TRANSITION TO PVC COATED RGS CONDUIT WHERE EMERGING FROM GRADE INTO THE FOUNDATION PAD. PVC COATED RGS CONDUIT LABOR AND MATERIAL COST IS INCIDENTAL TO THE PAY ITEM "LIGHTING CONTROLLER (SPECIAL)."

3B LIGHTING CONTROLLER PAD SECTION DETAIL
 SCALE: NONE

PANEL LC-1 MILBANK MODEL CP3B5111HA22SL1										
100 A MAIN BREAKER		120 / 240 VOLT 1 PHASE 3 WIRE				PAD MOUNTED				
VOLT-AMP	CIR. NO.	LOAD	CB	P	Ø	P	CB	LOAD	CIR. NO.	VOLT-AMP
UNSWITCHED SECTION OF PANEL										
	1				A				2	
	3	NON USABLE SPACE			B	2	100	BACK FED MAIN BREAKER	4	
	5	SPARE	20	1	A	1	20	CONTROL CIRCUIT	6	250
	7	SPARE	20	1	B				8	
	9	SPARE	20	1	A	2	60	FEEDER TO SWITCHED SECTION OF PANEL	10	
	11	SPACE	-	-	B	-	-	SPACE	12	
SWITCHED SECTION OF PANEL										
202	13	LIGHTING CIRCUIT 1	20	2	A	2	20	LIGHTING CIRCUIT 2	14	246
202	15		16	246						
291	17	LIGHTING CIRCUIT 3	20	2	A	2	20	LIGHTING CIRCUIT 4	18	336
291	19				20				336	
	21	BUSSED SPACE (FOR FUTURE LIGHTING)	-	-	A	-	-	BUSSED SPACE (FOR FUTURE LIGHTING)	22	
	23		-	-	B	-	-		24	

CIRCUIT BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 22000 RMS SYMMETRICAL AMPERES.
 TOTAL CONNECTED LOAD = 2.7 KVA TOTAL DEMAND LOAD = 2.7 KVA
 PROVIDE A NEMA 3R ALUMINUM (ANODIZED) ENCLOSURE PROVIDE COPPER GROUND BUS

PANEL LC-2 MILBANK MODEL CP3B5111HA22SL1										
100 A MAIN BREAKER		120 / 240 VOLT 1 PHASE 3 WIRE				PAD MOUNTED				
VOLT-AMP	CIR. NO.	LOAD	CB	P	Ø	P	CB	LOAD	CIR. NO.	VOLT-AMP
UNSWITCHED SECTION OF PANEL										
	1				A				2	
	3	NON USABLE SPACE			B	2	100	BACK FED MAIN BREAKER	4	
2500	5	TRAFFIC SIGNAL CABINET	30	1	A	1	20	CONTROL CIRCUIT	6	250
	7	SPARE	20	1	B				8	
	9	SPARE	20	1	A	2	60	FEEDER TO SWITCHED SECTION OF PANEL	10	
	11	SPACE	-	-	B	-	-	SPACE	12	
SWITCHED SECTION OF PANEL										
176	13	LIGHTING CIRCUIT 1	20	2	A	2	20	LIGHTING CIRCUIT 2	14	218
176	15		16	218						
	17	BUSSED SPACE (FOR FUTURE LIGHTING)	20	2	A	2	20	BUSSED SPACE (FOR FUTURE LIGHTING)	18	
	19				20					
	21		-	-	A	-	-		22	
	23		-	-	B	-	-		24	

CIRCUIT BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 22000 RMS SYMMETRICAL AMPERES.
 TOTAL CONNECTED LOAD = 3.5 KVA TOTAL DEMAND LOAD = 3.5 KVA
 PROVIDE A NEMA 3R ALUMINUM (ANODIZED) ENCLOSURE PROVIDE COPPER GROUND BUS

LAYOUT	2/3/23
DRAWN	AJT
REVIEWED	RLA
	RON

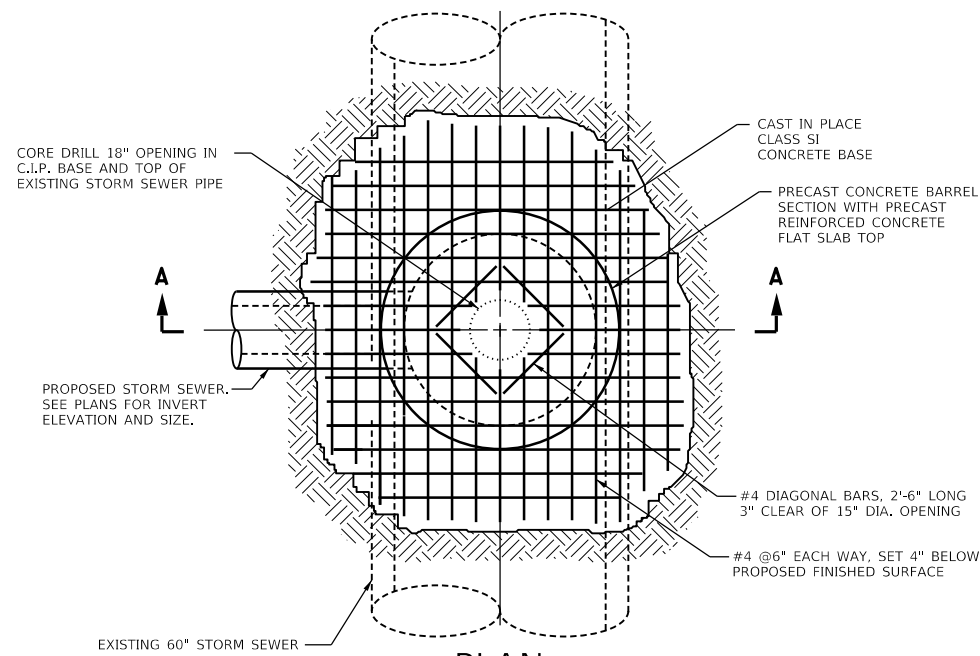
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PLOT DATE = 6/16/2023		DATE -	2/3/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET
ELECTRICAL LC-1 AND LC-2 DETAILS & PANEL SCHEDULES

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	174
			CONTRACT NO. 89804	
ILLINOIS FED. AID PROJECT				

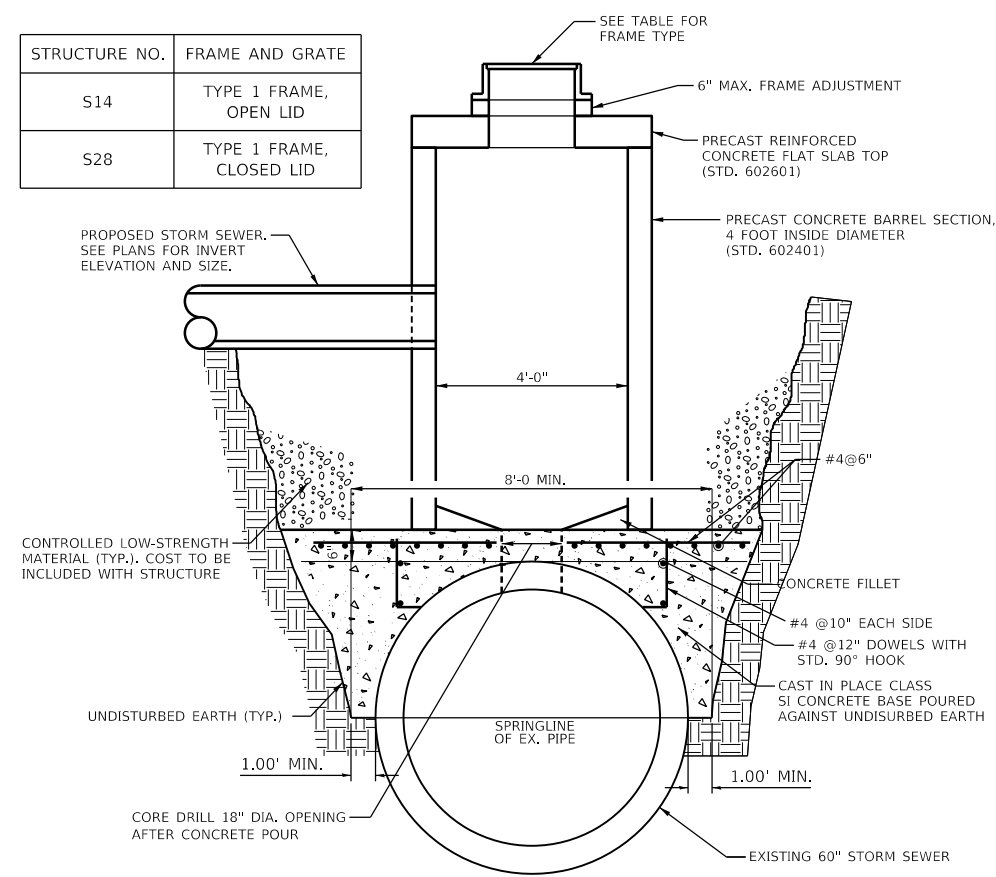


PLAN

NOTES:

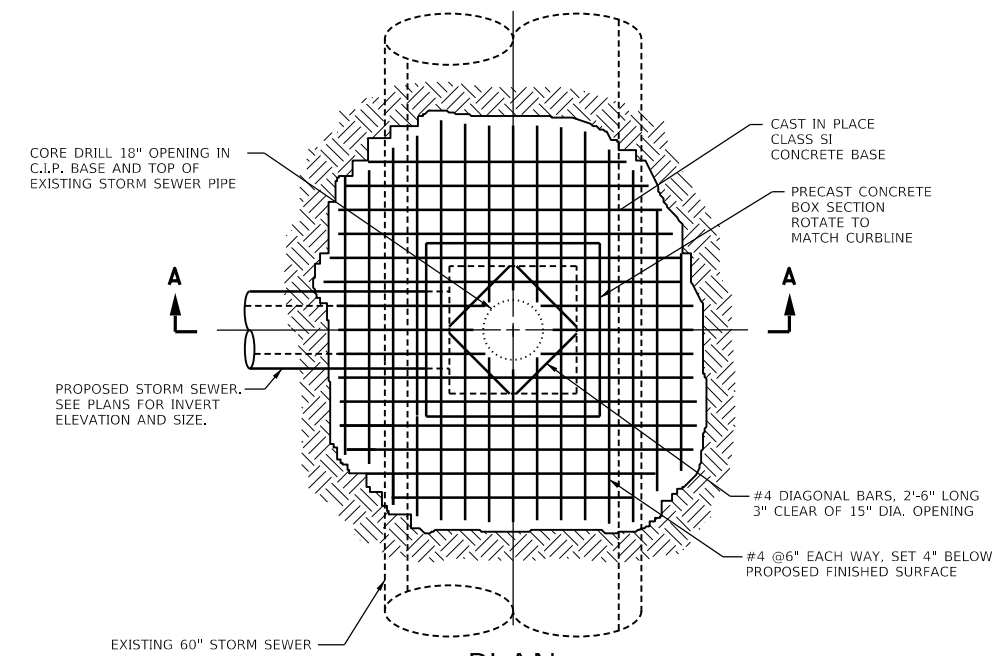
1. THE C.I.P. BASE SHALL BE CAST IN ONE POUR EVENT AND SHOULD ADJOIN UNDISTURBED EARTH.
2. THE 18" OPENING IN BOTTOM OF STRUCTURE SHALL BE CORE DRILLED AFTER THE C.I.P. BASE HAS CURED. THE CORE DRILLING SHALL CONSIST OF DRILLING THROUGH THE NEW C.I.P. BASE AND EXISTING SEWER PIPE. CARE SHOULD BE TAKEN TO PREVENT THE CORE FROM FALLING INTO THE STORM SEWER PIPE.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MANHOLE RISER STRUCTURES (OPEN BOTTOM), WHICH PRICE SHALL INCLUDE FRAME AND GRATE, CONCRETE, CONCRETE BARREL SECTIONS, FLAT SLAB TOP, AND LABOR. WORK SHALL BE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE CLSM AROUND THE STRUCTURE SHALL BE INCLUDED IN THE UNIT PRICE OF THE STRUCTURE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CLSM USED FOR THE PROPOSED SEWER PIPES WILL BE PAID FOR PER CU. YD. IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

STRUCTURE NO.	FRAME AND GRATE
S14	TYPE 1 FRAME, OPEN LID
S28	TYPE 1 FRAME, CLOSED LID



SECTION A-A

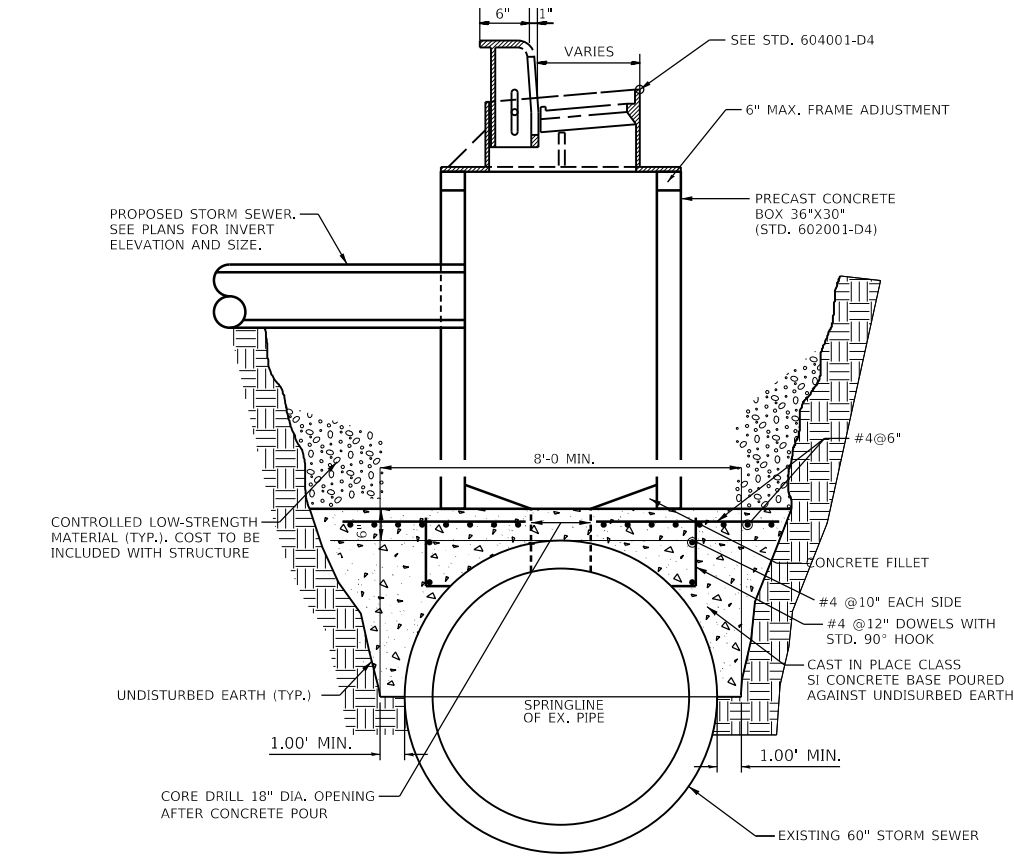
MANHOLE RISER STRUCTURES (OPEN BOTTOM)



PLAN

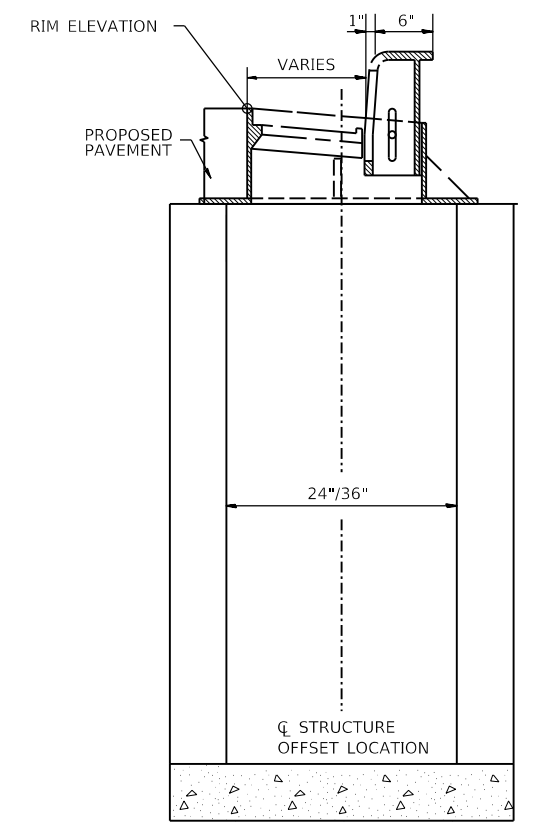
NOTES:

1. THE C.I.P. BASE SHALL BE CAST IN ONE POUR EVENT AND SHOULD ADJOIN UNDISTURBED EARTH.
2. THE 18" OPENING IN BOTTOM OF STRUCTURE SHALL BE CORE DRILLED AFTER THE C.I.P. BASE HAS CURED. THE CORE DRILLING SHALL CONSIST OF DRILLING THROUGH THE NEW C.I.P. BASE AND EXISTING SEWER PIPE. CARE SHOULD BE TAKEN TO PREVENT THE CORE FROM FALLING INTO THE STORM SEWER PIPE.
3. SEE STD. 602001-D4 AND STD. 602006-D4 FOR CONCRETE APRON AND CURB AND GUTTER LAYOUT BASED UPON CONFIGURATION SHOWN IN THE DRAINAGE PLANS. PAY LIMITS SHOWN IN THESE STANDARDS SHALL APPLY TO THIS ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR INLET RISER STRUCTURES (OPEN BOTTOM), WHICH PRICE SHALL INCLUDE FRAME AND GRATE, CONCRETE, CONCRETE BOX SECTIONS, CURB AND GUTTER, AND LABOR. WORK SHALL BE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE CLSM AROUND THE STRUCTURE SHALL BE INCLUDED IN THE UNIT PRICE OF THE STRUCTURE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CLSM USED FOR THE PROPOSED SEWER PIPES WILL BE PAID FOR PER CU. YD. IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

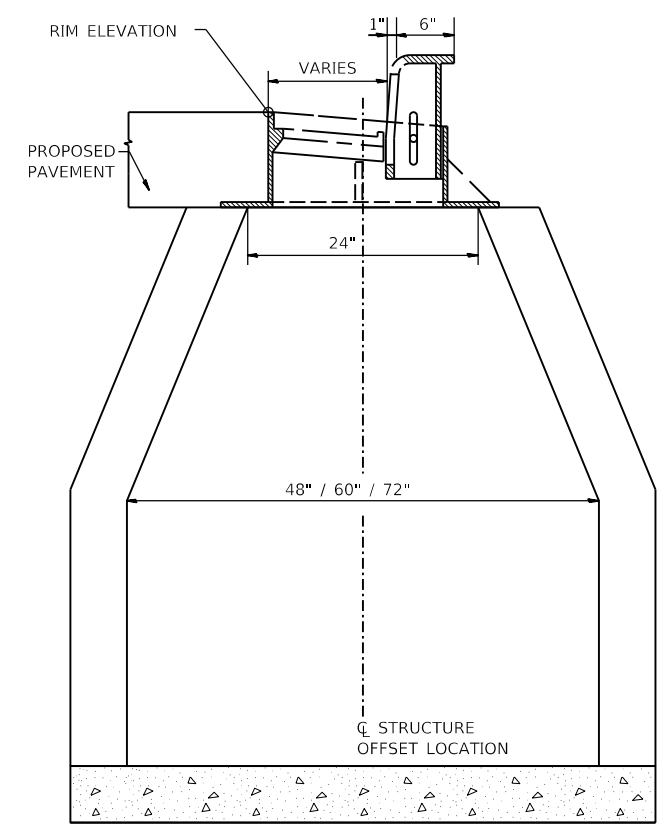


SECTION A-A

INLET RISER STRUCTURES (OPEN BOTTOM)



INLET, TYPE A/B



MANHOLE, TYPE A

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

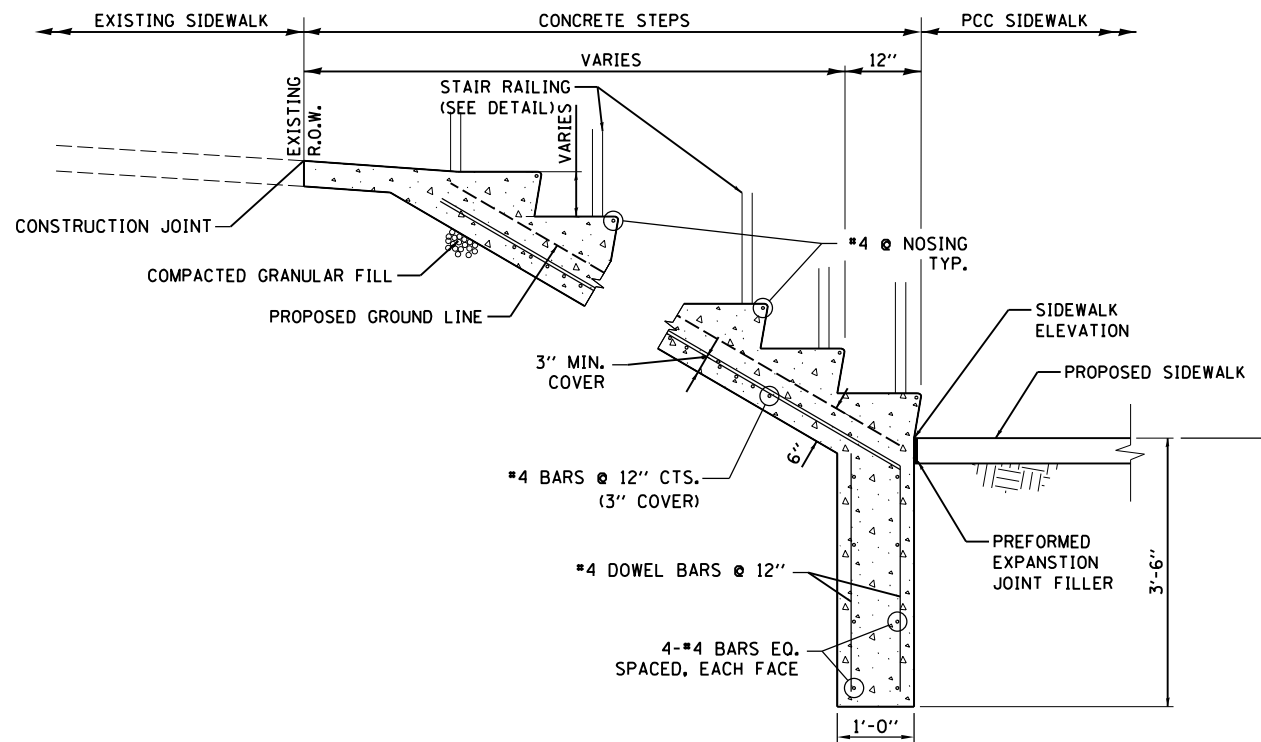
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

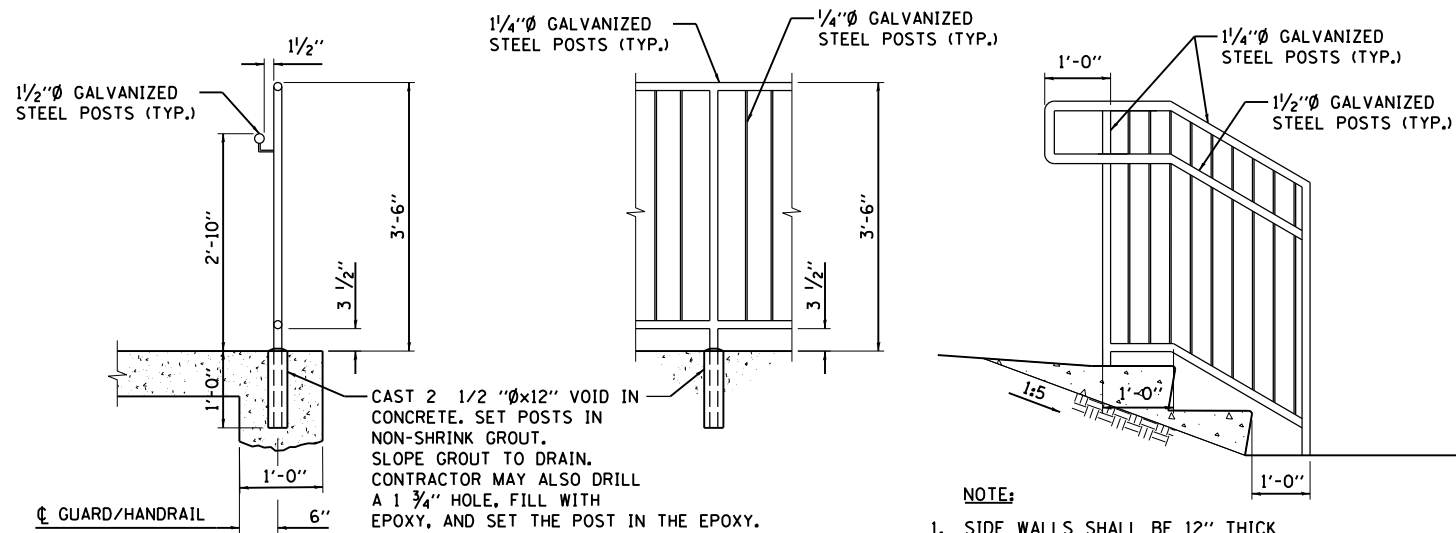
**COURT STREET
 DRAINAGE DETAILS**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	175
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



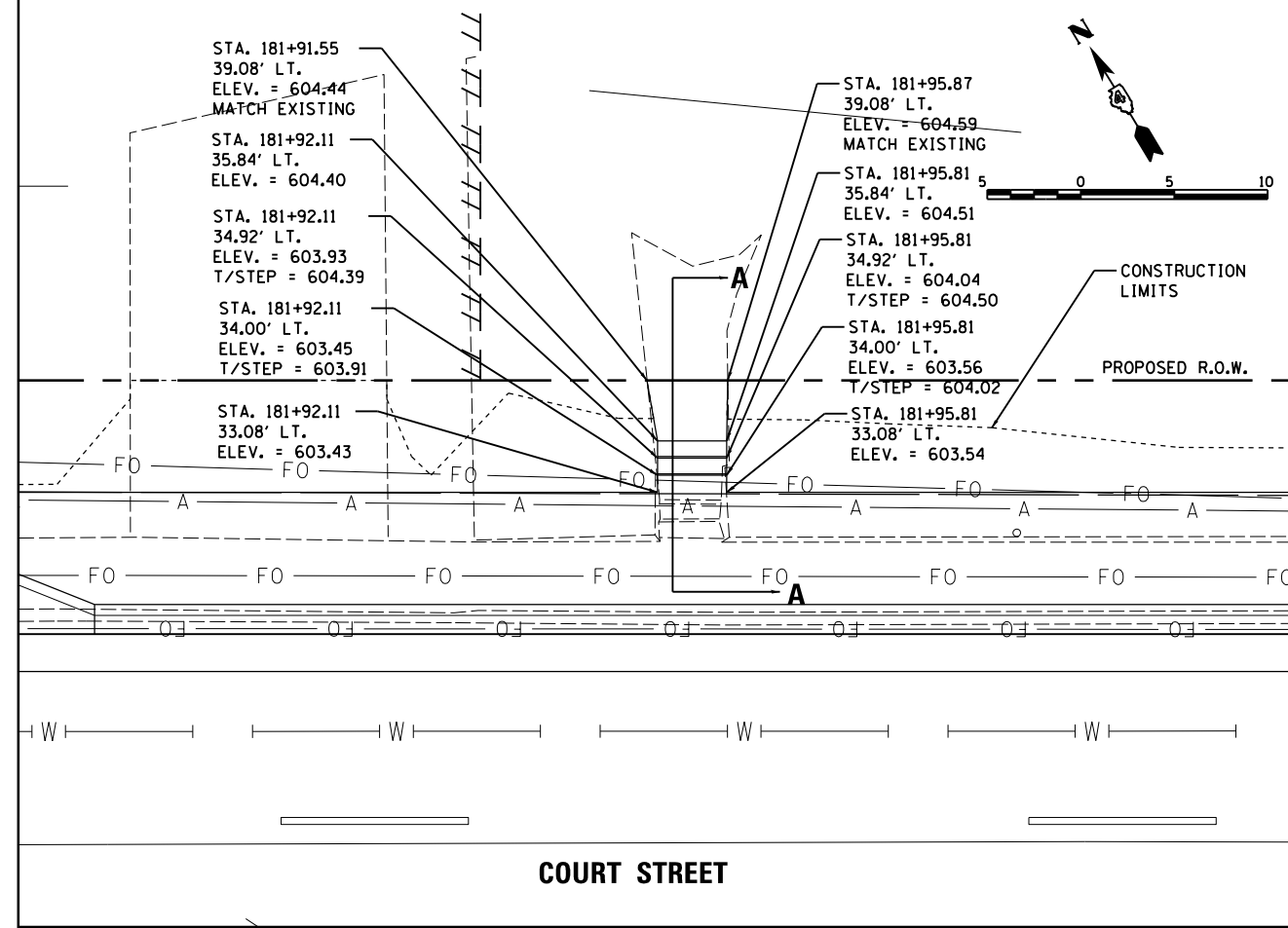
SECTION A-A
CONCRETE STEPS
 SCALE: NONE



STAIR RAILING
 SCALE: NONE

NOTE:

1. SIDE WALLS SHALL BE 12" THICK WITH #4 BARS @ 12" CTS. EACH WAY
2. STAIR RAILING PRE-PRIMER AND PRIMER COAT SHALL BE FACTORY APPLIED; ALL FINISH COATS SHALL BE APPLIED BLACK EPOXY.



COURT STREET

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

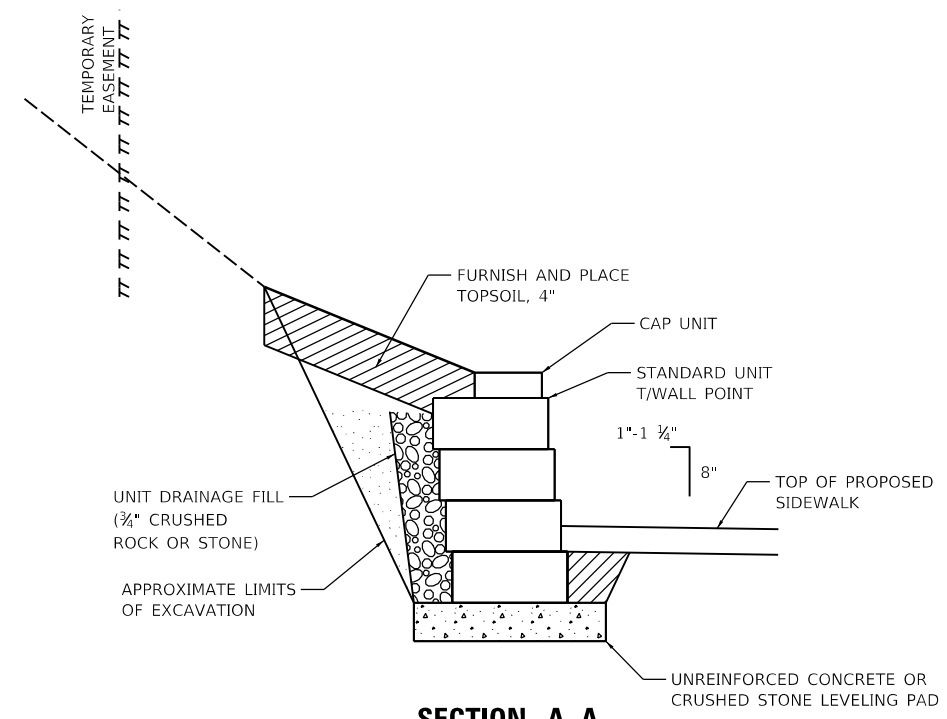
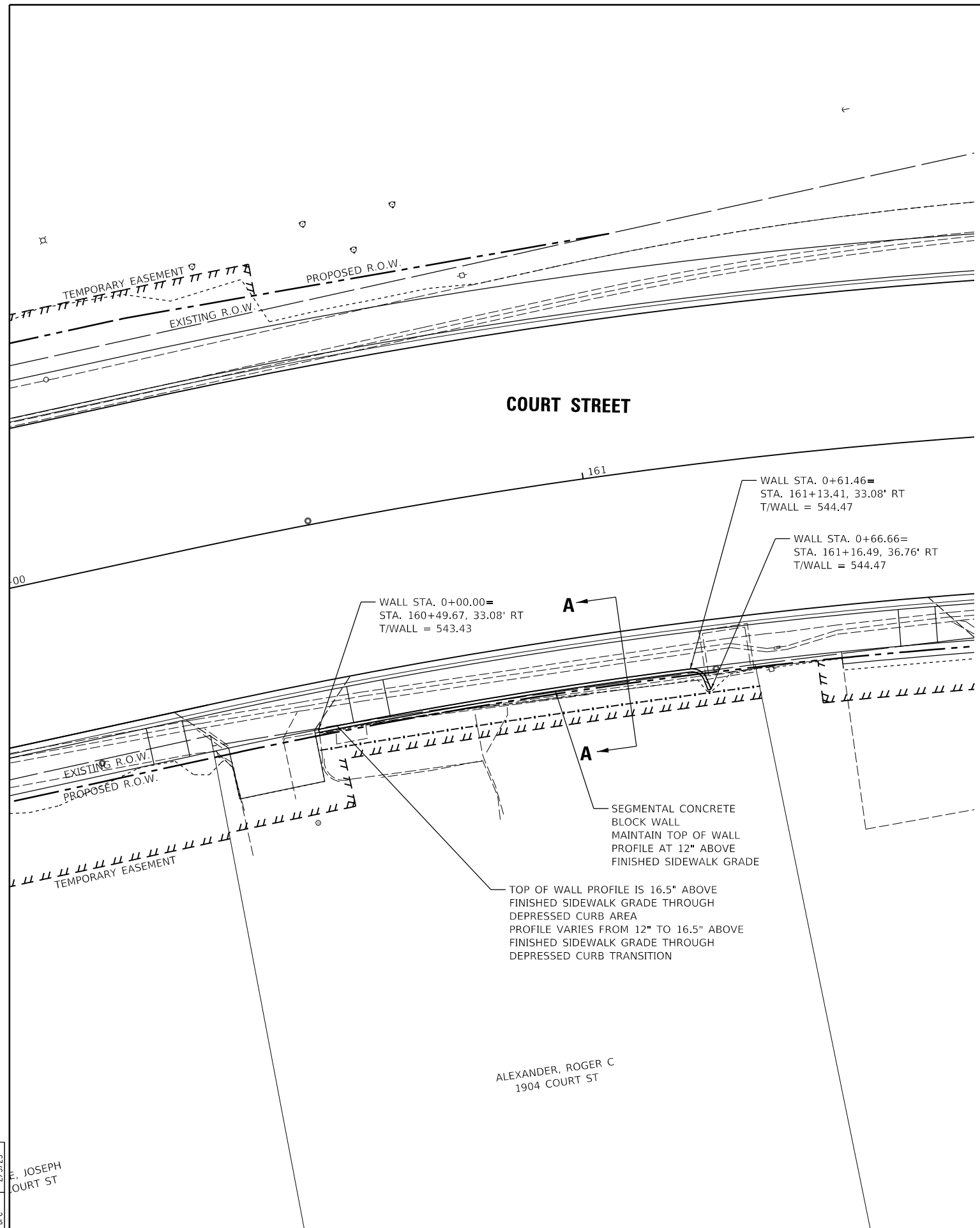
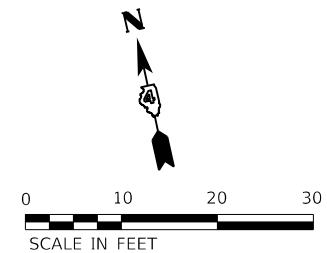
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PLOT SCALE = 10.0005' / 1"		CHECKED - JFC	REVISED -
PLOT DATE = 2/3/2023		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET
CONCRETE STEPS DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	176
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



SECTION A-A
SEGMENTAL CONCRETE BLOCK WALL SECTION
(SEE SEGMENTAL CONCRETE RETAINING WALL DETAIL)

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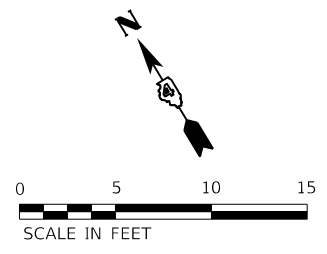
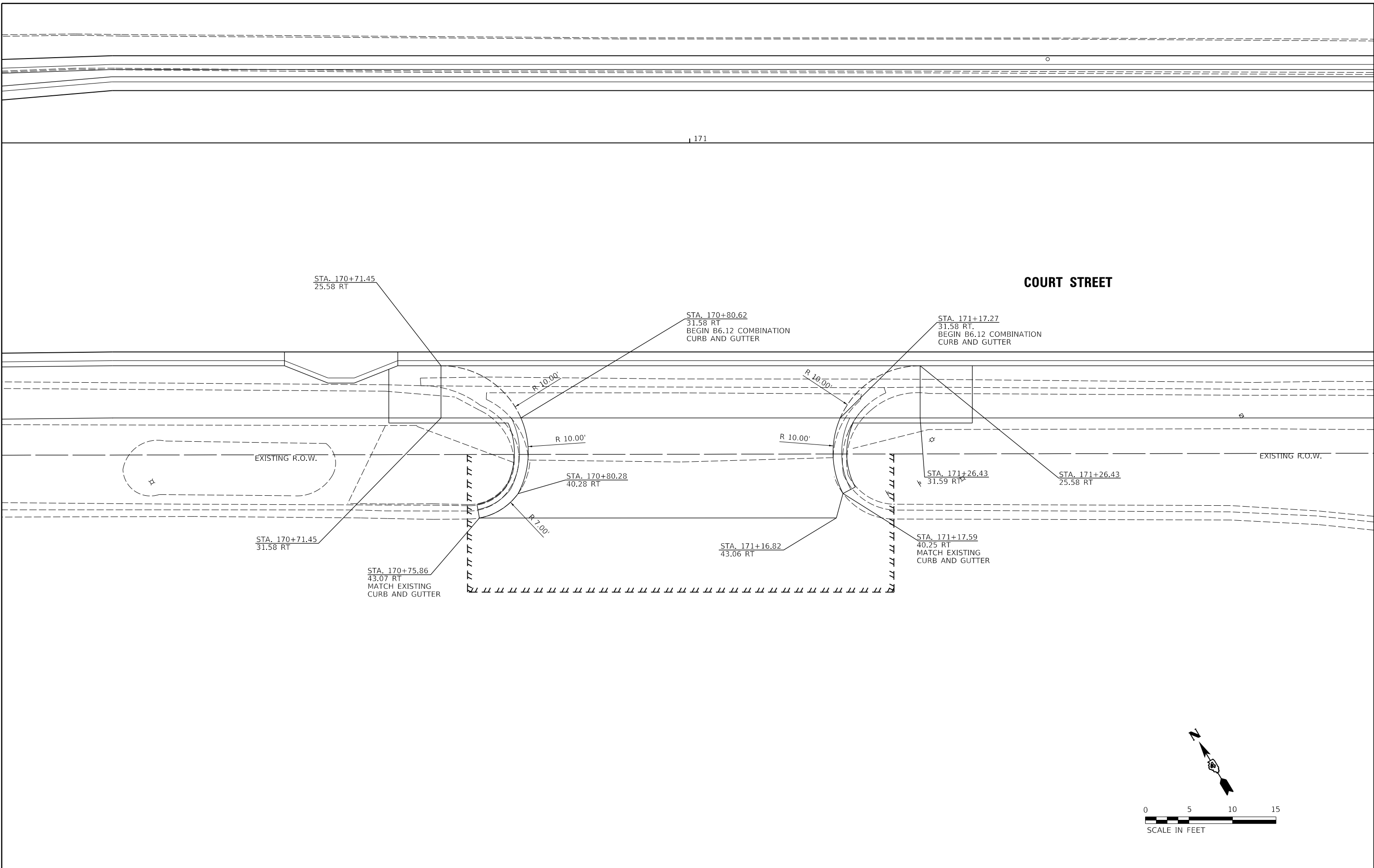
LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET			
SEGMENTAL CONCRETE BLOCK WALL SECTION			
SCALE: 1"=5'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	177
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

FILE NAME =	USER NAME = onder00846	DESIGNED - CJG	REVISED -
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

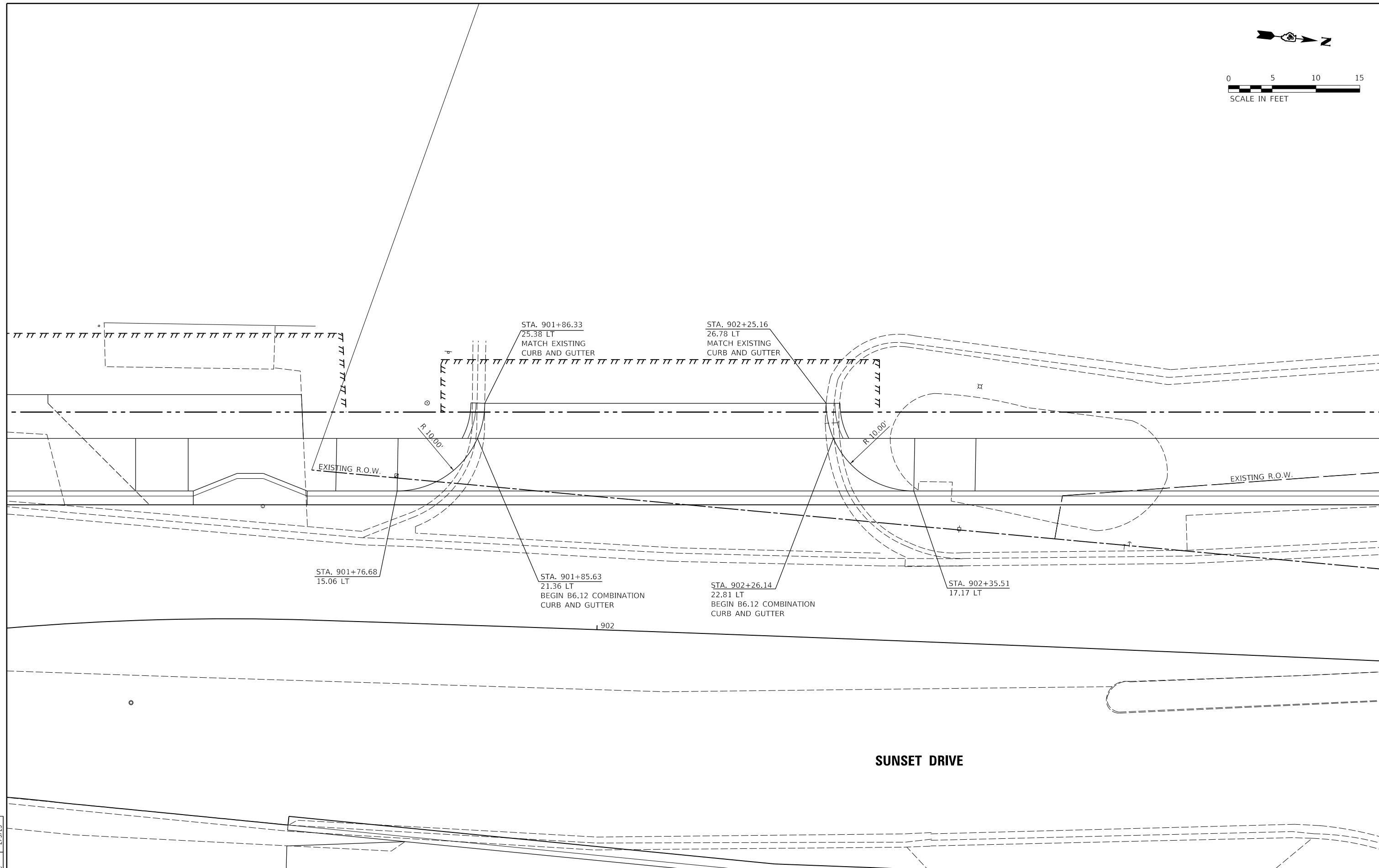
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

2020 COURT STREET ENTRANCE DETAIL			
SCALE: 1"=5'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	178
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



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SUNSET DRIVE

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

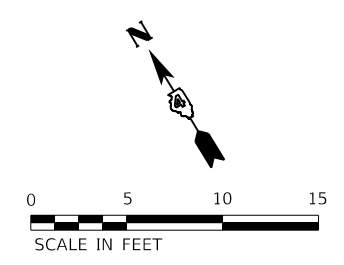
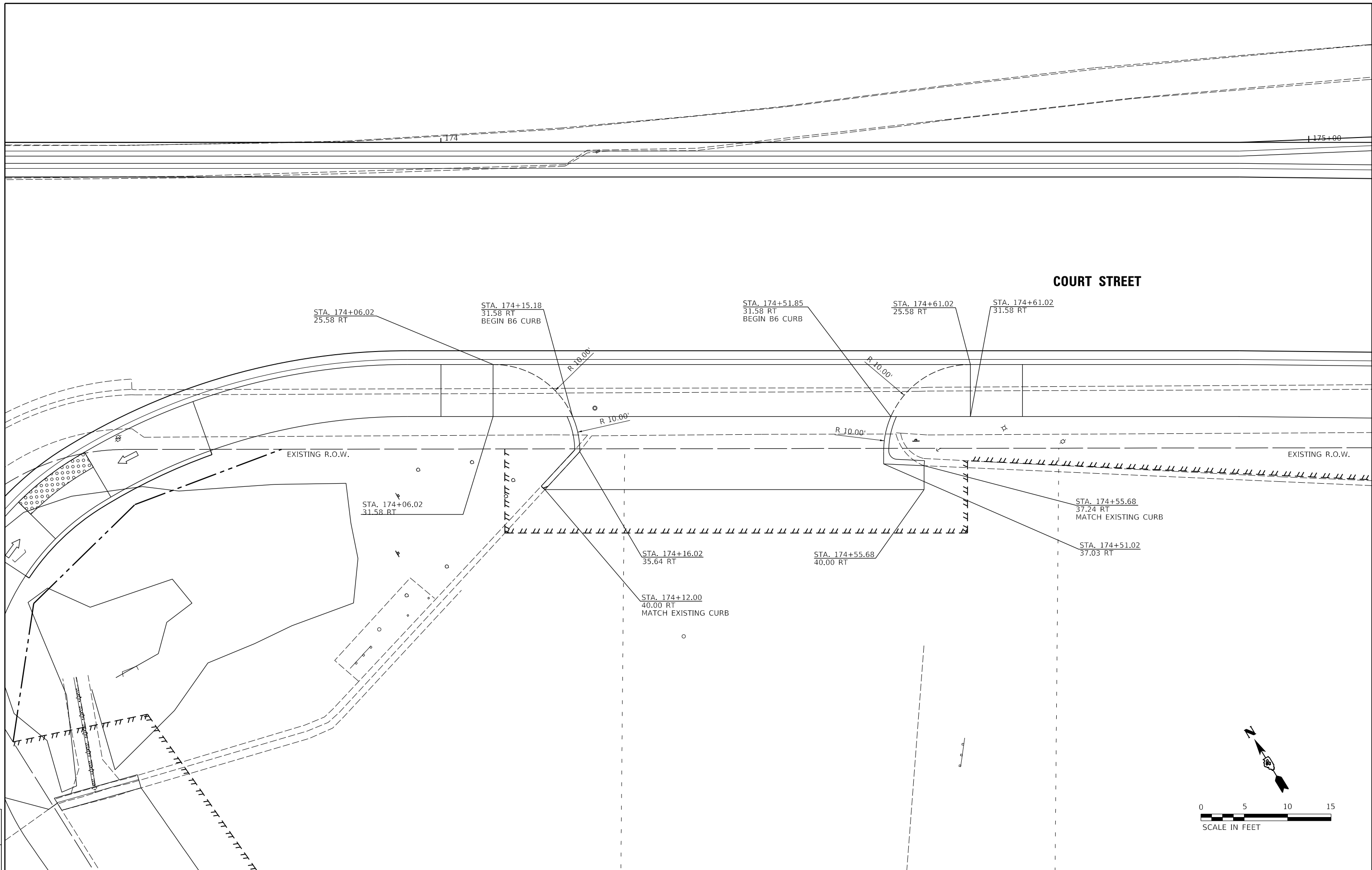
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**2020 COURT STREET
SUNSET DRIVE ENTRANCE DETAIL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	179
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				

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



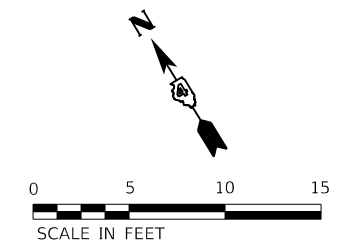
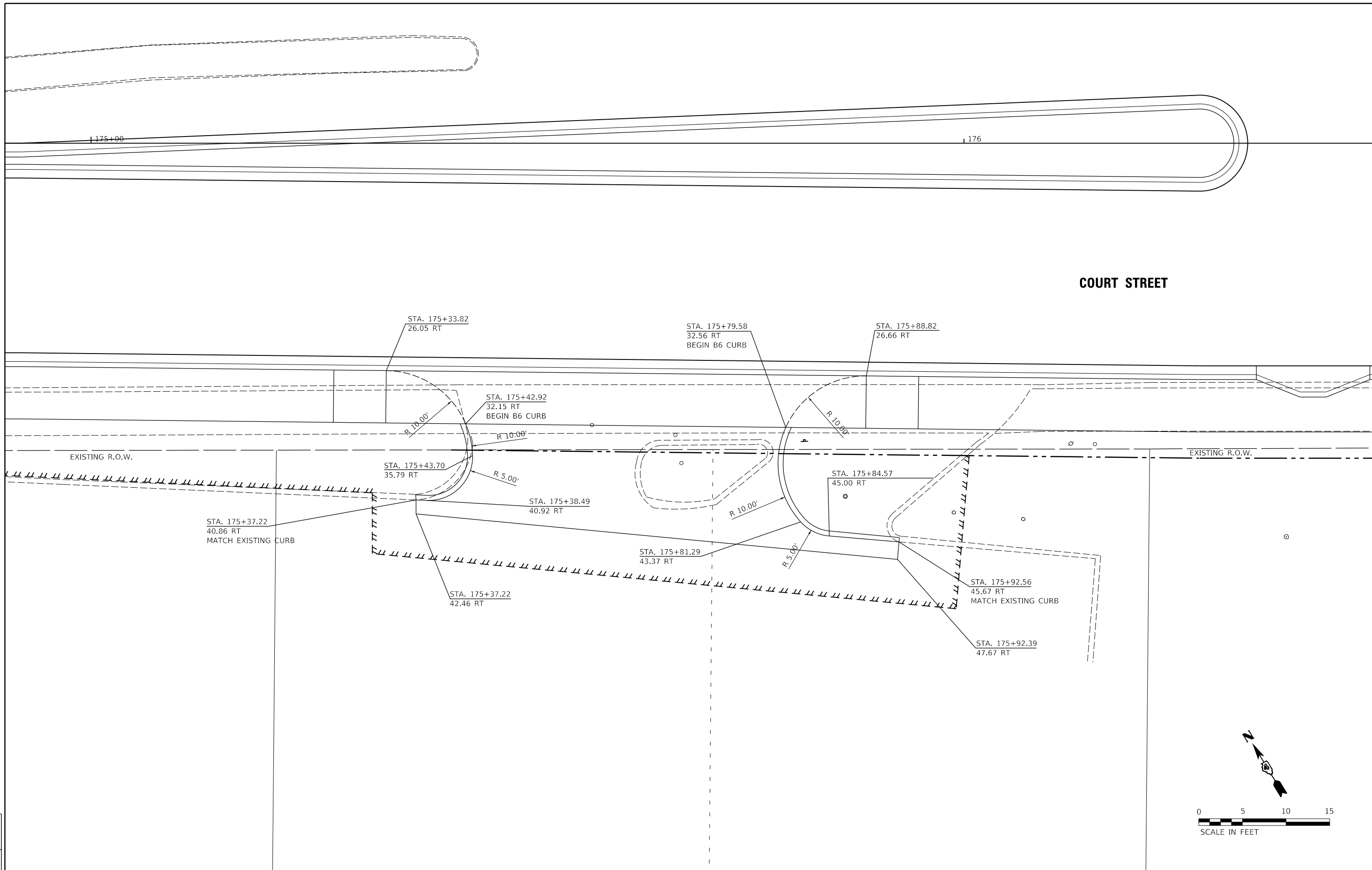
LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -
		PLOT SCALE = 10.00' / in.	
		PLOT DATE = 2/3/2023	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

2106 COURT STREET WEST ENTRANCE DETAIL	
SCALE: 1"=5'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	180
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

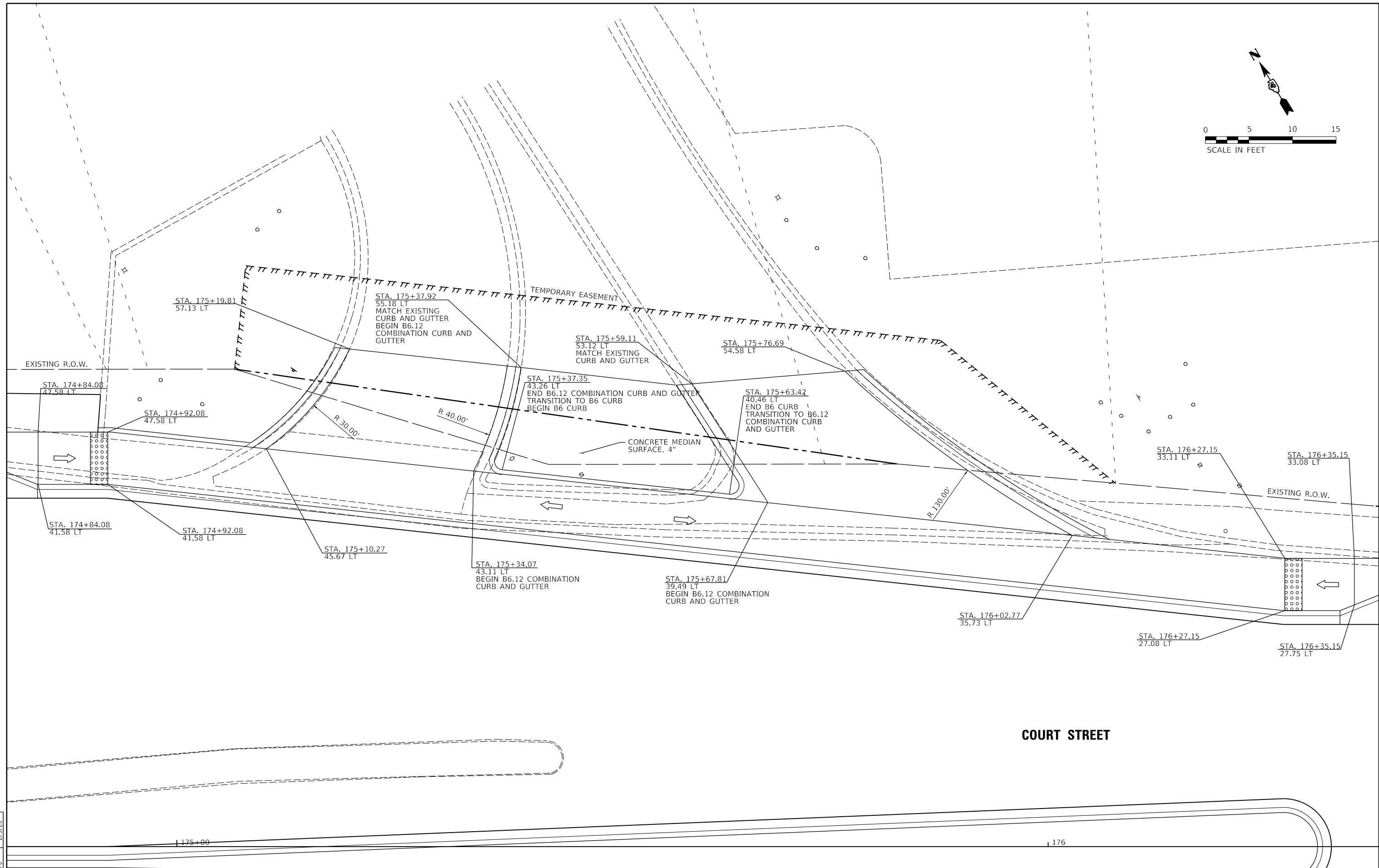
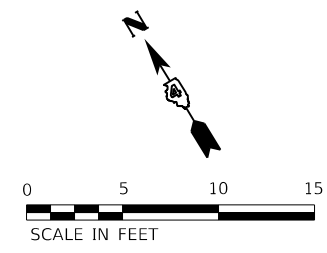
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**2106 COURT STREET
 EAST ENTRANCE DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	181
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



COURT STREET

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

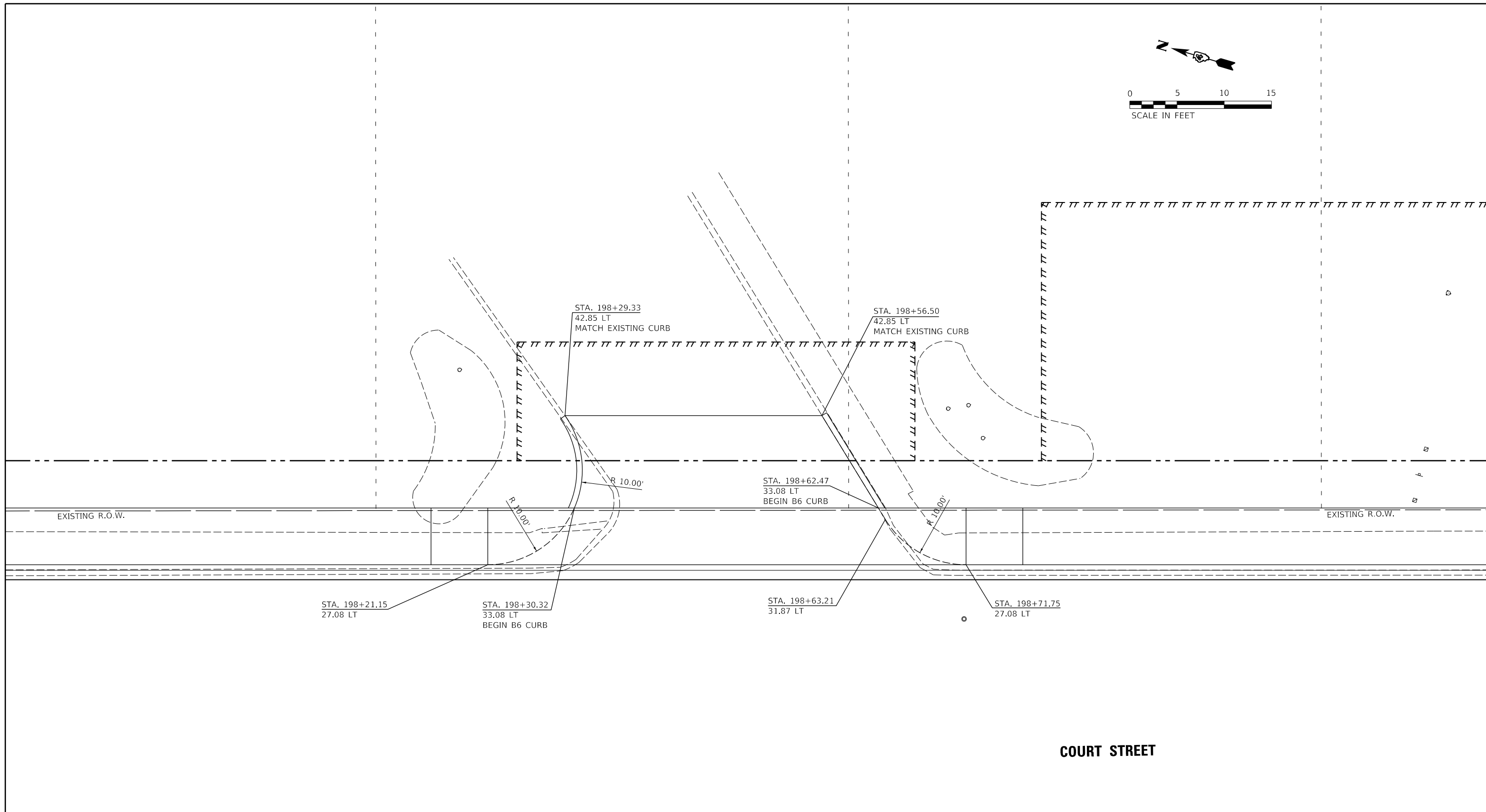
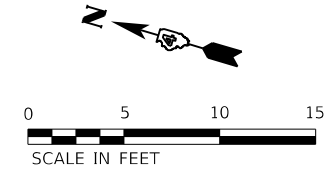
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**2111 COURT STREET
 ENTRANCE DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	182
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



COURT STREET

198

199

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

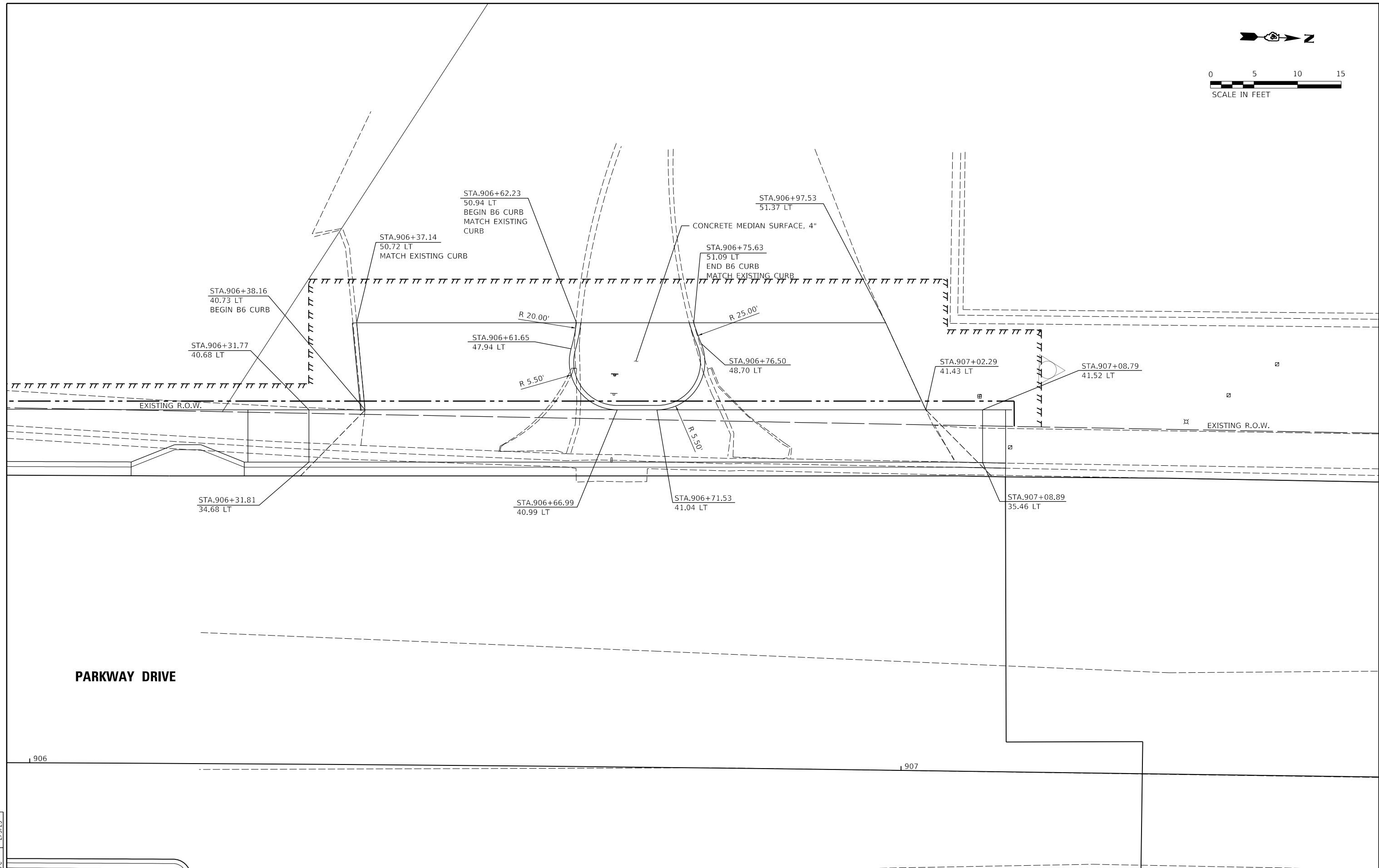
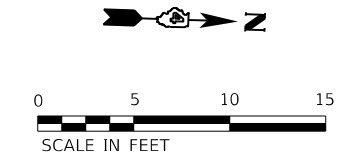
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -
		PLOT SCALE = 10.00' / in.	
		PLOT DATE = 2/3/2023	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**2505 COURT STREET
 ENTRANCE DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	183
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				



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PARKWAY DRIVE

LAYOUT	CJG	2/3/23
DRAWN	RLA	2/3/23
REVIEWED	JFC	2/3/23

FILE NAME =	USER NAME = andr00846	DESIGNED - CJG	REVISED -
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Default		CHECKED - JFC	REVISED -
		DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

523 PARKWAY DRIVE
ENTRANCE DETAIL

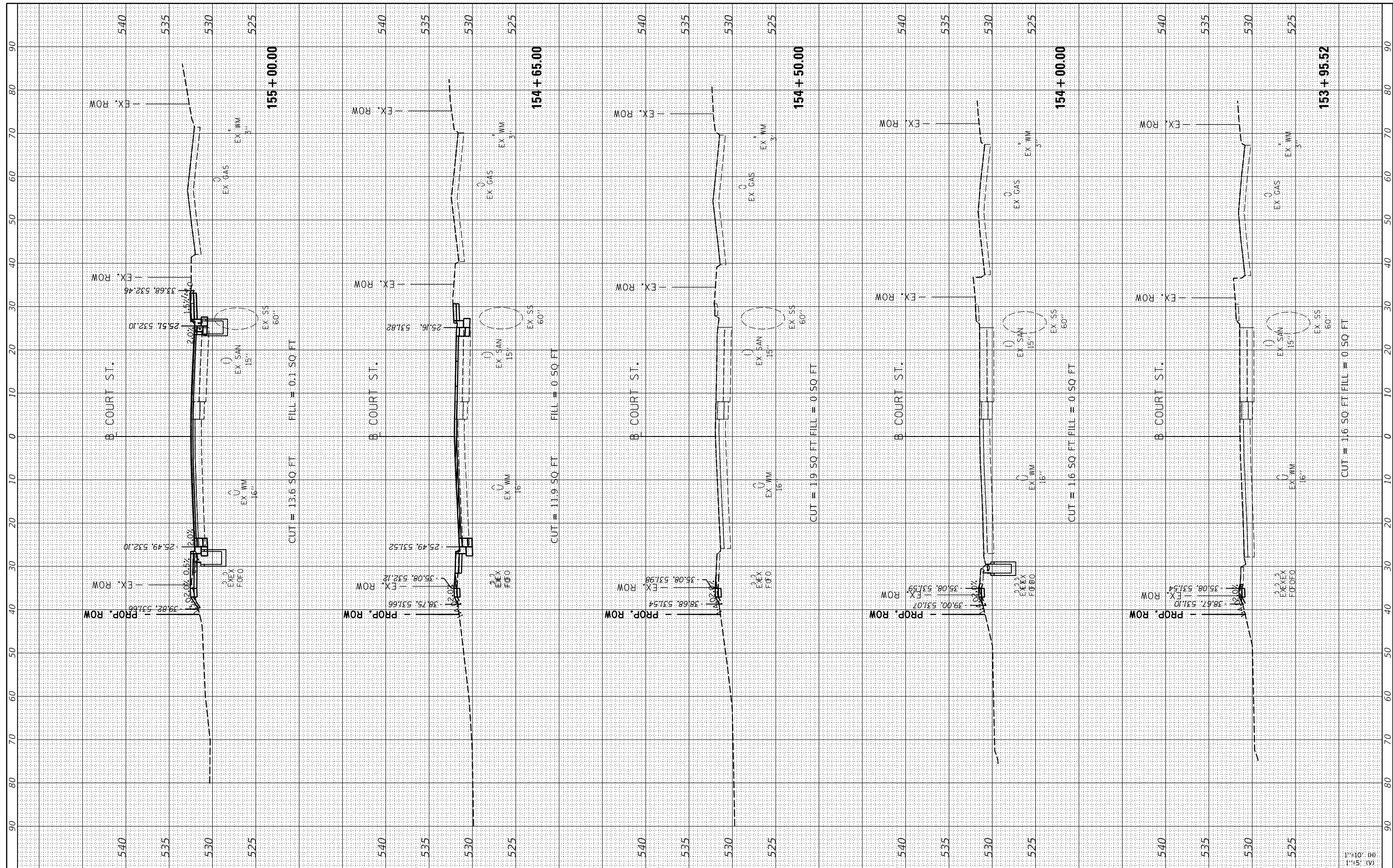
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	184
CONTRACT NO. 89804				
ILLINOIS FED. AID PROJECT				

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



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



FILE NAME = I:\13\jobs\1310177A\CAD\Road\Sheet\Plan-Set 1\sh-Xsec-Court01.dgn
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 PLOT SCALE = 20.00' / in.
 PLOT DATE = 2/3/2023

DESIGNED -	CJG	REVISED -	
DRAWN -	RLA	REVISED -	
CHECKED -	JFC	REVISED -	
DATE -	2/3/2023	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
CROSS SECTIONS**

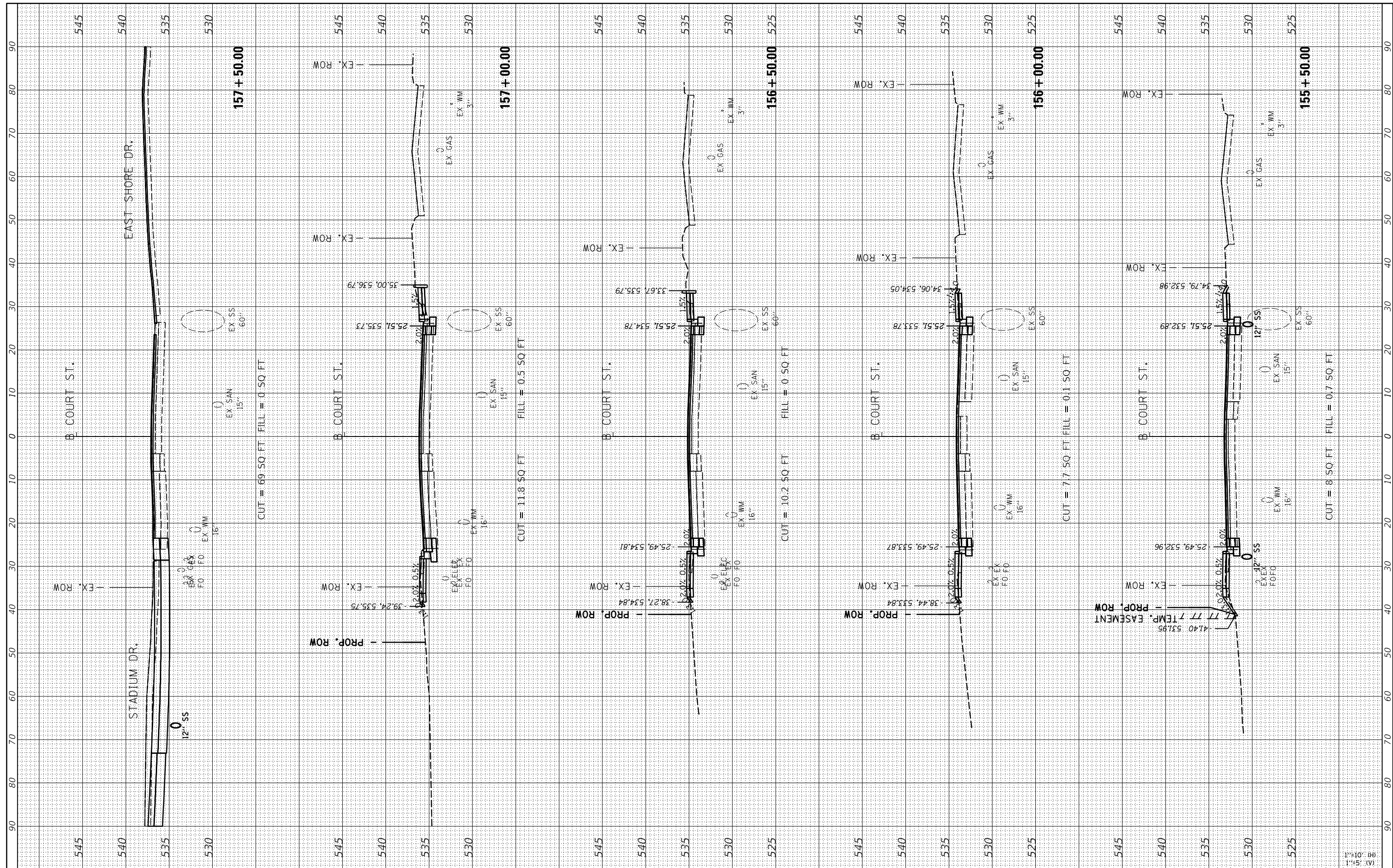
SCALE: 1"=10'
SHEET OF SHEETS STA. 153+95.52 TO STA. 155+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	185
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 USER NAME = andr00846
 PLOT SCALE = 20.00' / 1" / in.
 PLOT DATE = 2/3/2023

DESIGNED -	CJG	REVISED -	
DRAWN -	RLA	REVISED -	
CHECKED -	JFC	REVISED -	
DATE -	2/3/2023	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
CROSS SECTIONS**

SCALE: 1"=10' SHEET OF SHEETS STA. 155+50.00 TO STA. 157+50.00

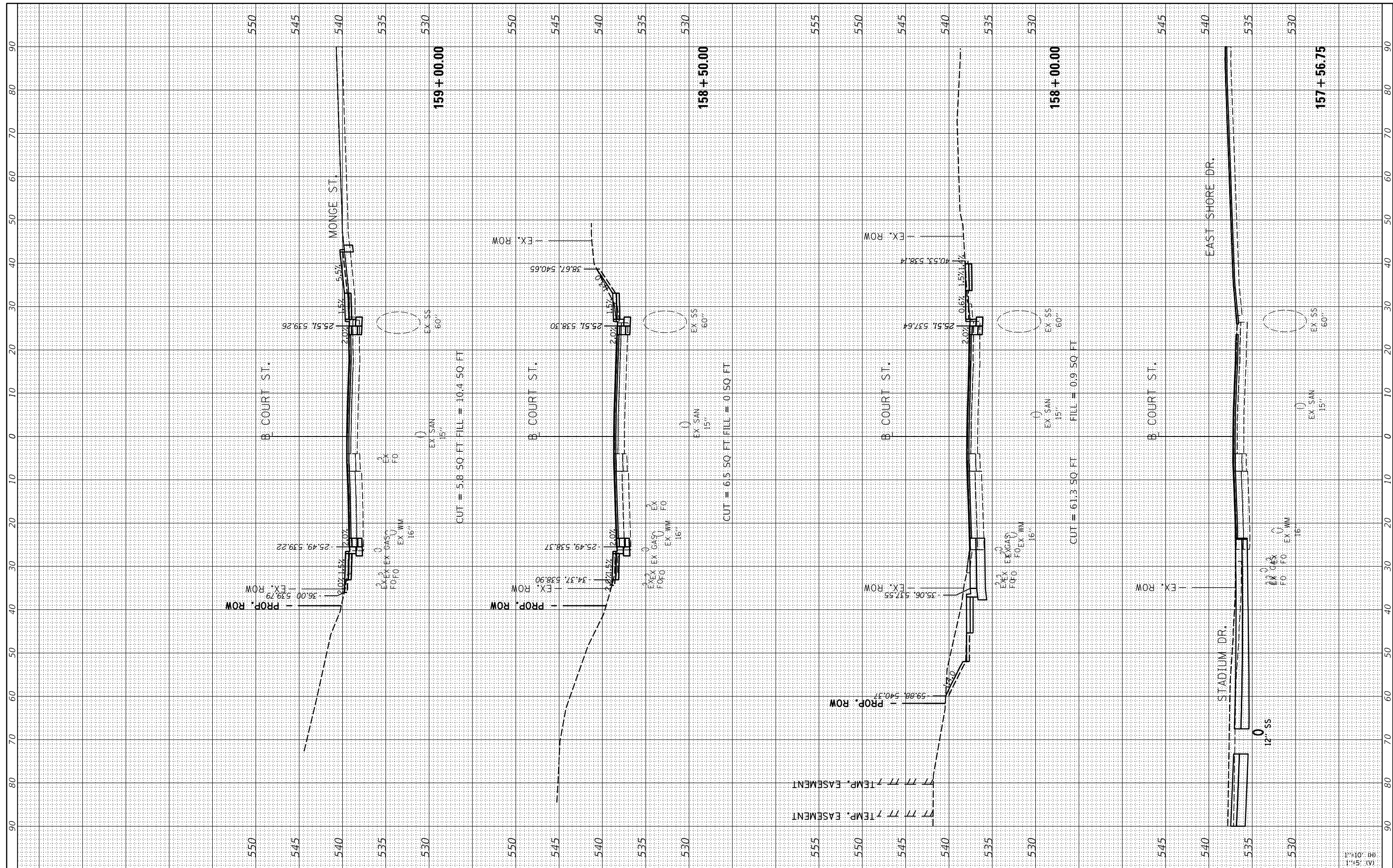
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	186
ILLINOIS FED. AID PROJECT			CONTRACT NO.89804	

1"=10' (H)
1"=5' (V)

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 USER NAME = andr00846
 PLOT SCALE = 20.00' / 1" / 1" / 1"
 PLOT DATE = 2/3/2023

DESIGNED -	CJG	REVISED -	
DRAWN -	RLA	REVISED -	
CHECKED -	JFC	REVISED -	
DATE -	2/3/2023	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
CROSS SECTIONS**

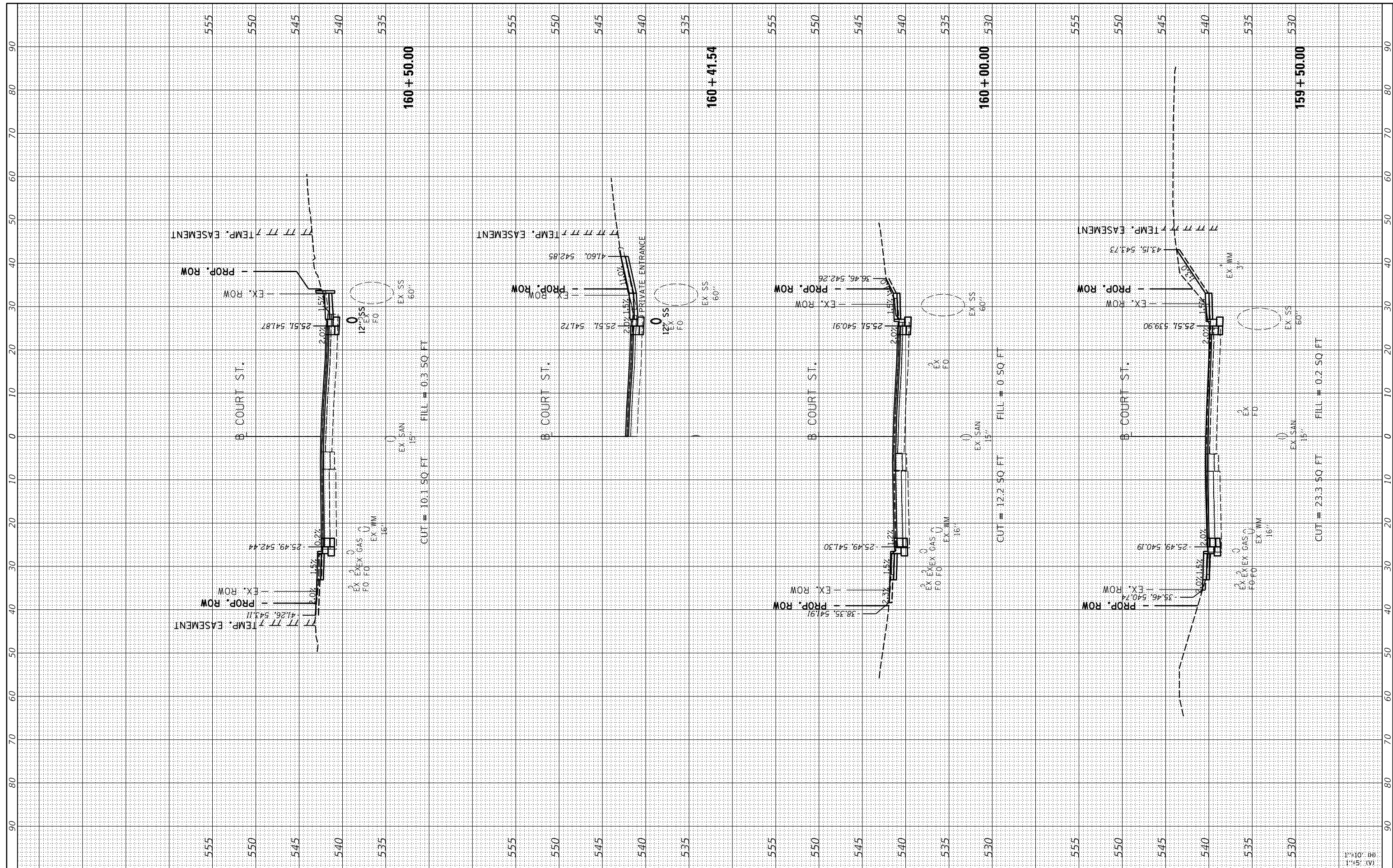
SCALE: 1"=10' SHEET OF SHEETS STA. 157+56.75 TO STA. 159+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	187
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = I:\13jobs\13L0177A\CAD\Road\Sheet\Plan-Set 1\sh-Xsec-Court01.dgn
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 2/3/2023

USER NAME = andr00846
 DESIGNED - CJG
 DRAWN - RLA
 CHECKED - JFC
 DATE - 2/3/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

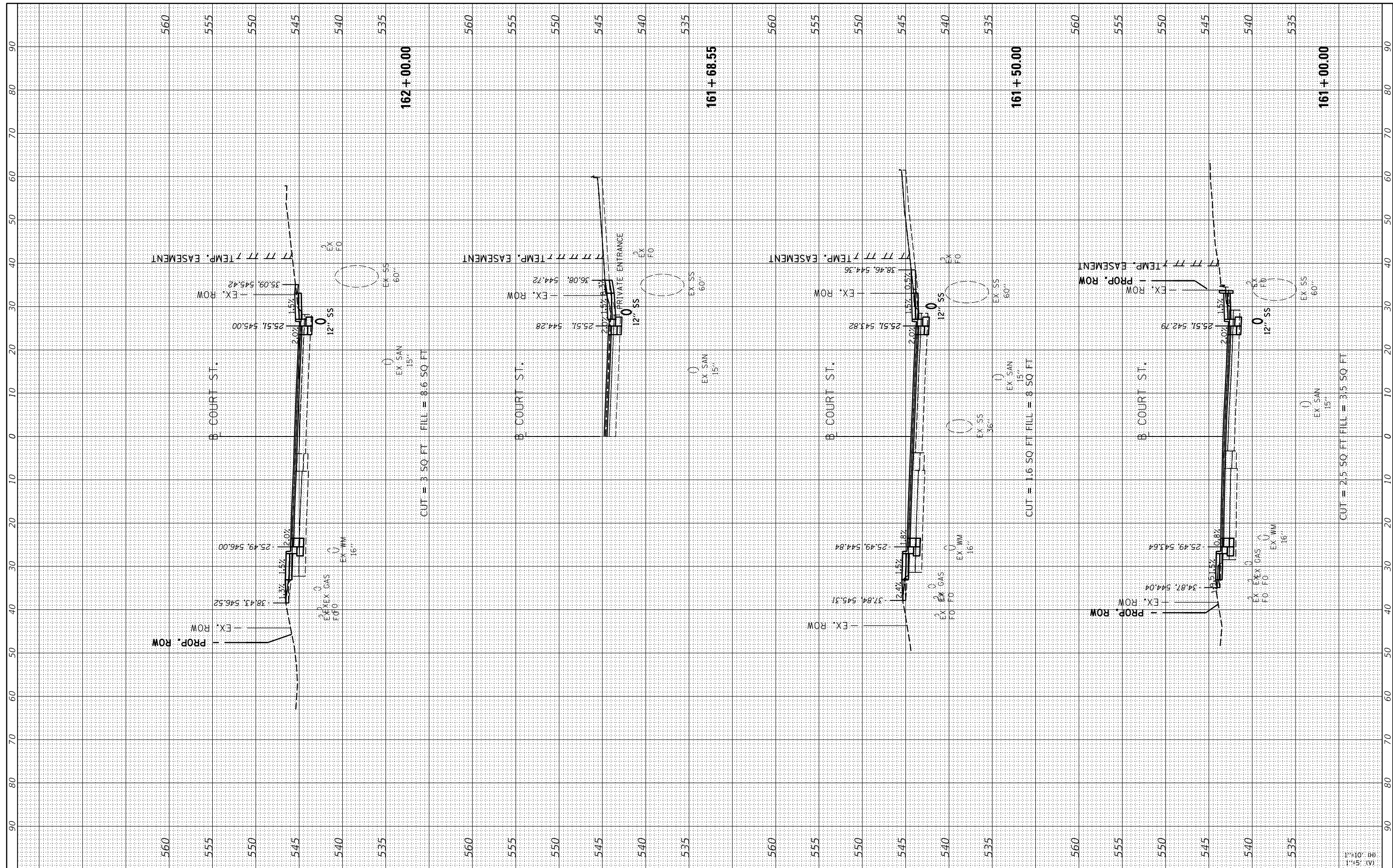
**COURT STREET
 CROSS SECTIONS**
 SCALE: 1"=10'
 SHEET OF SHEETS STA. 159+50.00 TO STA. 160+50.00

F.A.P. RTE. 693	SECTION 20-00196-00-R5	COUNTY TAZEWELL	TOTAL SHEETS 254	SHEET NO. 188
CONTRACT NO. 89804			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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USER NAME = andr00846	DESIGNED - CJG	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - RLA	REVISED -
PLOT DATE = 2/3/2023	CHECKED - JFC	REVISED -
	DATE - 2/3/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
CROSS SECTIONS**

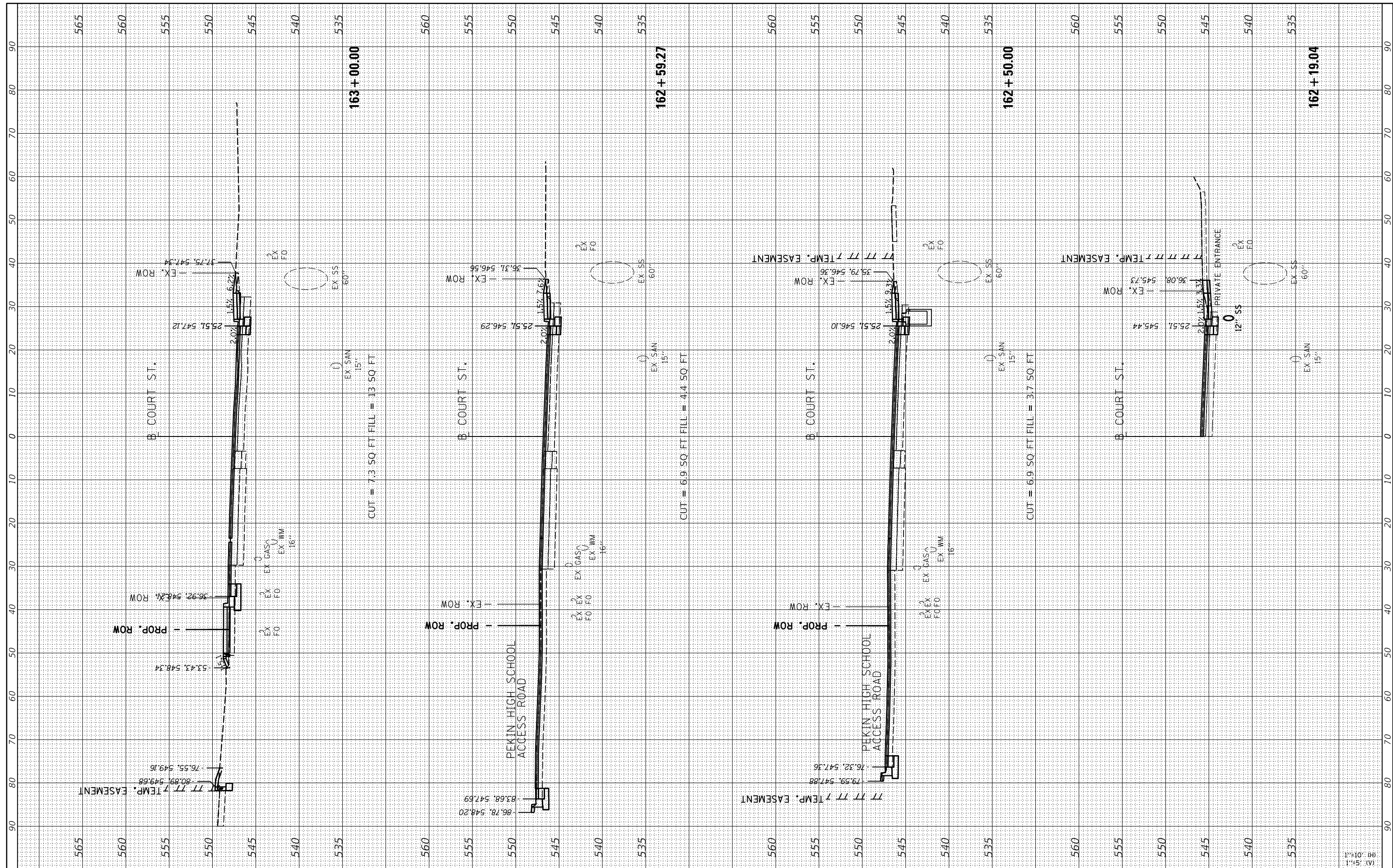
SCALE: 1"=10'
SHEET OF SHEETS STA. 161+00.00 TO STA. 162+00.00

F.A.P. RTE. 693	SECTION 20-00196-00-R5	COUNTY TAZEWELL	TOTAL SHEETS 254	SHEET NO. 189
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = I:\13\jobs\13\0177A\CAD\Road\Sheet\Plan-Set 1\sh-Xsec-Court01.dgn
 USER NAME = andr00846
 PLOT SCALE = 20.00' / 1" = 200.00'
 PLOT DATE = 2/3/2023

DESIGNED	-	CJG
DRAWN	-	RLA
CHECKED	-	JFC
DATE	-	2/3/2023

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 CROSS SECTIONS**

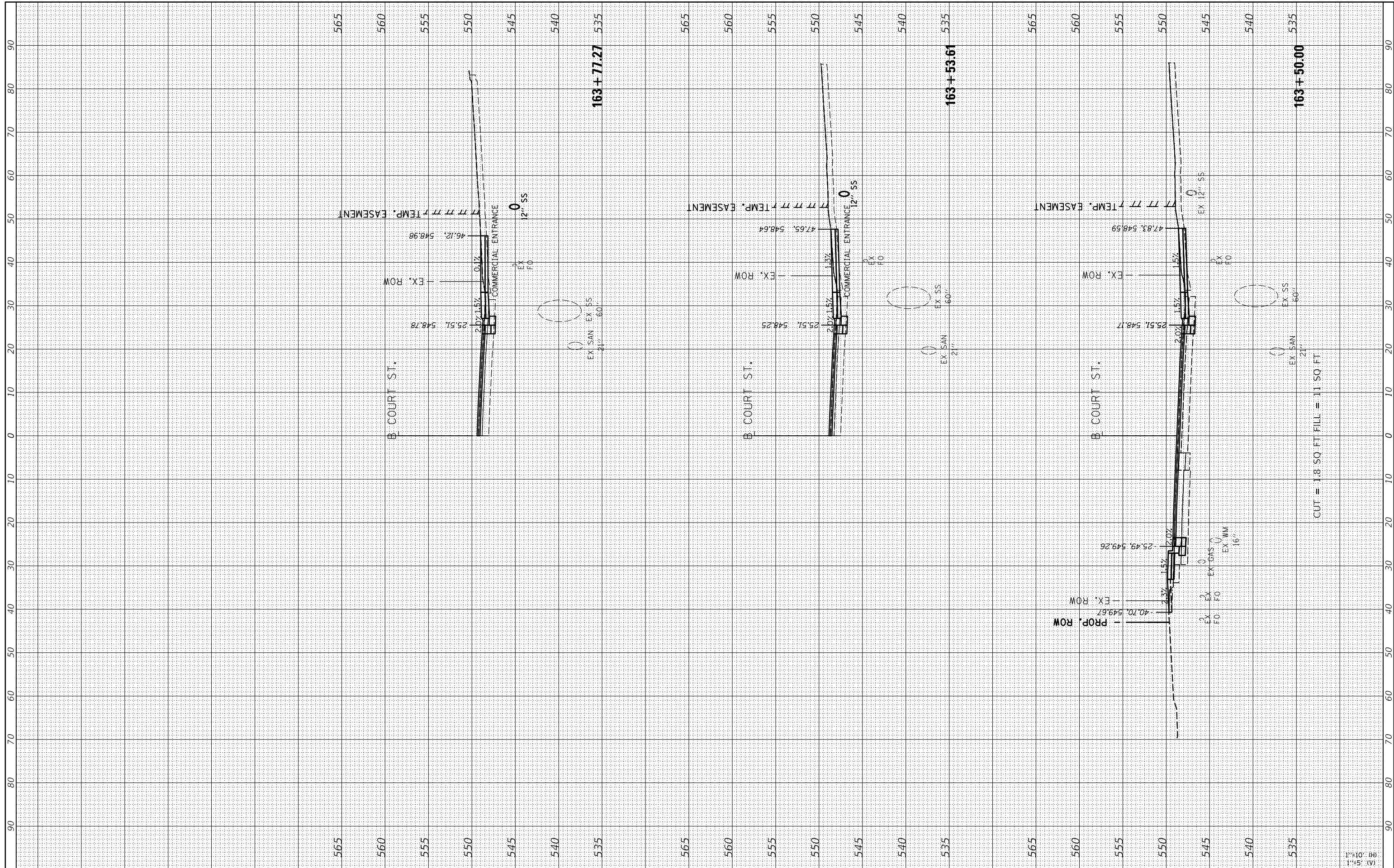
SCALE: 1"=10'
 SHEET OF SHEETS STA. 162+19.04 TO STA. 163+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	190
CONTRACT NO.89804				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = I:\13jobs\13L0177A\CAD\Road\Sheet\Plan-Set 1\sh-Xsec-Court01.dgn
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 PLOT SCALE = 20.00' / in.
 PLOT DATE = 2/3/2023

DESIGNED - CJG
 DRAWN - RLA
 CHECKED - JFC
 DATE - 2/3/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COURT STREET
 CROSS SECTIONS

SCALE: 1"=10'
 SHEET OF SHEETS STA. 163+50.00 TO STA. 163+77.27

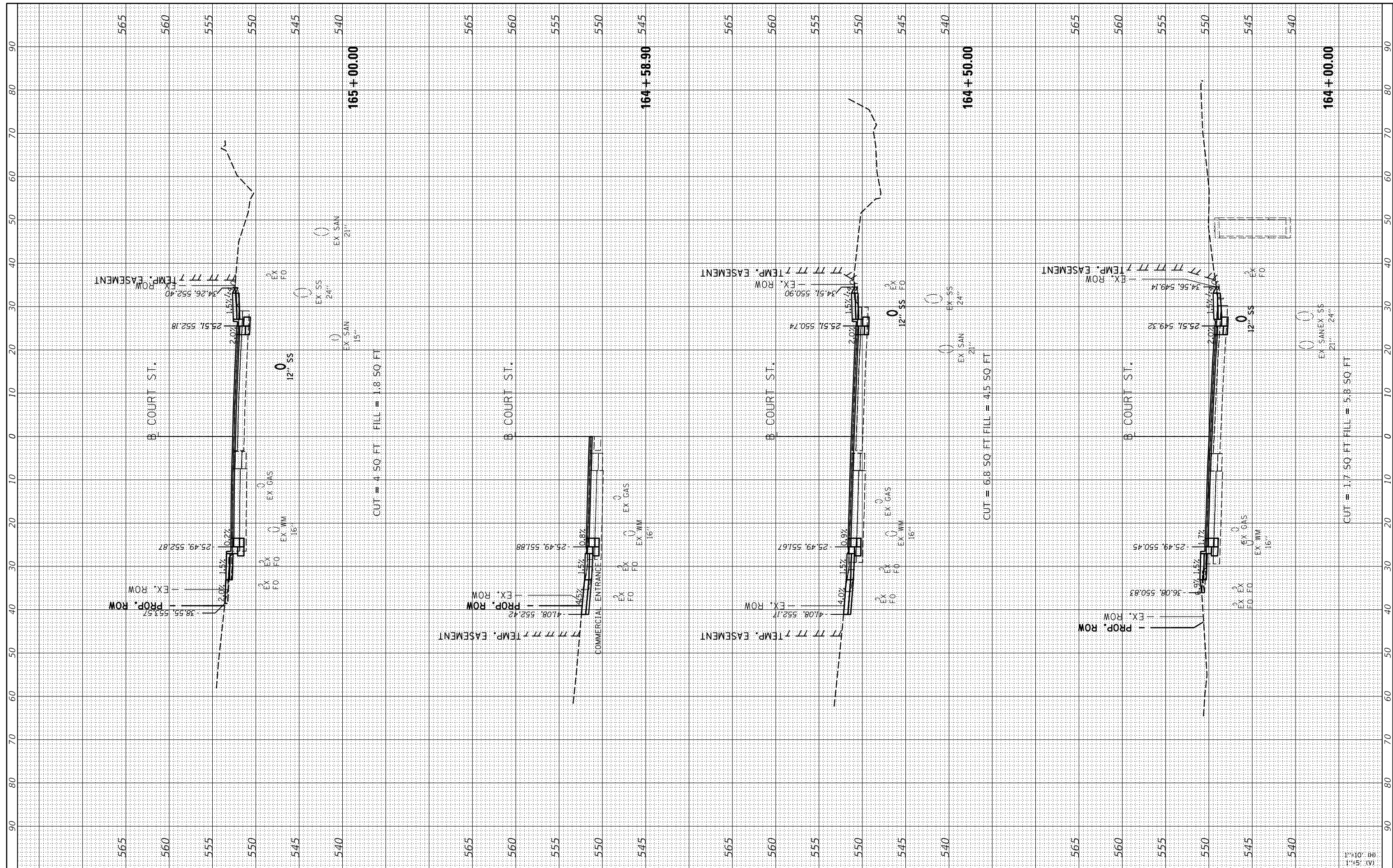
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	191
ILLINOIS FED. AID PROJECT			CONTRACT NO.89804	

1"=10' (H)
 1"=5' (V)

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = I:\13\jobs\13\0177A\CAD\Road\Sheet\Plan-Set 1\sh-Xsec-Court01.dgn
 USER NAME = andr00846
 PLOT SCALE = 20.00' / 1" / in.
 PLOT DATE = 2/3/2023

DESIGNED	-	CJG	REVISED	-
DRAWN	-	RLA	REVISED	-
CHECKED	-	JFC	REVISED	-
DATE	-	2/3/2023	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET
CROSS SECTIONS

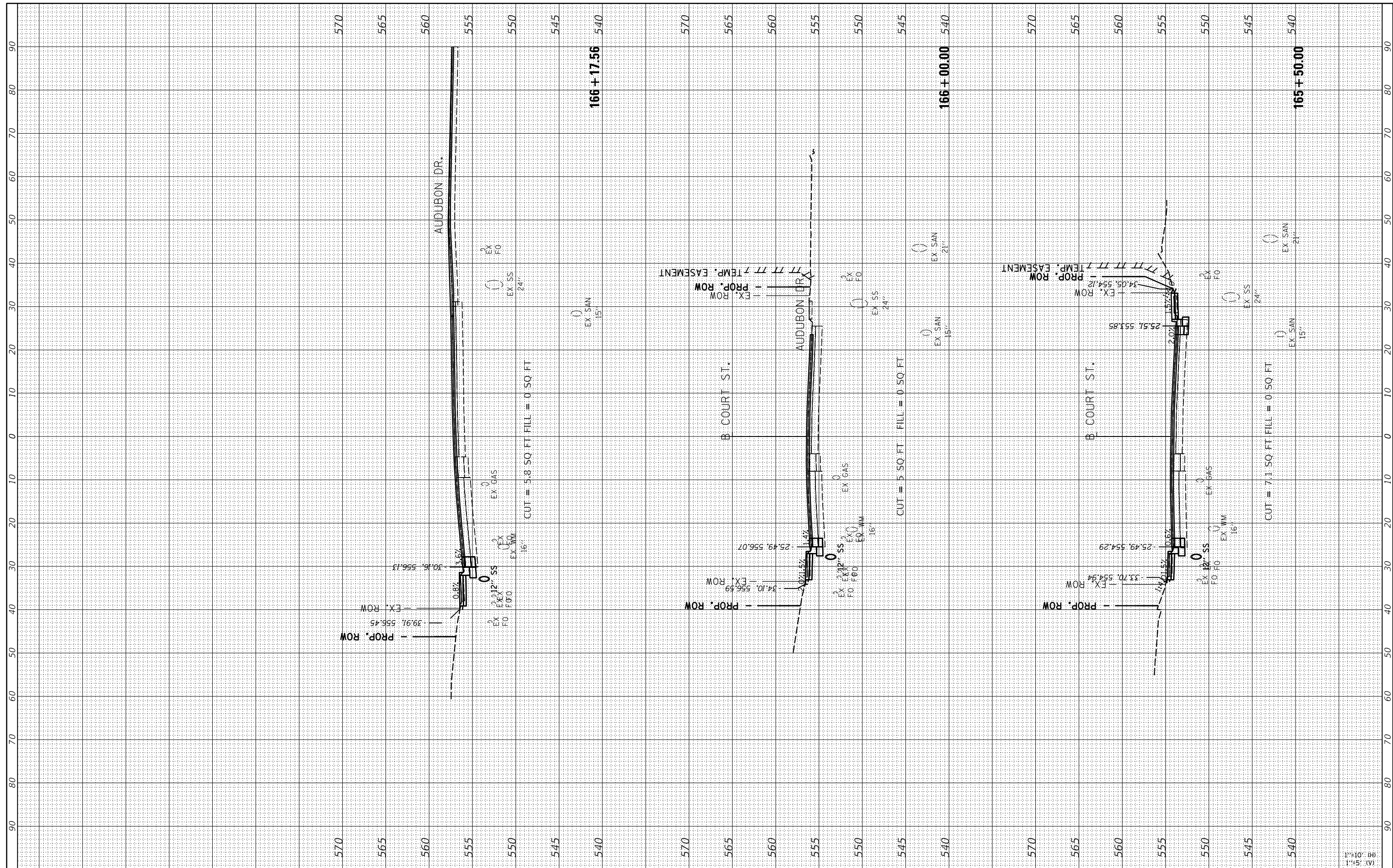
SCALE: 1"=10'
 SHEET OF SHEETS STA. 164+00.00 TO STA. 165+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	192
ILLINOIS FED. AID PROJECT			CONTRACT NO.89804	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = I:\13\jobs\13\0177A\CAD\Road\Sheet\Plan-Set 1\sh-Xsec-Court01.dgn
 USER NAME = andr00846
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 2/3/2023

DESIGNED -	CJG	REVISED -	
DRAWN -	RLA	REVISED -	
CHECKED -	JFC	REVISED -	
DATE -	2/3/2023	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
CROSS SECTIONS**

SCALE: 1"=10'
 SHEET OF SHEETS STA. 165+50.00 TO STA. 166+17.56

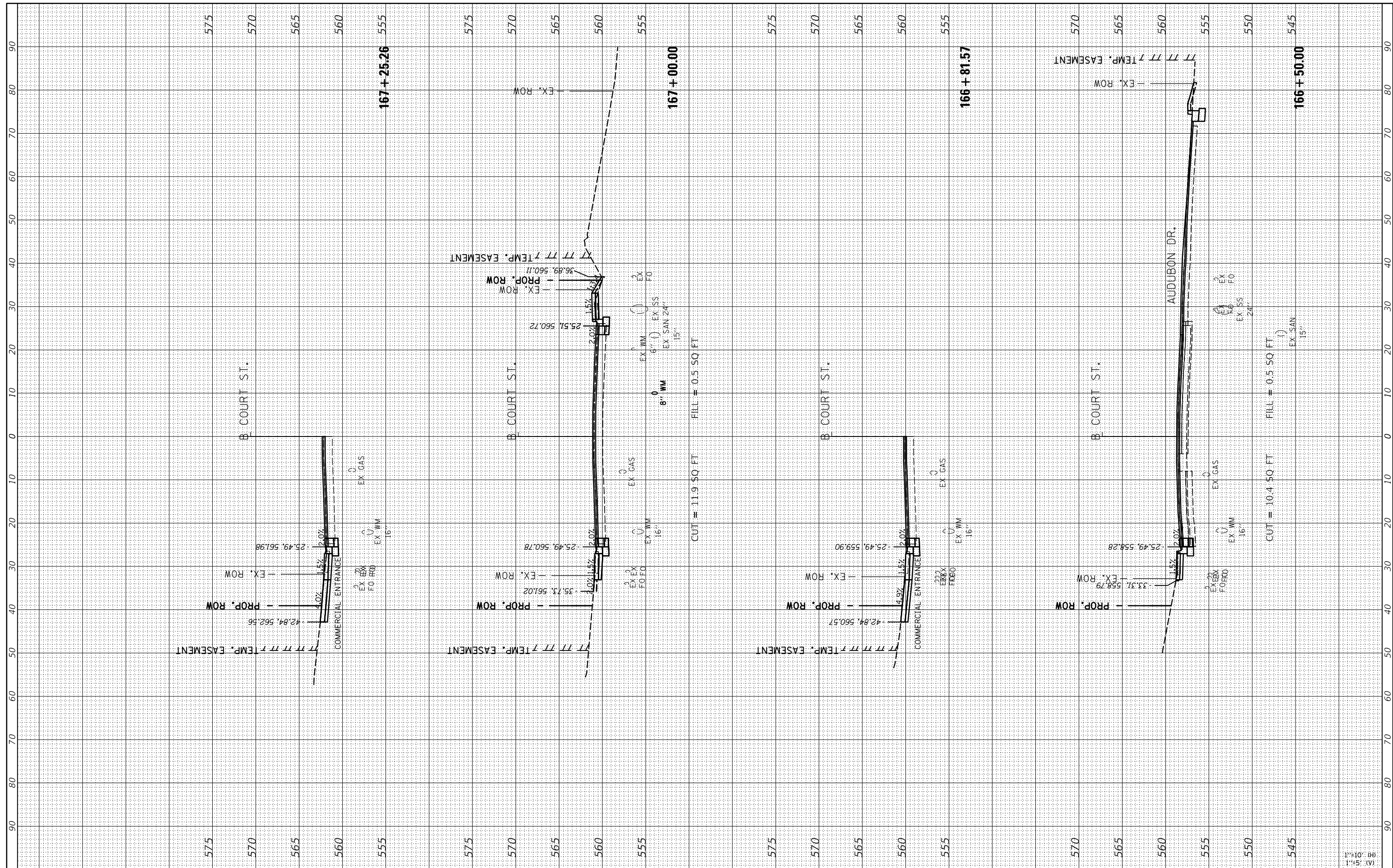
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	193
ILLINOIS FED. AID PROJECT			CONTRACT NO.89804	

1"=10' (H)
1"=5' (V)

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = I:\13\jobs\13L0177A\CAD\Road\Sheet\Plan-Set 1\sh-Xsec-Court01.dgn
 USER NAME = andr00846
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 2/3/2023

DESIGNED -	CJG
DRAWN -	RLA
CHECKED -	JFC
DATE -	2/3/2023

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'
 SHEET OF SHEETS STA. 166+50.00 TO STA. 167+25.26

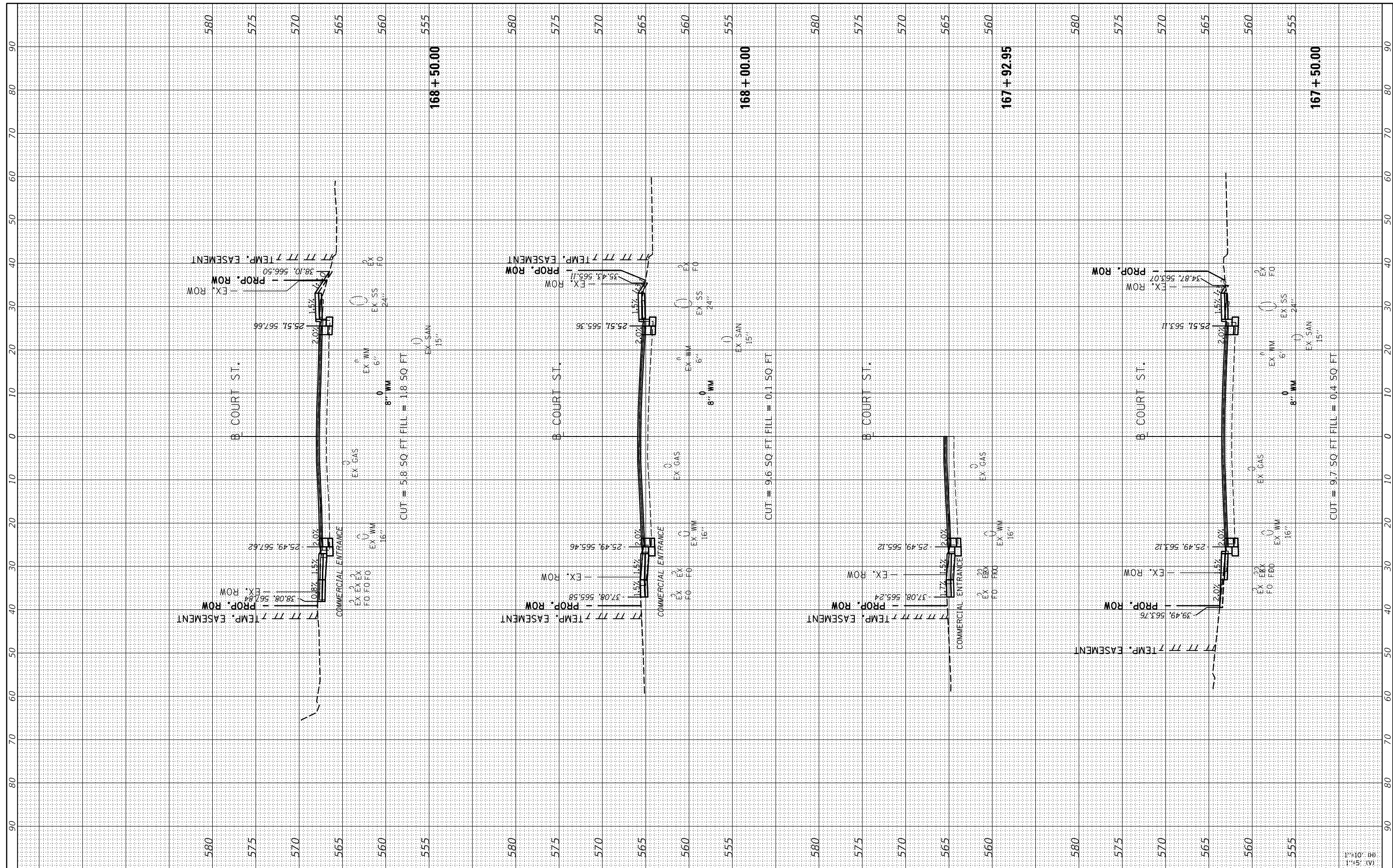
**COURT STREET
CROSS SECTIONS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	194
ILLINOIS FED. AID PROJECT			CONTRACT NO.89804	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 PLOT DATE = 2/3/2023

USER NAME = andr00846	DESIGNED - CJG	REVISED -
DRAWN - RLA	REVISIONS -	
CHECKED - JFC	REVISIONS -	
DATE - 2/3/2023	REVISIONS -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
CROSS SECTIONS**

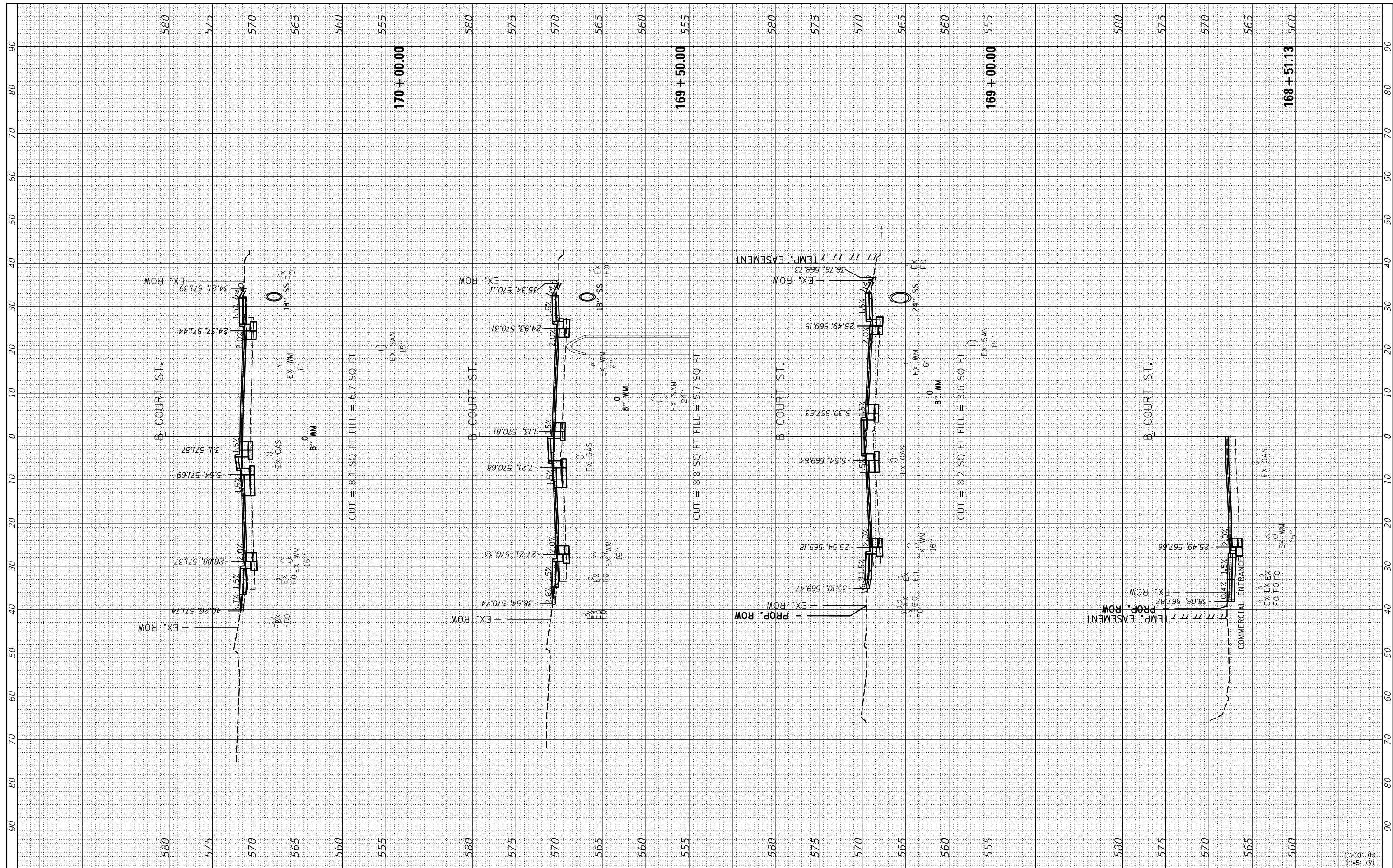
SCALE: 1"=10'
SHEET OF SHEETS STA. 167+50.00 TO STA. 168+50.00

F.A.P. RTE. 693	SECTION 20-00196-00-R5	COUNTY TAZEWELL	TOTAL SHEETS 254	SHEET NO. 195
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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PLOT DATE = 2/3/2023	CHECKED - JFC	REVISED -
	DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS	DESIGNED - CJG	REVISED -
DEPARTMENT OF TRANSPORTATION	DRAWN - RLA	REVISED -
	CHECKED - JFC	REVISED -
	DATE - 2/3/2023	REVISED -

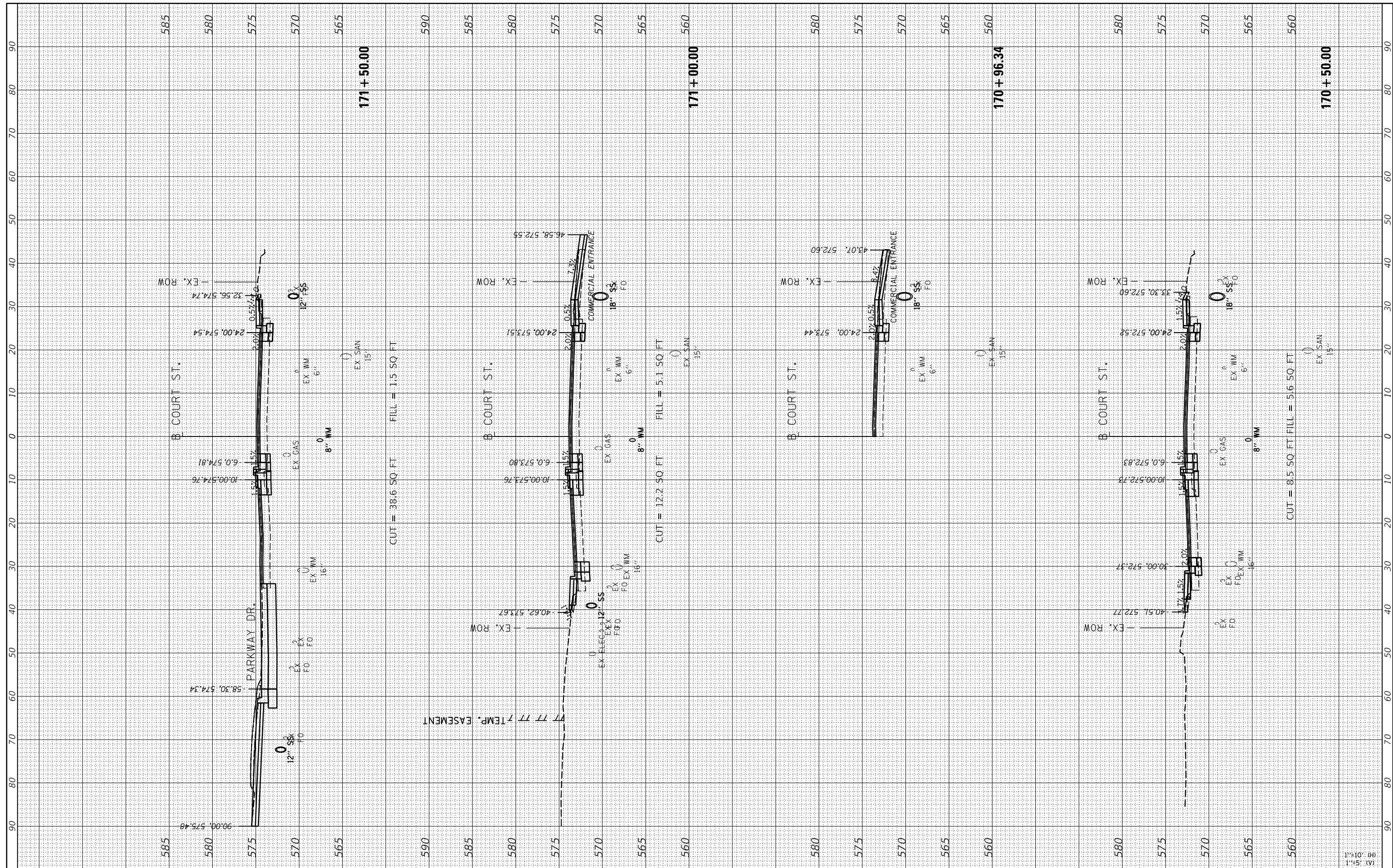
COURT STREET CROSS SECTIONS	
SCALE: 1"=10'	SHEET OF SHEETS
STA. 168+51.13 TO STA. 170+00.00	

F.A.P. RTE. 693	SECTION 20-00196-00-R5	COUNTY TAZEWELL	TOTAL SHEETS 254	SHEET NO. 196
ILLINOIS FED. AID PROJECT			CONTRACT NO.89804	

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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 PLOT SCALE = 20.00' / in.
 PLOT DATE = 2/3/2023

DESIGNED	-	CJG	REVISED	-
DRAWN	-	RLA	REVISED	-
CHECKED	-	JFC	REVISED	-
DATE	-	2/3/2023	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
CROSS SECTIONS**

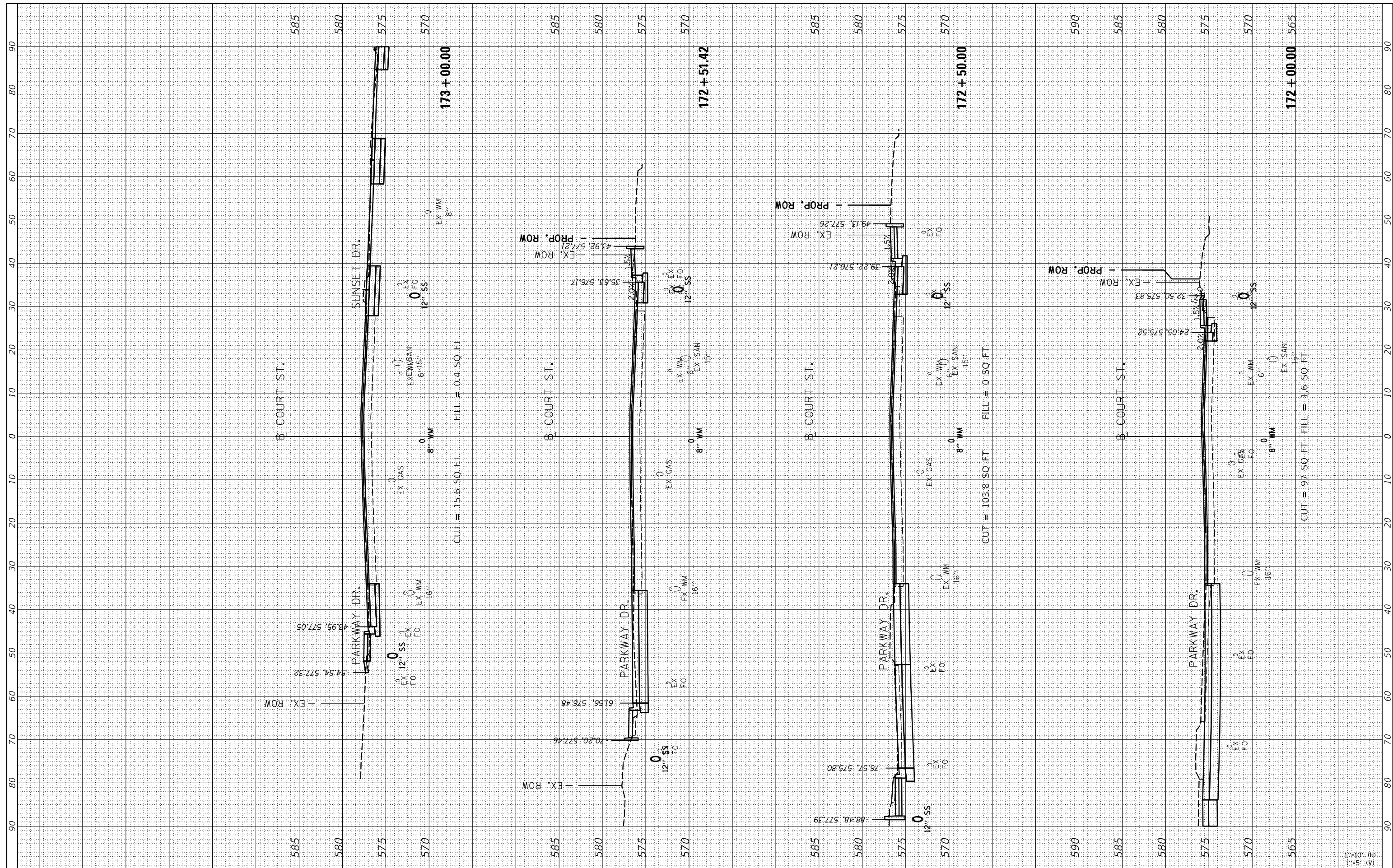
SCALE: 1"=10'
 SHEET OF SHEETS STA. 170+50.00 TO STA. 171+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	197
ILLINOIS FED. AID PROJECT			CONTRACT NO.89804	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 USER NAME = andr00846
 PLOT SCALE = 20.00' / 1" / in.
 PLOT DATE = 2/3/2023

DESIGNED -	CJG	REVISED -	
DRAWN -	RLA	REVISED -	
CHECKED -	JFC	REVISED -	
DATE -	2/3/2023	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
CROSS SECTIONS**

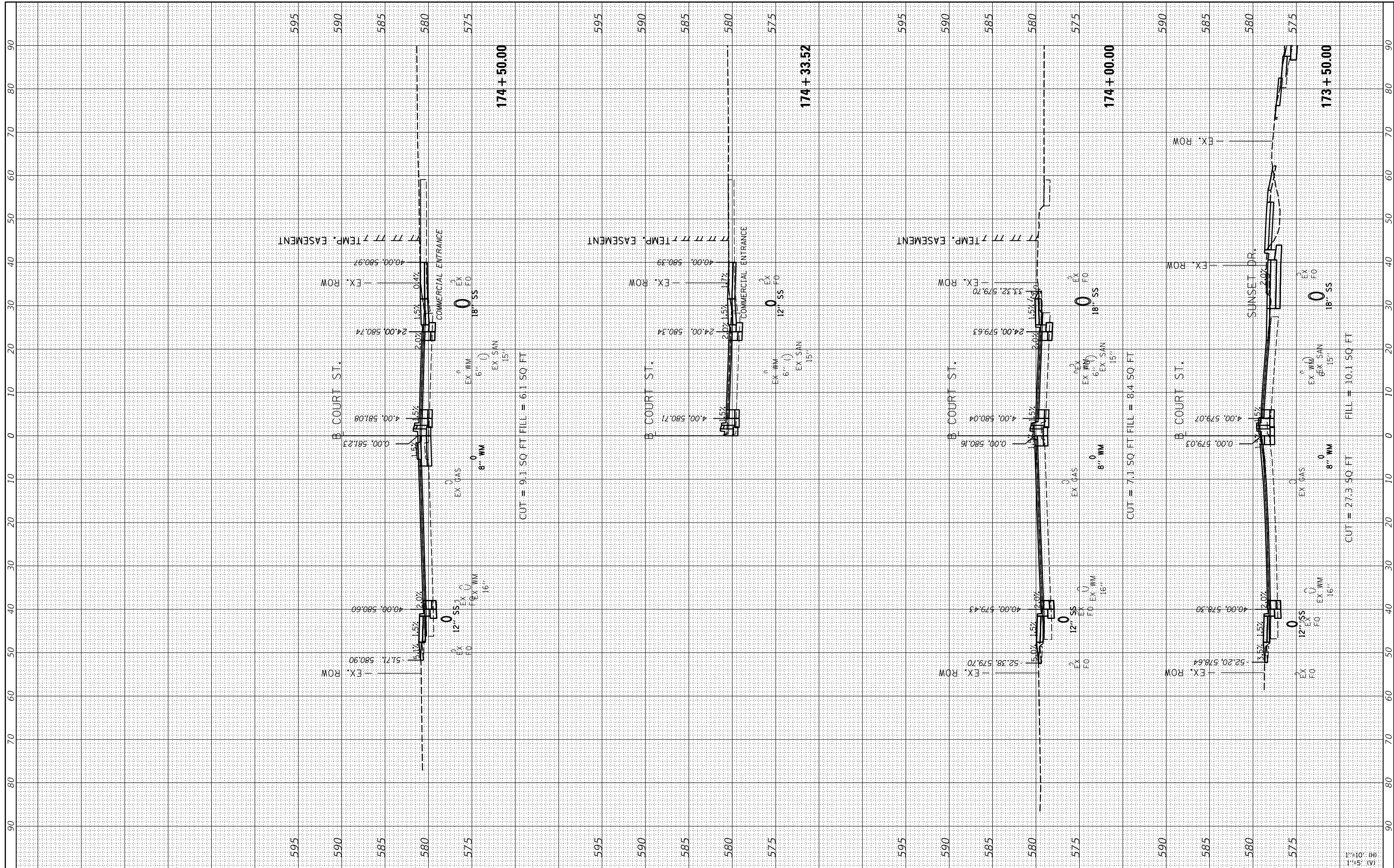
SCALE: 1"=10' SHEET OF SHEETS STA. 172+00.00 TO STA. 173+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	198
CONTRACT NO.89804			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 PLOT SCALE = 20.00' / 1" / 1" / 1"
 PLOT DATE = 2/3/2023

DESIGNED -	CJG	REVISED -	
DRAWN -	RLA	REVISED -	
CHECKED -	JFC	REVISED -	
DATE -	2/3/2023	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COURT STREET
CROSS SECTIONS**

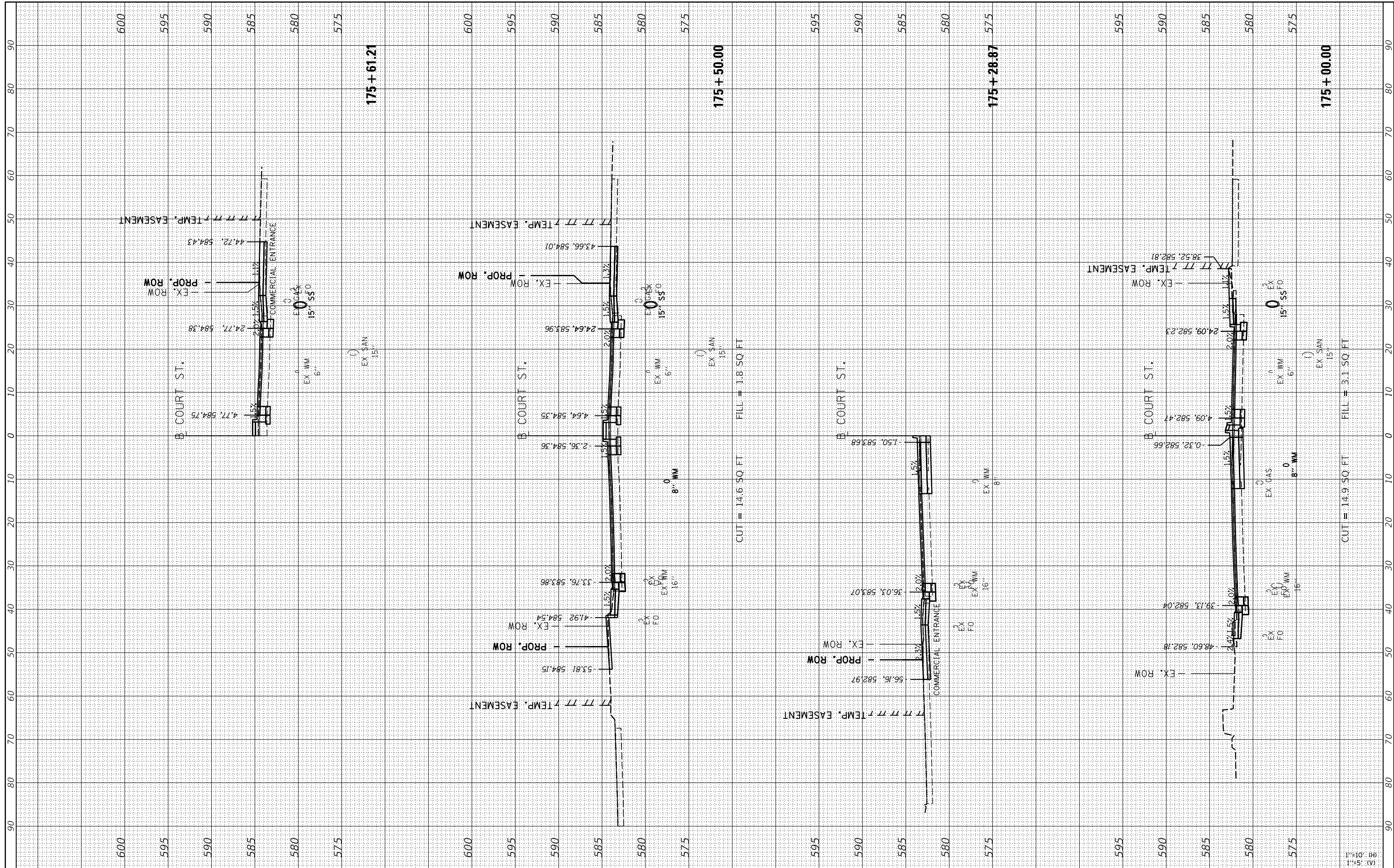
SCALE: 1"=10'
 SHEET OF SHEETS STA. 173+50.00 TO STA. 174+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	20-00196-00-R5	TAZEWELL	254	199
CONTRACT NO.89804				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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USER NAME = andr00846	DESIGNED - CJG	REVISED -
PLOT SCALE = 20.00' / 1"	DRAWN - RLA	REVISED -
PLOT DATE = 2/3/2023	CHECKED - JFC	REVISED -
	DATE - 2/3/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COURT STREET
CROSS SECTIONS

SCALE: 1"=10'
 SHEET OF SHEETS STA. 175+00.00 TO STA. 175+61.21

F.A.P. RTE. 693	SECTION 20-00196-00-R5	COUNTY TAZEWELL	TOTAL SHEETS 254	SHEET NO. 200
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89804	