

GENERAL NOTES CONTINUED...

- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE MINIMUM GUTTER FLAG DEPTH OF THE NEW GUTTER WILL BE TEN INCHES (10") REGARDLESS OF THE SIZE AND TYPE OF THE EXISTING CURB AND GUTTER.
- CONCRETE CURB AND GUTTER SHALL BE DEPRESSED AT EACH DRIVEWAY ENTRANCE. THE V-SHAPE OF THE GUTTER WILL BE MAINTAINED THROUGH THE DRIVEWAY, BUT THE BACK OF GUTTER SHALL BE LOWERED TO MATCH THE GUTTER FLAG ELEVATION.
- ALL REINFORCING BARS SHALL BE EPOXY COATED.
- WHERE NEW CURB AND GUTTER MEETS EXISTING CURB AND GUTTER TO REMAIN, THE GUTTERS SHALL BE CONNECTED WITH TWO 5/8" DIAMETER REINFORCING BARS, TWELVE INCHES (12") LONG. HOLES 5/8" IN DIAMETER SHALL BE DRILLED SIX INCHES (6") INTO THE EXISTING CONCRETE CURB AND GUTTER PRIOR TO DRIVING REINFORCING BARS INTO PLACE.
- CONSTRUCTION JOINTS SHALL BE SAWCUT EVERY FIFTEEN FEET (15) MAXIMUM, TO A DEPTH OF A HALF INCH.
- TWO (2) #5 REINFORCEMENT BARS SHALL BE PROVIDED IN THE CONCRETE GUTTER CENTERED ABOVE UTILITY TRENCHES. CONSTRUCTION JOINTS WITH DOWEL BARS SHALL BE PROVIDED AT THE END OF A DAY'S POUR. EXPANSION JOINTS SHALL BE CONSTRUCTED AT INTERVALS NOT TO EXCEED SIXTY FEET (60'), AND AT POINTS OF TANGENCY TO RADII, OR AS DETERMINED BY THE ENGINEER AND SHALL CONSIST OF A MINIMUM OF ONE INCH (1") THICK PREFORMED EXPANSION JOINT FILLER CONFORMING TO THE CROSS-SECTION OF THE CURB AND GUTTER AND SHALL BE PROVIDED WITH TWO (2) NO. 6 (#6) BY EIGHTEEN INCH (18") EPOXY COATED DOWEL BARS CONFORMING TO ARTICLE 1006.11(B) OF THE STANDARD SPECIFICATIONS. THE DOWEL BARS SHALL BE FITTED WITH A CAP HAVING A PINCHED STOP THAT WILL PROVIDE A MINIMUM OF ONE INCH (1") OF EXPANSION.
- VISUAL INSPECTION OF STRING LINE OR FORMS SHALL BE CONDUCTED PRIOR TO THE INSTALLATION OF ANY CONCRETE UPON TWENTY-FOUR (24) HOURS NOTICE FROM THE CONTRACTOR. THE CONTRACTOR WILL NOT BE PERMITTED TO COVER THE LAYER BEING REVIEWED UNTIL WRITTEN NOTICE HAS BEEN RECEIVED FROM THE ENGINEER. SEGMENTS OF CURB CONSTRUCTION MAY BE SEQUENCED APPROPRIATELY TO PERMIT CONTINUOUS CONSTRUCTION OPERATIONS.

PAVING

- LONGITUDINAL CONSTRUCTION JOINTS WILL NOT BE PERMITTED.
- TRANSVERSE CONSTRUCTION JOINTS WILL BE ALLOWED DURING PAVING PROVIDED THE CONTRACTOR COMPLETE A SAWCUT AT LEAST SIX INCHES INTO THE ADJACENT MAT AT THE START OF PAVING THE FOLLOWING DAY.
- CONSTRUCTION JOINTS THAT SIT OVERNIGHT WILL REQUIRE CRACK ROUTING AND SEALING UPON COMPLETION OF SURFACE COURSE CONSTRUCTION. JOINT SEALANT SHALL MEET THE REQUIREMENTS OF ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.

SIGNING

- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- ALL SIGNS TO BE REMOVED ALONG THE PROJECT SHALL REMAIN THE PROPERTY OF THE VILLAGE OF JOHNSBURG AND SHALL BE RETURNED TO THE VILLAGE UPON REMOVAL.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.

SEDIMENTATION AND EROSION CONTROL

- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
- SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR. DEVELOPMENT SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- STABILIZATION BY SEEDING SHALL INCLUDE TOPSOIL PLACEMENT AND FERTILIZATION, AS NECESSARY.
- NATIVE SEED MIXTURES SHALL INCLUDE RAPID-GROWING ANNUAL GRASSES OR SMALL GRAINS TO PROVIDE INITIAL, TEMPORARY SOIL STABILIZATION.
- OFFSITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO PREVENT EROSION.
- SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF TRIBUTARY AREAS.
- STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE, OR TEMPORARY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NO LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN THE AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS INSTANCES WHEN THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE AND IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE USED.
- DISTURBANCE OF STEEP SLOPES SHALL BE MINIMIZED. AREAS OR EMBANKMENTS HAVING SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH STAKING IN PLACE SOD, EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING, OR EQUIVALENT CONTROL MEASURE.

- PERIMETER CONTROL MEASURES SHALL BE PROVIDED DOWNSLOPE AND PERPENDICULAR TO THE FLOW OF RUNOFF FROM DISTURBED AREAS, WHERE THE TRIBUTARY AREA IS GREATER THAN 5,000 SQUARE FEET, AND WHERE RUNOFF WILL FLOW IN A SHEET FLOW MANNER. PERIMETER EROSION CONTROL SHALL ALSO BE PROVIDED AT THE BASE OF SOIL STOCKPILES.
- THE DRAINAGE SYSTEM SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION DOWNSLOPE FROM DISTURBED AREAS. INLET PROTECTION THAT REDUCES SEDIMENT LOADING, WHILE ALLOWING RUNOFF TO ENTER THE INLET SHALL BE REQUIRED FOR ALL STORM SEWER. CHECK DAMS, OR AN EQUIVALENT CONTROL MEASURE, SHALL BE REQUIRED FOR ALL CHANNELS. FILTER FABRIC INLET PROTECTION AND STRAW BALE DITCH CHECKS ARE NOT ACCEPTABLE CONTROL MEASURES.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURES). THE ENGINEER AND THE WILL COUNTY SOIL AND WATER CONSERVATION DISTRICT SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- STOCKPILED SOIL AND MATERIALS SHALL BE REMOVED FROM FLOOD HAZARD AREAS AT THE END OF EACH WORK DAY. SOIL AND MATERIALS STOCKPILED IN IWMC OR BUFFER AREAS SHALL BE PLACED ON TIMBER MATS, OR AN EQUIVALENT CONTROL MEASURE.
- EFFECTIVE CONTROL MEASURES SHALL BE UTILIZED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THE DEVELOPMENT SITE. AT A MINIMUM, CONTROL MEASURES SHALL BE IMPLEMENTED IN ORDER TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATER. MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, VEHICLE FLUIDS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE DEVELOPMENT SITE TO PRECIPITATION AND TO STORMWATER.
- ADEQUATE RECEPTACLES SHALL BE PROVIDED FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OR CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL OR IWMC. THE DEVELOPMENT SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.
- A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURES) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION-SITE OF A MAJOR DEVELOPMENT TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET ALLEY, OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE SCRAPED OR STREET CLEANED AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.
- DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS THE APPROVED ENGINEERING PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM.
- ALL ABANDONED DRAIN TILES SHALL BE REMOVED IN THEIR ENTIRETY WITHIN THE EXISTING ROW AND/OR EASEMENT.
- DRAIN TILES WITHIN THE DISTURBED AREA OF THE DEVELOPMENT SHALL BE REPLACED, BYPASSED AROUND THE DEVELOPMENT OR INTERCEPTED AND CONNECTED TO THE DRAINAGE SYSTEM FOR THE DEVELOPMENT. THE SIZE OF THE REPLACED OR BYPASSED DRAIN TILE SHALL BE EQUIVALENT TO THE EXISTING DRAIN TILE.

LANDSCAPING

- TREES TO BE PROTECTED DURING CONSTRUCTION WILL BE IDENTIFIED BY THE ENGINEER AND RECEIVE PROTECTION IN ACCORDANCE WITH THE DETAILS PROVIDED IN THE PLANS.
- THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL PLANT MATERIAL WITH THE INSTALLATION OF OTHER IMPROVEMENTS SUCH AS HARDSCAPE ELEMENTS AND RELATED STRUCTURES. ANY DAMAGE TO EXISTING IMPROVEMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR.
- PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING WETLANDS. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).

CULVERT CONSTRUCTION

- THE CONTRACTOR SHOULD CONSIDER OPTIMUM CONDITIONS FOR THE CULVERT REPLACEMENT WORK AT DUTCH CREEK MAY BE DURING THE WINTER MONTHS. THE UPPER FOX RIVER IS DRAWN DOWN APPROXIMATELY TWO FEET (2) ANNUALLY FROM BETWEEN NOVEMBER AND APRIL.
- ADDITIONALLY FROZEN CONDITIONS MAY PROVIDE THE CONTRACTOR AN IMPROVED WORK PLATFORM. PLEASE CONSULT THE GEOTECHNICAL REPORT FOR SOIL TYPES.

COMMITMENTS

- THE NEW CULVERT SHOULD BE CONSTRUCTED FROM THE ROADWAY PAVEMENT. CONTRACTOR SHALL NOT DISTURB THE CREEK OUTSIDE OF THE RIVERSIDE DRIVE RIGHT-OF-WAY.
- TREE REMOVAL WILL BE RESTRICTED BETWEEN APRIL 1 AND SEPTEMBER 30.
- ONSITE PERSONNEL SHALL BE PROVIDED WITH EDUCATIONAL FLIERS ABOUT BLANDINGS TURTLES AND INFORMED OF THEIR POTENTIAL OCCURRENCE IN THE AREA.
- EXCAVATIONS AND TRENCHES MUST BE COVERED AT THE END OF EACH WORKDAY AND INSPECTED AT THE BEGINNING OF EACH WORKDAY TO ENSURE THAT NO TURTLES OR OTHER NATIVE WILDLIFE HAVE BECOME TRAPPED.
- NO EQUIPMENT SHALL BE STORED OR FUELED IN THE VICINITY OF DUTCH CREEK.
- IN BLANDINGS TURTLES ARE ENCOUNTERED, WORK SHOULD CEASE IMMEDIATELY TO ALLOW THE TURTLE TO MOVE OUT OF THE WAY AND THE DEPARTMENT SHOULD BE CONTACTED (BRAD SEMEL, NATURAL HERITAGE DIVISION, 815-675-2386 EXT. 216).

EARTHWORK SUMMARY				
ITEM NO.	CODE	DESCRIPTION	CROSS SECTION BASED	
			RIVERSIDE DR PATH	TOTAL
1	20200100	EARTH EXCAVATION	971.3	971.3
2	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	852.0	852.0
3	20400800	FURNISHED EXCAVATION	158.3	158.3



HRG PROJECT NO: 21700
 HRG PROJ CONTACT:
 FILE NAME: 21700-01-gem-01.dgn
 CLOT FILE: 21700-01-gem-01.dgn
 PEN TABLE: 21700-01.dgn



USER NAME = jstrzal	DESIGNED - JJS	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED - JJS	REVISED -
PLOT DATE = 8/31/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
RIVERSIDE DRIVE

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	McHENRY	87	3
			CONTRACT NO.	61J68
ILLINOIS FED. AID PROJECT				

	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STU 80% FEDERAL 0005	
+	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,186	1,186	1
+	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	711	711	1
+	20101100	TREE TRUNK PROTECTION	EACH	15	15	
+	20101200	TREE ROOT PRUNING	EACH	15	15	
	20200100	EARTH EXCAVATION	CU YD	972	972	1
	20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	9	9	
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	852	852	
	20400800	FURNISHED EXCAVATION	CU YD	159	159	1
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	66	66	
	20800150	TRENCH BACKFILL	CU YD	675	675	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	7,800	7,800	1
+	25000210	SEEDING, CLASS 2A	ACRE	1.50	1.50	1
+	25000314	SEEDING, CLASS 4B	ACRE	0.50	0.50	
+	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180	180	1
+	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180	180	1

- CONSTRUCTION TYPE CODE 0042
- + SPECIALTY ITEM

HRG PROJECT NO: 21/700
 HRG PROJ CONTACT:
 FILE NAME: 21700-017-sum01.dgn
 CLOTHER: 21700-017-sum01.dgn
 PER: TABLE: 21700-017



USER NAME = jstrzal	DESIGNED - JJS	REVISED - 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 2,000' / in	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 7/18/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RIVERSIDE DRIVE**

SCALE: N.T.S. SHEET 1 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	McHENRY	87	4
CONTRACT NO. 61J68			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STU 80% FEDERAL 0005
28000305	TEMPORARY DITCH CHECKS	FOOT	100.0	100.0
28000400	PERIMETER EROSION BARRIER	FOOT	2,440	2,440
28000510	INLET FILTERS	EACH	9	9
28100107	STONE RIPRAP, CLASS A4	SQ YD	44	44
28200200	FILTER FABRIC	SQ YD	45	45
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13,094	13,094
40600370	LONGITUDINAL JOINT SEALANT	FOOT	7,824.0	7,824.0
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	5	5
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	158	158
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	40	40
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1,150	1,150
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2,370	2,370
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	69	69
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	19,980	19,980

1

1

1

1

- CONSTRUCTION TYPE CODE 0042
- + SPECIALTY ITEM

HRG PROJECT NO: 21700
 HRG PROJ CONTACT:
 FILE NAME: 21700-21700-sum01.dgn
 CLO: J. J. JENSEN, P.E., P.C.
 PEN: TABLET: 2/18/2023



USER NAME = jstrzal	DESIGNED - JJS	REVISED - 09/01/23
DRAWN - DMS	REVISED - XX/XX/XXXX	
PLOT SCALE = 2,000' / in	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 7/18/2023	DATE -	REVISED - XX/XX/XXXX

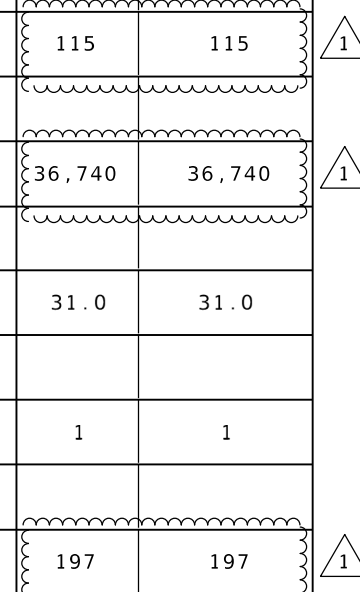
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
RIVERSIDE DRIVE	
SCALE: N.T.S.	SHEET 2 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	McHENRY	87	5
			CONTRACT NO. 61J68	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STU FEDERAL 80% 0005
44000400	GUTTER REMOVAL	FOOT	204.0	204.0
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	335	335
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	335	335
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	335	335
48101200	AGGREGATE SHOULDERS, TYPE B	TON	420	420
48203029	HOT-MIX ASPHALT SHOULDERS, 8 INCH	SQ YD	490	490
50105220	PIPE CULVERT REMOVAL	FOOT	328.0	328.0
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	115	115
50800105	REINFORCEMENT BARS	POUND	36,740	36,740
+ 50901720	BICYCLE RAILING	FOOT	31.0	31.0
51500100	NAME PLATES	EACH	1	1
54003000	CONCRETE BOX CULVERTS	CU YD	197	197
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	17.0	17.0
542A8215	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	FOOT	37.0	37.0

- CONSTRUCTION TYPE CODE 0042
- + SPECIALTY ITEM



HRG PROJECT NO: 21700
 HRG PROJ CONTACT:
 FILE NAME: 21700-217-SUMMARY.dgn
 C:\Users\jstrza\OneDrive\Documents\21700-217-SUMMARY.dgn
 PEN TABLE: 21700-217.dwg



USER NAME = jstrza	DESIGNED - JJS	REVISED - 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 2.0000' / in	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 7/18/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RIVERSIDE DRIVE**

SCALE: N.T.S. SHEET 3 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-RS	McHENRY	87	6
CONTRACT NO. 61J68			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STU 80% FEDERAL 0005
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	2	2
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	209.0	209.0
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	844.0	844.0
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	240.0	240.0
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	192	192
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	155	155
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	5	5
60602500	CONCRETE GUTTER, TYPE A	FOOT	204.0	204.0
+ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	560.0	560.0
+ 63000035	BACK SIDE PROTECTION OF GUARDRAIL	FOOT	365.0	365.0
+ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4

1

1

1

1

- CONSTRUCTION TYPE CODE 0042
- SPECIALTY ITEM

HRG PROJECT NO: 21700
 HRG PROJ CONTACT:
 FILE NAME: 21700-217-SUM-01.dgn
 CLOT NUMBER: 63401-01-01-01
 PEN TABLE: 21700-01-01



USER NAME = jstrzal	DESIGNED - JJS	REVISED -
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 2.0000' / in	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 7/18/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
RIVERSIDE DRIVE

SCALE: N.T.S. SHEET 4 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	McHENRY	87	7
			CONTRACT NO. 61J68	
ILLINOIS FED. AID PROJECT				

	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STU FEDERAL 80% 0005
+	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	582.0	582.0
+	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	478.0	478.0
+	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	26.0	26.0
+	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	10	10
	X0326806	WASHOUT BASIN	L SUM	1	1
	X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	192	192
	X1200274	TEMPORARY BYPASS PUMPING SYSTEM	L SUM	1	1
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100.0	100.0
+	X2200020	FENCE REMOVAL AND REINSTALLATION	FOOT	317.0	317.0
+	X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	7,800	7,800
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	9	9
	X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	81	81
	X4420210	TEMPORARY PATCHING	SQ YD	135	135
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1

1

1

1

- CONSTRUCTION TYPE CODE 0042
- + SPECIALTY ITEM

HRG PROJECT NO: 21700
 HRG PROJ CONTACT:
 FILE NAME: 21700-217-SUM-01.dgn
 CLO: JSTRZAL
 PEN: TABLET



USER NAME = jstrzal	DESIGNED - JJS	REVISED - 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 2,000' / 1"	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 7/18/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
RIVERSIDE DRIVE

SCALE: N.T.S. SHEET 6 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-RS	McHENRY	87	9
			CONTRACT NO. 61J68	

[ILLINOIS] FED. AID PROJECT

	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STU 80% FEDERAL 0005
+	X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	270	270
+	XX008916	CONTROLLED STIFFNESS COLUMNS	L SUM	1	1
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
+	Z0022800	FENCE REMOVAL	FOOT	450	450
•	Z0076600	TRAINEES	HOUR	500	500
•	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

1

- CONSTRUCTION TYPE CODE 0042
- + SPECIALTY ITEM

HRG PROJECT NO: 21700
 HRG PROJ. CONTACT:
 FILE NAME: 21700-01-sum01.dgn
 PLOT: 21700-01-sum01.dwg
 PEN TABLE: 21700.tbl



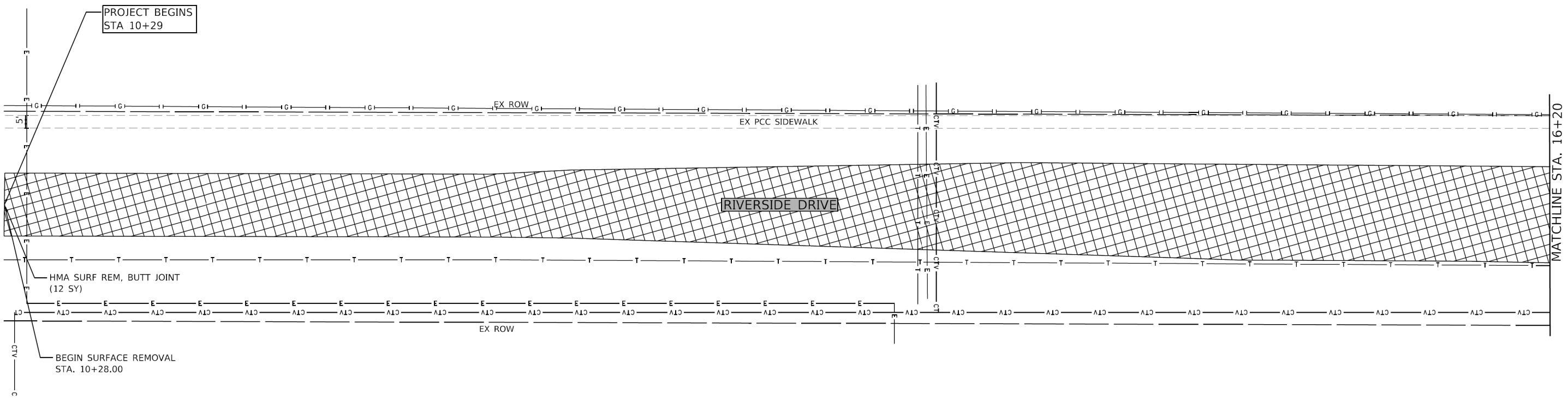
USER NAME = jstrzal	DESIGNED - JJS	REVISED - 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 2.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 7/18/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 RIVERSIDE DRIVE**

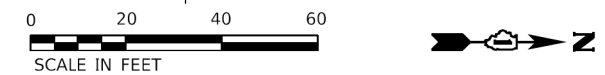
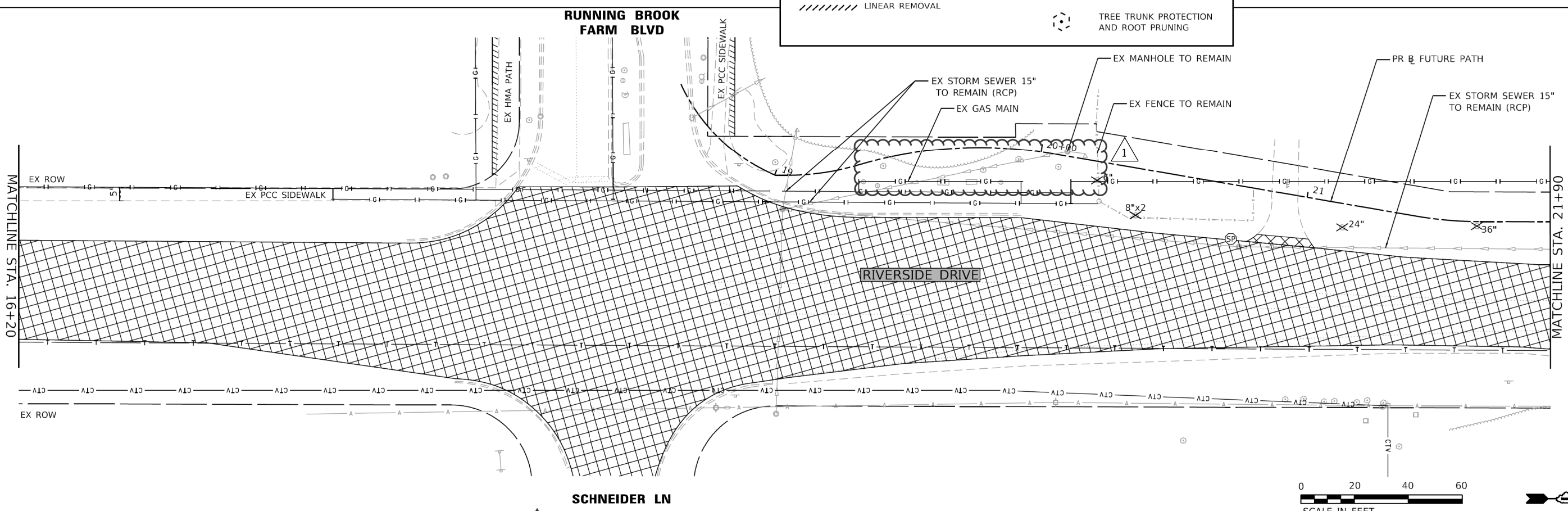
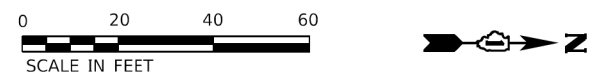
SCALE: N.T.S. SHEET 7 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-RS	McHENRY	87	10
CONTRACT NO. 61J68			ILLINOIS FED. AID PROJECT	



LEGEND

- HMA SURFACE REMOVAL
- PAVEMENT REMOVAL
- LINEAR REMOVAL
- ITEM / TREE REMOVAL
- STRUCTURE TO BE REMOVED OR ADJUSTED
- TREE TRUNK PROTECTION AND ROOT PRUNING



HRG PROJECT NO. 21700
 HRG PROJ. CONTACT:
 FILE NAME: 21700-21+R-rem-01.dgn
 CLO NAME: E:\cpe\21700-21+R-rem-01.dgn
 PEN TABLE: 21700-21+R-rem-01.dgn



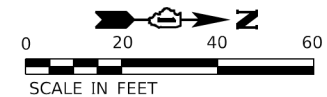
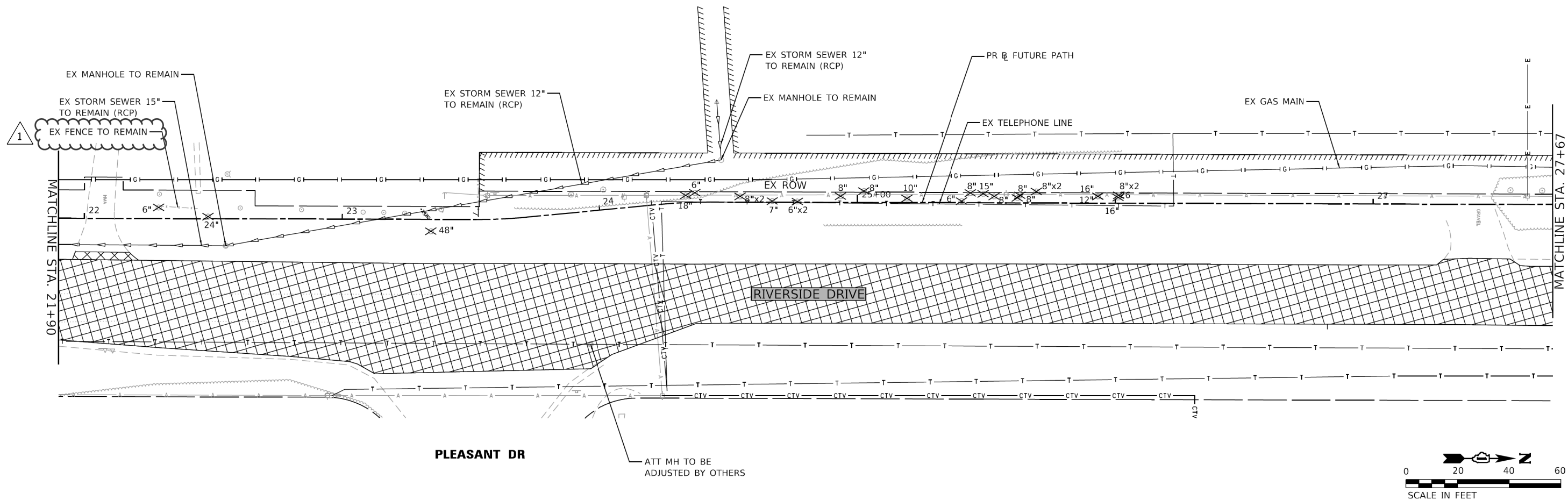
USER NAME = jstrzal	DESIGNED - JJS	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40,0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

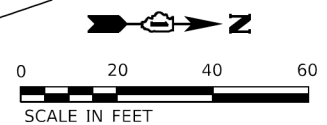
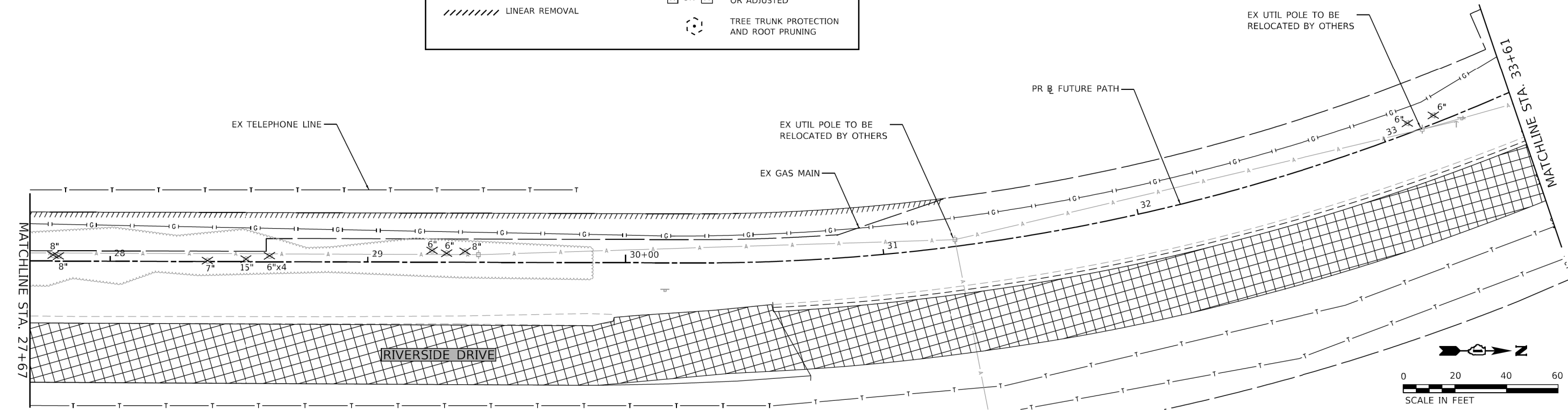
SCALE: 1"=20'	SHEET 1 OF 5 SHEETS	STA. 10+29.00 TO STA. 21+90.00
---------------	---------------------	--------------------------------

**REMOVAL PLAN
RIVERSIDE DRIVE**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	McHENRY	87	14
CONTRACT NO. 61168			ILLINOIS FED. AID PROJECT	



LEGEND	
	HMA SURFACE REMOVAL
	PAVEMENT REMOVAL
	LINEAR REMOVAL
	ITEM / TREE REMOVAL
	STRUCTURE TO BE REMOVED OR ADJUSTED
	TREE TRUNK PROTECTION AND ROOT PRUNING



HRG PROJECT NO. 21700
 HRG PROJ. CONTACT:
 FILE NAME: 21700-217-R-rem-02.dgn
 CLO: J. J. JENSEN, L.S.P.E., J. J. JENSEN, L.S.P.E.
 PEN: J. J. JENSEN, L.S.P.E.



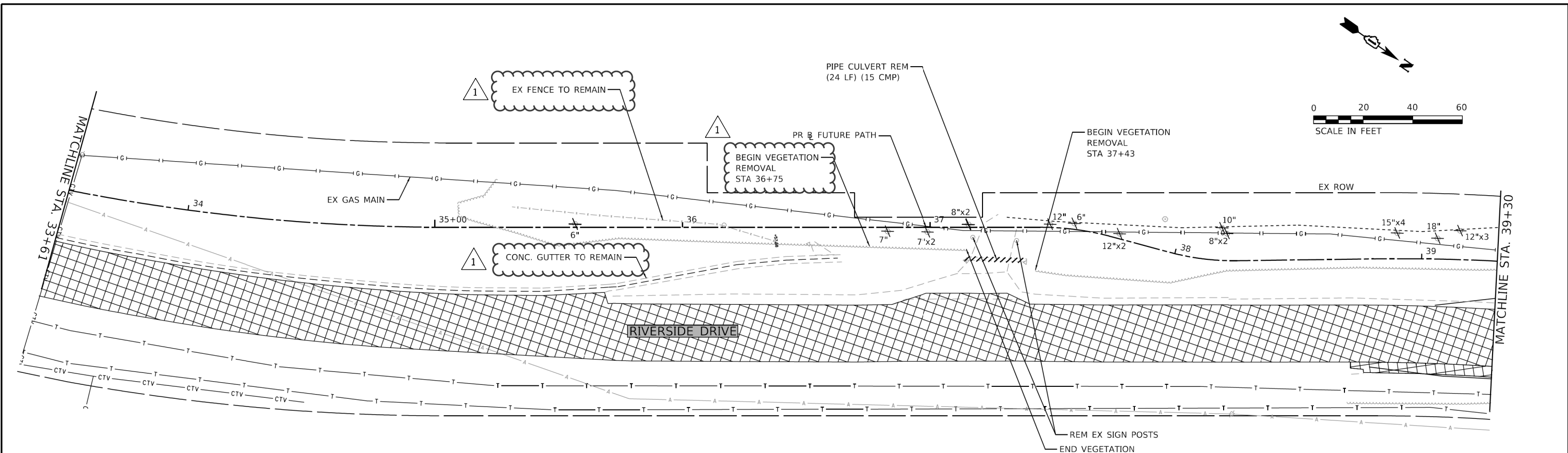
USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40,0000' / 1"	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

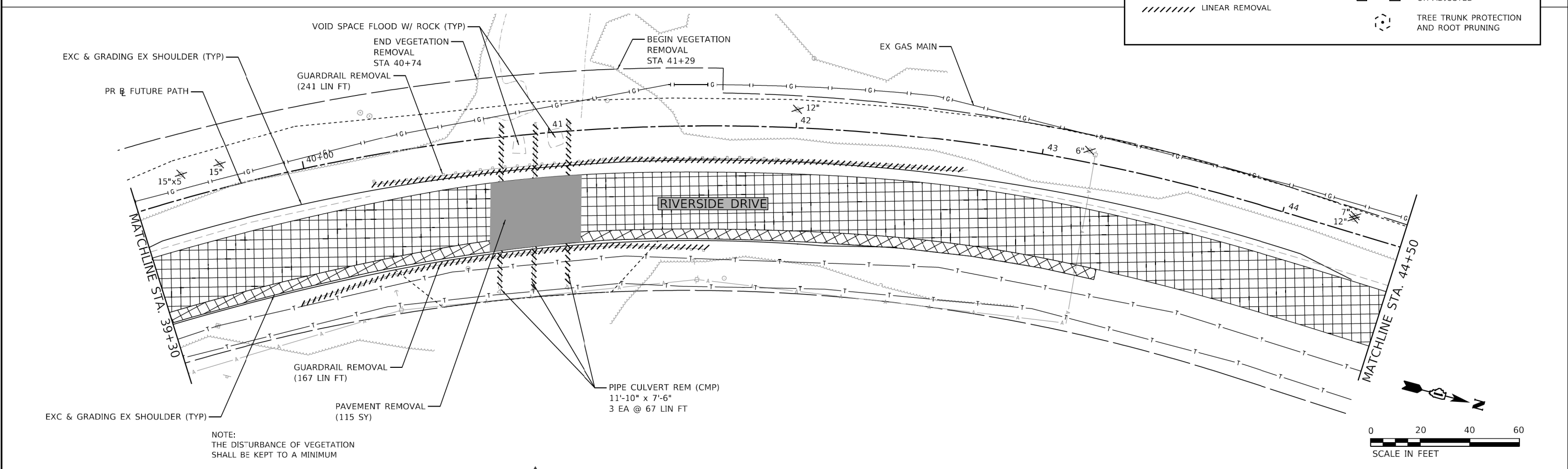
**REMOVAL PLAN
RIVERSIDE DRIVE**

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 21+90.00 TO STA. 33+61.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	15
			CONTRACT NO. 61168	
ILLINOIS FED. AID PROJECT				



LEGEND	
	HMA SURFACE REMOVAL
	PAVEMENT REMOVAL
	LINEAR REMOVAL
	ITEM / TREE REMOVAL
	STRUCTURE TO BE REMOVED OR ADJUSTED
	TREE TRUNK PROTECTION AND ROOT PRUNING



NOTE:
THE DISTURBANCE OF VEGETATION
SHALL BE KEPT TO A MINIMUM

HRG PROJECT NO. 21/700
 HRG PROJ CONTACT:
 FILE NAME: 21/700-21-rem-01.dgn
 CLO: JEN.LAPORTER@hrgr.com
 PEN: TABLET/PROBEN/DJ

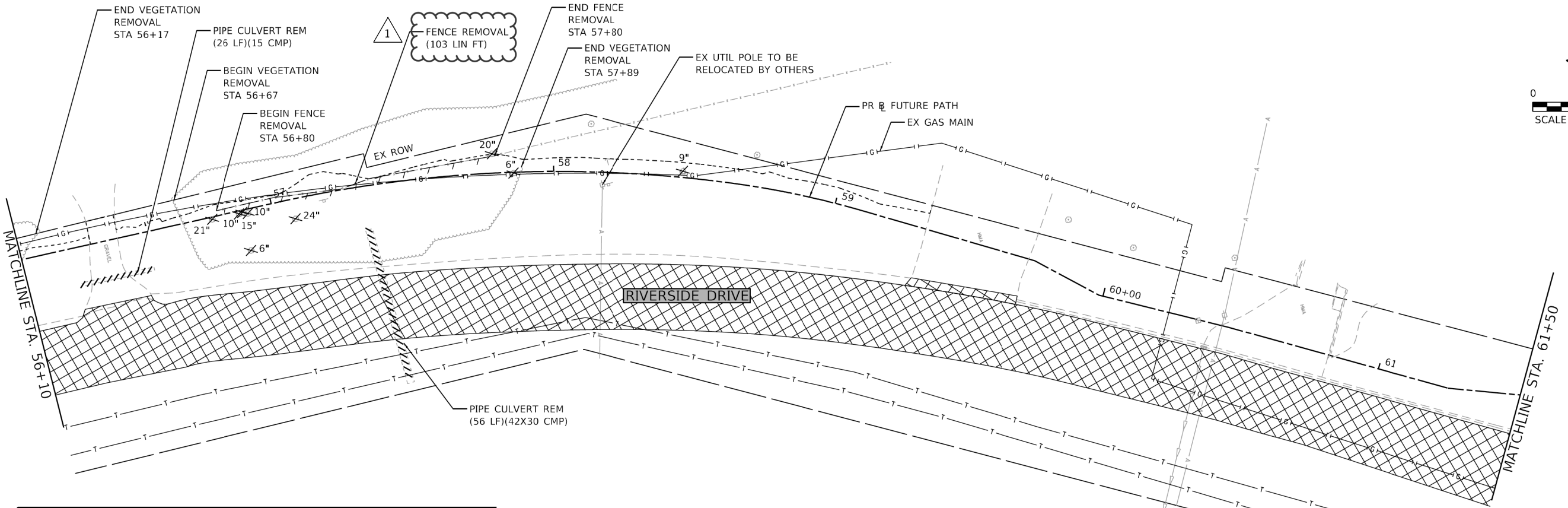
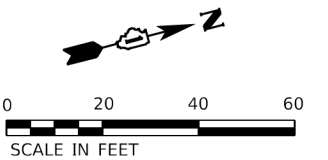


USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40,0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

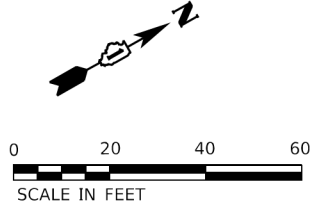
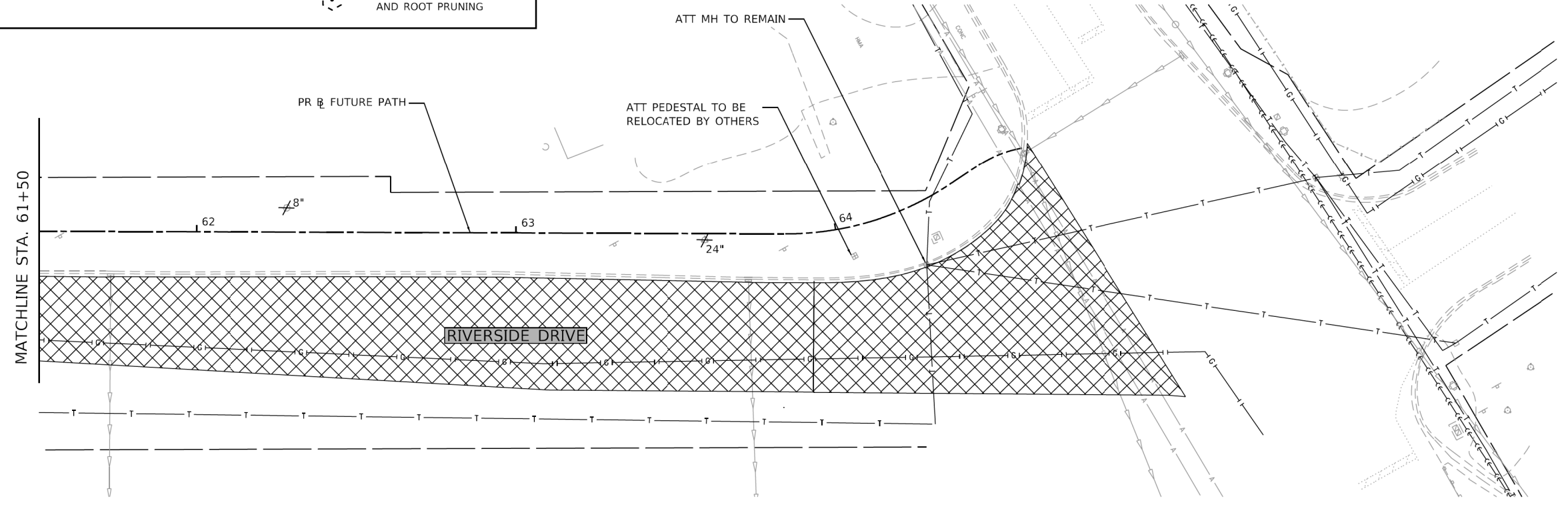
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN RIVERSIDE DRIVE	
SCALE: 1"=20'	SHEET 3 OF 5 SHEETS STA. 33+61.00 TO STA. 44+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	16
			CONTRACT NO. 61168	
ILLINOIS FED. AID PROJECT				



LEGEND	
	HMA SURFACE REMOVAL
	PAVEMENT REMOVAL
	LINEAR REMOVAL
	ITEM / TREE REMOVAL
	STRUCTURE TO BE REMOVED OR ADJUSTED
	TREE TRUNK PROTECTION AND ROOT PRUNING



HRG PROJECT NO. 21700
 HRG PROJ CONTACT:
 FILE NAME: 21700-217-rem-05.dgn
 CLO: J. J. JENSEN, L.S.P.E., P.E., P.C.
 PEN: J. J. JENSEN



USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40,0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

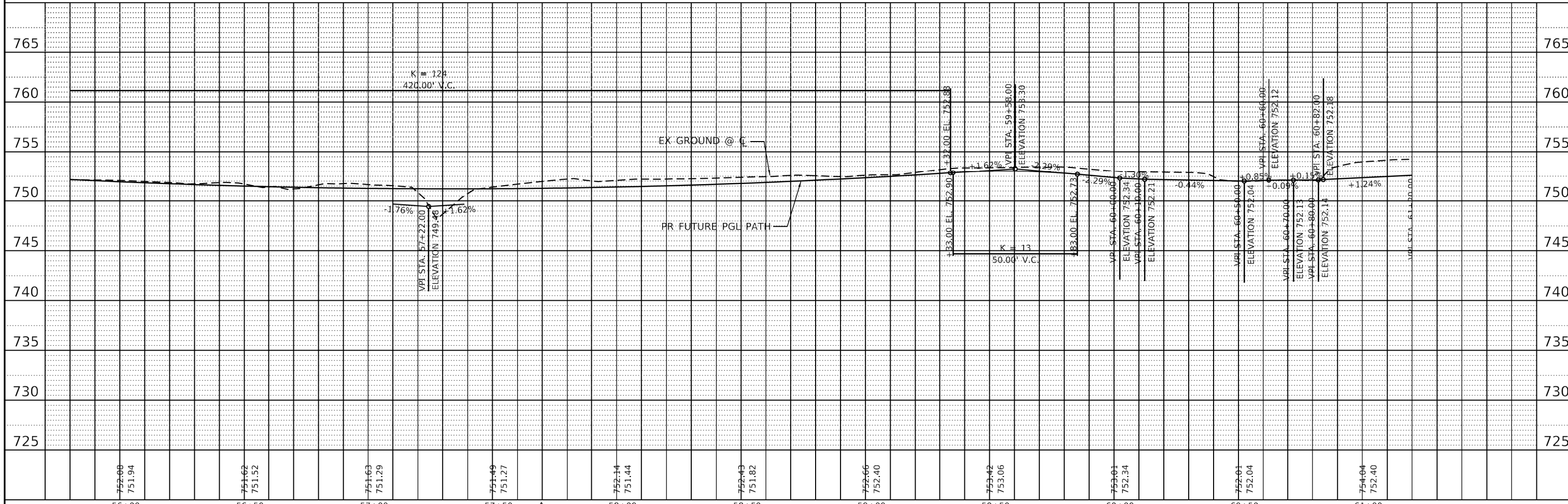
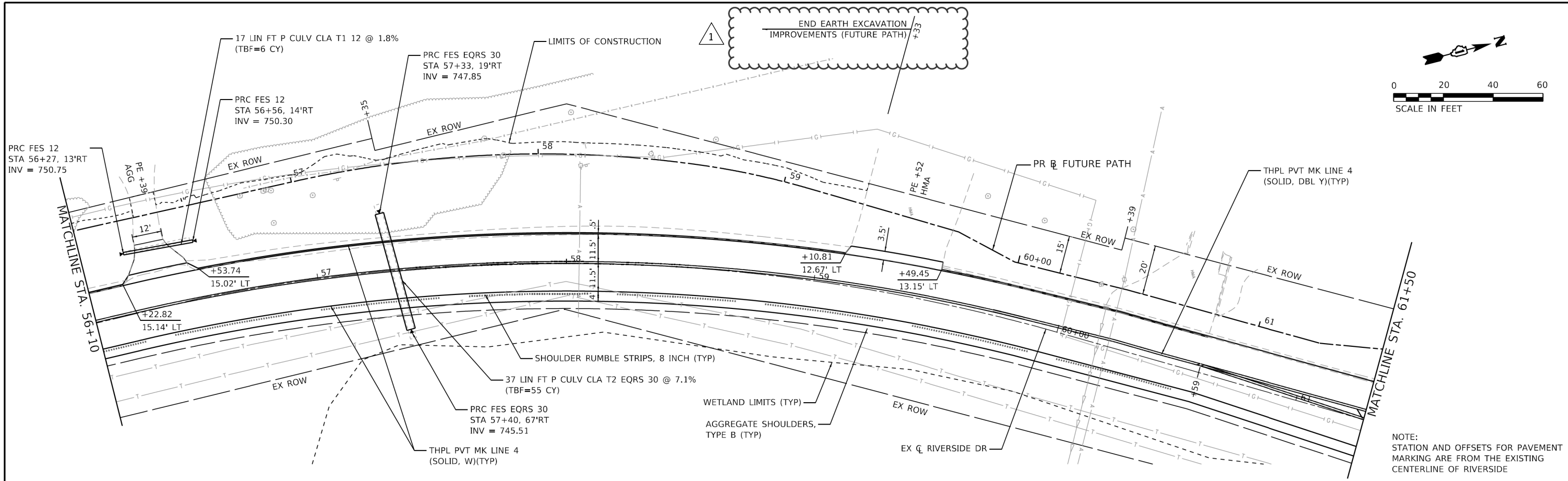
**REMOVAL PLAN
RIVERSIDE DRIVE**

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 56+10.00 TO STA. 64+60.99

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	18
			CONTRACT NO. 61J68	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SUBMITTED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
SUBMITTED	
PLANNED	
NOTED	
NO.	



HRG PROJECT NO. 21700
 HRG PROJ. CONTACT:
 FILE NAME: 21700-01-01-01-01-01.dgn
 PLOT NAME: 21700-01-01-01-01-01.dwg
 PLOT DATE: 8/31/2023

HRGreen.com
 Illinois Professional Design Firm
 #164-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40,0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

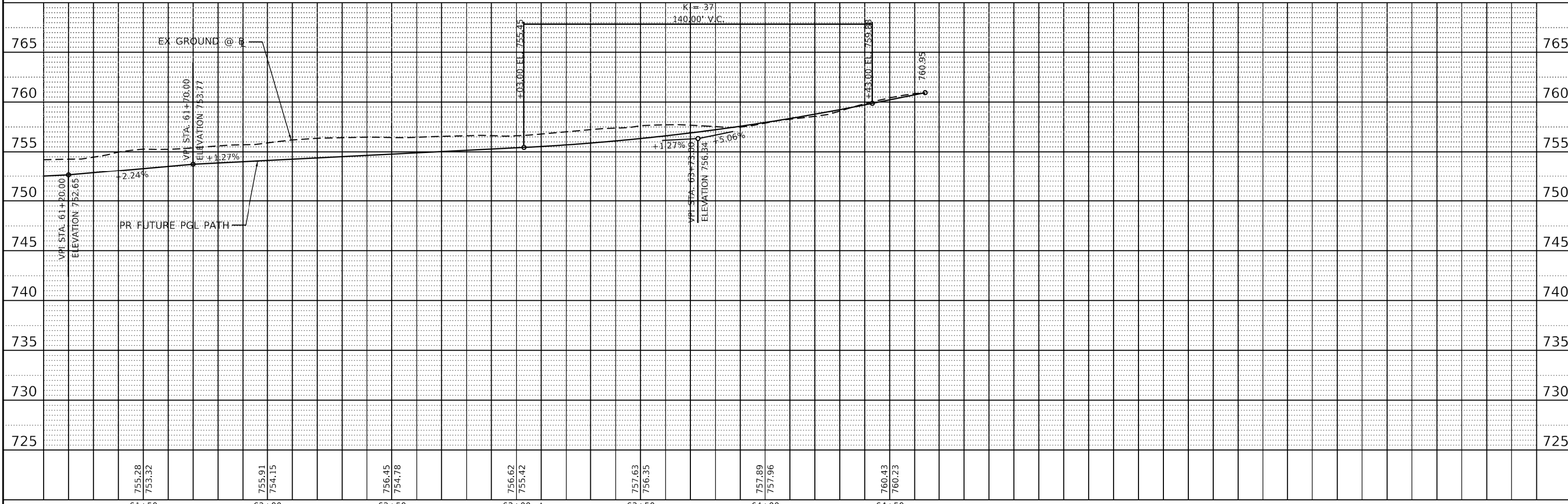
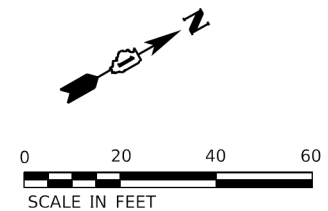
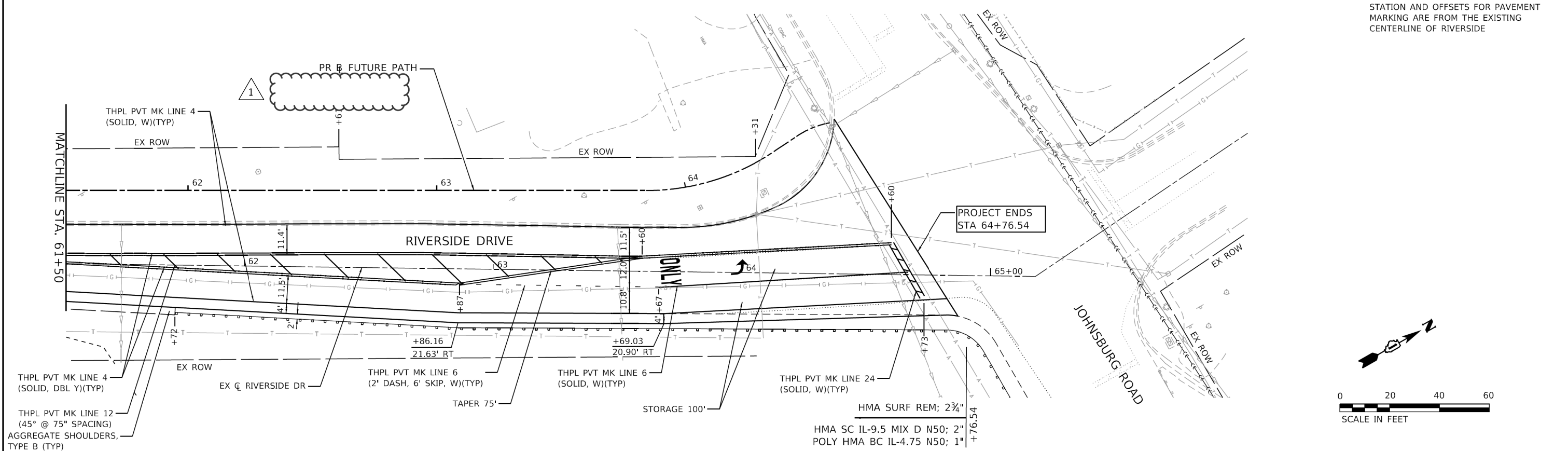
**PATH PLAN & PROFILE
 RIVERSIDE DRIVE**
 SCALE: 1"=20' SHEET 9 OF 10 SHEETS STA. 56+10.00 TO STA. 61+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	27
CONTRACT NO. 61J68			ILLINOIS FED. AID PROJECT	

NOTE:
STATION AND OFFSETS FOR PAVEMENT
MARKING ARE FROM THE EXISTING
CENTERLINE OF RIVERSIDE

PLAN	SUBMITTED	DATE
	NOTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SUBMITTED	DATE
	NOTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	DRWD	
	NO.	



HRG PROJECT NO: 21700
HRG PROJ CONTACT:
FILE NAME: 21700-21-1-pm-rf-0.dgn
CLOTTERS: j.por, b.por, r.c.g
PEN: TABLER (p1000010)



USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XXXX/XXXX
PLOT SCALE = 40.0000' / 1"	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATH PLAN & PROFILE	
RIVERSIDE DRIVE	
SCALE: 1"=20'	SHEET 10 OF 10 SHEETS
STA. 61+50.00 TO STA. 64+51.65	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	28
			CONTRACT NO. 61J68	
ILLINOIS FED. AID PROJECT				

SIGN LEGEND

①		W20-2(0)-4848	⑩		M3-3(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9L(0)-3024
②		M3-1(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9 (0)-3024	⑪		M3-3(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9R(0)-3024
③		M3-1(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9L(0)-3024	⑫		M3-3(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9R(0)-3024
④		M3-1(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9L(0)-3024	⑬	OMITTED	
⑤		M3-1(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9R(0)-3024	⑭		W20-3(0)-4848
⑥		M3-1(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9R(0)-3024	⑮*		R11-4-6030 M4-10R-4818
⑦		4-8A-2418	⑯*		R11-2-4830 M4-10L-4818
⑧		M3-3(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9(0)-3024	⑰**		(1) (2)
⑨		M3-3(0)-2412 SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND M4-9L(0)-3024			

- ** NOTES:**
- OVERLAY PANEL (1) TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION (I.E. "FROM APR 2"),
 - OVERLAY PANEL (2) TO CONTAIN ENDING MONTH OF FULL CLOSURE AND DETOUR (I.E. "THROUGH JULY". OMIT THE DATE ON PANEL (2); PROVIDE MONTH ONLY).
 - SIGNS ARE TO BE PLACED NEAR THE LIMITS OF THE ROAD CLOSURE - ONE IN EACH DIRECTION. THESE SIGNS SHALL BE PAID FOR AS 'TEMPORARY INFORMATION SIGNING'.

DETOUR LEGEND

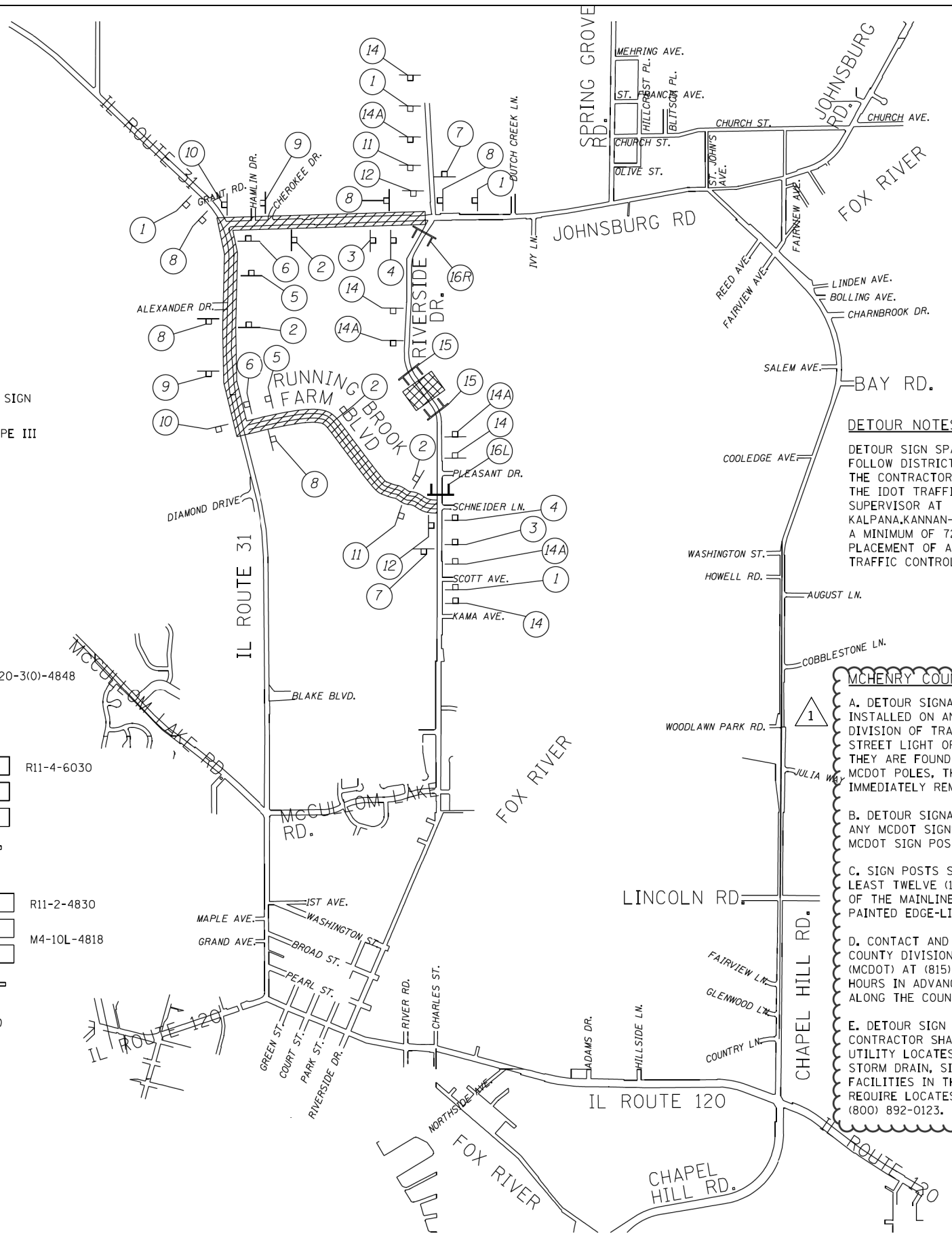
- DETOUR ROUTE
- DETOUR GUIDE SIGN
- BARRICADE, TYPE III
- WORK ZONE

ROAD CLOSED 500 FT W20-3(0)-4848

ROAD CLOSED R11-4-6030

ROAD CLOSED TO THRU TRAFFIC R11-2-4830
M4-10L-4818

NOTE: SIGNS ARE TO BE MOUNTED ABOVE BARRICADE RAILS.



DETOUR NOTES

DETOUR SIGN SPACING SHALL FOLLOW DISTRICT DETAIL TC-21. THE CONTRACTOR MUST CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS PRIOR TO PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

MCHEMRY COUNTY DETOUR NOTES

- DETOUR SIGNAGE SHALL NOT BE INSTALLED ON ANY MCHEMRY COUNTY DIVISION OF TRANSPORTATION (MCDOT) STREET LIGHT OR SIGNAL POLES. IF THEY ARE FOUND TO BE INSTALLED ON MCDOT POLES, THEY WILL BE IMMEDIATELY REMOVED.
- DETOUR SIGNAGE SHALL NOT BLOCK ANY MCDOT SIGNS AND CANNOT USE THE MCDOT SIGN POSTS.
- SIGN POSTS SHALL BE INSTALLED AT LEAST TWELVE (12) FEET FROM THE EDGE OF THE MAINLINE ROADWAY (WHITE PAINTED EDGE-LINE).
- CONTACT AND NOTIFY THE MCHEMRY COUNTY DIVISION OF TRANSPORTATION (MCDOT) AT (815) 334-4960 AT LEAST 48 HOURS IN ADVANCE OF PLACING SIGNAGE ALONG THE COUNTY HIGHWAYS(S).
- DETOUR SIGN INSTALLATION CONTRACTOR SHALL CALL JULIE FOR UTILITY LOCATES. MCDOT MAY HAVE STORM DRAIN, SIGNAL AND LIGHTING FACILITIES IN THESE AREAS THAT COULD REQUIRE LOCATES. CONTACT JULIE AT (800) 892-0123.

HRG PROJECT NO: 21700
HRG PROJ CONTACT:
FILE NAME: 21700-217-001-detour.dgn
CLOT USER: jstrzal
PEN TABLE: PenTable.tbl



USER NAME = jstrzal	DESIGNED - JJS	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 2000.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

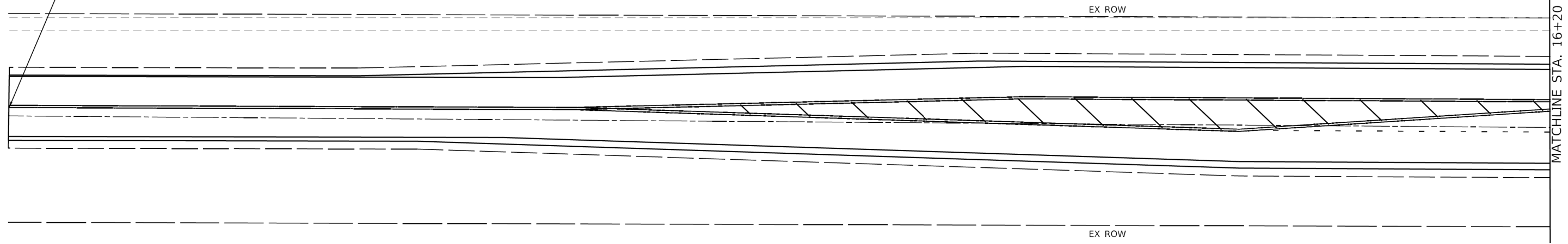
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
RIVERSIDE DRIVE**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	McHENRY	87	29
			CONTRACT NO. 61168	
ILLINOIS FED. AID PROJECT				

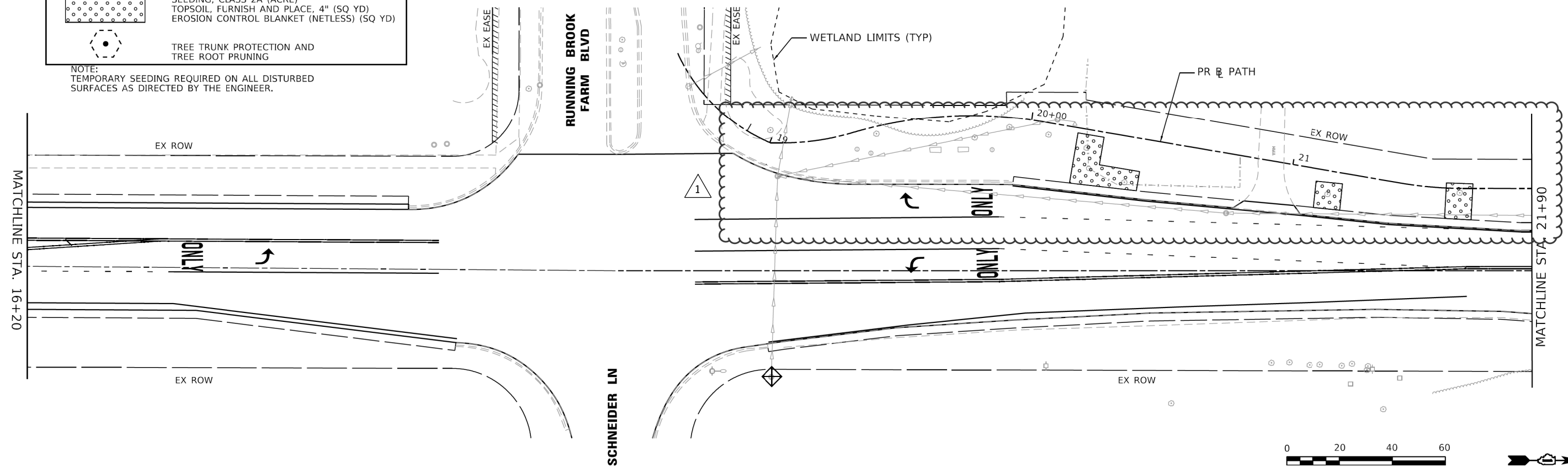
PROJECT BEGINS
STA 10+29



MATCHLINE STA. 16+20

LEGEND	
	INLET FILTERS (EA)
	PERIMETER EROSION BARRIER (FT)
	TEMPORARY DITCH CHECK (FT)
	SEEDING, CLASS 2A (ACRE) TOPSOIL, FURNISH AND PLACE, 4" (SQ YD) EROSION CONTROL BLANKET (NETLESS) (SQ YD)
	TREE TRUNK PROTECTION AND TREE ROOT PRUNING

NOTE:
TEMPORARY SEEDING REQUIRED ON ALL DISTURBED
SURFACES AS DIRECTED BY THE ENGINEER.



MATCHLINE STA. 16+20

MATCHLINE STA. 21+90



HRG PROJECT NO. 21700
HRG PROJ. CONTACT:
FILE NAME: 21700-217-Err-01.dgn
C:\Users\jstrzal\OneDrive\Documents\21700-217-Err-01.dgn
PEN TABLE: 21700.tbl



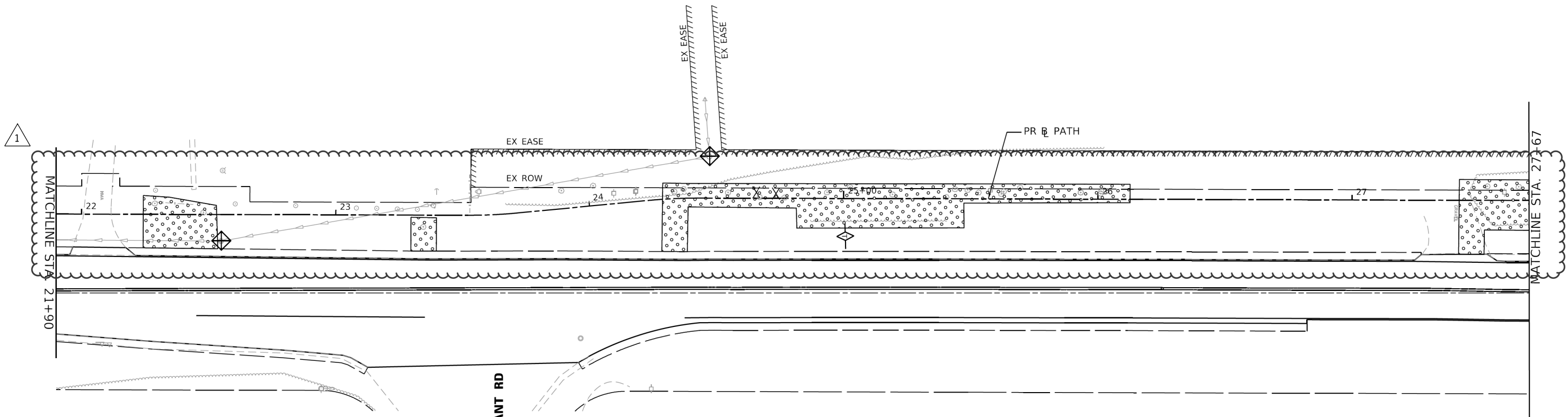
USER NAME = jstrzal	DESIGNED - JJS	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40,0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN	
RIVERSIDE DRIVE	
SCALE: 1"=20'	SHEET 1 OF 5 SHEETS
STA. 10+29.00	TO STA. 21+90.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	McHENRY	87	30
CONTRACT NO. 61J68				

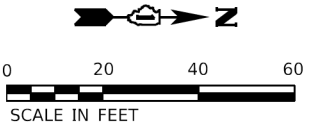
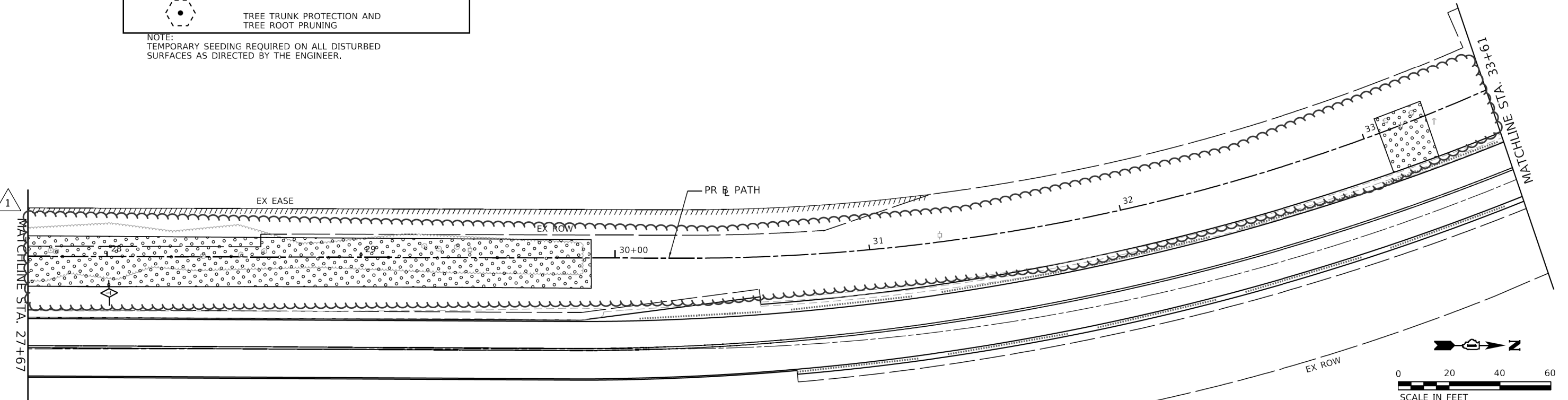
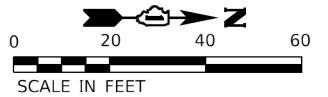
ILLINOIS FED. AID PROJECT



PLEASANT RD

LEGEND	
	INLET FILTERS (EA)
	PERIMETER EROSION BARRIER (FT)
	TEMPORARY DITCH CHECK (FT)
	SEEDING, CLASS 2A (ACRE) TOPSOIL, FURNISH AND PLACE, 4" (SQ YD) EROSION CONTROL BLANKET (NETLESS) (SQ YD)
	TREE TRUNK PROTECTION AND TREE ROOT PRUNING

NOTE:
TEMPORARY SEEDING REQUIRED ON ALL DISTURBED SURFACES AS DIRECTED BY THE ENGINEER.



HRG PROJECT NO. 21/700
HRG PROJ. CONTACT:
FILE NAME: 21/700-217-Ero-02.dgn
CLO: JEN.L...
PEN: JEN.L...

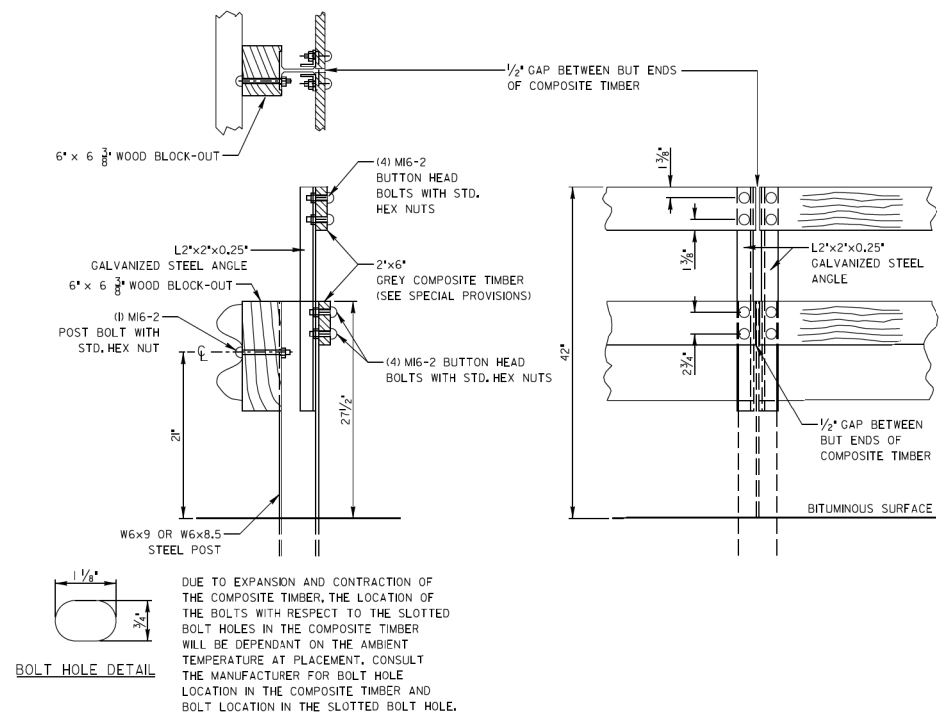


USER NAME = jstrzal	DESIGNED - JJS	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40,0000' / 1"	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

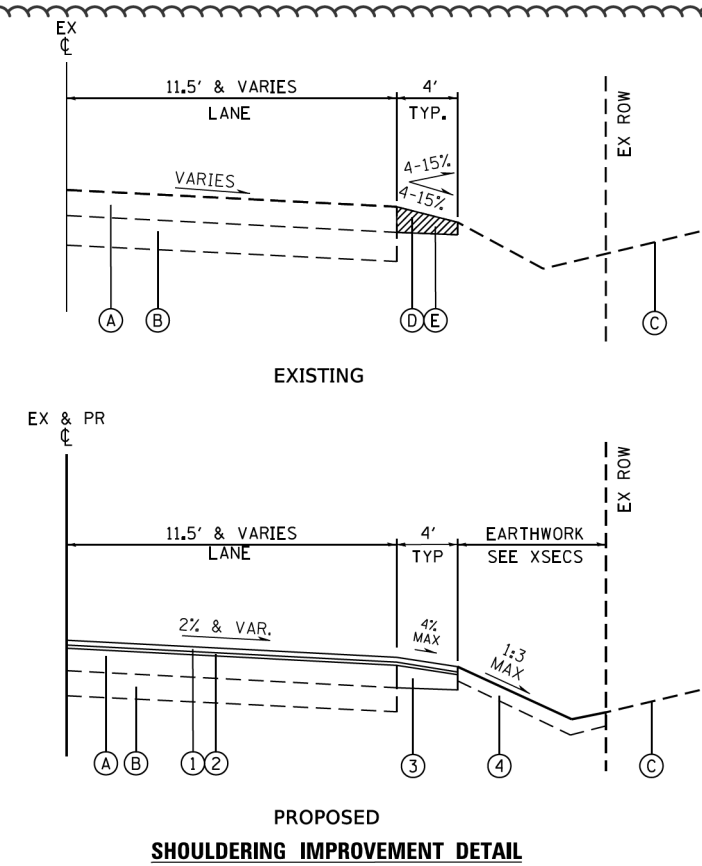
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN	
RIVERSIDE DRIVE	
SCALE: 1"=20'	SHEET 2 OF 5 SHEETS
STA. 21+90.00 TO STA. 33+61.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	31
			CONTRACT NO. 61168	
ILLINOIS FED. AID PROJECT				



BACK SIDE PROTECTION OF GUARDRAIL DETAIL



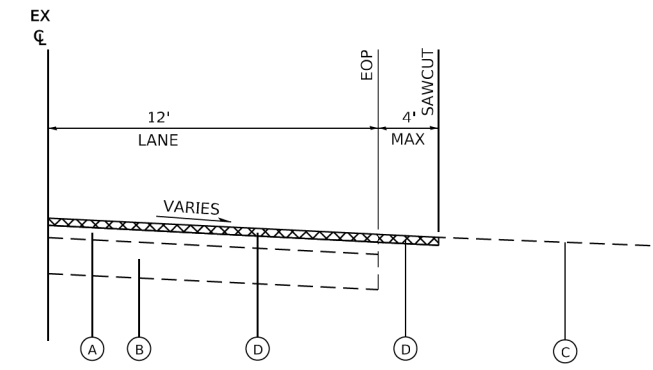
EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT; 6"-7"
- (B) EXISTING AGGREGATE BASE COURSE; 12"
- (C) EXISTING GROUND
- (D) EXISTING AGGREGATE SHOULDER & EARTH PARKWAY
- (E) EXCAVATING & GRADING EXISTING SHOULDER (PER UNIT)

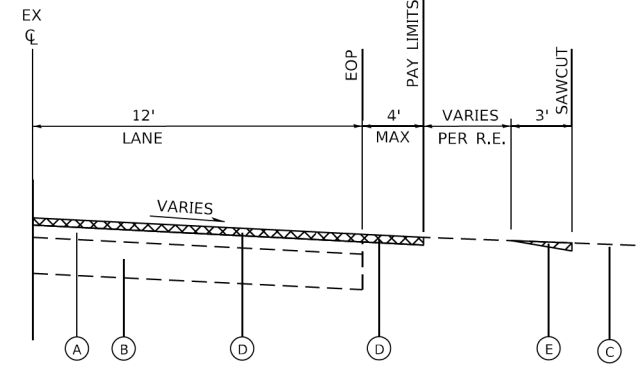
PROPOSED LEGEND

- (1) PROPOSED RESURFACING; HMA SC IL-9.5 MIX D N50 (PER TON)
- (2) PROPOSED RESURFACING; POLY HMA BC IL-4.75 N50 (PER TON)
- (3) HOT-MIX ASPHALT SHOULDERS, 8 INCH (PER SQ YD)
- (4) PARKWAY RESTORATION CONSISTING OF: SEEDING, OF THE CLASS SPECIFIED (PER AC) TOPSOIL FURNISH & PLACE, 4" (SQ YD) EROSION CONTROL BLANKET (SPECIAL) (SQ YD)

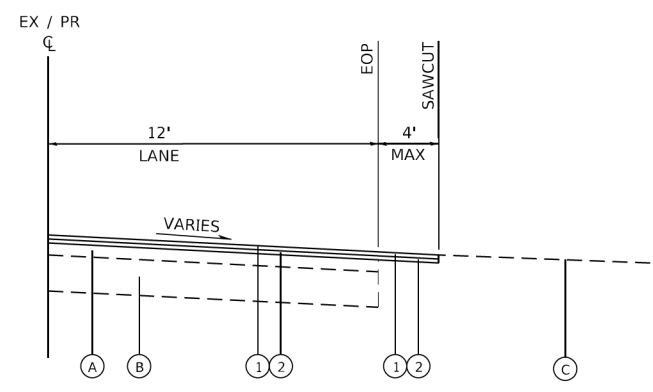
1



EXISTING / REMOVAL DETAIL

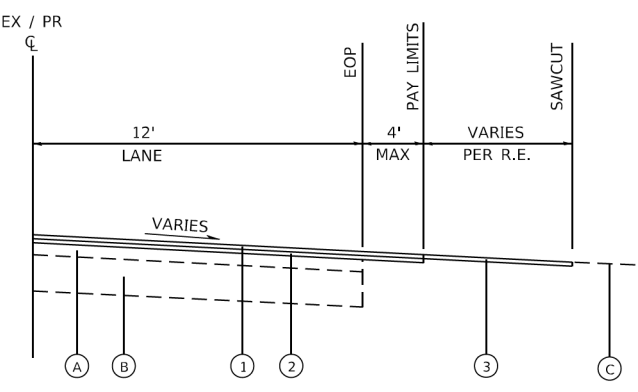


EXISTING / REMOVAL DETAIL



PROPOSED / RESURFACING DETAIL

CASE I



PROPOSED / RESURFACING DETAIL

CASE II

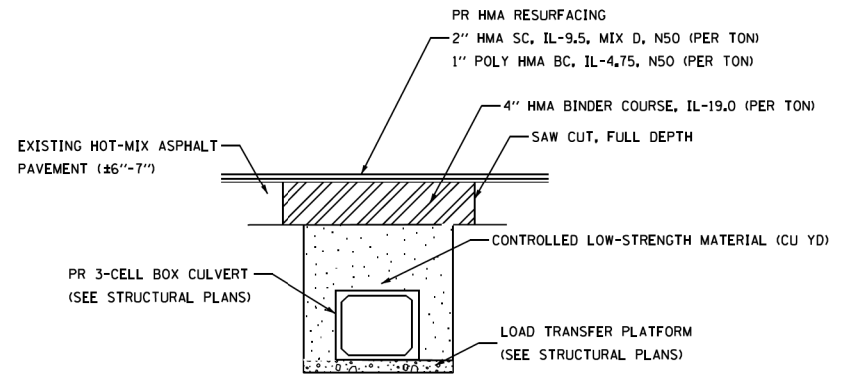
DRIVEWAY RESURFACING DETAILS

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT; 6"-7"
- (B) EXISTING AGGREGATE BASE COURSE; 12"
- (C) EXISTING DRIVEWAY PAVEMENT
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (SEE RESURFACING PLANS)
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (PER SQ YD)

PROPOSED LEGEND

- (1) PROPOSED RESURFACING; HMA SC IL-9.5 MIX D N50
- (2) PROPOSED RESURFACING; POLY HMA BC IL-4.75 N50
- (3) INCIDENTAL HOT-MIX ASPHALT SURFACING (PER TON)



ROADWAY SECTION AT CULVERT

SEE STRUCTURAL PLANS FOR MATERIALS, EXCAVATION, CONCRETE BOX CULVERTS, AND END SECTIONS.

HRG PROJECT NO. 21/700
 HRG PROJ. CONTACT:
 FILE NAME: 21700-01-01-01.dwg
 PLOT DRIVER: L:\p\l\dwg\p1c1c1g
 PEN TABLE: hr10tbl1.tbl



USER NAME = jstrzal	DESIGNED - JJS	REVISED - 1 09/01/23
PLOT SCALE = 20.0075 ' / in.	DRAWN - DMS	REVISED -
PLOT DATE = 8/31/2023	CHECKED - JJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

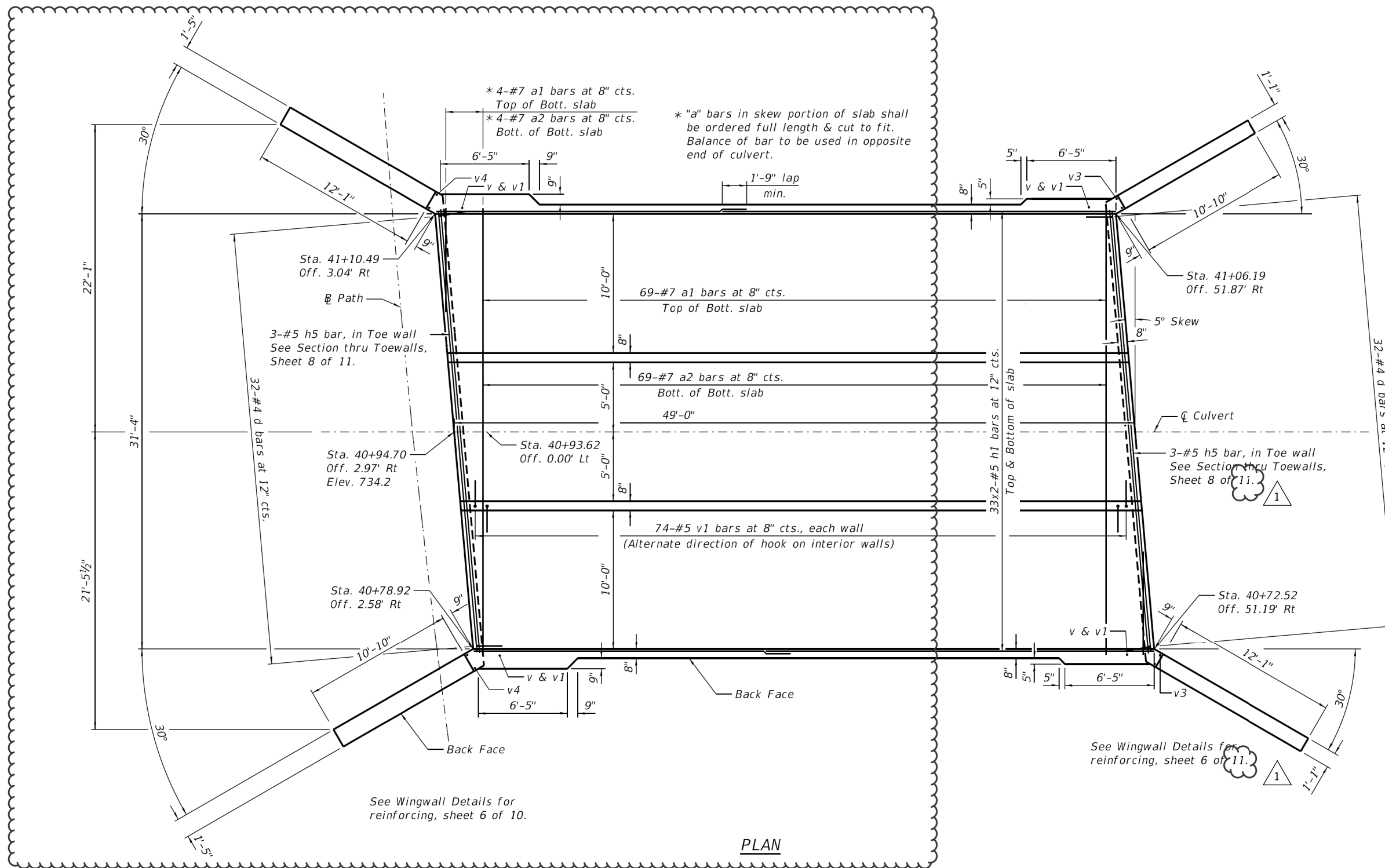
**CONSTRUCTION DETAILS
 RIVERSIDE DRIVE**

SCALE: N.T.S. SHEET 1 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	46
			CONTRACT NO. 61168	
ILLINOIS FED. AID PROJECT				

MINIMUM BAR LAP

#4 bars = 1'-9"
#5 bars = 2'-2"



* "a" bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

See Wingwall Details for reinforcing, sheet 6 of 10.

See Wingwall Details for reinforcing, sheet 6 of 11.

PLAN



Note:
Bars indicated thus 7x2-#4 etc. indicates 7 lines of #4 bars with 2 lengths per line.

HRC PROJECT NO. 217700
 HRC PROJ. CONTACT
 FILE NAME: 056-6019-xxx-003_Culvert_Bottom-Slab.dgn
 PLOT DRIVER: il_def.dwg.plt
 PEN TABLE: plotlabel.tbl


 HRGreen.com
 ■ Registered Professional Design Firm
 # 184-001322

USER NAME = whood	DESIGNED - RAT	REVISED - 1 09/01/23
CHECKED - SLS	REVISIONS - XXXX/XXXX	
PLOT SCALE =	DRAWN - WJH	REVISIONS - XX/XX/XXXX
PLOT DATE = 8/31/2023	CHECKED - AEU	REVISIONS - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS - BOTTOM SLAB
STRUCTURE NO. 056-6019**

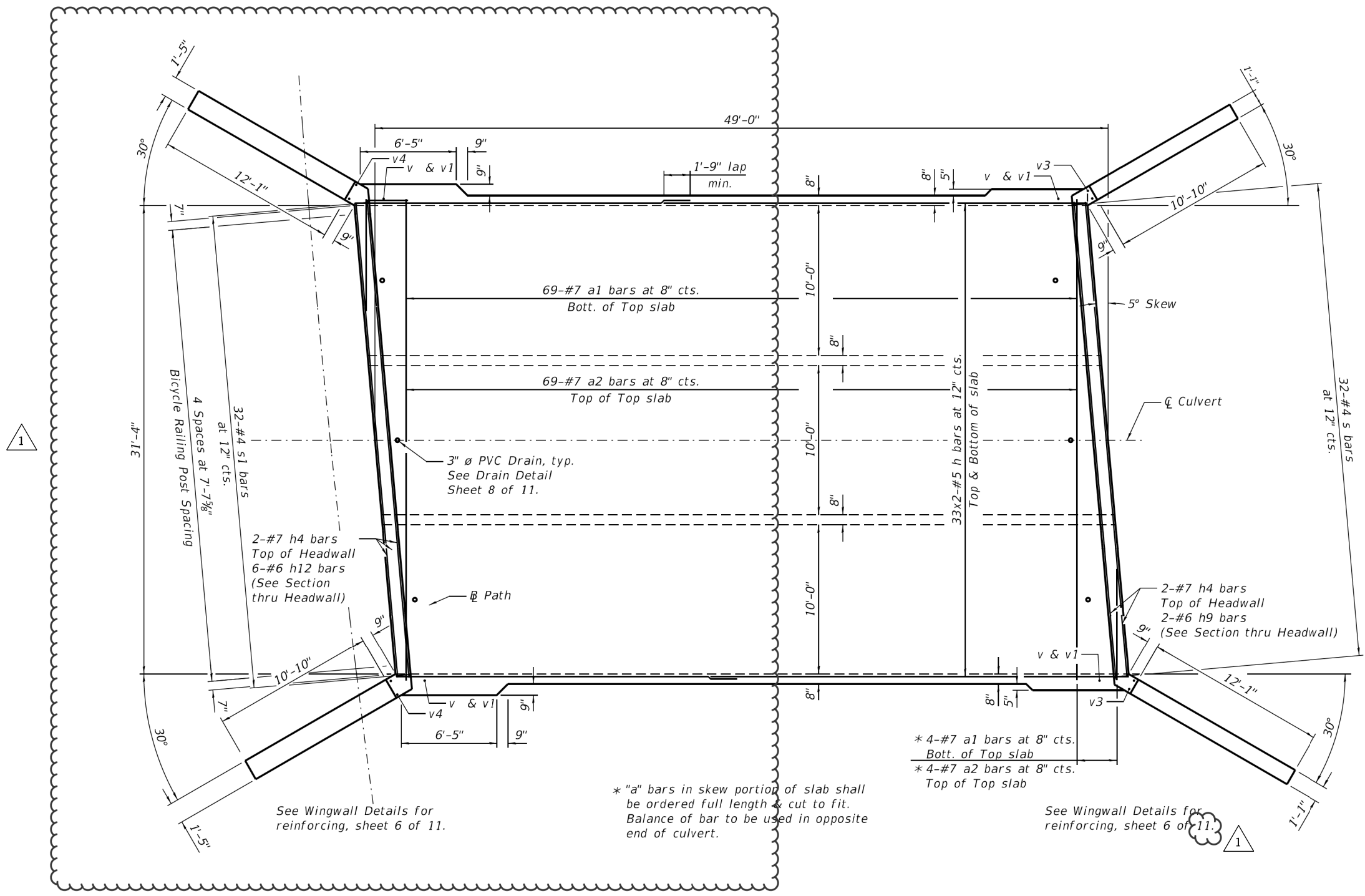
SHEET NO. 3 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	54
			CONTRACT NO. 61J68	

ILLINOIS FED. AID PROJECT

MINIMUM BAR LAP

#4 bars = 1'-9"
#5 bars = 2'-2"



PLAN

* 4-#7 a1 bars at 8" cts.
Bott. of Top slab
* 4-#7 a2 bars at 8" cts.
Top of Top slab

* "a" bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

See Wingwall Details for reinforcing, sheet 6 of 11.

See Wingwall Details for reinforcing, sheet 6 of 11.

Note:
Bars indicated thus 7x2-#4 etc. indicates 7 lines of #4 bars with 2 lengths per line.

MRC PROJECT NO. 217700
MRC PROJ. CONTACT
FILE NAME: 056-6019-rss-004_Culvert_Top-Slab.dgn
PLOT DRIVER: il_def.dwg.plt
PEN TABLE: plctable.tbl



USER NAME = whood	DESIGNED - RAT	REVISED - 1 09/01/23
	CHECKED - SLS	REVISED - XXXX/XXXX
PLOT SCALE =	DRAWN - WJH	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	CHECKED - AEU	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS - TOP SLAB
STRUCTURE NO. 056-6019**

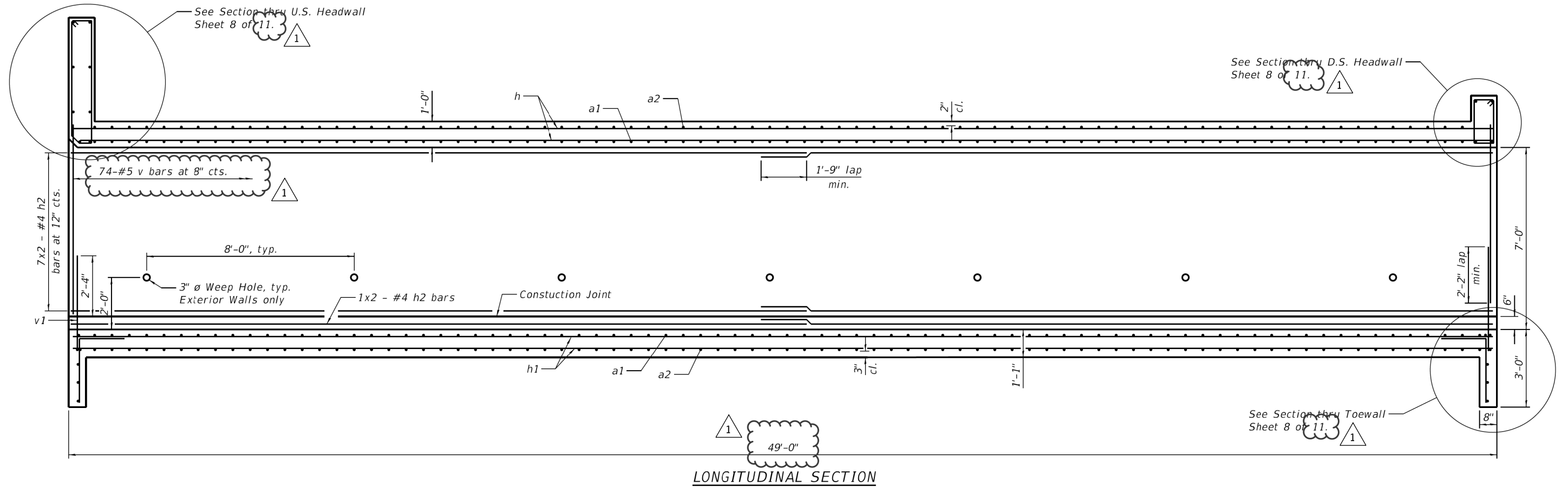
SHEET NO. 4 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	55
			CONTRACT NO. 61168	

ILLINOIS FED. AID PROJECT

MINIMUM BAR LAP

#4 bars = 1'-9"
#5 bars = 2'-2"



LONGITUDINAL SECTION

Notes:
Bars indicated thus 7x2-#4 etc. indicates 7 lines of #4 bars with 2 lengths per line.
At the Contractor's option, a longer v1 bar may be ordered to replace the v bar.
No reduction in quantities shall be made for this substitution.

MRC PROJECT NO. 217700
 MRC PROJ. CONTACT
 FILE NAME: 056-6016-00-R5_Culvert_Wall_Elev.dgn
 PLOT DRIVER: il_def_dwg.plt
 PEN TABLE: plotlabel.tbl



USER NAME = whood	DESIGNED - RAT	REVISED - 1 09/01/23
CHECKED - SLS	REVISIONS - XXX/XXX/XXXX	
PLOT SCALE =	DRAWN - WJH	REVISIONS - XX/XX/XXXX
PLOT DATE = 8/31/2023	CHECKED - AEU	REVISIONS - XX/XX/XXXX

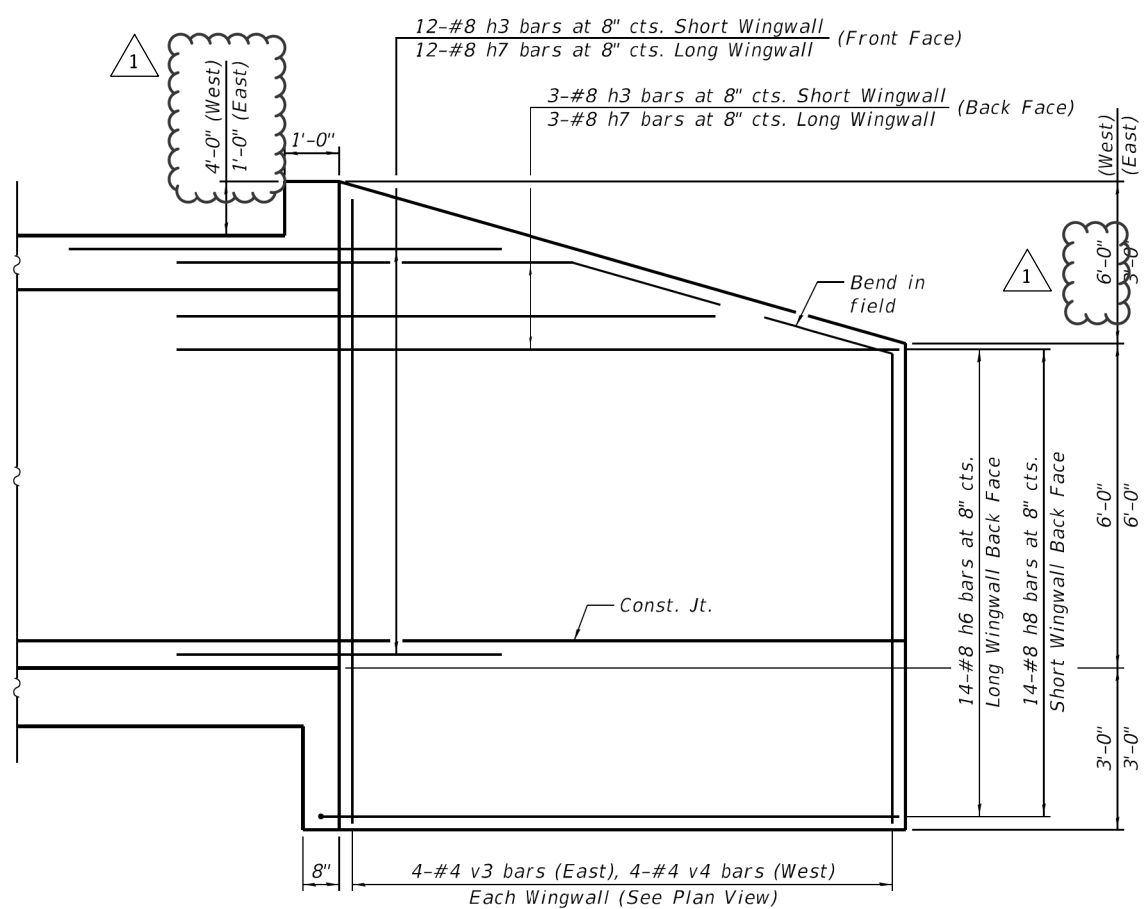
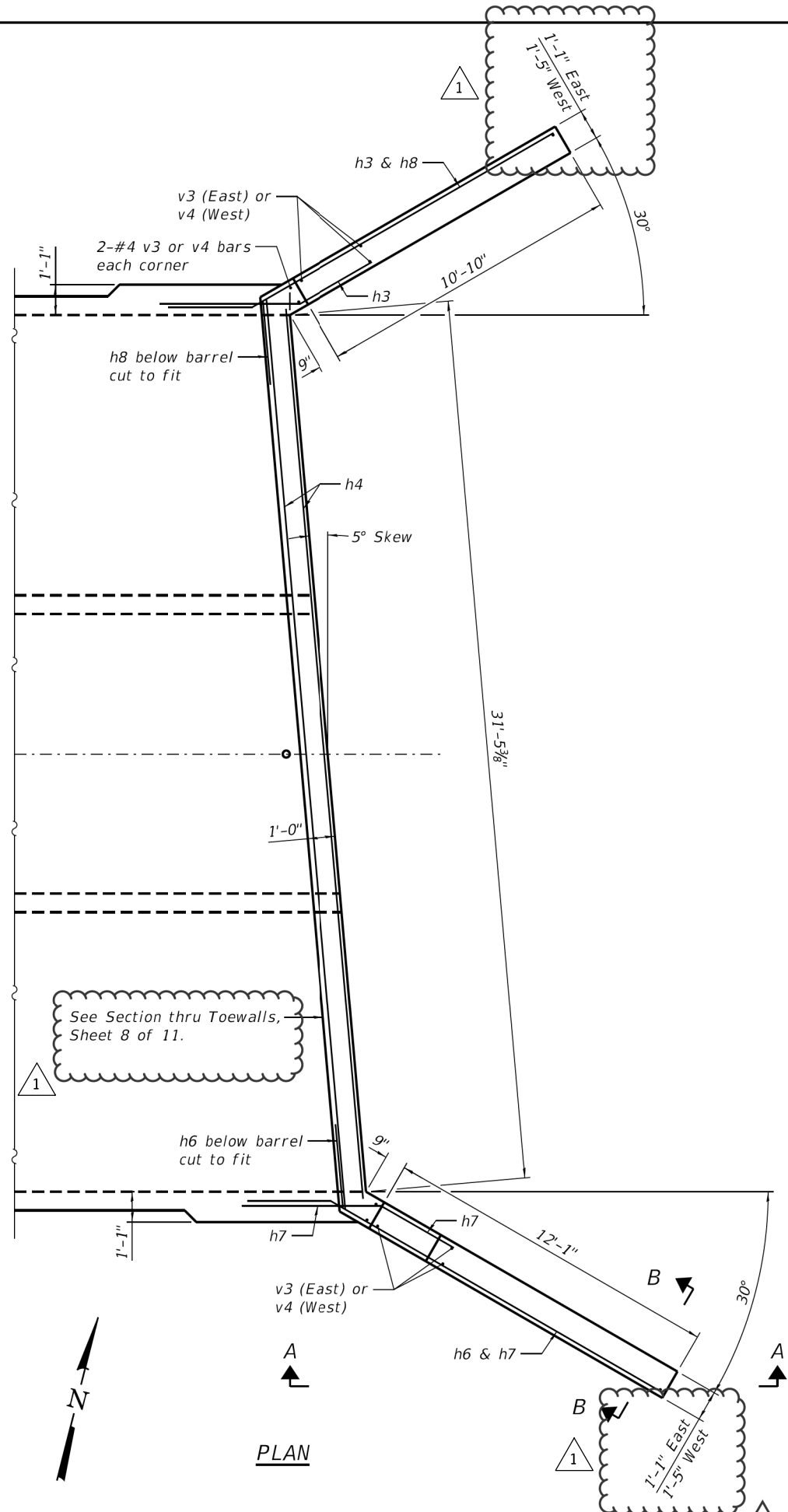
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WALL DETAILS
STRUCTURE NO. 056-6019**

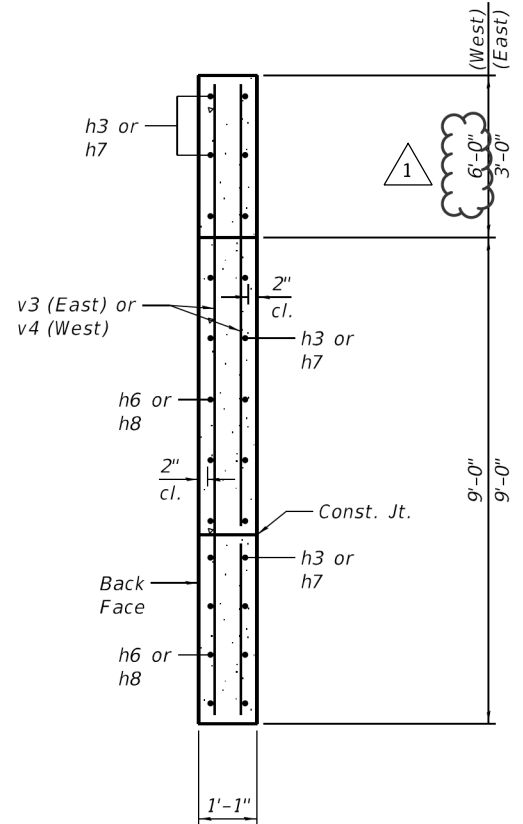
SHEET NO. 5 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	56
			CONTRACT NO. 61168	

ILLINOIS FED. AID PROJECT



SECTION A-A



SECTION B-B

Note:
East wingwalls shown.
West wingwalls similar.

Notes:
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
Bars indicated thus 12x4-#5 etc. indicates 12 lines of #5 bars with 4 lengths per line.
At the Contractor's option, a longer v1 bar may be ordered to replace the v bar.
No reduction in quantities shall be made for this substitution.

HRG PROJECT NO. 217700
HRG PROJ. CONTACT
FILE NAME: 056-6016-006_Culvert_East_Wingwalls.dgn
PLOT DRIVER: il_def_bwpltrfg
PEN TABLE: plctable.tbl



USER NAME =	whood	DESIGNED -	RAT	REVISION	1	09/01/23
CHECKED -	SLS	REVISION	XXXX/XXXX			
PLOT SCALE =		DRAWN -	WJH	REVISION	XX/XX/XXXX	
PLOT DATE =	8/31/2023	CHECKED -	AEU	REVISION	XX/XX/XXXX	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

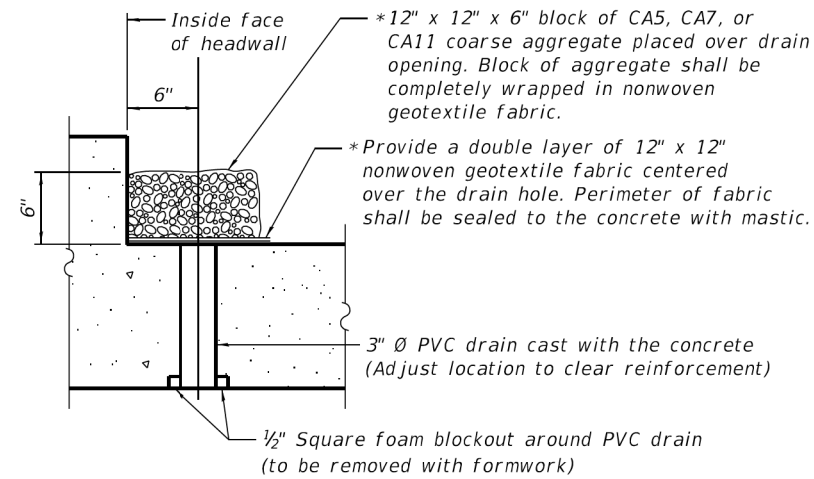
WINGWALL DETAILS
STRUCTURE NO. 056-6019

SHEET NO. 6 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	57
			CONTRACT NO. 61168	

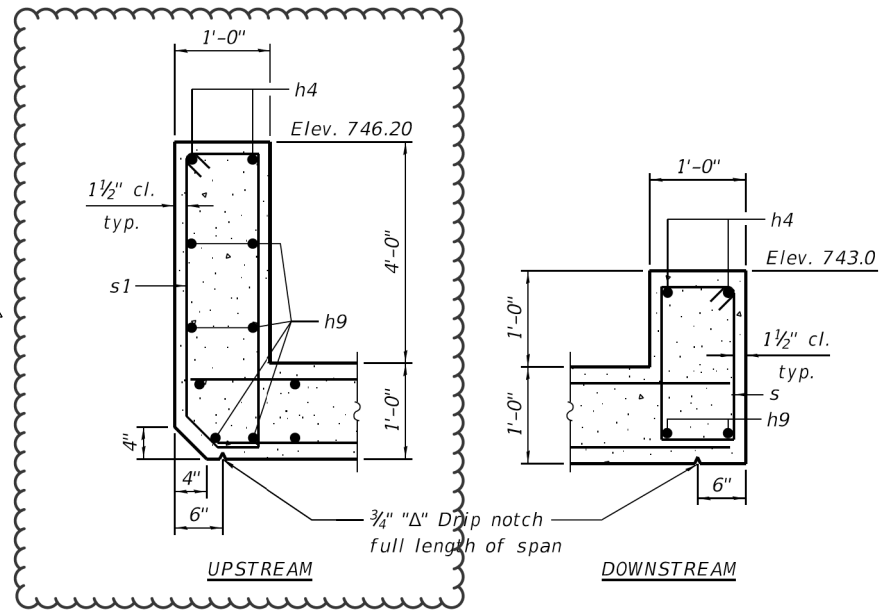
ILLINOIS FED. AID PROJECT

*Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard

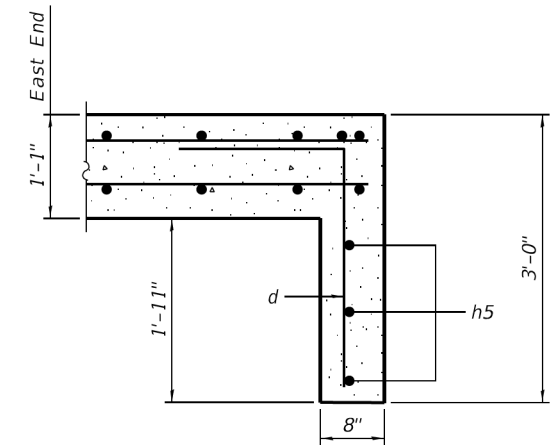


DRAIN DETAIL

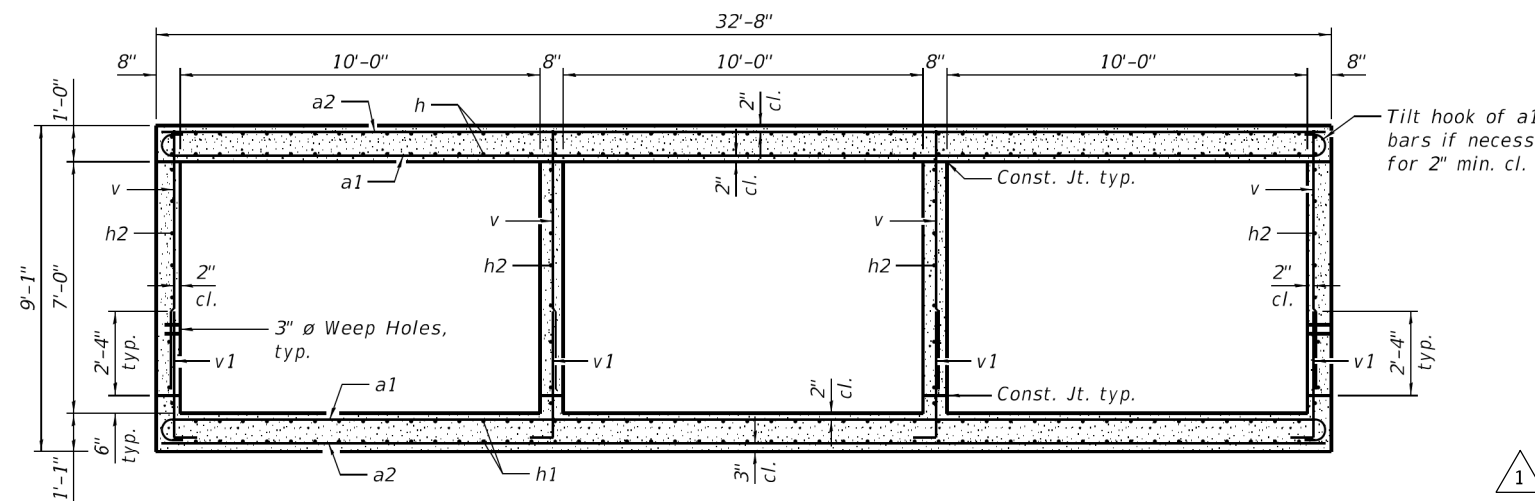
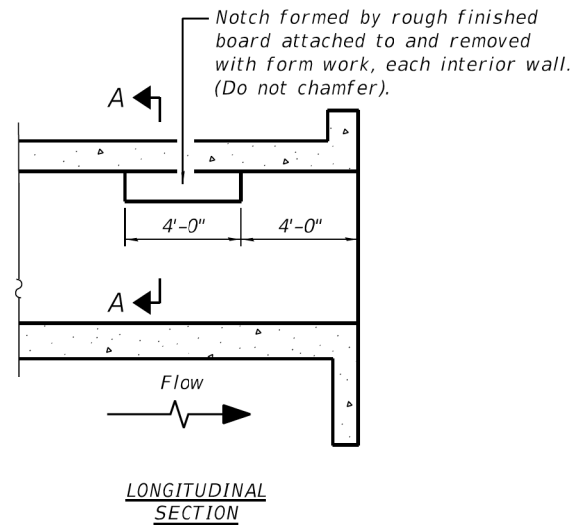
(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)



SECTION THRU HEADWALL



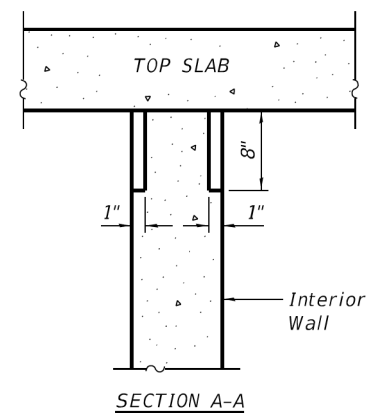
SECTION THRU TOEWALL



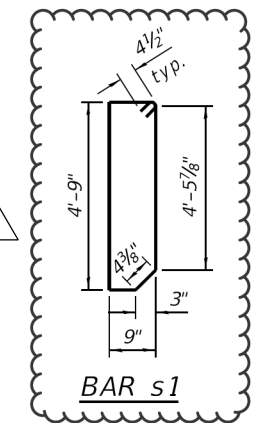
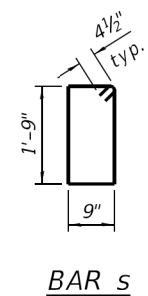
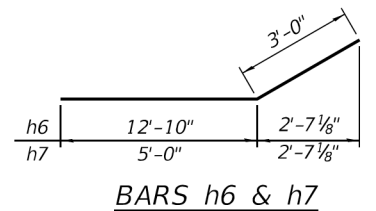
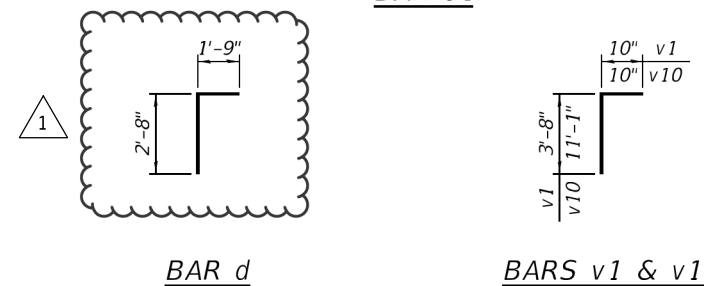
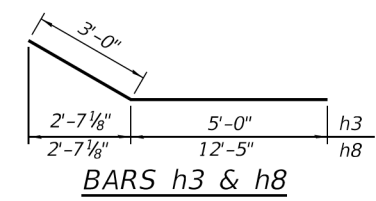
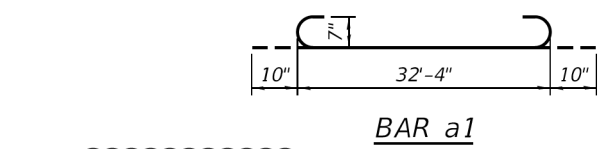
SECTION THRU BARREL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	146	#7	34'-0"	
a2	146	#7	32'-4"	
d	64	#4	4'-5"	
h	132	#5	25'-5"	
h1	132	#5	25'-5"	
h2	64	#4	25'-5"	
h3	30	#8	8'-0"	
h4	4	#7	32'-5"	
h5	6	#5	32'-5"	
h6	28	#8	15'-10"	
h7	30	#8	8'-0"	
h8	28	#8	15'-5"	
h9	8	#6	32'-5"	
s	32	#4	5'-9"	
s1	32	#4	11'-8"	
v	296	#5	7'-2"	
v1	296	#5	4'-6"	
v3	12	#4	11'-8"	
v4	12	#4	14'-8"	
Concrete Box Culverts			Cu. Yd.	197
Reinforcement Bars			Pound	36,740



PHOEBE NESTING SITE DETAILS (Downstream End Only)



HRG PROJECT NO. 217700
HRG PROJ. CONTACT
FILE NAME: 056-6016-008-Culvert_Details.dgn
PLOT DRIVER: il_def_bwplot.ctb
PEN TABLE: pcr/label.tbl

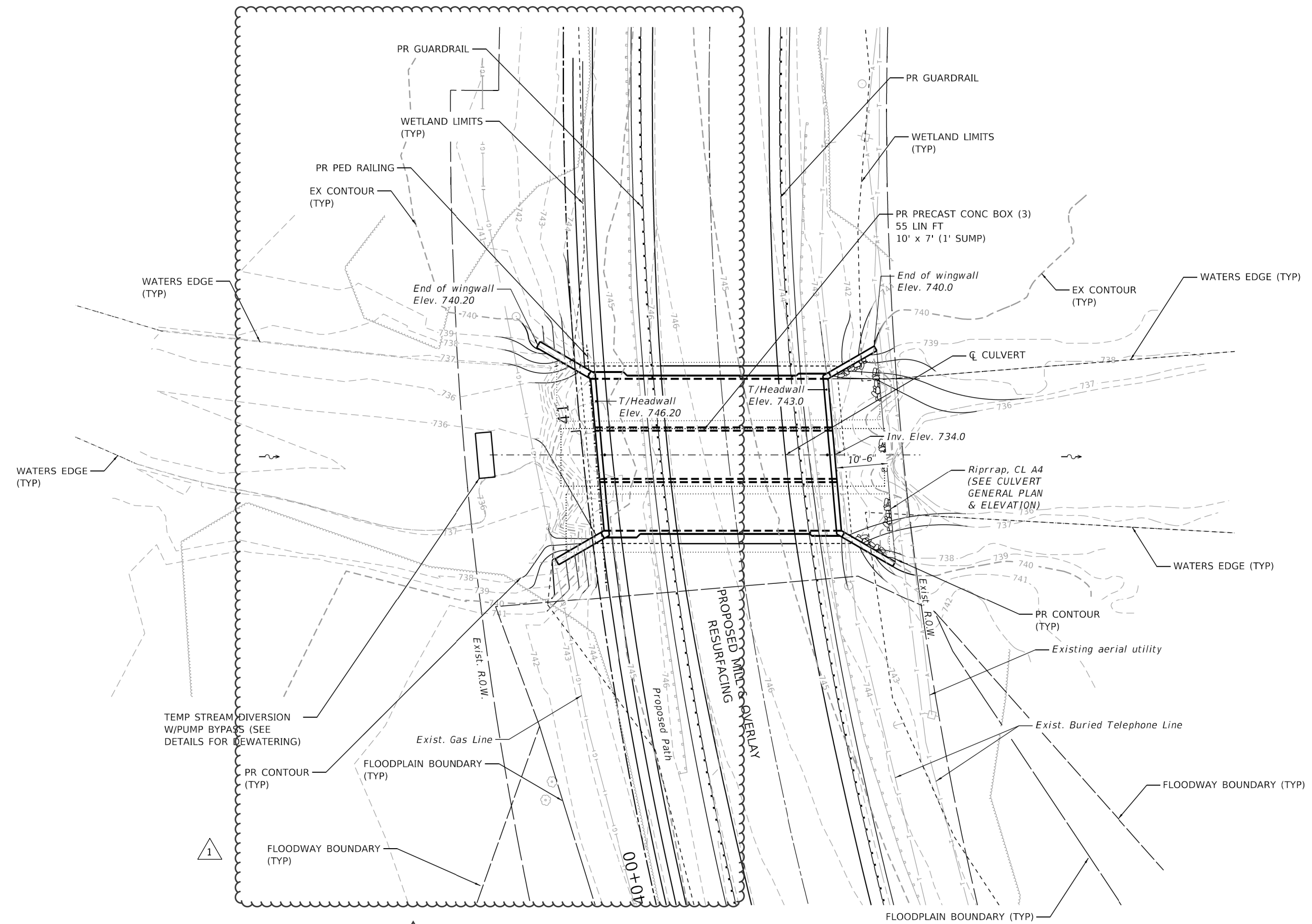
HRGreen.com
Professional Design Firm
#184-001322

USER NAME =	whood	DESIGNED -	RAT	REVISED -	1	09/01/23
CHECKED -	SLS	REVISIONS -				
PLOT SCALE =		DRAWN -	WJH	REVISIONS -		
PLOT DATE =	8/31/2023	CHECKED -	AEU	REVISIONS -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
STRUCTURE NO. 056-6019
SHEET NO. 8 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	59
CONTRACT NO. 61168			ILLINOIS FED. AID PROJECT	



HRG PROJECT NO. 21700
 HRG PROJ. CONTACT:
 FILE NAME: 056-6019-xxx-011-Culvert-Grading.dgn
 CLO: JEN, LSP: JEN, DWG: JEN
 PEN: TABLET, PLOT: JEN



USER NAME = whood	DESIGNED - RAT	REVISED - 1 09/01/23
	DRAWN - SLS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / 1"	CHECKED - WJH	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

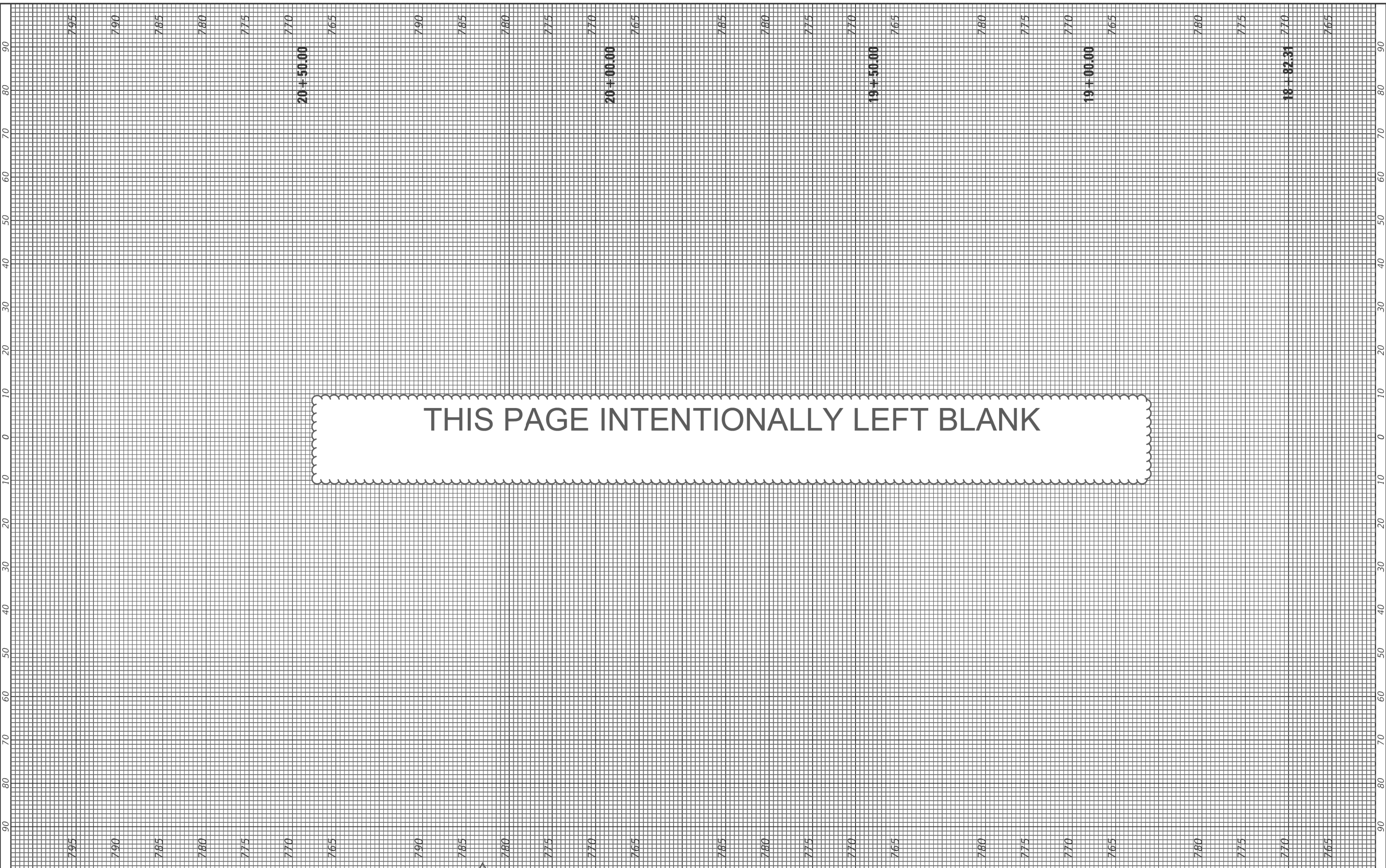
CULVERT GRADING PLAN STRUCTURE NO. 056-6019		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		156	20-00016-00-R5	MCHENRY	87	62
SCALE: 1"=10'		SHEET 11 OF 11 SHEETS		STA.	TO STA.	

CONTRACT NO. 61168		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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE = 8/31/2023
 FILE NAME = F:\10682318\20+50+00-Riverside.dgn



HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XXXX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

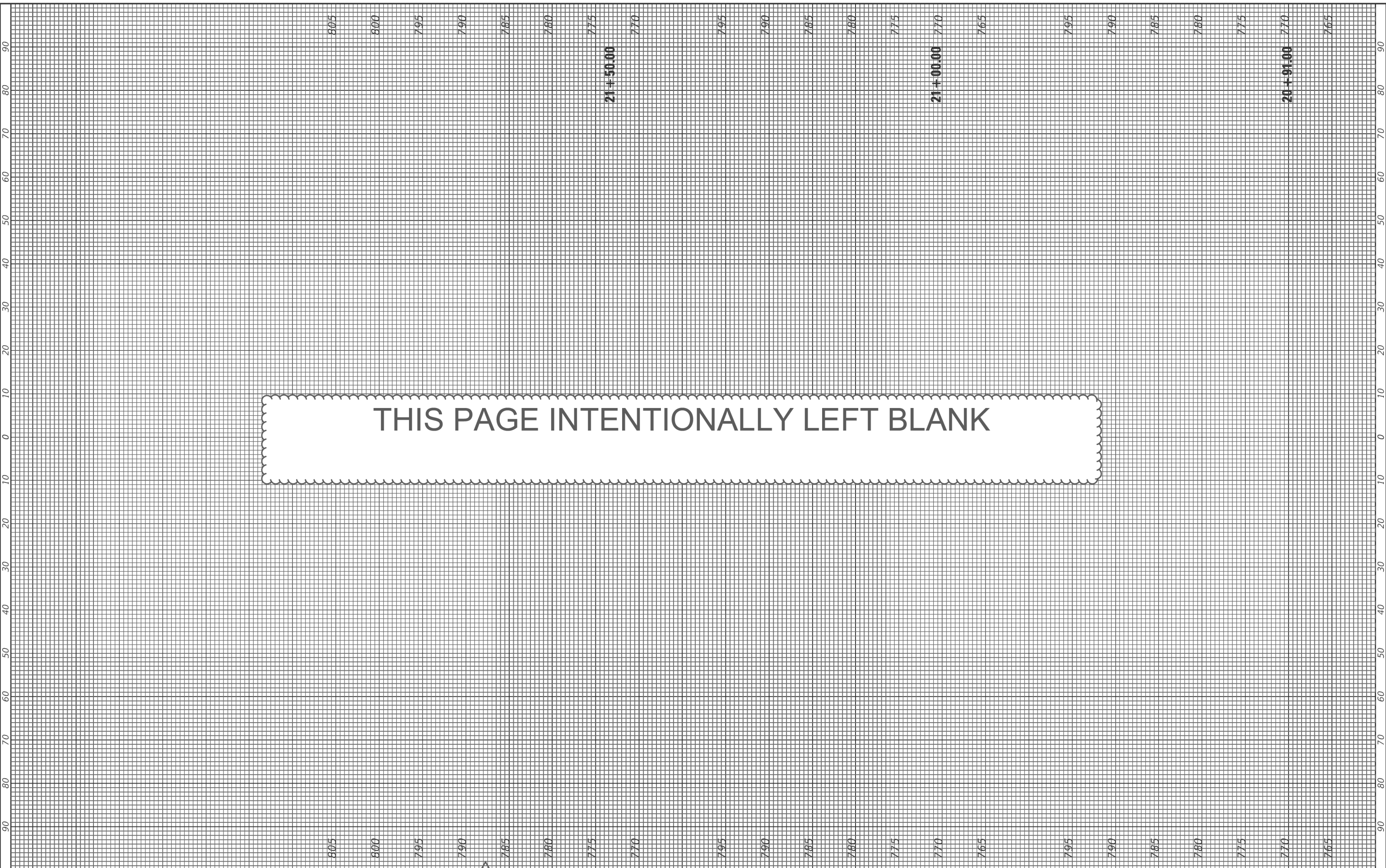
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 1 OF 25 SHEETS STA. 18+82.31 TO STA. 20+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	63
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE = 8/31/2023
 FILE NAME = F:\1082821\Riverside.dgn



HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

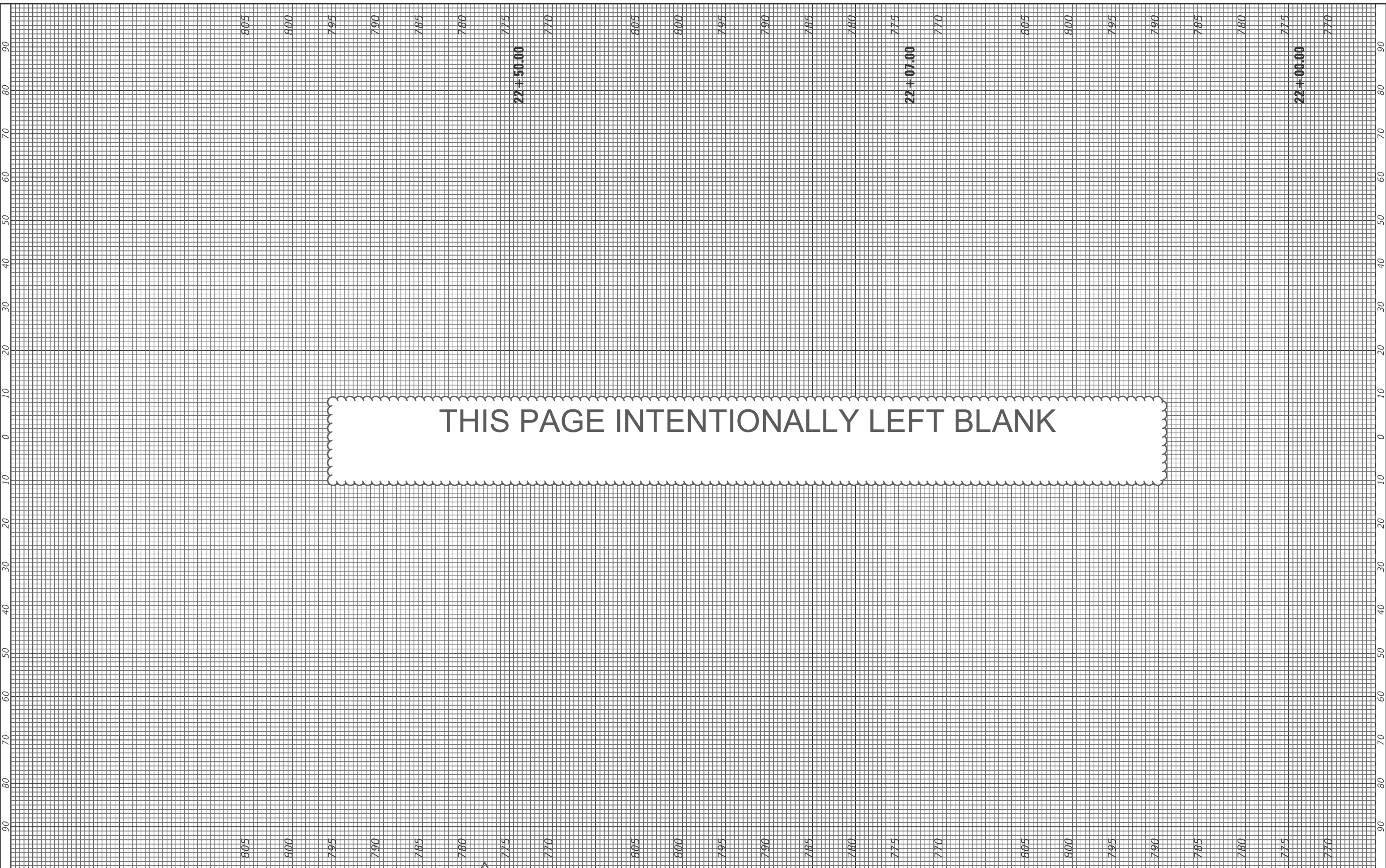
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 2 OF 25 SHEETS STA. 20+91.00 TO STA. 21+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	64
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE = 8/31/2023
 FILE NAME = F:\10682814\20-Riverside.dgn



HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	CHECKED - JJS	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

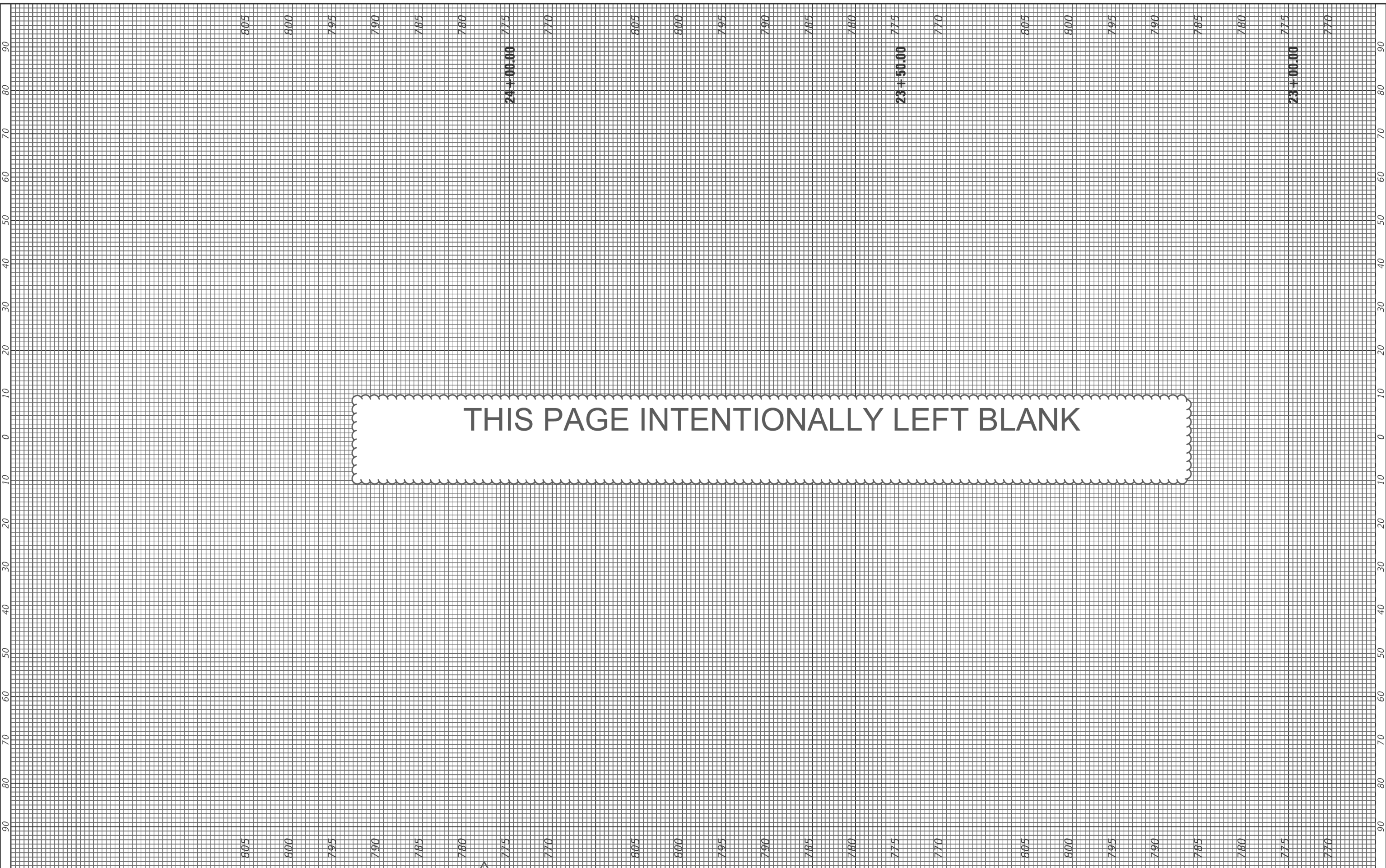
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 3 OF 25 SHEETS STA. 22+00.00 TO STA. 22+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	65
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE = 8/31/2023
 FILE NAME = F:\10682814\23\RiverSide.dgn



HRGreen.com
 ■ Inks Professional Design Firm
 # 184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

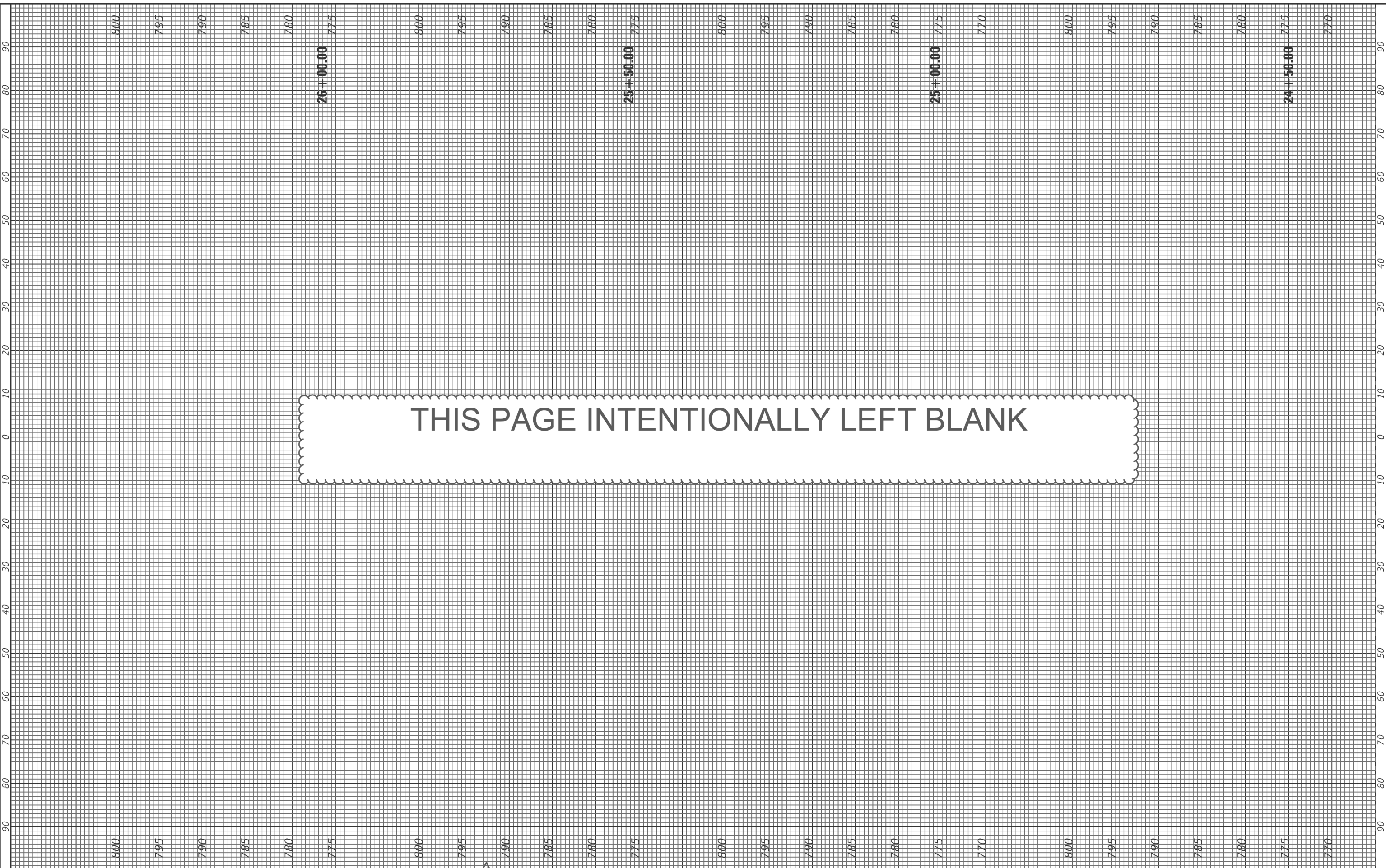
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 4 OF 25 SHEETS STA. 23+00.00 TO STA. 24+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	66
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE = 8/31/2023
 FILE NAME = F:\106282424\Riverside.dgn



THIS PAGE INTENTIONALLY LEFT BLANK

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

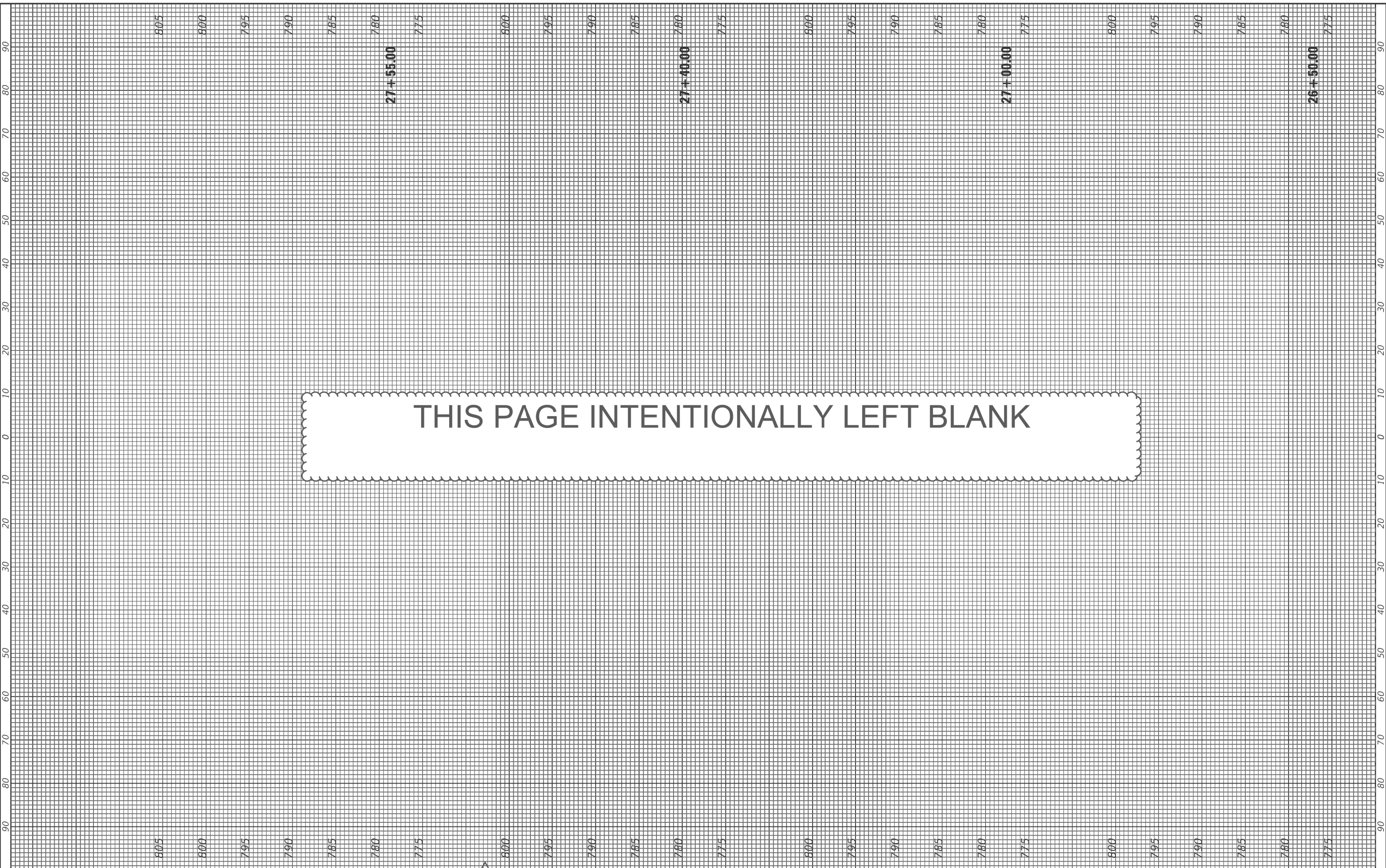
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 5 OF 25 SHEETS STA. 24+50.00 TOTAL STA. 26+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	67
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE = 8/31/2023
 FILE NAME = F:\10628242\Riverside.dgn



HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	CHECKED - JJS	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

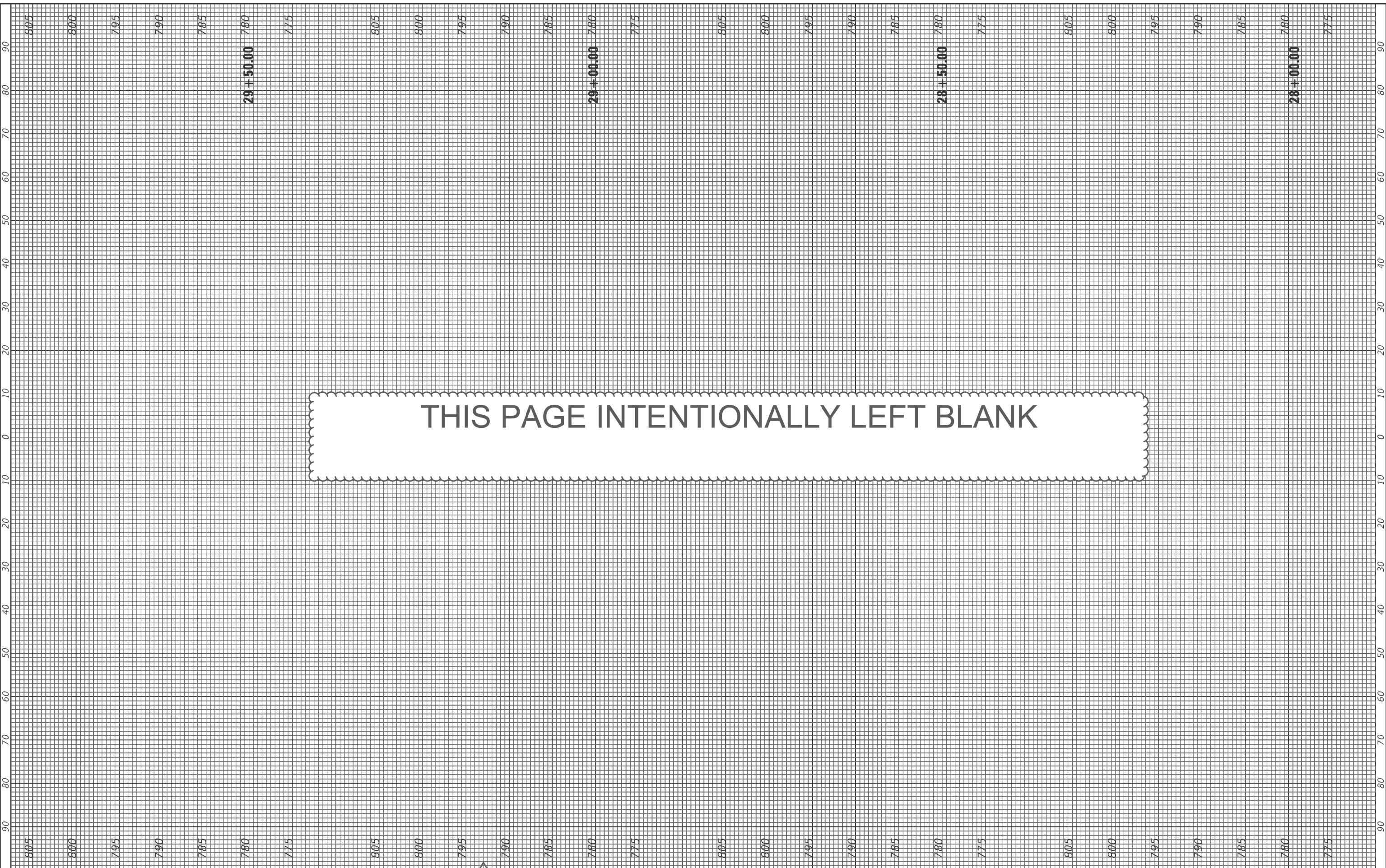
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 6 OF 25 SHEETS STA. 26+50.00 TO STA. 27+55.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	68
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE: 8/31/2023
 FILE: \\hrge\proj\21700\00-00-R5-Riverside.dgn



THIS PAGE INTENTIONALLY LEFT BLANK

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

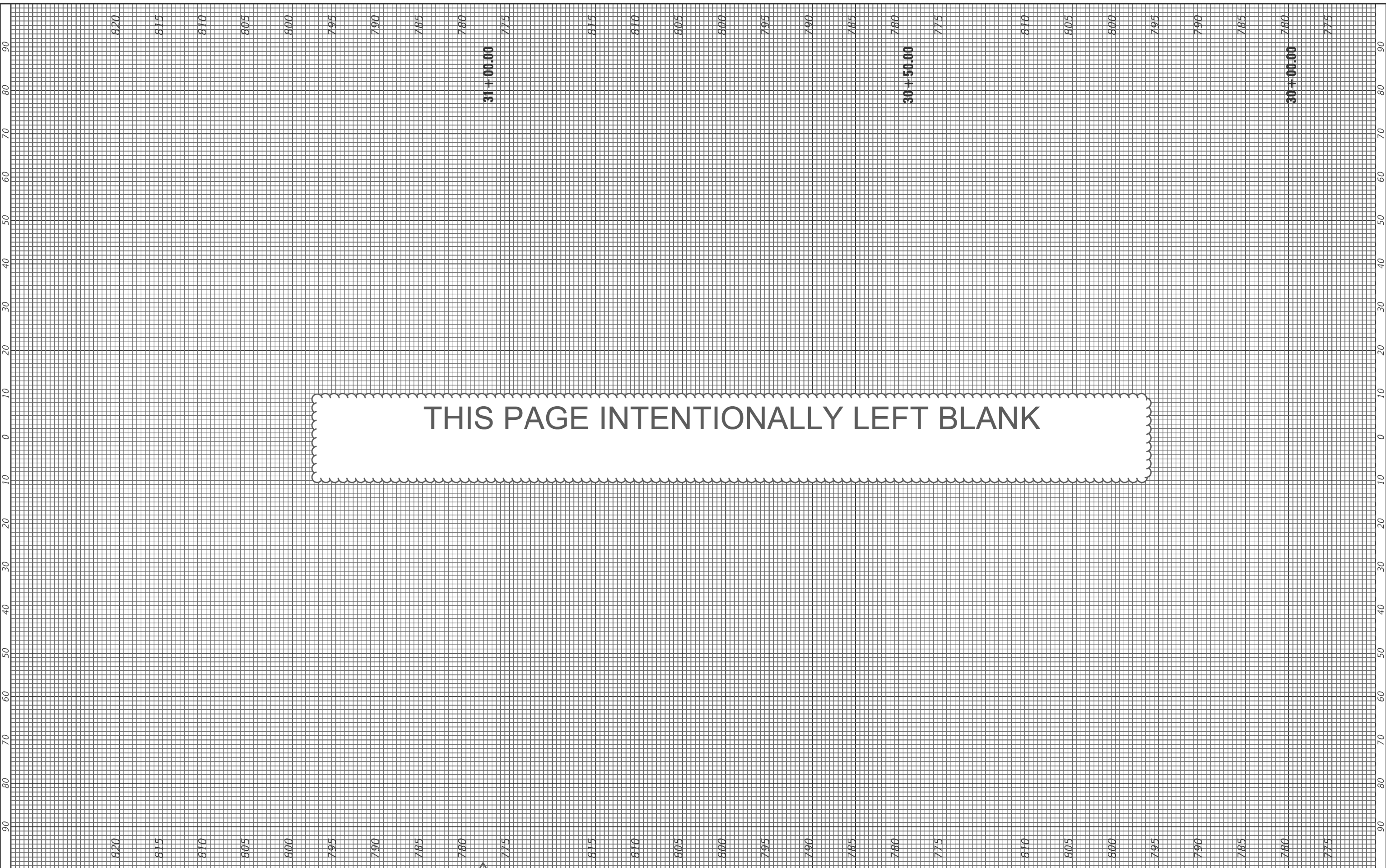
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 7 OF 25 SHEETS STA. 28+00.00 TO STA. 29+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	69
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE = 8/31/2023
 FILE NAME = F:\10682814\2023\RiverSide.dgn



THIS PAGE INTENTIONALLY LEFT BLANK

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

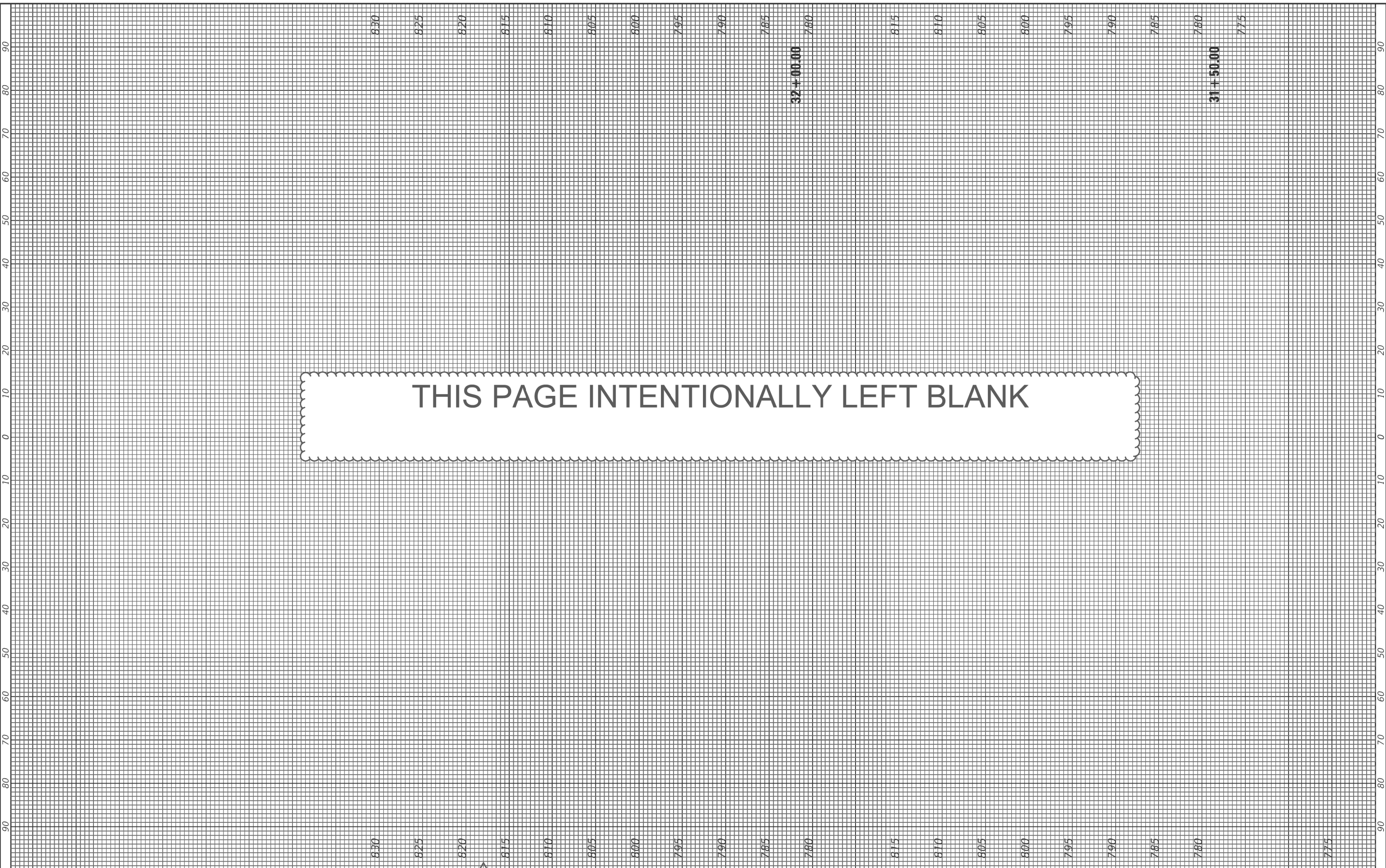
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 8 OF 25 SHEETS STA. 30+00.00 TO STA. 31+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	70
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE = 8/31/2023
 FILE NAME = F:\106282814\20-Riverside.dgn



HRGreen.com
 HRGreen Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	CHECKED - JJS	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

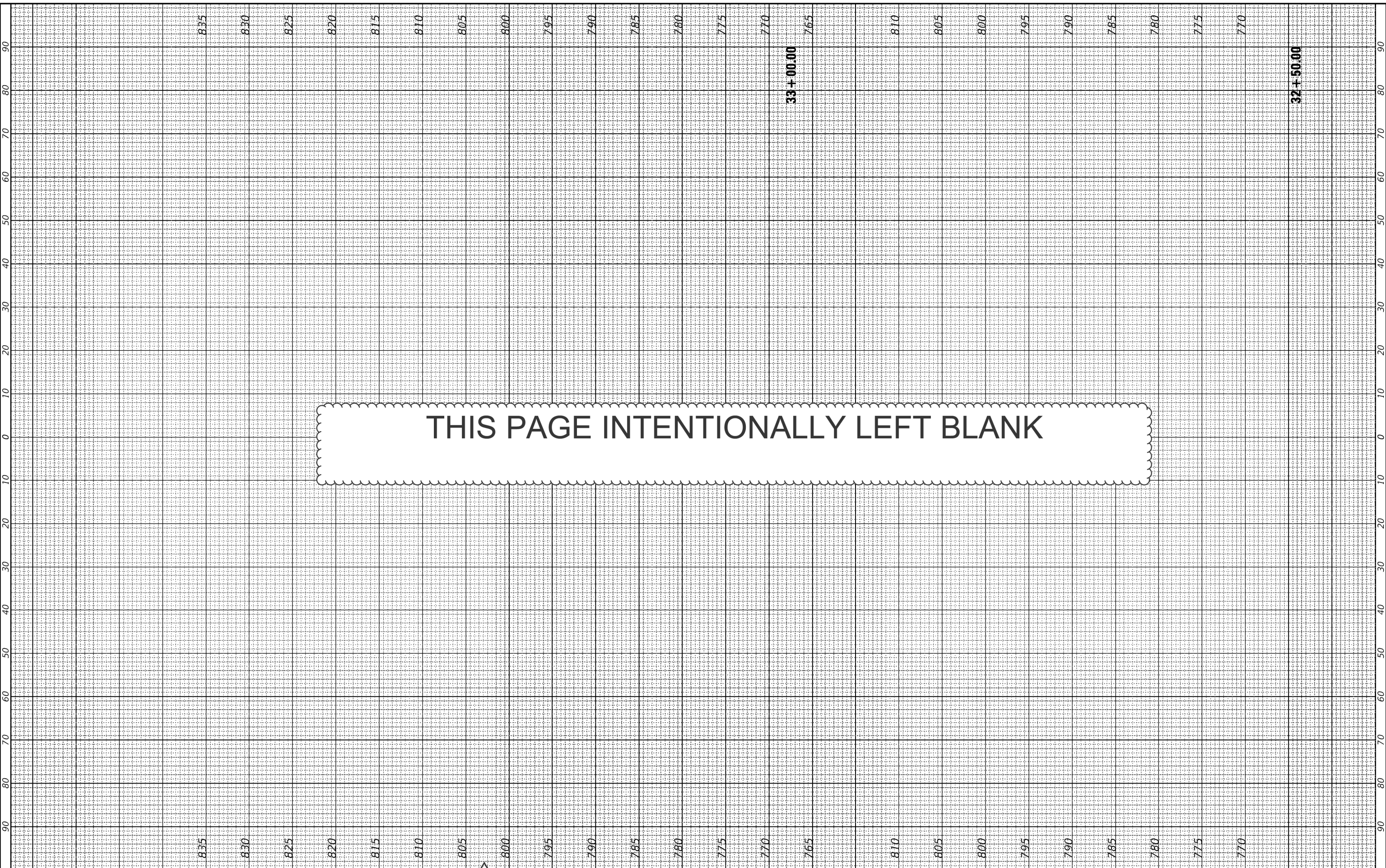
SCALE: 10H:5V	SHEET 9	OF 25 SHEETS	STA. 31+50.00	TOTO STA. 32+00.00
---------------	---------	--------------	---------------	--------------------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	71
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 FILE NAME: F:\1082816-Riverside.dgn



HRGreen.com
 #184-001322
 Illinois Professional Design Firm

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	CHECKED - JJS	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

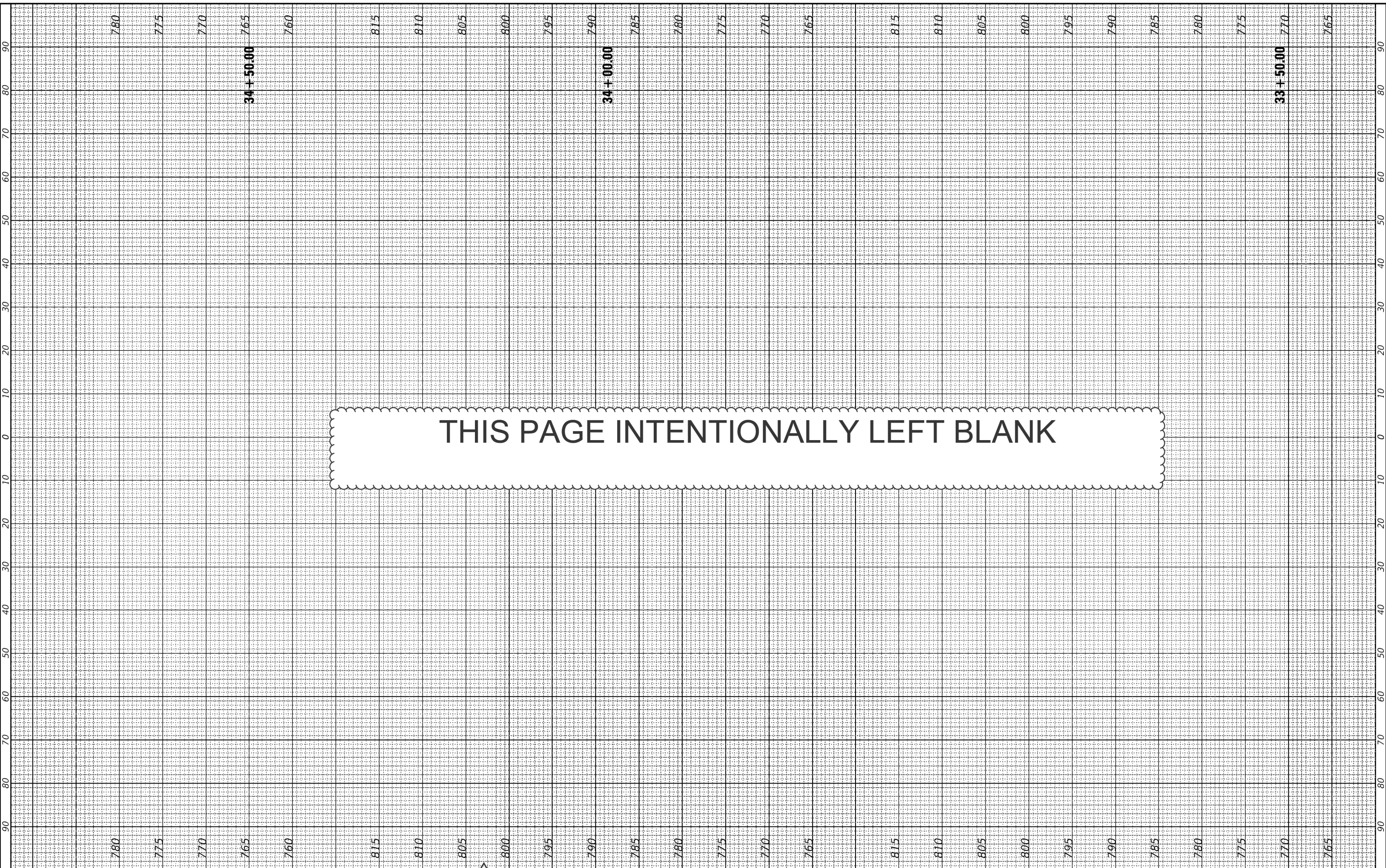
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 10 OF 25 SHEETS STA. 32+50.00 TO STA. 33+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	72
			CONTRACT NO. 61168	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE = 8/31/2023
 FILE NAME: F:\106264\106264-Riverside.dgn



THIS PAGE INTENTIONALLY LEFT BLANK

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

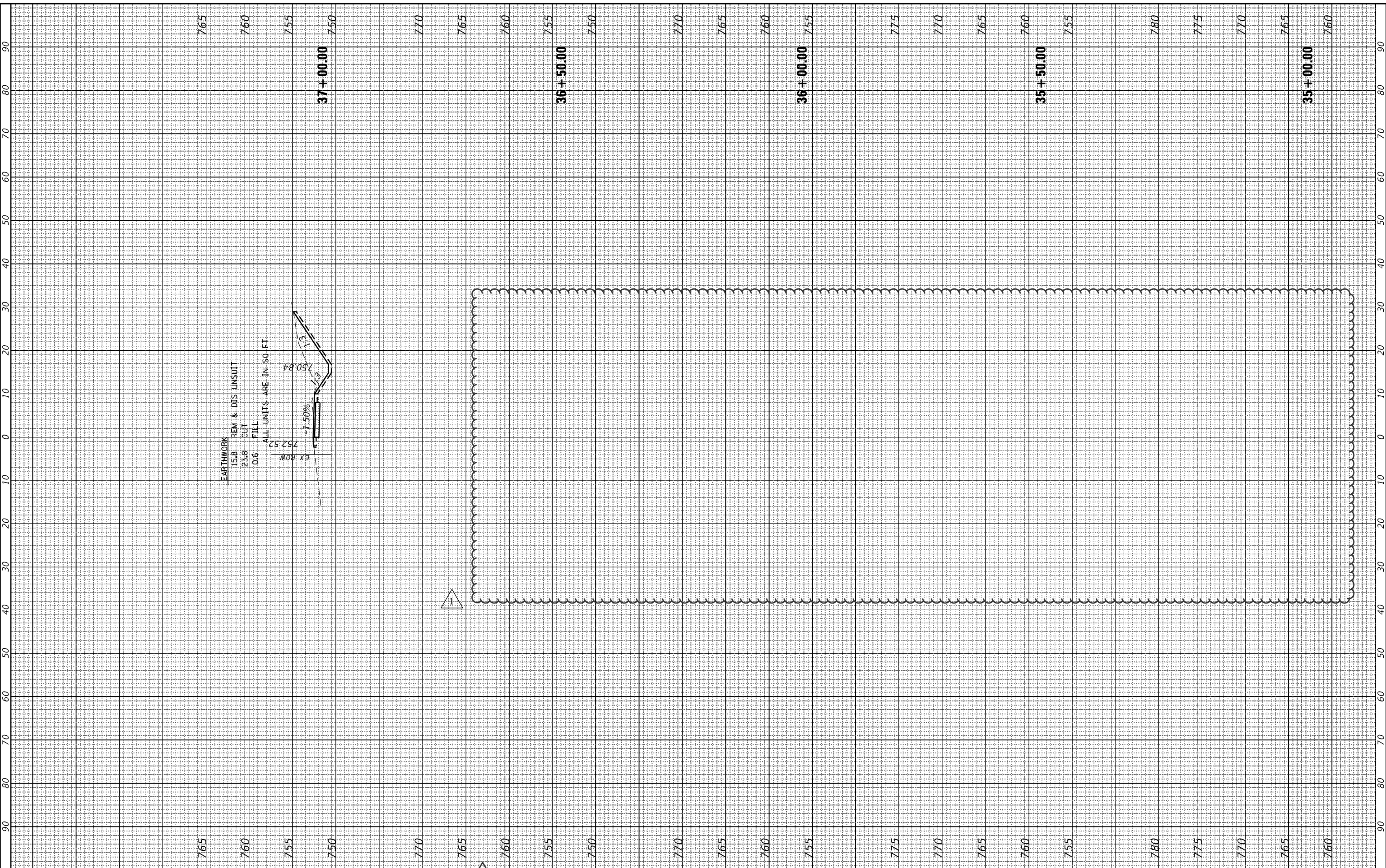
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 11 OF 25 SHEETS STA. 33+50.00 TO STA. 34+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	73
			CONTRACT NO. 61168	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 FILE NAME: F:\10828\16-Riverside.dgn



HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 10H:5V		SHEET 12	OF 25 SHEETS	STA. 35+00.00	TOTO STA. 37+00.00
---------------	--	----------	--------------	---------------	--------------------

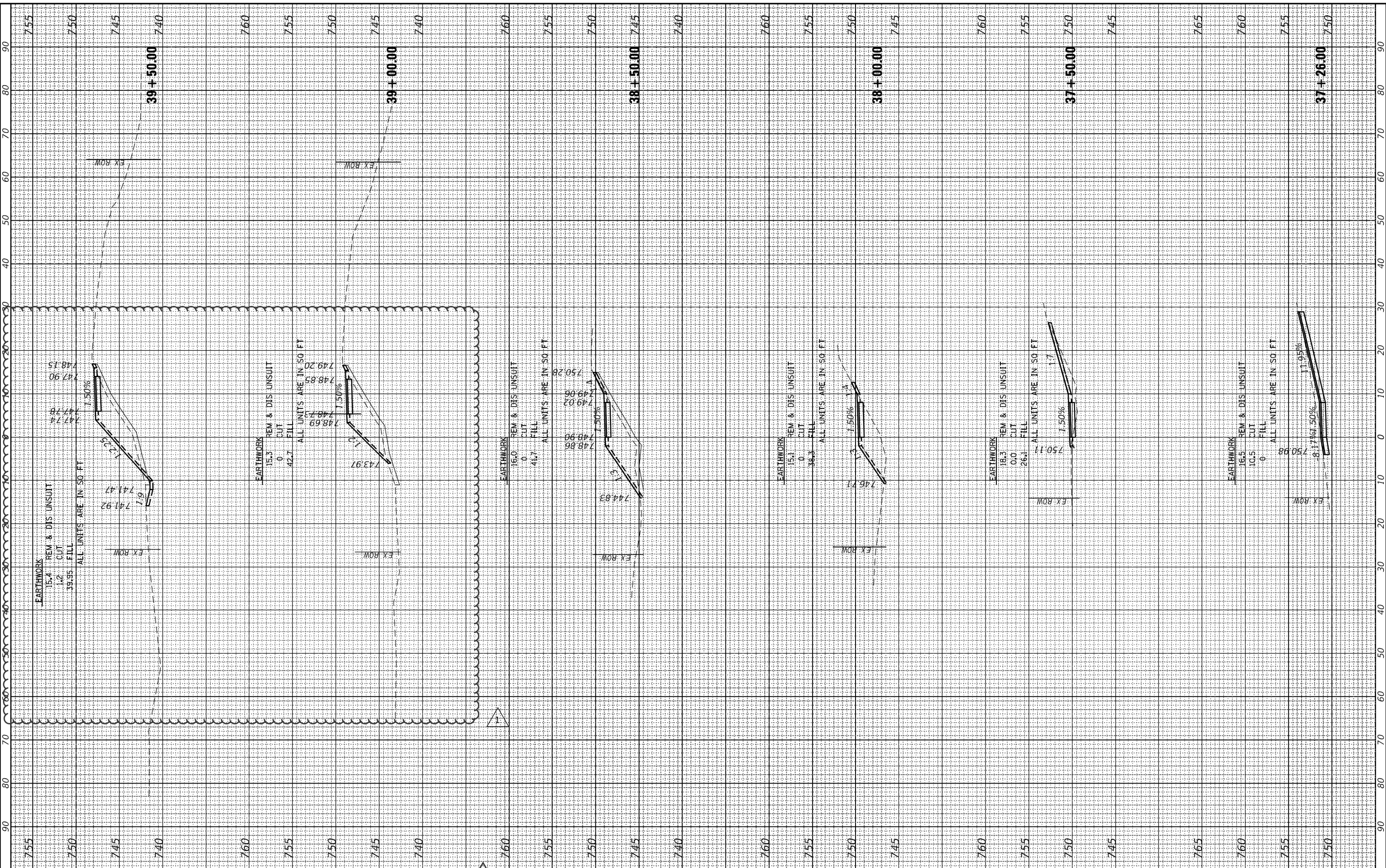
**CROSS SECTIONS
 RIVERSIDE DRIVE**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	74
			CONTRACT NO.	61168
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		

HRG PROJECT NO. 21700
 HRG PROJ. CONTACT
 FILE NAME: F:\10282614\RiverSide.dgn



HRGreen.com	USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
184s Professional Design Firm		DRAWN - DMS	REVISED - XXXX/XXXX
#184-001322		CHECKED - JJS	REVISED - XX/XX/XXXX
		DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

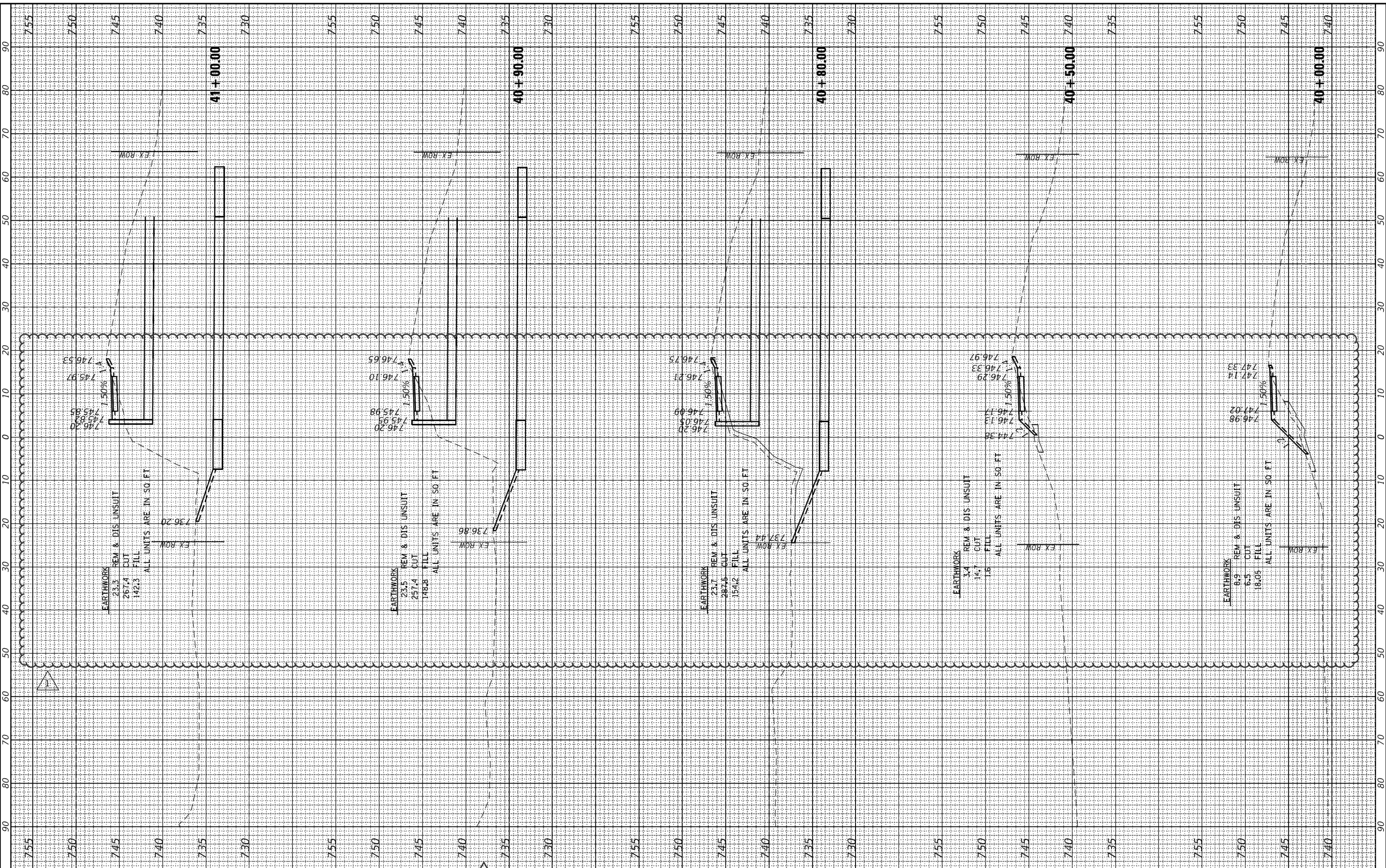
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 13 OF 25 SHEETS STA. 37+26.00 TO STA. 39+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	75
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61168	

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

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

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 FILE NAME: 21700-00-R5-Riverside.dgn
 PLOT DATE: 8/31/2023
 PLOT SCALE: 20.0000' / in.



HRGreen.com
 HRGreen
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

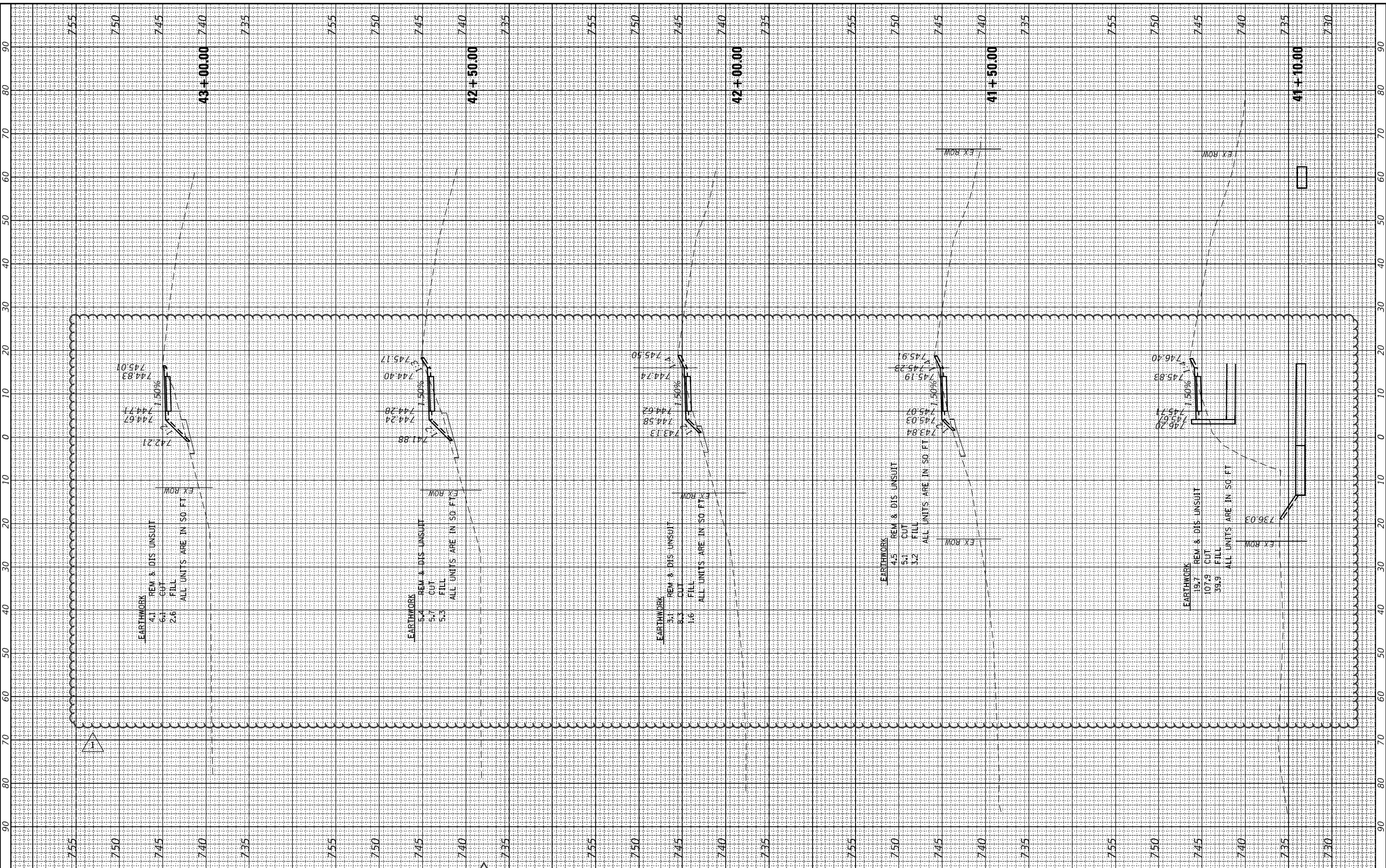
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 14 OF 25 SHEETS STA. 40+00.00 TO STA. 41+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	76
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61168	

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

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

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 PLOT DATE 8/31/2023
 FILE NAME: 21700-00-R5-Riverside.dgn



HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XXXX/XXXX
PLOT SCALE = 20.0000" / 1'	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

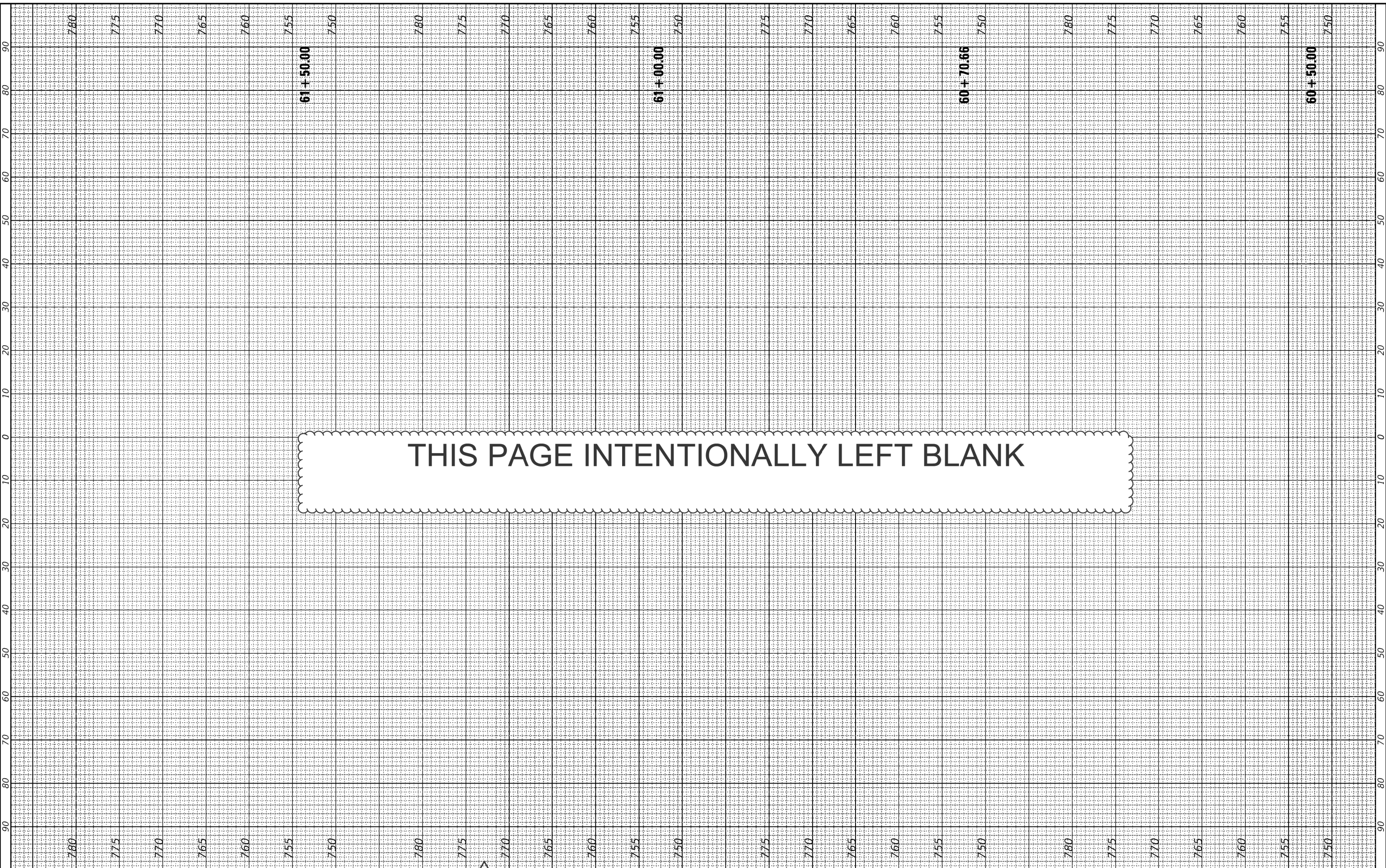
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 15 OF 25 SHEETS STA. 41+10.00 TO STA. 43+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	77
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61168	

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

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

HRG PROJECT ID: 21700
 HRG PROJ CONTACT:
 PLOT DATE: 8/31/2023
 FILE NAME: F:\1082816-Riverside.dgn



THIS PAGE INTENTIONALLY LEFT BLANK

HRGreen.com
 HRGreen Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - MLZ	REVISED - 1 09/01/23
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED - JJS	REVISED - XX/XX/XXXX
PLOT DATE = 8/31/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

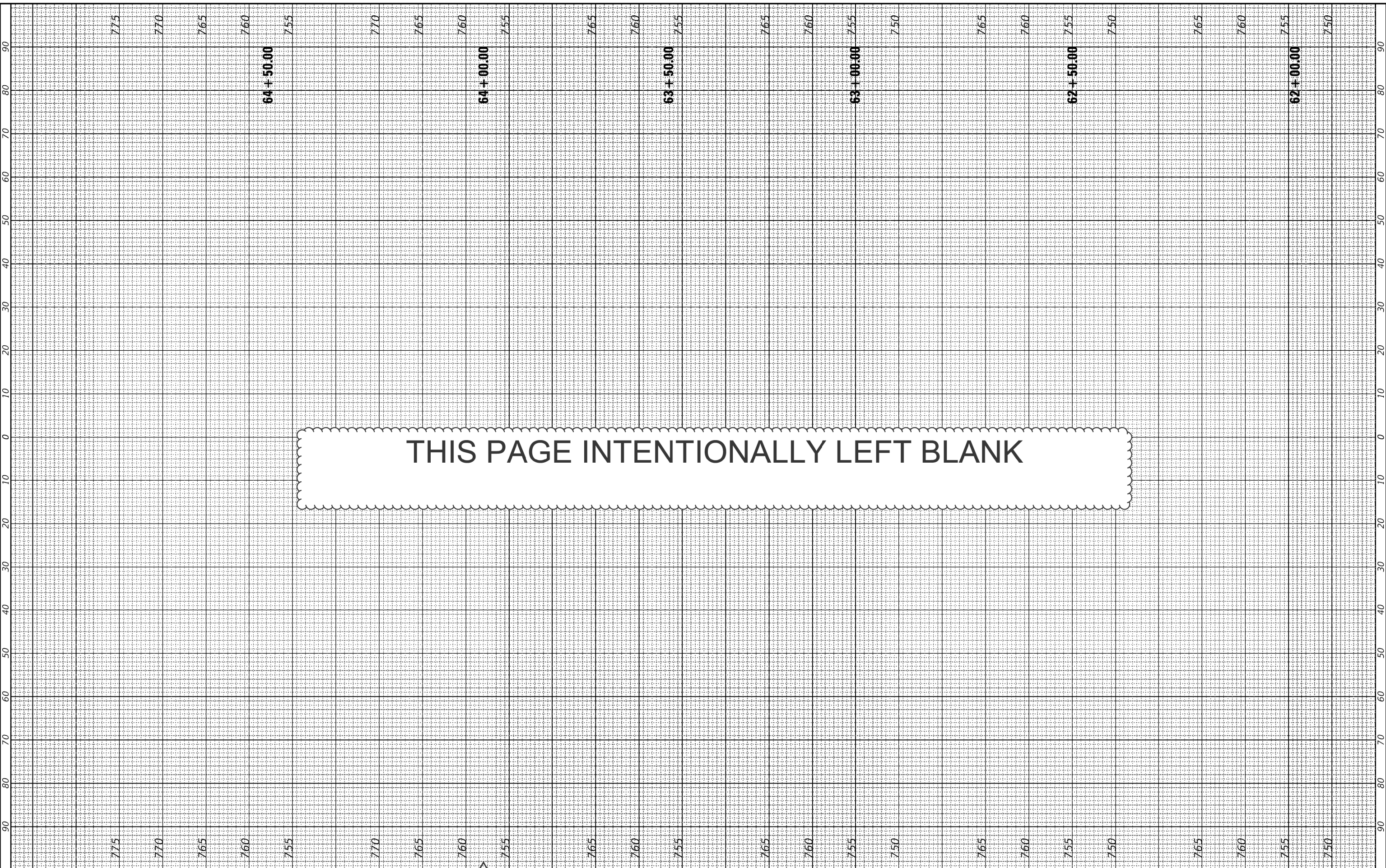
CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 24 OF 25 SHEETS STA. 60+50.00 TO STA. 61+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	86
			CONTRACT NO. 61J68	
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		

HRG PROJECT NO. 21700
 HRG PROJ CONTACT
 FILE NAME: F:\10828\16-Riverside.dgn



THIS PAGE INTENTIONALLY LEFT BLANK

HRGreen.com
 HRGreen
 Illinois Professional Design Firm
 # 184-001322

USER NAME = jstrzal	DESIGNED - MLZ
PLOT SCALE = 20.0000' / in.	DRAWN - DMS
PLOT DATE = 8/31/2023	CHECKED - JJS
	DATE -

REVISED - 1 09/01/23
REVISED - XX/XX/XXXX
REVISED - XX/XX/XXXX
REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS RIVERSIDE DRIVE	
SCALE: 10H:5V	SHEET 25 OF 25 SHEETS STA. 62+00.00 TO STA. 64+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
156	20-00016-00-R5	MCHENRY	87	87
			CONTRACT NO. 61168	
ILLINOIS FED. AID PROJECT				