

03-08-2024 LETTING ITEM 134

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS SEE SHEET NO. 2

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY**

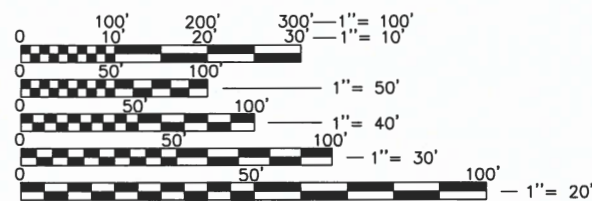
**FAU ROUTE 0163 FISH LAKE ROAD
 FROM IL 120 (BELVIDERE RD)
 TO NIPPERSINK ROAD
 RESURFACING/PATH IMPROVEMENTS
 SECTION: 15-08113-05-CH
 PROJECT: HVQH(429)
 VILLAGE OF VOLO
 LAKE COUNTY
 C-91-417-15**

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	1
CONTRACT #:			61K10	
ILLINOIS FED. AID PROJECT				



TRAFFIC DATA

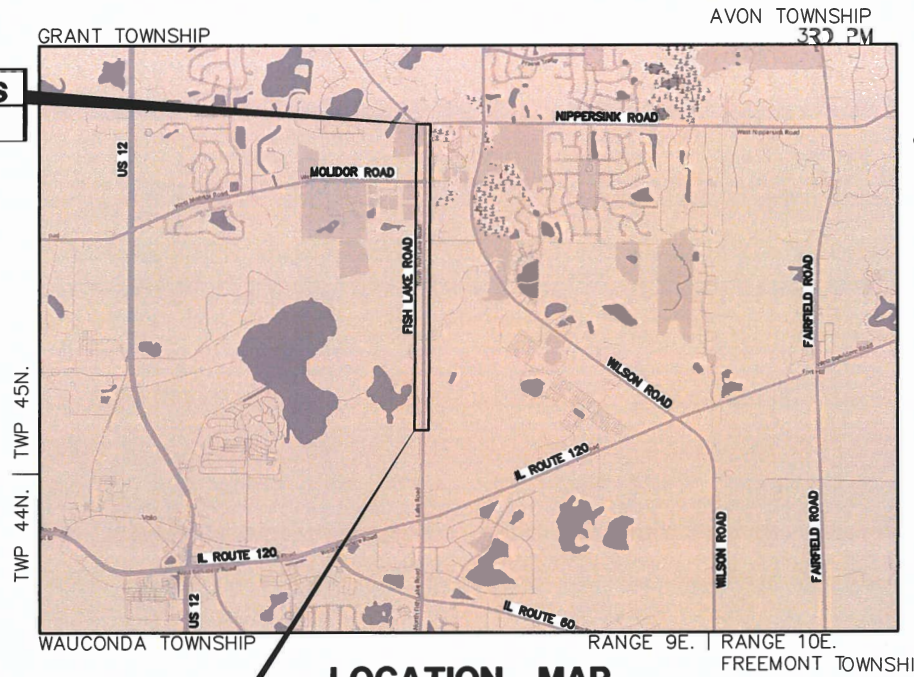
ROAD NAME: FISH LAKE ROAD
 FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
 POSTED SPEED LIMIT: 30 MPH
 DESIGN SPEED: 35 MPH
 ADT: 3,400 (2019)



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

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

**END IMPROVEMENTS
 STA. 99+17.05**



LOCATION MAP
 (Not to Scale)

**BEGIN IMPROVEMENTS
 STA. 33+10.29**

GROSS LENGTH = 6,606.86 FEET = (1.251 MILES)
 NET LENGTH = 6,606.86 FEET = (1.251 MILES)

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

SIGNED: *Mark G. F. Cobb*
 MARK G. F. COBB, P.E.
 LICENSE NO. 062-067573
 PROFESSIONAL ENGINEER
 STATE OF ILLINOIS

DATE: DECEMBER 18, 2023
 ILLINOIS LICENSE NO.: 062-067573
 EXPIRATION DATE: NOVEMBER 30, 2025
GHA GEWALT HAMILTON ASSOCIATES, INC.
 625 Forest Edge Drive ■ Vernon Hills, IL. 60061
 TEL 847.478.9700 ■ FAX 847.478.9701
 GHA JOB #: 5867.200

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

Approved: *Michael J. May*
 DECEMBER 18, 2023
 Village of Volo, Village Administrator

Passed: *1-2-2024*
C. H. Sale
 Distric One Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *January 3, 2024*
Joel Rios
 Regional Engineer

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

CONTRACT NO. 61K10

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STATE STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-07	PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE B
604051-04	FRAME AND GRATE TYPE 11
606001-08	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
664001-02	CHAIN LINK FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD, MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
729001-01	APPLICATIONS OF TYPE A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

DISTRICT ONE DETAILS

BD-03	OUTLET FOR CONCRETE CURB AND GUTTER
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1 2022, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1 2024, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.
- EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK.
- ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
- IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL CONTRACTORS PERSONNEL EMPLOYED ON THE WORK SITE. THE FACILITIES SHALL BE MAINTAINED IN PROPER SANITARY CONDITION THROUGHOUT THE PROJECT. THE LOCATION OF THE TEMPORARY FACILITIES SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.
- ANY PROPOSED ACTIVITY IN THE VICINITY OF A HIGHWAY-RAIL GRADE CROSSING MUST ADHERE TO THE GUIDELINES SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) UNDER SECTION 6G.18: WORK IN THE VICINITY OF A GRADE CROSSING WHICH STATES: "WHEN GRADE CROSSINGS EXIST EITHER WITHIN OR IN THE VICINITY OF A TTC ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR VIA EMAIL AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, FADI SULTAN, VIA EMAIL AT FUDI.SULTAN@ILLINOIS.GOV
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
- PER THE SPECIFICATIONS FOR SEGMENTAL CONCRETE BLOCK WALL, THE WALL SUPPLIER SHALL SUBMIT DESIGN COMPUTATIONS AND SHOP PLANS TO THE ENGINEER FOR REVIEW. NO WORK OR ORDERING OF MATERIALS FOR THE STRUCTURE SHALL BE DONE BY THE CONTRACTOR UNTIL THE SUBMITTAL HAS BEEN APPROVED IN WRITING BY THE ENGINEER.
- SEGMENTAL CONCRETE BLOCK WALL SUPPLIER SHALL PROVIDE DETAILS REQUIRED FOR CONSTRUCTION OF THE PROPOSED WALLS. ALL SEGMENTAL CONCRETE BLOCK WALL DETAILS SHOWN IN THESE PLANS ARE CONCEPTUAL AND ARE TO BE USED FOR ESTIMATING PURPOSES ONLY. ACTUAL DETAILS WILL DEPEND ON THE PROPOSED WALL SYSTEM SUBMITTED BY THE CONTRACTOR. DETAILS FOR WALL CURVES, PIPE PENETRATIONS, DRAINAGE STRUCTURES OR TREES BEHIND WALLS OR OTHER MISCELLANEOUS DETAILS SHALL BE PROVIDED BY THE WALL SUPPLIER.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT-OF-WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07, REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL, REQUIREMENTS STATED HEREIN.
- EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.
- PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED. A PHOSPHORUS-FREE FERTILIZER IN THAT AREA SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).

- TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIPLINE OF THE TREES, SHRUBS, AND LANDSCAPED BEDS WITHIN THE LIMITS OF CONSTRUCTION DESIGNATED TO REMAIN TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND -NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES, AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.
- CONTACT LAKE COUNTY PUBLIC WORKS (LCPW) AT 847-377-7500 A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- LAKE COUNTY PUBLIC WORKS SHALL BE GRANTED ACCESS TO ALL PARTS OF THE CONSTRUCTION SITE AND SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND/OR REJECT ALL SANITARY SEWER AND SANITARY SERVICE IMPROVEMENTS.
- LAKE COUNTY PUBLIC WORKS SHALL BE INVITED TO THE PRE-CONSTRUCTION MEETING. PLEASE CONTACT TOM MILES, PRINCIPAL ENGINEER, 847-377-7150, TMILES@LAKECOUNTYIL.GOV

UTILITY NOTES

- MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES USING A CORE DRILL. HAMMERING OR SAWING OF STRUCTURES WILL NOT BE ALLOWED.
- ALL CONNECTIONS TO EXISTING OR DISSIMILAR STORM/SANITARY LINES SHALL BE DONE WITH STAINLESS STEEL NON-SHEAR COUPLINGS.
- STONE BEDDING AND BACKFILL SHALL BE OMITTED FOR A DISTANCE OF 15 FEET UP AND DOWNSTREAM OF SEWERS DRAINING TO OR FROM PONDS OR STREAMS. THE REPLACED BEDDING SHALL BE SILTY CLAY SOIL MECHANICALLY COMPACTED TO 90% MODIFIED PROCTOR DENSITY. THE USE OF PERMEABLE SOILS WILL NOT BE PERMITTED.

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

IDNR COMMITMENTS

- GOOD HOUSEKEEPING PRACTICES SHOULD BE IMPLEMENTED AND MAINTAINED DURING AND AFTER CONSTRUCTION TO PREVENT TRASH AND OTHER DEBRIS FROM INADVERTENTLY BLOWING OR WASHING INTO NEARBY NATURAL AREAS.
- SOIL EROSION AND SEDIMENT CONTROL BMPs SHOULD BE IMPLEMENTED AND PROPERLY MAINTAINED.
- DISTURBED AREAS SHOULD BE RESEEDED WITH AN APPROPRIATE NATIVE SEED MIX THAT CONTAINS FORBS AS WELL AS GRASSES (SUCH AS IDOT CLASS 5, 5A, OR 5B SEED MIX), WHERE FEASIBLE.
- IF EROSION CONTROL BLANKET IS TO BE USED, WILDLIFE-FRIENDLY PLASTIC-FREE BLANKET SHOULD BE USED AROUND WETLANDS AND ADJACENT TO NATURAL AREAS, IF NOT FEASIBLE TO IMPLEMENT PROJECT WIDE, TO PREVENT THE ENTANGLEMENT OF NATIVE WILDLIFE.
- ANY REQUIRED NIGHT LIGHTING SHOULD FOLLOW INTERNATIONAL DARK-SKY ASSOCIATION (IDA) GUIDANCE TO MINIMIZE THE EFFECT OF LIGHT POLLUTION ON WILDLIFE. MEASURES SHOULD INCLUDE SHIELDING FIXTURES SO NO LIGHT TRAVELS UPWARD, USING "WARM-WHITE" OR FILTERED LEDS (CCT < 3,000K) TO MINIMIZE BLUE EMISSION, AND AVOIDING OVER-LIGHTING.
- TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.
- COMPENSATION FOR PERMANENT WETLAND LOSSES WILL BE PROVIDED AT A COMMERCIAL WETLAND BANK.

FILE NAME = 5867.200_Sht-DT.dwg	USER NAME = MARK COBB	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES AND STATE STANDARDS FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	2
PLOT DATE = 1/30/2024 11:48 AM	CHECKED - DPB	REVISIED -	REVISIED -	SCALE N.A.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT # 61K10		
	DATE - 12/18/2023	REVISIED -		ILLINOIS FED. AID PROJECT						



STORMWATER MANAGEMENT COMMISSION

TYPICAL CONSTRUCTION SEQUENCING

- 1.) Installation of soil erosion and sediment control SE/SC measures
 - a.) Selective vegetation removal for silt fence installation
 - b.) Silt fence installation
 - c.) Construction fencing around areas not to be disturbed
 - d.) Stabilized construction entrance
 - 2.) Tree removal where necessary (clear & grub)
 - 3.) Construct sediment trapping devices (sediment traps, basins...)
 - 4.) Construct detention facilities and outlet control structure with restrictor & temporary perforated riser
 - 5.) Strip topsoil, stockpile topsoil and grade site
 - 6.) Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope)
 - 7.) Install storm sewer, sanitary sewer, water and associated inlet & outlet protection
 - 8.) Permanently stabilize detention basins with seed and erosion control blanket
 - 9.) Temporarily stabilize all areas including lots that have reached temporary grade
 - 10.) Install roadways
 - 11.) Permanently stabilize all outlot areas
 - 12.) Install structures and grade individual lots
 - 13.) Permanently stabilize lots
 - 14.) Remove all temporary SE/SC measures after the site is stabilized with vegetation
- * Soil erosion and sediment control maintenance must occur every two weeks and after every 1/2 or greater rainfall event

U:\Regulatory Program\SESC handouts\TYPICAL CONSTRUCTION SEQUENCING.doc

**LAKE COUNTY STORMWATER MANAGEMENT COMMISSION
SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION
NOTES**

- A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
- UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
 - AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- C. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- D. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- E. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
- F. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- G. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
- H. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.
- I. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- J. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- K. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- L. IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
- M. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- N. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- O. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.

FILE NAME = 5867.200_Sht--DT.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL EROSION AND SEDIMENT CONTROL NOTES FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	3	
		CHECKED - DPB	REVISED -			CONTRACT #: 61K10					
		DATE - 12/18/2023	REVISED -			SCALE N.A.	SHEET NO. 1 OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% LOCAL
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004
		20101000	TEMPORARY FENCE	FOOT	1,900	1,900
	*	20101100	TREE TRUNK PROTECTION	EACH	158	158
		20101200	TREE ROOT PRUNING	EACH	158	158
		20200100	EARTH EXCAVATION	CU YD	3,347	3,347
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	335	335
		20800150	TRENCH BACKFILL	CU YD	1,038	1,038
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,005	1,005
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	11,798	11,798
		21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	637	637
	*	25000210	SEEDING, CLASS 2A	ACRE	2.50	2.50
	*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	231	231
	*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	231	231
	*	25200200	SUPPLEMENTAL WATERING	UNIT	29	29
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	257	257
		28000400	PERIMETER EROSION BARRIER	FOOT	7,595	7,595
		28000500	INLET AND PIPE PROTECTION	EACH	4	4

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL / 20% LOCAL
		28000510	INLET FILTERS	EACH	70	0004 70
		28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	12,429	12,429
		30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,785	1,785
		30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	1,024	1,024
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	669	669
		35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	3,027	3,027
		35400100	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"	SQ YD	791	791
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	37,841	37,841
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7,844	7,844
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	25	25
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	4,635	4,635
		40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	64	64
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2,199	2,199
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,009	1,009
		42400800	DETECTABLE WARNINGS	SQ FT	111	111
		44000100	PAVEMENT REMOVAL	SQ YD	933	933

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL / 20% LOCAL
		44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	1,264	1,264
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	774	774
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	301	301
		44000600	SIDEWALK REMOVAL	SQ FT	810	810
		44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	24	24
		50105220	PIPE CULVERT REMOVAL	FOOT	312	312
		52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	755	755
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	3	3
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2
		54214710	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 15"	EACH	1	1
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,435	1,435
		550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1,092	1,092
		550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	24	24
		550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	15	15

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% LOCAL
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,169	1,169
		550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	239	239
		550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	22	22
		550A4015	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	275	275
		550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	314	314
		55100500	STORM SEWER REMOVAL 12"	FOOT	433	433
		56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	3	3
		60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
		60204805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	3	3
		60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	30	30
		60222000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1
		60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4	4
		60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	22	22
		60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	5	5
		60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4	4
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	12,877	12,877

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

FILE NAME = 5867.200_Sht-DT.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 12/15/2023 6:08 PM

DATE - 12/18/2023

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
FISH LAKE ROAD IMPROVEMENTS

SCALE N.A.

SHEET NO. 4 OF 9 SHEETS

STA. TO STA.

FAU RTE

0163

SECTION

15-08113-05-CH

COUNTY

LAKE

TOTAL SHEETS

112

SHEET NO.

7

CONTRACT # 61K10

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% LOCAL
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004
	*	66400305	CHAIN LINK FENCE, 6'	FOOT	374	374
	*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	135	135
	*	66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4
	*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1
	*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1
	*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	4	4
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8
		67100100	MOBILIZATION	LSUM	1	1
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	589	589
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	196	196
		70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	140	140
		70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	11,782	11,782
		70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	496	496
		70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	518	518
		70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	57	57
		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	140	140

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% LOCAL
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004
	*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,782	11,782
	*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	496	496
	*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	518	518
	*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	57	57
	*	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	211	211
	*	A2001020	TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
	*	A2001720	TREE, ACER SACCHARUM (SUGAR MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1
	*	A2002280	TREE, ALNUS RUGOSA (SPECKLED ALDER), 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	12	12
	*	A2002366	TREE, BETULA NIGRA (RIVER BIRCH), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10
	*	A2002656	TREE, CARYA ILLINOENSIS (PECAN), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
	*	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8	8
	*	A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7
	*	A2005330	TREE, LIQUIDAMBAR STYRACIFLUA MORaine (MORaine SWEETGUM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
	*	A2006420	TREE, QUERCUS ALBA (WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
	*	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	11	11
	*	A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% LOCAL
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004
	*	A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
	*	A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
	*	A2007820	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4
	*	B2001566	TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	2	2
	*	C2003372	SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL), 6' HEIGHT, BALLED AND BURLAPPED	EACH	6	6
	*	K1005421	SEEDING (SPECIAL)	ACRE	0.25	0.25
		LR400890	FULL-DEPTH RECLAMATION, 9.0"	SQ YD	10,892	10,892
		X5510011	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	6	6
		X0327036	BIKE PATH REMOVAL	SQ YD	31	31
		X0327301	RELOCATE EXISTING MAILBOX	EACH	4	4
		X2010404	STUMP REMOVAL	EACH	84	84
		X2010510	CLEARING AND GRUBBING	LSUM	1	1
	*	X2500900	SEEDING, CLASS 1 (SPECIAL)	ACRE	0.25	0.25
	*	X2510635	HEAVY DUTY EROSION CONTROL BLANKET (SPECIAL)	SQ YD	128	128
	*	X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	12,301	12,301
		X2800400	PERIMETER EROSION BARRIER (SPECIAL)	FOOT	1,013	1,013

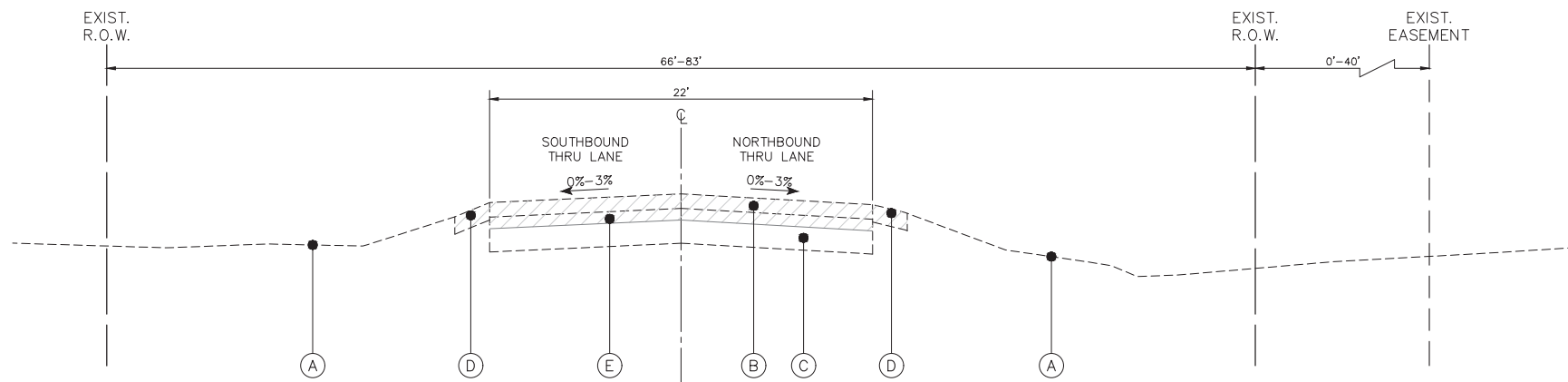
* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% LOCAL
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004
		X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	6	6
		X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	5	5
		X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	6
		X4421825	CLASS D PATCHES, TYPE I, 9 INCH (SPECIAL)	SQ YD	8	8
		X4421826	CLASS D PATCHES, TYPE II, 9 INCH (SPECIAL)	SQ YD	63	63
		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1
		Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	255	255
		Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	302	302
		Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
		Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	15	15
		Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	2	2
		Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	17	17
		Z0022800	FENCE REMOVAL	FOOT	1,057	1,057
		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	205	205
		Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	18	18
		Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	130	130

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL / 20% LOCAL
		Z0056652	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	FOOT	65	65
		Z0056669	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"	FOOT	63	63
		Z0056670	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18"	FOOT	9	9
		Z0056672	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	20	20
	*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3	3
#		Z0076600	TRAINEES	HOUR	500	
#		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	
	*	Z0077900	WOOD POST AND RAIL FENCE	FOOT	201	201

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

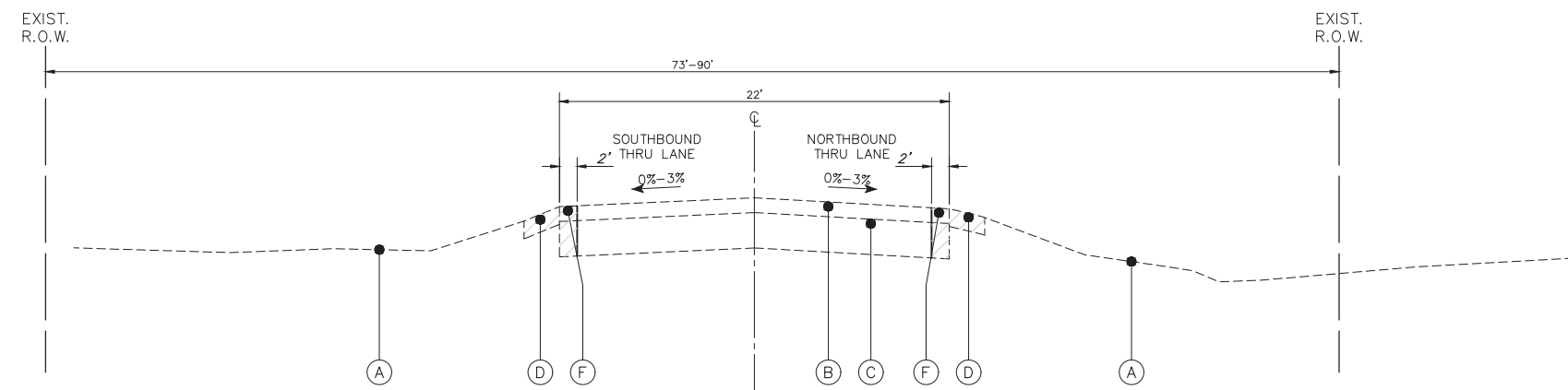


NOTE:
RESURFACING FROM STA. 86+54 TO STA. 90+65

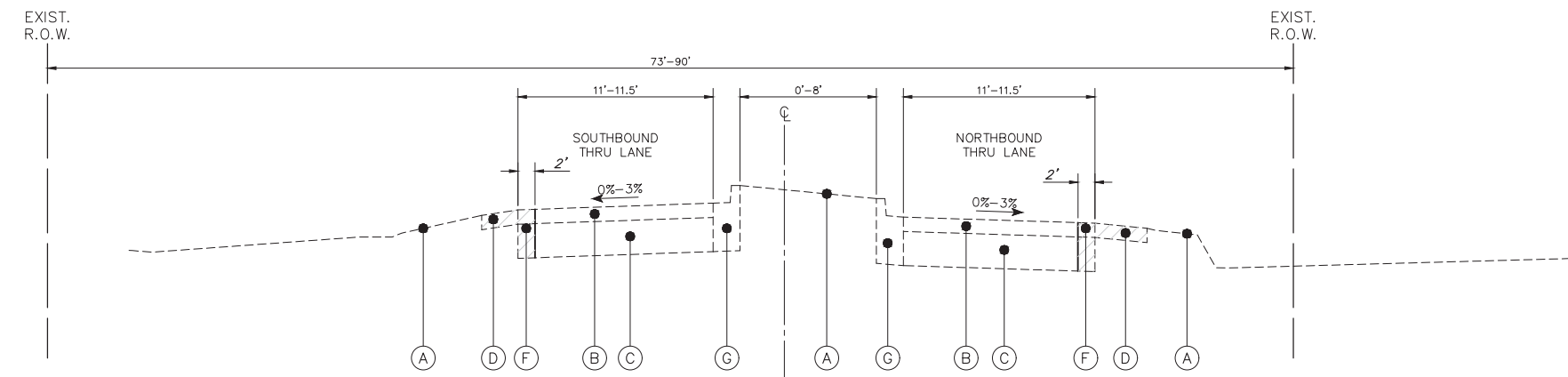
EXISTING TYPICAL SECTION
STA. 33+10 TO STA. 69+99
STA. 86+54 TO STA. 99+17

TYPICAL CROSS SECTION LEGEND

- | NO. | DESCRIPTION |
|-----|--|
| (A) | EXISTING GROUND |
| (B) | EXISTING HMA PAVEMENT, (4.5"-5.0") |
| (C) | EXISTING AGGREGATE BASE, (10"-13.5") |
| (D) | AGGREGATE SHOULDER REMOVAL |
| (E) | FULL DEPTH RECLAMATION, 9" |
| (F) | PAVEMENT REMOVAL |
| (G) | EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |



EXISTING TYPICAL SECTION
STA. 69+99 TO STA. 76+90
STA. 83+82 TO STA. 86+54

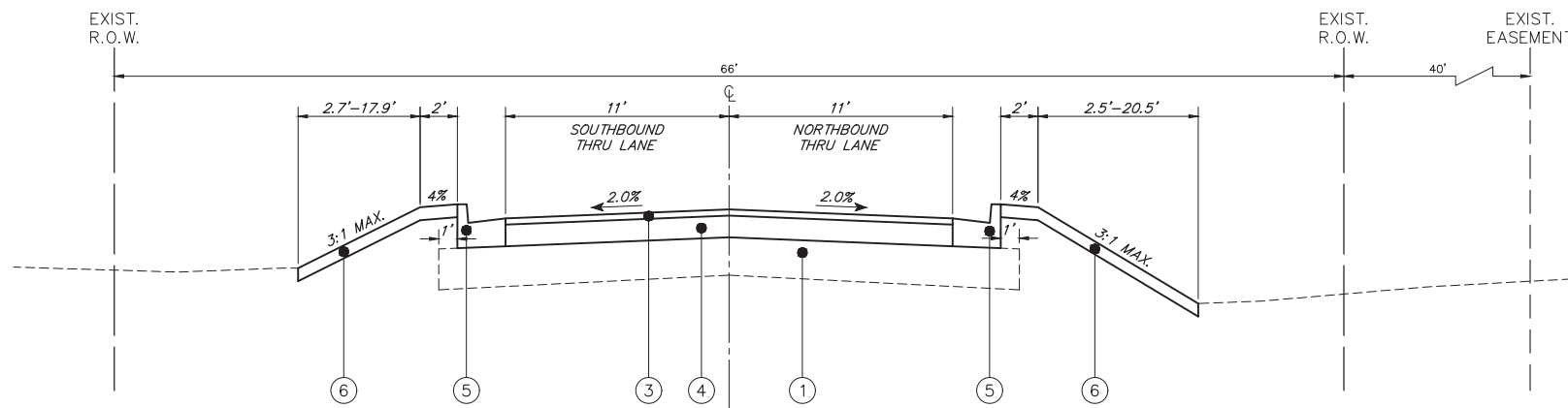


EXISTING TYPICAL SECTION
STA. 76+90 TO STA. 83+82

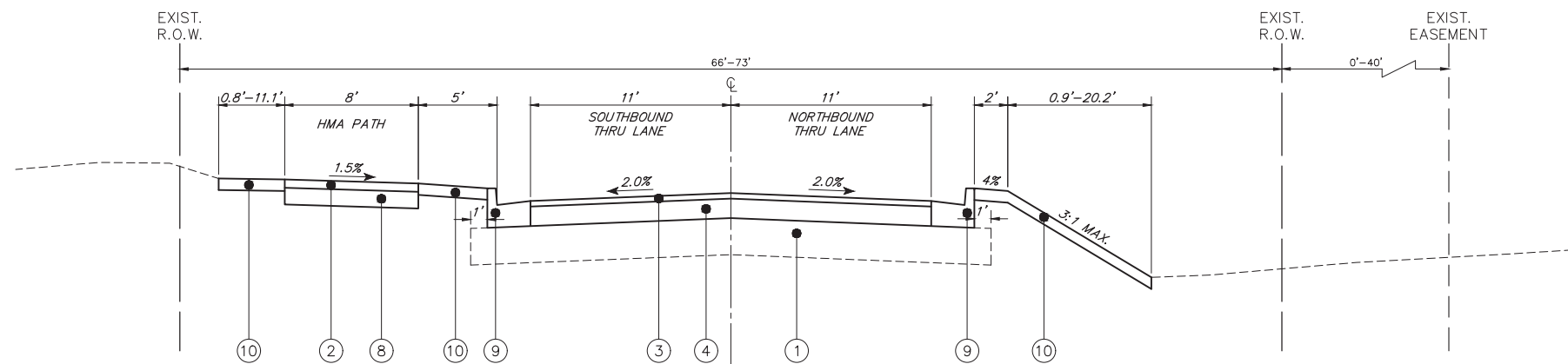
HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
FULL DEPTH RECLAMATION & RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"	4% @ 50 GYR	LR1030-2
PAVEMENT WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"	4% @ 50 GYR	LR1030-2
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 1"	3.5% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT DRIVEWAYS, 8" & 10"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR1030-2
HMA BASE COURSE (HMA BINDER IL-19 mm); PE-6", CE-8"	4% @ 50 GYR	LR1030-2
HMA PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 3" (IN 2 LIFTS)	4% @ 50 GYR	LR1030-2
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	LR1030-2
CLASS D PATCHES (SPECIAL)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 7"	4% @ 70 GYR	LR1030-2
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS./SQ.YD./IN.

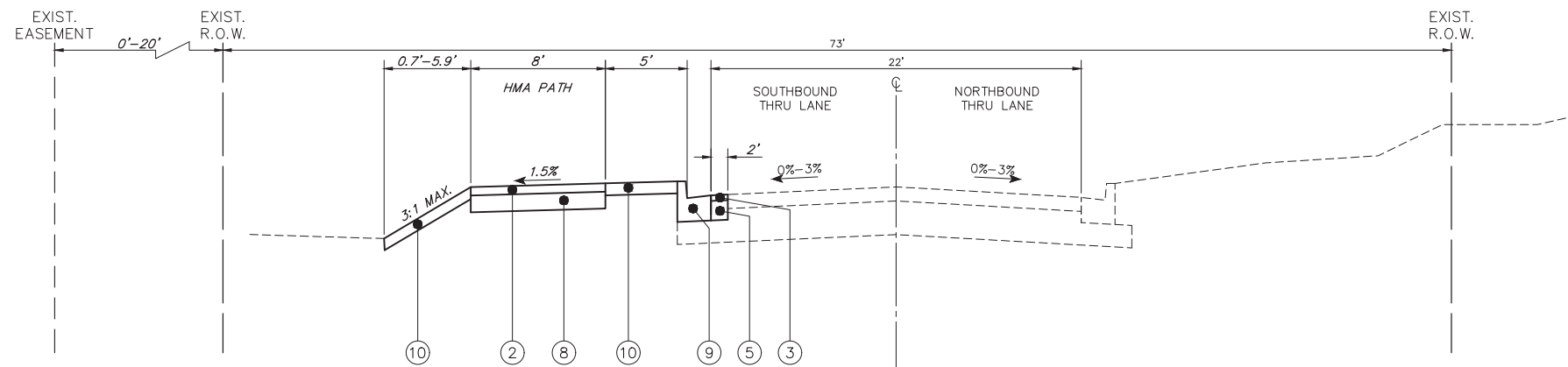
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE AC TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.



PROPOSED TYPICAL SECTION
STA. 33+10 TO STA. 50+47



PROPOSED TYPICAL SECTION
STA. 50+47 TO STA. 69+99



PROPOSED TYPICAL SECTION
STA. 69+99 TO STA. 73+42

TYPICAL CROSS SECTION LEGEND

- | NO. | DESCRIPTION |
|------|--|
| (A) | EXISTING GROUND |
| (B) | EXISTING HMA PAVEMENT, (4.5"-5.0") |
| (C) | EXISTING AGGREGATE BASE, (10"-13.5") |
| (D) | AGGREGATE SHOULDER REMOVAL |
| (E) | FULL DEPTH RECLAMATION, 9" |
| (F) | PAVEMENT REMOVAL |
| (G) | EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (1) | FULL DEPTH RECLAMATION, 9" |
| (2) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (3") (PATH) |
| (3) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (2") (ROAD) |
| (4) | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, (6") |
| (5) | PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6" |
| (6) | AGGREGATE SUBGRADE IMPROVEMENT 12" |
| (7) | AGGREGATE BASE COURSE, TYPE B 4" |
| (8) | AGGREGATE BASE COURSE, TYPE B 6" |
| (9) | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (10) | TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET (SPECIAL)
SLOPES >3:1 USE HEAVY DUTY EROSION CONTROL BLANKET (SPECIAL) |

FILE NAME = 5867.200_Sht-TYP.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - MGFC

REVISED -

PLOT DATE = 12/15/2023 3:28 PM

CHECKED - DPB

REVISED -

DATE - 12/18/2023

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
FISH LAKE ROAD IMPROVEMENTS**

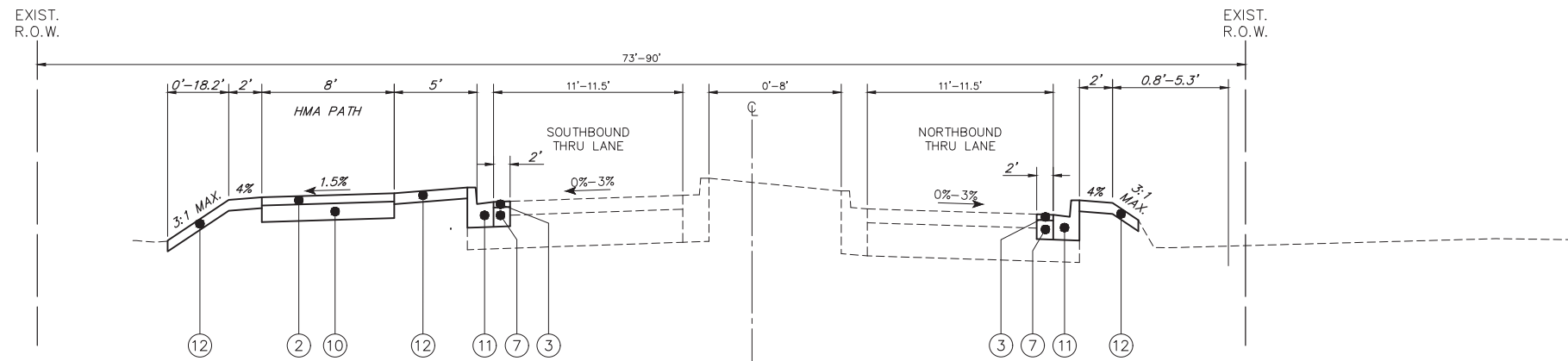
SCALE N/A

SHEET NO. 2 OF 4 SHEETS

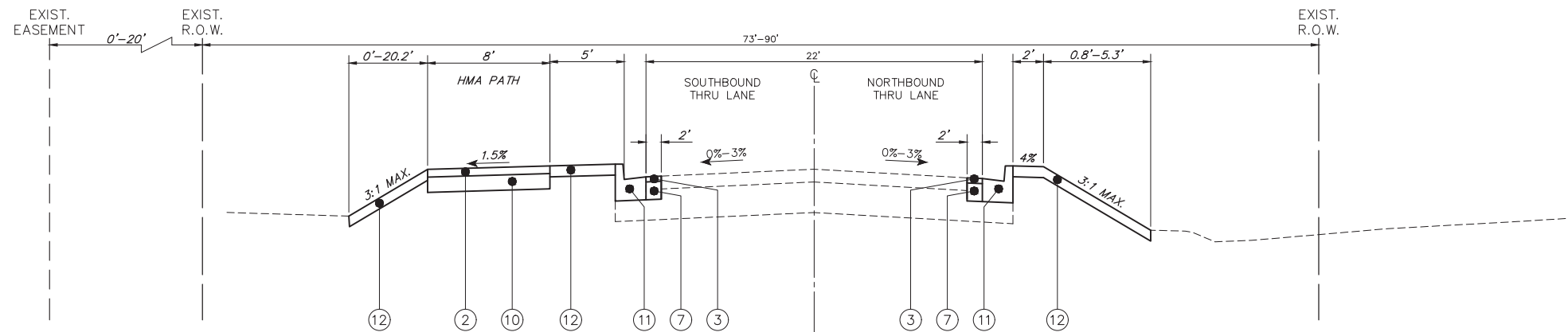
STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	14
CONTRACT #			61K10	

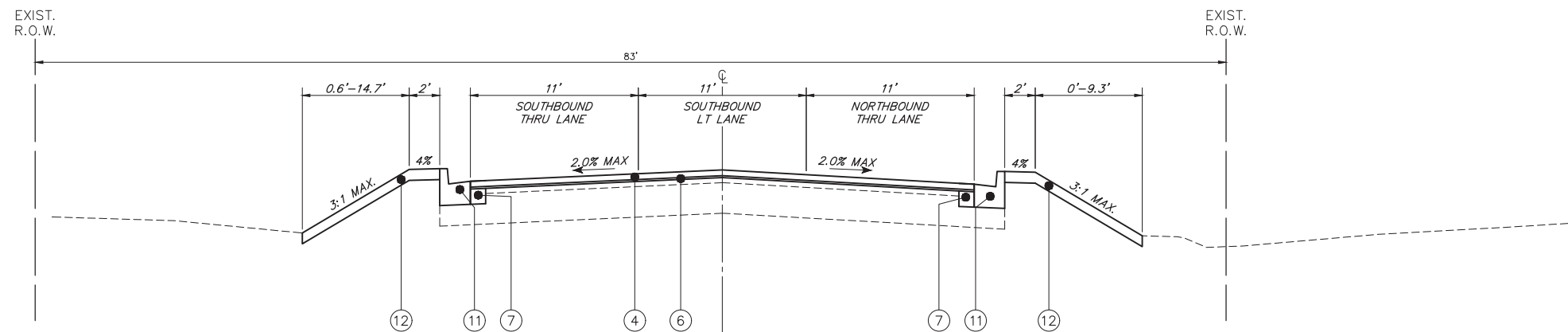
ILLINOIS FED. AID PROJECT



EXISTING TYPICAL SECTION
STA. 76+90 TO STA. 83+82



PROPOSED TYPICAL SECTION
STA. 83+82 TO STA. 86+54



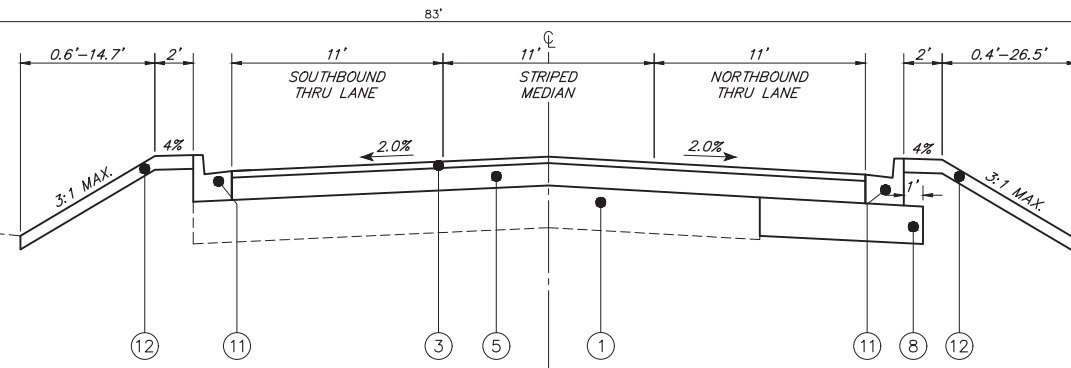
PROPOSED TYPICAL SECTION
STA. 86+54 TO STA. 90+65

TYPICAL CROSS SECTION LEGEND

- | NO. | DESCRIPTION |
|------|--|
| (A) | EXISTING GROUND |
| (B) | EXISTING HMA PAVEMENT, (4.5"-5.0") |
| (C) | EXISTING AGGREGATE BASE, (10"-13.5") |
| (D) | AGGREGATE SHOULDER REMOVAL |
| (E) | FULL DEPTH RECLAMATION, 9" |
| (F) | PAVEMENT REMOVAL |
| (G) | EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (1) | FULL DEPTH RECLAMATION, 9" |
| (2) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (3") (PATH) |
| (3) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (2") (ROAD) |
| (4) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (2") (RESURFACING) |
| (5) | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, (6") |
| (6) | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, (1") |
| (7) | PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6" |
| (8) | AGGREGATE SUBGRADE IMPROVEMENT 12" |
| (9) | AGGREGATE BASE COURSE, TYPE B 4" |
| (10) | AGGREGATE BASE COURSE, TYPE B 6" |
| (11) | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (12) | TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET (SPECIAL)
SLOPES >3:1 USE HEAVY DUTY EROSION CONTROL BLANKET (SPECIAL) |

EXIST.
R.O.W.

EXIST.
R.O.W.



PROPOSED TYPICAL SECTION
STA. 90+65 TO STA. 99+17

TYPICAL CROSS SECTION LEGEND

- | NO. | DESCRIPTION |
|------|--|
| (A) | EXISTING GROUND |
| (B) | EXISTING HMA PAVEMENT, (4.5"-5.0") |
| (C) | EXISTING AGGREGATE BASE, (10"-13.5") |
| (D) | AGGREGATE SHOULDER REMOVAL |
| (E) | FULL DEPTH RECLAMATION, 9" |
| (F) | PAVEMENT REMOVAL |
| (G) | EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (1) | FULL DEPTH RECLAMATION, 9" |
| (2) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (3") (PATH) |
| (3) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (2") (ROAD) |
| (4) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (2") (RESURFACING) |
| (5) | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, (6") |
| (6) | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, (1") |
| (7) | PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6" |
| (8) | AGGREGATE SUBGRADE IMPROVEMENT 12" |
| (9) | AGGREGATE BASE COURSE, TYPE B 4" |
| (10) | AGGREGATE BASE COURSE, TYPE B 6" |
| (11) | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (12) | TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET (SPECIAL)
SLOPES >3:1 USE HEAVY DUTY EROSION CONTROL BLANKET (SPECIAL) |

FILE NAME = 5867.200_Sht-TYP.dwg

USER NAME = MARK COBB

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 12/21/2023 12:58 PM

DATE - 12/18/2023

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
FISH LAKE ROAD IMPROVEMENTS**

SCALE N/A

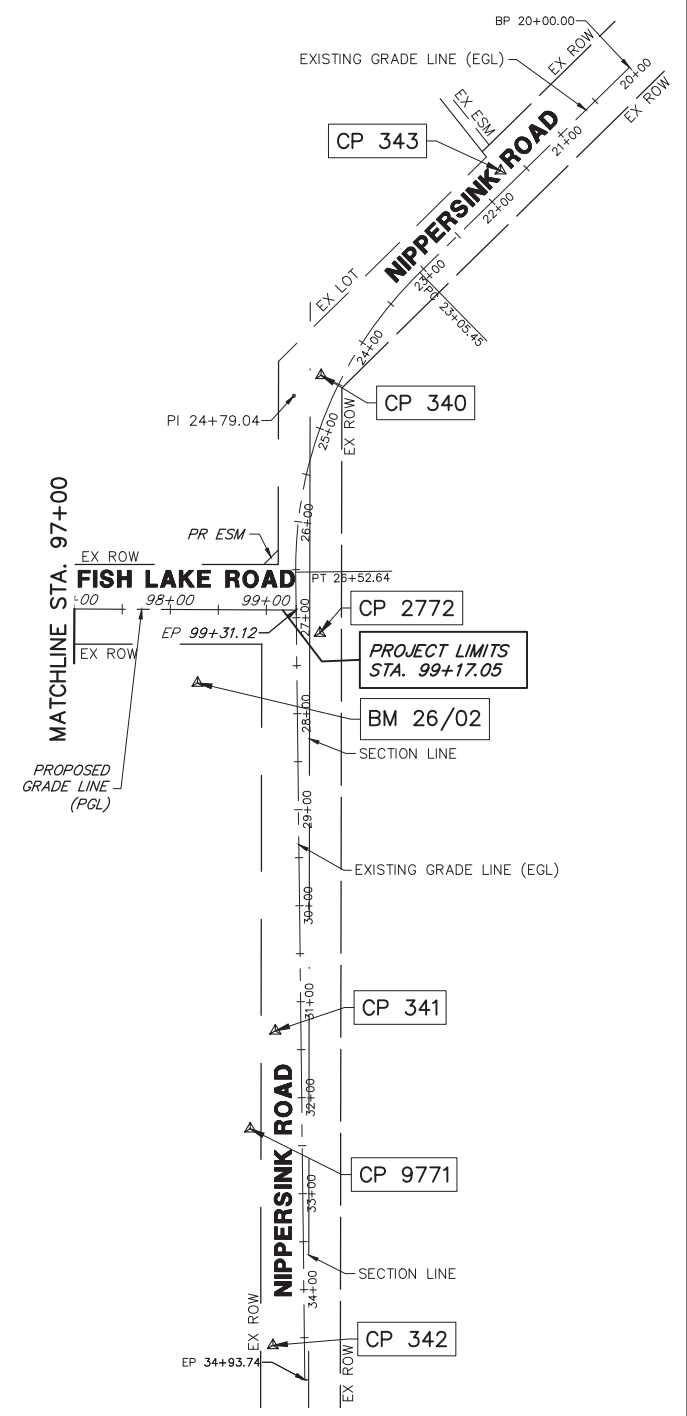
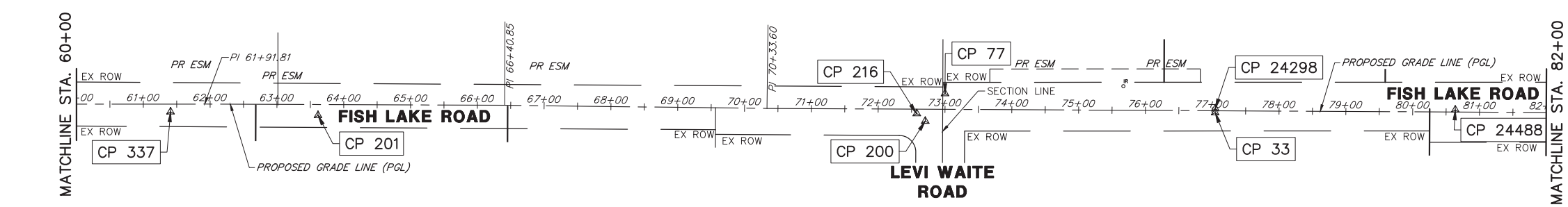
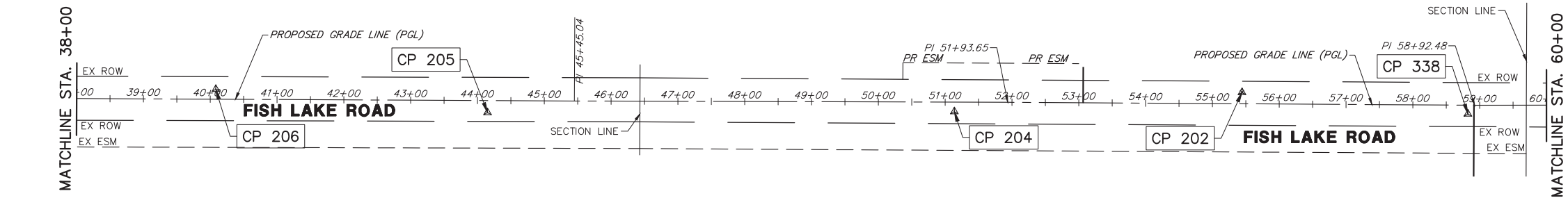
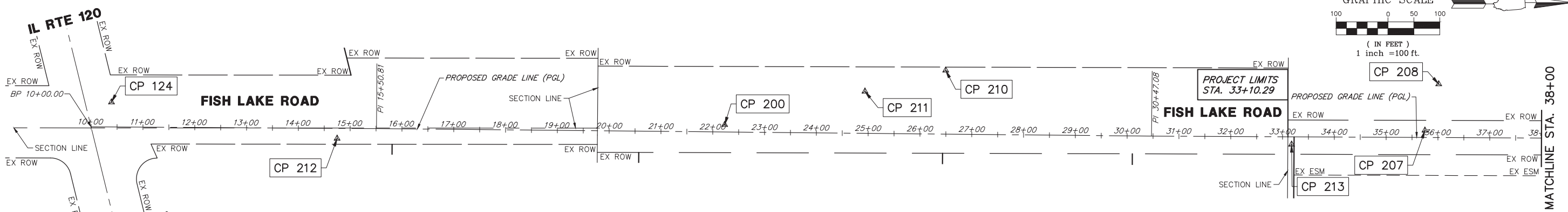
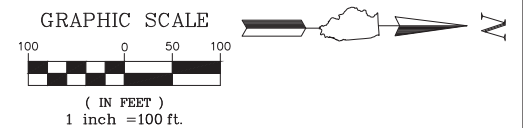
SHEET NO. 4 OF 4 SHEETS

STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	16
CONTRACT #:			61K10	
ILLINOIS FED. AID PROJECT				

SCHEDULE OF EARTHWORK						
STATION	TO	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
33+00.00	TO	33+50.00	0.00	0.00	0.00	0.00
33+50.00	TO	34+00.00	18.63	15.84	3.41	12.43
34+00.00	TO	34+50.00	32.79	27.87	8.45	19.42
34+50.00	TO	35+00.00	34.06	28.95	17.04	11.91
35+00.00	TO	35+50.00	22.71	19.30	31.79	-12.49
35+50.00	TO	35+55.54	11.06	9.40	31.75	-22.35
35+55.54	TO	36+00.00	2.18	1.85	2.15	-0.30
36+00.00	TO	36+50.00	22.52	19.14	9.77	9.37
36+50.00	TO	37+00.00	22.66	19.26	13.76	5.50
37+00.00	TO	37+42.00	15.58	13.24	21.70	-8.46
37+42.00	TO	37+50.00	28.50	24.23	47.97	-23.74
37+50.00	TO	38+00.00	6.20	5.27	10.18	-4.91
38+00.00	TO	38+50.00	16.63	14.14	36.58	-22.44
38+50.00	TO	39+00.00	12.53	10.65	26.20	-15.55
39+00.00	TO	39+50.00	20.38	17.32	14.07	3.25
39+50.00	TO	39+62.00	18.94	16.10	18.71	-2.61
39+62.00	TO	40+00.00	3.12	2.65	4.96	-2.31
40+00.00	TO	40+50.00	12.74	10.83	9.45	1.38
40+50.00	TO	41+00.00	22.99	19.54	6.93	12.61
41+00.00	TO	41+25.00	24.21	20.58	6.81	13.77
41+25.00	TO	41+50.00	11.45	9.73	5.62	4.11
41+50.00	TO	42+00.00	12.12	10.30	9.53	0.77
42+00.00	TO	42+05.00	24.63	20.94	29.93	-8.99
42+05.00	TO	42+50.00	2.88	2.45	4.15	-1.70
42+50.00	TO	43+00.00	25.66	21.81	30.43	-8.62
43+00.00	TO	43+50.00	20.92	17.78	21.58	-3.80
43+50.00	TO	44+00.00	19.44	16.52	18.84	-2.32
44+00.00	TO	44+50.00	25.32	21.52	13.15	8.37
44+50.00	TO	45+00.00	20.93	17.79	16.94	0.85
45+00.00	TO	45+50.00	10.62	9.03	27.16	-18.13
45+50.00	TO	46+00.00	9.80	8.33	23.56	-15.23
46+00.00	TO	46+37.00	10.03	8.53	22.06	-13.53
46+37.00	TO	46+50.00	10.57	8.98	39.04	-30.06
46+50.00	TO	47+00.00	3.62	3.08	15.25	-12.17
47+00.00	TO	47+50.00	7.75	6.59	32.68	-26.09
47+50.00	TO	48+00.00	9.95	8.46	19.77	-10.81
48+00.00	TO	48+50.00	18.70	15.90	18.77	-2.87
48+50.00	TO	49+00.00	23.65	20.10	23.69	-3.59
49+00.00	TO	49+50.00	19.92	16.93	17.88	-0.95
49+50.00	TO	50+00.00	17.18	14.60	12.11	2.49
50+00.00	TO	50+50.00	24.25	20.61	8.52	12.09
50+50.00	TO	50+94.00	45.53	38.70	3.11	35.59
50+94.00	TO	51+00.00	38.13	32.41	7.73	24.68
51+00.00	TO	51+50.00	3.05	2.59	2.06	0.53
51+50.00	TO	52+00.00	22.90	19.47	12.98	6.49
52+00.00	TO	52+50.00	23.46	19.94	8.10	11.84
52+50.00	TO	53+00.00	26.29	22.35	8.21	14.14
53+00.00	TO	53+50.00	20.91	17.77	13.60	4.17
53+50.00	TO	54+00.00	14.42	12.26	19.80	-7.54
54+00.00	TO	54+50.00	19.00	16.15	14.18	1.97
54+50.00	TO	55+00.00	23.41	19.90	11.98	7.92
55+00.00	TO	55+50.00	24.99	21.24	17.95	3.29
55+50.00	TO	56+00.00	26.53	22.55	16.79	5.76
56+00.00	TO	56+08.00	21.81	18.54	23.27	-4.73
56+08.00	TO	56+50.00	3.02	2.57	5.78	-3.21
56+50.00	TO	57+00.00	15.89	13.51	25.42	-11.91
57+00.00	TO	57+50.00	19.12	16.25	16.26	-0.01
57+50.00	TO	58+00.00	17.00	14.45	15.84	-1.39
58+00.00	TO	58+50.00	11.54	9.81	25.91	-16.10
58+50.00	TO	58+67.40	12.10	10.29	26.24	-15.95
58+67.40	TO	59+00.00	5.67	4.82	6.82	-2.00
59+00.00	TO	59+50.00	12.26	10.42	15.49	-5.07
59+50.00	TO	60+00.00	17.68	15.03	30.86	-15.83
60+00.00	TO	60+50.00	17.21	14.63	29.37	-14.74
60+50.00	TO	61+00.00	19.19	16.31	22.29	-5.98
61+00.00	TO	61+50.00	17.74	15.08	20.41	-5.33
61+50.00	TO	61+55.00	20.42	17.36	22.89	-5.53
61+55.00	TO	61+70.00	2.13	1.81	2.50	-0.69
61+70.00	TO	62+00.00	4.09	3.48	7.50	-4.02
62+00.00	TO	62+50.00	4.76	4.05	21.86	-17.81
62+50.00	TO	63+00.00	4.52	3.84	58.97	-55.13
63+00.00	TO	63+43.58	2.67	2.27	74.64	-72.37
63+43.58	TO	63+50.00	4.00	3.40	64.92	-61.52
63+50.00	TO	64+00.00	0.80	0.68	8.84	-8.16
64+00.00	TO	64+50.00	5.19	4.41	59.17	-54.76
64+50.00	TO	65+00.00	6.09	5.18	46.48	-41.30
65+00.00	TO	65+50.00	13.35	11.35	28.17	-16.82
65+50.00	TO	66+00.00	34.33	29.18	10.03	19.15
66+00.00	TO	66+30.00	51.35	43.65	13.44	30.21

SCHEDULE OF EARTHWORK						
STATION	TO	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
66+30.00	TO	66+50.00	30.27	25.73	18.49	7.24
66+50.00	TO	67+00.00	15.99	13.59	17.44	-3.85
67+00.00	TO	67+50.00	26.57	22.58	43.04	-20.46
67+50.00	TO	68+00.00	21.73	18.47	33.06	-14.59
68+00.00	TO	68+42.82	21.68	18.43	24.84	-6.41
68+42.82	TO	68+50.00	20.97	17.82	14.73	3.09
68+50.00	TO	69+00.00	4.14	3.52	1.52	2.00
69+00.00	TO	69+50.00	32.39	27.53	13.43	14.10
69+50.00	TO	69+55.87	47.45	40.33	8.18	32.15
69+55.87	TO	70+00.00	7.07	6.01	0.07	5.94
70+00.00	TO	70+50.00	41.04	34.88	2.09	32.79
70+50.00	TO	71+00.00	28.80	24.48	4.82	19.66
71+00.00	TO	71+50.00	37.94	32.25	5.28	26.97
71+50.00	TO	72+00.00	43.19	36.71	6.33	30.38
72+00.00	TO	72+50.00	39.34	33.44	7.69	25.75
72+50.00	TO	72+60.00	42.69	36.29	8.66	27.63
72+60.00	TO	73+00.00	8.29	7.05	1.78	5.27
73+00.00	TO	73+50.00	25.69	21.84	4.56	17.28
73+50.00	TO	74+00.00	22.73	19.32	20.78	-1.46
74+00.00	TO	74+18.00	21.65	18.40	74.64	-56.24
74+18.00	TO	74+50.00	7.77	6.60	44.14	-37.54
74+50.00	TO	75+00.00	13.76	11.70	72.02	-60.32
75+00.00	TO	75+50.00	21.97	18.67	68.25	-49.58
75+50.00	TO	76+00.00	21.94	18.65	56.49	-37.84
76+00.00	TO	76+50.00	22.63	19.24	80.71	-61.47
76+50.00	TO	76+66.07	33.05	28.09	48.04	-19.95
76+66.07	TO	77+00.00	19.15	16.28	0.33	15.95
77+00.00	TO	77+50.00	35.32	30.02	0.51	29.51
77+50.00	TO	78+00.00	29.16	24.79	1.08	23.71
78+00.00	TO	78+50.00	26.80	22.78	5.95	16.83
78+50.00	TO	78+96.00	22.53	19.15	15.41	3.74
78+96.00	TO	79+00.00	19.94	16.95	16.62	0.33
79+00.00	TO	79+50.00	1.71	1.45	1.24	0.21
79+50.00	TO	80+00.00	23.22	19.74	8.33	11.41
80+00.00	TO	80+50.00	32.43	27.57	2.02	25.55
80+50.00	TO	81+00.00	34.84	29.61	3.74	25.87
81+00.00	TO	81+35.00	25.84	21.96	14.26	7.70
81+35.00	TO	81+50.00	15.70	13.35	21.27	-7.92
81+50.00	TO	82+00.00	6.85	5.82	10.69	-4.87
82+00.00	TO	82+50.00	22.41	19.05	37.21	-18.16
82+50.00	TO	83+00.00	21.77	18.50	35.06	-16.56
83+00.00	TO	83+50.00	21.54	18.31	18.66	-0.35
83+50.00	TO	84+00.00	22.21	18.88	6.94	11.94
84+00.00	TO	84+50.00	23.09	19.63	5.56	14.07
84+50.00	TO	85+00.00	23.06	19.60	5.40	14.20
85+00.00	TO	85+50.00	22.49	19.12	6.14	12.98
85+50.00	TO	86+00.00	26.92	22.88	4.03	18.85
86+00.00	TO	86+50.00	15.84	13.46	0.65	12.81
86+50.00	TO	87+00.00	6.13	5.21	0.10	5.11
87+00.00	TO	87+50.00	21.12	17.95	1.40	16.55
87+50.00	TO	87+79.12	30.32	25.77	2.82	22.95
87+79.12	TO	88+00.00	18.40	15.64	6.71	8.93
88+00.00	TO	88+50.00	13.08	11.12	4.79	6.33
88+50.00	TO	89+00.00	30.05	25.54	1.77	23.77
89+00.00	TO	89+50.00	29.85	25.37	0.68	24.69
89+50.00	TO	90+00.00	30.06	25.55	0.70	24.85
90+00.00	TO	90+50.00	30.00	25.50	0.87	24.63
90+50.00	TO	91+00.00	47.44	40.32	0.73	39.59
91+00.00	TO	91+50.00	62.59	53.20	2.07	51.13
91+50.00	TO	92+00.00	51.45	43.73	7.31	36.42
92+00.00	TO	92+50.00	43.20	36.72	11.15	25.57
92+50.00	TO	93+00.00	41.24	35.05	10.36	24.69
93+00.00	TO	93+50.00	44.99	38.24	7.43	30.81
93+50.00	TO	93+79.26	33.24	28.25	9.56	18.69
93+79.26	TO	94+00.00	19.09	16.23	4.87	11.36
94+00.00	TO	94+50.00	17.28	14.69	1.20	13.49
94+50.00	TO	95+00.00	30.17	25.64	9.57	16.07
95+00.00	TO	95+50.00	29.06	24.70	13.62	11.08
95+50.00	TO	96+00.00	29.39	24.98	11.41	13.57
96+00.00	TO	96+36.00	28.73	24.42	12.81	11.61
96+36.00	TO	96+50.00	23.05	19.59	8.08	11.51
96+50.00	TO	97+00.00	8.50	7.23	2.83	4.40
97+00.00	TO	97+50.00	21.13	17.96	16.76	1.20
97+50.00	TO	98+00.00	17.47	14.85	20.99	-6.14
98+00.00	TO	98+50.00	28.76	24.45	17.67	6.78
98+50.00	TO	99+00.00	33.13	28.16	12.65	15.51
99+00.00	TO	99+31.10	63.84	54.26	6.65	47.61
TOTAL VOLUMES (CU YD):			3347	2845	2661	183



BENCHMARK

VILLAGE OF VOLO MONUMENT #26-02: SET BRASS DISK IN CONCRETE SOUTHEASTERLY OF THE INTERSECTION OF FISH LAKE ROAD AND NIPPERSINK ROAD 100' SOUTH AND 75' EAST OF THE CENTERLINE-CENTERLINE OF SAID ROADS.

ELEVATION: 796.333 NGVD29

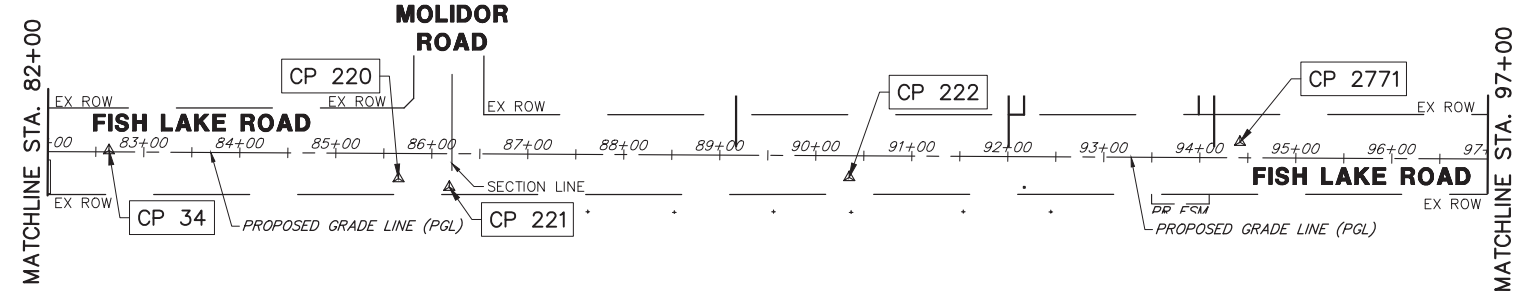
ALIGNMENT COORDINATES - FISH LAKE ROAD			
FISH LAKE ROAD	STATION	NORTHING	EASTING
POB	10+00.00	2061421.19	1035171.42
PI	15+50.81	2061971.99	1035174.83
PI	30+47.08	2063468.19	1035189.34
PI	45+45.04	2064966.13	1035196.74
PI	51+93.65	2065614.74	1035198.68
PI	58+92.48	2066313.56	1035203.12
PI	61+91.81	2066612.88	1035202.88
PI	66+40.85	2067061.92	1035204.68
PI	70+33.60	2067454.64	1035209.39
POE	99+31.12	2070352.12	1035224.44

ALIGNMENT COORDINATES - NIPPERSINK ROAD			
NIPPERSINK ROAD	STATION	NORTHING	EASTING
POB	20+00	2070699.18	1034659.17
PC	23+05.45	2070480.88	1034872.81
PT	26+52.64	2070351.68	1035184.97
POE	34+93.74	2070361.15	1036026.02

Point Table				
Point #	Northing	Easting	Elevation	Description
33	2068125.37	1035215.87	804.90	CP33-MN-TC
34	2068684.73	1035214.35	797.34	CP34-MN-TC
77	2067721.05	1035187.22	811.34	CP77-IR
200	2067691.46	1035228.49	811.45	CP200-MN
201	2066782.58	1035219.85	809.80	CP201-MN
202	2065965.32	1035183.75	805.48	CP202-XCN
204	2065534.84	1035212.61	805.66	CP204-MN
205	2064836.14	1035213.91	793.70	CP205-IR
206	2064429.47	1035179.17	787.91	CP206-IR
207	2063996.01	1035178.52	786.46	CP207-IR
208	2064022.67	1035089.18	777.98	CP208-MN
209	2062644.21	1035167.50	800.34	CP209-IR
210	2063070.86	1035062.65	799.59	CP210-IR

Point Table				
Point #	Northing	Easting	Elevation	Description
211	2062915.04	1035103.24	794.22	CP211-MN
212	2061895.96	1035193.96	796.30	CP212-XTC
213	2063738.59	1035205.42	792.06	CP213-IR
214	2061460.39	1035124.01	803.67	CP214-XSW
216	2067678.77	1035217.15	810.62	CP216-MN
220	2068986.31	1035243.52	798.45	CP220-+TC
221	2069039.20	1035252.40	797.29	CP221-MN
222	2069455.82	1035242.36	798.04	CP222-MN
337	2066561.88	1035214.47	809.80	CP337-MN
338	2066303.46	1035216.17	805.72	CP338-STK
339	2065369.23	1035211.81	799.32	CP339-STK
340	2070378.13	1034979.90	797.64	CP340-STK
341	2070330.43	1035662.64	789.75	CP341-STK

Point Table				
Point #	Northing	Easting	Elevation	Description
342	2070327.89	1035990.33	797.25	CP342-XTC
343	2070565.00	1034766.85	778.62	CP343-STK
2771	2069862.85	1035205.62	796.10	CP2771-IR
2772	2070376.78	1035248.38	802.83	CP2772-IR
9771	2070304.25	1035764.70	790.31	CP-FIR
24298	2068125.54	1035209.85	804.30	CP24298-+TC
24488	2068484.78	1035211.71	796.87	CP24488-+TC
1002771	2069862.85	1035205.62	796.10	CP2771-IR
2000201	2066782.58	1035219.77	809.80	CP201-MN
2002772	2070376.78	1035248.38	802.83	CP2772-IR
3000202	2065965.32	1035183.75	805.48	CP202-XCN
6000201	2066782.58	1035219.77	809.80	CP201-MN

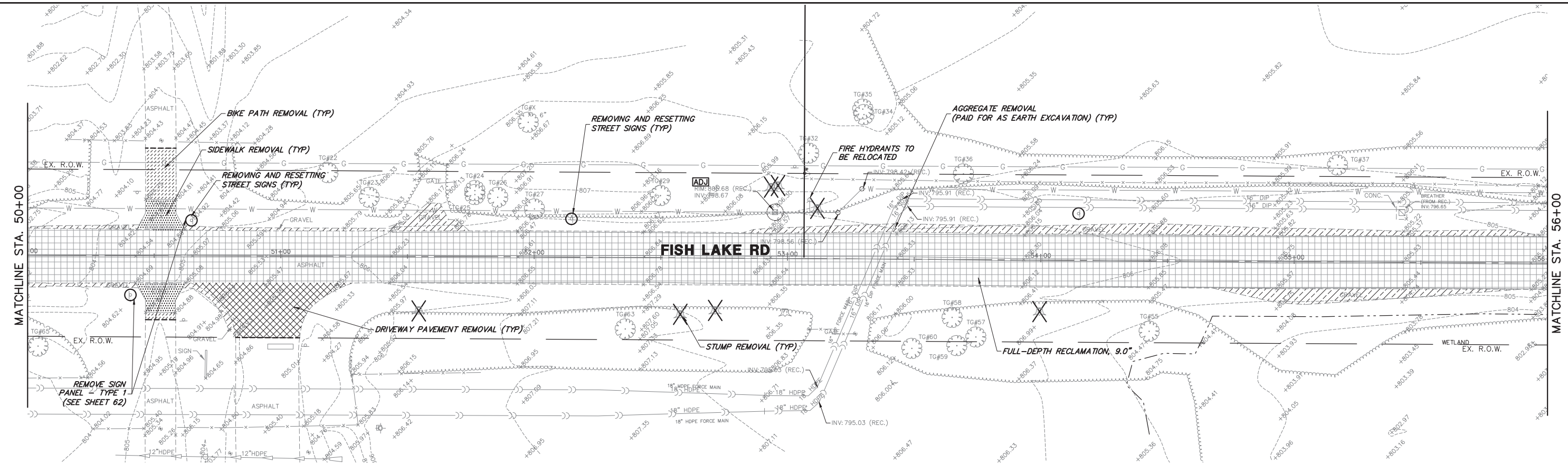
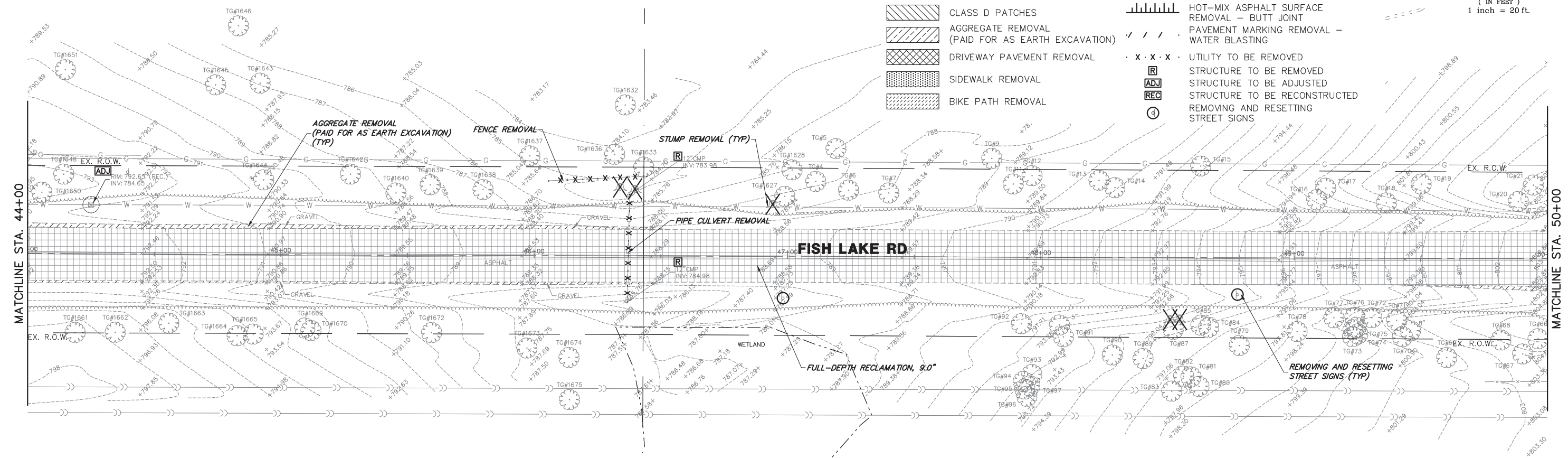
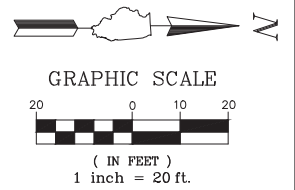


NOTE:
TREE ROOT PRUNING AND TREE TRUNK
PROTECTION FOUND ON SOIL EROSION AND
SEDIMENT CONTROL PLANS, SHEETS: 40-45.

REMOVAL LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- PAVEMENT REMOVAL
- FULL-DEPTH RECLAMATION, 9.0"
- CLASS D PATCHES
- AGGREGATE REMOVAL (PAID FOR AS EARTH EXCAVATION)
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- BIKE PATH REMOVAL

- EXISTING TREE
- STUMP REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- UTILITY TO BE REMOVED
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE RECONSTRUCTED
- REMOVING AND RESETTING STREET SIGNS



FILE NAME = 5867.200_Sht-REM.dwg
USER NAME = DOMINIC OLESAK
PLOT SCALE = 1" = .0833'
PLOT DATE = 12/15/2023 3:35 PM

DESIGNED - MGFC
DRAWN - MGFC
CHECKED - DPB
DATE - 12/18/2023

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
FISH LAKE ROAD IMPROVEMENTS**
SCALE 1"=20'
SHEET NO. 2 OF 6 SHEETS
STA. TO STA.

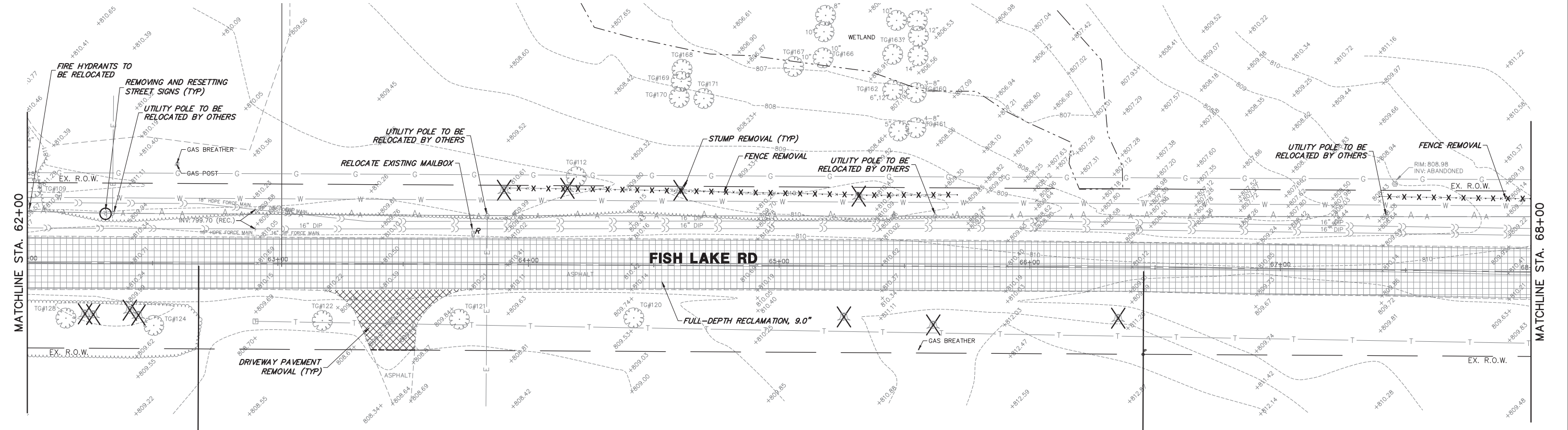
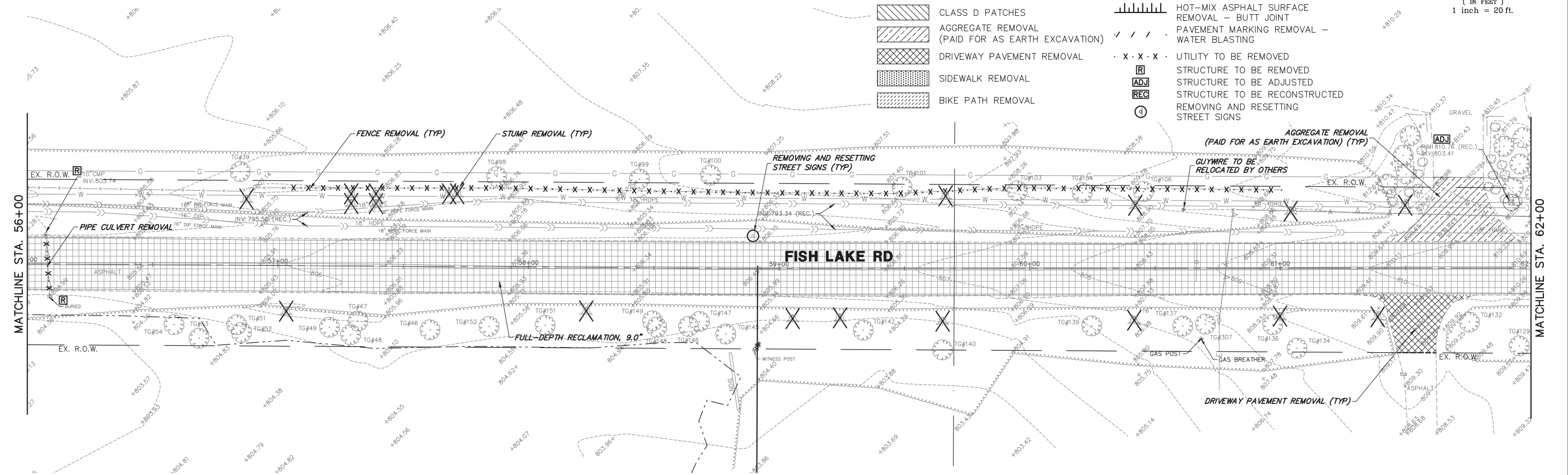
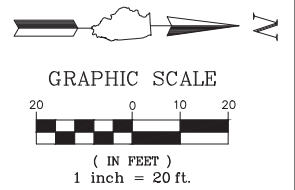
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	20
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				

NOTE:
TREE ROOT PRUNING AND TREE TRUNK
PROTECTION FOUND ON SOIL EROSION AND
SEDIMENT CONTROL PLANS, SHEETS: 40-45.

REMOVAL LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- PAVEMENT REMOVAL
- FULL-DEPTH RECLAMATION, 9.0"
- CLASS D PATCHES
- AGGREGATE REMOVAL (PAID FOR AS EARTH EXCAVATION)
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- BIKE PATH REMOVAL

- EXISTING TREE
- STUMP REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- UTILITY TO BE REMOVED
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE RECONSTRUCTED
- REMOVING AND RESETTNG STREET SIGNS



FILE NAME = 5867.200_Sht-REM.dwg
USER NAME = DOMINIC OLESAK
PLOT SCALE = 1" = .0833'
PLOT DATE = 12/15/2023 3:36 PM

DESIGNED - MGFC
DRAWN - MGFC
CHECKED - DPB
DATE - 12/18/2023

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

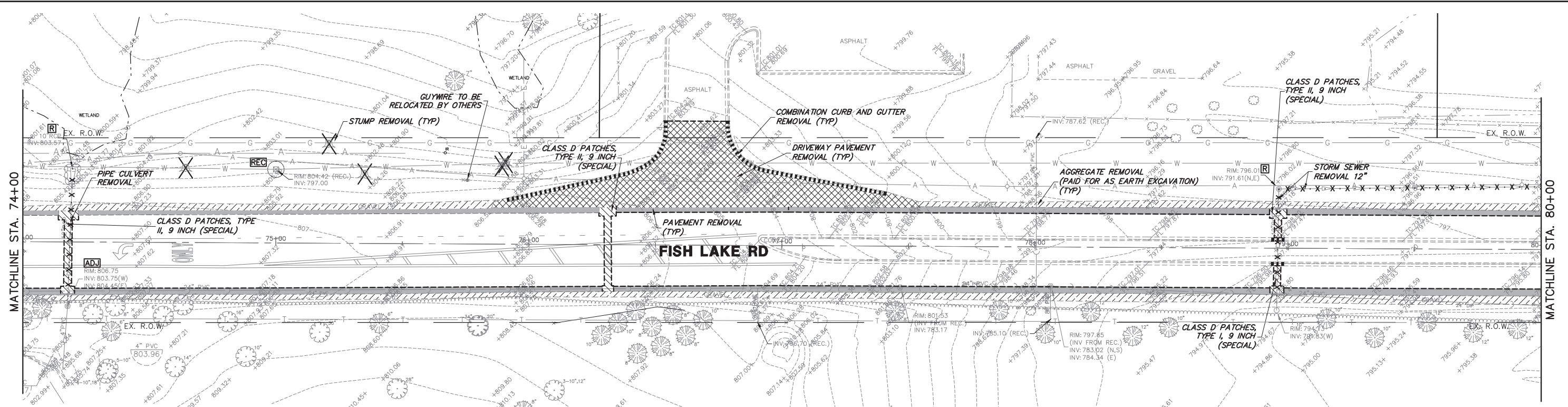
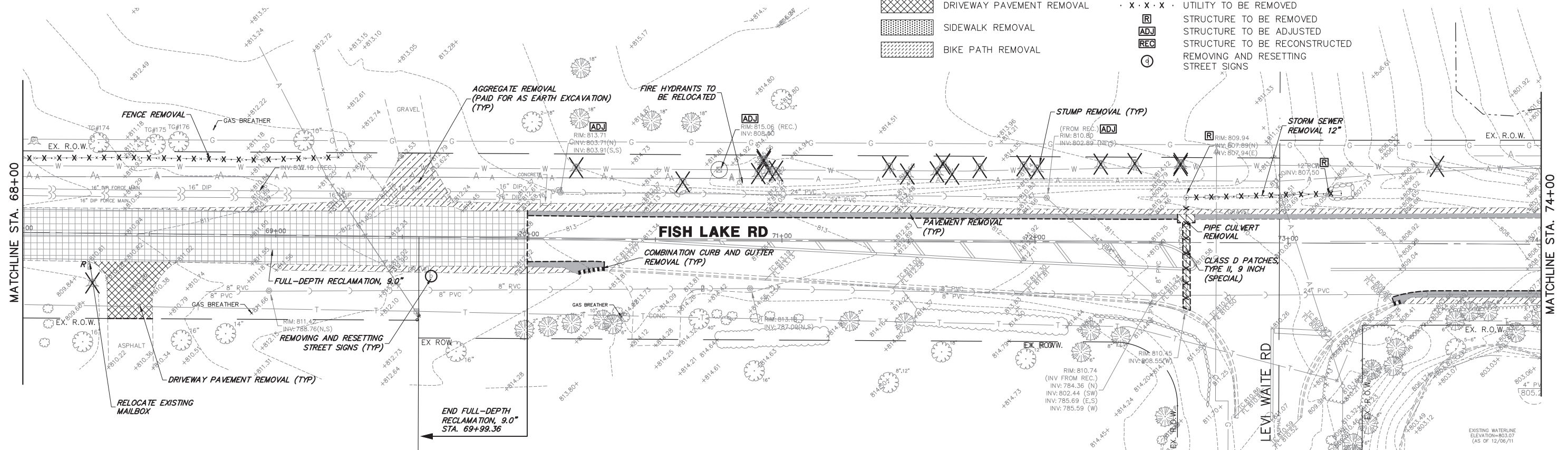
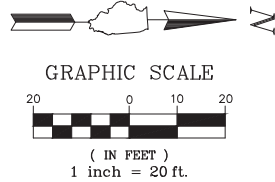
**REMOVAL PLANS
FISH LAKE ROAD IMPROVEMENTS**
SCALE 1"=20'
SHEET NO. 3 OF 6 SHEETS
STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	21
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				

NOTE:
TREE ROOT PRUNING AND TREE TRUNK
PROTECTION FOUND ON SOIL EROSION AND
SEDIMENT CONTROL PLANS, SHEETS: 40-45.

REMOVAL LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- PAVEMENT REMOVAL
- FULL-DEPTH RECLAMATION, 9.0"
- CLASS D PATCHES
- AGGREGATE REMOVAL (PAID FOR AS EARTH EXCAVATION)
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- BIKE PATH REMOVAL
- EXISTING TREE
- STUMP REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- UTILITY TO BE REMOVED
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE RECONSTRUCTED
- REMOVING AND RESETTING STREET SIGNS



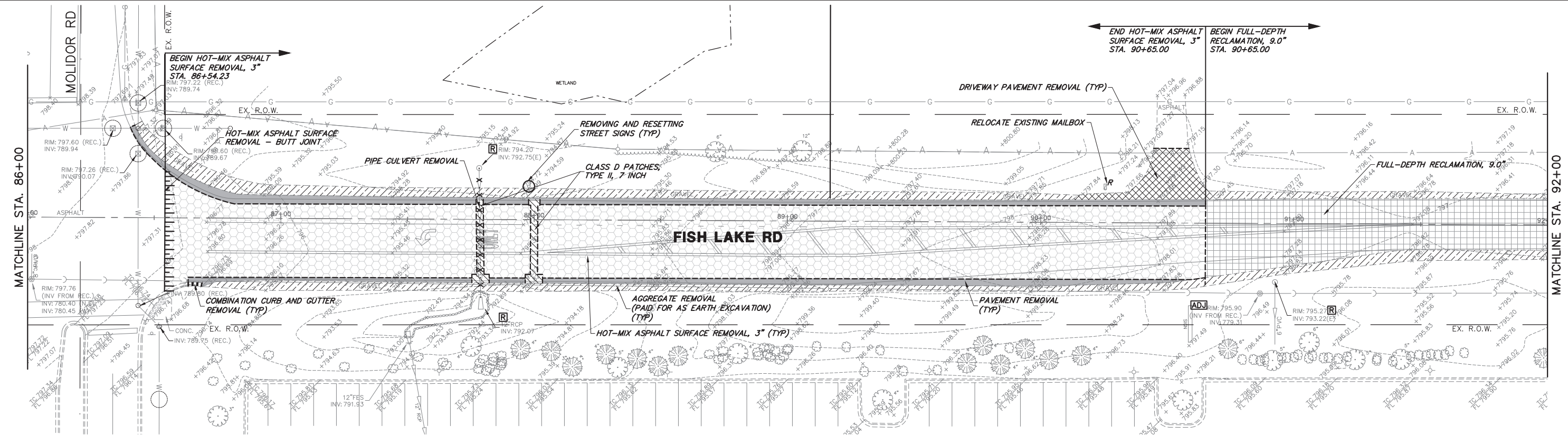
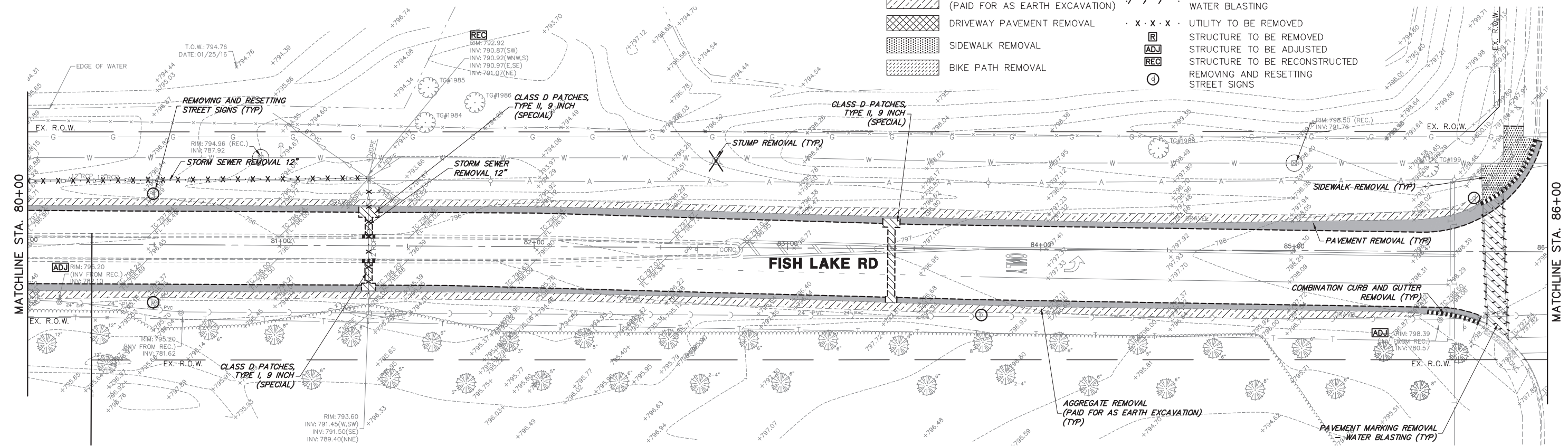
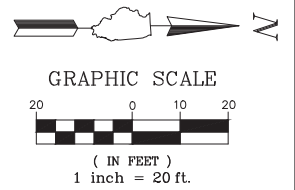
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	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -		0163	15-08113-05-CH	LAKE	112	22			
	PLOT DATE = 12/15/2023 3:37 PM	CHECKED - DPB	REVISED -		SCALE 1"=20'			SHEET NO. 4 OF 6 SHEETS	STA.	TO STA.	CONTRACT # 61K10	
		DATE - 12/18/2023	REVISED -		ILLINOIS FED. AID PROJECT							

NOTE:
 TREE ROOT PRUNING AND TREE TRUNK
 PROTECTION FOUND ON SOIL EROSION AND
 SEDIMENT CONTROL PLANS, SHEETS: 40-45.

REMOVAL LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- PAVEMENT REMOVAL
- FULL-DEPTH RECLAMATION, 9.0"
- CLASS D PATCHES
- AGGREGATE REMOVAL (PAID FOR AS EARTH EXCAVATION)
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- BIKE PATH REMOVAL

- EXISTING TREE
- STUMP REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- UTILITY TO BE REMOVED
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE RECONSTRUCTED
- REMOVING AND RESETTING STREET SIGNS



FILE NAME = 5867.200_Sht-REM.dwg
 USER NAME = DOMINIC OLESAK
 PLOT SCALE = 1" = .0833'
 PLOT DATE = 12/15/2023 3:38 PM

DESIGNED - MGFC
 DRAWN - MGFC
 CHECKED - DPB
 DATE - 12/18/2023

REVISED -
 REVISED -
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 REVISED -



















**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

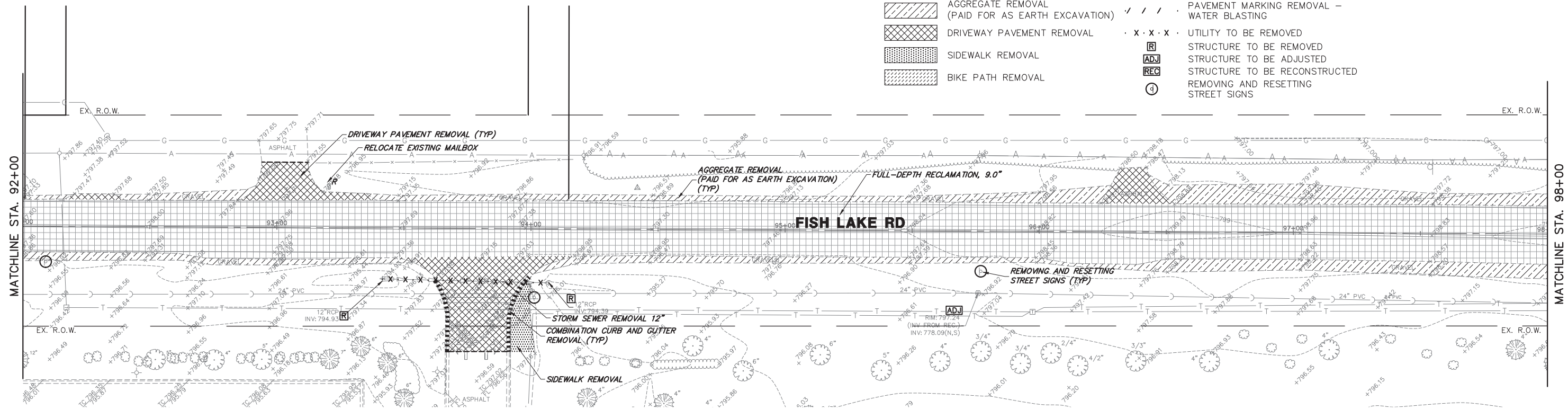
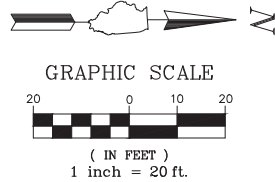
**REMOVAL PLANS
 FISH LAKE ROAD IMPROVEMENTS**
 SCALE 1"=20'
 SHEET NO. 5 OF 6 SHEETS
 STA. TO STA.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	23
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				

NOTE:
 TREE ROOT PRUNING AND TREE TRUNK
 PROTECTION FOUND ON SOIL EROSION AND
 SEDIMENT CONTROL PLANS, SHEETS: 40-45.

REMOVAL LEGEND

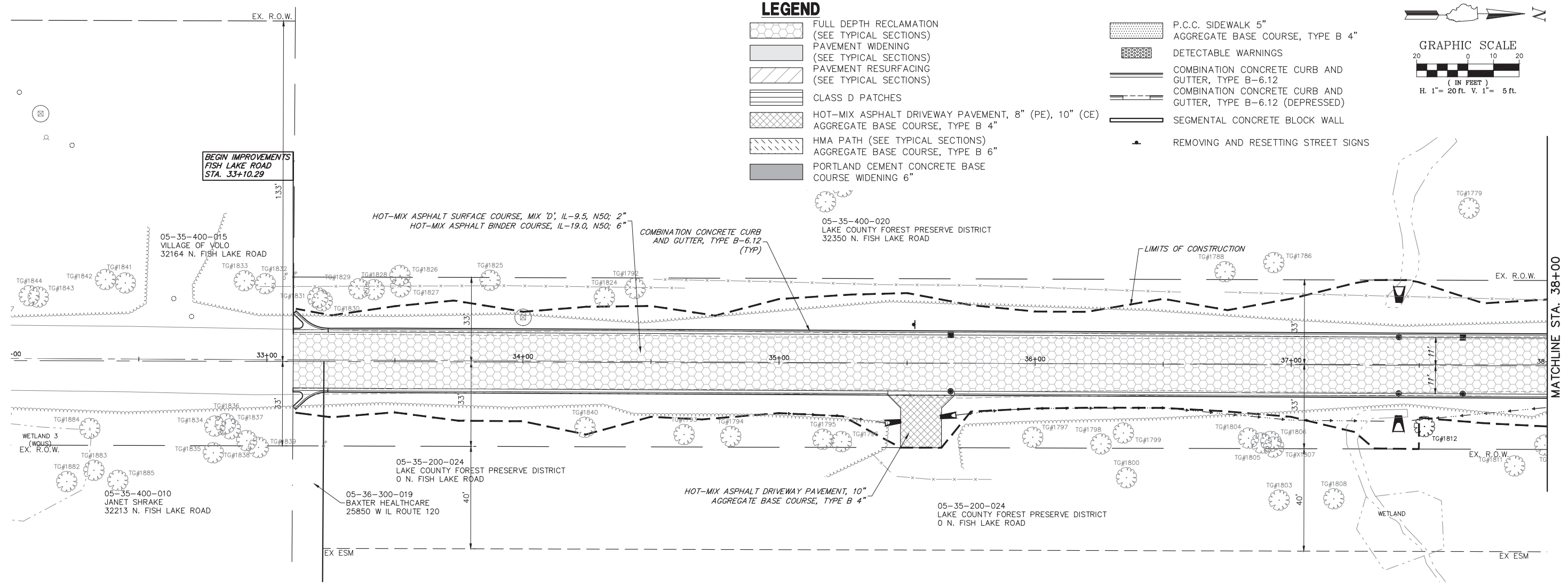
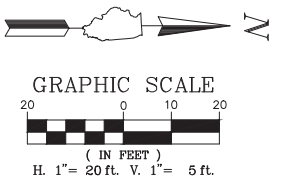
-  HOT-MIX ASPHALT SURFACE REMOVAL, 3"
-  PAVEMENT REMOVAL
-  FULL-DEPTH RECLAMATION, 9.0"
-  CLASS D PATCHES
-  AGGREGATE REMOVAL (PAID FOR AS EARTH EXCAVATION)
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  BIKE PATH REMOVAL
-  EXISTING TREE
-  STUMP REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  PAVEMENT MARKING REMOVAL - WATER BLASTING
-  UTILITY TO BE REMOVED
-  STRUCTURE TO BE REMOVED
-  STRUCTURE TO BE ADJUSTED
-  STRUCTURE TO BE RECONSTRUCTED
-  REMOVING AND RESETTNG STREET SIGNS



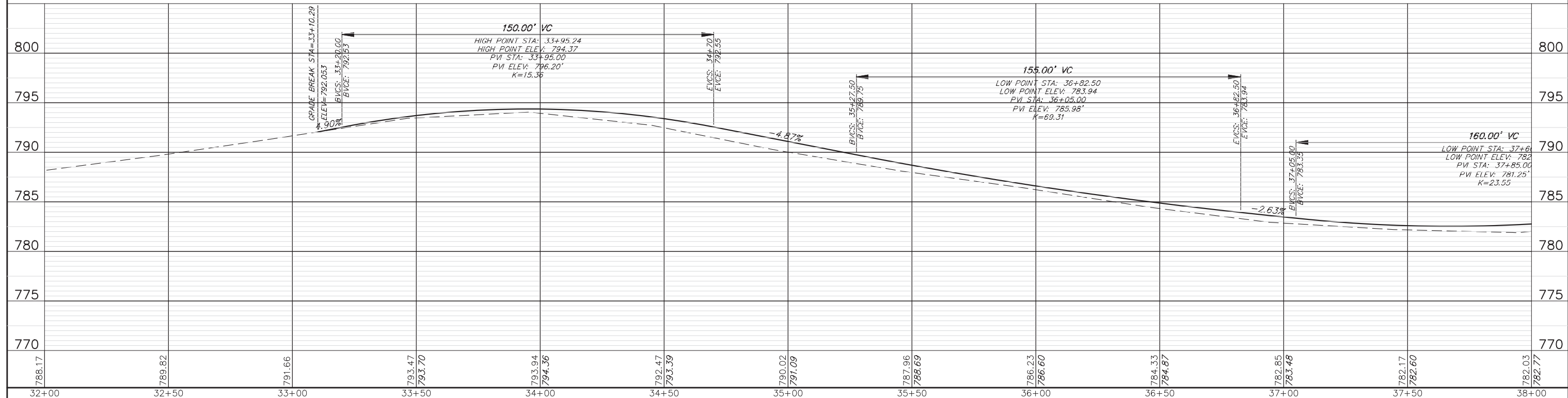
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	PLOT DATE = 12/15/2023 3:39 PM	CHECKED - DPB	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 12/18/2023	REVISED -									

LEGEND

- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- HMA PATH (SEE TYPICAL SECTIONS)
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTING STREET SIGNS



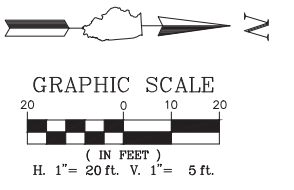
FISH LAKE ROAD



FILE NAME = 5867.200_Sht--PNP.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE FISH LAKE ROAD IMPROVEMENTS	SCALE AS NOTED	SHEET NO. 1 OF 12 SHEETS	STA. 32+00.00 TO STA. 38+00.00	FAU RTE. 0163	SECTION 15--08113--05--CH	COUNTY LAKE	TOTAL SHEETS 112	SHEET NO. 25
PLOT SCALE = 1" = .0833'		CHECKED - DPB	REVISED -		CONTRACT # 61K10				ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/15/2023 3:52 PM		DATE - 12/18/2023	REVISED -										

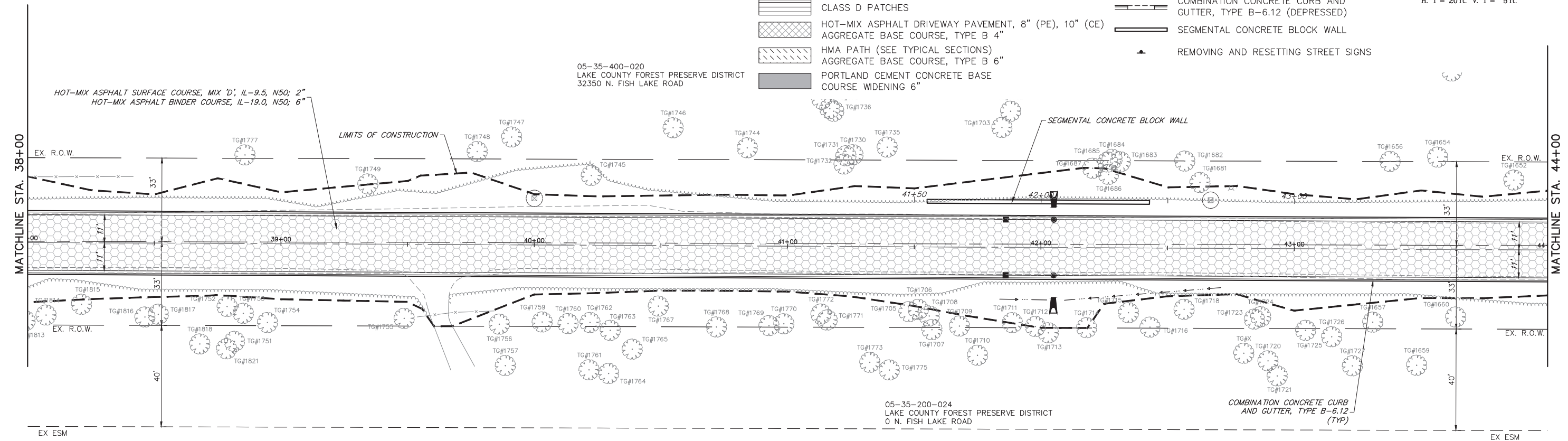
LEGEND

- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- HMA PATH (SEE TYPICAL SECTIONS)
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTNG STREET SIGNS

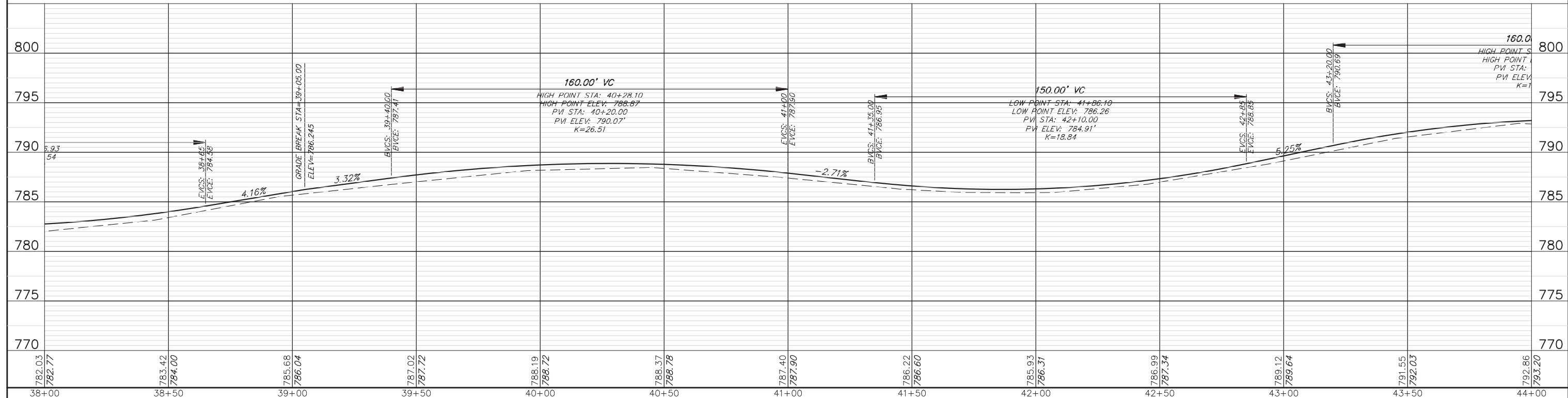


05-35-400-020
LAKE COUNTY FOREST PRESERVE DISTRICT
32350 N. FISH LAKE ROAD

05-35-200-024
LAKE COUNTY FOREST PRESERVE DISTRICT
0 N. FISH LAKE ROAD



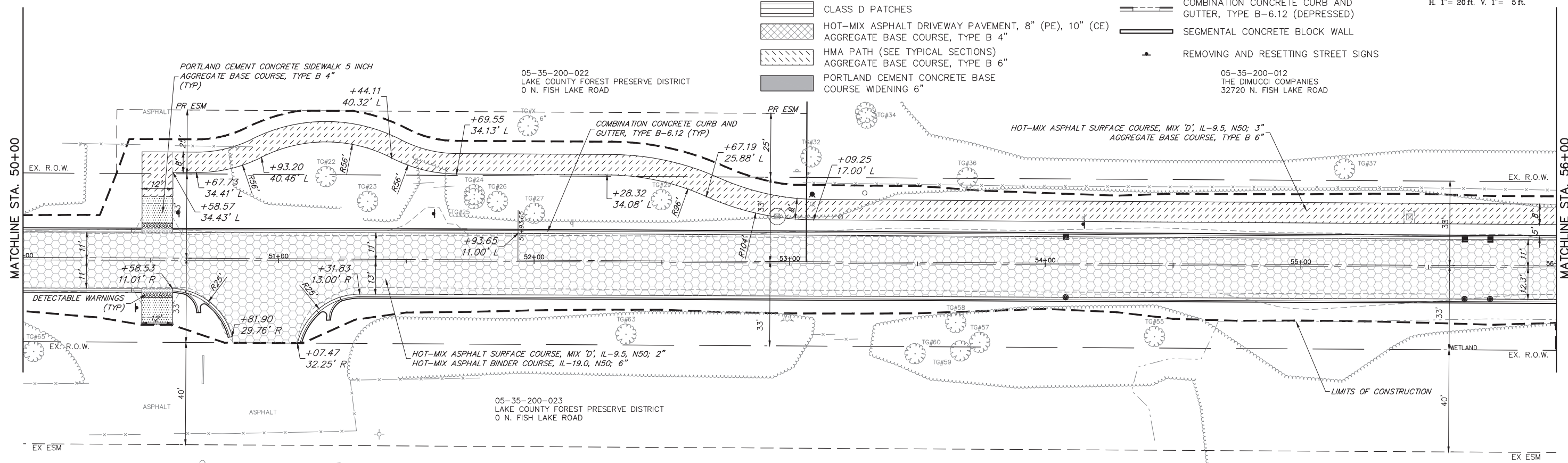
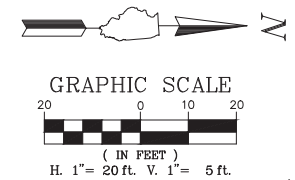
FISH LAKE ROAD



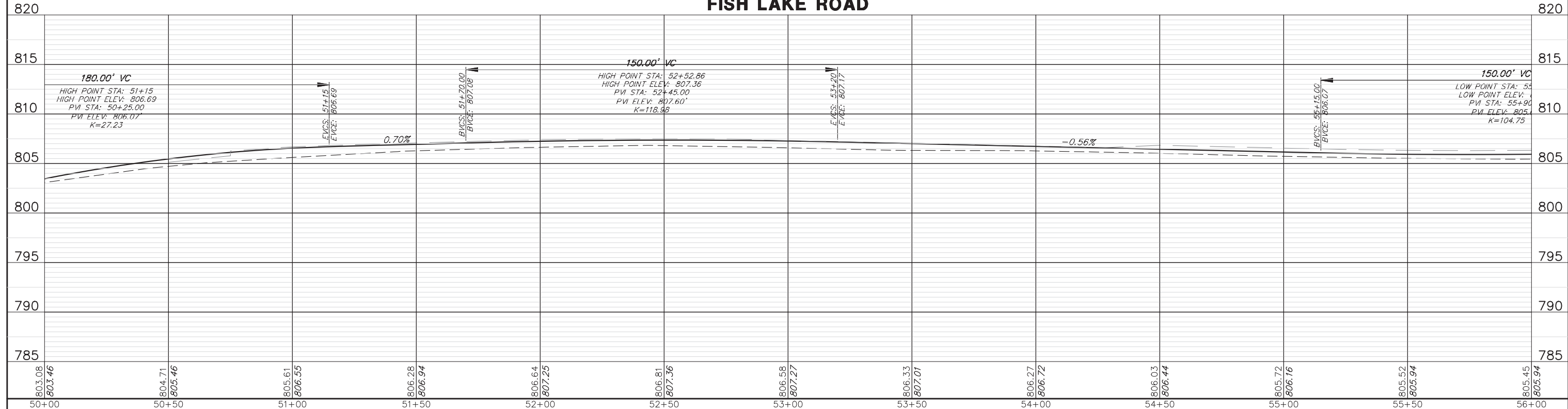
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PLOT SCALE = 1" = .0833'		CHECKED - DPB	REVISED -		SCALE AS NOTED	SHEET NO. 2 OF 12 SHEETS	STA. 38+00.00 TO STA. 44+00.00		CONTRACT #: 61K10		
PLOT DATE = 12/15/2023 3:54 PM		DATE - 12/18/2023	REVISED -		ILLINOIS FED. AID PROJECT						

LEGEND

- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- HMA PATH (SEE TYPICAL SECTIONS)
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTING STREET SIGNS



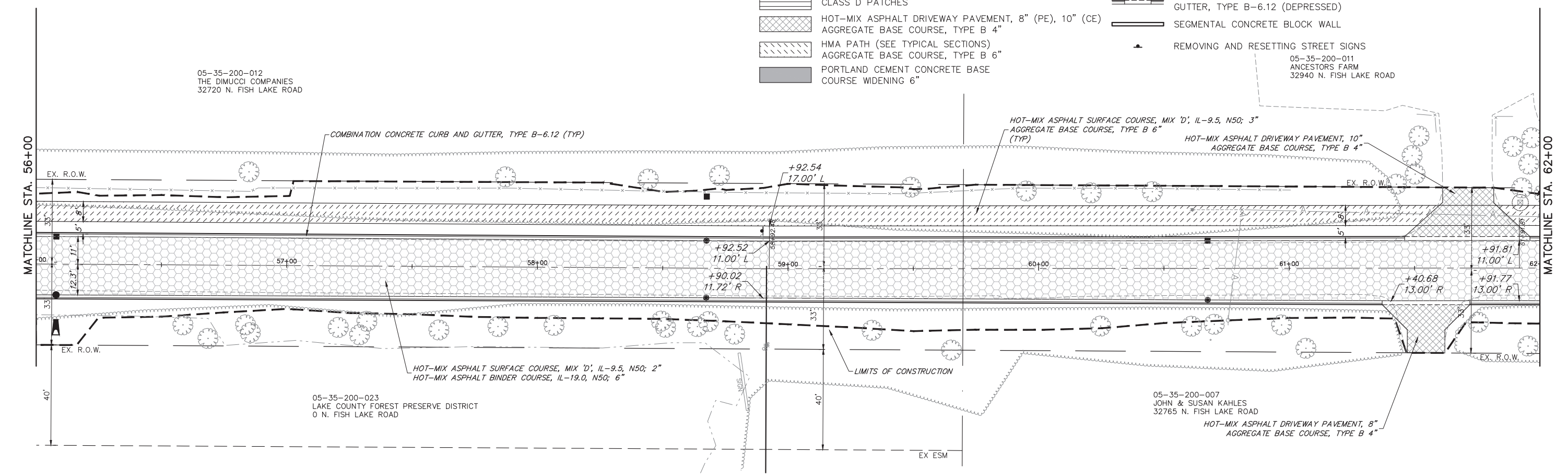
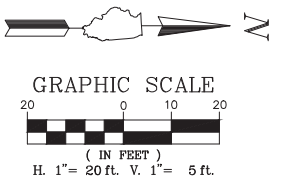
FISH LAKE ROAD



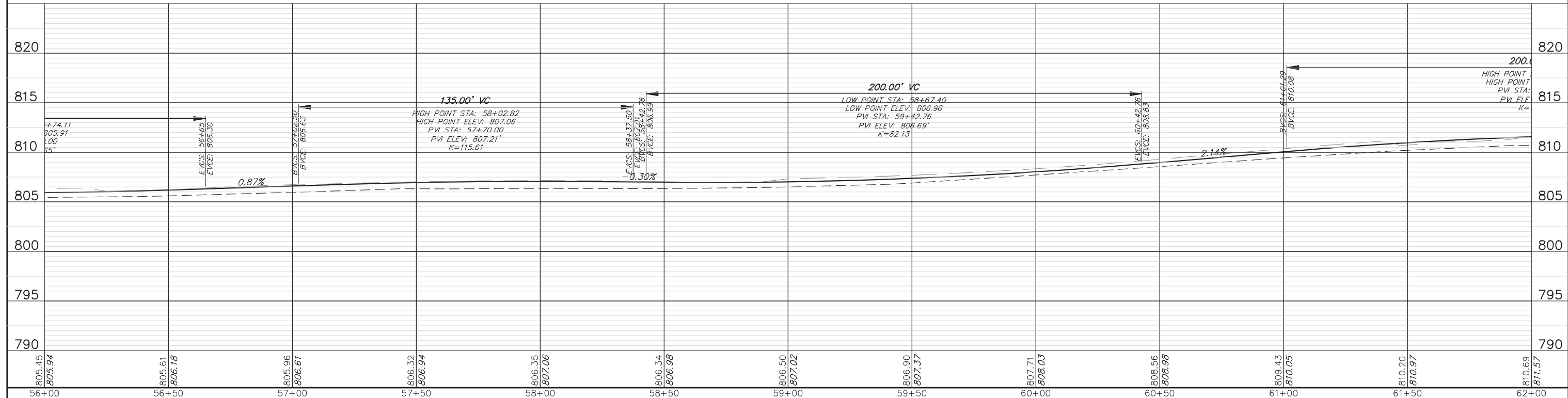
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PLOT SCALE = 1" = .0833'		CHECKED - DPB	REVISED -		CONTRACT # 61K10				ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/15/2023 3:58 PM		DATE - 12/18/2023	REVISED -										

LEGEND

- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- HMA PATH (SEE TYPICAL SECTIONS)
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTING STREET SIGNS



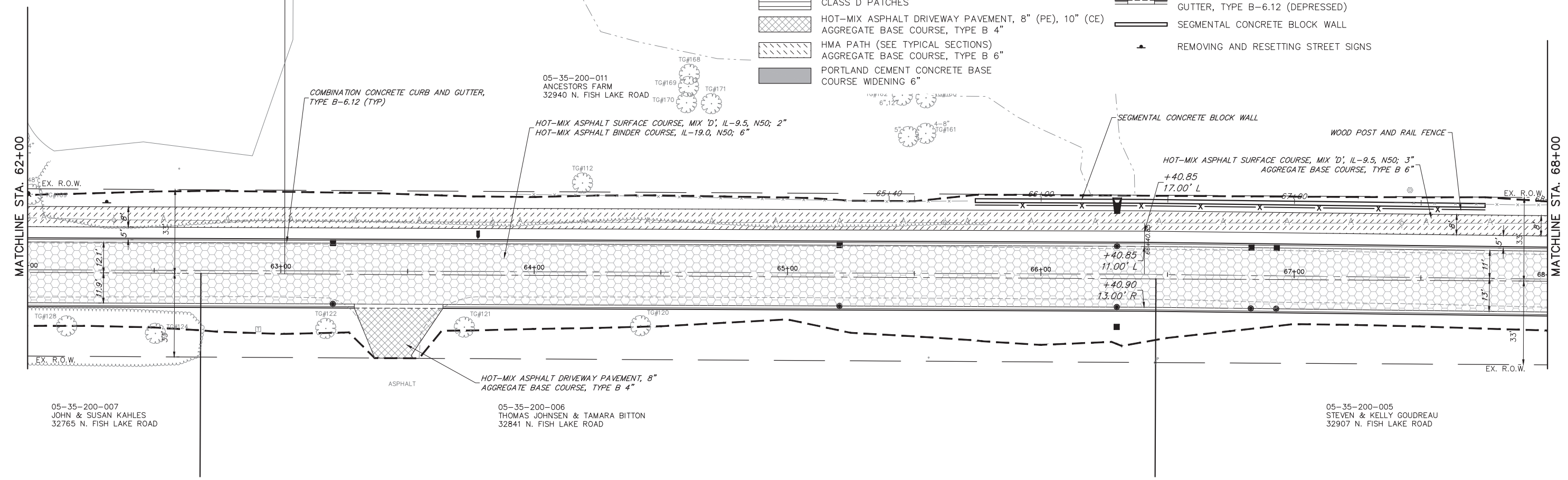
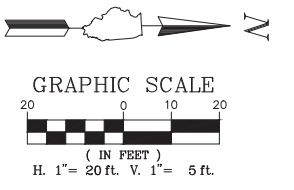
FISH LAKE ROAD



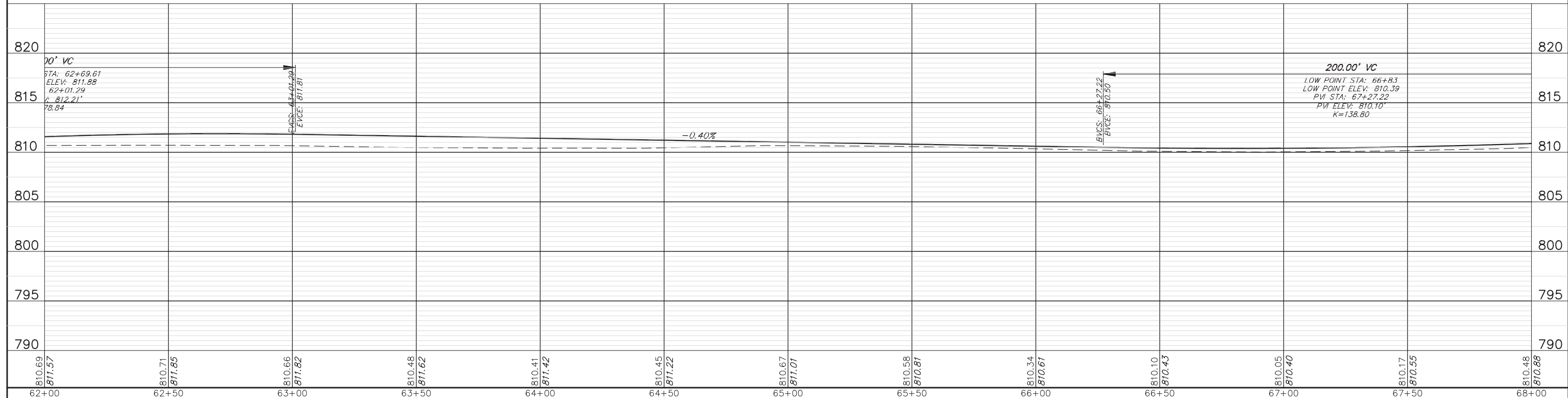
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		DRAWN - MGFC	REVISED -		SCALE AS NOTED	SHEET NO. 5 OF 12 SHEETS	0163	15-08113-05-CH	LAKE	112	29
	PLOT SCALE = 1" = .0833'	CHECKED - DPB	REVISED -		STA. 56+00.00 TO STA. 62+00.00						
	PLOT DATE = 12/15/2023 4:01 PM	DATE - 12/18/2023	REVISED -								CONTRACT # 61K10

LEGEND

- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- HMA PATH (SEE TYPICAL SECTIONS)
- AGGREGATE BASE COURSE, TYPE B 6"
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTNG STREET SIGNS



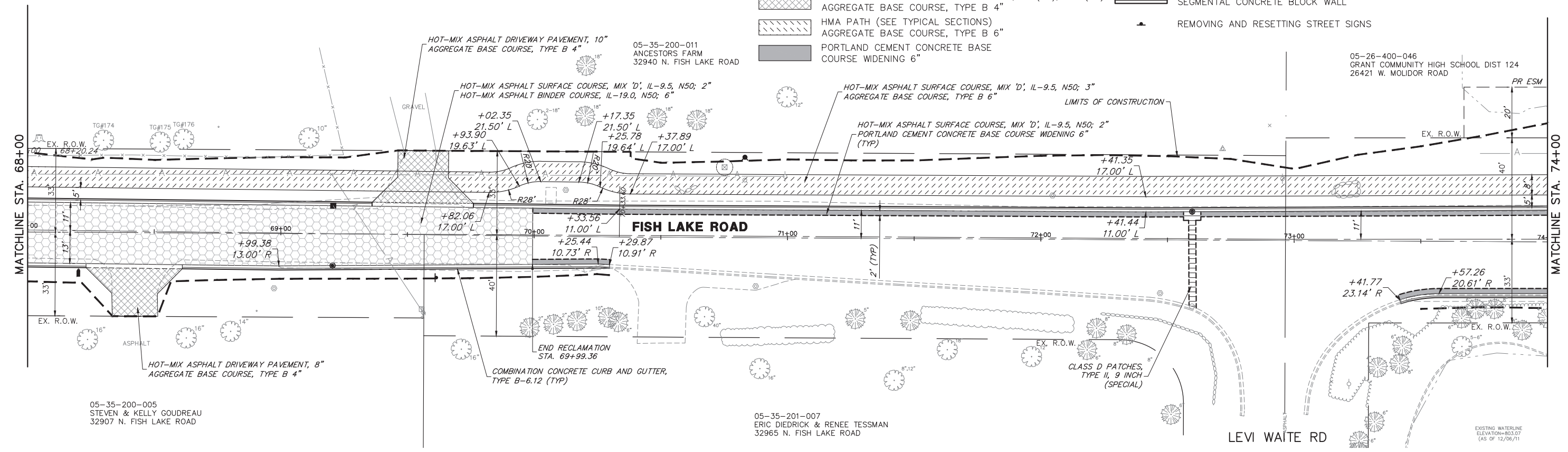
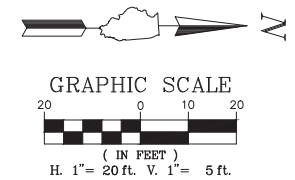
FISH LAKE ROAD



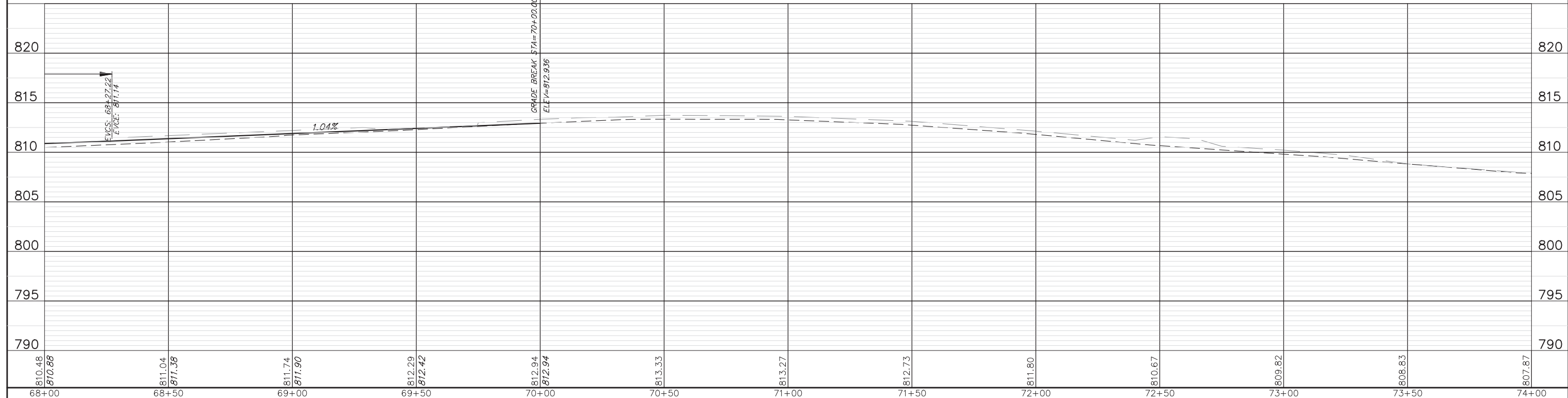
FILE NAME = 5867.200_Sht--PNP.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE FISH LAKE ROAD IMPROVEMENTS	FAU RTE: 0163	SECTION: 15-08113-05-CH	COUNTY: LAKE	TOTAL SHEETS: 112	SHEET NO.: 30	
	PLOT SCALE = 1" = .0833'	CHECKED - DPB	REVISED -		SCALE AS NOTED	SHEET NO. 6 OF 12 SHEETS	STA. 62+00.00 TO STA. 68+00.00		CONTRACT #: 61K10		
	PLOT DATE = 12/15/2023 4:03 PM	DATE - 12/18/2023	REVISED -		ILLINOIS FED. AID PROJECT						

LEGEND

- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- AGGREGATE BASE COURSE, TYPE B 6"
- HMA PATH (SEE TYPICAL SECTIONS)
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTING STREET SIGNS



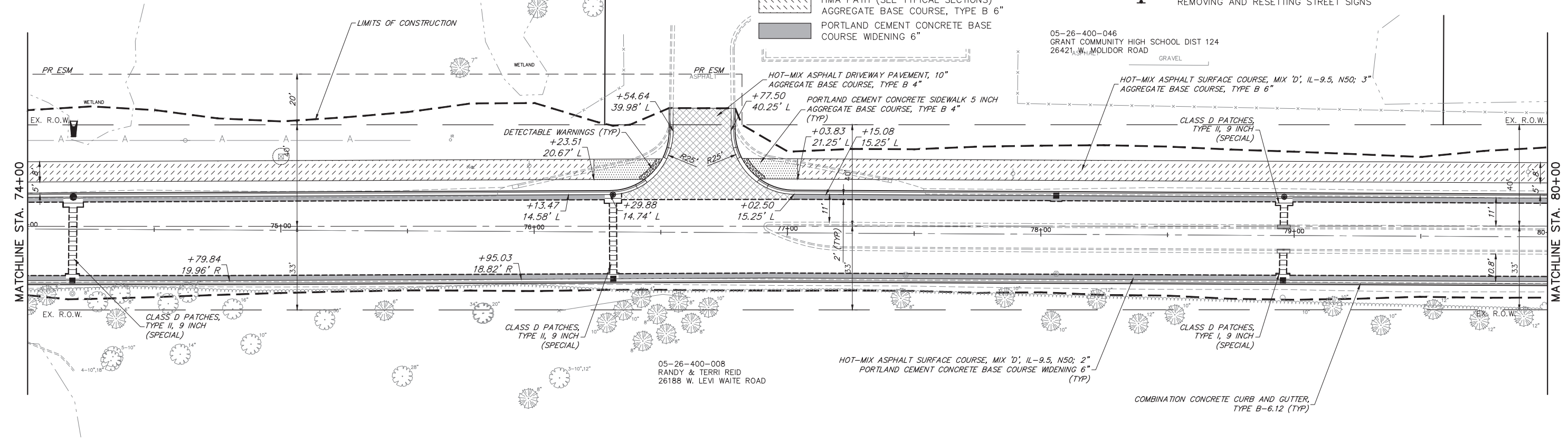
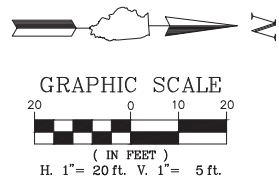
FISH LAKE ROAD



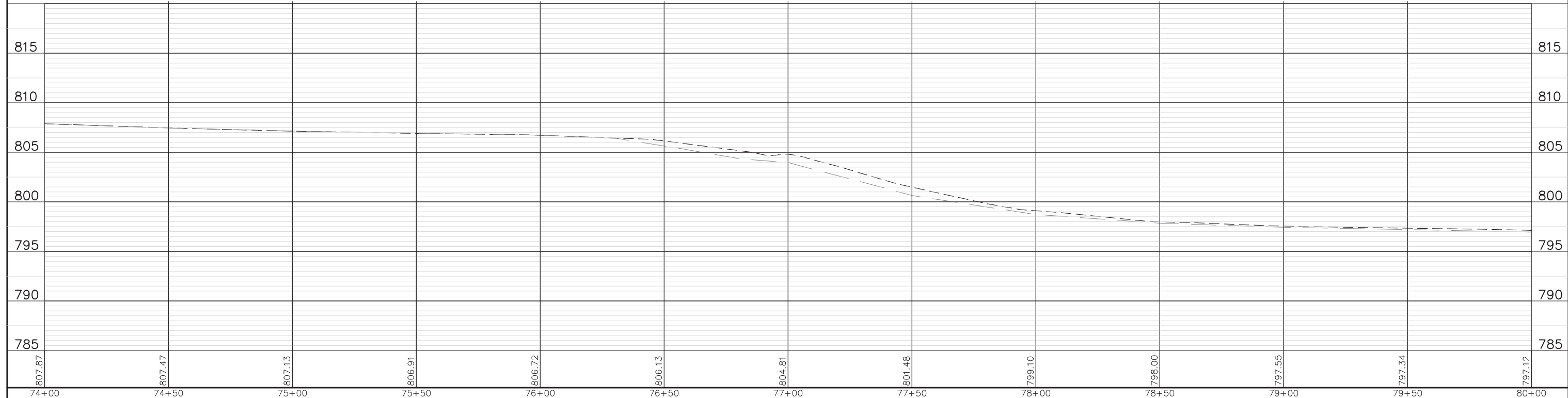
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PLOT SCALE = 1" = .0833'					SCALE AS NOTED	SHEET NO. 7 OF 12 SHEETS	STA. 68+00.00 TO STA. 74+00.00		CONTRACT # 61K10		
PLOT DATE = 12/15/2023 4:05 PM					DATE - 12/18/2023	ILLINOIS FED. AID PROJECT					
					REVISED -						

LEGEND

- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- HMA PATH (SEE TYPICAL SECTIONS)
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTING STREET SIGNS



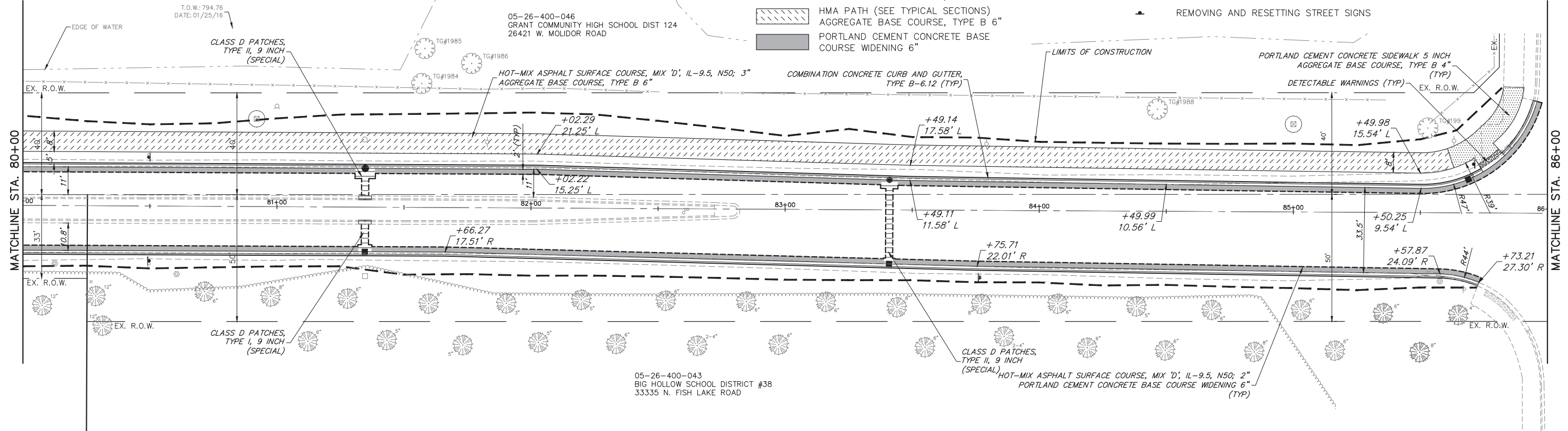
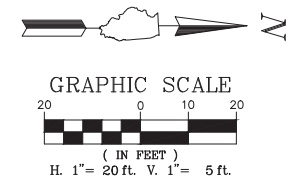
FISH LAKE ROAD



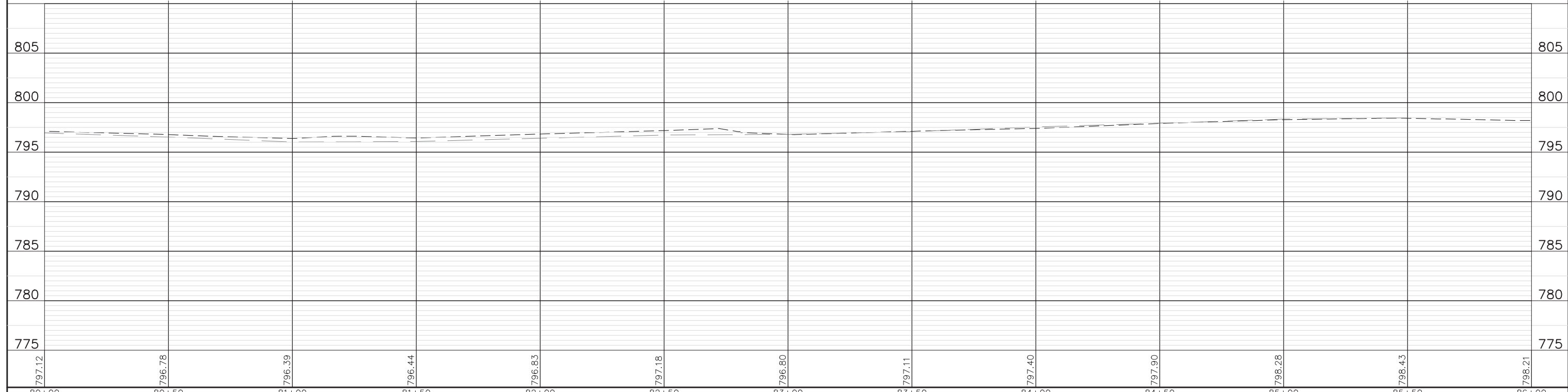
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PLOT SCALE = 1" = .0833'					SCALE AS NOTED	SHEET NO. 8 OF 12 SHEETS	STA. 74+00.00 TO STA. 80+00.00		CONTRACT # 61K10		
PLOT DATE = 12/15/2023 4:07 PM					DATE - 12/18/2023	ILLINOIS FED. AID PROJECT					

LEGEND

- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- HMA PATH (SEE TYPICAL SECTIONS)
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTING STREET SIGNS



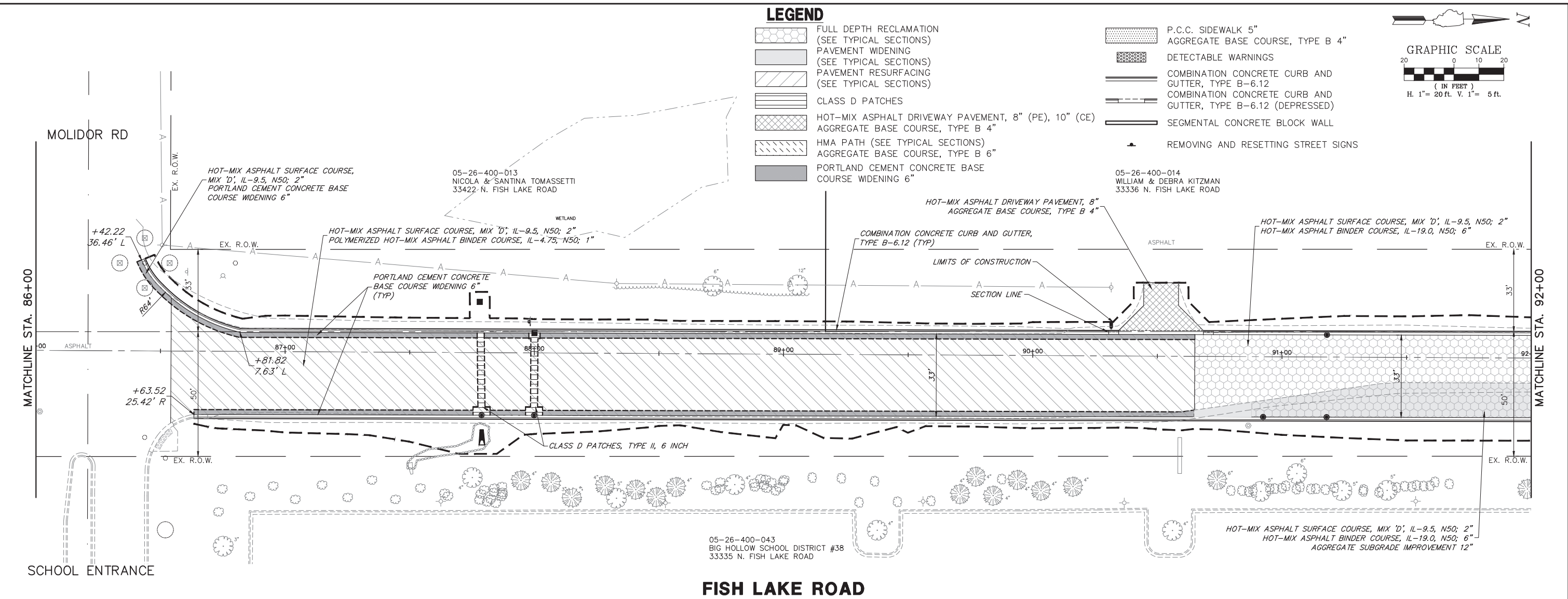
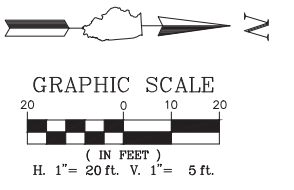
FISH LAKE ROAD



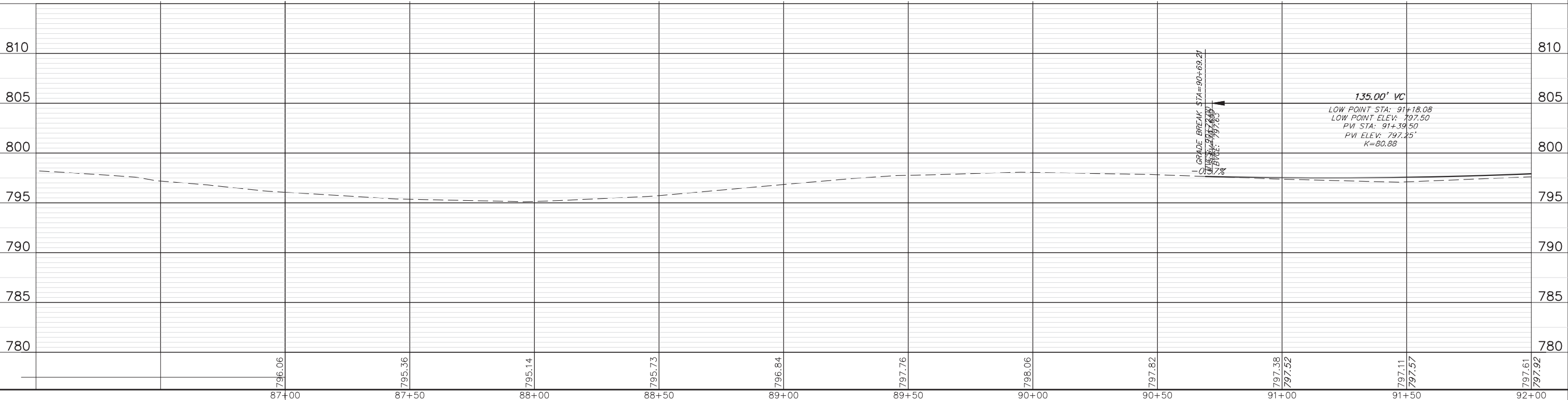
FILE NAME = 5867.200_Sht--PNP.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE FISH LAKE ROAD IMPROVEMENTS	FAU RTE. 0163	SECTION 15-08113-05-CH	COUNTY LAKE	TOTAL SHEETS 112	SHEET NO. 33	
PLOT SCALE = 1" = .0833'		CHECKED - DPB	REVISED -		SCALE AS NOTED	SHEET NO. 9 OF 12 SHEETS	STA. 80+00.00 TO STA. 86+00.00		CONTRACT # 61K10		
PLOT DATE = 12/15/2023 4:08 PM		DATE - 12/18/2023	REVISED -		ILLINOIS FED. AID PROJECT						

LEGEND

- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- HMA PATH (SEE TYPICAL SECTIONS)
- AGGREGATE BASE COURSE, TYPE B 6"
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTING STREET SIGNS



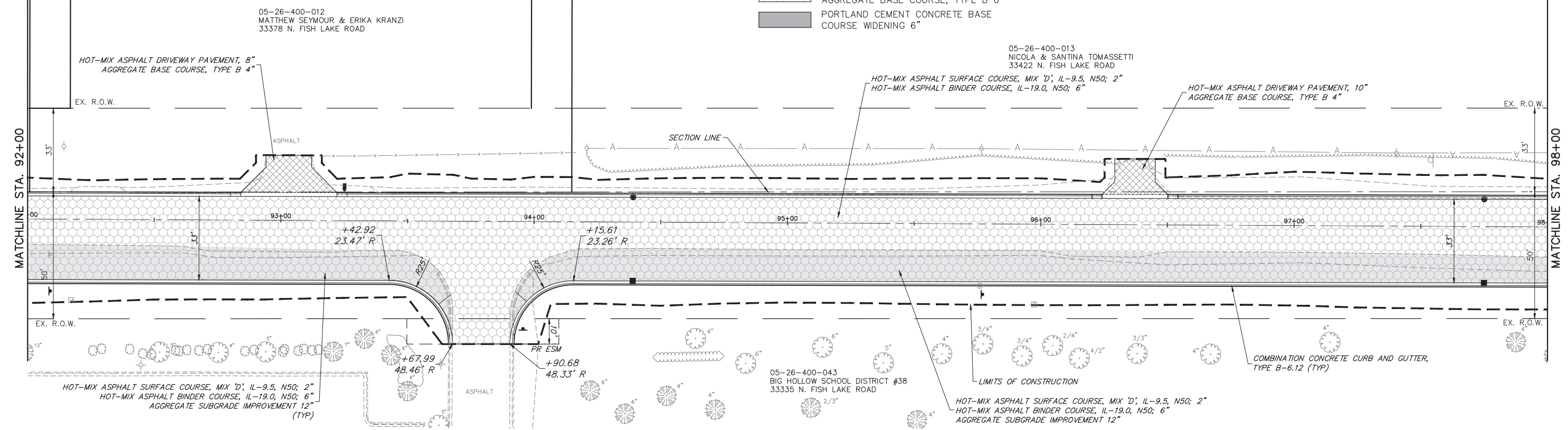
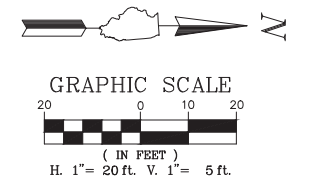
FISH LAKE ROAD



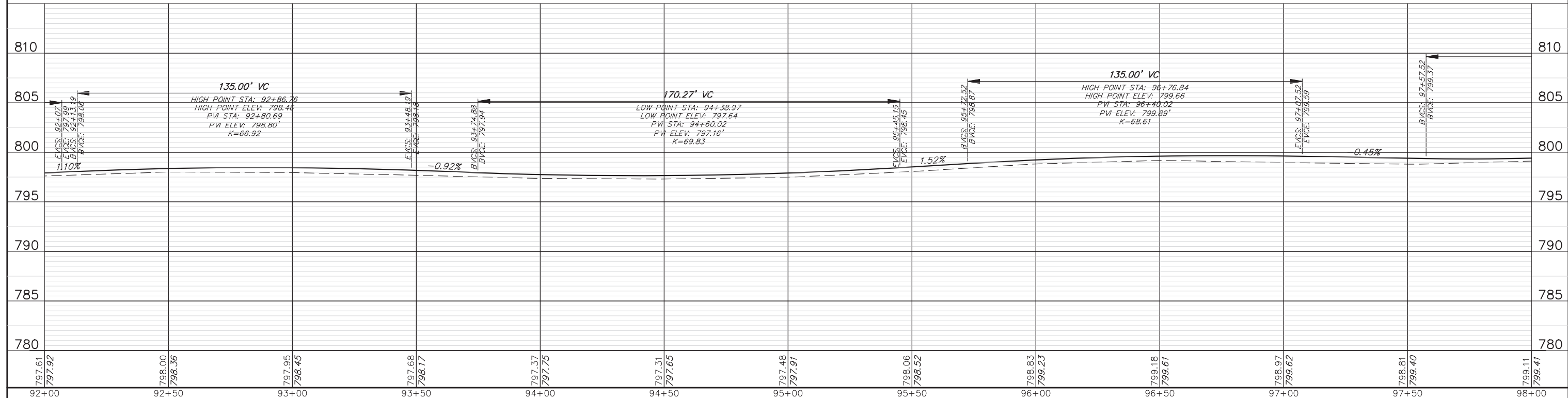
FILE NAME = 5867.200_Sht-PNP.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE FISH LAKE ROAD IMPROVEMENTS	FAU RTE. 0163	SECTION 15-08113-05-CH	COUNTY LAKE	TOTAL SHEETS 112	SHEET NO. 34	
PLOT SCALE = 1" = .0833'					SCALE AS NOTED	SHEET NO. 10 OF 12 SHEETS	STA. 86+00.00 TO STA. 92+00.00		CONTRACT # 61K10		
PLOT DATE = 12/15/2023 4:11 PM					DATE - 12/18/2023	ILLINOIS FED. AID PROJECT					

LEGEND

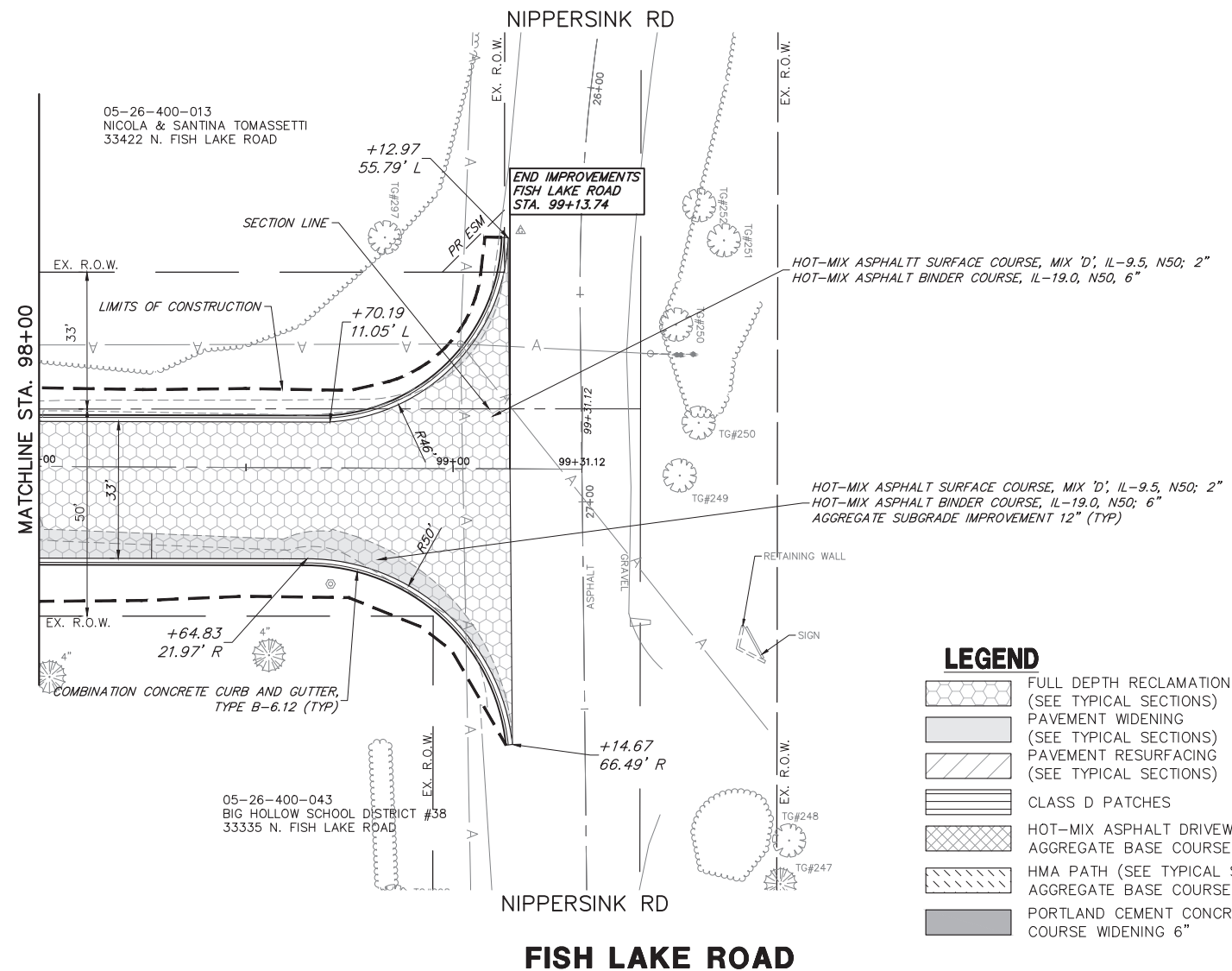
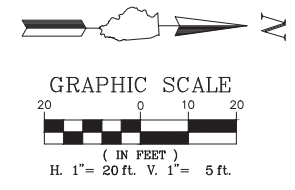
- FULL DEPTH RECLAMATION (SEE TYPICAL SECTIONS)
- PAVEMENT WIDENING (SEE TYPICAL SECTIONS)
- PAVEMENT RESURFACING (SEE TYPICAL SECTIONS)
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (PE), 10" (CE)
- HMA PATH (SEE TYPICAL SECTIONS)
- PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- P.C.C. SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DEPRESSED)
- SEGMENTAL CONCRETE BLOCK WALL
- REMOVING AND RESETTING STREET SIGNS



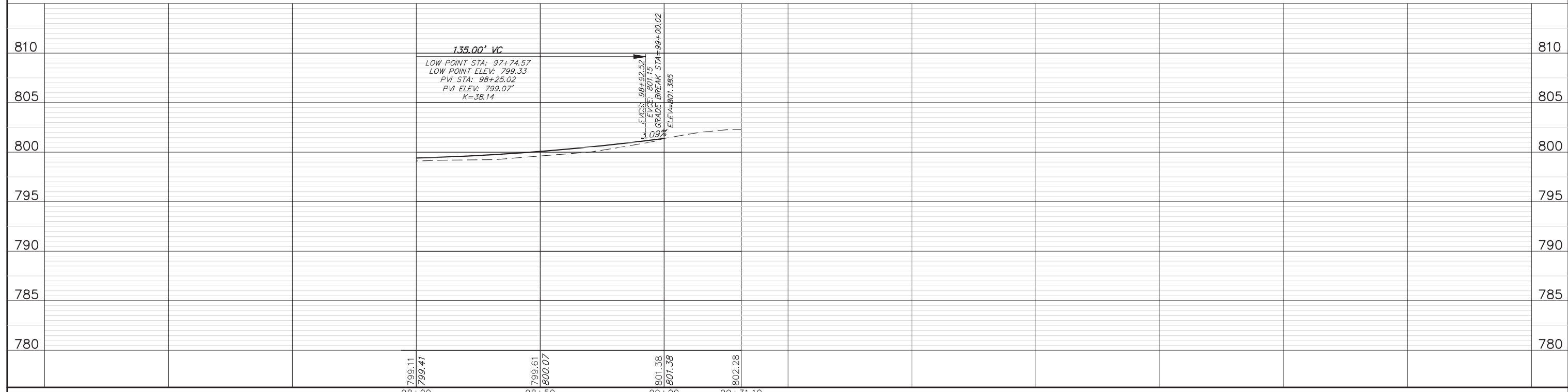
FISH LAKE ROAD



FILE NAME = 5867.200_Sht--PNP.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE FISH LAKE ROAD IMPROVEMENTS	FAU RTE: 0163	SECTION: 15-08113-05-CH	COUNTY: LAKE	TOTAL SHEETS: 112	SHEET NO.: 35	
PLOT SCALE = 1" = .0833'					SCALE AS NOTED	SHEET NO. 11 OF 12 SHEETS	STA. 92+00.00 TO STA. 98+00.00		CONTRACT #: 61K10		
PLOT DATE = 12/15/2023 4:13 PM					DATE - 12/18/2023	ILLINOIS FED. AID PROJECT					
					REVISED -						



FISH LAKE ROAD



FILE NAME = 5867.200_Sht--PNP.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	36	
		CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED SHEET NO. 12 OF 12 SHEETS STA. 98+00.00 TO STA. END							

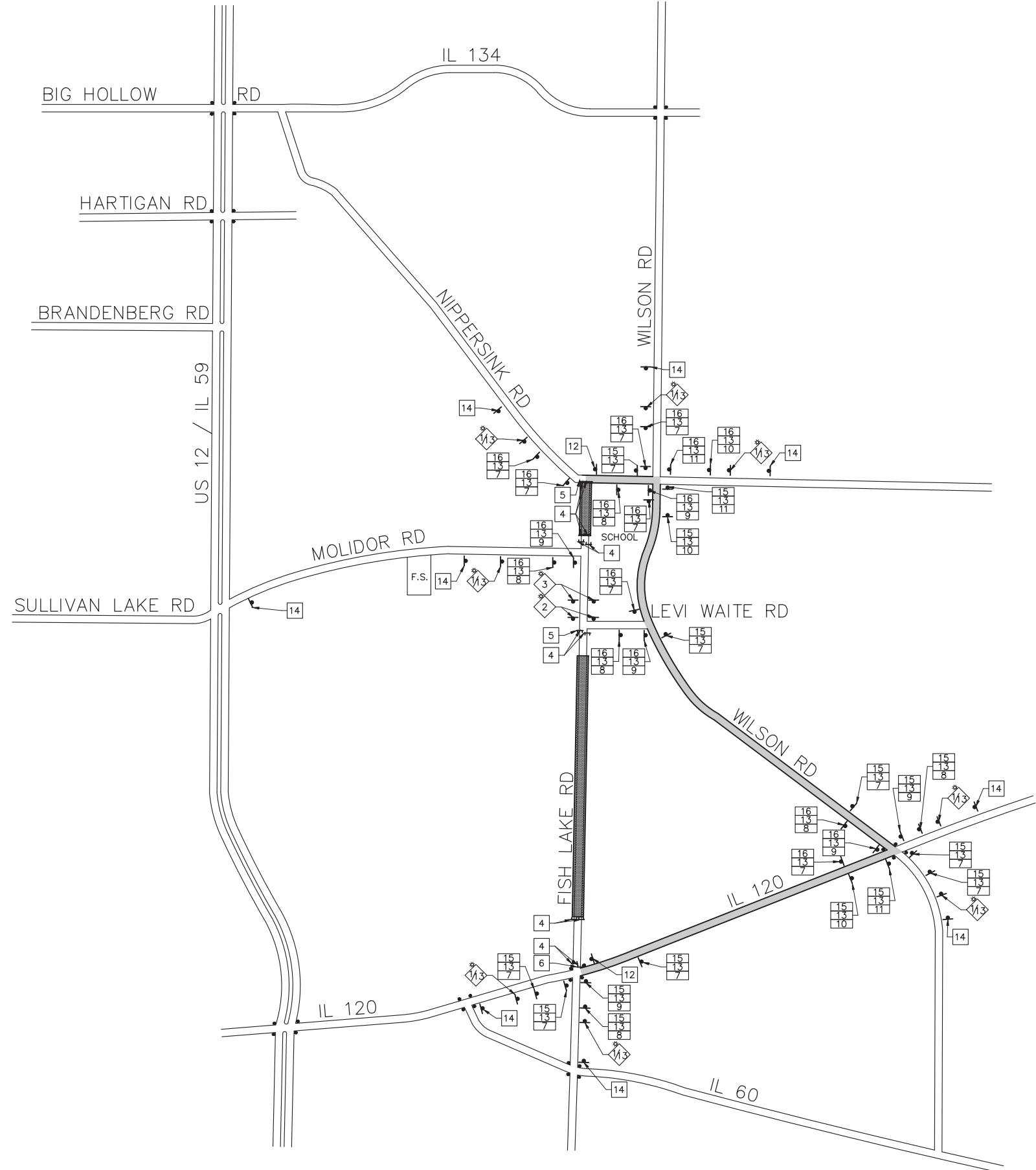


LEGEND

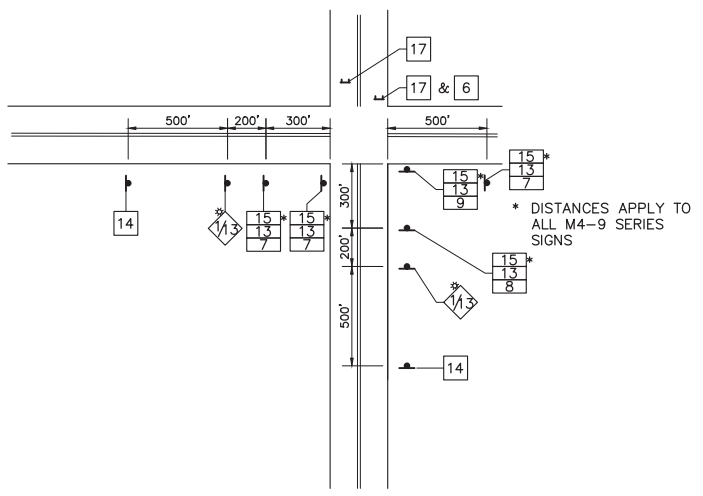
- SIGNALIZED INTERSECTION
- W20-1 48 IN. x 48 IN. CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT. NUMBER DENOTES TYPE
- M4-9 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES. NUMBER DENOTES TYPE
- OTHER DETOUR SIGNS NUMBER DENOTES TYPE
- TYPE III BARRICADES WITH AMBER FLASHING LIGHTS
- PROPOSED CONSTRUCTION SIGN
- DETOUR ROUTE
- PROJECT LOCATION

- SEQUENCE OF CONSTRUCTION:
1. FOR PHASE 1, THE CONTRACTOR SHALL CLOSE FISH LAKE ROAD FROM IL ROUTE 120 TO LEVI WAITE ROAD FOR RECLAMATION AND REGRADING OF STONE BASE.
 2. FOR PHASE 2, THE CONTRACTOR SHALL CLOSE FISH LAKE ROAD FROM MOLIDOR ROAD TO NIPPERSINK ROAD FOR RECLAMATION AND REGRADING OF STONE BASE.

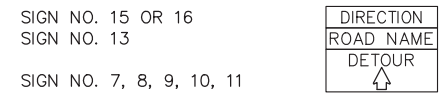
- DETOUR NOTES:
1. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO THE DETOUR GENERAL NOTES. SEE SHEET 37 FOR THE DETOUR GENERAL NOTES.
 2. SEE SHEET 39 FOR INFORMATION ON THE DESIGN AND LOCATION OF THE DETOUR INFORMATION SIGNS.
 3. A MINIMUM OF NINE (9) TYPE III BARRICADES WILL BE NEEDED FOR THIS DETOUR AND ROAD CLOSURE. SEE DETOUR GENERAL NOTE 10.



TYPICAL INTERSECTION AT POINT OF DETOUR



TYPICAL DETOUR SIGN ASSEMBLY



FILE NAME = 5867.200_Sht-DETOUR PLAN.dwg	USER NAME = MARK COBB	DESIGNED - MGFC	REVISED -
		DRAWN - MGFC	REVISED -
		CHECKED - DPB	REVISED -
		DATE - 12/18/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

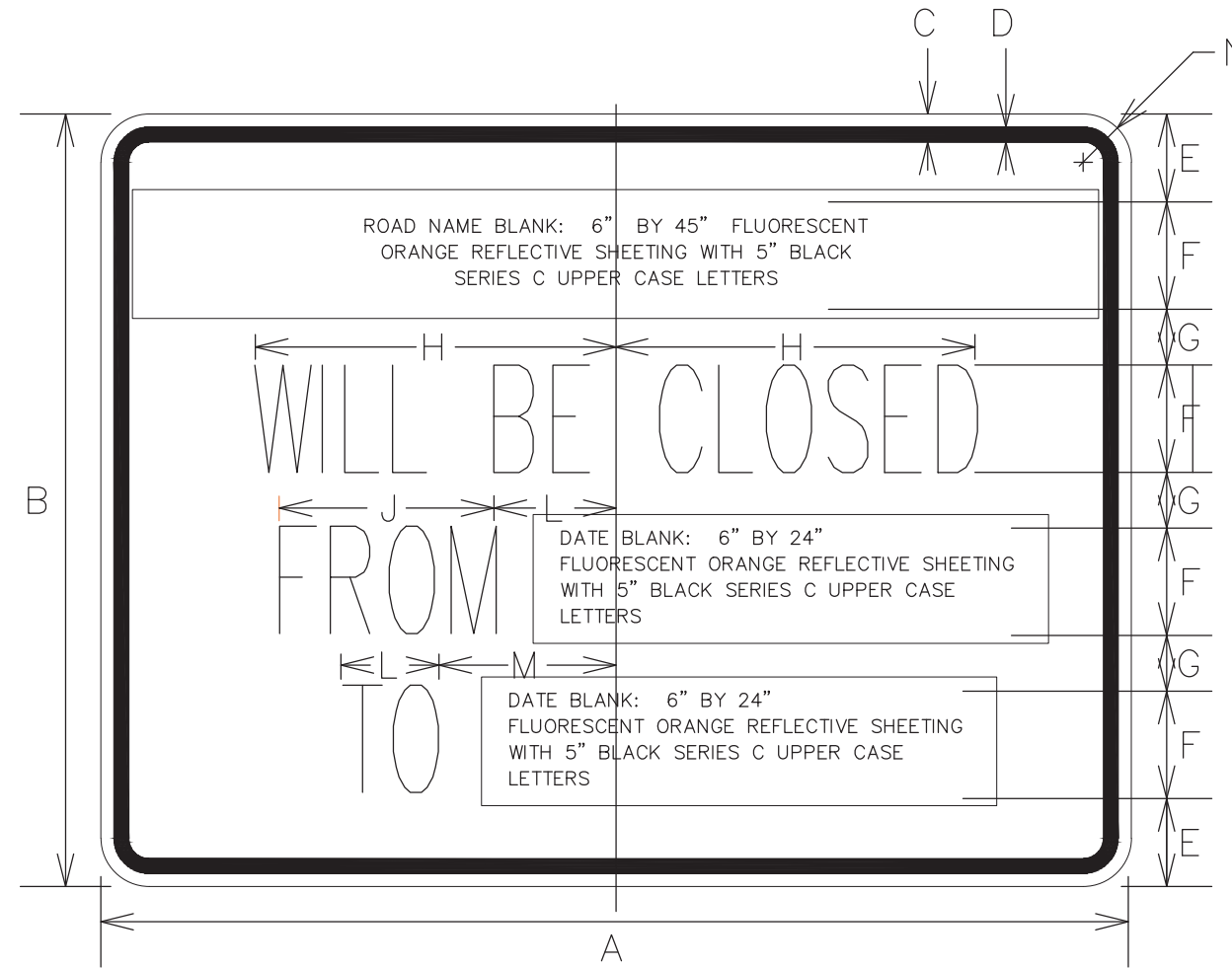
DETOUR PLAN FISH LAKE ROAD IMPROVEMENTS			
SCALE N.T.S.	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	38
CONTRACT #:			61K10	
ILLINOIS FED. AID PROJECT				

NUMBER OF SIGNS 8



DATES SHOWN ARE FOR EXAMPLE ONLY



DIMENSIONS (ENGLISH)

- A 48"
- B 36"
- C 5/8"
- D 7/8"
- E 4 1/8"
- F 5"
- G 2 5/8"
- H 9 3/4"
- J 12"
- K 5 1/2"
- L 5 1/2"
- M 8 1/2"
- N 2 1/4"

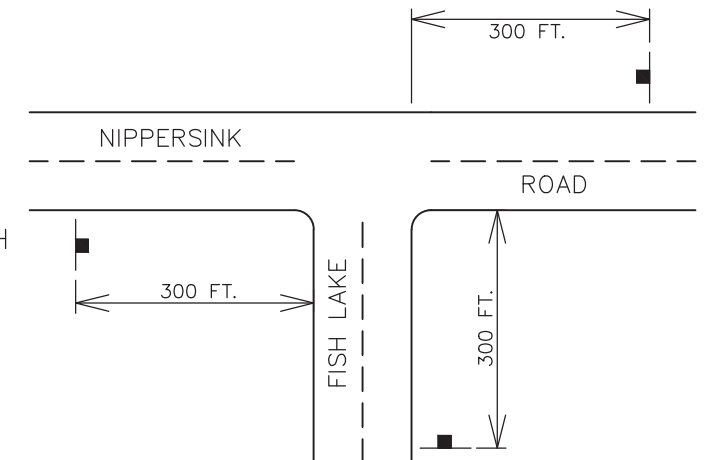
NOTE: SIGN SHEETING SHALL BE FLUORESCENT ORANGE WITH 5 INCH (125 mm) BLACK SERIES C LETTERS

LOCATIONS OF PRE-DETOUR INFORMATION SIGNS BY INTERSECTION

- N.B. FISH LAKE ROAD APPROACHING NIPPERSINK ROAD
- E.B. NIPPERSINK ROAD APPROACHING FISH LAKE ROAD
- W.B. NIPPERSINK ROAD APPROACHING FISH LAKE ROAD
- E.B. MOLIDOR ROAD APPROACHING FISH LAKE ROAD
- N.B. FISH LAKE ROAD APPROACHING IL RTE. 120
- E.B. IL RTE. 120 APPROACHING FISH LAKE ROAD
- S.B. FISH LAKE ROAD APPROACHING IL RTE. 120
- W.B. IL RTE. 120 APPROACHING FISH LAKE ROAD














NOTE:
THESE SIGNS SHALL BE INSTALLED 14 CALENDAR DAYS PRIOR TO THE DETOUR AND ROAD CLOSURE. THE SIGNS SHALL BE REMOVED THE DAY THE DETOUR BEGINS.

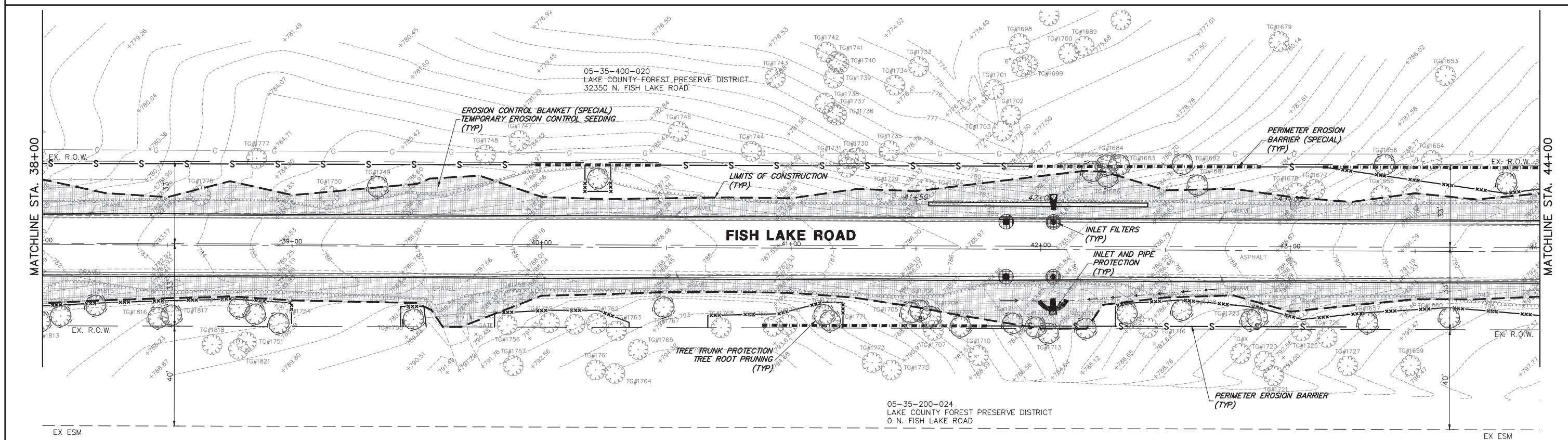
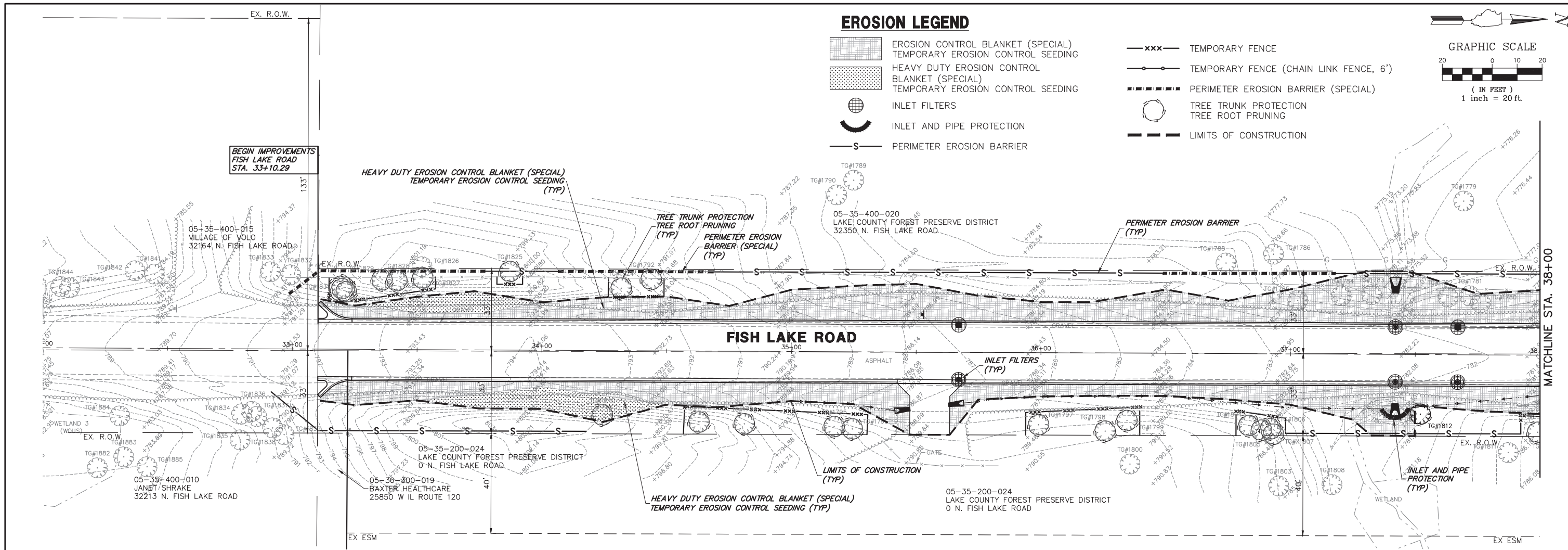
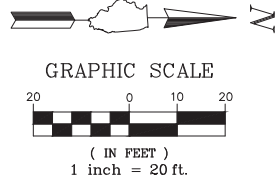
SIGN LAYOUT FOR PRE-DETOUR INFORMATION SIGNS AT THE INTERSECTION OF IL RTE. 120 AND FISH LAKE ROAD SHALL BE INSTALLED IN SIMILAR FASHION. SIGNS AT THE INTERSECTION OF MOLIDOR ROAD AND FISH LAKE ROAD SHALL BE INSTALLED IN SIMILAR FASHION.



FILE NAME = 5867.200_Sht-DETOUR PLAN.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN SIGN SHEET FISH LAKE ROAD IMPROVEMENTS			FAU RTE. 0163	SECTION 15-08113-05-CH	COUNTY LAKE	TOTAL SHEETS 112	SHEET NO. 39
		DRAWN - MGFC	REVISED -		SCALE N.T.S.	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.	CONTRACT # 61K10				
		CHECKED - DPB	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 12/18/2023	REVISED -									







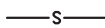

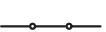




EROSION LEGEND

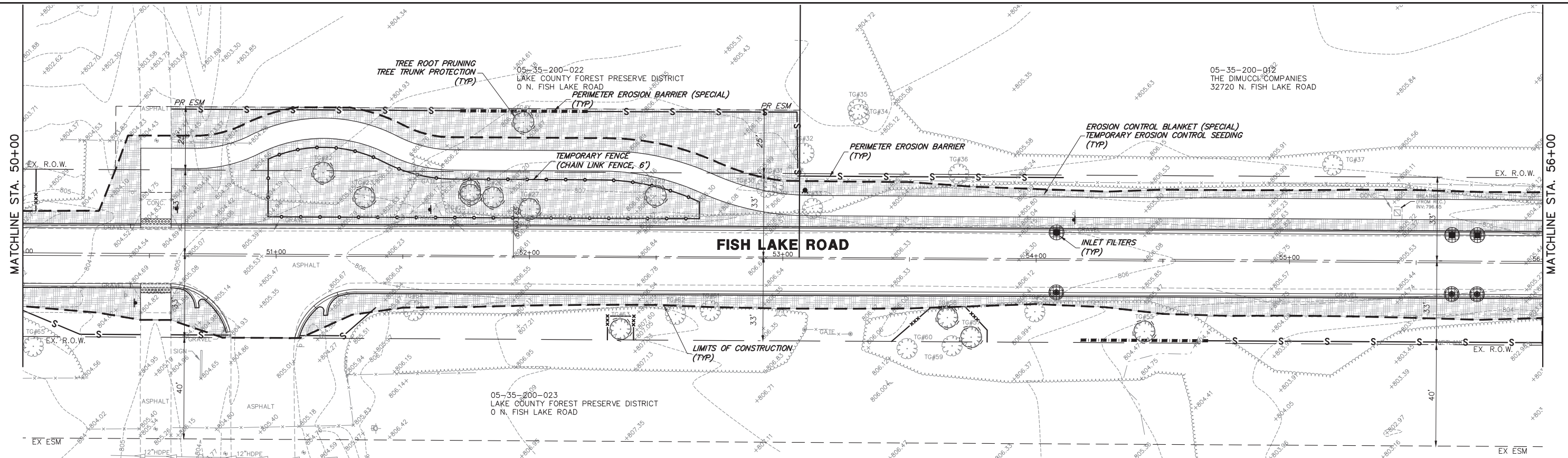
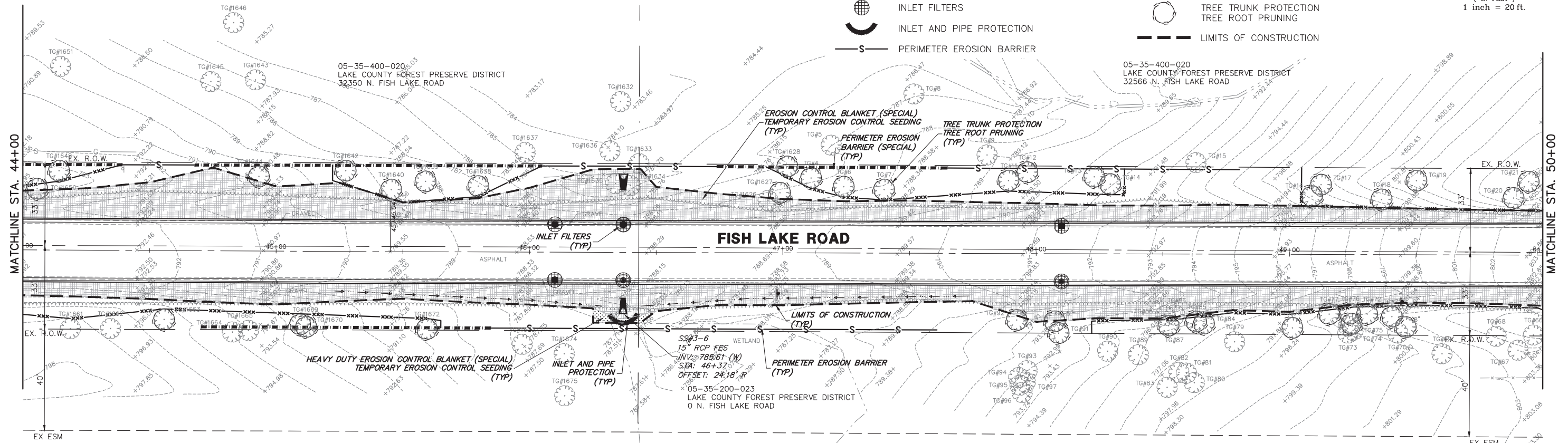
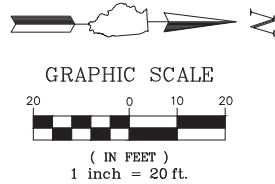
-  EROSION CONTROL BLANKET (SPECIAL)
-  TEMPORARY EROSION CONTROL SEEDING
-  HEAVY DUTY EROSION CONTROL BLANKET (SPECIAL)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTERS
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  -xxx- TEMPORARY FENCE
-  -o-o- TEMPORARY FENCE (CHAIN LINK FENCE, 6')
-  - - - PERIMETER EROSION BARRIER (SPECIAL)
-  TREE TRUNK PROTECTION
-  TREE ROOT PRUNING
-  - - - LIMITS OF CONSTRUCTION



FILE NAME = 5867.200_Sht-ESC.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 1" = .0833'	DRAWN - MGFC	CHECKED - DPB	REVISED -			0163	15-08113-05-CH	LAKE	112	40	
PLOT DATE = 08/25/2023 4:54 PM	DATE - 12/18/2023	REVISED -	REVISED -			CONTRACT # 61K10					
						SCALE 1"=20'	SHEET NO. 1 OF 6 SHEETS	STA. B.O.P. TO STA. 44+00	ILLINOIS FED. AID PROJECT		

EROSION LEGEND

-  EROSION CONTROL BLANKET (SPECIAL)
-  TEMPORARY EROSION CONTROL SEEDING
-  HEAVY DUTY EROSION CONTROL BLANKET (SPECIAL)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTERS
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  ---xxx--- TEMPORARY FENCE
-  ---o---o---o--- TEMPORARY FENCE (CHAIN LINK FENCE, 6')
-  - - - - - PERIMETER EROSION BARRIER (SPECIAL)
-  ○ TREE TRUNK PROTECTION
-  ○ TREE ROOT PRUNING
-  - - - - - LIMITS OF CONSTRUCTION



FILE NAME = 5867.200_Sht-ESC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISID -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 08/25/2023 4:56 PM

DATE - 12/18/2023

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**














**EROSION AND SEDIMENT CONTROL PLANS
FISH LAKE ROAD IMPROVEMENTS**

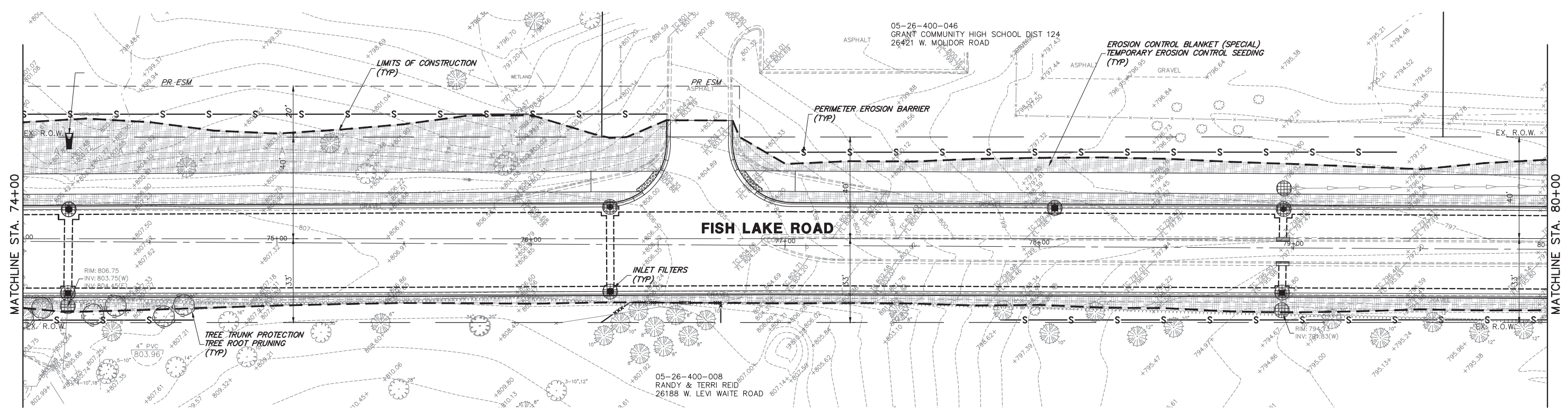
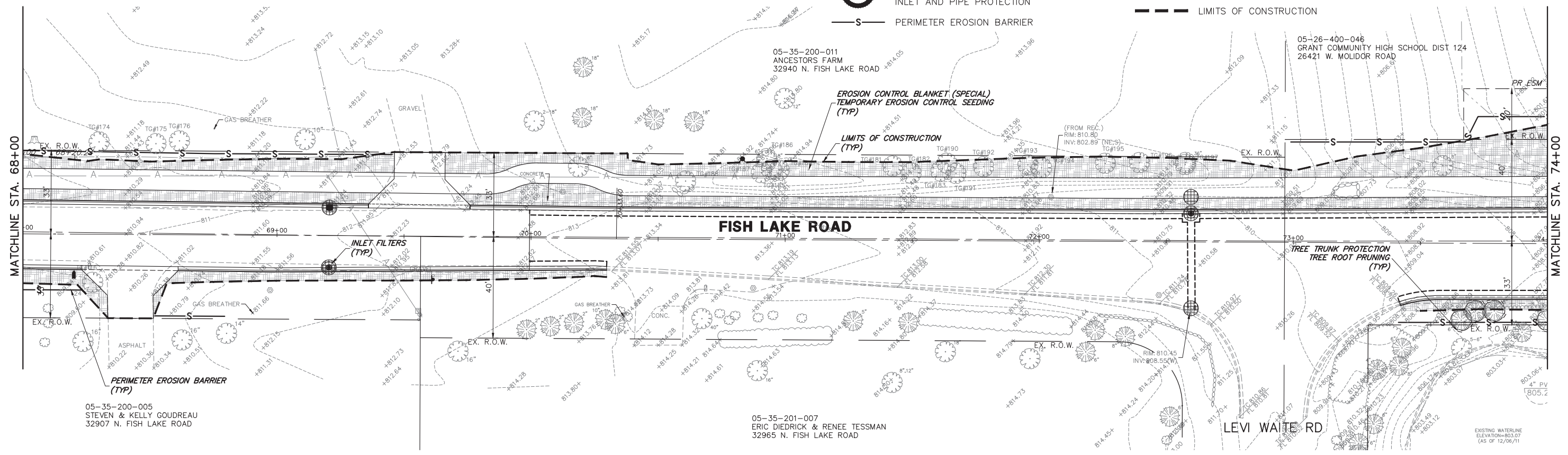
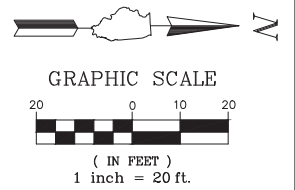
SCALE 1"=20' SHEET NO. 2 OF 6 SHEETS STA. 44+00 TO STA. 66+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	41
CONTRACT #			61K10	

ILLINOIS FED. AID PROJECT








EROSION LEGEND

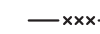



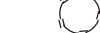

-  EROSION CONTROL BLANKET (SPECIAL)
-  TEMPORARY EROSION CONTROL SEEDING
-  HEAVY DUTY EROSION CONTROL BLANKET (SPECIAL)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTERS
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  -xxx- TEMPORARY FENCE
-  -o-o- TEMPORARY FENCE (CHAIN LINK FENCE, 6')
-  - - - PERIMETER EROSION BARRIER (SPECIAL)
-  ○ TREE TRUNK PROTECTION
-  ○ TREE ROOT PRUNING
-  - - - LIMITS OF CONSTRUCTION

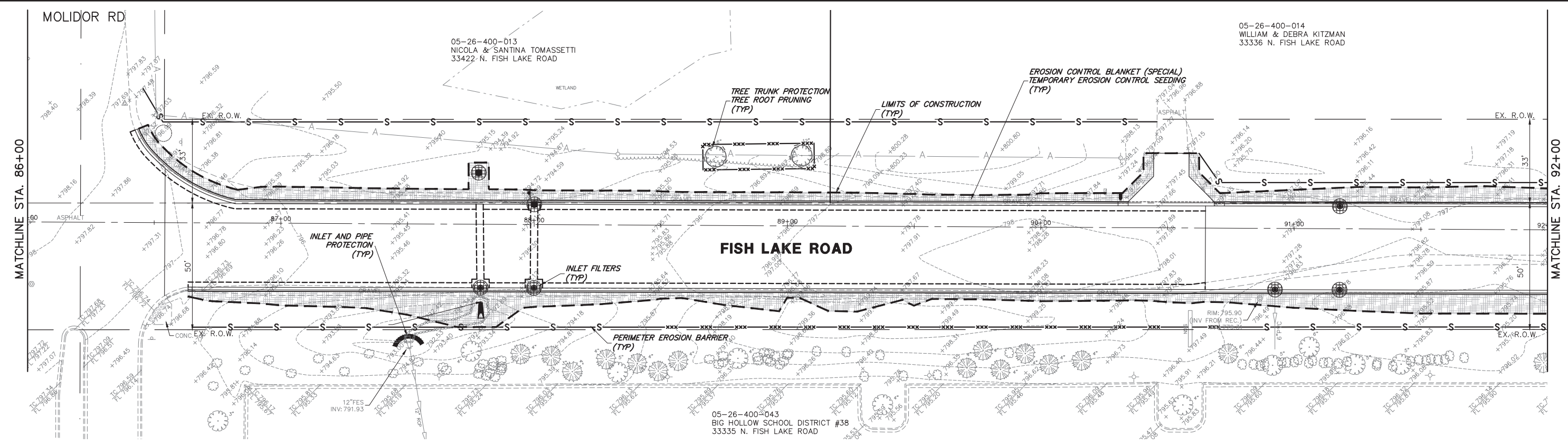
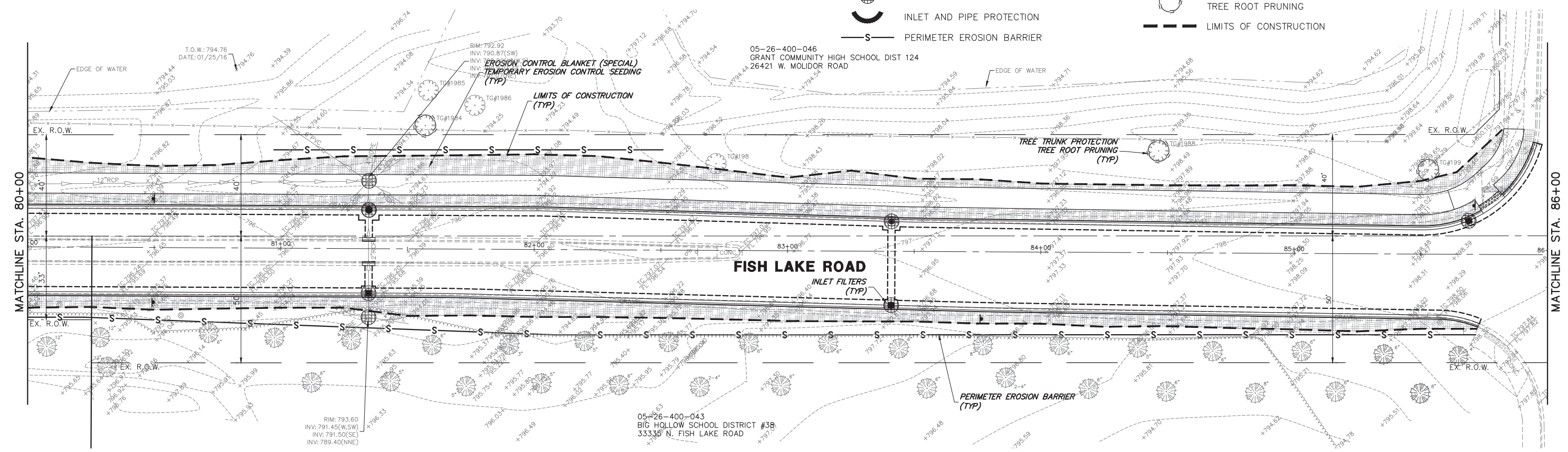
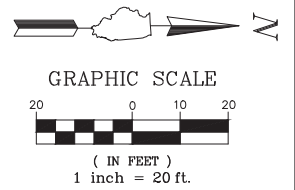


FILE NAME = 5867.200_Sht-ESC.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RTE 0163	SECTION 15-08113-05-CH	COUNTY LAKE	TOTAL SHEETS 112	SHEET NO. 43	
PLOT SCALE = 1" = .0833'		DRAWN - MGFC	REVISED -			SCALE 1"=20'		SHEET NO. 4 OF 6 SHEETS		STA. 68+00 TO STA. 80+00	
PLOT DATE = 6/21/2023 4:58 PM		CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					

EROSION LEGEND

-  EROSION CONTROL BLANKET (SPECIAL)
-  TEMPORARY EROSION CONTROL SEEDING
-  HEAVY DUTY EROSION CONTROL BLANKET (SPECIAL)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTERS
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER

-  TEMPORARY FENCE
-  TEMPORARY FENCE (CHAIN LINK FENCE, 6')
-  PERIMETER EROSION BARRIER (SPECIAL)
-  TREE TRUNK PROTECTION
-  TREE ROOT PRUNING
-  LIMITS OF CONSTRUCTION



FILE NAME = 5867.200_Sht-ESC.dwg
 USER NAME = DOMINIC OLESAK
 PLOT SCALE = 1" = .0833'
 PLOT DATE = 08/25/2023 4:59 PM

DESIGNED - MGFC
 DRAWN - MGFC
 CHECKED - DPB
 DATE - 12/18/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS
 FISH LAKE ROAD IMPROVEMENTS**

SCALE 1"=20' SHEET NO. 5 OF 6 SHEETS STA. 80+00 TO STA. 92+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	44
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				



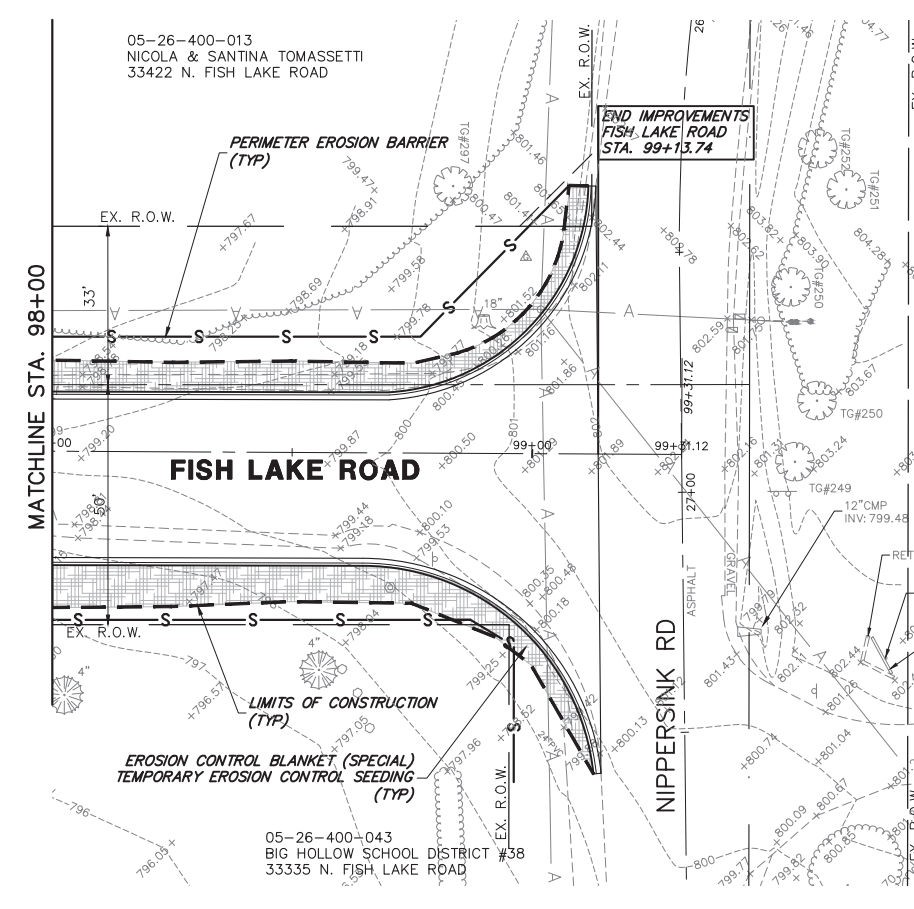
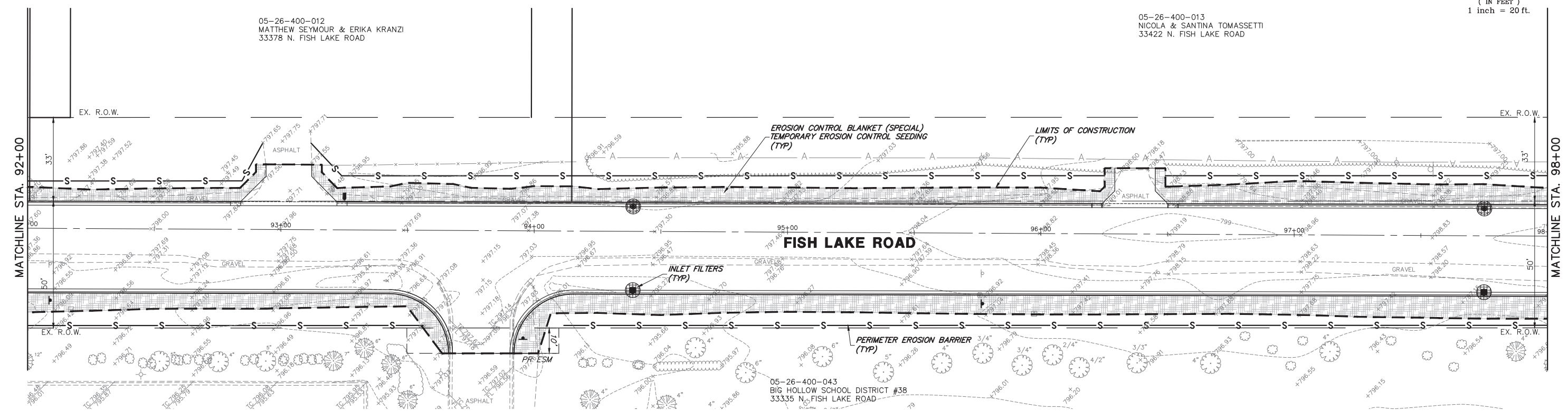
GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

05-26-400-012
MATTHEW SEYMOUR & ERIKA KRANZI
33378 N. FISH LAKE ROAD

05-26-400-013
NICOLA & SANTINA TOMASSETTI
33422 N. FISH LAKE ROAD



EROSION LEGEND

- EROSION CONTROL BLANKET (SPECIAL) TEMPORARY EROSION CONTROL SEEDING
- HEAVY DUTY EROSION CONTROL BLANKET (SPECIAL) TEMPORARY EROSION CONTROL SEEDING
- INLET FILTERS
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE
- TEMPORARY FENCE (CHAIN LINK FENCE, 6')
- PERIMETER EROSION BARRIER (SPECIAL)
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION

FILE NAME = 5867.200_Sht-ESC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - MGFC

REVISED -

PLOT DATE = 6/21/2023 5:00 PM

CHECKED - DPB

REVISED -

DATE - 12/18/2023

REVISED -

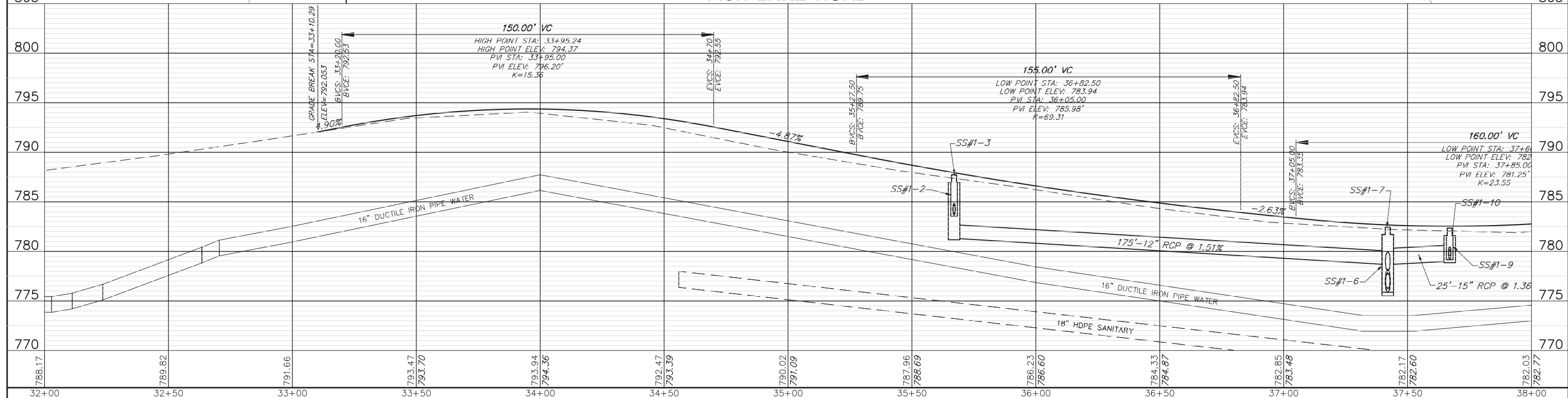
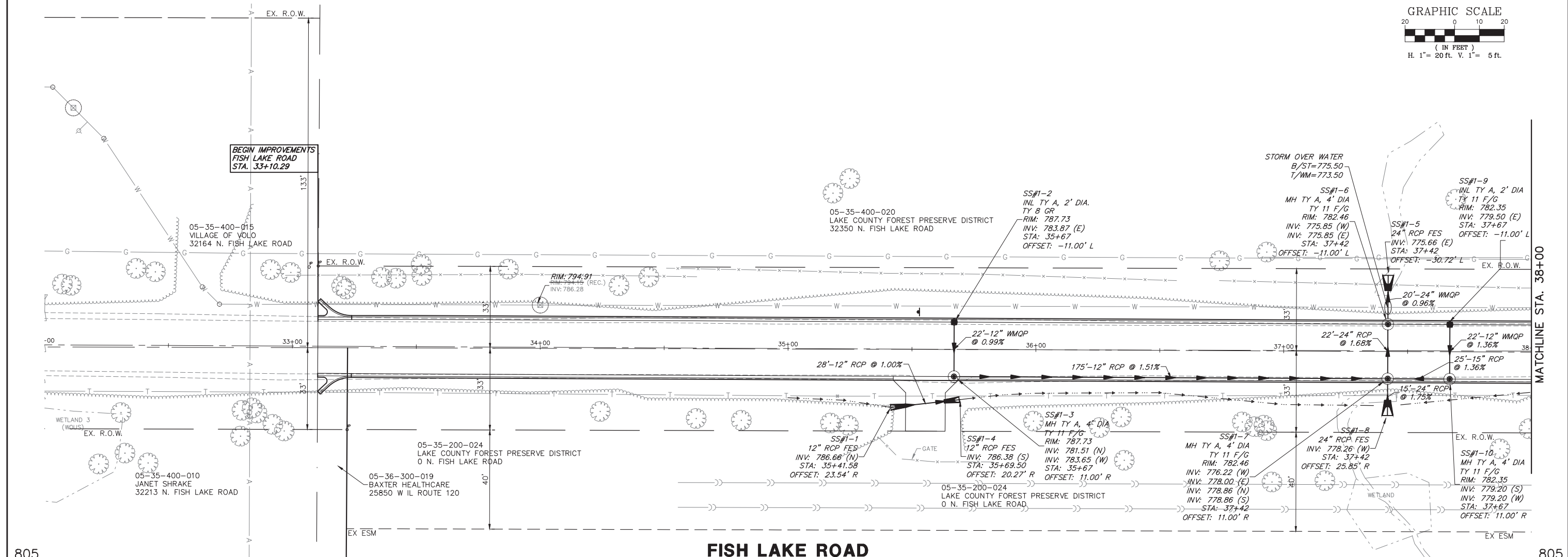
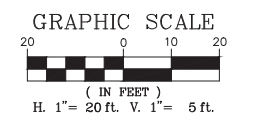
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLANS FISH LAKE ROAD IMPROVEMENTS

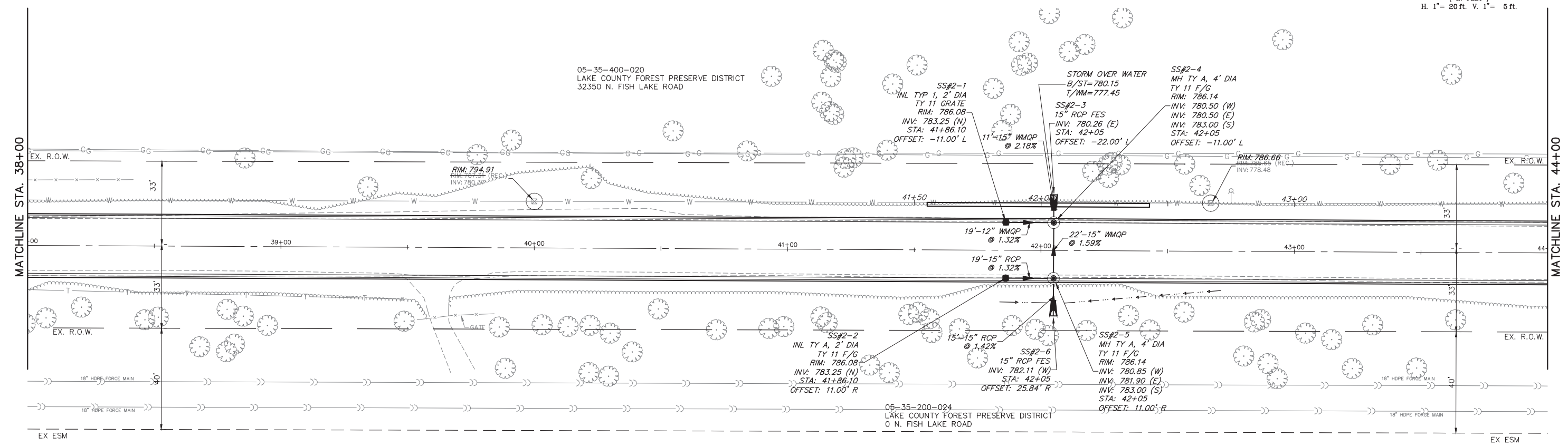
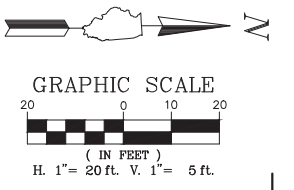
SCALE 1"=20' SHEET NO. 6 OF 6 SHEETS STA. 92+00 TO STA. E.O.P.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	45
CONTRACT #			61K10	

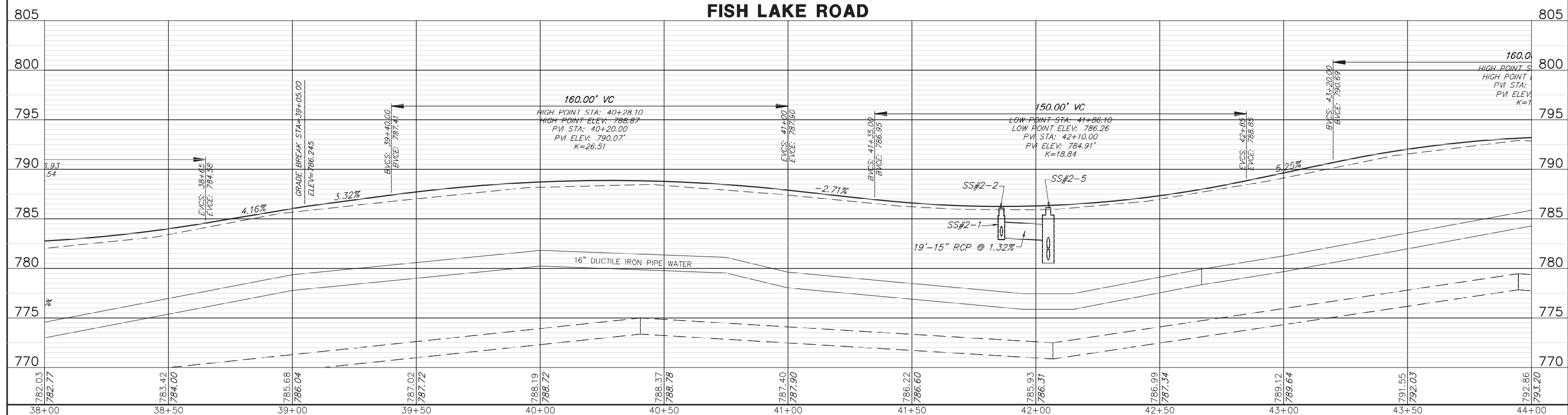
ILLINOIS FED. AID PROJECT



FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	46	
	PLOT DATE = 12/15/2023 4:29 PM	CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE AS NOTED						SHEET NO. 1 OF 12 SHEETS		STA. 32+00.00 TO STA. 38+00.00			

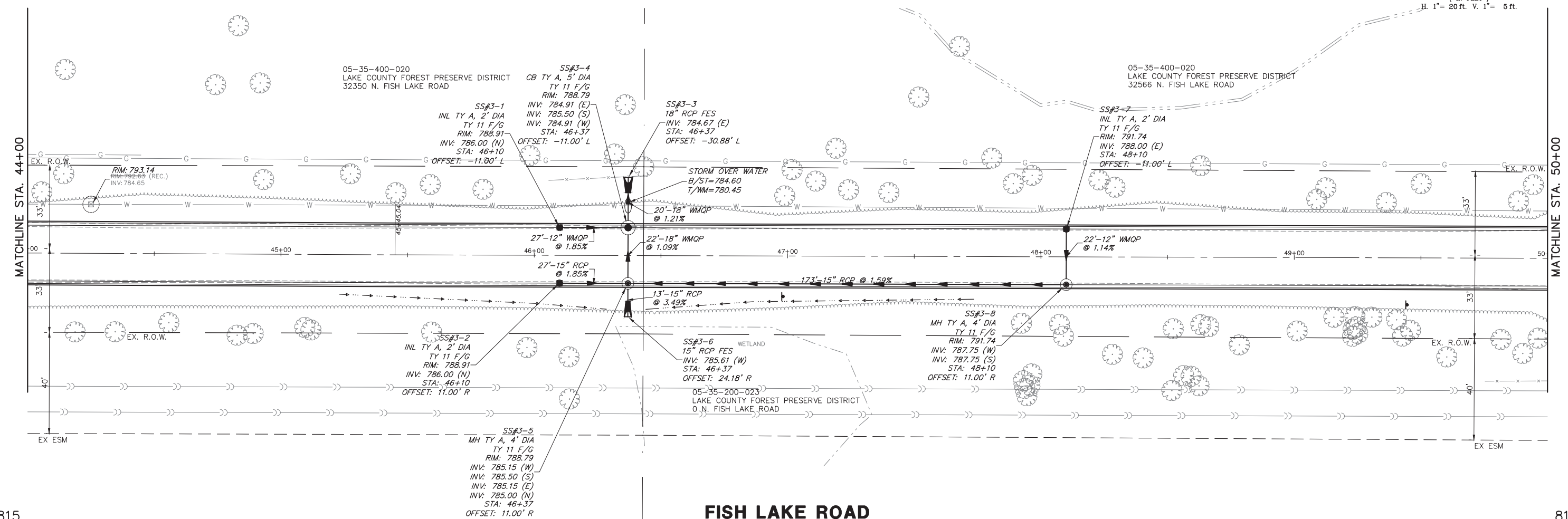
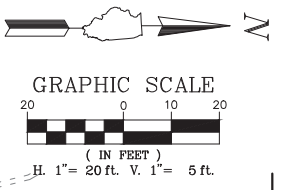


FISH LAKE ROAD

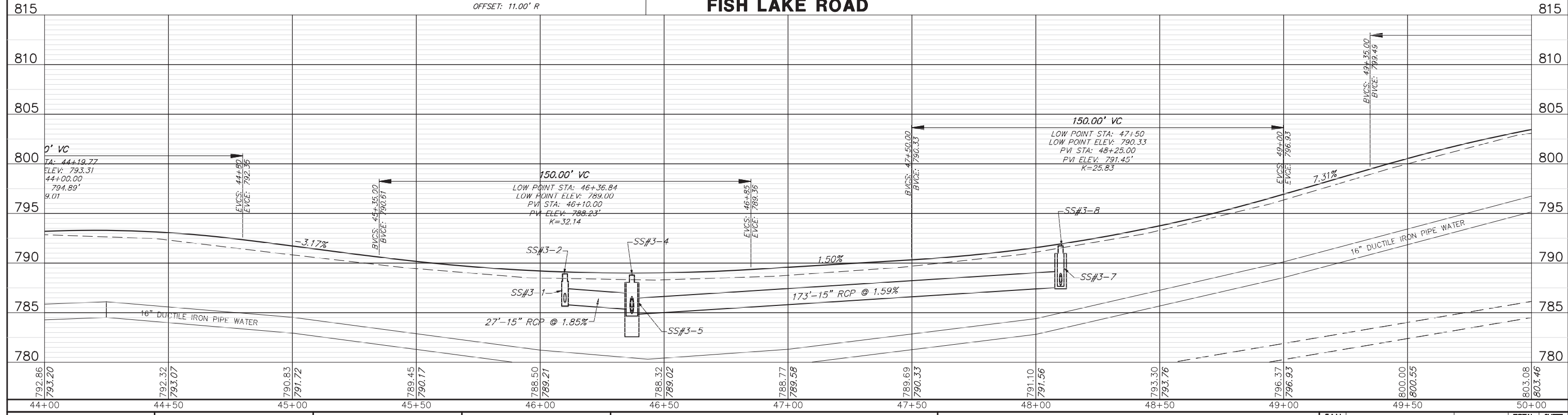


FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					

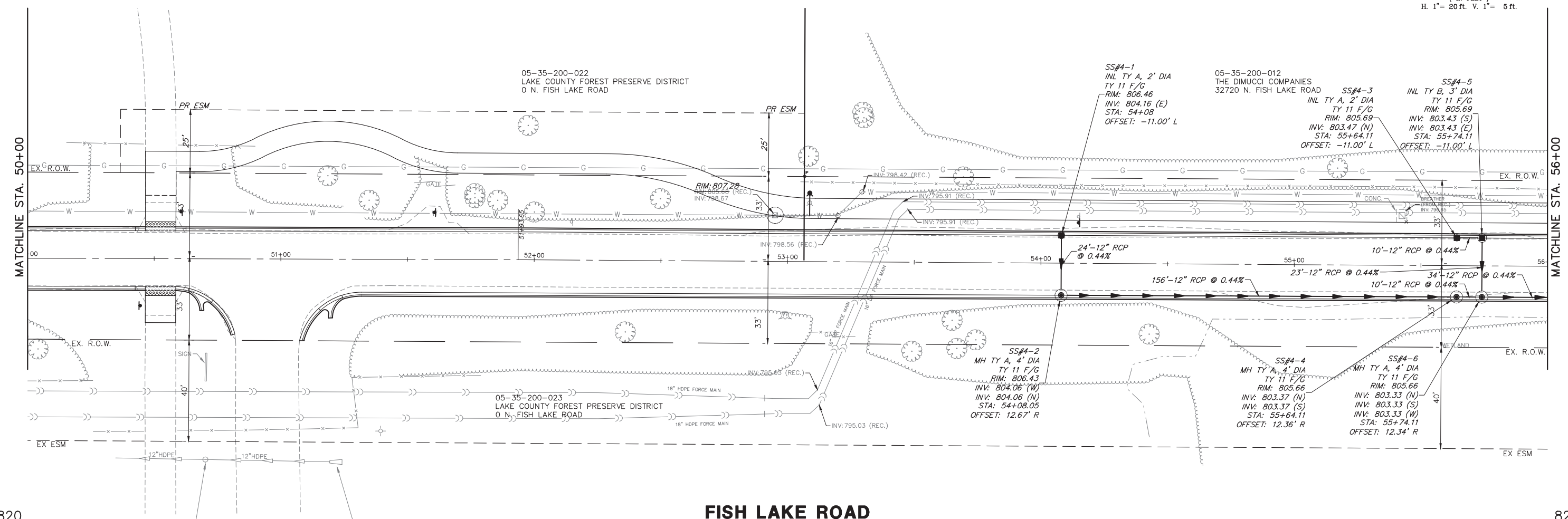
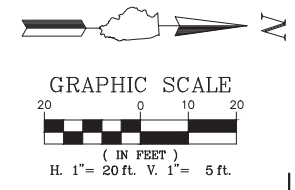
SCALE AS NOTED SHEET NO. 2 OF 12 SHEETS STA. 38+00.00 TO STA. 44+00.00



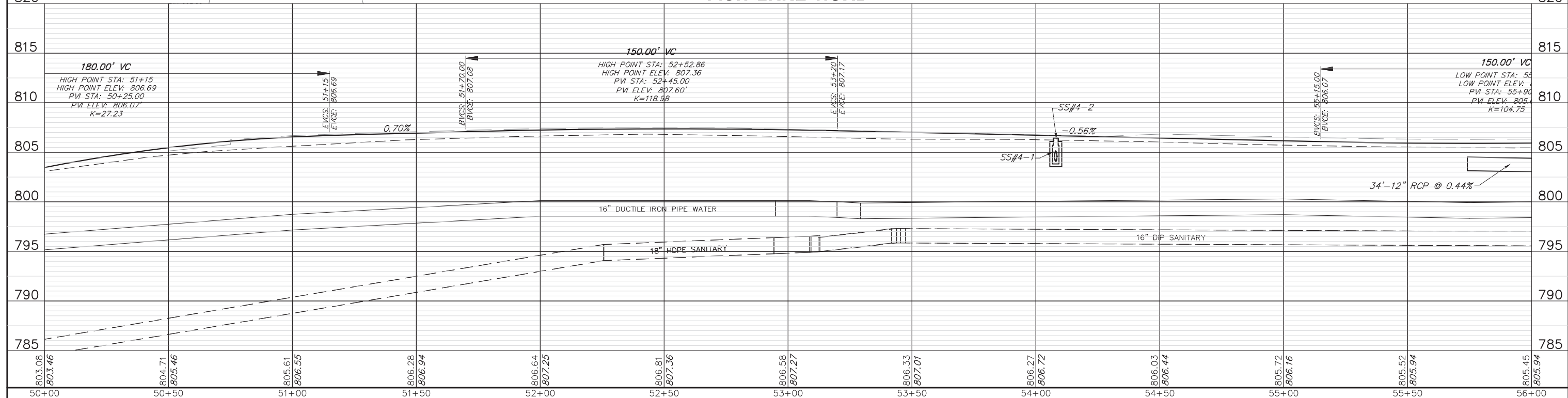
FISH LAKE ROAD



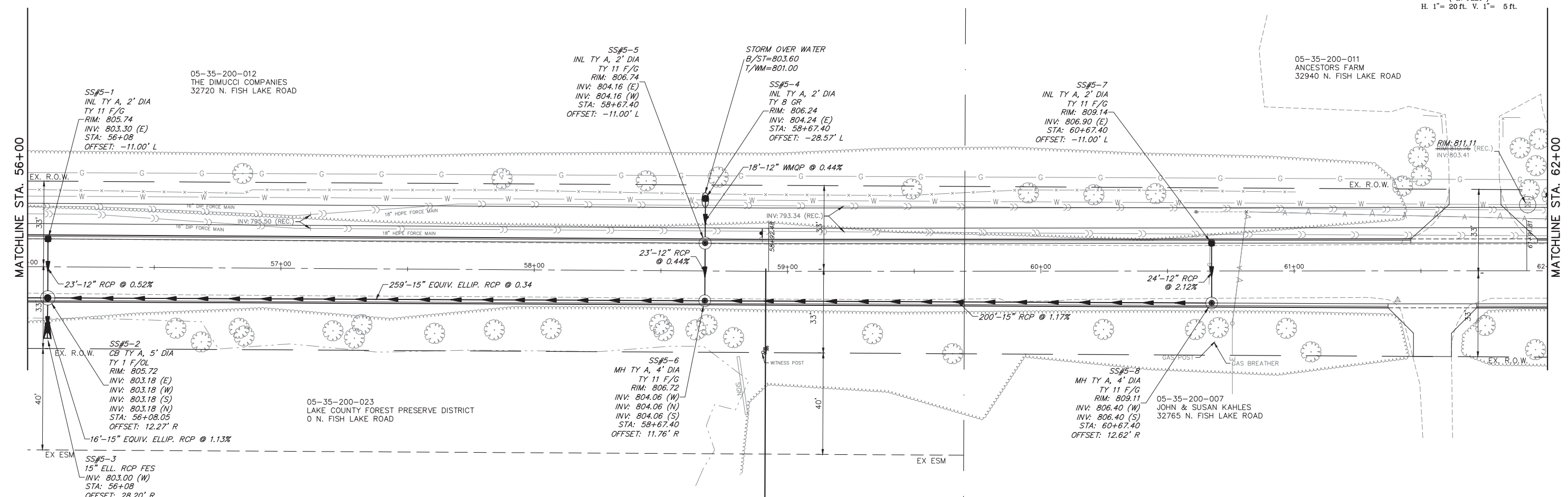
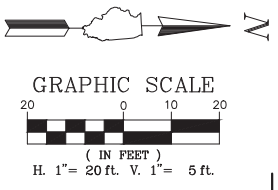
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	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	48	
	PLOT DATE = 12/15/2023 4:32 PM	CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED		SHEET NO. 3 OF 12 SHEETS		STA. 44+00.00 TO STA. 50+00.00			



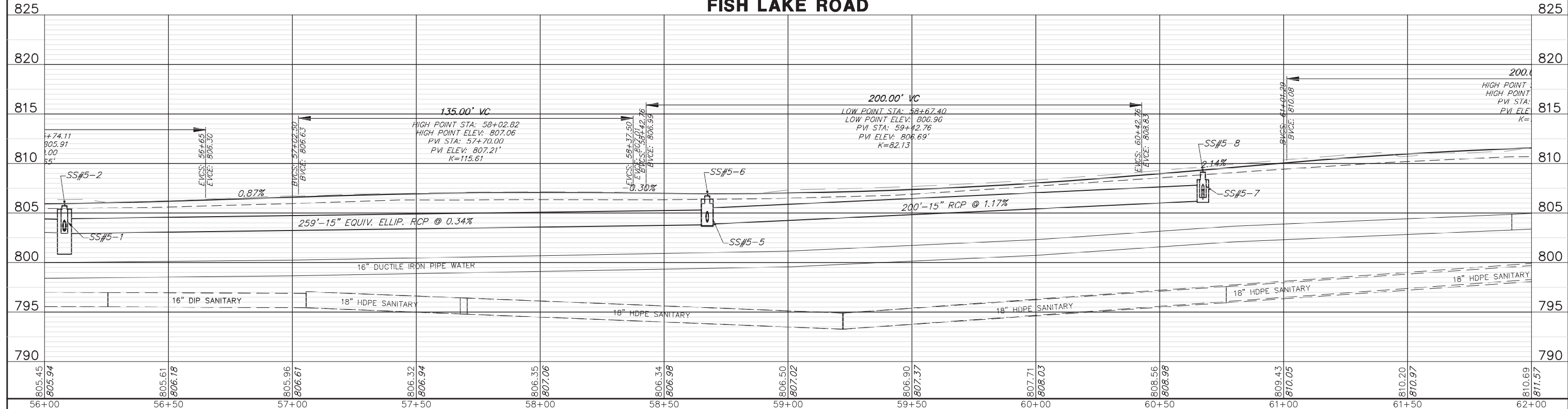
FISH LAKE ROAD



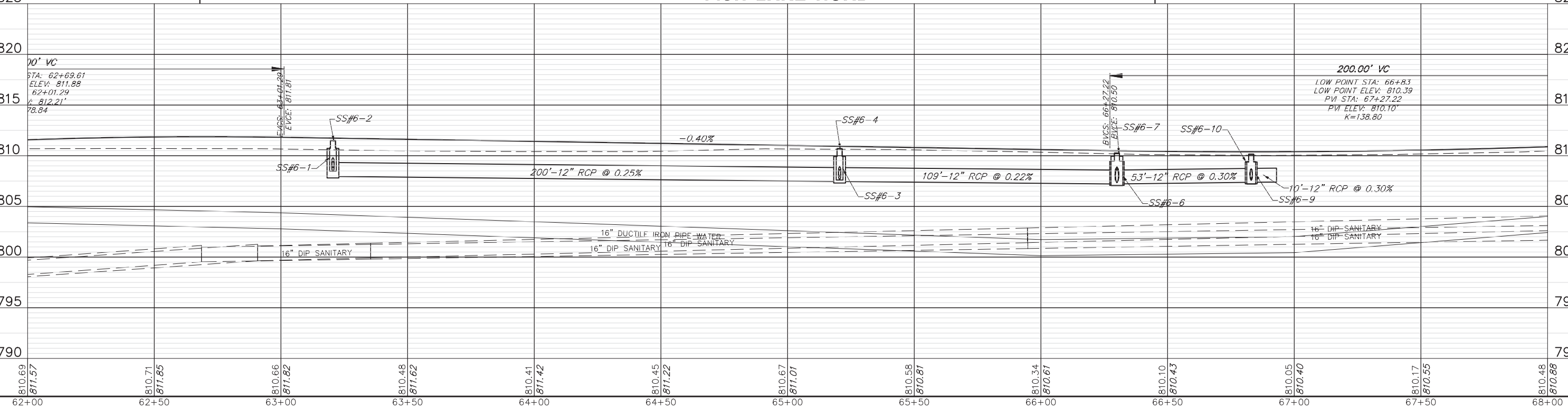
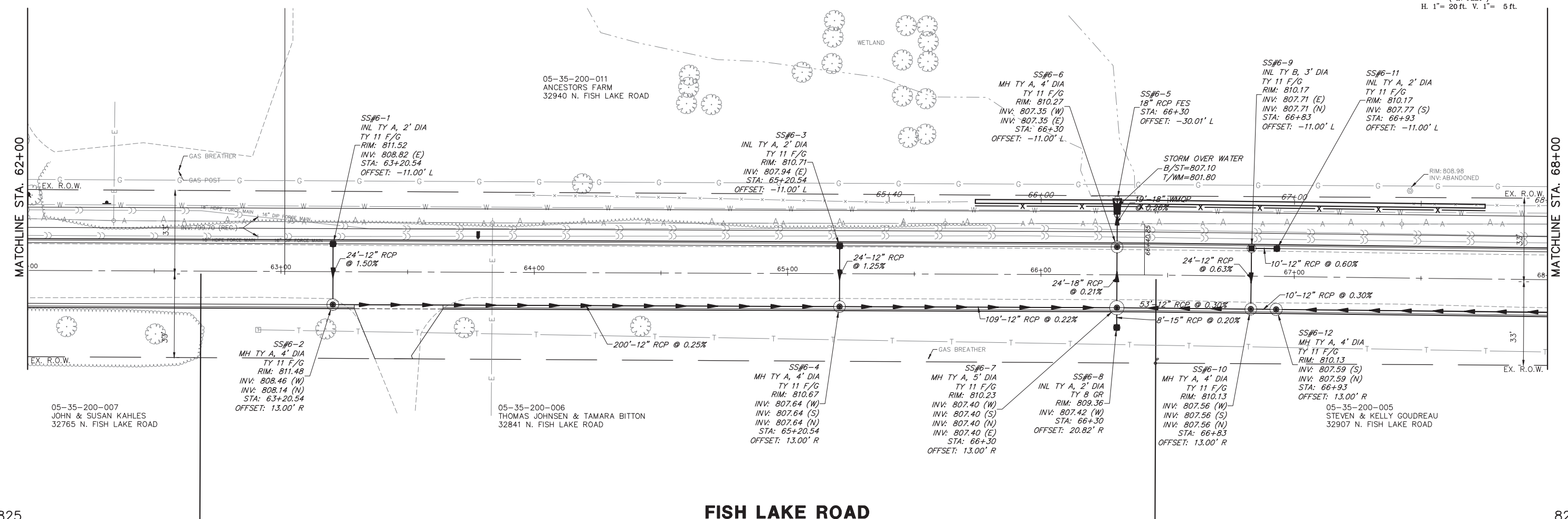
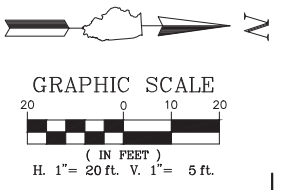
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		DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	49	
		CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
		PLOT SCALE = 1" = .0833'		SCALE AS NOTED		SHEET NO. 4 OF 12 SHEETS		STA. 50+00.00 TO STA. 56+00.00			



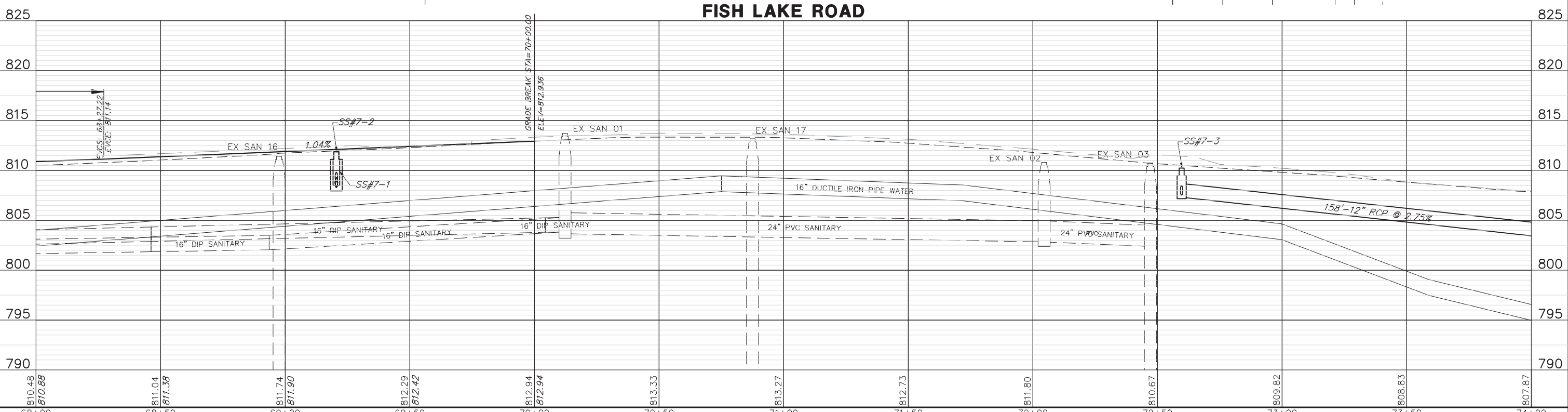
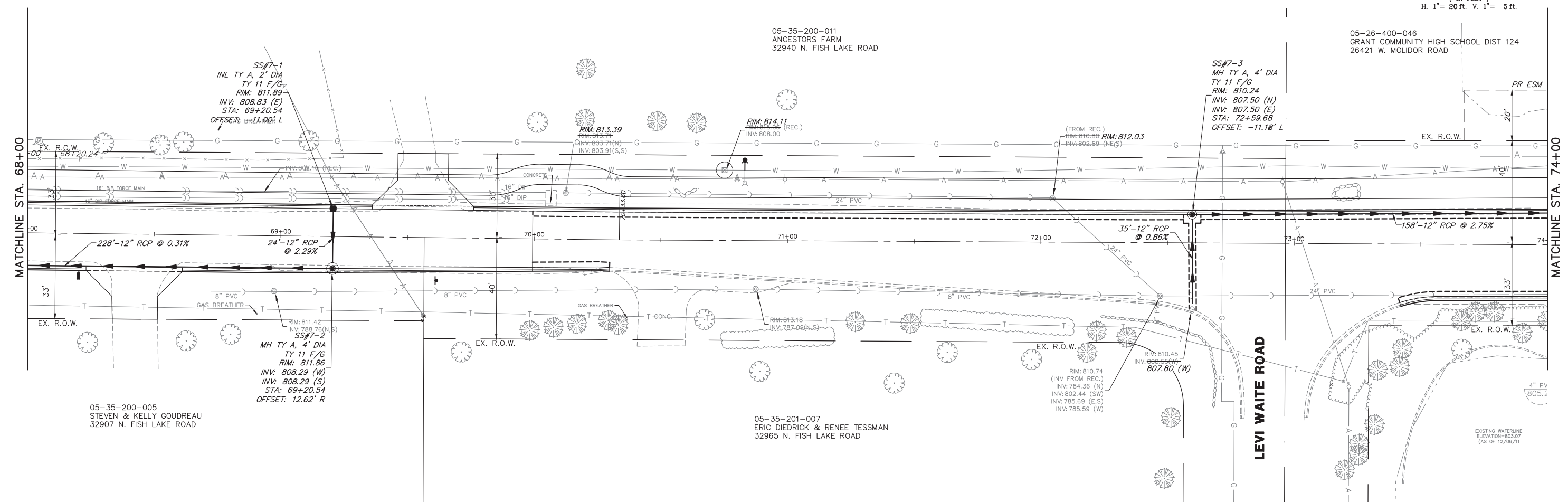
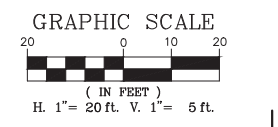
FISH LAKE ROAD



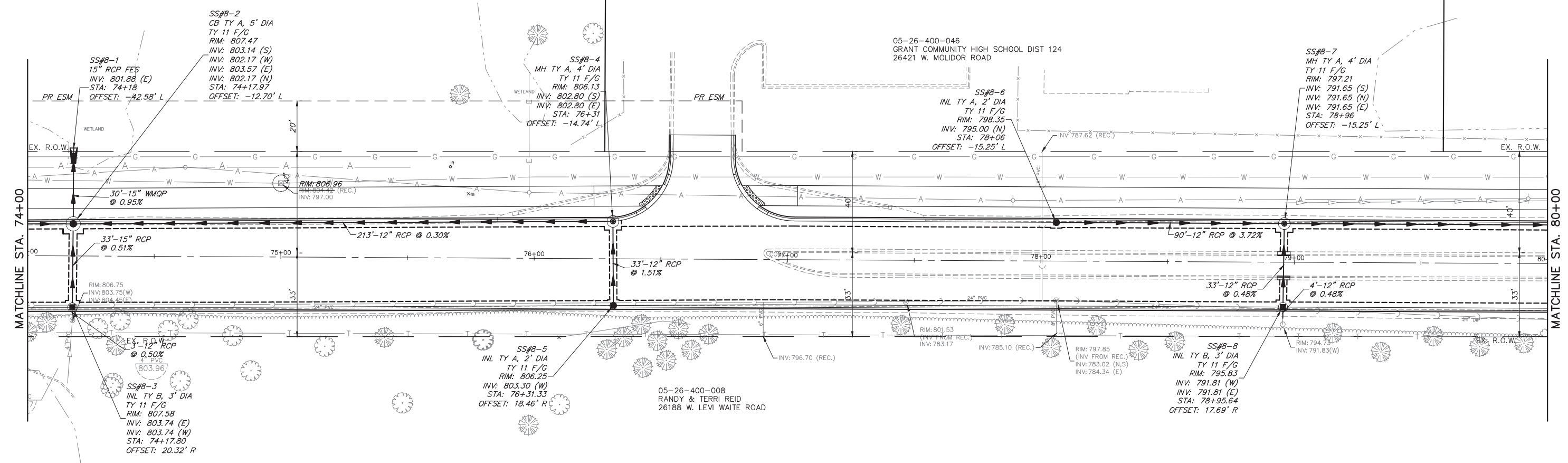
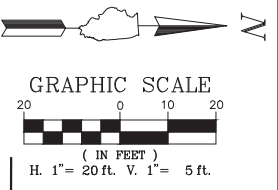
FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU R/E	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	50	
	PLOT DATE = 12/15/2023 4:34 PM	CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					



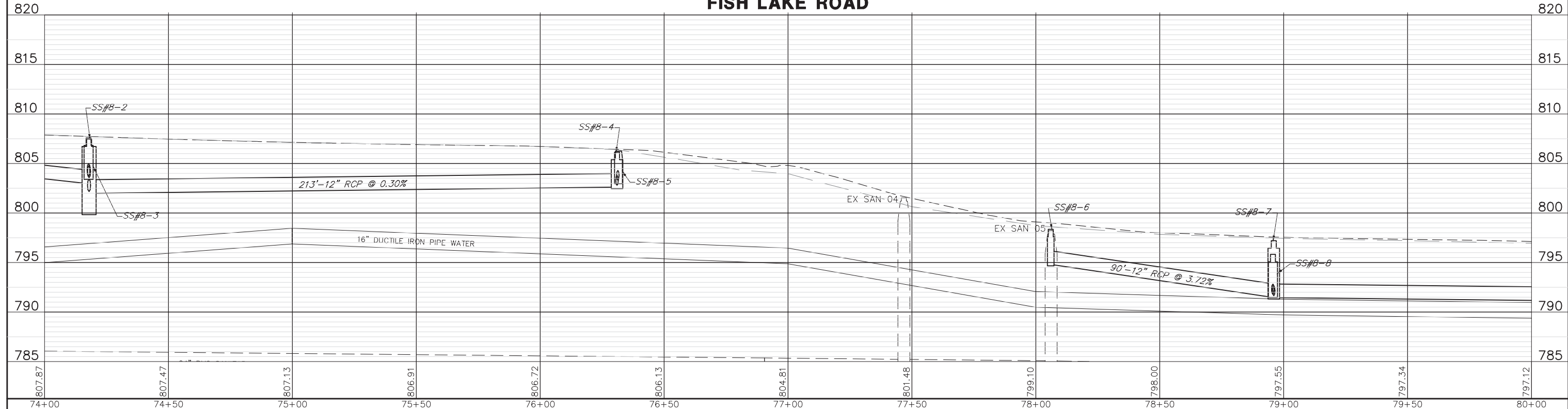
FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	51	
		CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED		SHEET NO. 6 OF 12 SHEETS		STA. 62+00.00 TO STA. 68+00.00			



FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	52	
		CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED		SHEET NO. 7 OF 12 SHEETS		STA. 68+00.00 TO STA. 74+00.00			



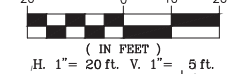
FISH LAKE ROAD



FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	53	
		CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED		SHEET NO. 8 OF 12 SHEETS		STA. 74+00.00 TO STA. 80+00.00			



GRAPHIC SCALE



(IN FEET)
H. 1" = 20 ft. V. 1" = 5 ft.

05-26-400-046
GRANT COMMUNITY HIGH SCHOOL DIST 124
26421 W. MOLITOR ROAD

SS#9-3
MH TY A, 4' DIA
TY 11 F/G
RIM: 796.77
INV: 792.50 (S)
INV: 792.50 (E)
INV: 792.50 (N)
STA: 83+41
OFFSET: -11.78' L

SS#9-5
INL TY A, 2' DIA.
TY 11 F/G
RIM: 798.06
INV: 794.78 (S)
STA: 85+68.81
OFFSET: -13.19' L

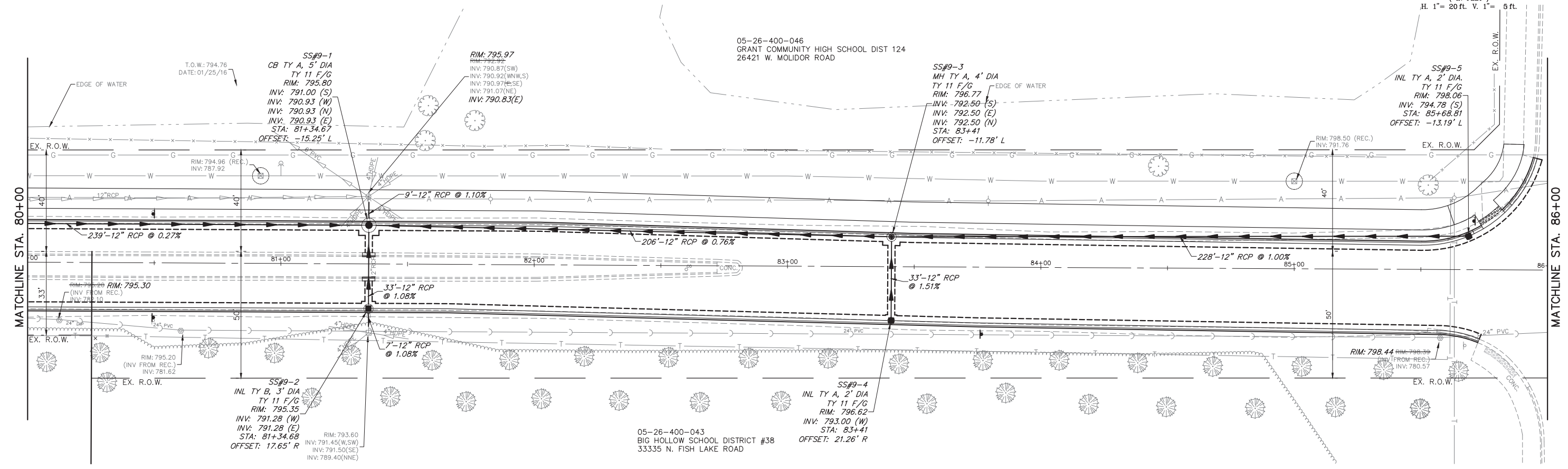
SS#9-1
CB TY A, 5' DIA
TY 11 F/G
RIM: 795.80
INV: 791.00 (S)
INV: 790.93 (W)
INV: 790.93 (N)
INV: 790.93 (E)
STA: 81+34.67
OFFSET: -15.25' L

RIM: 795.97
INV: 790.87(SW)
INV: 790.92(WNW,S)
INV: 790.97(ESE)
INV: 791.07(NE)
INV: 790.83(E)

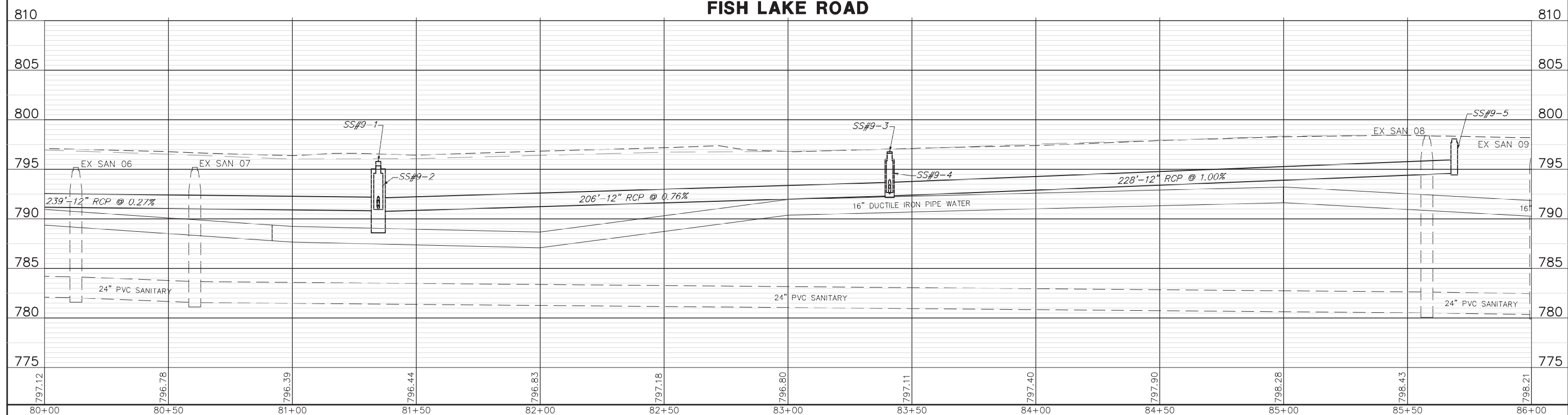
SS#9-2
INL TY B, 3' DIA
TY 11 F/G
RIM: 795.35
INV: 791.28 (W)
INV: 791.28 (E)
STA: 81+34.68
OFFSET: 17.65' R

SS#9-4
INL TY A, 2' DIA
TY 11 F/G
RIM: 796.62
INV: 793.00 (W)
STA: 83+41
OFFSET: 21.26' R

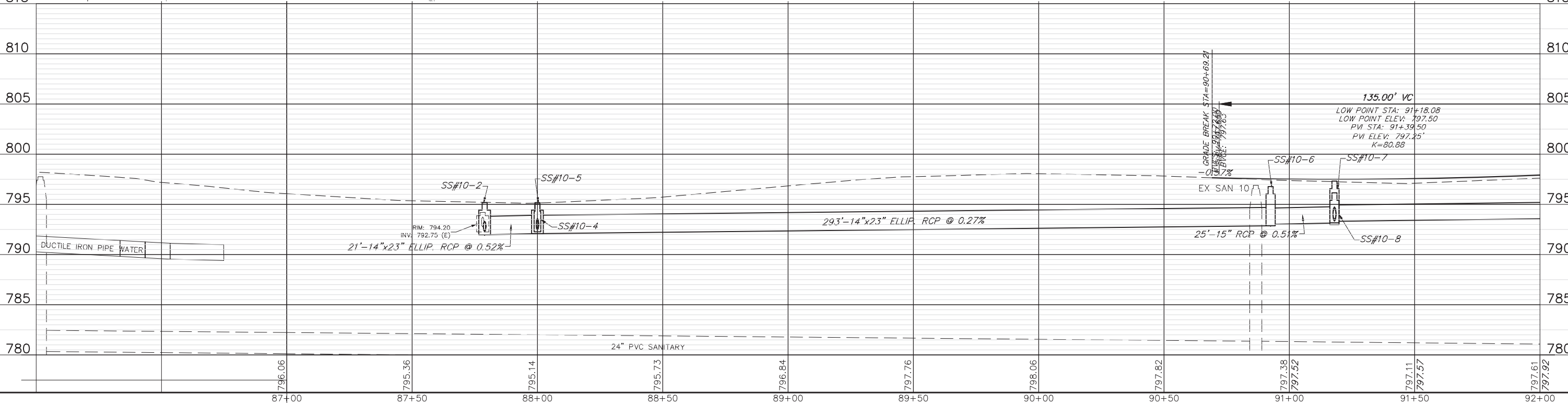
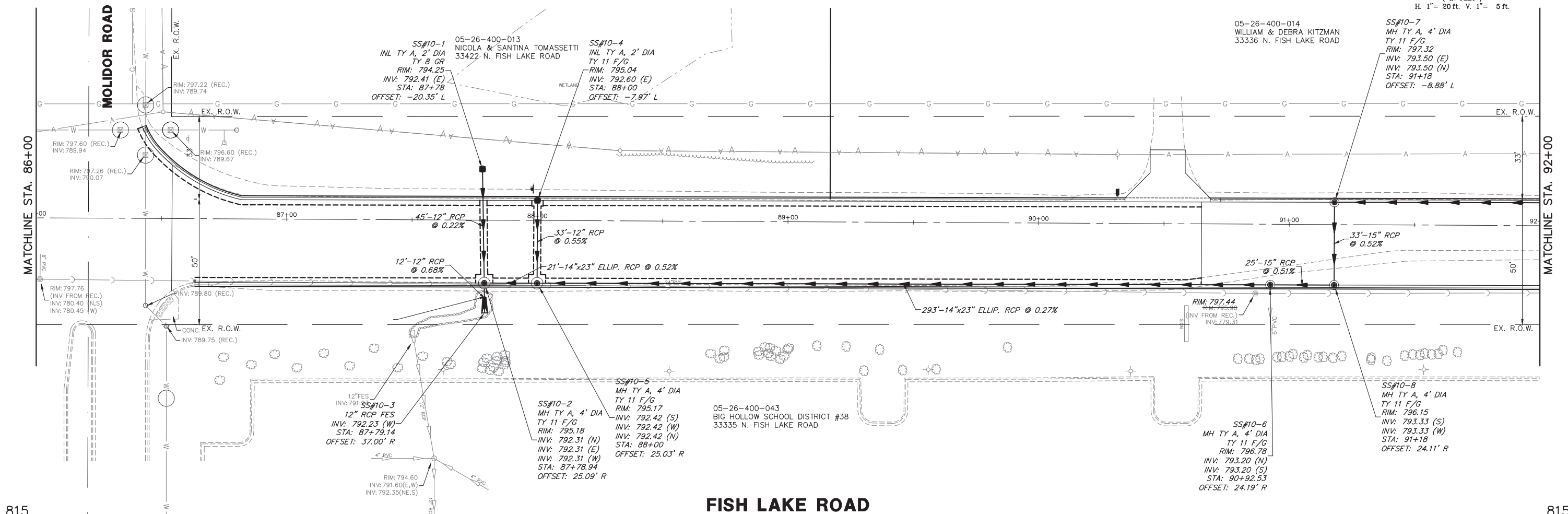
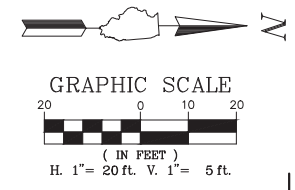
05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD



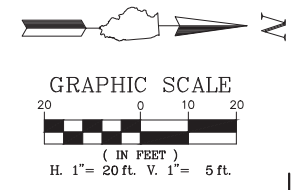
FISH LAKE ROAD



FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	54	
	PLOT DATE = 12/15/2023 4:39 PM	CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED		SHEET NO. 9 OF 12 SHEETS		STA. 80+00.00 TO STA. 86+00.00			



FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	55	
	PLOT DATE = 12/15/2023 4:40 PM	CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED		SHEET NO. 10 OF 12 SHEETS		STA. 86+00.00 TO STA. 92+00.00			



05-26-400-012
MATTHEW SEYMOUR & ERIKA KRANZI
33378 N. FISH LAKE ROAD

05-26-400-013
NICOLA & SANTINA TOMASSETTI
33422 N. FISH LAKE ROAD

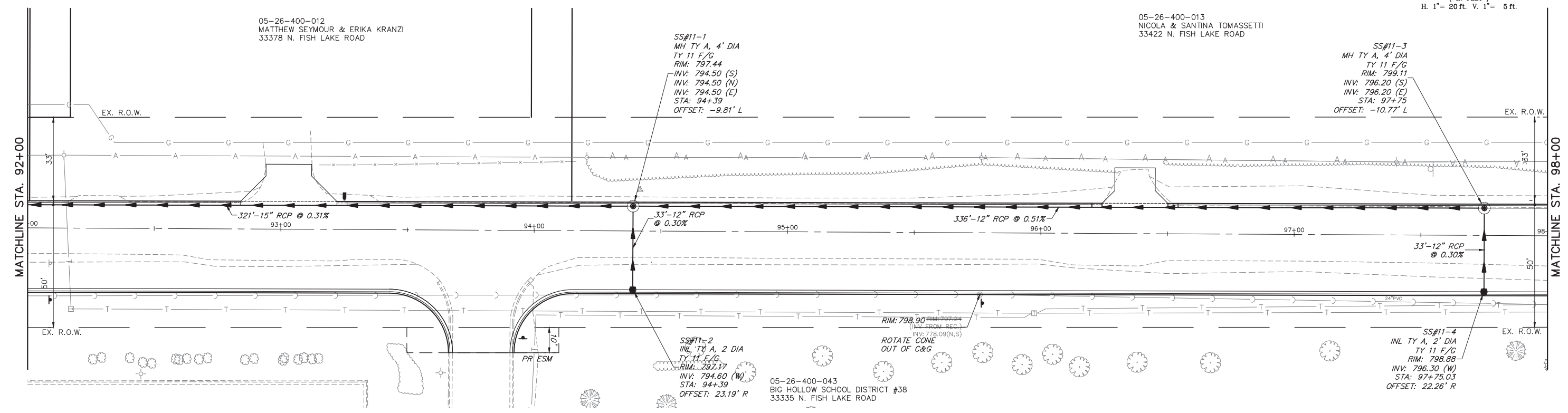
SS#11-1
MH TY A, 4' DIA
TY 11 F/G
RIM: 797.44
INV: 794.50 (S)
INV: 794.50 (N)
INV: 794.50 (E)
STA: 94+39
OFFSET: -9.81' L

SS#11-3
MH TY A, 4' DIA
TY 11 F/G
RIM: 799.11
INV: 796.20 (S)
INV: 796.20 (E)
STA: 97+75
OFFSET: -10.77' L

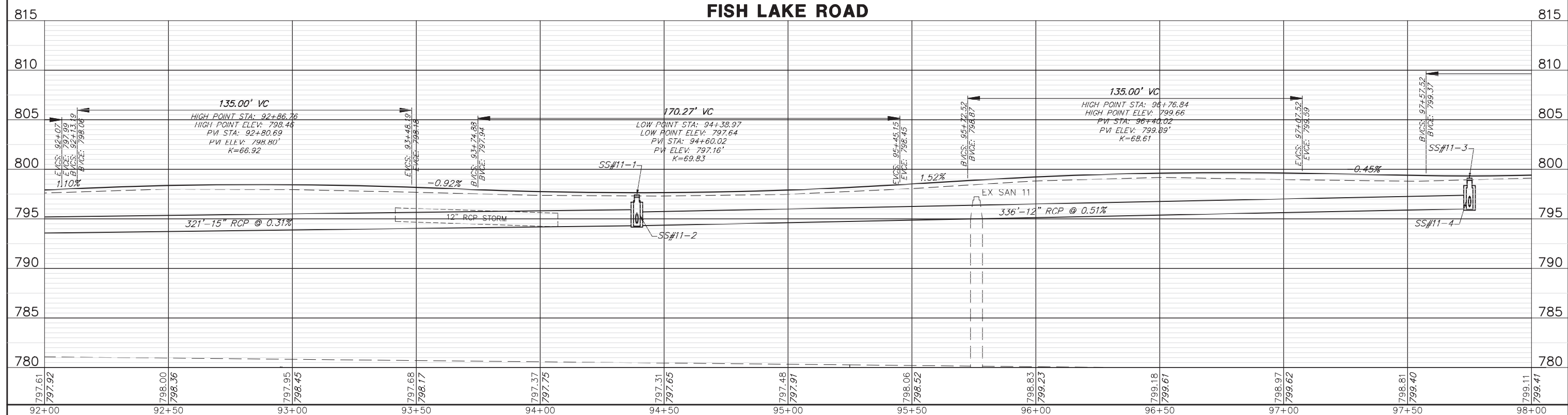
SS#11-2
INL TY A, 2 DIA
TY 11 F/G
RIM: 797.17
INV: 794.60 (W)
STA: 94+39
OFFSET: 23.19' R

05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD

SS#11-4
INL TY A, 2 DIA
TY 11 F/G
RIM: 798.88
INV: 796.30 (W)
STA: 97+75.03
OFFSET: 22.26' R

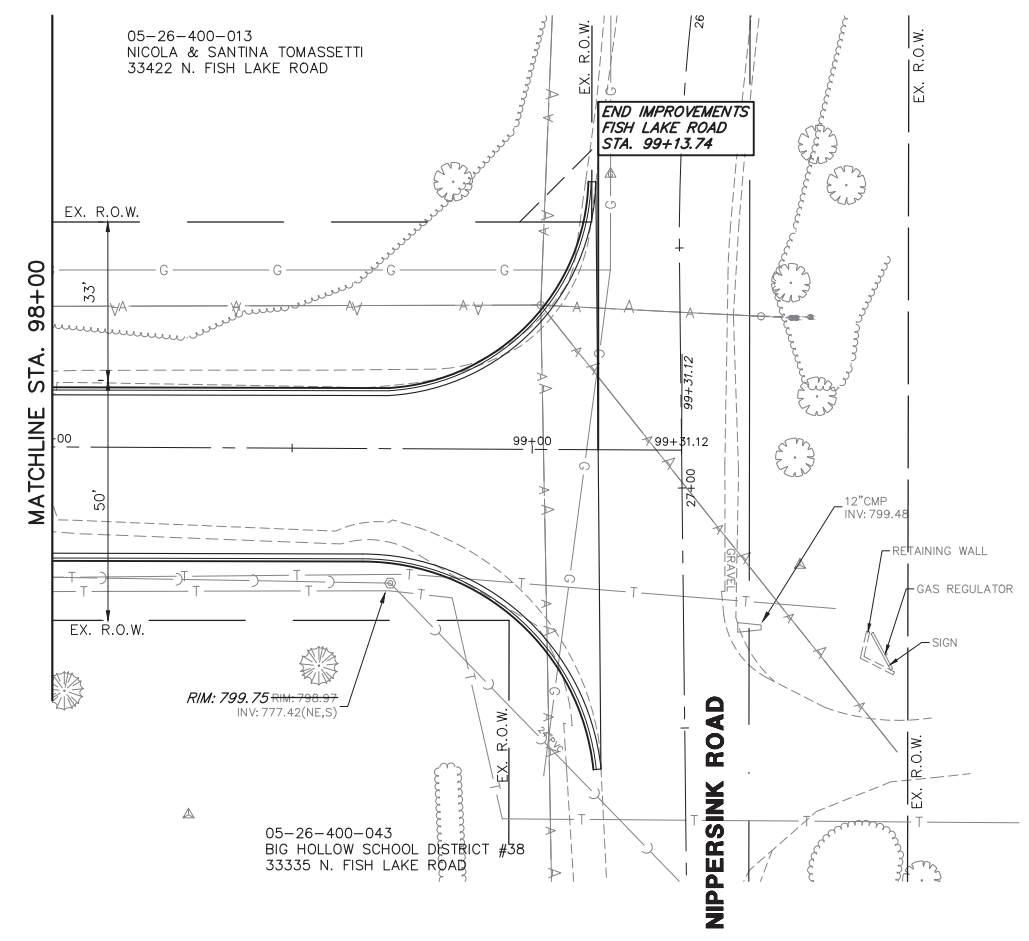
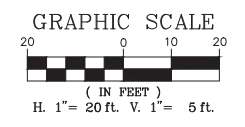


FISH LAKE ROAD



FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	56	
	PLOT DATE = 12/15/2023 4:42 PM	CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					

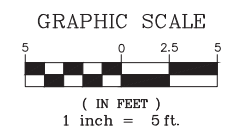
SCALE AS NOTED SHEET NO. 11 OF 12 SHEETS STA. 92+00.00 TO STA. 98+00.00



FISH LAKE ROAD

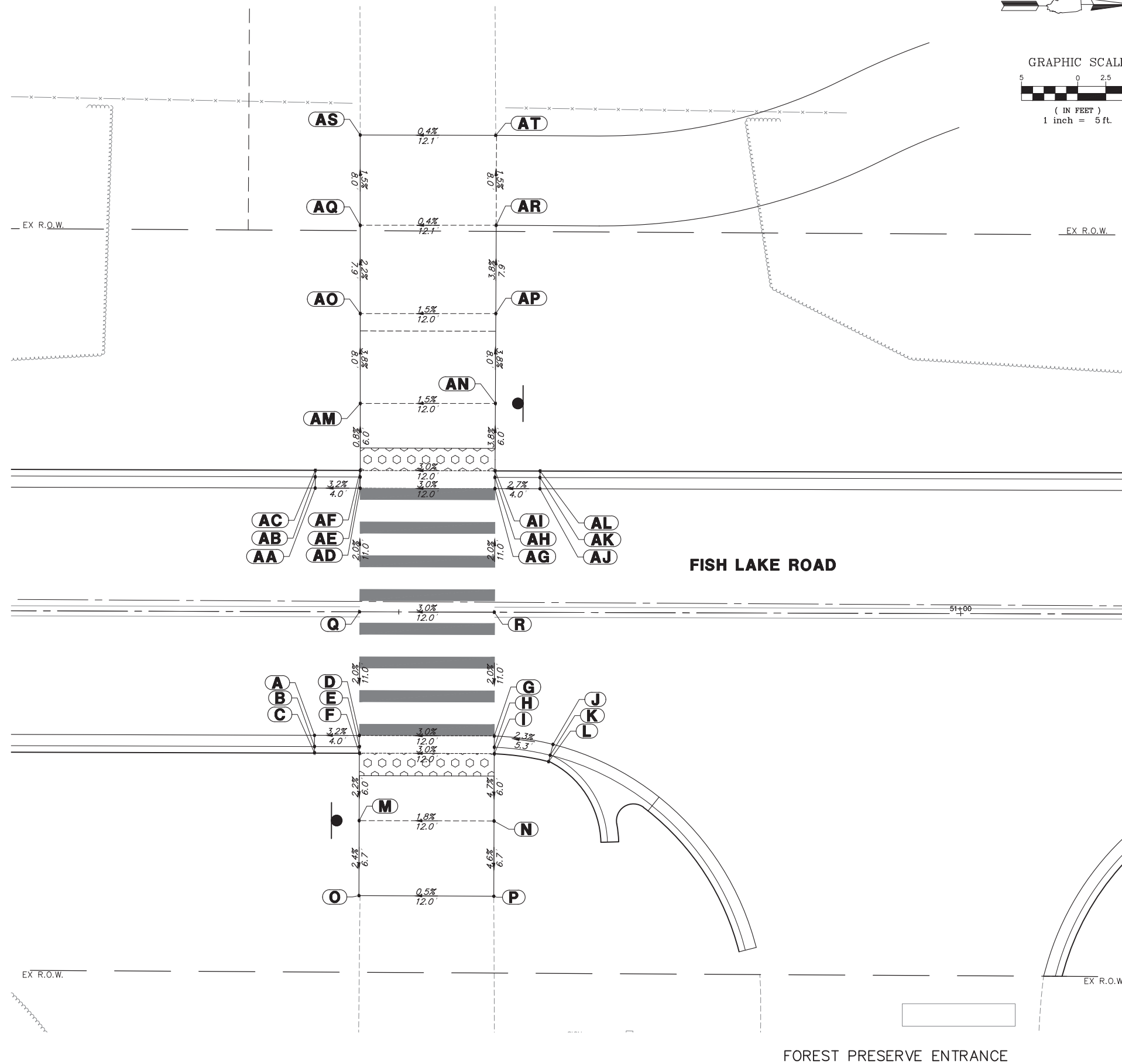


FILE NAME = 5867.200_Sht-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	57	
	PLOT DATE = 12/15/2023 4:43 PM	CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED		SHEET NO. 12 OF 12 SHEETS		STA. 98+00.00 TO STA. END			



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	50+42.5	11.0' R	805.00
B	50+42.5	12.0' R	804.94
C	50+42.5	12.6' R	805.44
D	50+46.5	11.0' R	805.13
E	50+46.5	12.0' R	805.08
F	50+46.5	12.6' R	805.12
G	50+58.5	11.0' R	805.49
H	50+58.5	12.0' R	805.44
I	50+58.5	12.6' R	805.48
J	50+63.8	11.7' R	805.61
K	50+63.5	12.7' R	805.55
L	50+63.4	13.3' R	806.05
M	50+46.5	18.6' R	804.99
N	50+58.5	18.6' R	805.20
O	50+46.5	25.3' R	(804.83)
P	50+58.5	25.3' R	(804.89)
Q	50+46.5	0.0'	805.35
R	50+58.5	0.0'	805.71

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	50+42.5	11.0' L	805.00
AB	50+42.5	12.0' L	804.94
AC	50+42.5	12.6' L	805.44
AD	50+46.5	11.0' L	805.13
AE	50+46.5	12.0' L	805.08
AF	50+46.5	12.6' L	805.12
AG	50+58.5	11.0' L	805.49
AH	50+58.5	12.0' L	805.44
AI	50+58.5	12.6' L	805.48
AJ	50+62.5	11.0' L	805.60
AK	50+62.5	12.0' L	805.54
AL	50+62.5	12.6' L	806.04
AM	50+46.5	18.5' L	805.07
AN	50+58.5	18.6' L	805.25
AO	50+46.5	26.5' L	804.77
AP	50+58.6	26.6' L	804.95
AQ	50+46.5	34.4' L	804.60
AR	50+58.6	34.4' L	804.65
AS	50+46.4	42.4' L	(804.48)
AT	50+58.5	42.4' L	(804.53)



FILE NAME = 5867.200-ADA.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

CHECKED - DPB

REVISED -

PLOT SCALE = 1" = .0833'

DATE - 12/18/2023

REVISED -

PLOT DATE = 12/15/2023 5:08 PM

DATE - 12/18/2023

REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
 FISH LAKE ROAD IMPROVEMENTS

SCALE 1"=5'

SHEET NO. 1 OF 3 SHEETS

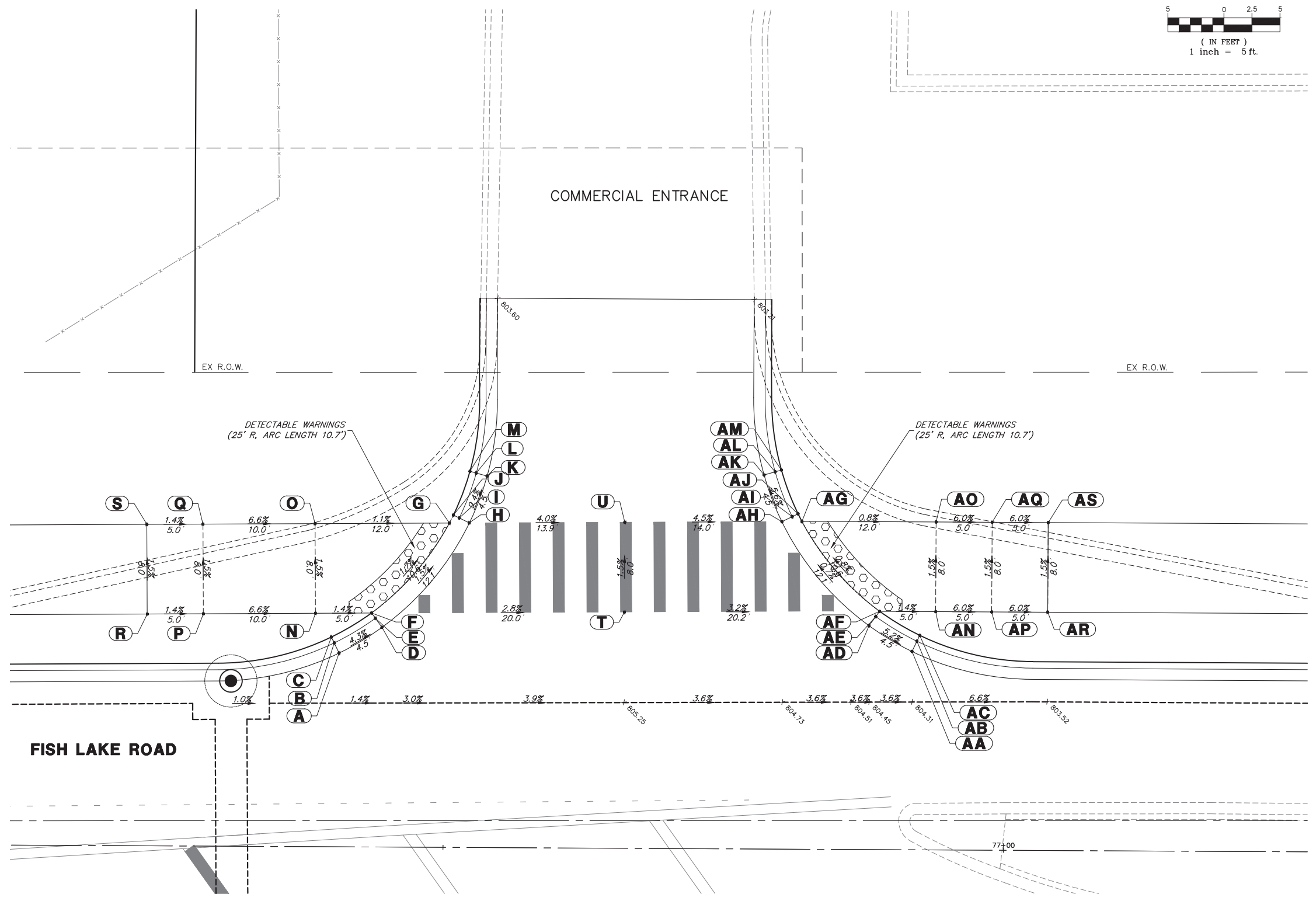
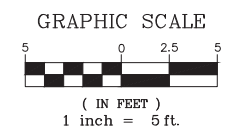
STA. TO STA.

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	58
CONTRACT #			61K10	

ILLINOIS FED. AID PROJECT

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	76+52.2	33.6' L	805.53
A	76+40.6	17.3' L	805.88
B	76+40.2	18.2' L	805.82
C	76+39.9	18.7' L	806.32
D	76+44.5	19.6' L	805.69
E	76+43.9	20.4' L	805.64
F	76+43.5	20.9' L	805.68
G	76+50.4	28.9' L	805.50
H	76+52.2	29.0' L	805.51
I	76+51.3	29.4' L	805.46
J	76+50.8	29.6' L	805.50
K	76+53.8	33.1' L	805.09
L	76+52.8	33.4' L	805.03
N	76+38.5	20.8' L	805.75
O	76+38.4	28.8' L	805.63
P	76+28.5	20.7' L	806.41
Q	76+28.4	28.7' L	806.29
R	76+23.5	20.7' L	806.48
S	76+23.4	28.7' L	806.36
T	76+66.1	21.1' L	805.08
U	76+66.1	29.1' L	804.96

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	76+91.7	17.7' L	804.19
AB	76+92.2	18.6' L	804.14
AC	76+92.4	19.1' L	804.64
AD	76+87.9	20.0' L	804.42
AE	76+88.5	20.8' L	804.37
AF	76+88.8	21.3' L	804.41
AG	76+81.9	29.2' L	804.32
AH	76+80.1	29.2' L	804.33
AI	76+81	29.7' L	804.28
AJ	76+81.5	29.9' L	804.32
AK	76+78.5	33.4' L	804.08
AL	76+79.5	33.6' L	804.02
AM	76+80	33.8' L	804.52
AN	76+93.8	21.2' L	804.34
AO	76+93.8	29.2' L	804.22
AP	76+98.8	21.2' L	804.04
AQ	76+98.8	29.2' L	803.92
AR	77+03.8	21.3' L	803.74
AS	77+03.8	29.2' L	803.62



FILE NAME = 5867.200-ADA.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - MGFC

REVISED -

PLOT DATE = 12/15/2023 5:09 PM

CHECKED - DPB

REVISED -

DATE - 12/18/2023

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
FISH LAKE ROAD IMPROVEMENTS

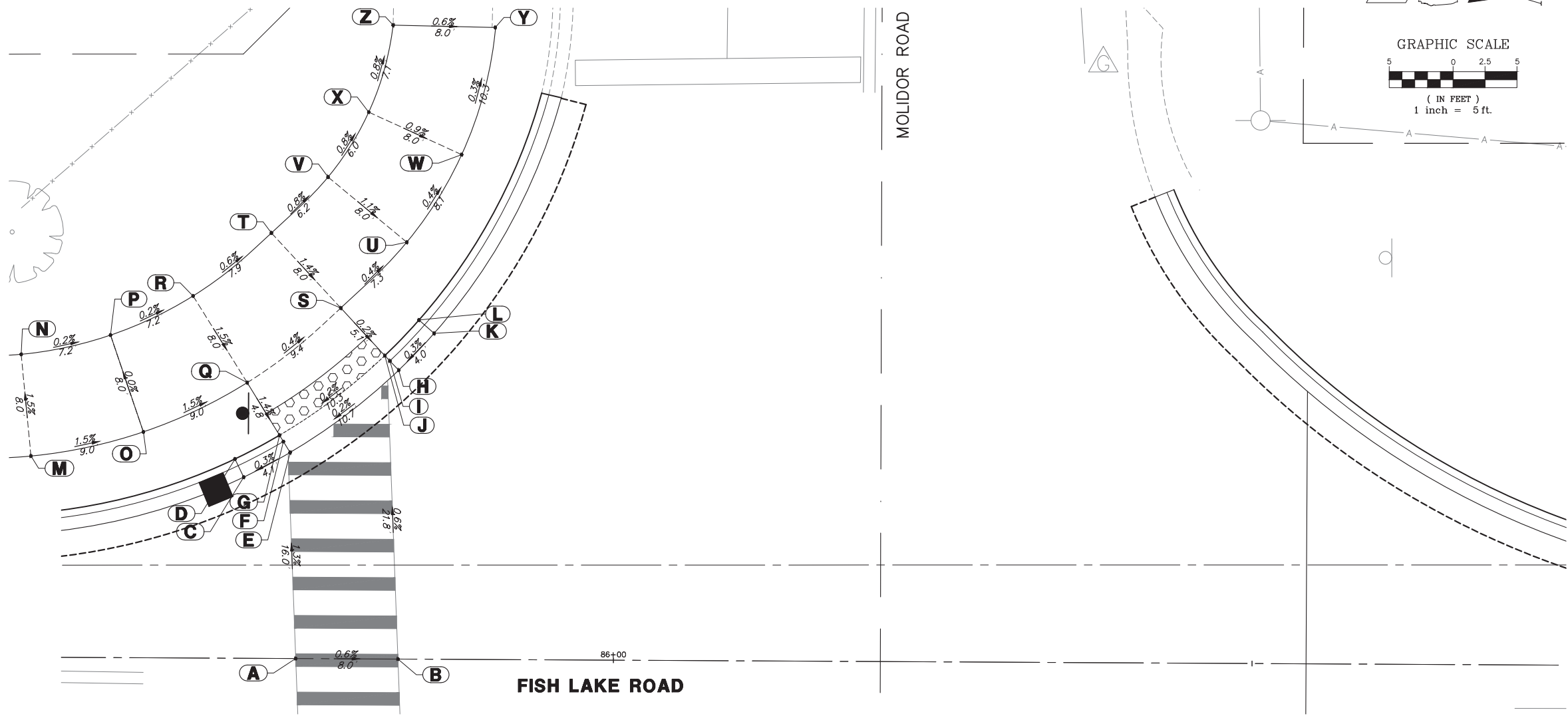
SCALE 1"=5'

SHEET NO. 2 OF 3 SHEETS

STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	59
CONTRACT #				61K10

ILLINOIS FED. AID PROJECT



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	85+75.1	0.0'	(798.31)
B	85+83.1	0.0'	(798.26)
C	85+71	14.2' L	798.09
D	85+70.3	15.6' L	798.59
E	85+74.6	16.1' L	798.11
F	85+74.1	17.0' L	798.06
G	85+73.8	17.5' L	798.10
H	85+83.1	22.6' L	798.13
I	85+82.4	23.3' L	798.08
J	85+82	23.7' L	798.12
K	85+85.8	25.5' L	798.14
L	85+84.6	26.5' L	798.58
M	85+54.3	15.7' L	798.44
N	85+53.5	23.7' L	798.32
O	85+63.1	17.7' L	798.30
P	85+60.5	25.2' L	798.30
Q	85+71.2	21.6' L	798.17
R	85+66.9	28.3' L	798.29
S	85+78.5	27.5' L	798.13
T	85+73.1	33.3' L	798.24
U	85+83.7	32.6' L	798.10
V	85+77.5	37.7' L	798.19
W	85+87.9	39.5' L	798.07
X	85+80.6	42.8' L	798.14
Y	85+90.5	49.5' L	(798.04)
Z	85+82.5	49.6' L	(798.09)

FILE NAME = 5867.200-ADA.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISED -

CHECKED - DPB

REVISED -

DATE - 12/18/2023

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
FISH LAKE ROAD IMPROVEMENTS**

SCALE 1"=5'

SHEET NO. 3 OF 3 SHEETS

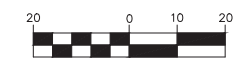
STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	60
CONTRACT #			61K10	

ILLINOIS FED. AID PROJECT



GRAPHIC SCALE

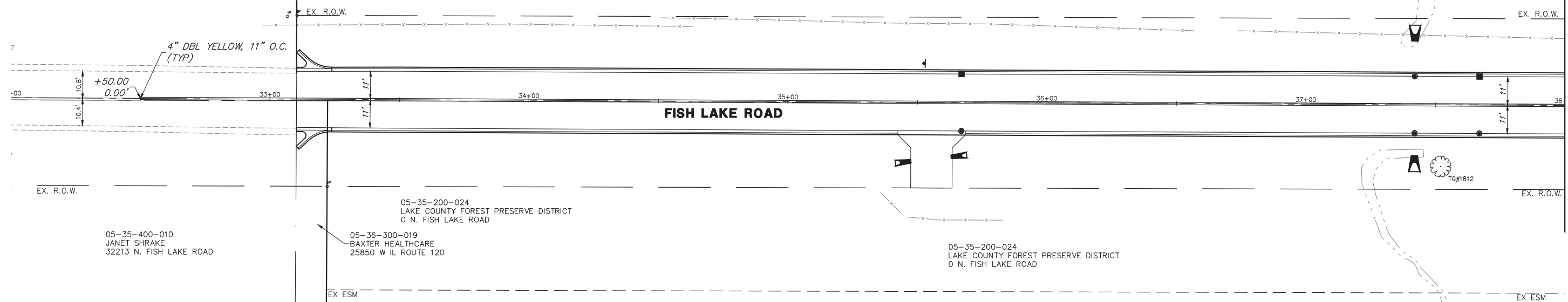


(IN FEET)
1 inch = 20 ft.

BEGIN IMPROVEMENTS
FISH LAKE ROAD
STA. 33+10.29

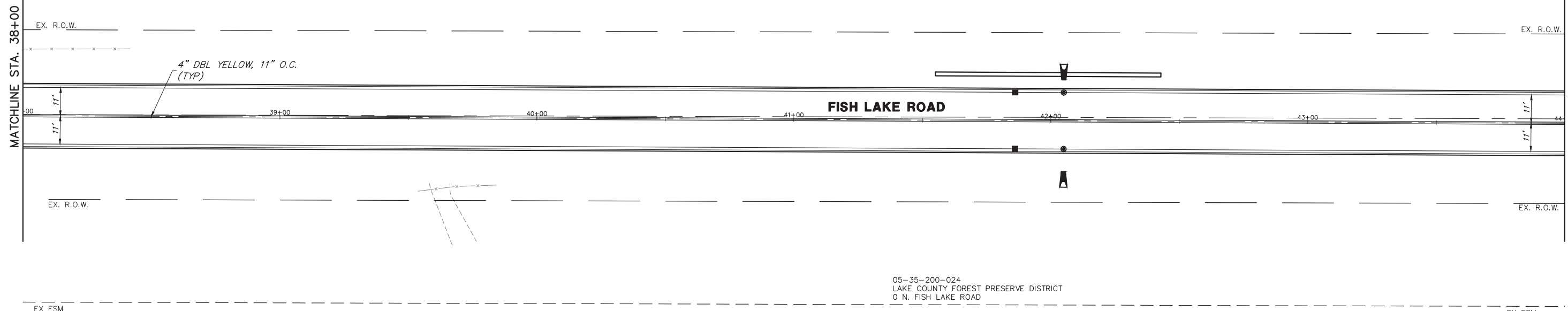
05-35-400-015
VILLAGE OF VOLO
32164 N. FISH LAKE ROAD

05-35-400-020
LAKE COUNTY FOREST PRESERVE DISTRICT
32350 N. FISH LAKE ROAD



NOTE:
PAVEMENT MARKINGS SHALL BE
THERMOPLASTIC UNLESS OTHERWISE NOTED.

05-35-400-020
LAKE COUNTY FOREST PRESERVE DISTRICT
32350 N. FISH LAKE ROAD



FILE NAME = 5867.200_Sht-PMK.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 12/15/2023 5:15 PM

DATE - 12/18/2023

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLANS
FISH LAKE ROAD IMPROVEMENTS

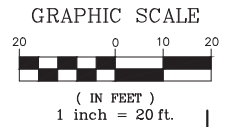
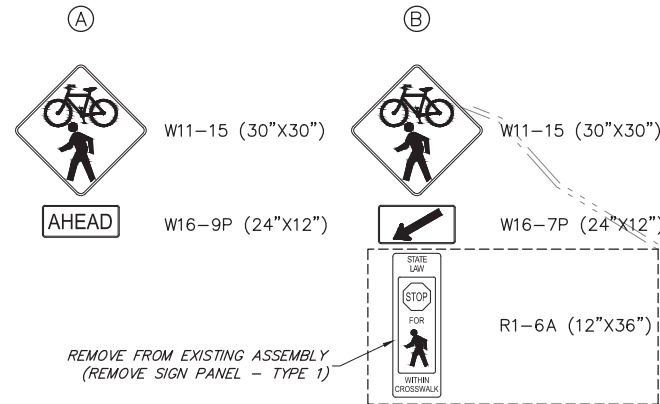
SCALE 1"=20'

SHEET NO. 1 OF 6 SHEETS

STA. B.O.P. TO STA. 44+00

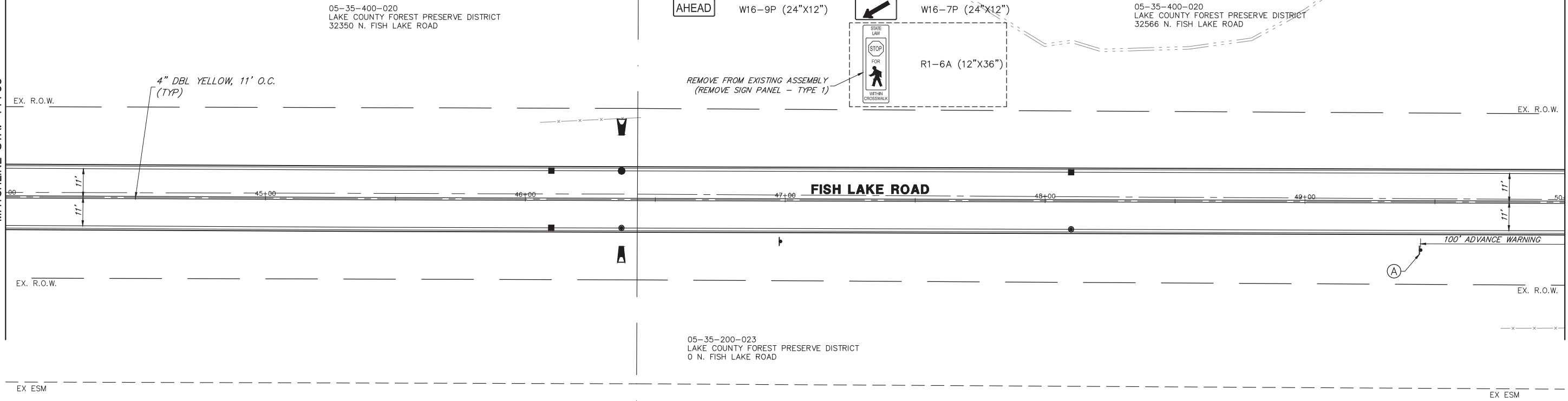
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	61
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				

EXISTING SIGNAGE LEGEND



MATCHLINE STA. 44+00

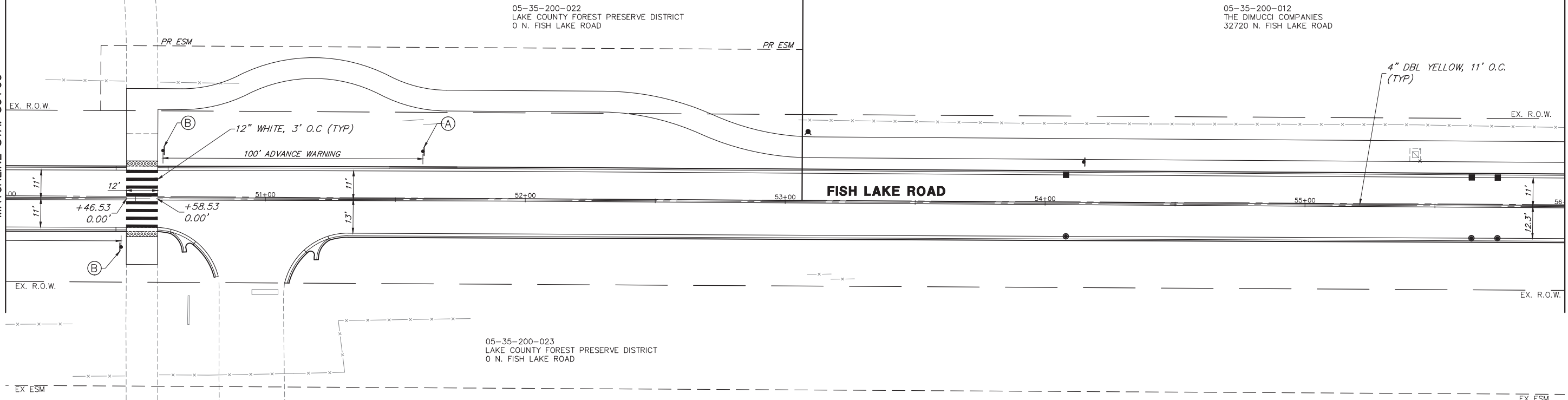
MATCHLINE STA. 50+00



NOTE: PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

MATCHLINE STA. 50+00

MATCHLINE STA. 56+00



FILE NAME = 5867.200_Sht-PMK.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -
		DRAWN - MGFC	REVISED -
	PLOT SCALE = 1" = .0833'	CHECKED - DPB	REVISED -
	PLOT DATE = 12/15/2023 5:16 PM	DATE - 12/18/2023	REVISED -

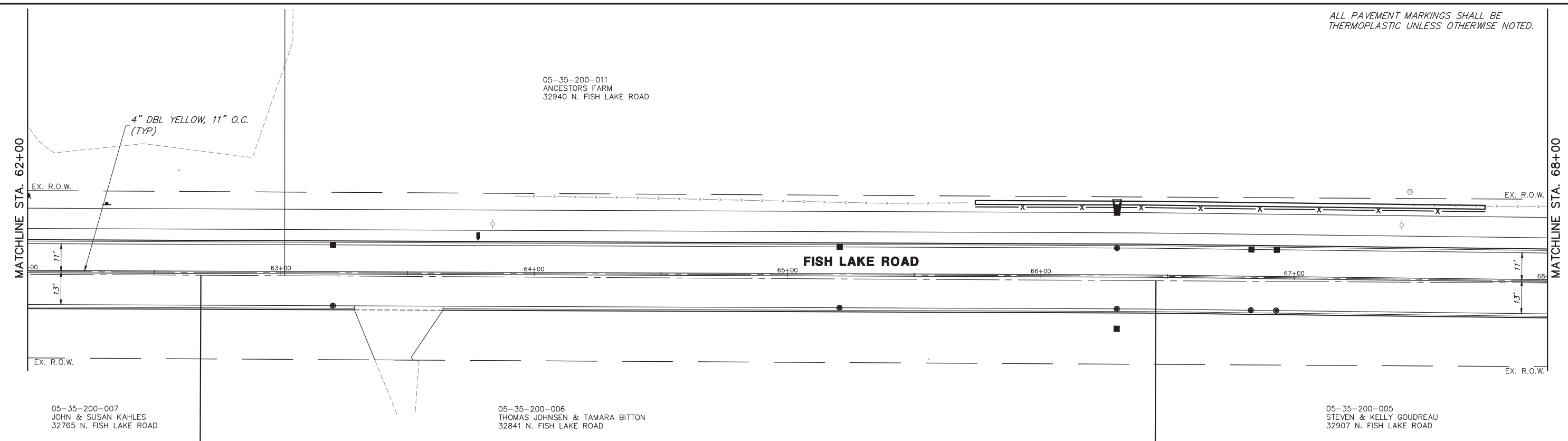
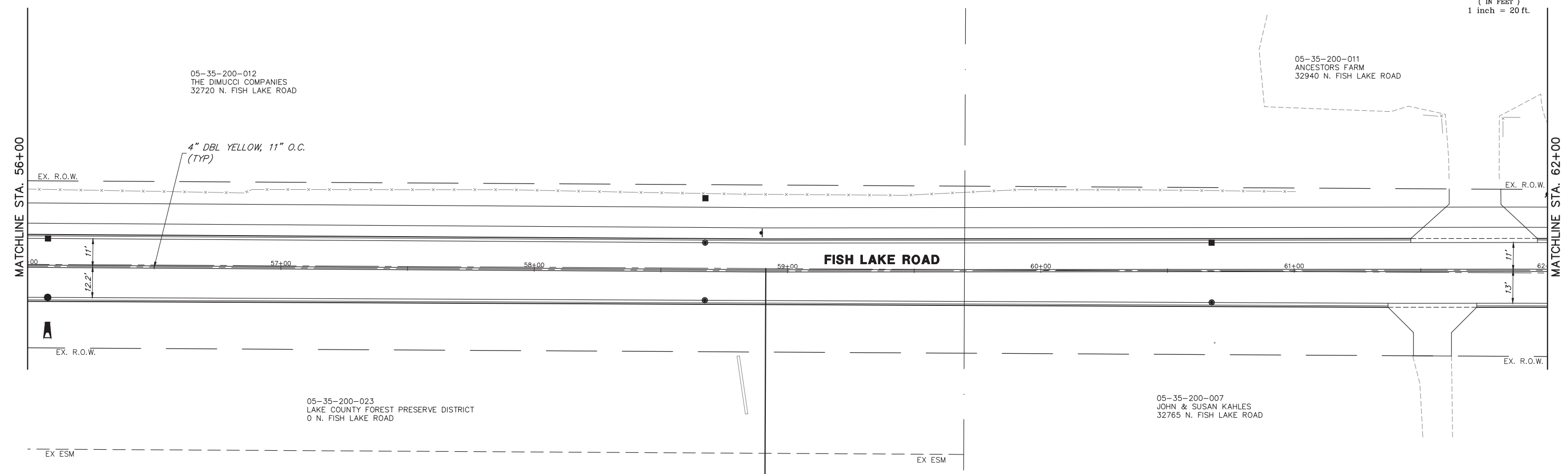
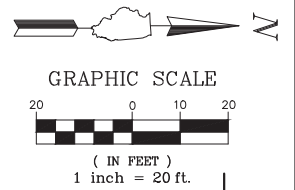
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLANS
FISH LAKE ROAD IMPROVEMENTS

SCALE 1"=20' SHEET NO. 2 OF 6 SHEETS STA. 44+00 TO STA. 66+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	62
CONTRACT #				61K10

ILLINOIS FED. AID PROJECT



ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

FILE NAME = 5867.200_Sht-PMK.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNAGE PLANS FISH LAKE ROAD IMPROVEMENTS			FAU RTE. 0163	SECTION 15-08113-05-CH	COUNTY LAKE	TOTAL SHEETS 112	SHEET NO. 63
	PLOT SCALE = 1" = .0833'	CHECKED - DPB	REVISED -					SCALE 1"=20'		SHEET NO. 3 OF 6 SHEETS	STA. 56+00 TO STA. 68+00	CONTRACT # 61K10
PLOT DATE = 12/15/2023 5:17 PM	DATE - 12/18/2023	REVISED -	REVISED -									



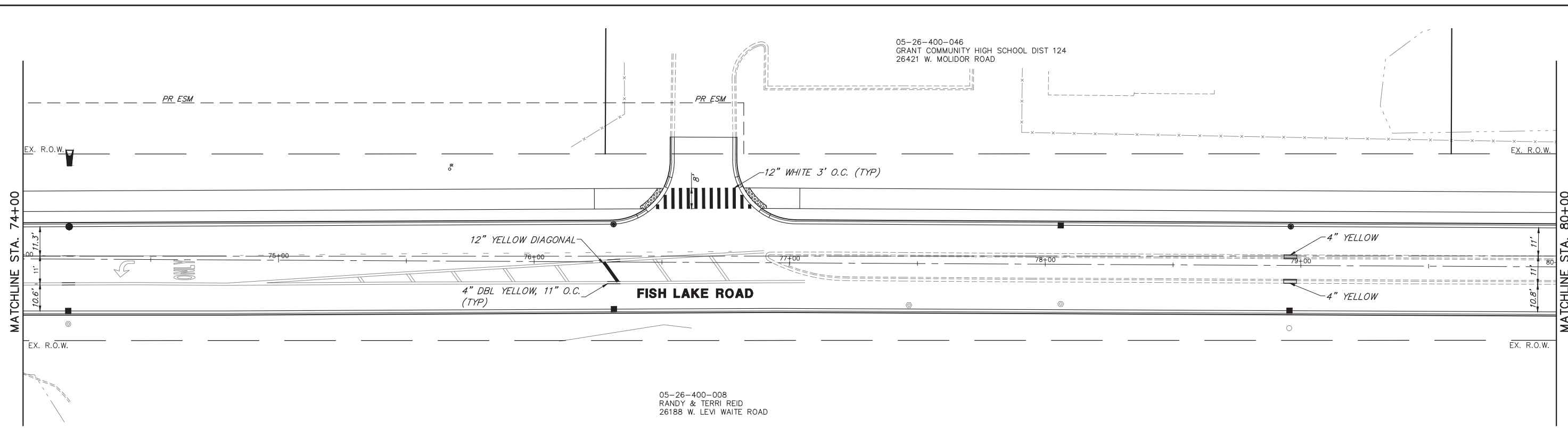
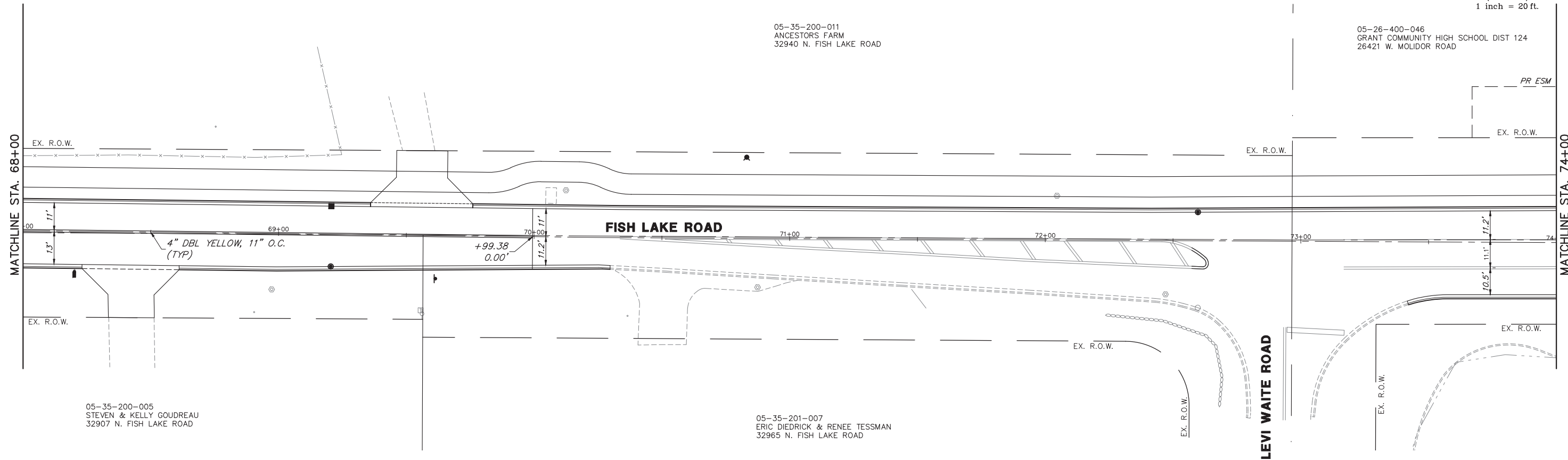
GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

05-35-200-011
ANCESTORS FARM
32940 N. FISH LAKE ROAD

05-26-400-046
GRANT COMMUNITY HIGH SCHOOL DIST 124
26421 W. MOLITOR ROAD



ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

FILE NAME = 5867.200_Sht-PMK.dwg

USER NAME = DOMINIC OLESAK

DESIGNED	-	MGFC	REVISED	-
DRAWN	-	MGFC	REVISED	-
CHECKED	-	DPB	REVISED	-
DATE	-	12/18/2023	REVISED	-

PLOT SCALE = 1" = .0833'
PLOT DATE = 12/15/2023 5:18 PM

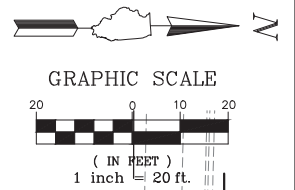
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLANS
FISH LAKE ROAD IMPROVEMENTS

SCALE 1"=20' SHEET NO. 4 OF 6 SHEETS STA. 68+00 TO STA. 80+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	64
CONTRACT #			61K10	

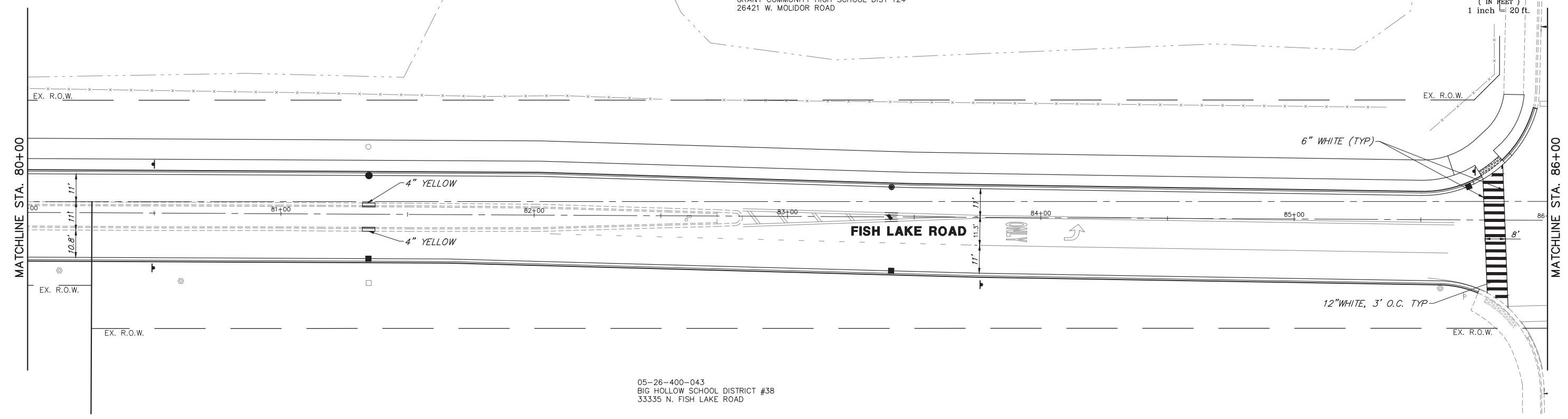
ILLINOIS FED. AID PROJECT



05-26-400-046
GRANT COMMUNITY HIGH SCHOOL DIST 124
26421 W. MOLITOR ROAD

MATCHLINE STA. 80+00

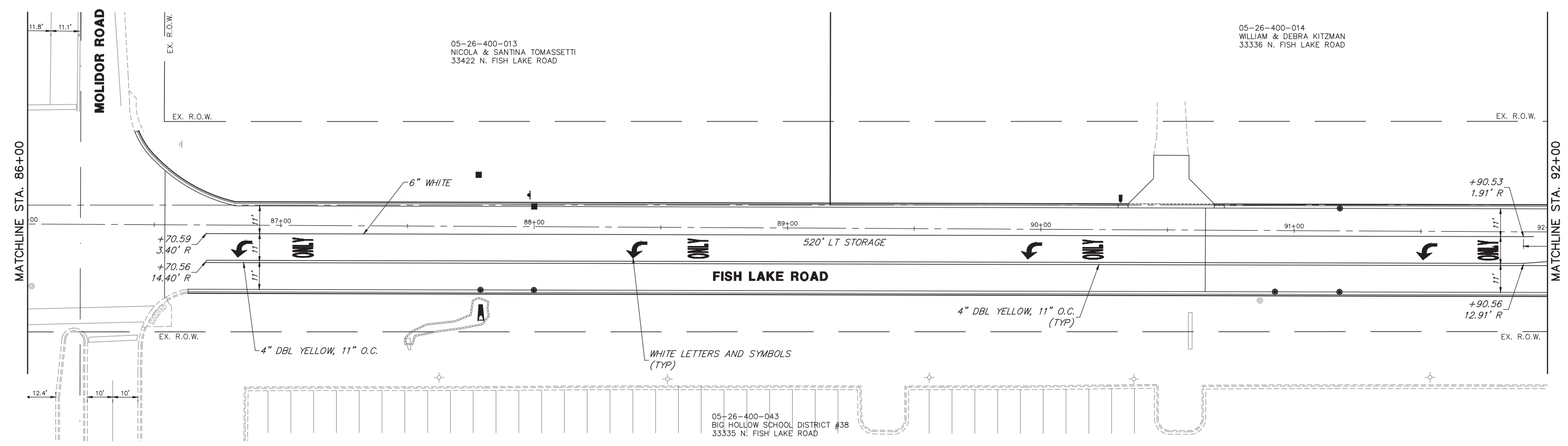
MATCHLINE STA. 86+00



05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD

MATCHLINE STA. 86+00

MATCHLINE STA. 92+00



05-26-400-013
NICOLA & SANTINA TOMASSETTI
33422 N. FISH LAKE ROAD

05-26-400-014
WILLIAM & DEBRA KITZMAN
33336 N. FISH LAKE ROAD

05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

FILE NAME = 5867.200_Sht-PMK.dwg

USER NAME = MARK COBB

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISID -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 12/19/2023 4:15 PM

DATE - 12/18/2023

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLANS
FISH LAKE ROAD IMPROVEMENTS

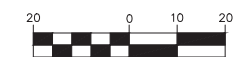
SCALE 1"=20' SHEET NO. 5 OF 6 SHEETS STA. 80+00 TO STA. 92+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	65
CONTRACT #			61K10	

ILLINOIS FED. AID PROJECT



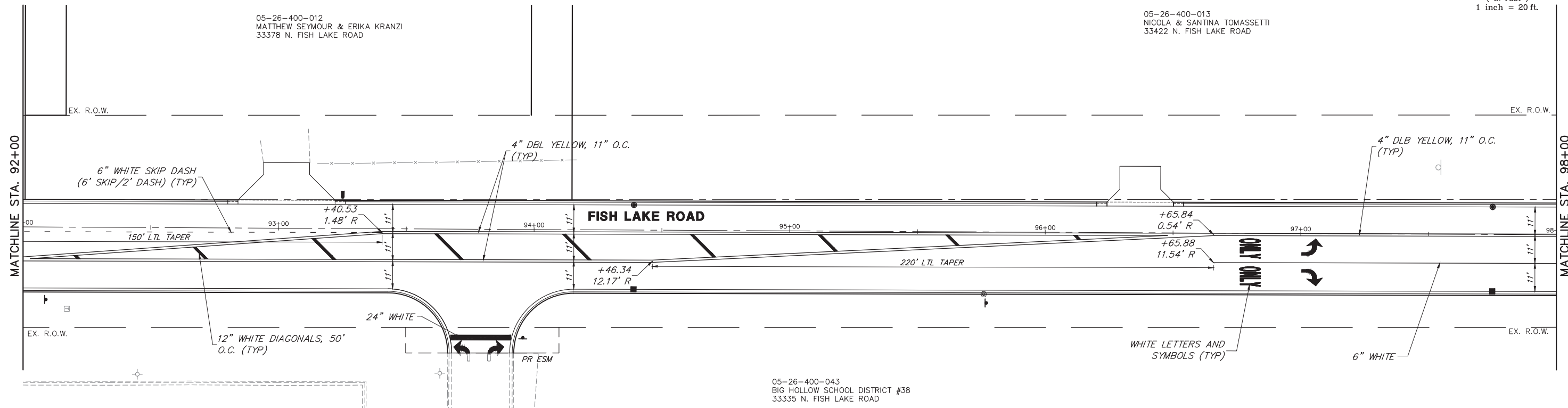
GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

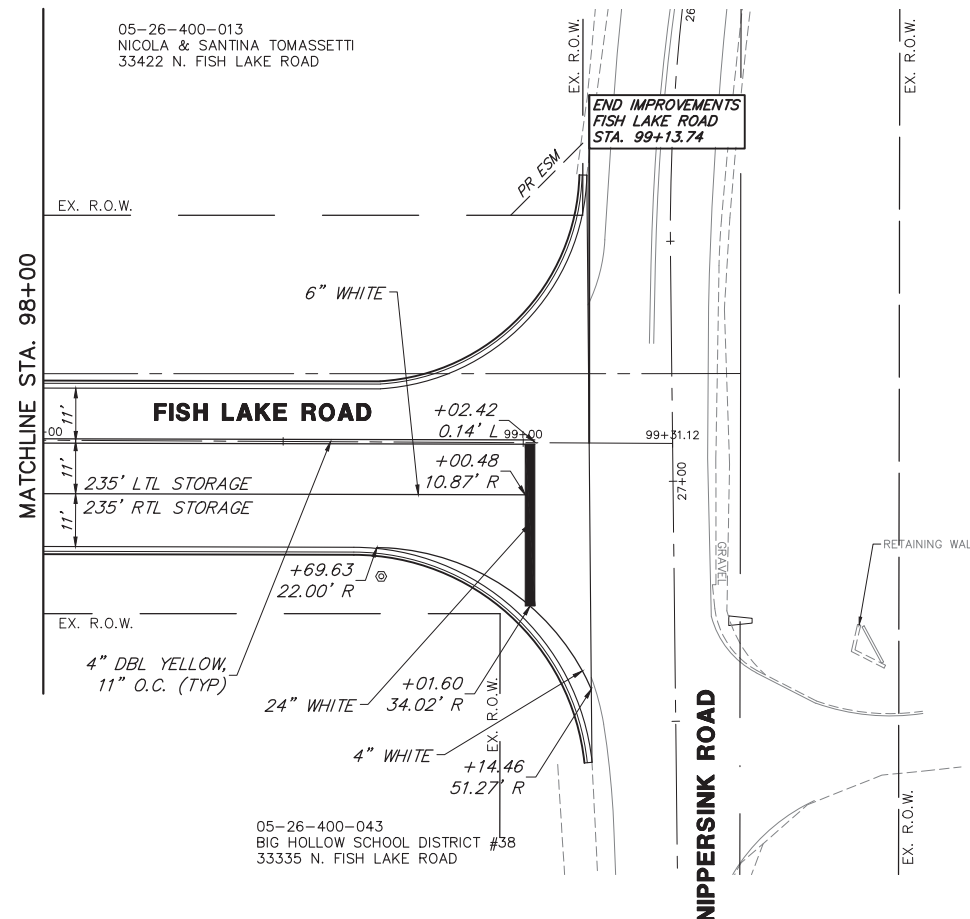
05-26-400-012
MATTHEW SEYMOUR & ERIKA KRANZI
33378 N. FISH LAKE ROAD

05-26-400-013
NICOLA & SANTINA TOMASSETTI
33422 N. FISH LAKE ROAD



05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD

05-26-400-013
NICOLA & SANTINA TOMASSETTI
33422 N. FISH LAKE ROAD



05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD

END IMPROVEMENTS
FISH LAKE ROAD
STA. 99+13.74

ALL PAVEMENT MARKINGS SHALL BE
THERMOPLASTIC UNLESS OTHERWISE NOTED.

FILE NAME = 5867.200_Sht-PMK.dwg

USER NAME = MARK COBB

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISED -

CHECKED - DPB

REVISED -

DATE - 12/18/2023

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLANS
FISH LAKE ROAD IMPROVEMENTS

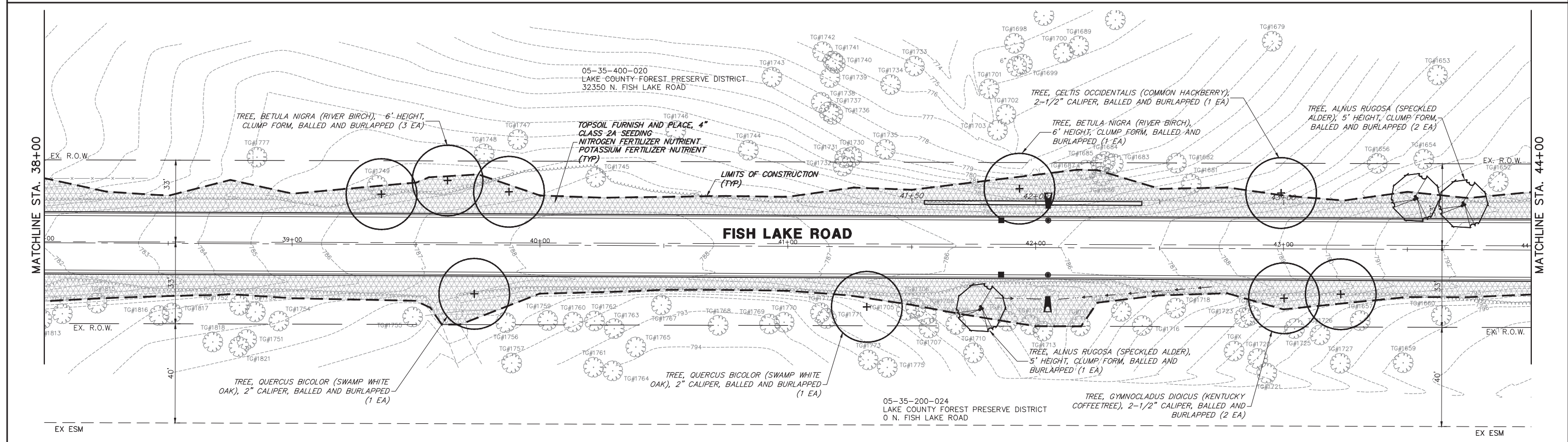
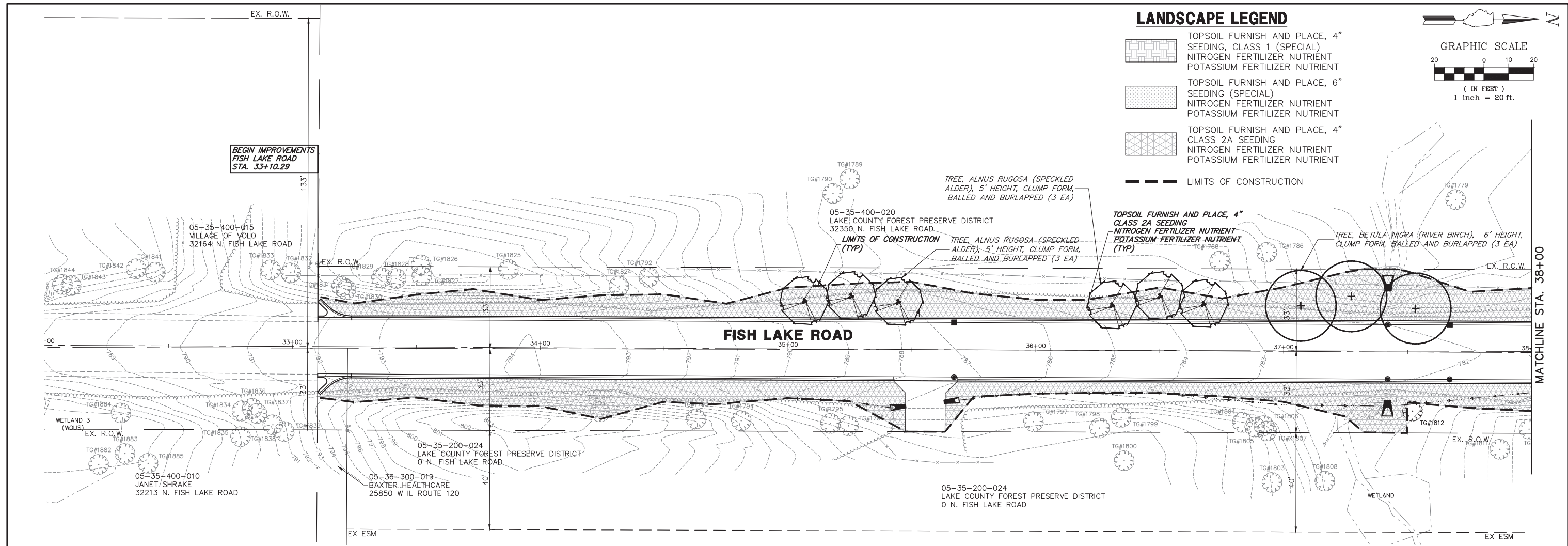
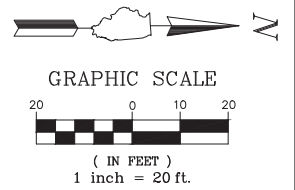
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	66
CONTRACT #			61K10	

SCALE 1"=20' SHEET NO. 6 OF 6 SHEETS STA. 92+00 TO STA. E.O.P.

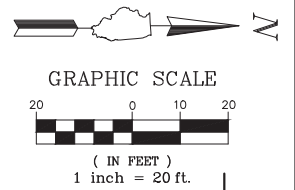
ILLINOIS FED. AID PROJECT

LANDSCAPE LEGEND

- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1 (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
- TOPSOIL FURNISH AND PLACE, 6" SEEDING (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
- TOPSOIL FURNISH AND PLACE, 4" CLASS 2A SEEDING NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
- LIMITS OF CONSTRUCTION

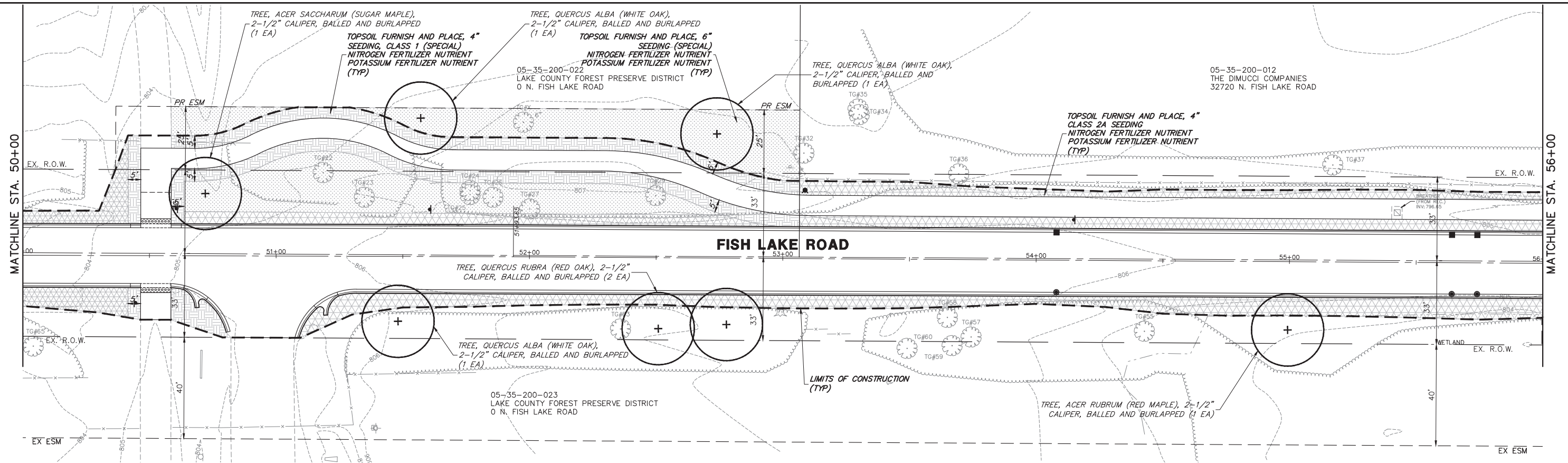
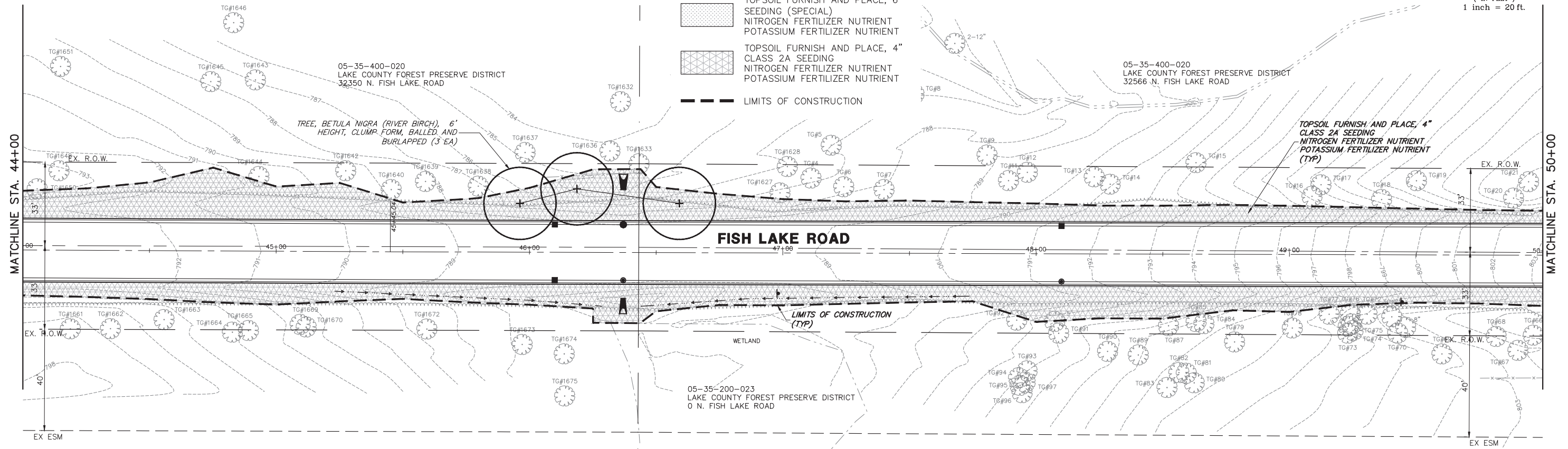


FILE NAME = 5867.200_Sht-LS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS FISH LAKE ROAD IMPROVEMENTS			FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -		SCALE 1"=20'	SHEET NO. 1 OF 6 SHEETS	STA. B.O.P. TO STA. 44+00	0163	15-08113-05-CH	LAKE	112	67
	PLOT DATE = 12/15/2023 5:32 PM	CHECKED - DPB	REVISED -					CONTRACT # 61K10				
		DATE - 12/18/2023	REVISED -					ILLINOIS FED. AID PROJECT				



LANDSCAPE LEGEND

- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1 (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
- TOPSOIL FURNISH AND PLACE, 6" SEEDING (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
- TOPSOIL FURNISH AND PLACE, 4" CLASS 2A SEEDING NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
- LIMITS OF CONSTRUCTION



FILE NAME = 5867.200_Sht-LS.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - MGFC

REVISED -

PLOT DATE = 12/15/2023 5:34 PM

CHECKED - DPB

REVISED -

DATE - 12/18/2023

REVISED -

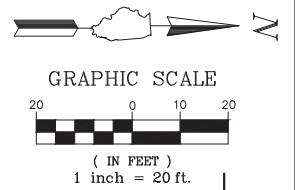
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLANS
FISH LAKE ROAD IMPROVEMENTS**

SCALE 1"=20' SHEET NO. 2 OF 6 SHEETS STA. 44+00 TO STA. 66+00

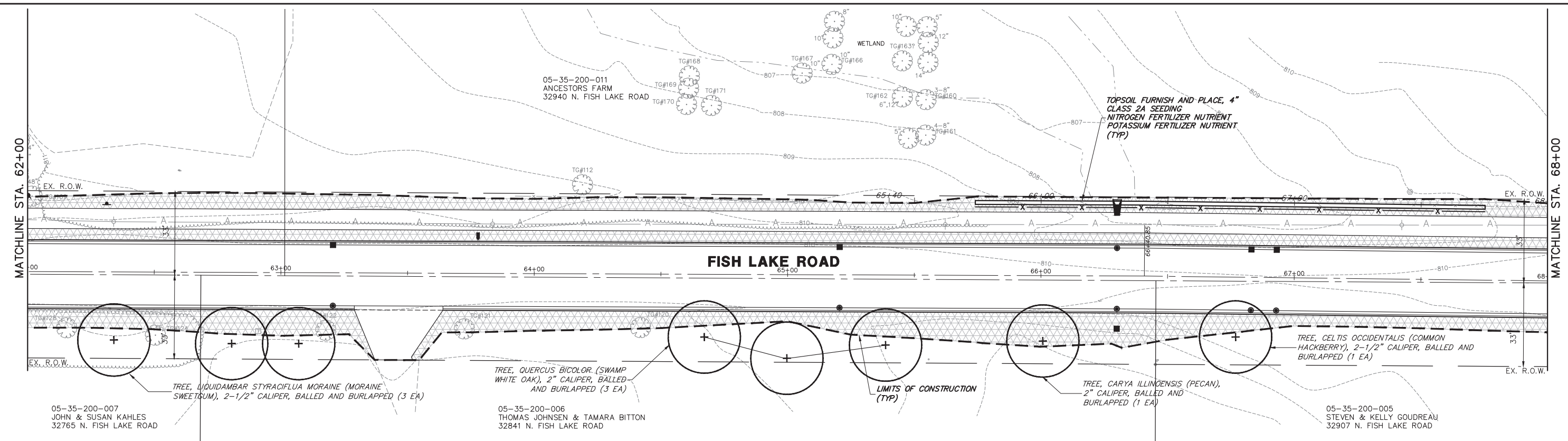
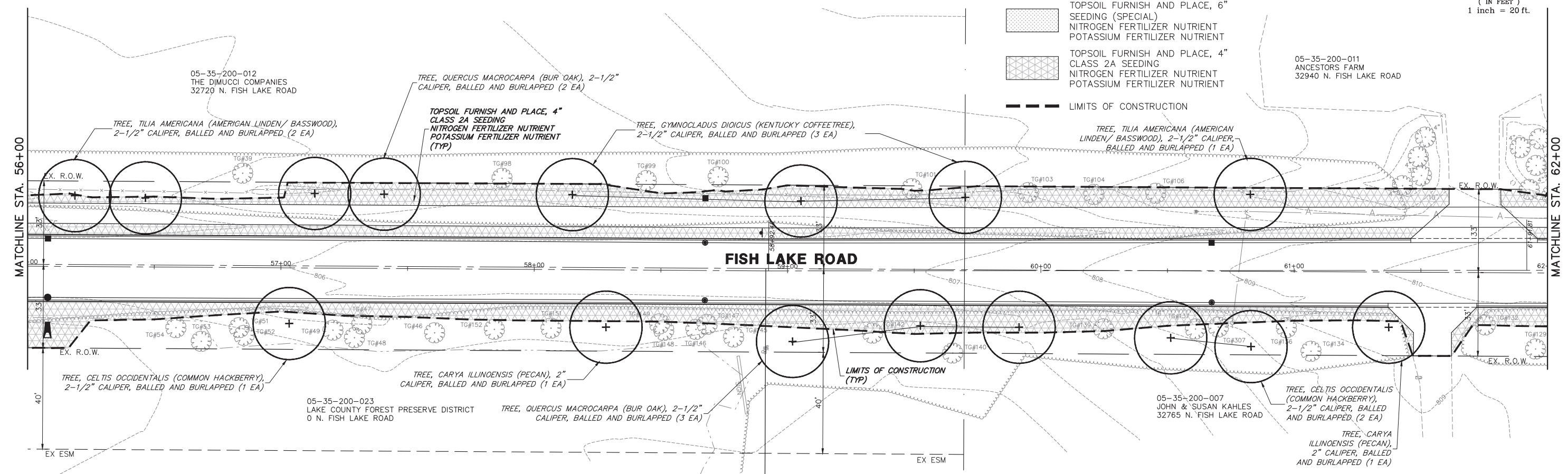
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	68
CONTRACT #			61K10	

ILLINOIS FED. AID PROJECT







LANDSCAPE LEGEND

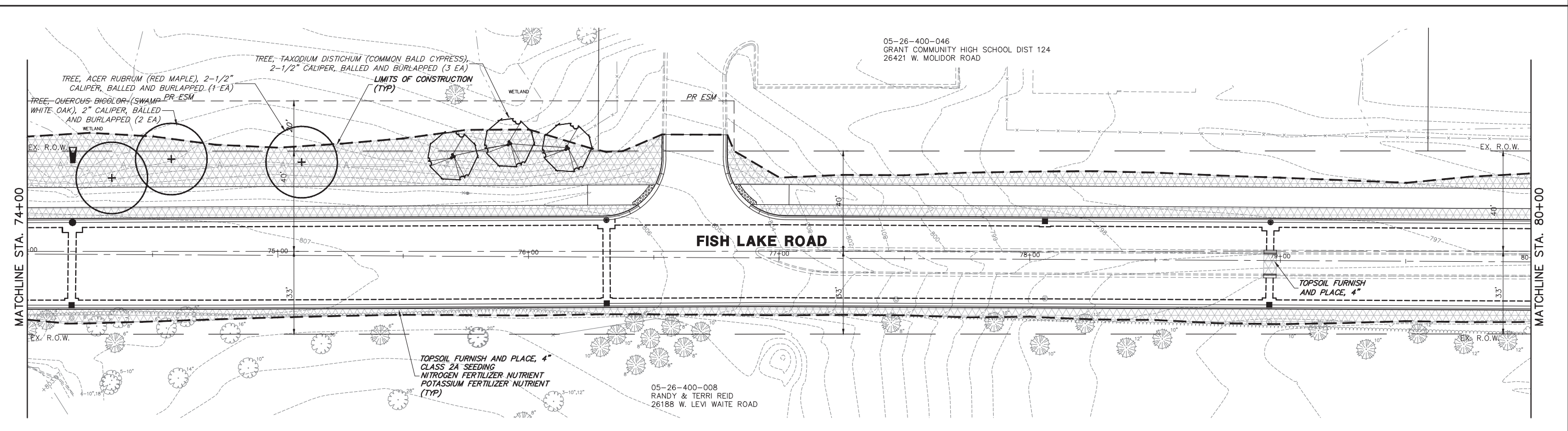
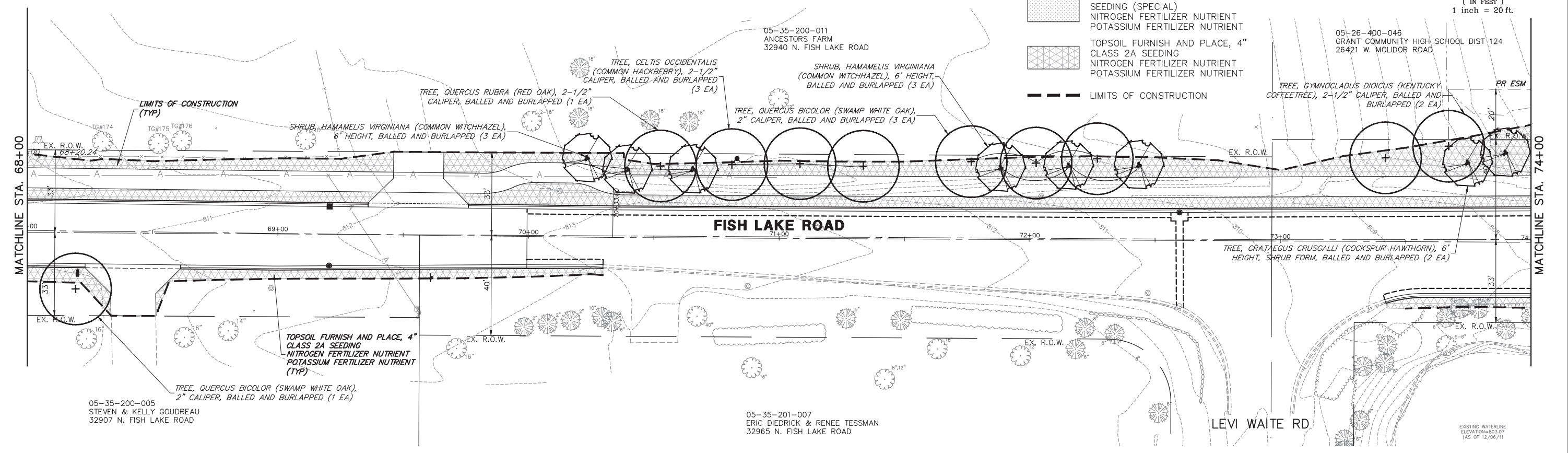
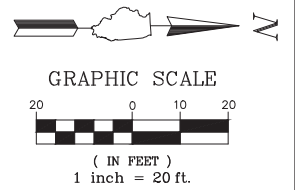
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1 (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
- TOPSOIL FURNISH AND PLACE, 6" SEEDING (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
- TOPSOIL FURNISH AND PLACE, 4" CLASS 2A SEEDING NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
- LIMITS OF CONSTRUCTION



FILE NAME = 5867.200_Sht-LS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS FISH LAKE ROAD IMPROVEMENTS			FAU RTE. 0163	SECTION 15-08113-05-CH	COUNTY LAKE	TOTAL SHEETS 112	SHEET NO. 69
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -		SCALE 1"=20'	SHEET NO. 3 OF 6 SHEETS	STA. 56+00 TO STA. 68+00	CONTRACT # 61K10		ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/15/2023 5:36 PM	CHECKED - DPB	DATE - 12/18/2023	REVISED -									

LANDSCAPE LEGEND

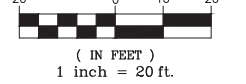
-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1 (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
-  TOPSOIL FURNISH AND PLACE, 6" SEEDING (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
-  TOPSOIL FURNISH AND PLACE, 4" CLASS 2A SEEDING NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
-  LIMITS OF CONSTRUCTION



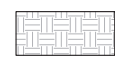

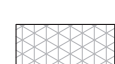

FILE NAME = 5867.200_Sht-LS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS FISH LAKE ROAD IMPROVEMENTS			FAU RTE. 0163	SECTION 15-08113-05-CH	COUNTY LAKE	TOTAL SHEETS 112	SHEET NO. 70	
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -		SCALE 1"=20'	SHEET NO. 4 OF 6 SHEETS	STA. 68+00 TO STA. 80+00	CONTRACT # 61K10		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 12/15/2023 5:38 PM	CHECKED - DPB	REVISED -										
		DATE - 12/18/2023	REVISED -										



GRAPHIC SCALE



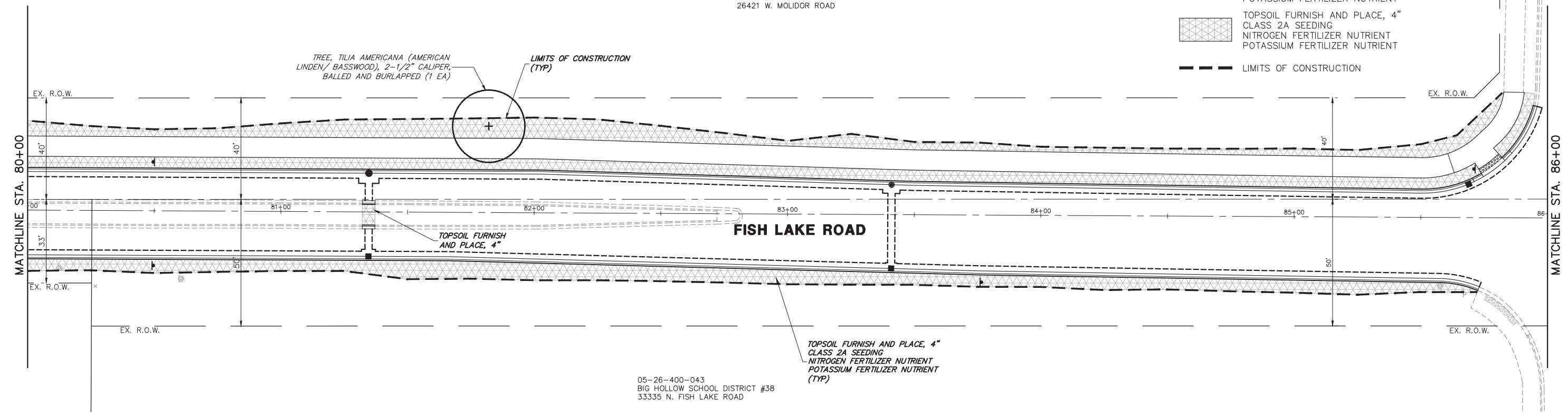
LANDSCAPE LEGEND

-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1 (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
-  TOPSOIL FURNISH AND PLACE, 6" SEEDING (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
-  TOPSOIL FURNISH AND PLACE, 4" CLASS 2A SEEDING NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
-  LIMITS OF CONSTRUCTION

05-26-400-046
GRANT COMMUNITY HIGH SCHOOL DIST 124
26421 W. MOLITOR ROAD

TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED (1 EA)

LIMITS OF CONSTRUCTION (TYP)



05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD

TOPSOIL FURNISH AND PLACE, 4" CLASS 2A SEEDING NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT (TYP)

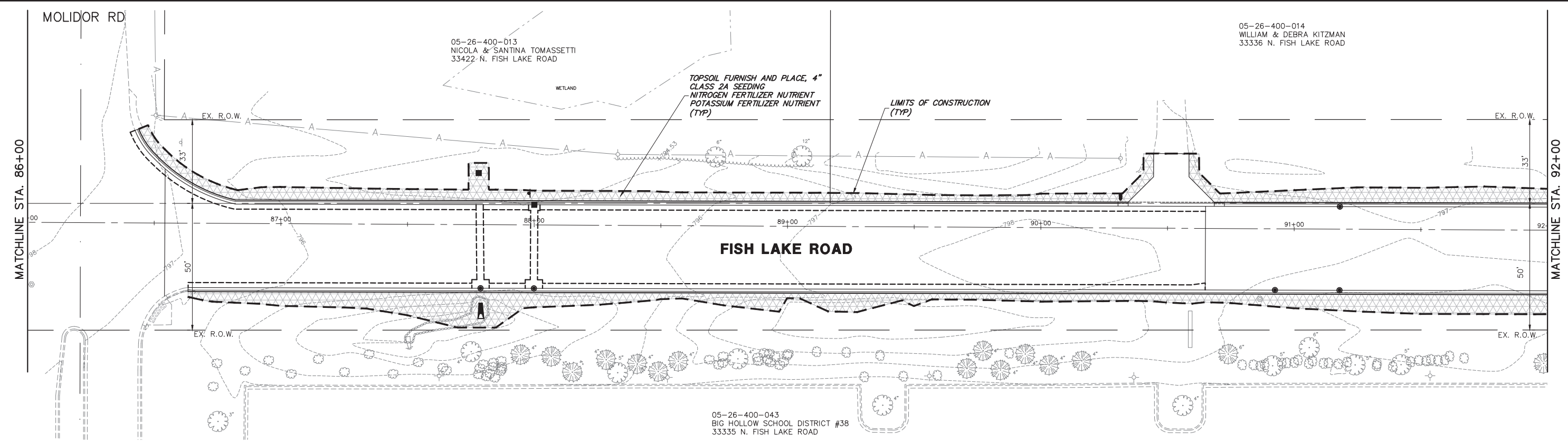
MOLITOR RD

05-26-400-013
NICOLA & SANTINA TOMASSETTI
33422 N. FISH LAKE ROAD

05-26-400-014
WILLIAM & DEBRA KITZMAN
33336 N. FISH LAKE ROAD

TOPSOIL FURNISH AND PLACE, 4" CLASS 2A SEEDING NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT (TYP)

LIMITS OF CONSTRUCTION (TYP)



05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD

FILE NAME = 5867.200_Sht-LS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS FISH LAKE ROAD IMPROVEMENTS			FAU RTE 0163	SECTION 15-08113-05-CH	COUNTY LAKE	TOTAL SHEETS 112	SHEET NO. 71	
	PLOT SCALE = 1" = .0833'	DRAWN - MGFC	REVISED -		SCALE 1"=20'	SHEET NO. 5 OF 6 SHEETS	STA. 80+00 TO STA. 92+00	CONTRACT #		61K10			
	PLOT DATE = 12/15/2023 5:40 PM	CHECKED - DPB	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - 12/18/2023	REVISED -										



GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

05-26-400-012
MATTHEW SEYMOUR & ERIKA KRANZI
33378 N. FISH LAKE ROAD

05-26-400-013
NICOLA & SANTINA TOMASSETTI
33422 N. FISH LAKE ROAD





TOPSOIL FURNISH AND PLACE, 4"
CLASS 2A SEEDING
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
(TYP)

LIMITS OF CONSTRUCTION
(TYP)

FISH LAKE ROAD

05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD

LANDSCAPE LEGEND

-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1 (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
-  TOPSOIL FURNISH AND PLACE, 6" SEEDING (SPECIAL) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
-  TOPSOIL FURNISH AND PLACE, 4" CLASS 2A SEEDING NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
-  LIMITS OF CONSTRUCTION

05-26-400-013
NICOLA & SANTINA TOMASSETTI
33422 N. FISH LAKE ROAD

END IMPROVEMENTS
FISH LAKE ROAD
STA. 99+13.74

FISH LAKE ROAD

NIPPERSINK RD

TOPSOIL FURNISH AND PLACE, 4"
CLASS 2A SEEDING
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
(TYP)

05-26-400-043
BIG HOLLOW SCHOOL DISTRICT #38
33335 N. FISH LAKE ROAD

FILE NAME = 5867.200_Sht-LS.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 12/15/2023 5:42 PM

DATE - 12/18/2023

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLANS
FISH LAKE ROAD IMPROVEMENTS

SCALE 1"=20'

SHEET NO. 6 OF 6 SHEETS

STA. 92+00 TO STA. E.O.P.

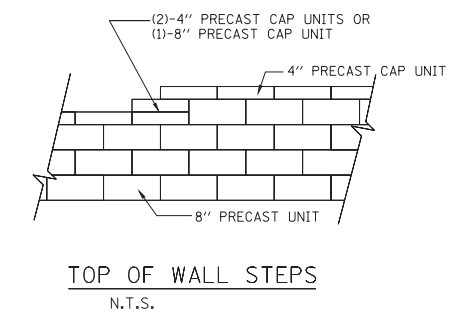
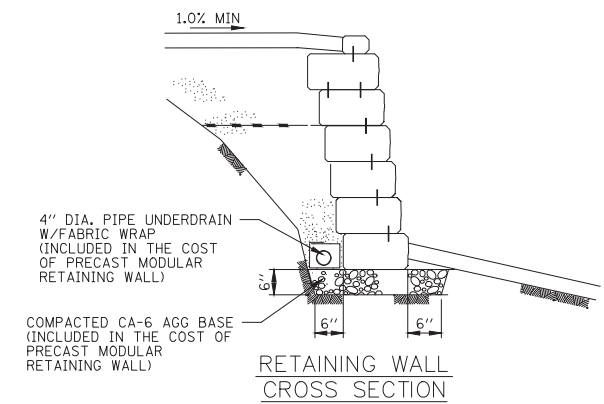
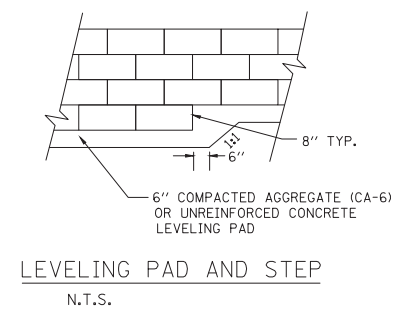
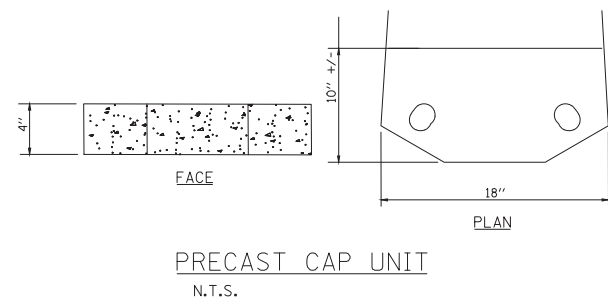
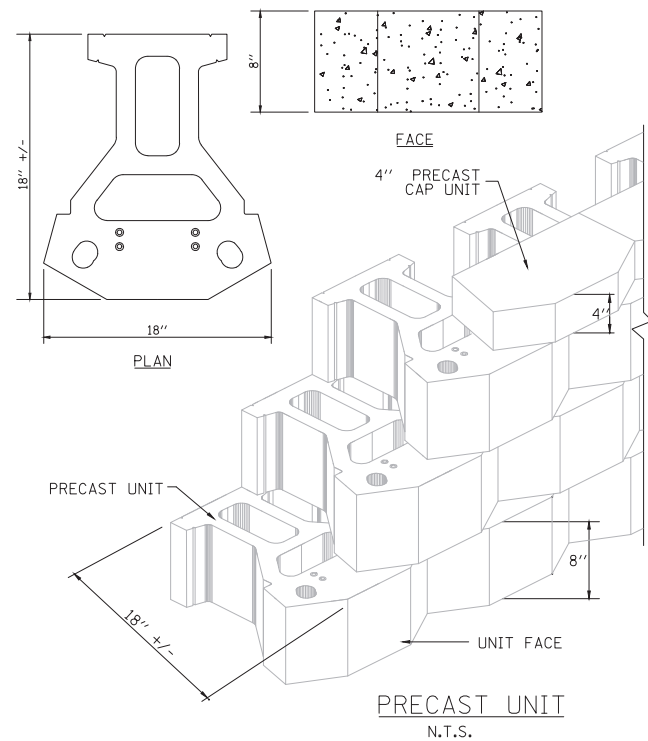
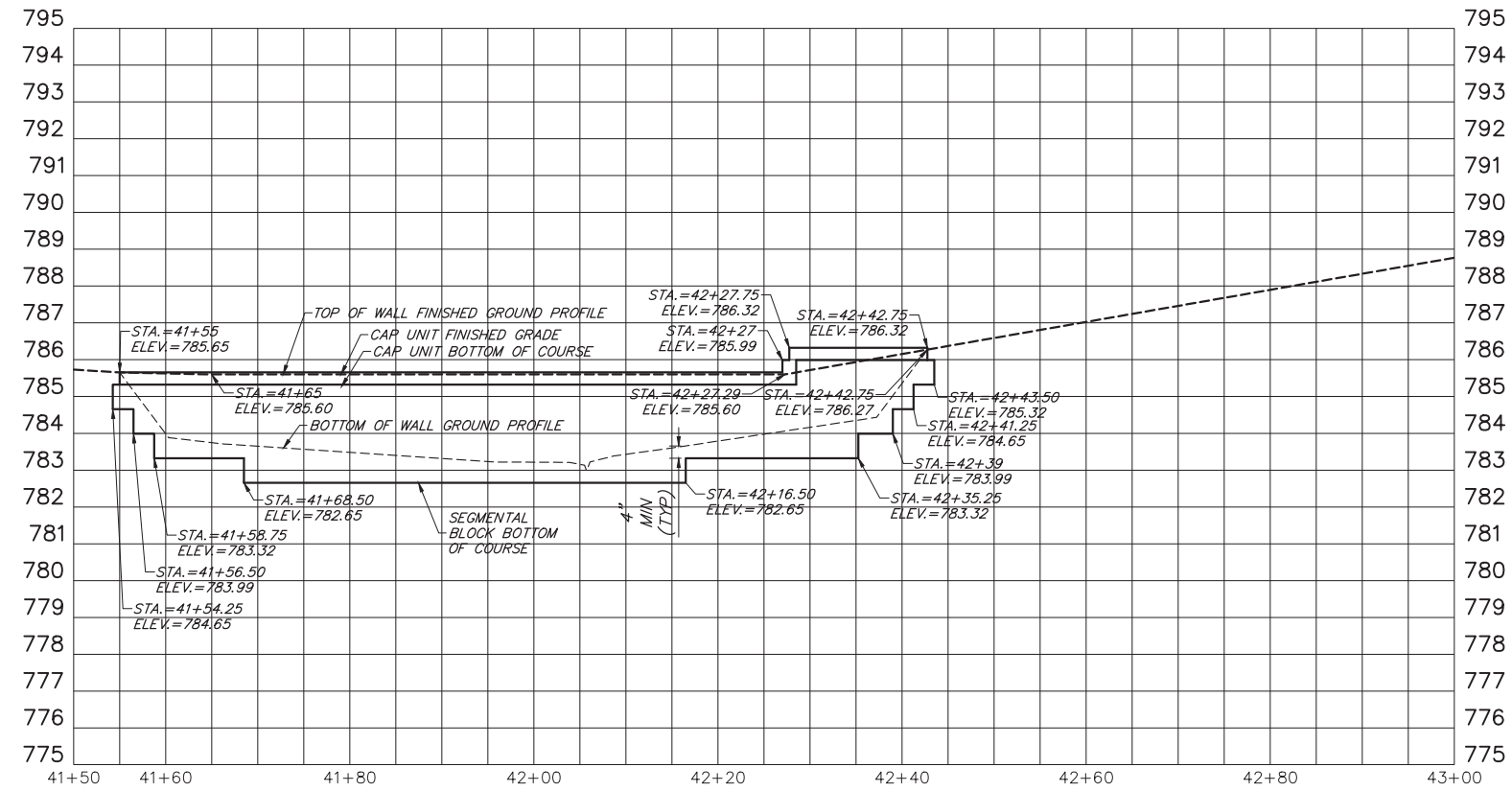
FAU RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.

0163 15-08113-05-CH LAKE 112 72

CONTRACT # 61K10

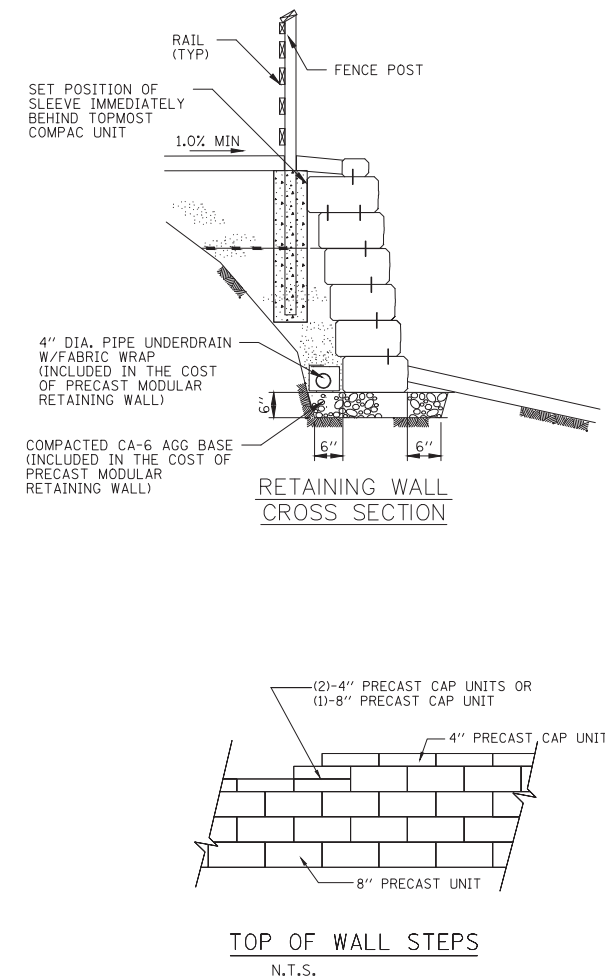
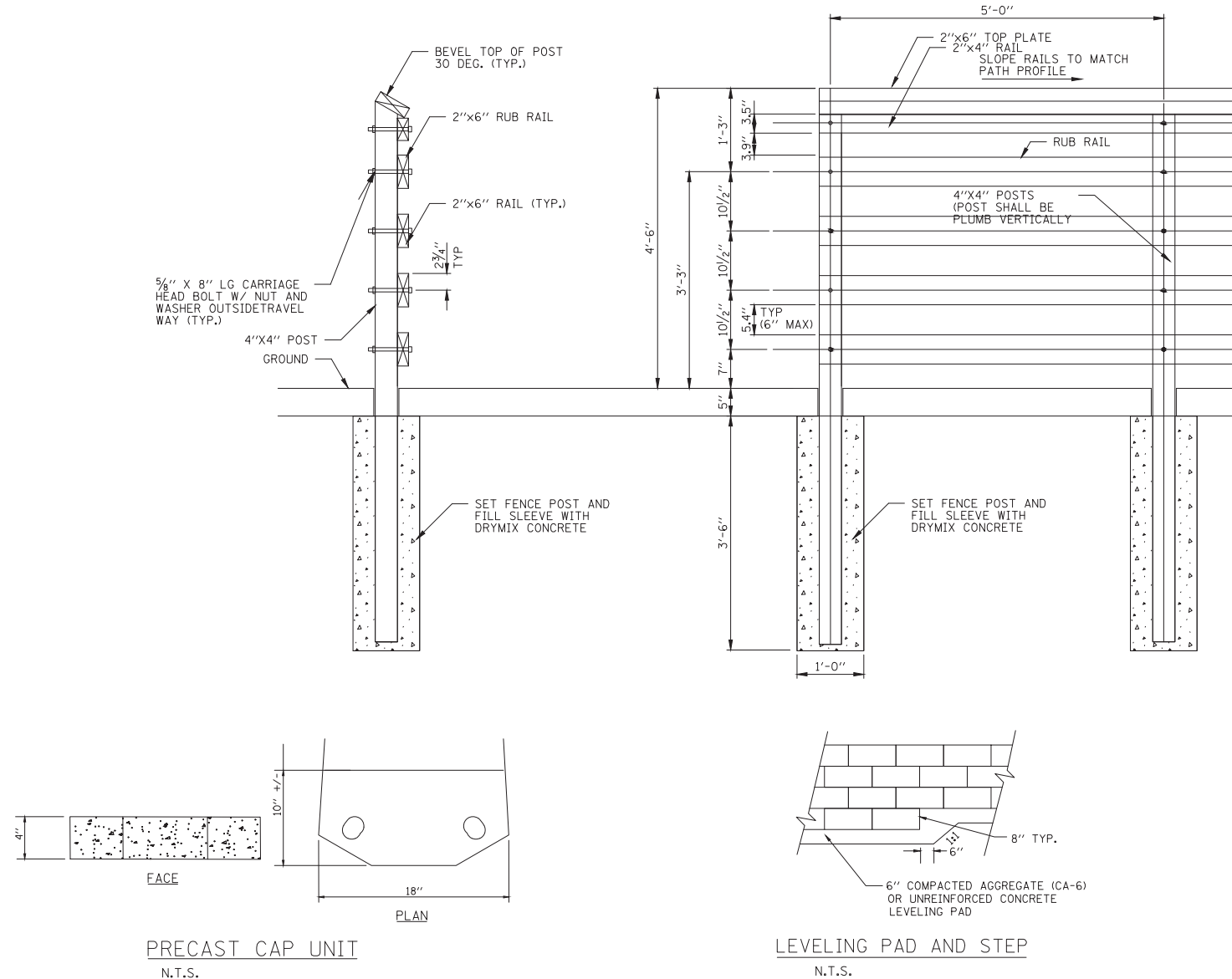
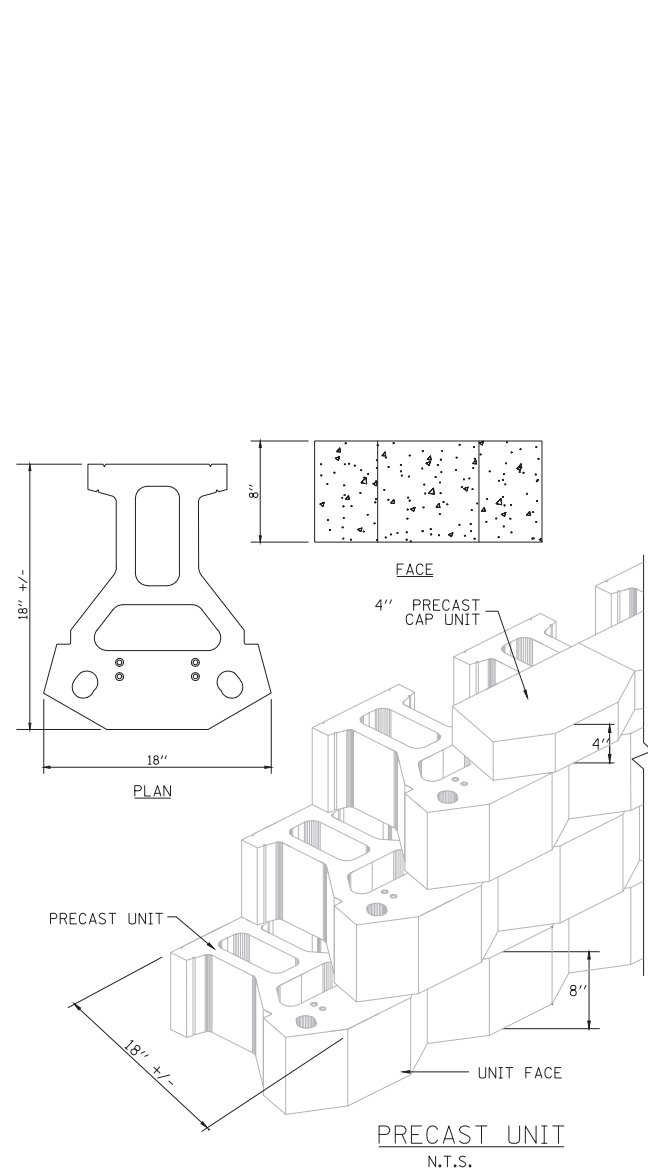
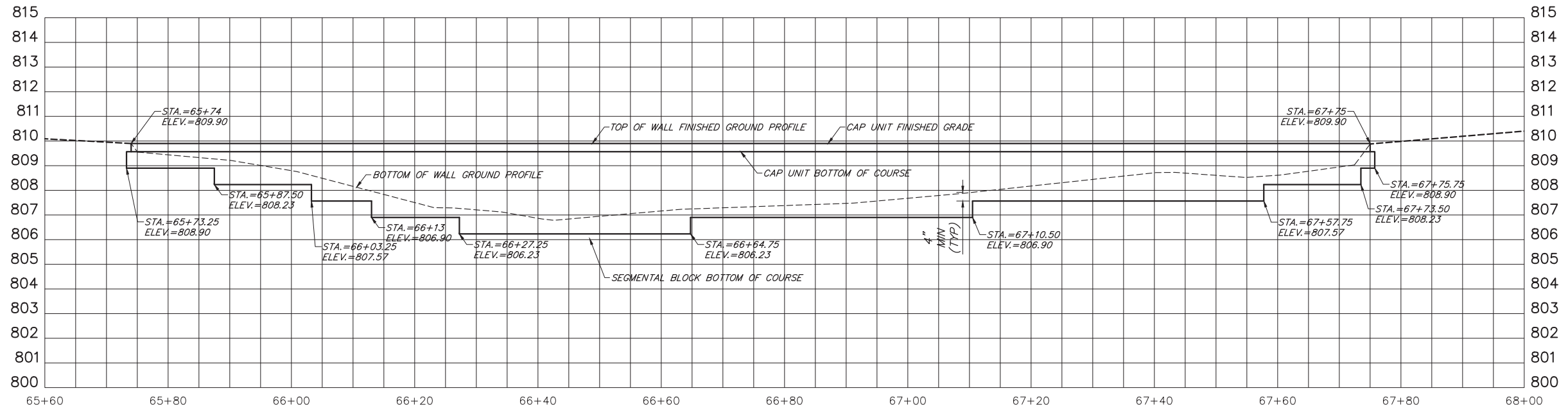
ILLINOIS FED. AID PROJECT

SEGMENTAL CONCRETE BLOCK WALL



FILE NAME = 5867.200-RW.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL DETAIL FISH LAKE ROAD IMPROVEMENTS	FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - MGFC	REVISED -			0163	15-08113-05-CH	LAKE	112	73	
		CHECKED - DPB	REVISED -			CONTRACT # 61K10					
		DATE - 12/18/2023	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED SHEET NO. 1 OF 2 SHEETS		STA. 41+55.00 TO STA. 42+42.75					

SEGMENTAL CONCRETE BLOCK WALL

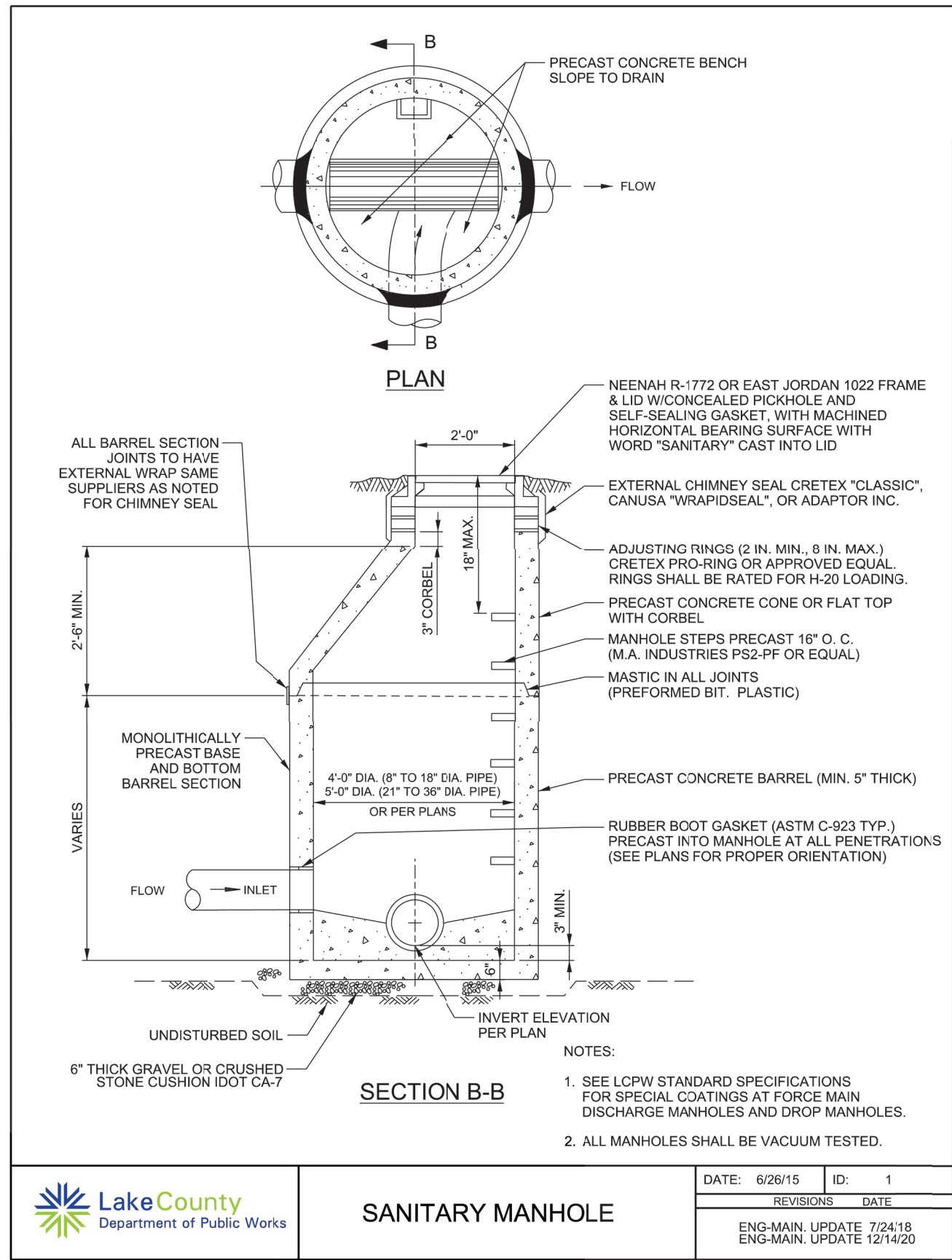


FILE NAME = 5867.200-RW.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -
		DRAWN - MGFC	REVISED -
		CHECKED - DPB	REVISED -
		DATE - 12/18/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

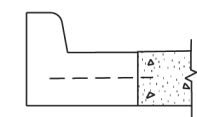
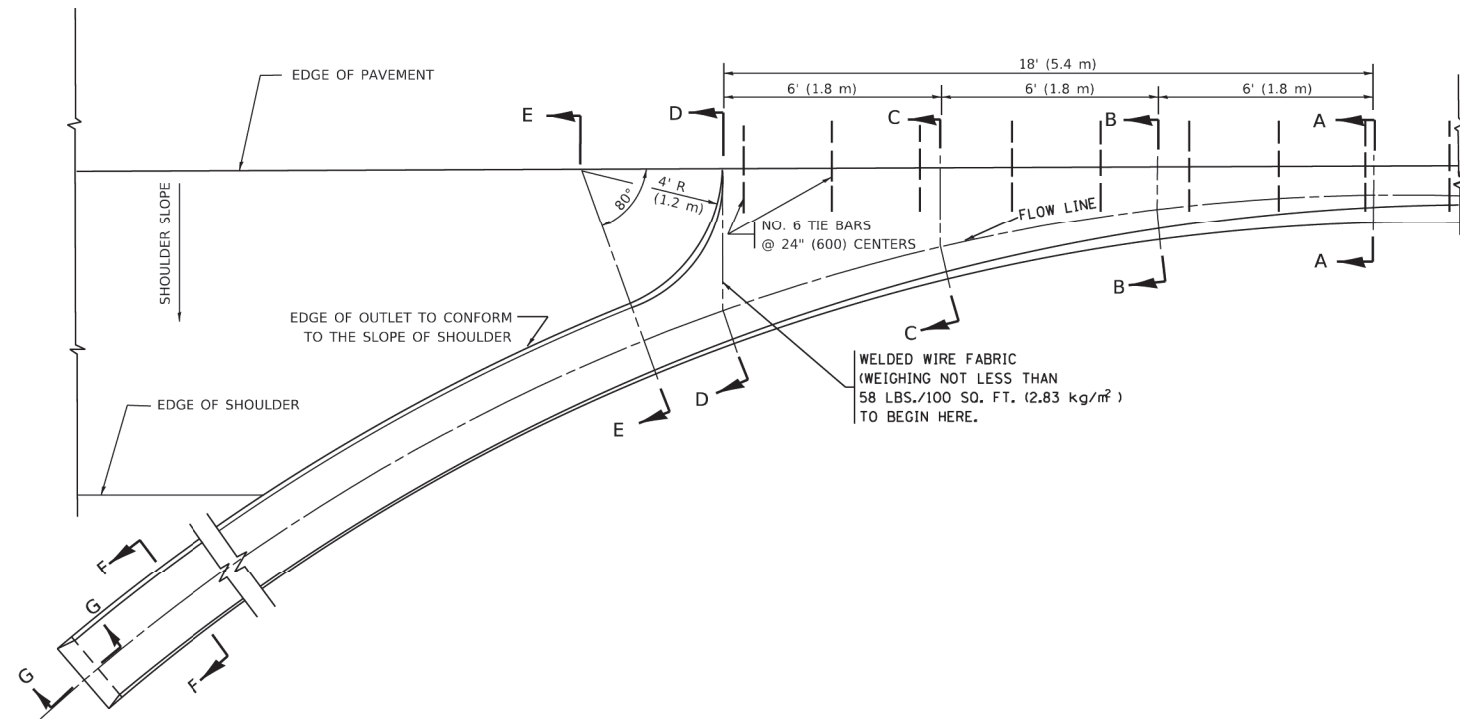
RETAINING WALL DETAIL	
FISH LAKE ROAD IMPROVEMENTS	
SCALE AS NOTED	SHEET NO. 2 OF 2 SHEETS
STA. 65+74.00 TO STA. 67+75.00	

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	74
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				



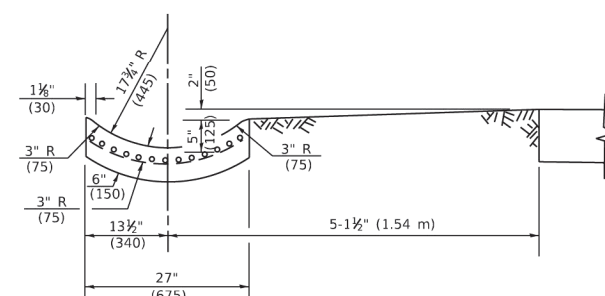
SANITARY MANHOLE

DATE: 6/26/15	ID: 1
REVISIONS DATE	
ENG-MAIN. UPDATE 7/24/18	
ENG-MAIN. UPDATE 12/14/20	

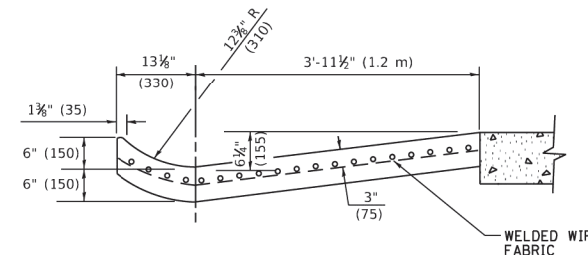


SECTION A-A *

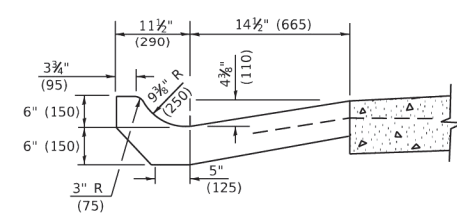
* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



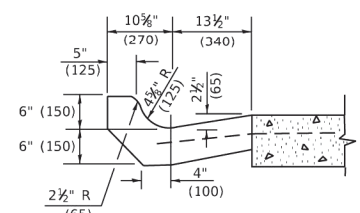
SECTION E-E



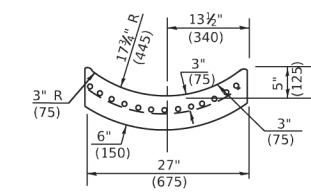
SECTION D-D



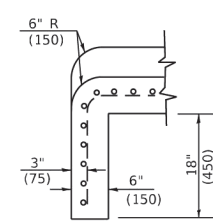
SECTION C-C



SECTION B-B



SECTION F-F



SECTION G-G

GENERAL NOTES

- GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
- TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN.
- IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

METHOD OF MEASUREMENT

FOR SECTION A-A TO E-E AND CURTAIN WALL=
 1.25 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 9" (225) PAV'T.
 1.27 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 10" (250) PAV'T.
 FOR SECTION F-F=
 0.045 CU. YDS. (0.03³m) CLASS SI CONCRETE PER FT. (m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: D:\p1\11182022\11182022.dwg FILE NAME: p1\11182022.dwg PROJECT: 11182022\11182022.dwg SHEET: 112 OF 112

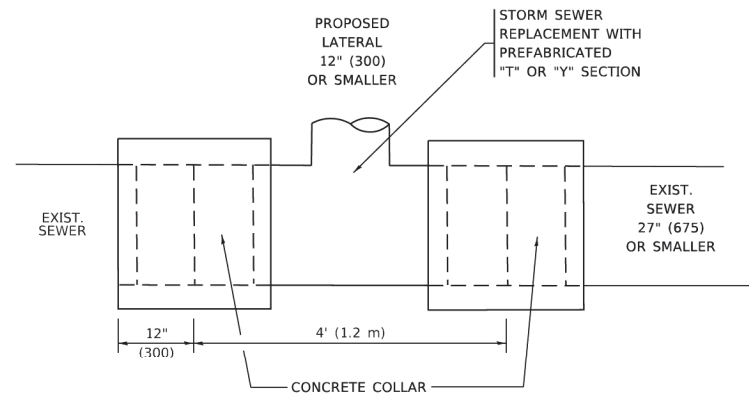
USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
	DRAWN -	REVISED - E. GOMEZ 12-21-00
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 08-27-19
PLOT DATE = 11/18/2022	DATE - 08-04-86	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OUTLET FOR CONCRETE
CURB AND GUTTER**

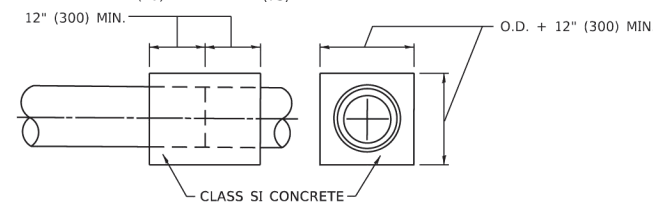
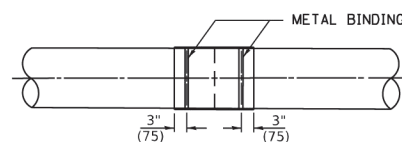
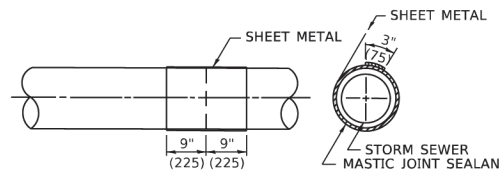
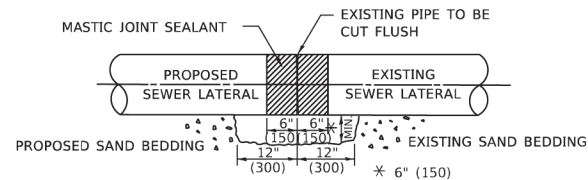
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	76
BD600-01 (BD-03)		CONTRACT NO. 61K10		
ILLINOIS FED. AID PROJECT				



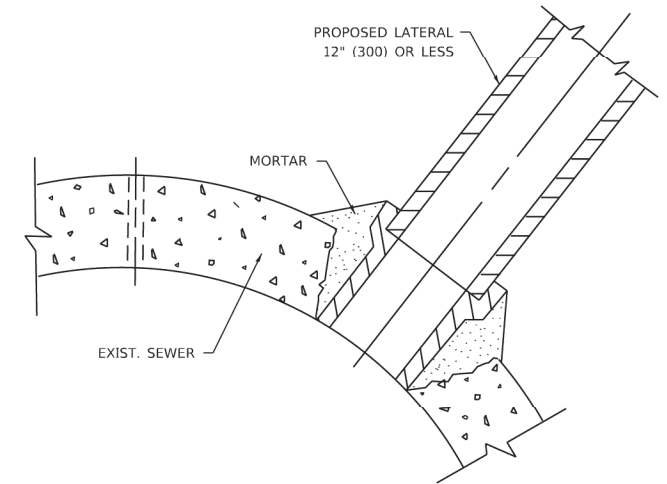
DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

- CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

- TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
- REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
- TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
- CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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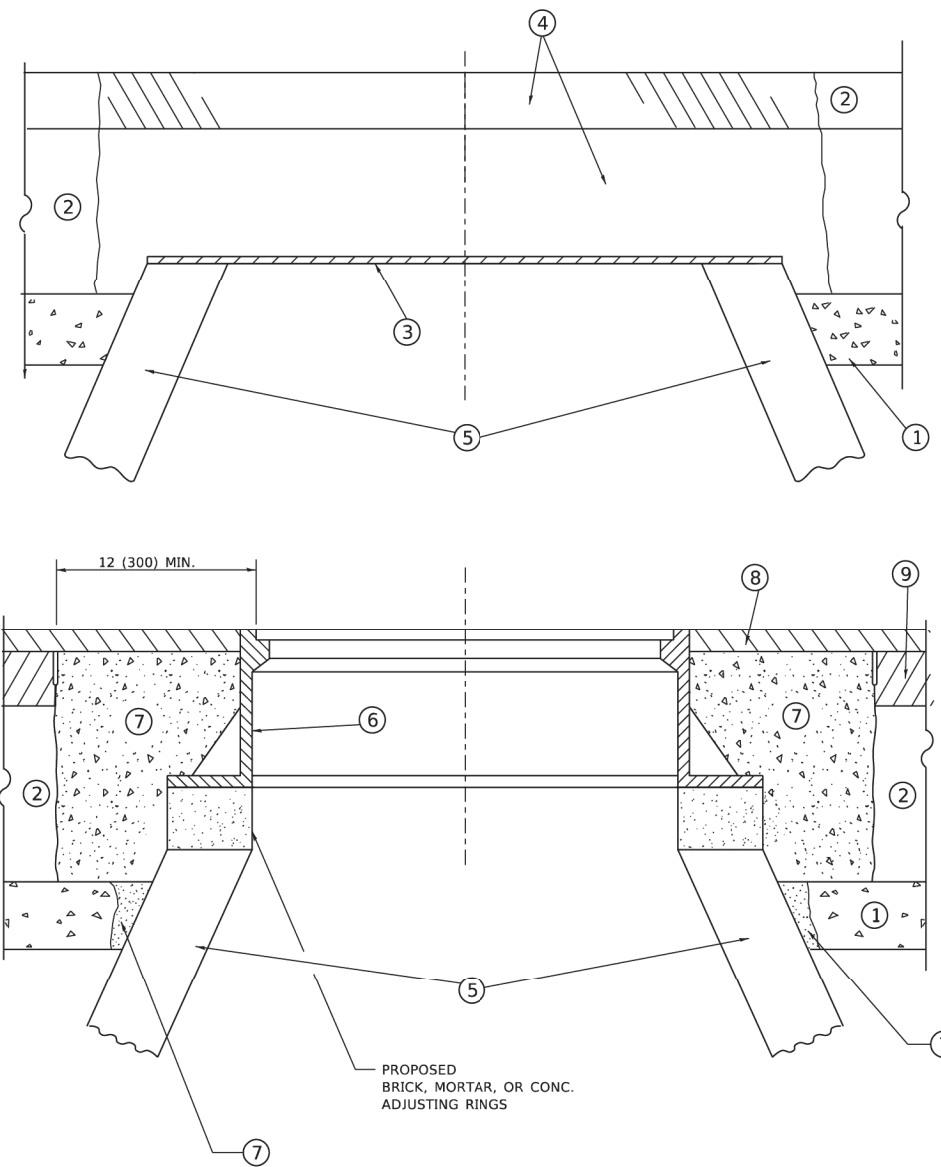
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PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	77
BD500-01 (BD-07)			CONTRACT NO. 61K10	
ILLINOIS FED. AID PROJECT				



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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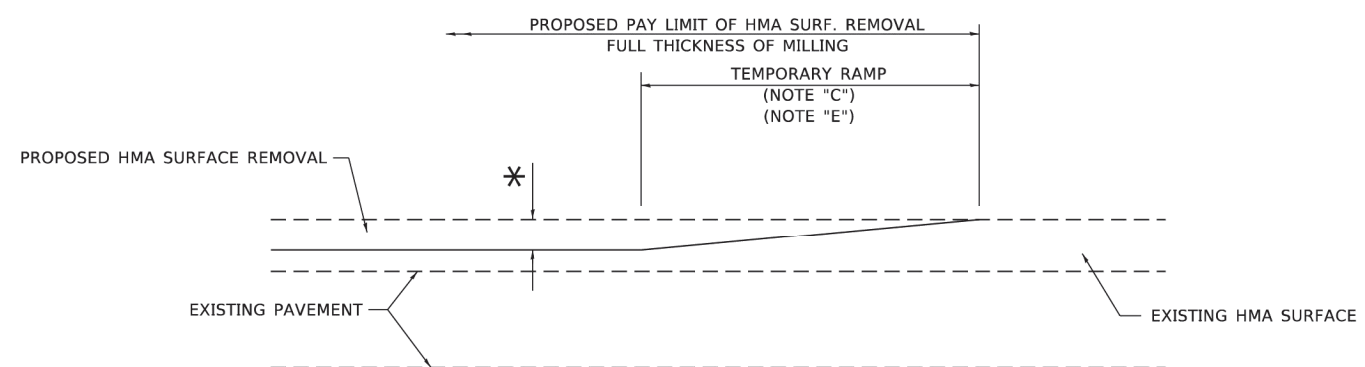
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PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

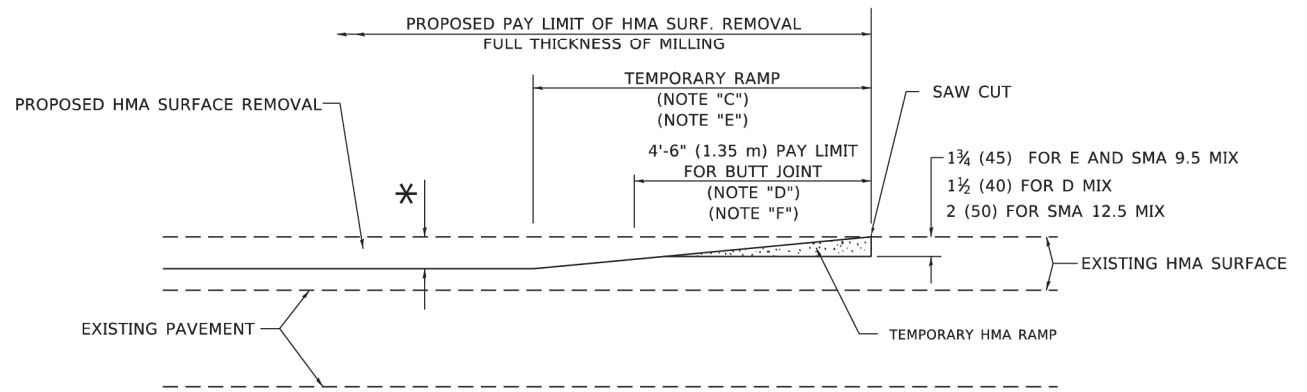
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	78
BD600-03 (BD-08)			CONTRACT NO. 61K10	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

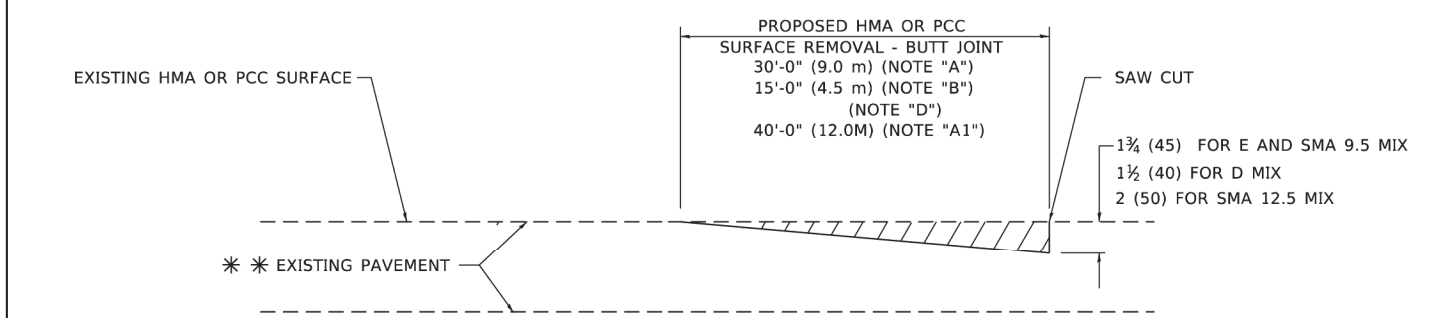
OPTION 1



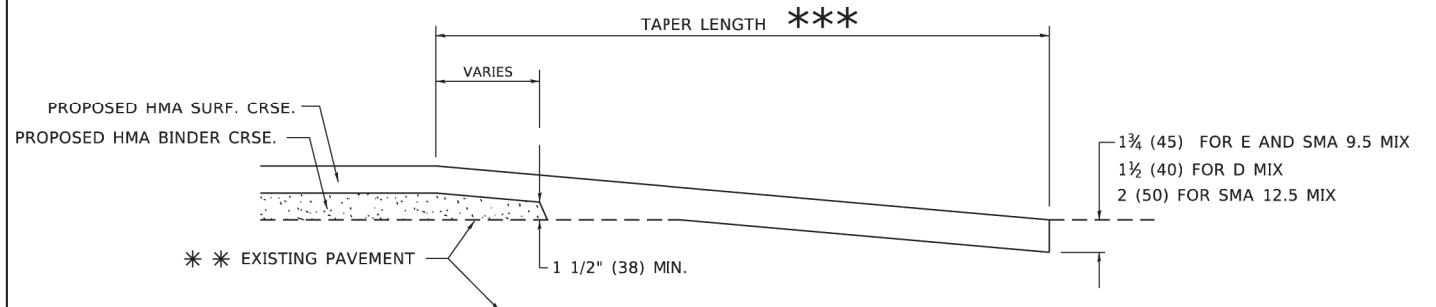
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

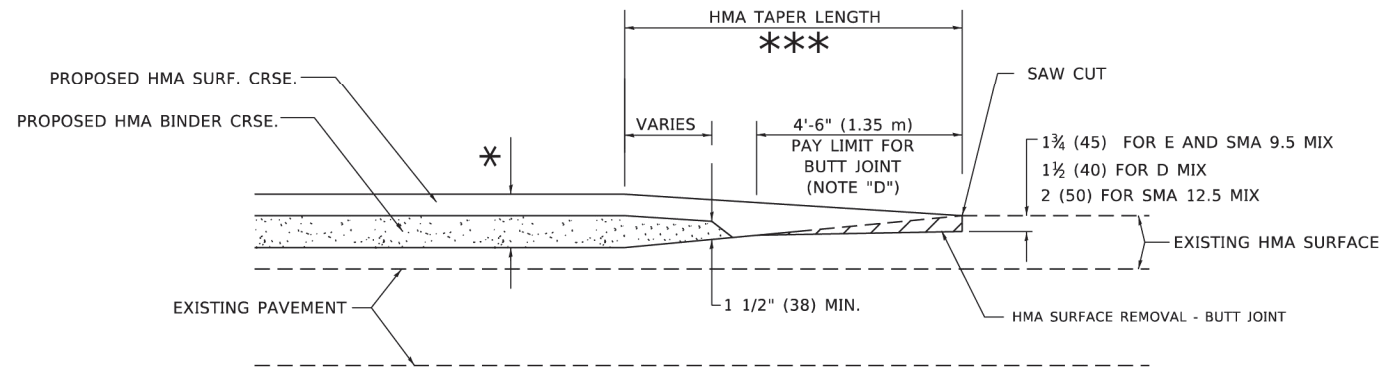
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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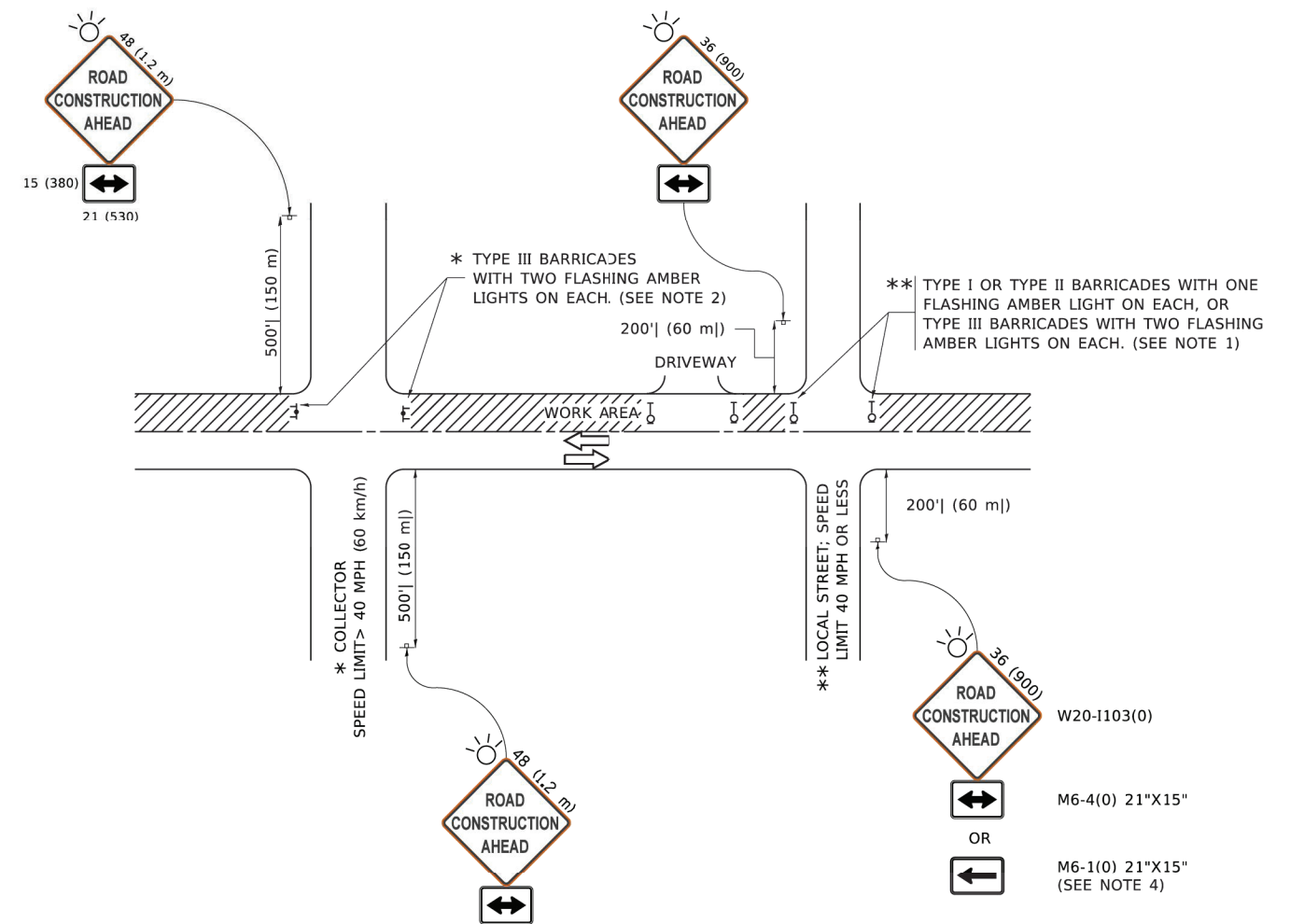
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PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	79
BD400-05 BD-32		CONTRACT NO. 61K10		
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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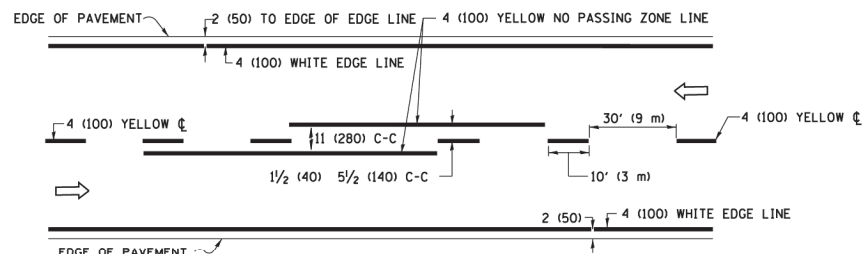
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

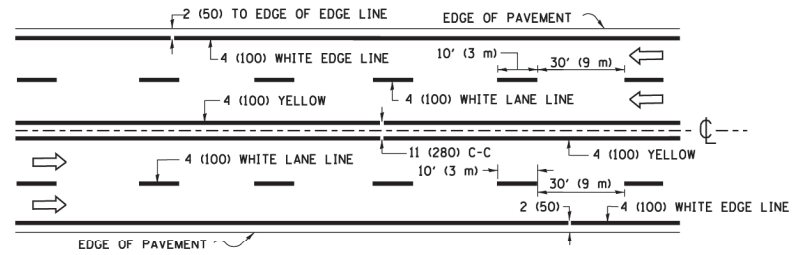
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

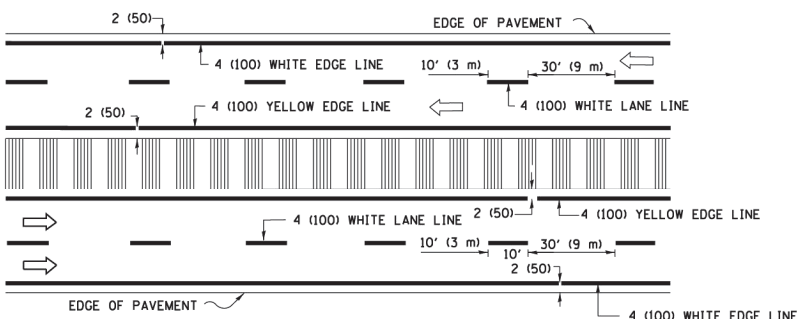
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TC-10			CONTRACT NO. 61K10	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

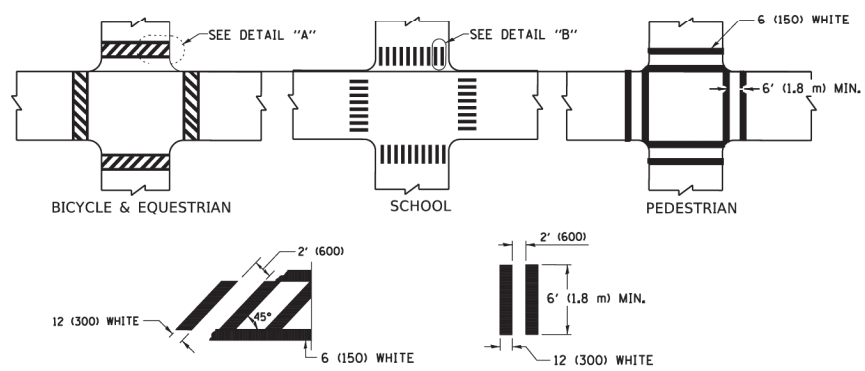


MULTI-LANE UNDIVIDED



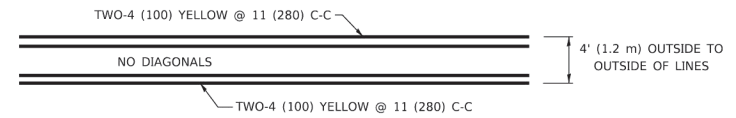
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

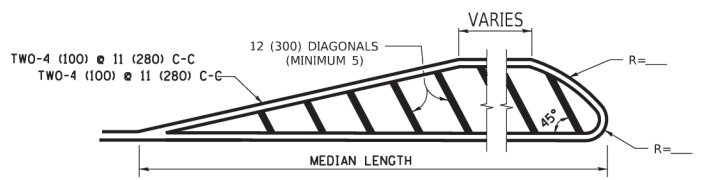


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

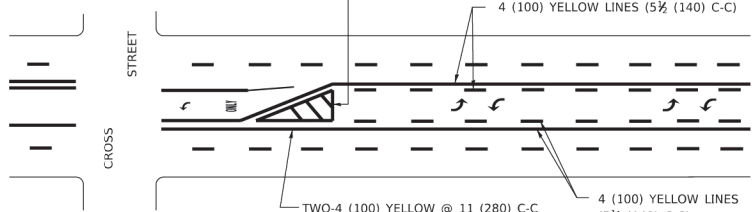


4' (1.2 m) WIDE MEDIANS ONLY



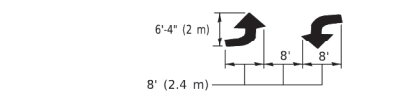
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

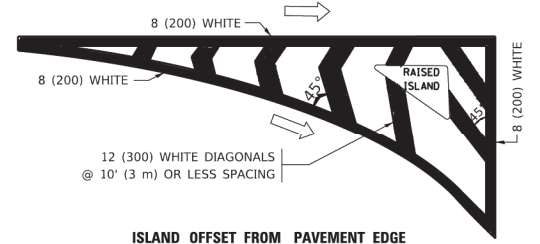


TYPICAL LEFT (OR RIGHT) TURN LANE

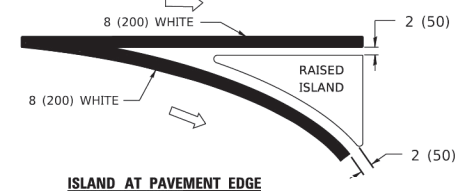
TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

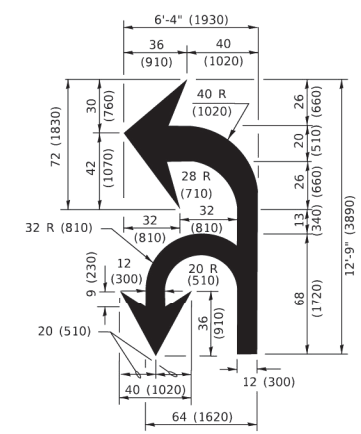


ISLAND OFFSET FROM PAVEMENT EDGE

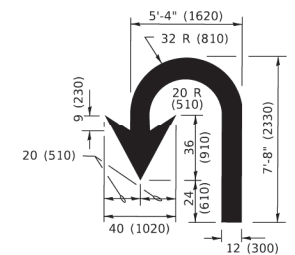


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' (4.5 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

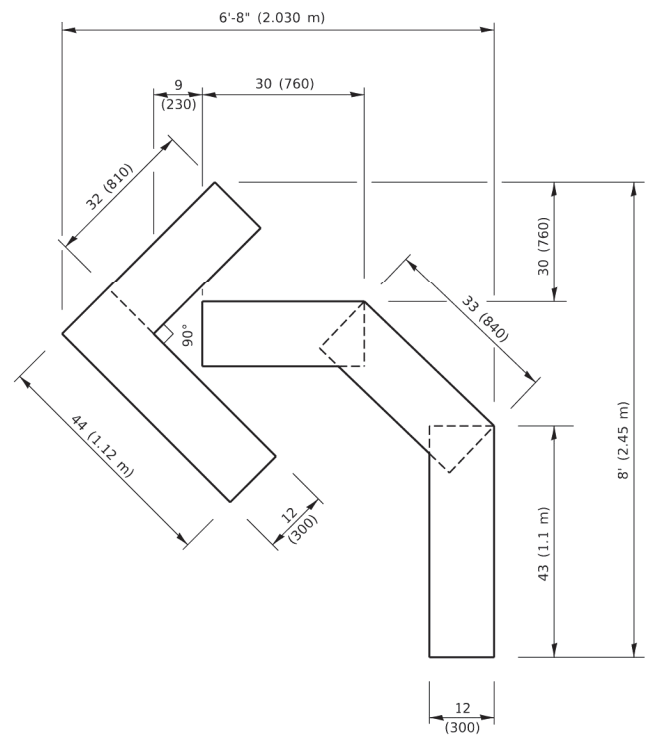
All dimensions are in inches (millimeters) unless otherwise shown.

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USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

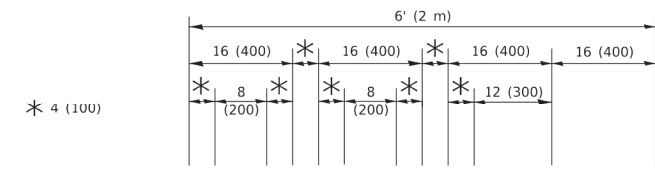
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		0163	15-08113-05-CH	LAKE	112	81
SCALE: NONE		SHEET 1 OF 2 SHEETS		STA. TO STA.	CONTRACT NO. 61K10	
		ILLINOIS		FED. AID PROJECT		



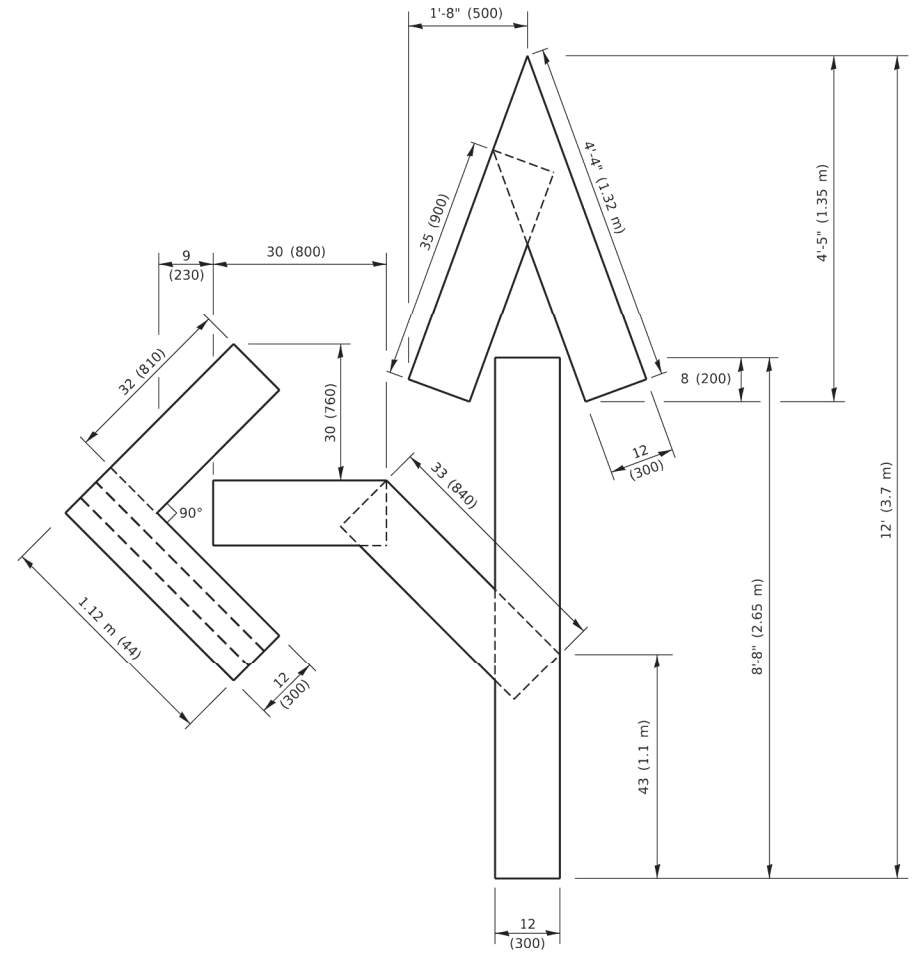
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

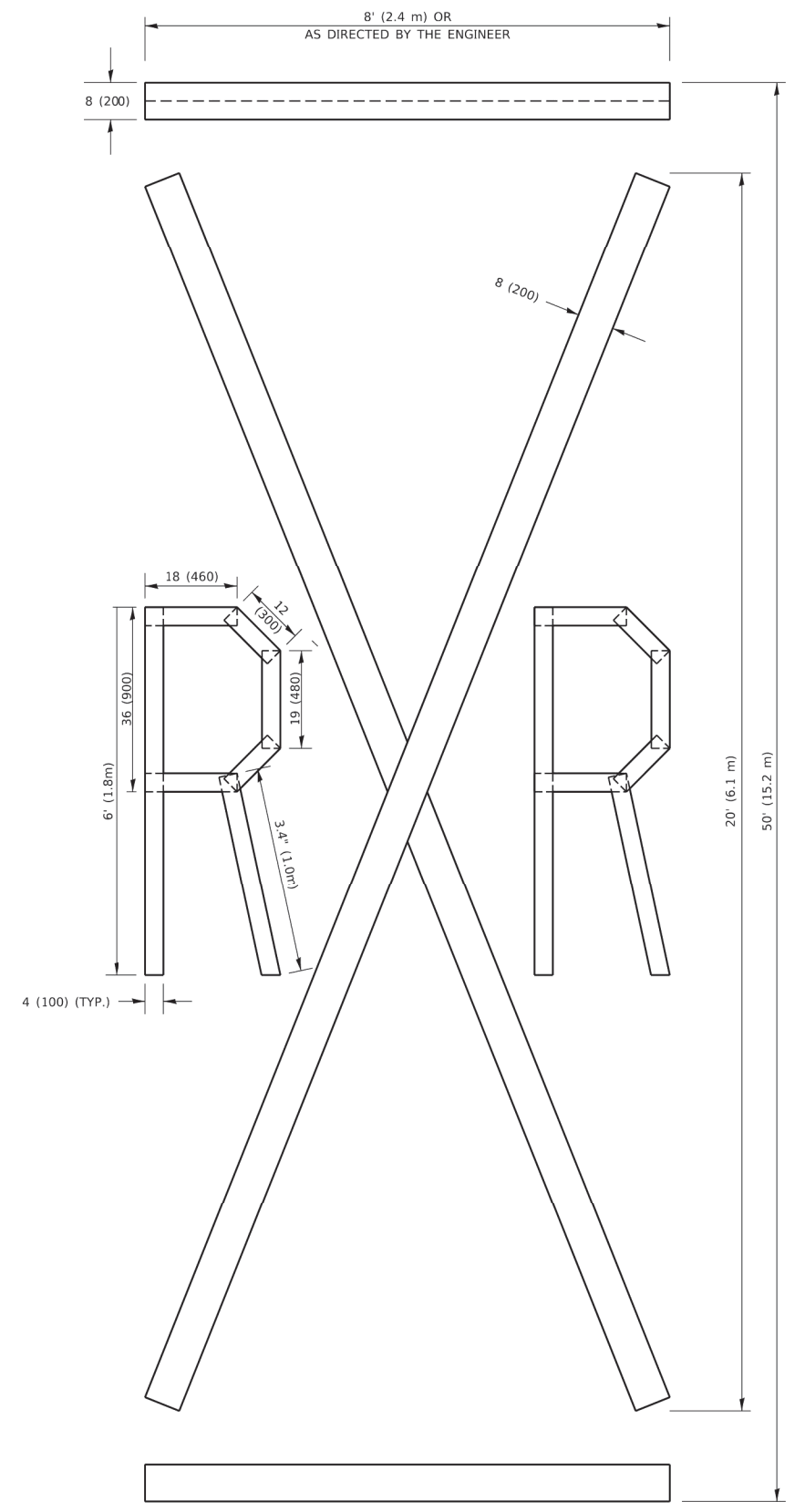


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

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USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 50.0068 ' / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	82
TC-16		CONTRACT NO. 61K10		
ILLINOIS FED. AID PROJECT				

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ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

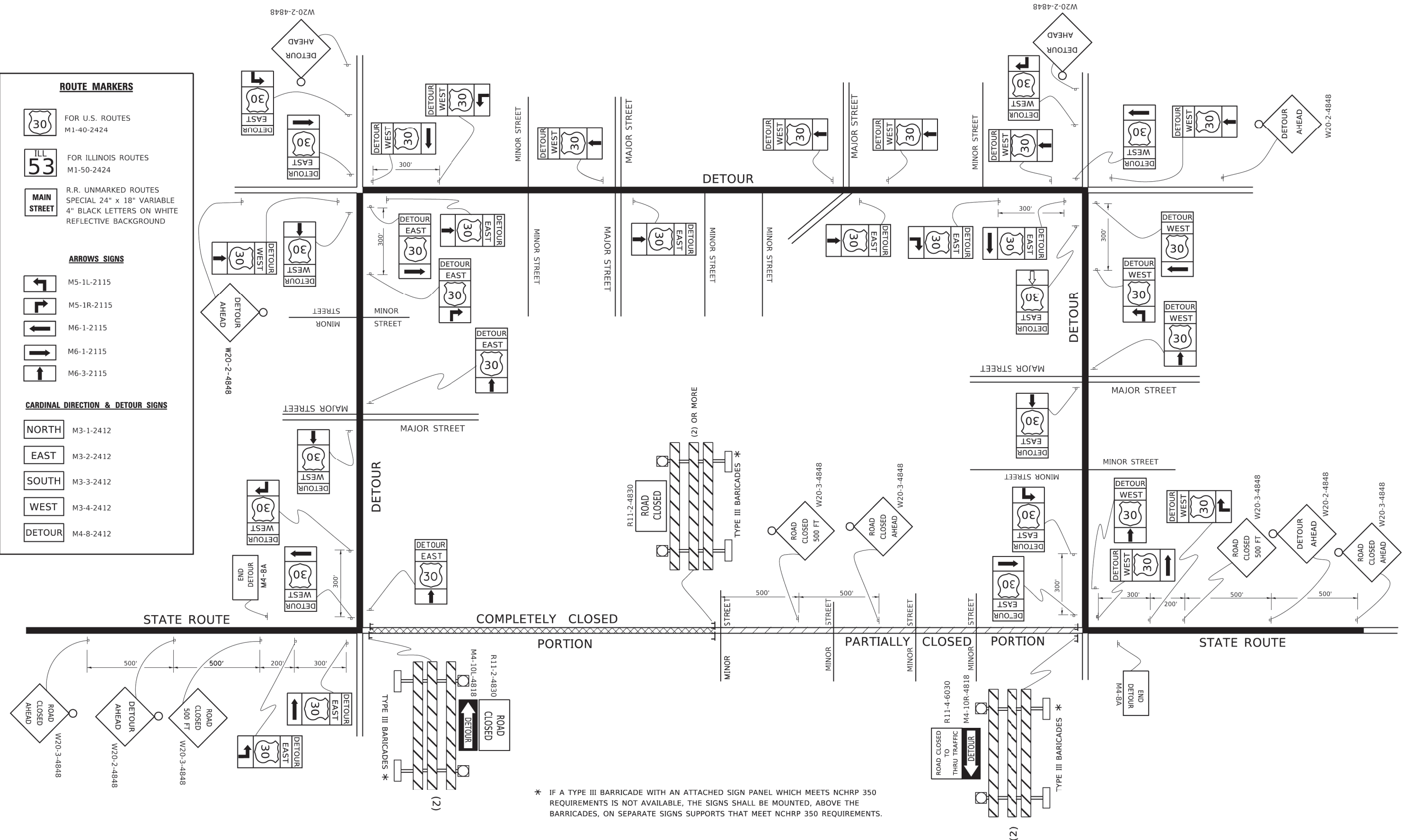
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



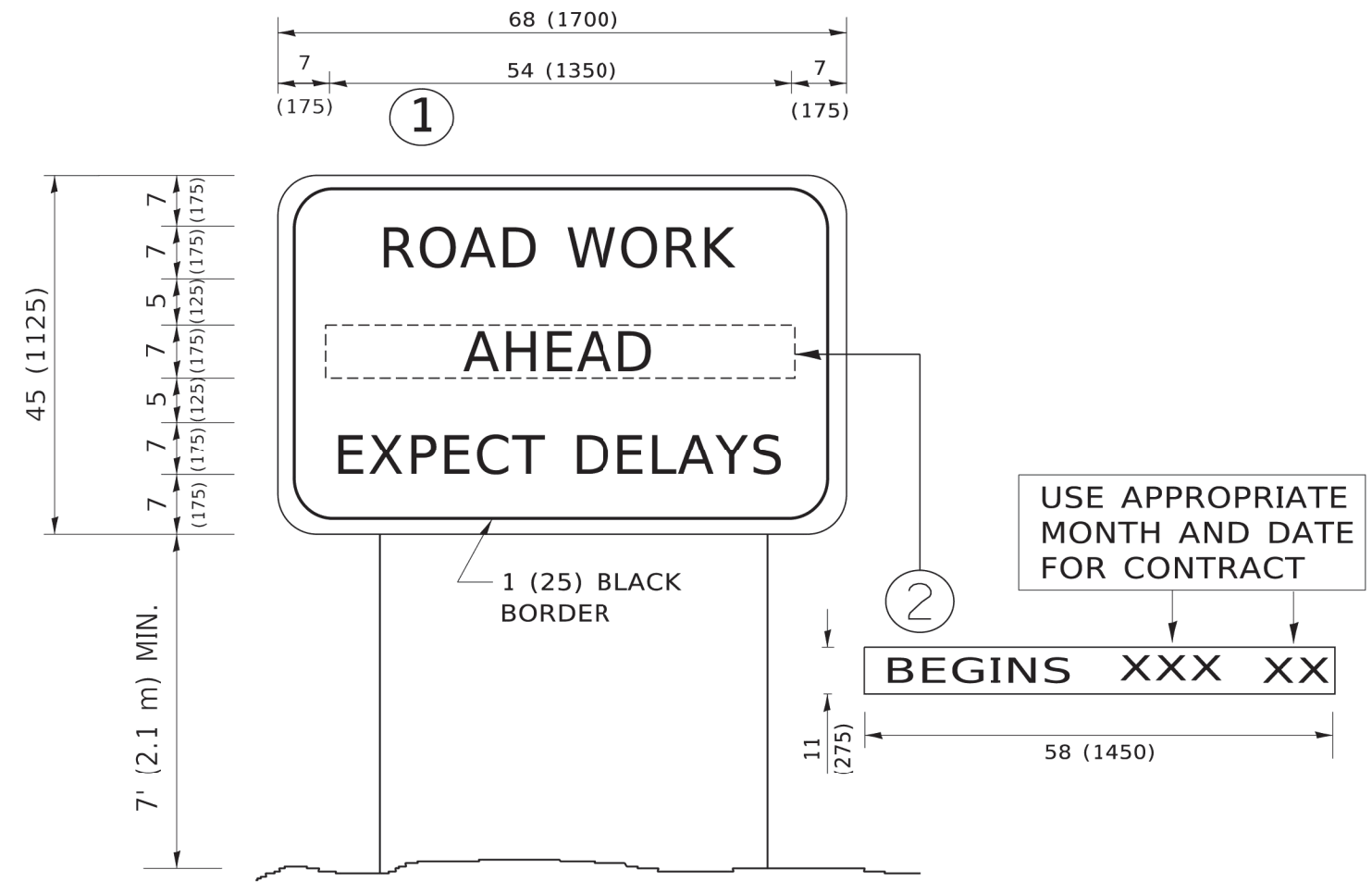
* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

USER NAME = footemj	DESIGNED -	REVISED - 10-18-02
	DRAWN -	REVISED - R. BORO 09-14-09
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	83
TC-21			CONTRACT NO. 61K10	
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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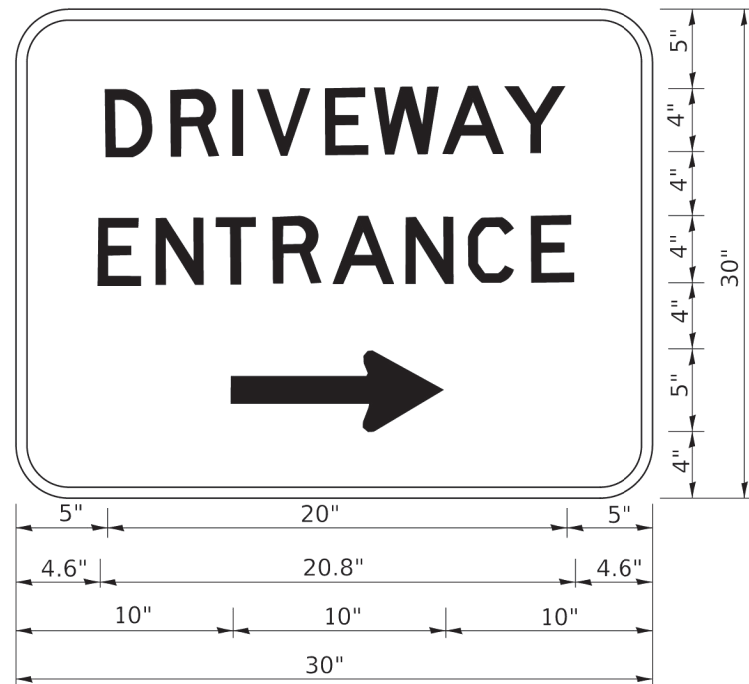
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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	04
TC-22			CONTRACT NO. 61K10	
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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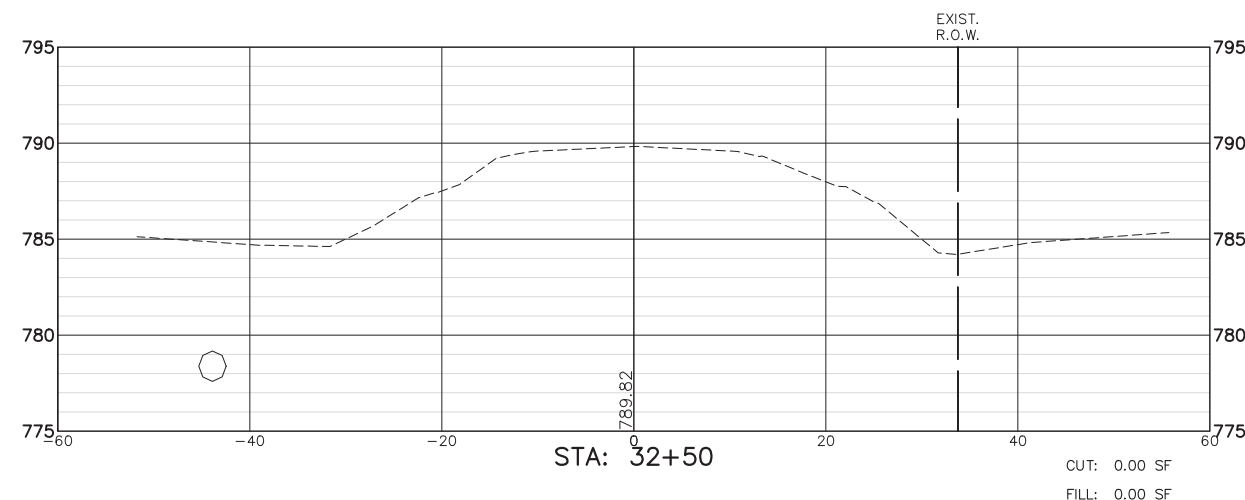
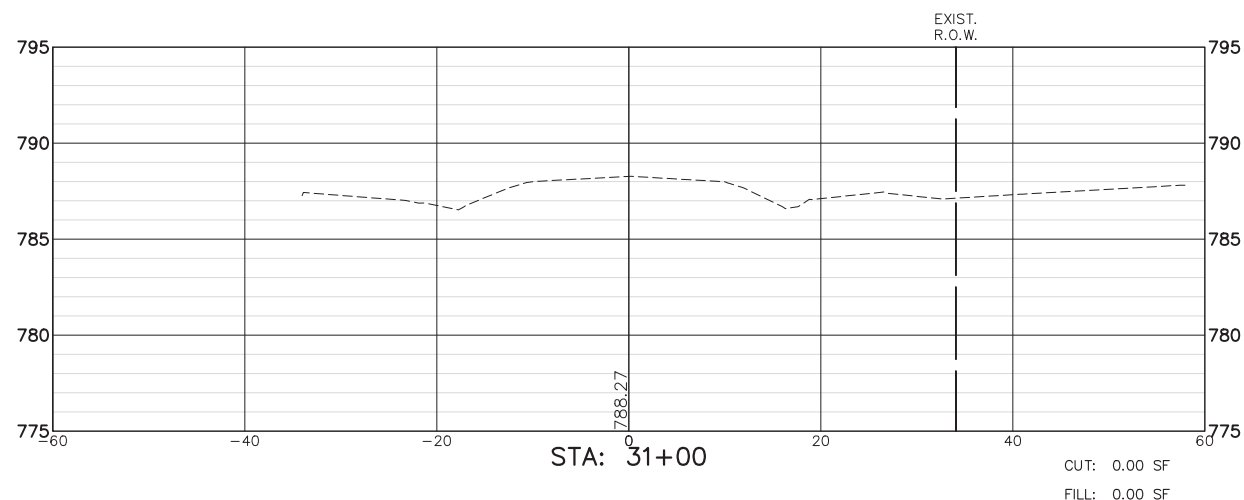
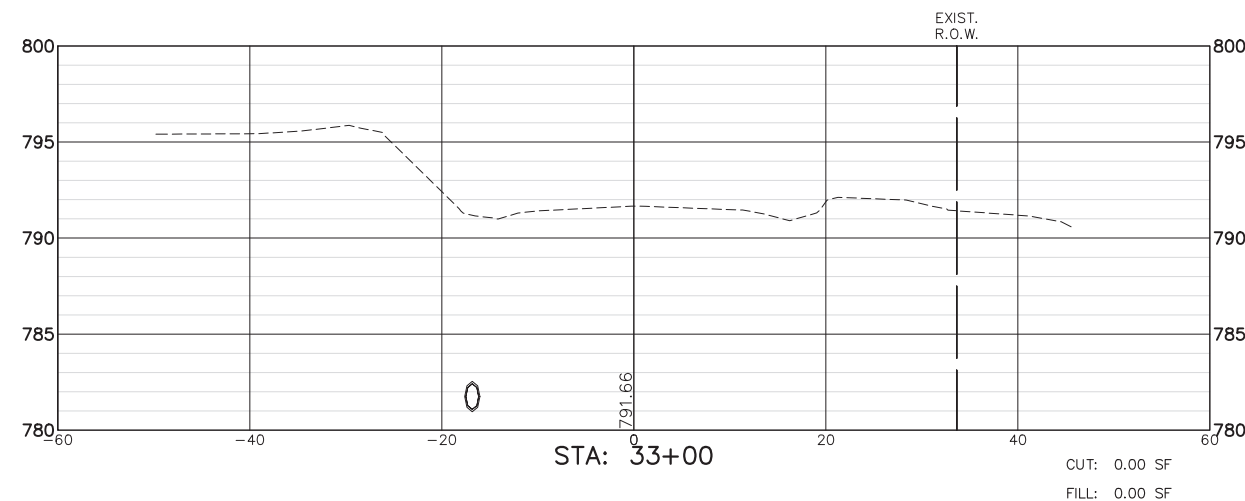
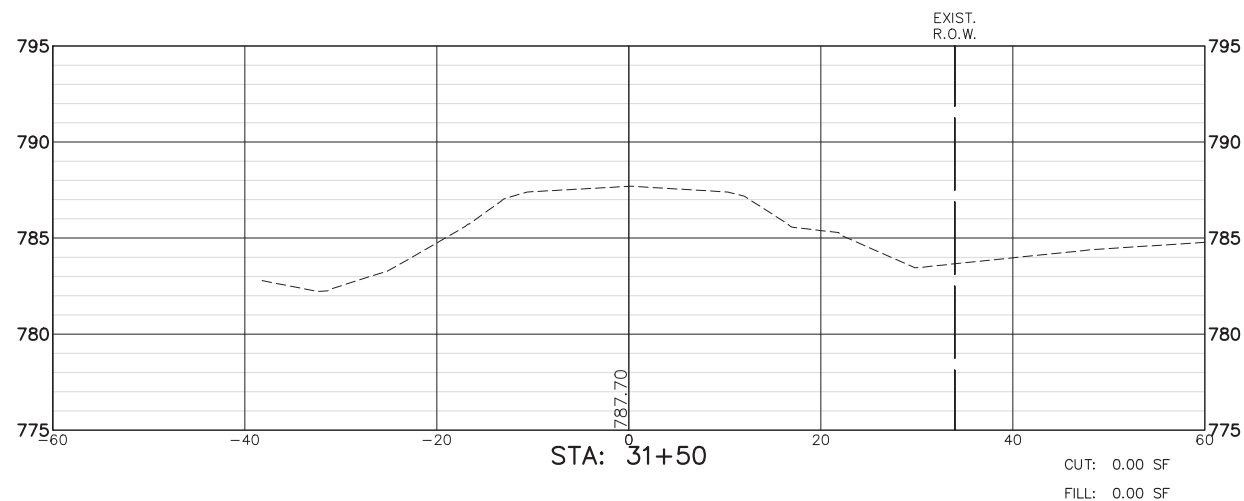
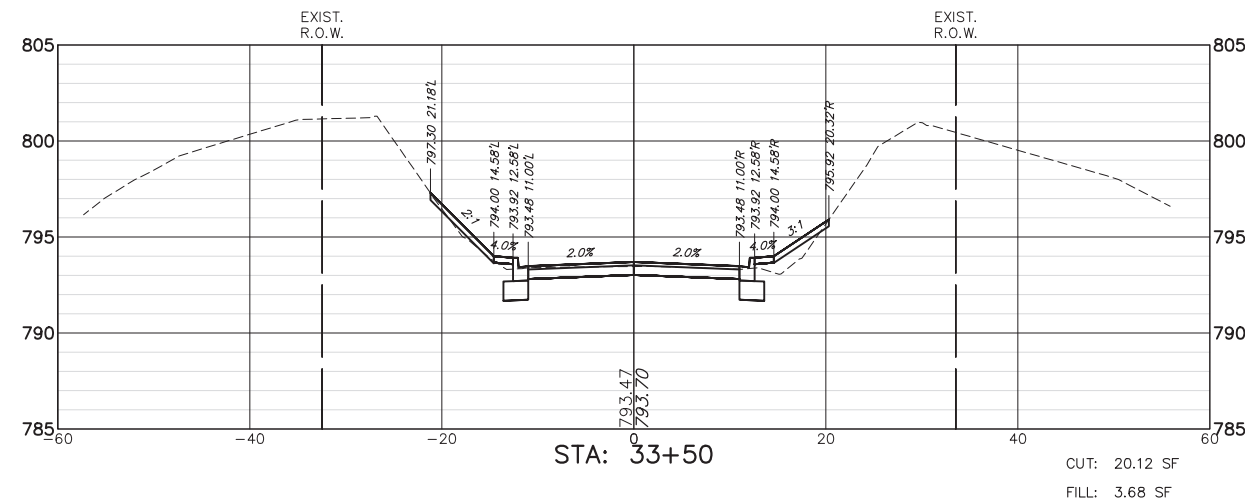
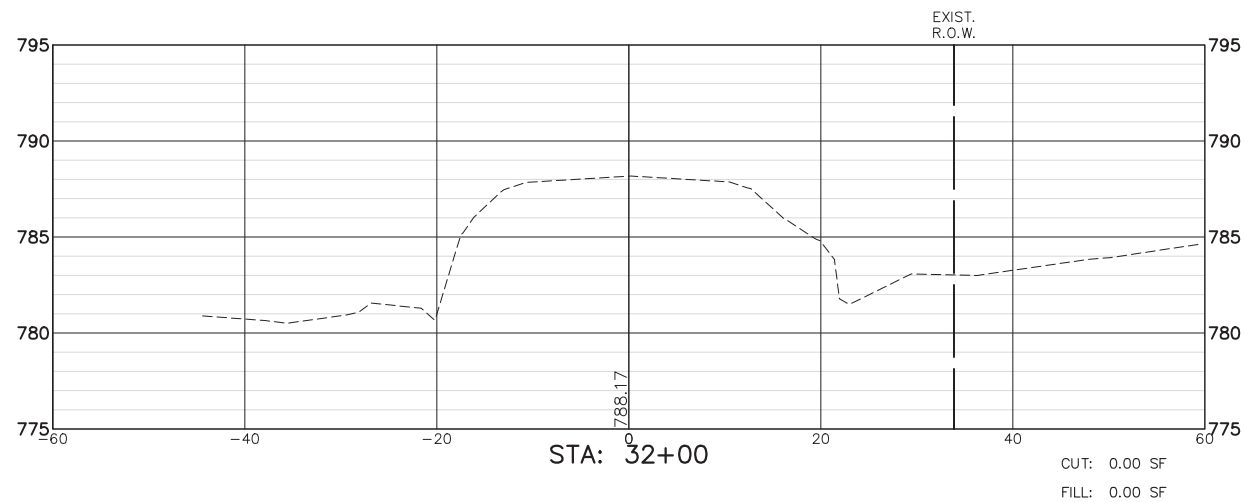
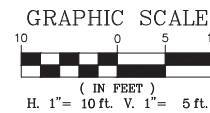
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	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	85
TC-26			CONTRACT NO. 61K10	
ILLINOIS FED. AID PROJECT				



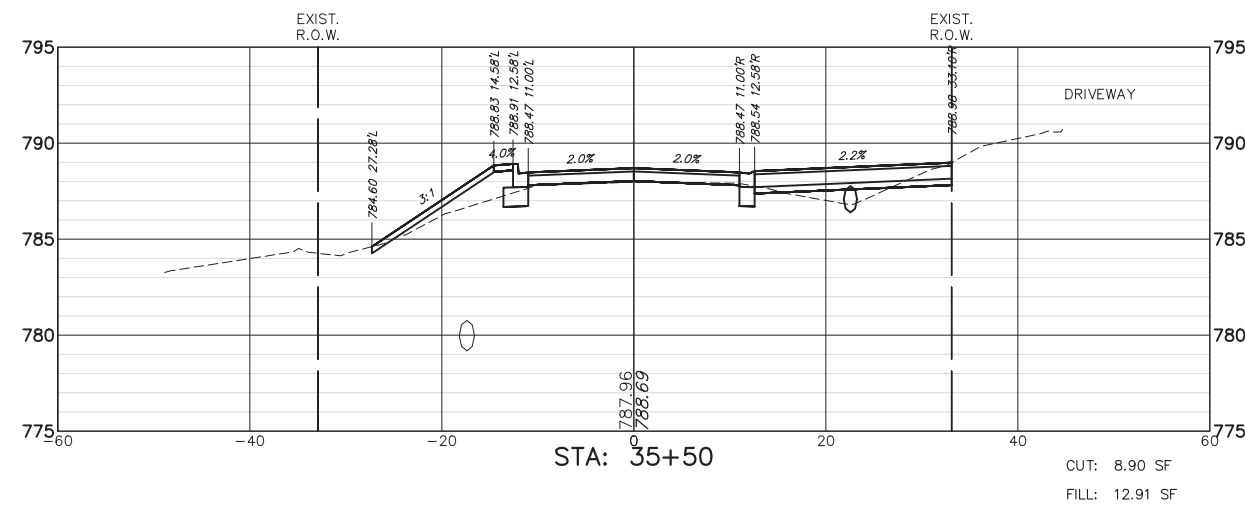
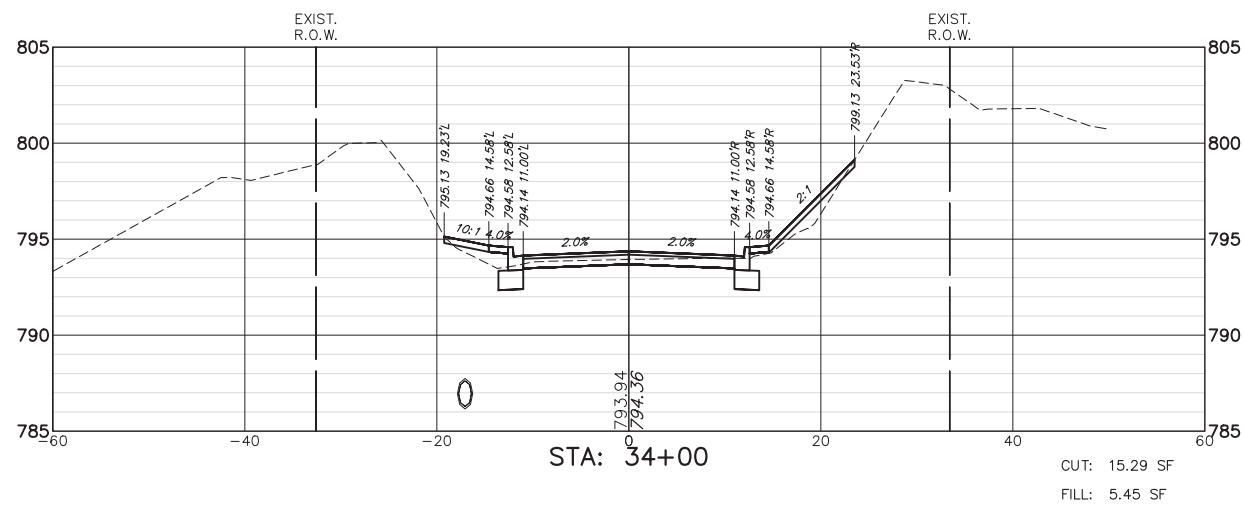
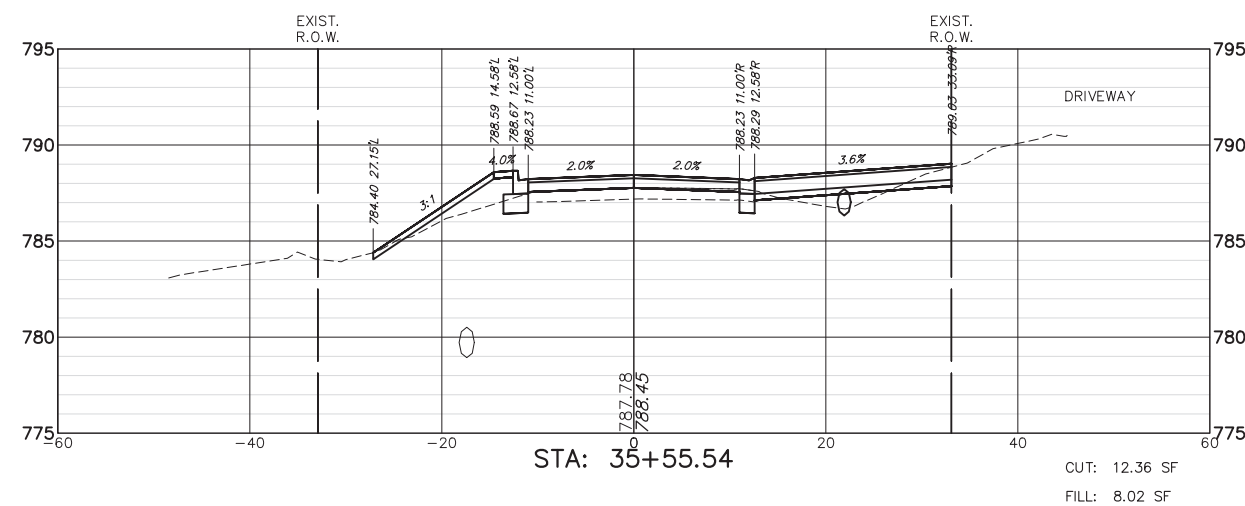
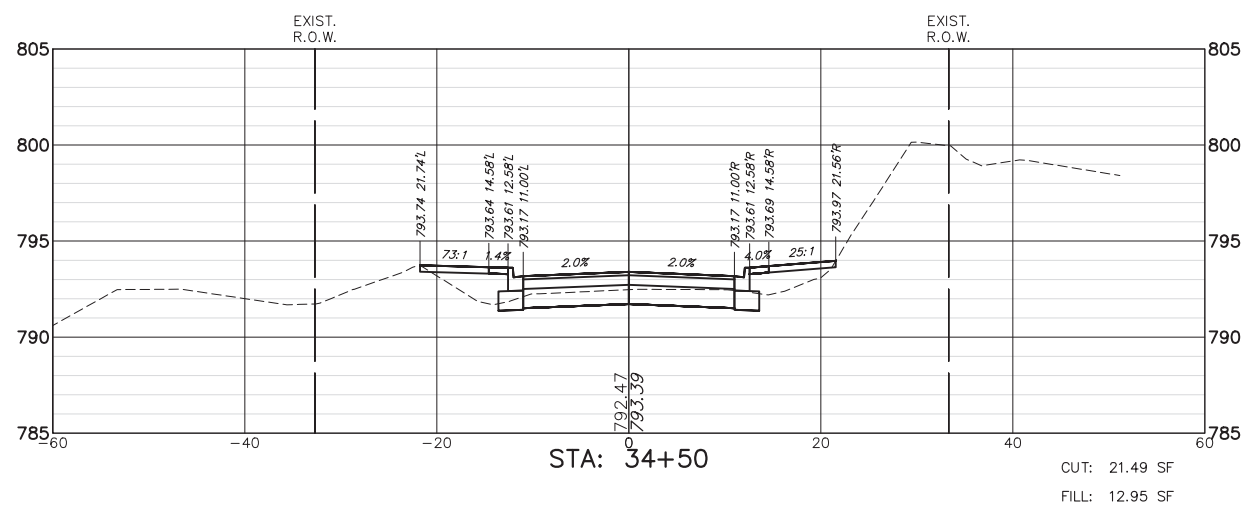
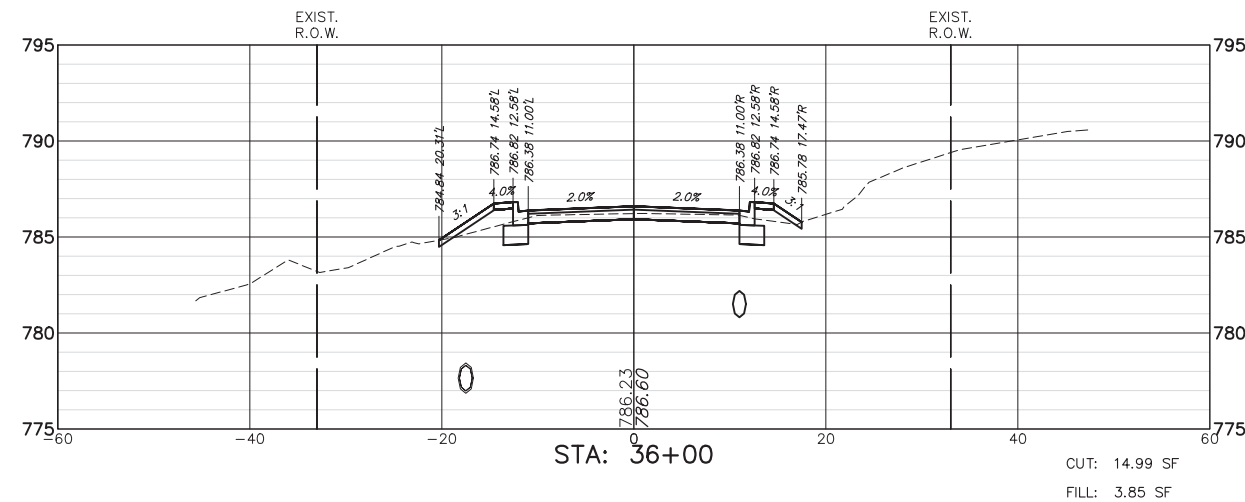
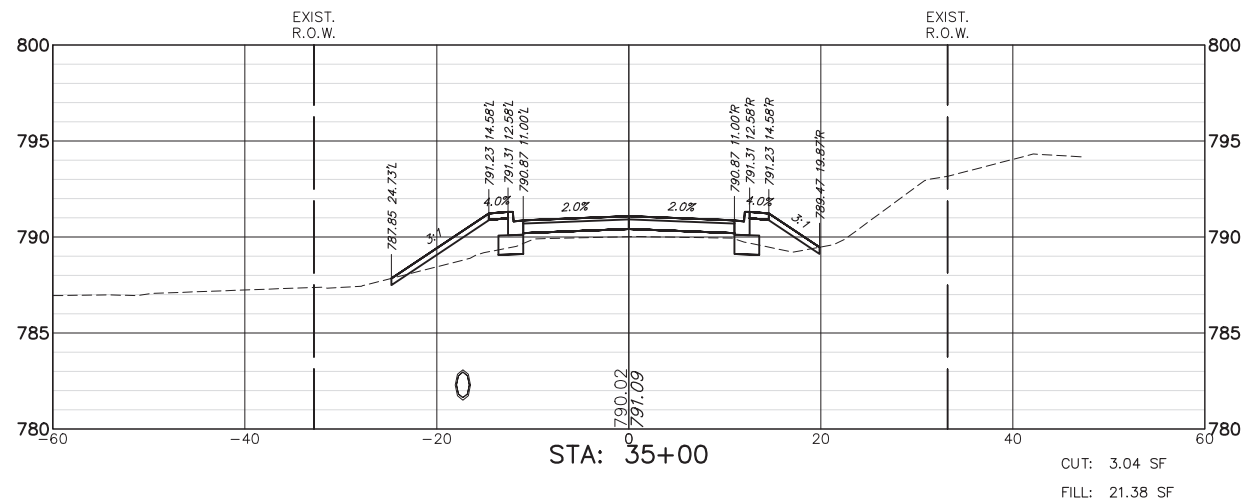
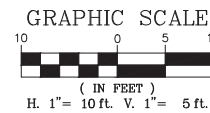
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		DRAWN - MGFC	REVISED -
	PLOT SCALE = 1" = .0833'	CHECKED - DPB	REVISED -
	PLOT DATE = 12/15/2023 5:51 PM	DATE - 12/18/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS**

SCALE AS NOTED | SHEET NO. 1 OF 27 SHEETS | STA. 31+00.00 TO STA. 33+50.00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	86
CONTRACT #:			61K10	
ILLINOIS FED. AID PROJECT				



FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 12/15/2023 5:51 PM

DATE - 12/18/2023

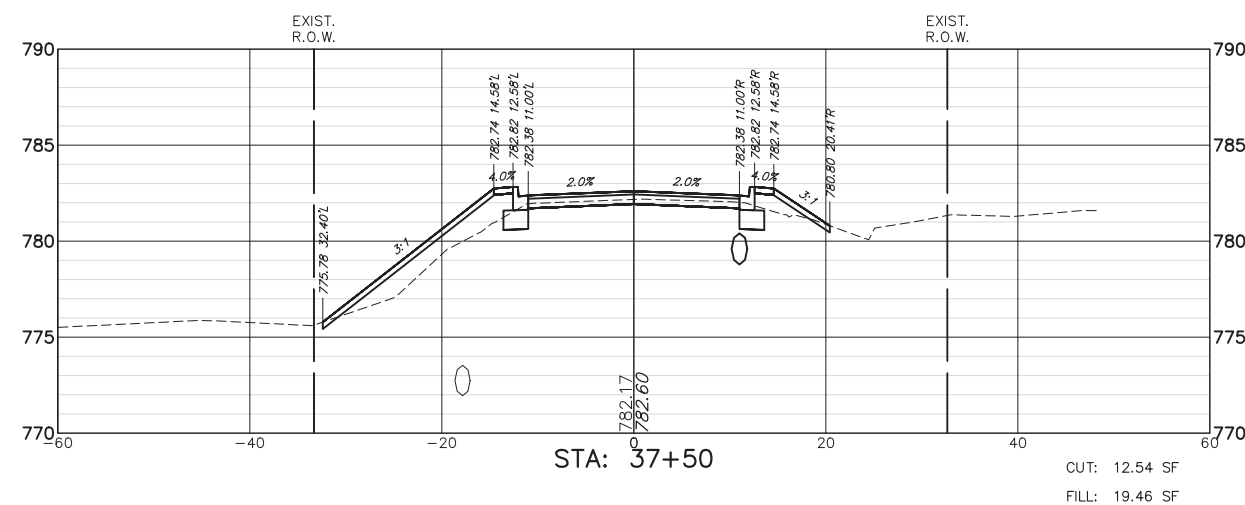
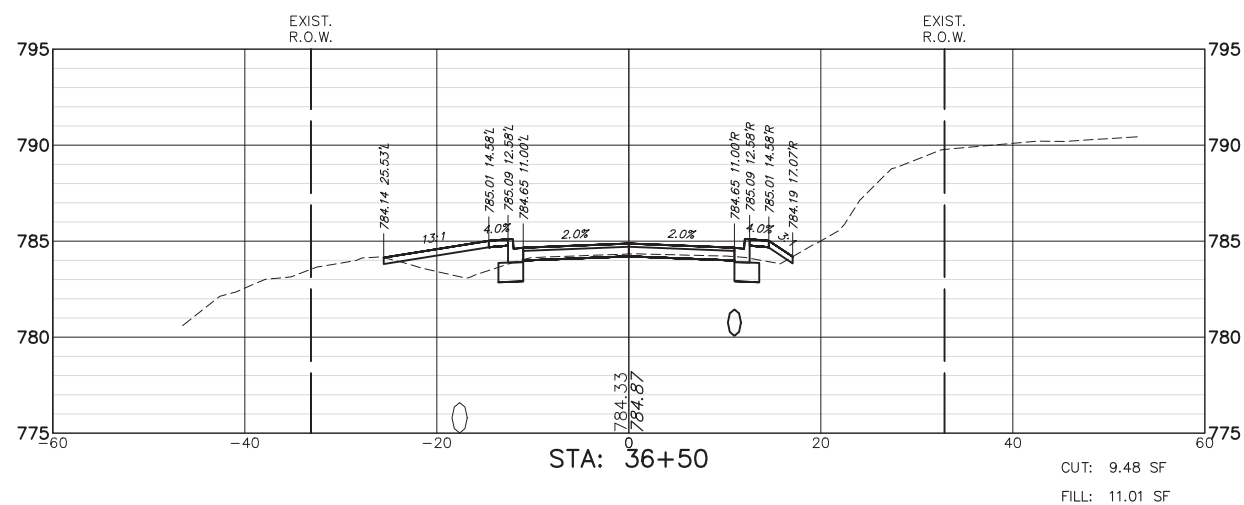
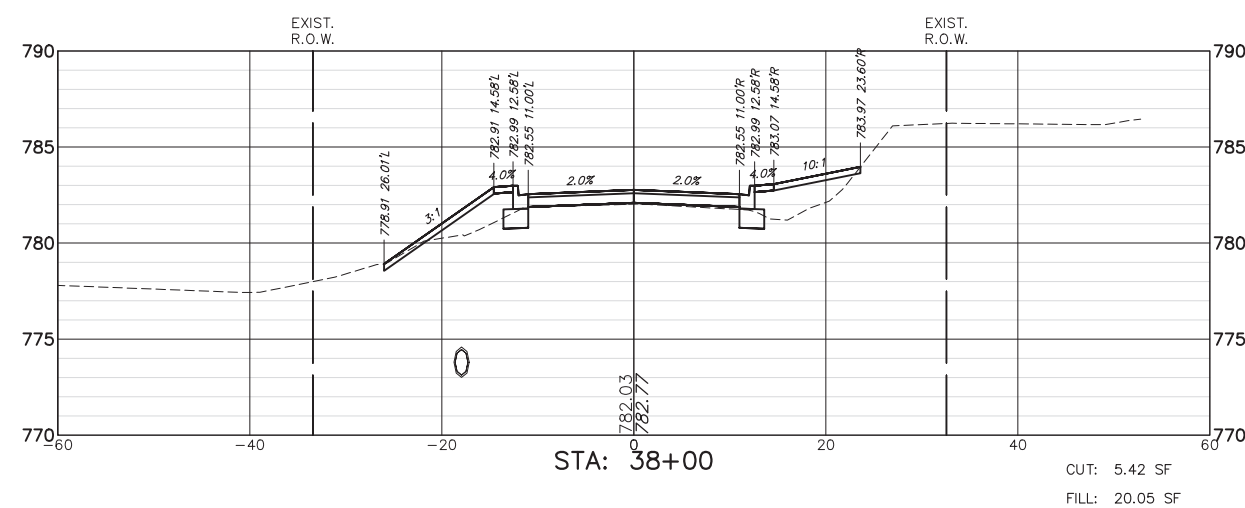
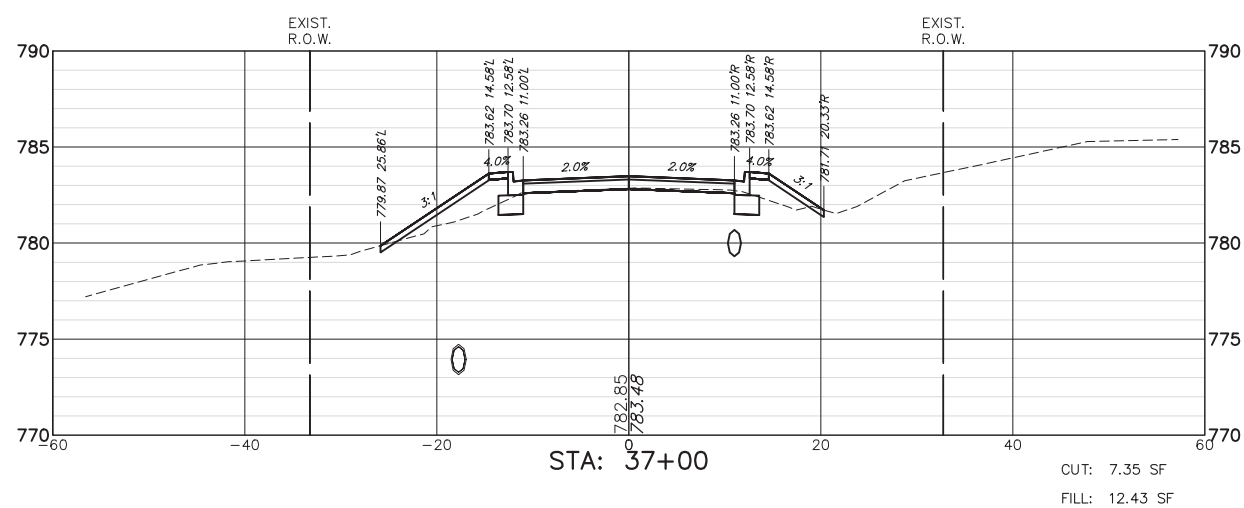
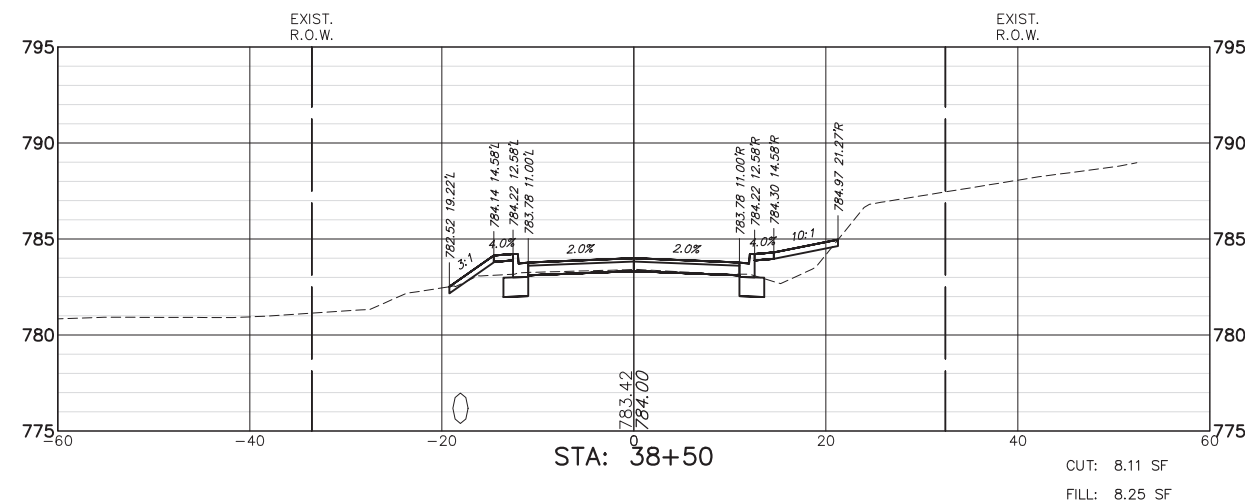
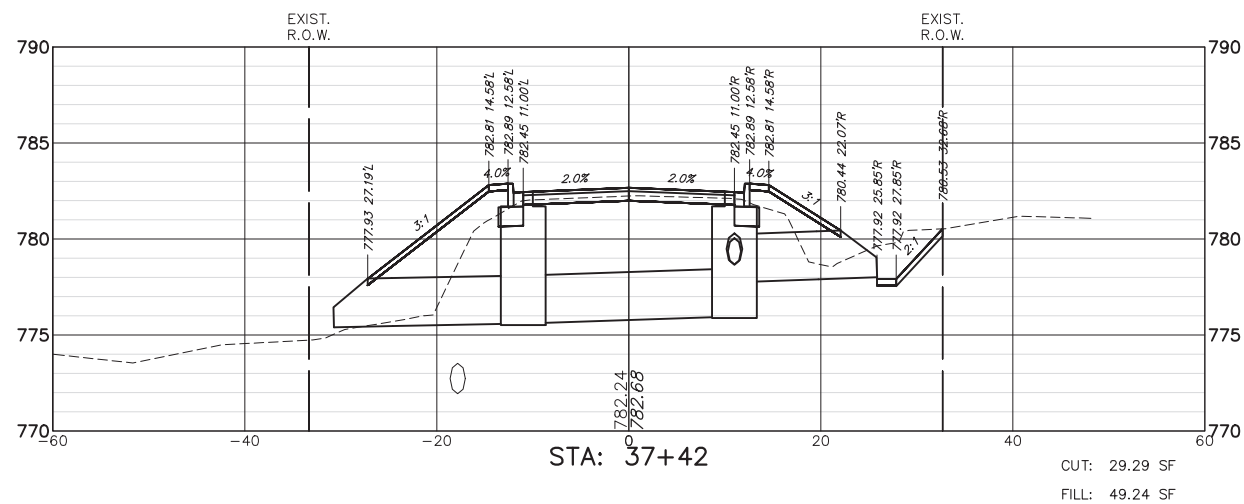
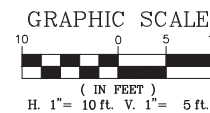
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS**

SCALE AS NOTED SHEET NO. 2 OF 27 SHEETS STA. 34+00.00 TO STA. 36+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	87
CONTRACT #:				61K10
ILLINOIS FED. AID PROJECT				



FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC
DRAWN - MGFC
CHECKED - DPB
DATE - 12/18/2023

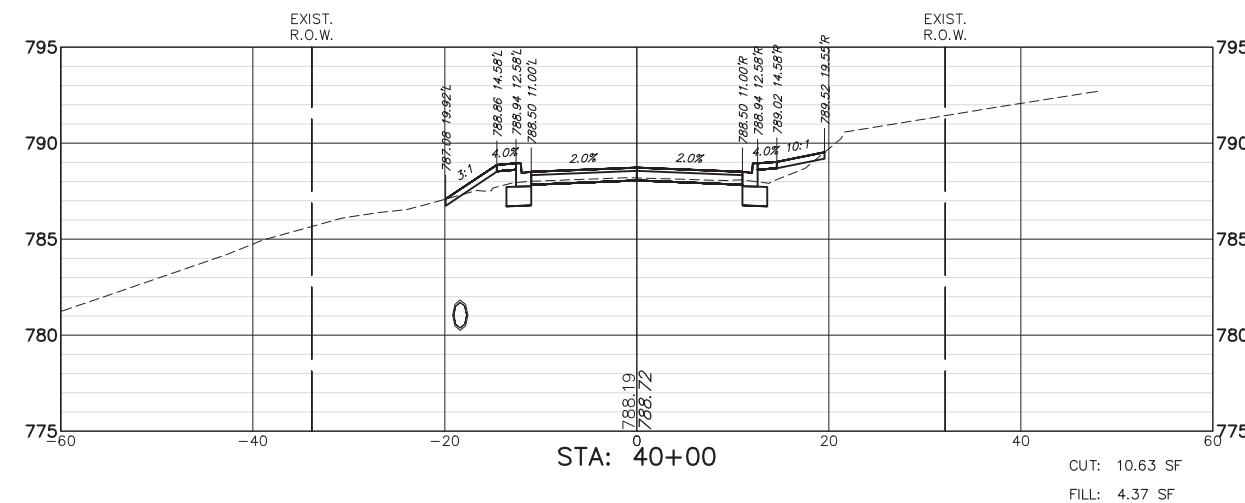
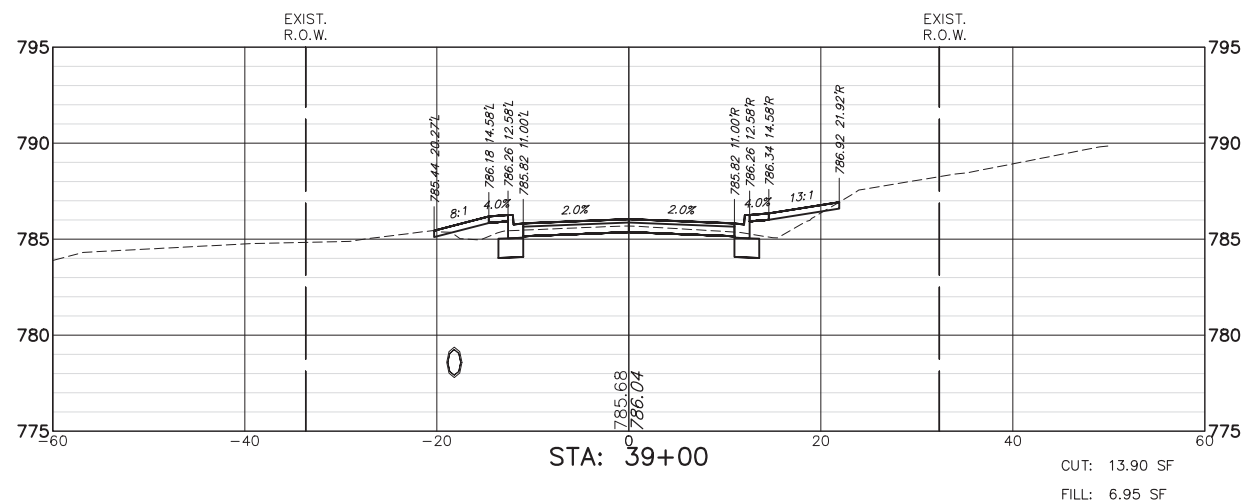
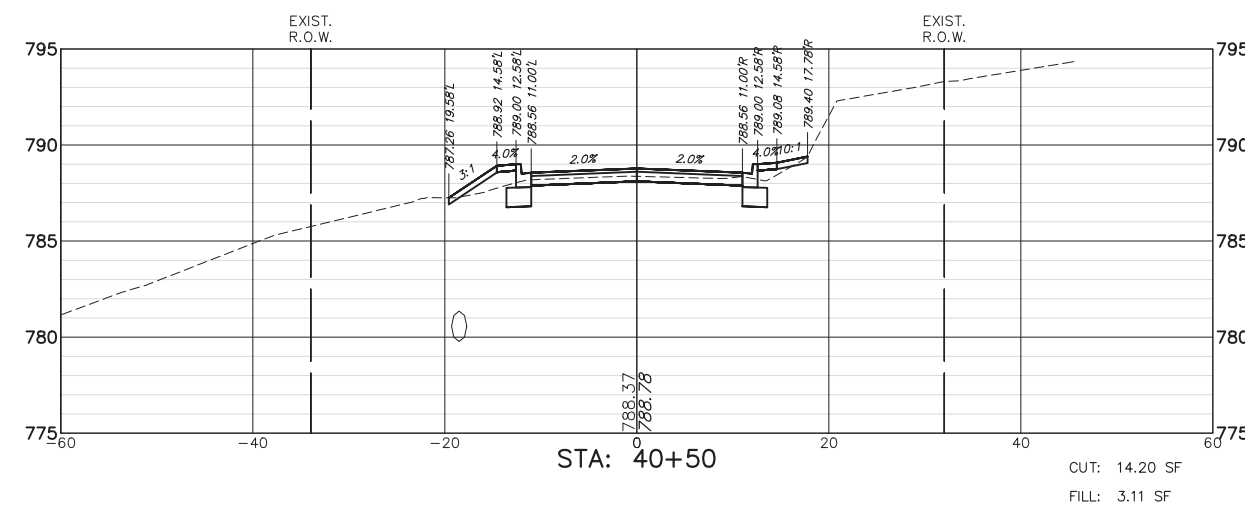
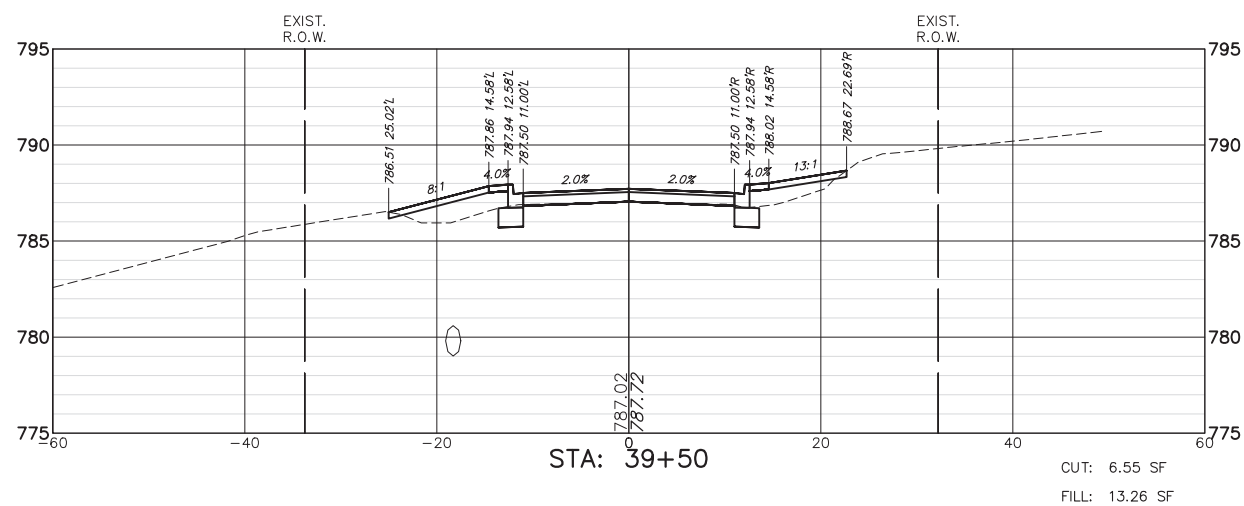
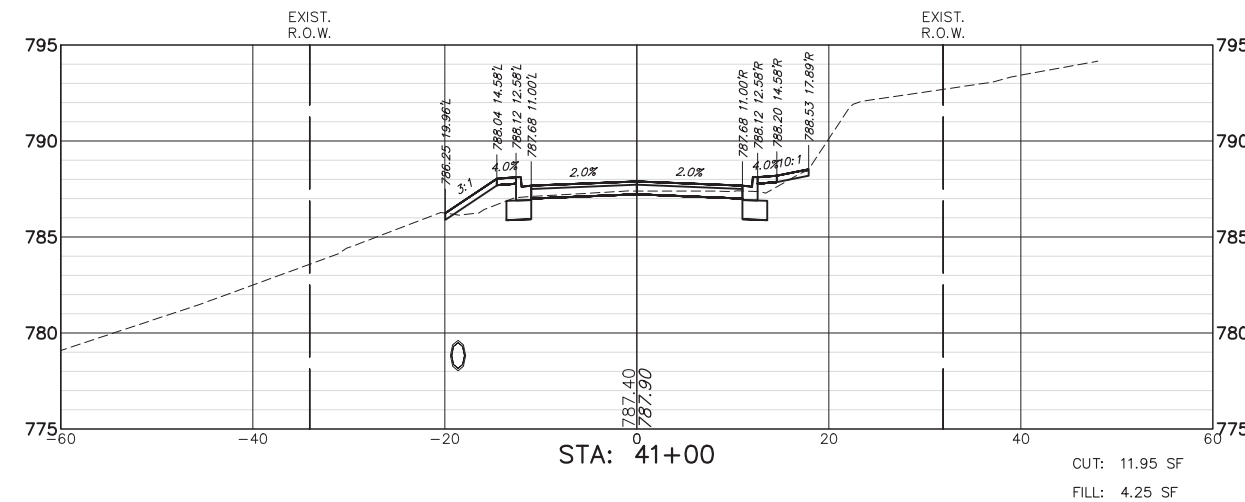
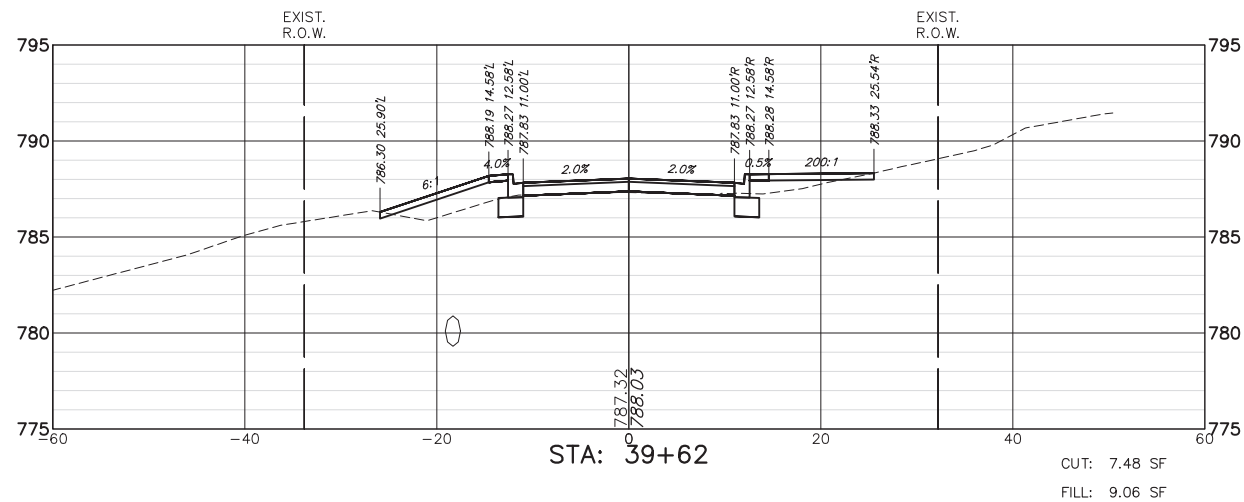
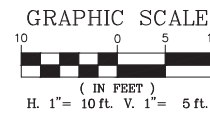
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

SCALE AS NOTED SHEET NO. 3 OF 27 SHEETS STA. 36+50.00 TO STA. 38+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	88
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				



FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 12/15/2023 5:52 PM

DATE - 12/18/2023

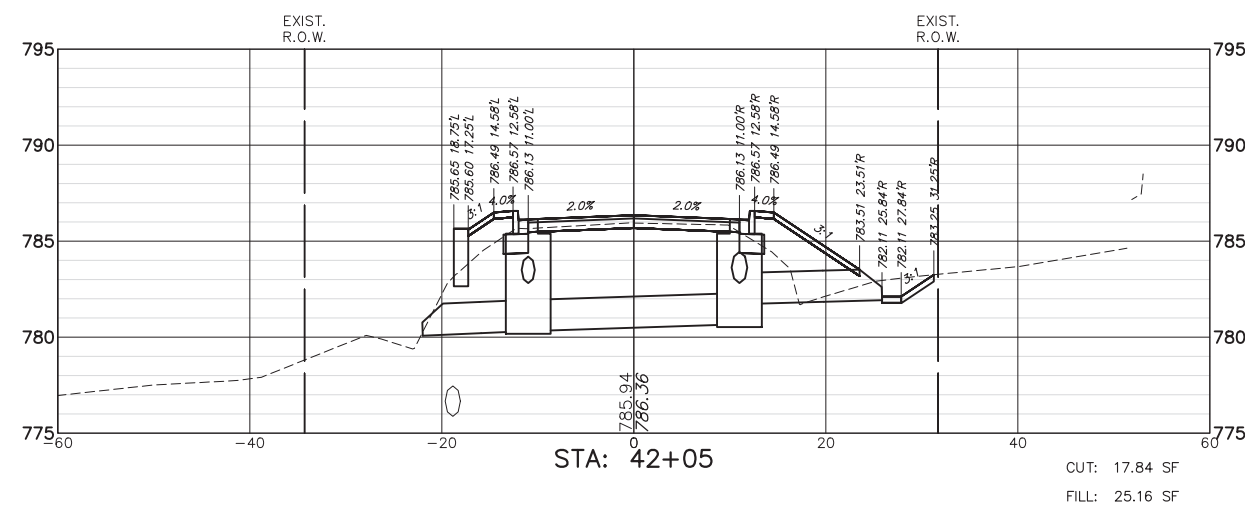
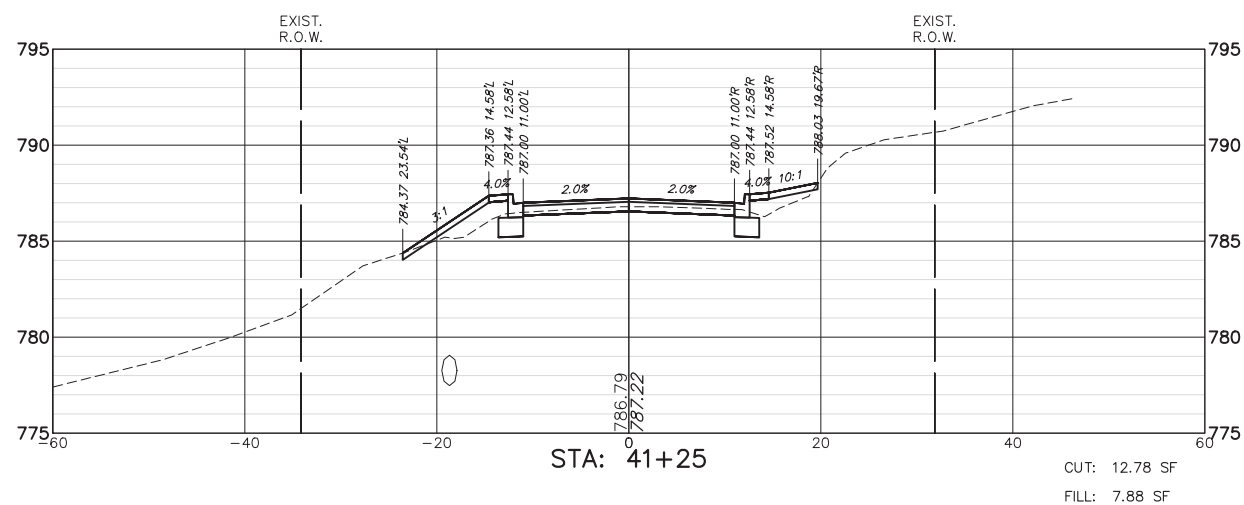
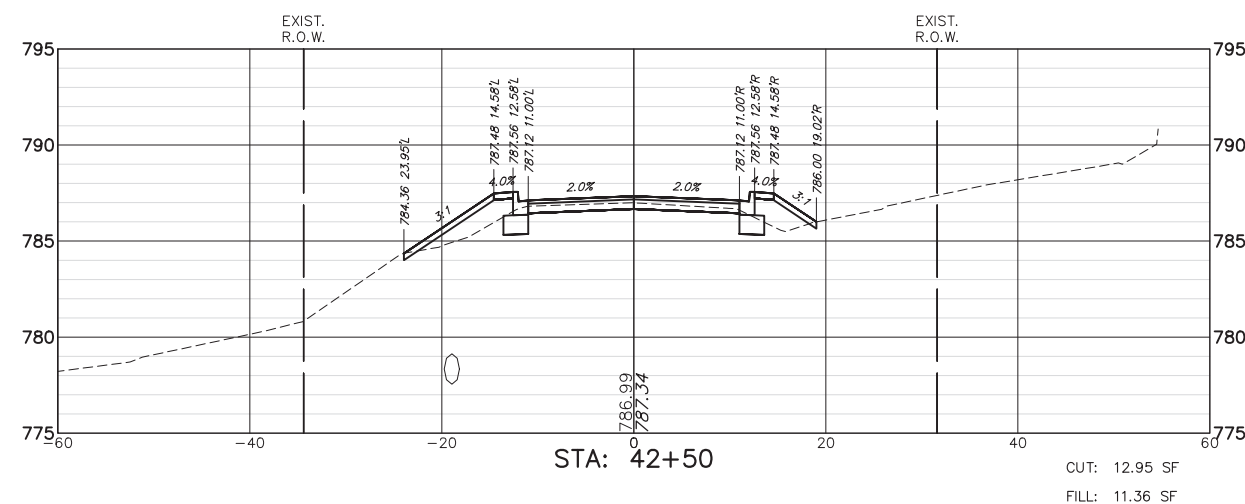
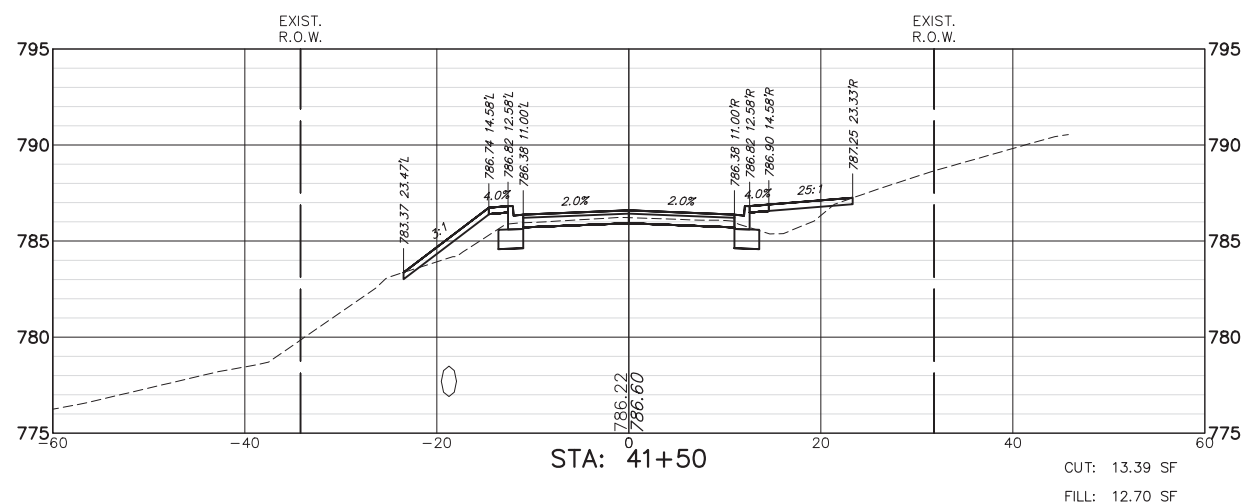
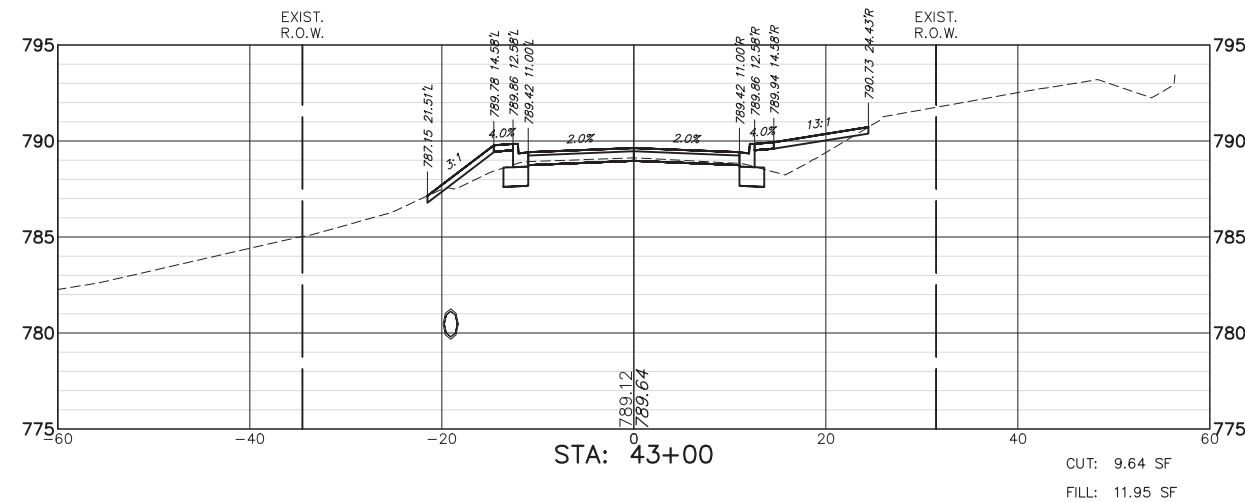
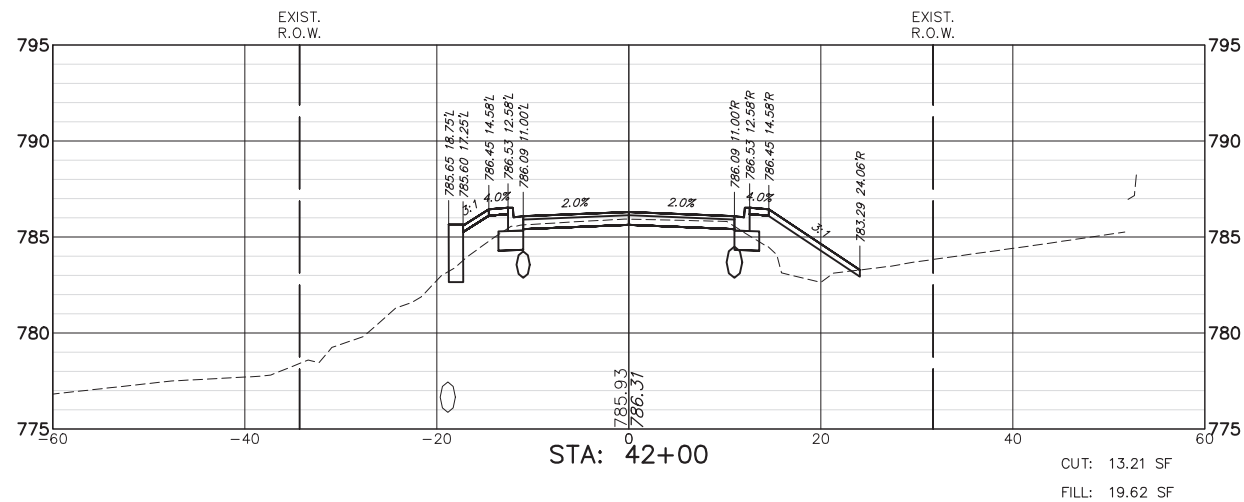
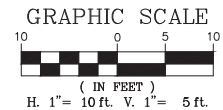
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

SCALE AS NOTED SHEET NO. 4 OF 27 SHEETS STA. 39+00.00 TO STA. 41+00.00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	89
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				



FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - MGFC

REVISED -

PLOT DATE = 12/15/2023 5:52 PM

CHECKED - DPB

REVISED -

DATE - 12/18/2023

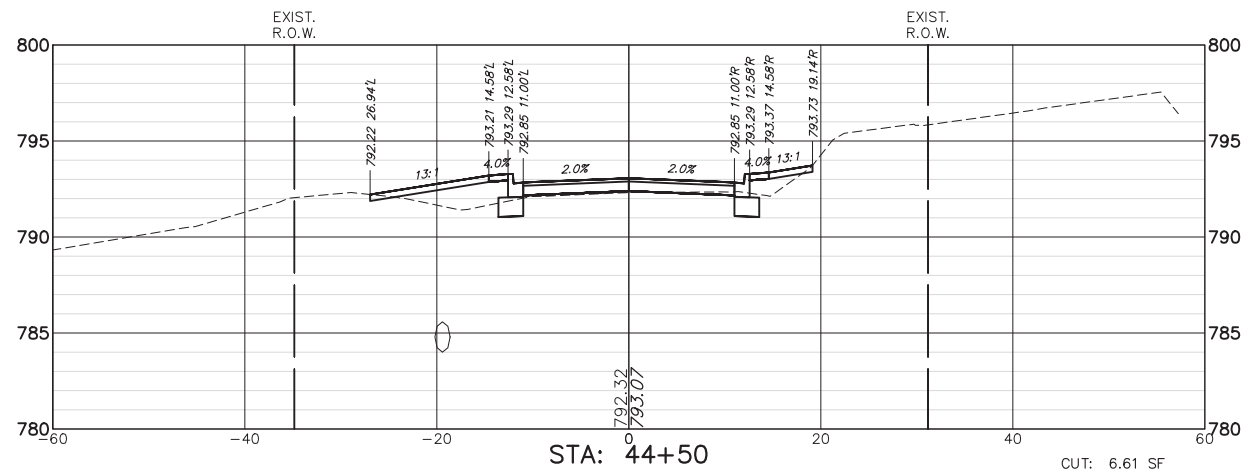
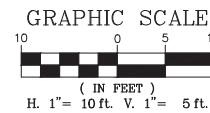
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

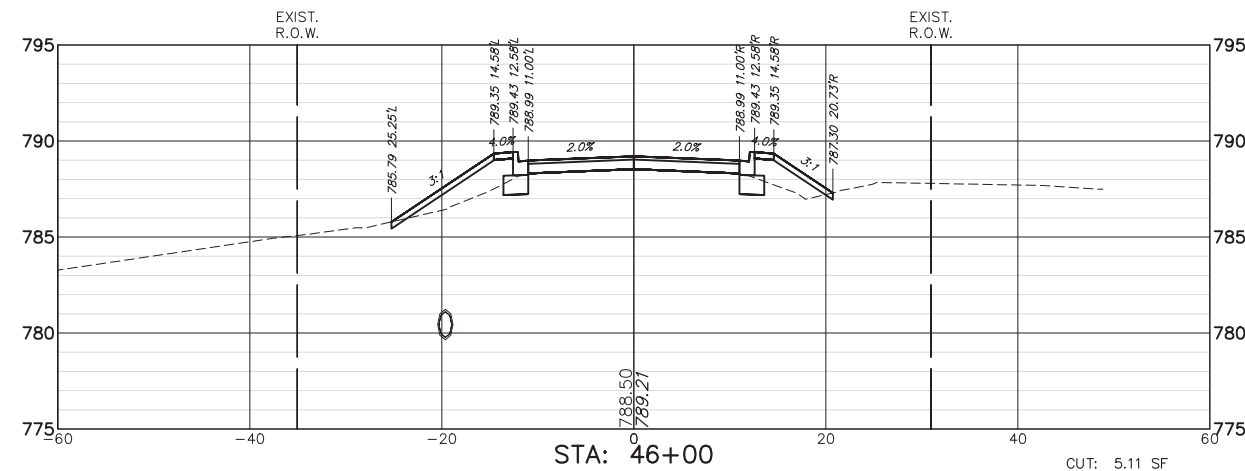
**CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS**

SCALE AS NOTED SHEET NO. 5 OF 27 SHEETS STA. 41+25.00 TO STA. 43+00.00

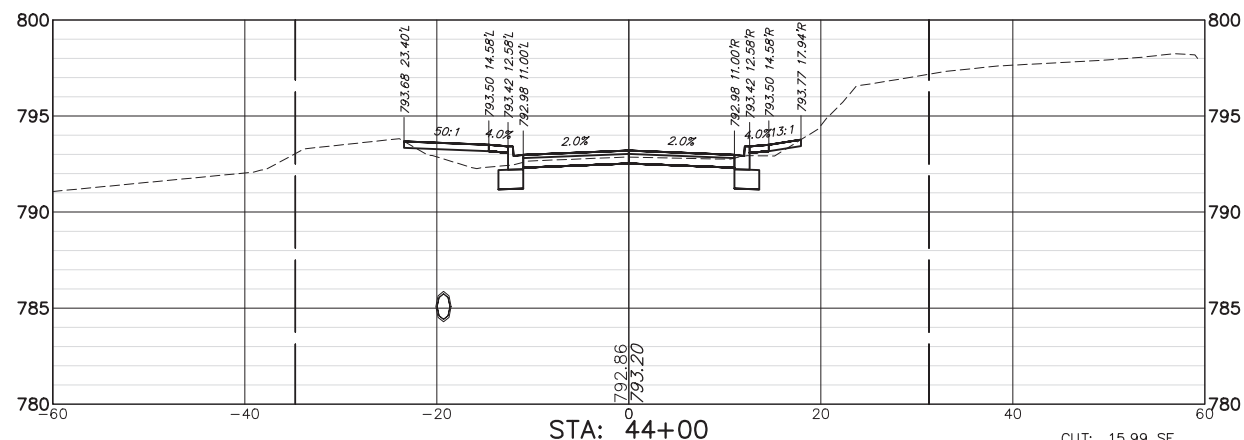
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	90
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				



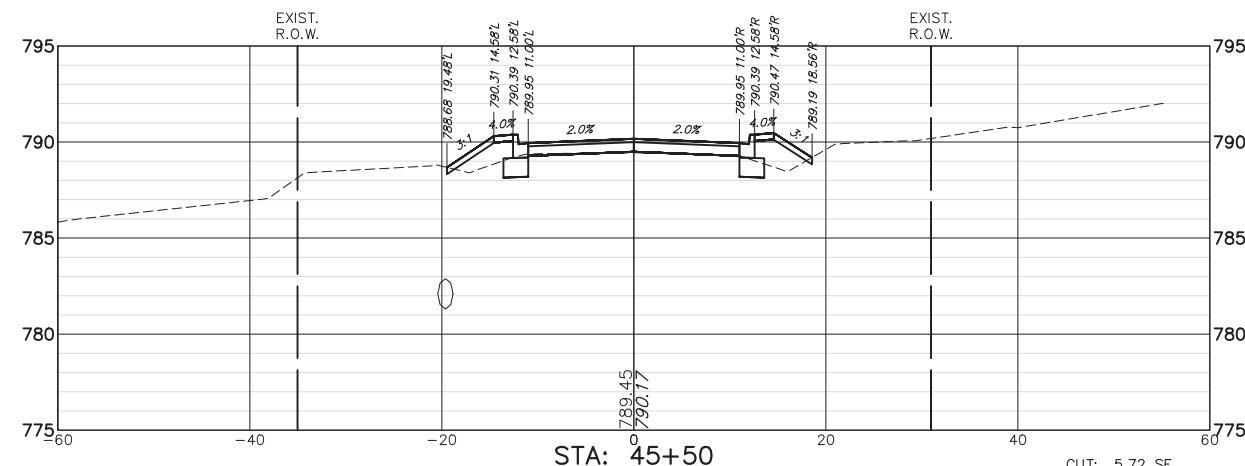
CUT: 6.61 SF
FILL: 12.50 SF



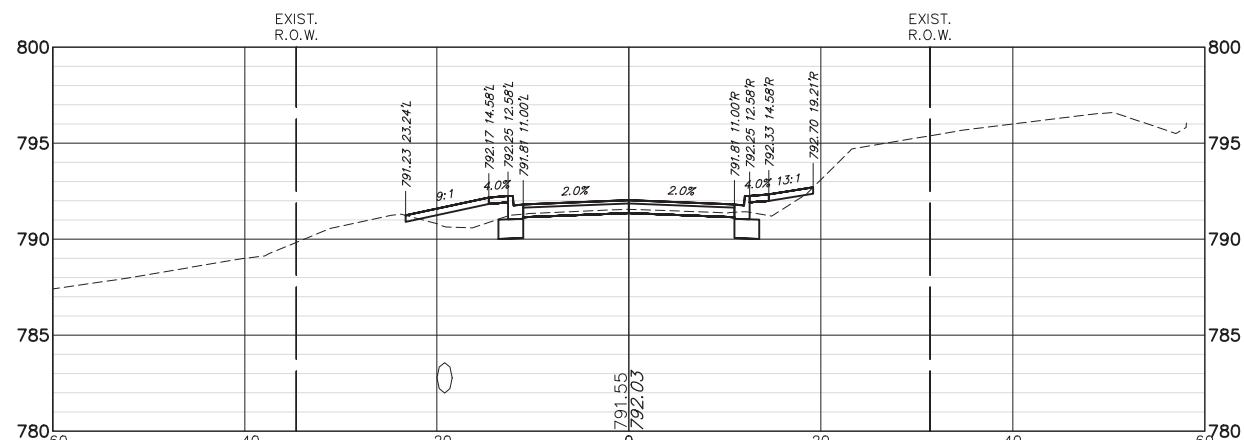
CUT: 5.11 SF
FILL: 15.21 SF



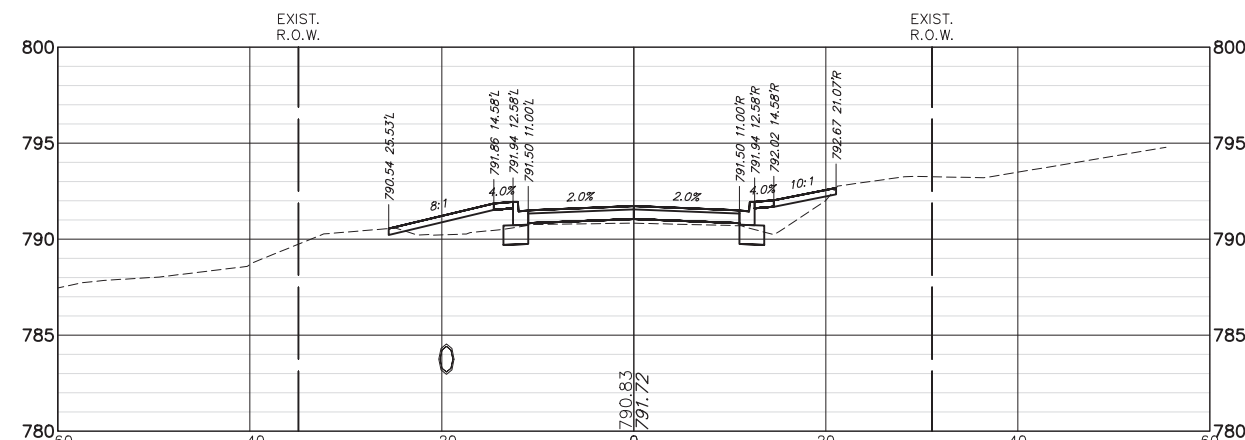
CUT: 15.99 SF
FILL: 5.80 SF



CUT: 5.72 SF
FILL: 8.62 SF



CUT: 11.36 SF
FILL: 8.40 SF



CUT: 4.86 SF
FILL: 16.83 SF

FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - MGFC

REVISED -

PLOT DATE = 12/15/2023 5:53 PM

CHECKED - DPB

REVISED -

DATE - 12/18/2023

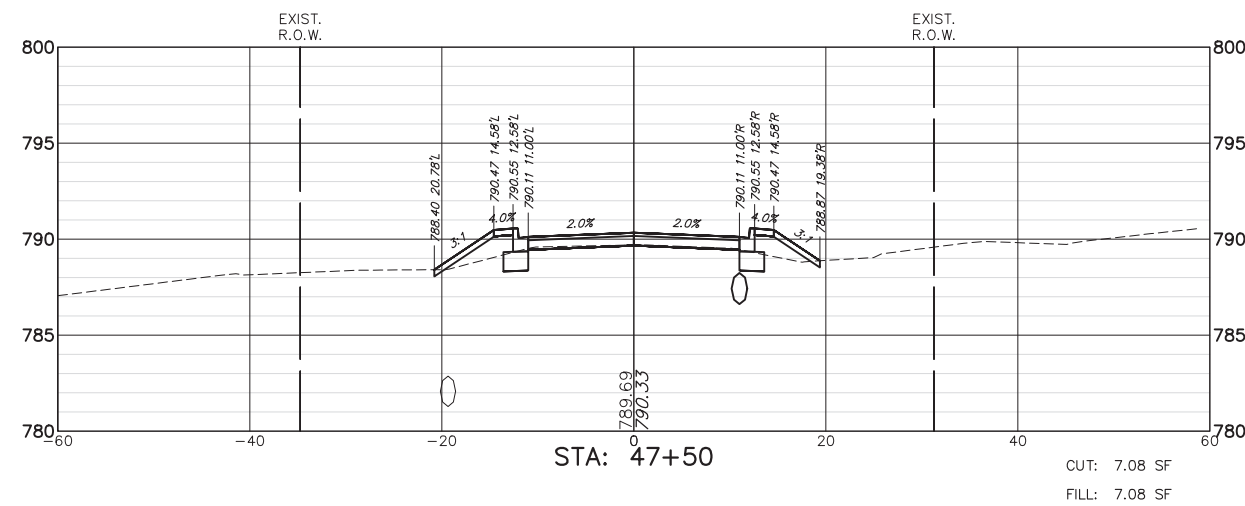
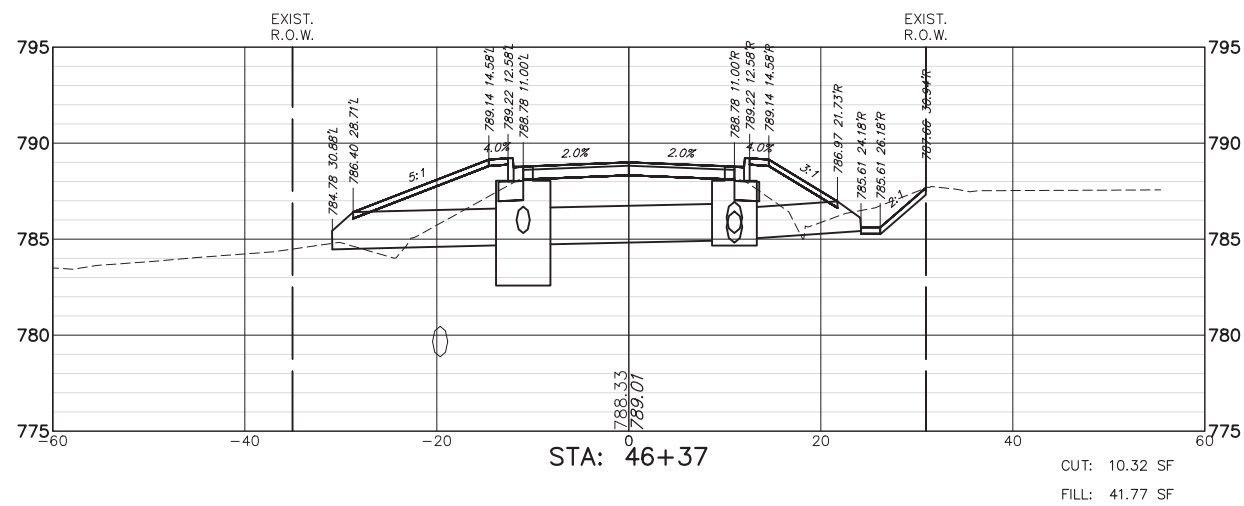
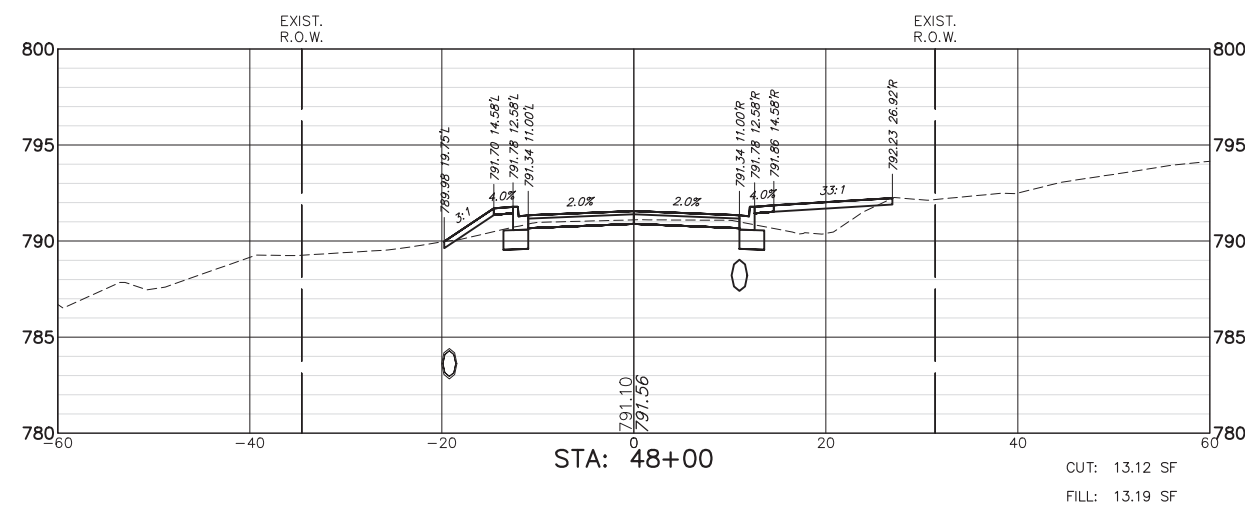
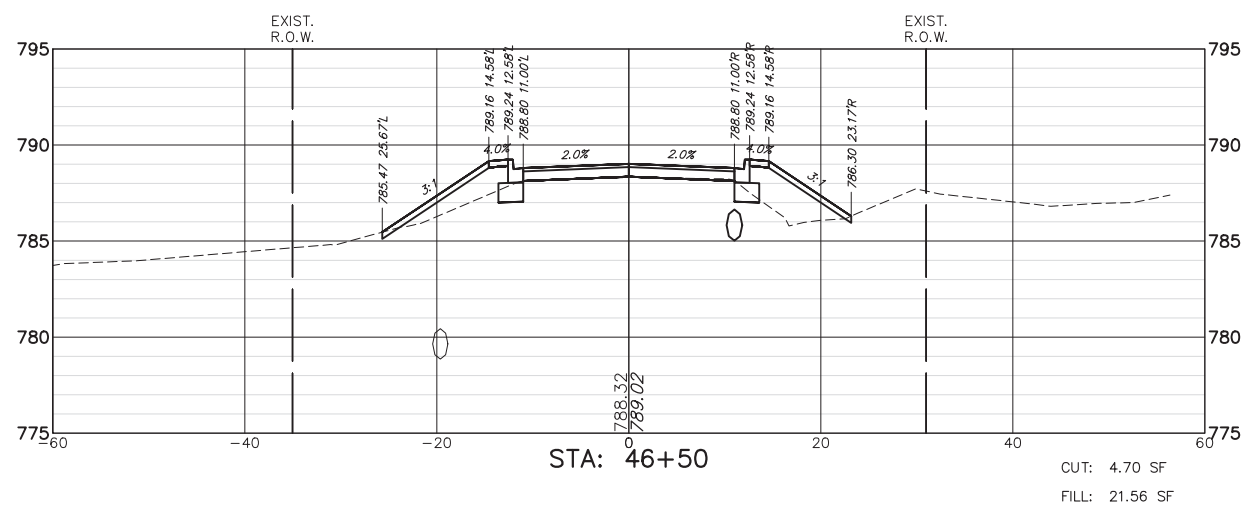
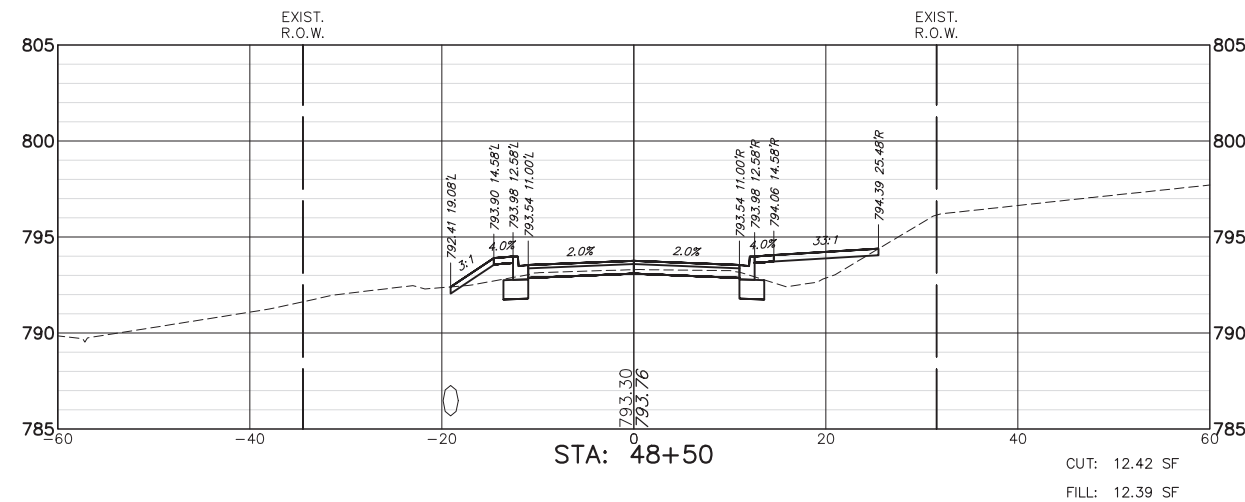
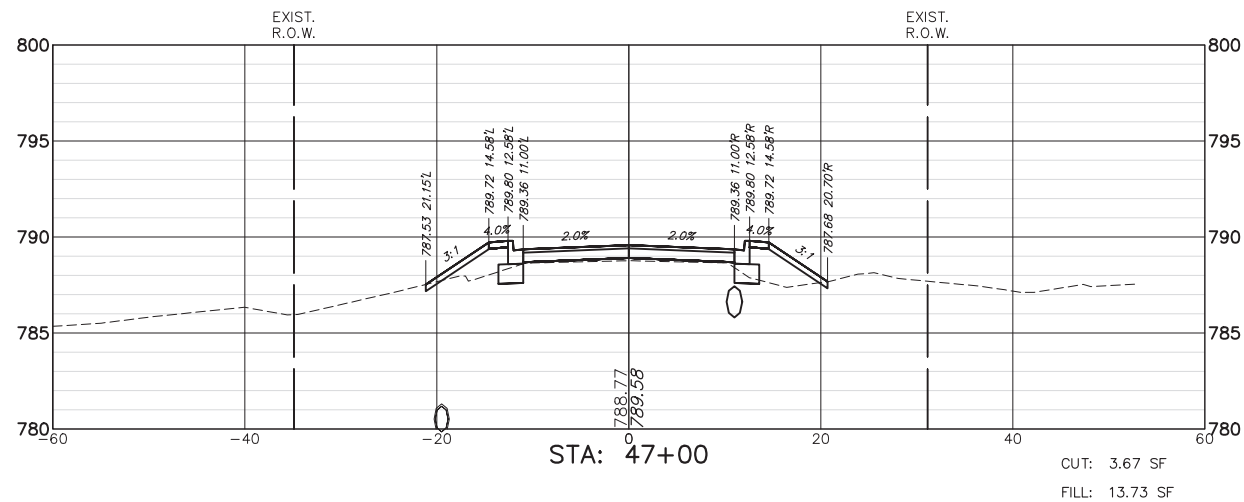
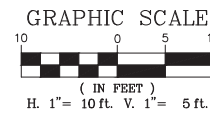
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

SCALE AS NOTED SHEET NO. 6 OF 27 SHEETS STA. 43+50.00 TO STA. 46+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	91
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				



FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC
 DRAWN - MGFC
 CHECKED - DPB
 DATE - 12/18/2023

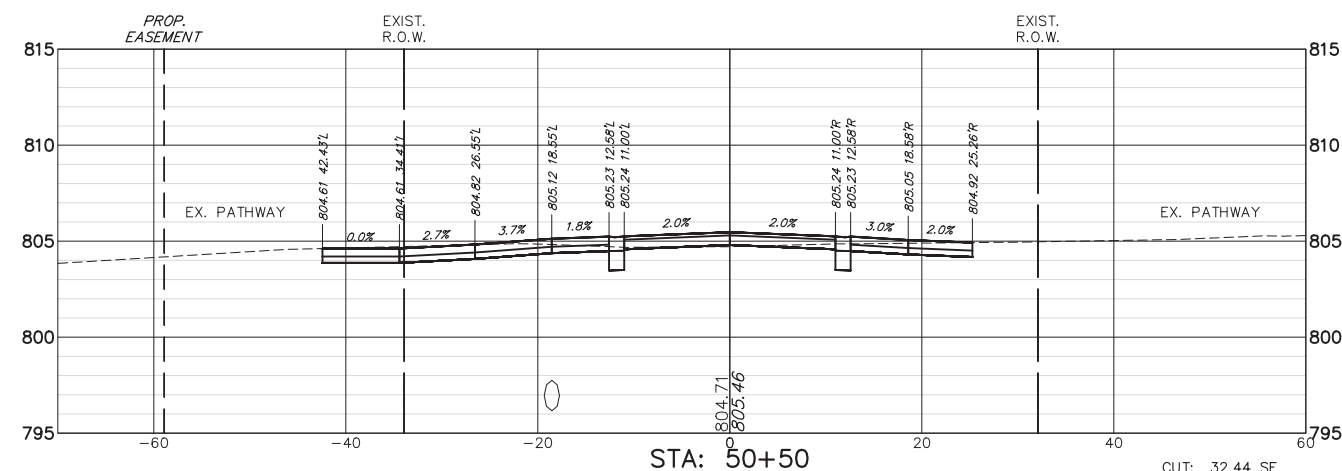
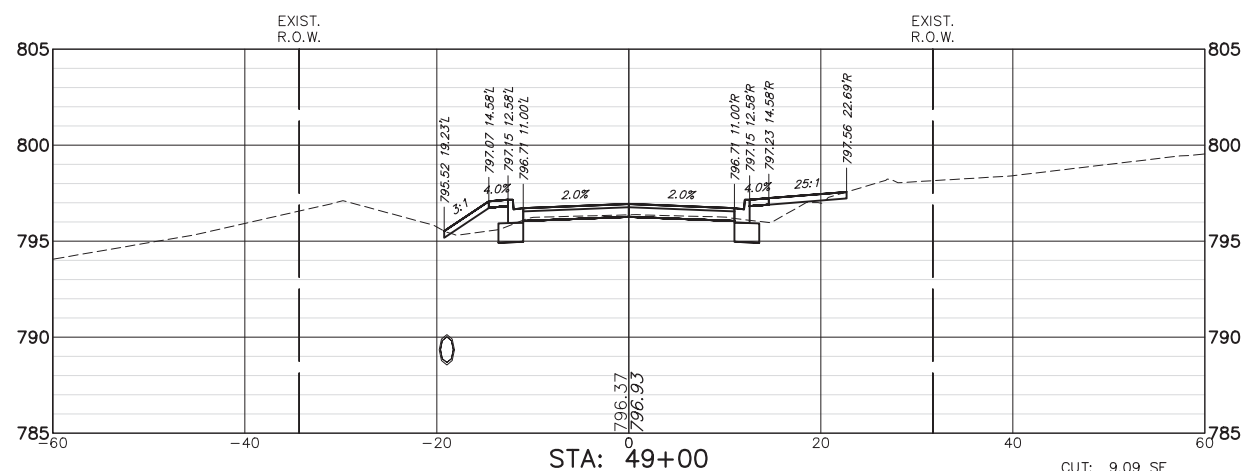
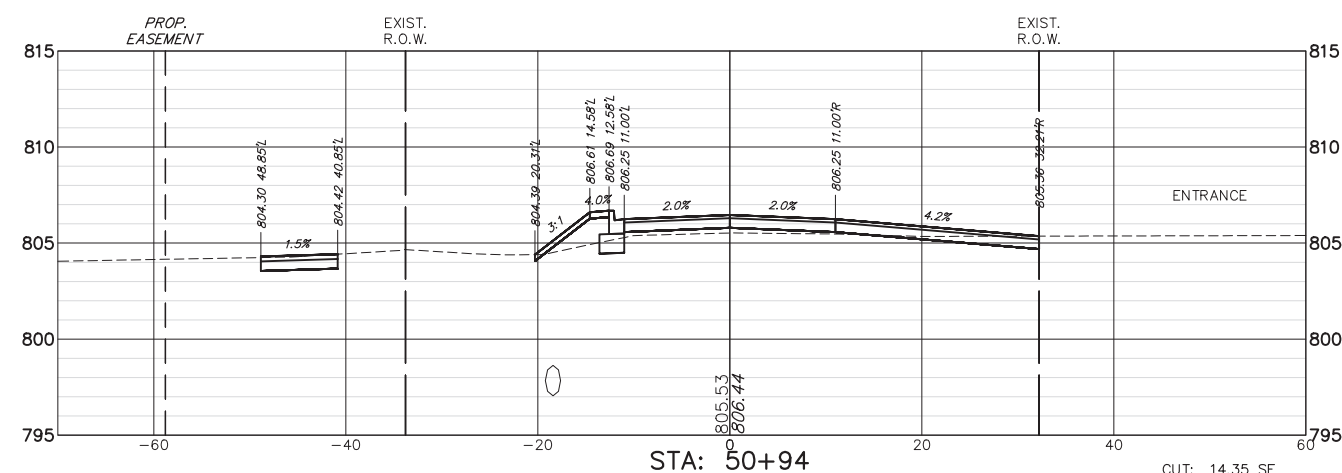
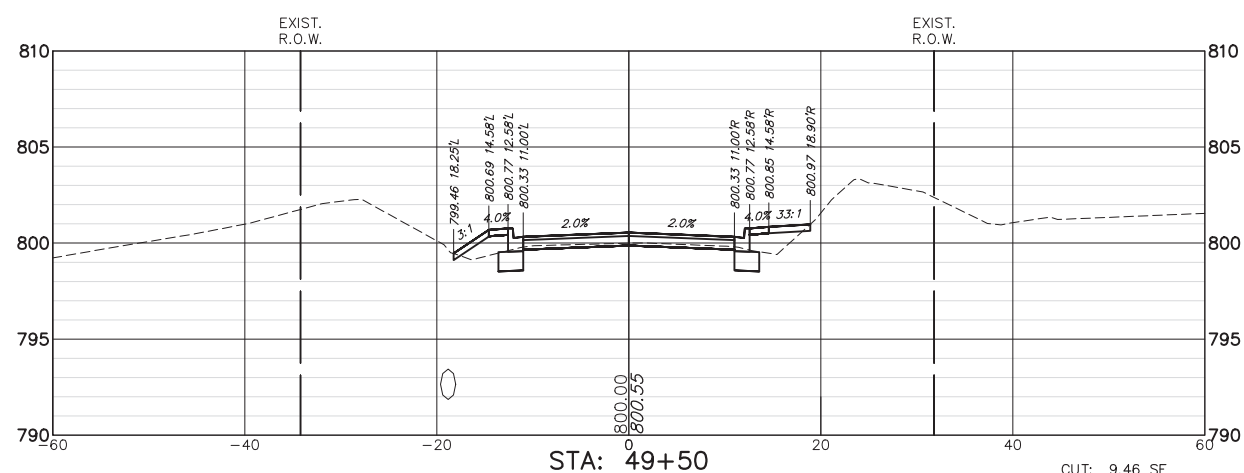
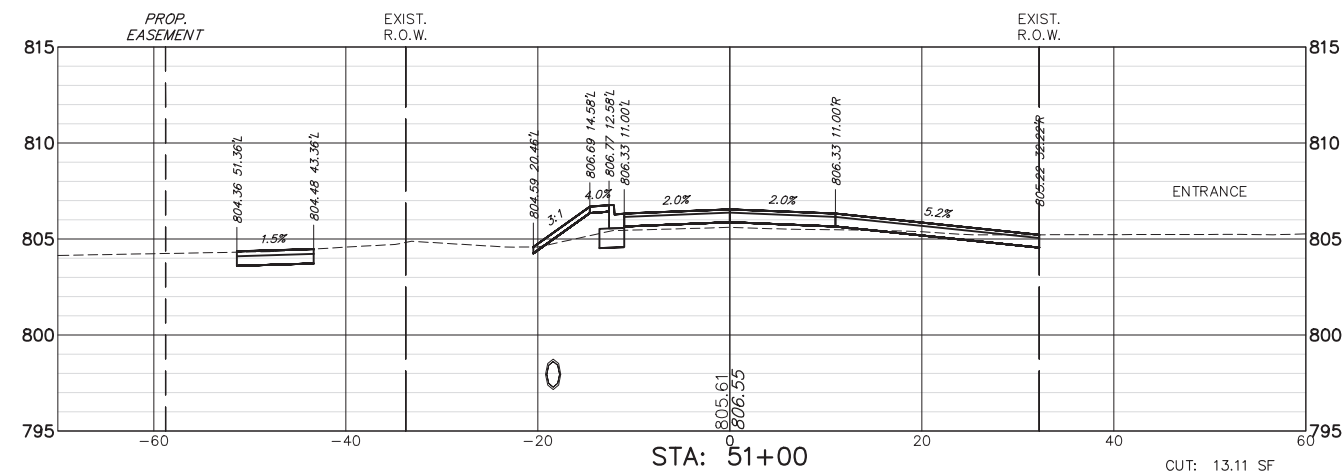
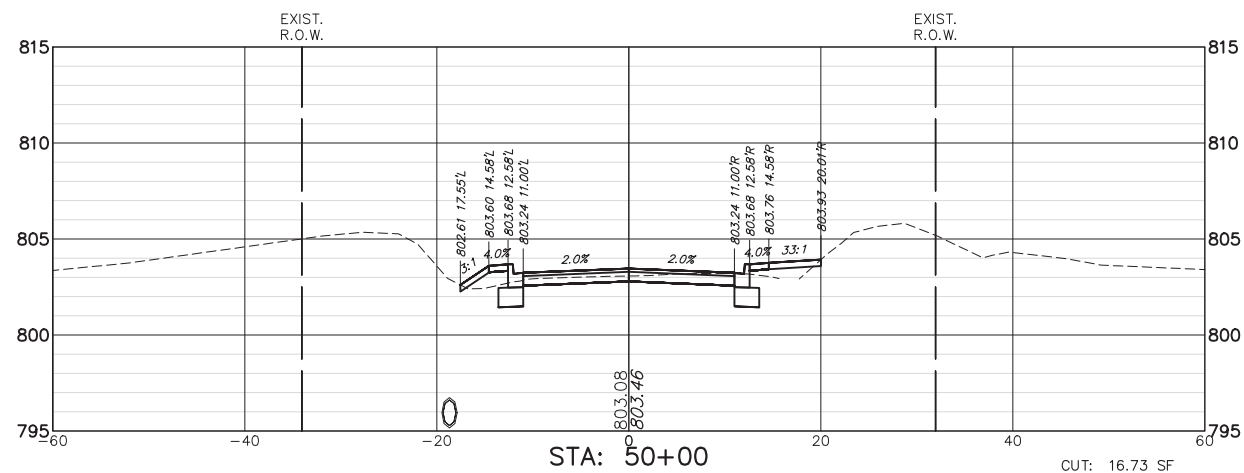
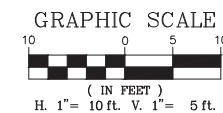
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 FISH LAKE ROAD IMPROVEMENTS**

SCALE AS NOTED SHEET NO. 7 OF 27 SHEETS STA. 46+37.00 TO STA. 48+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	92
CONTRACT #:				61K10
ILLINOIS FED. AID PROJECT				



FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

CHECKED - DPB

REVISED -

PLOT SCALE = 1" = .0833'

DATE - 12/18/2023

REVISED -

PLOT DATE = 12/15/2023 5:53 PM

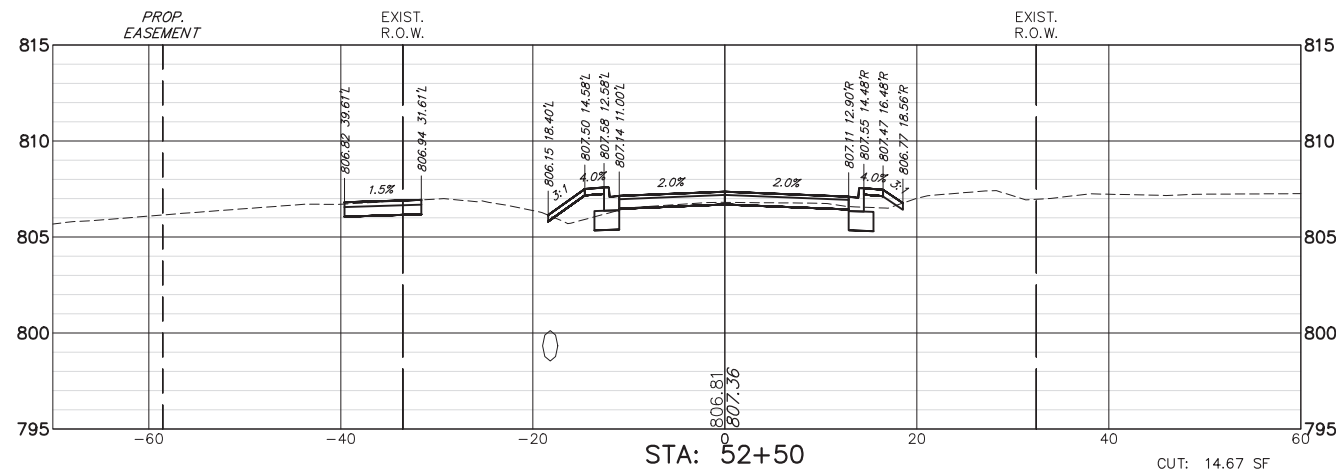
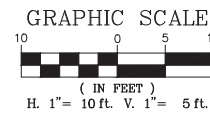
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

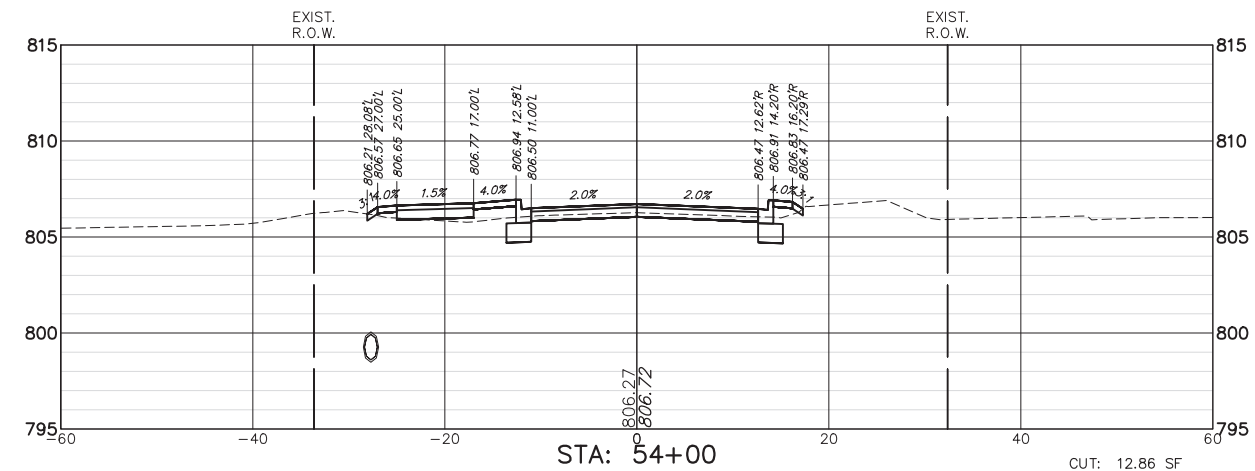
SCALE AS NOTED SHEET NO. 8 OF 27 SHEETS STA. 49+00.00 TO STA. 51+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	93
CONTRACT #:			61K10	

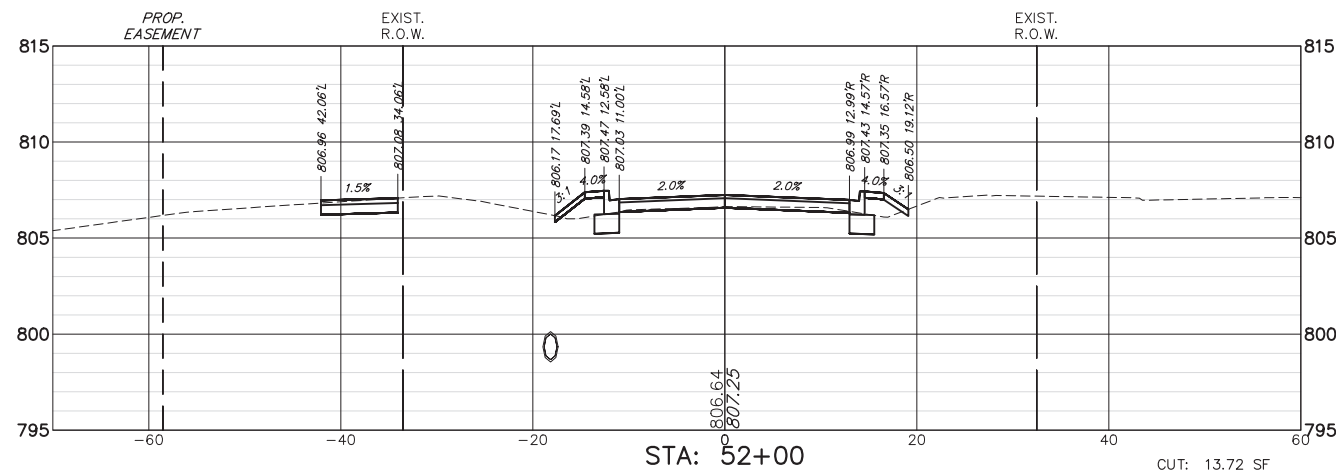
ILLINOIS FED. AID PROJECT



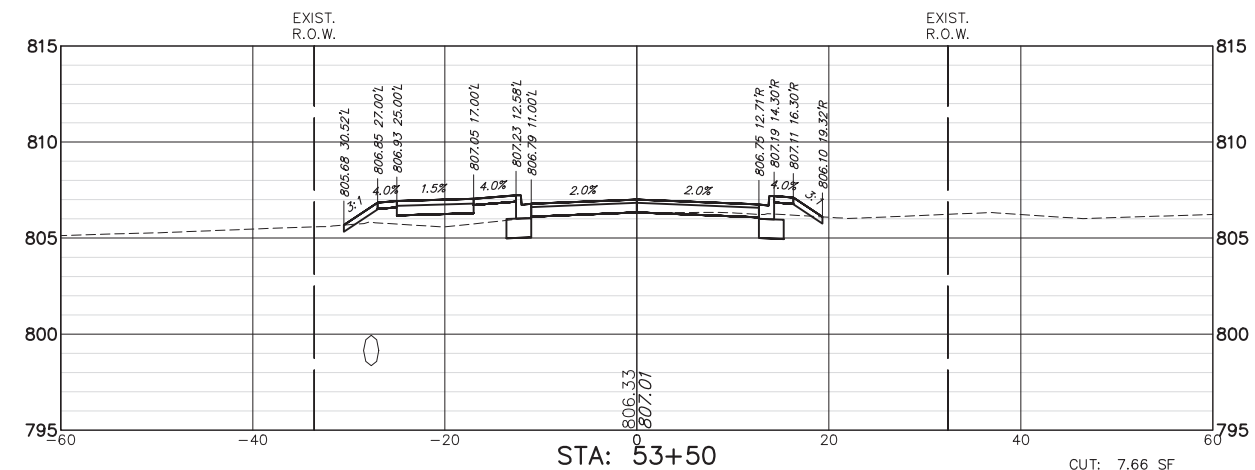
CUT: 14.67 SF
FILL: 4.78 SF



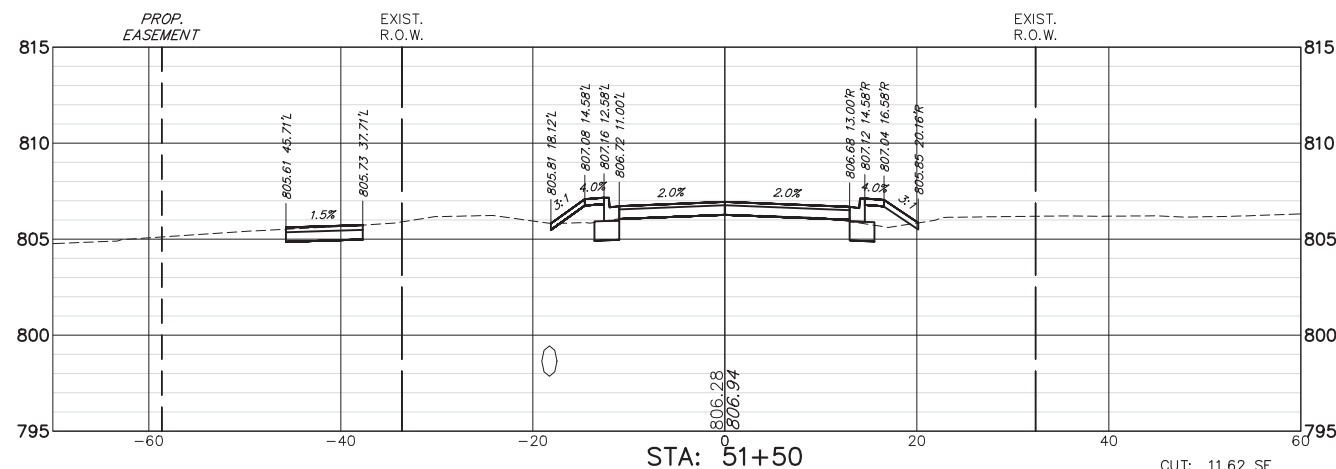
CUT: 12.86 SF
FILL: 3.84 SF



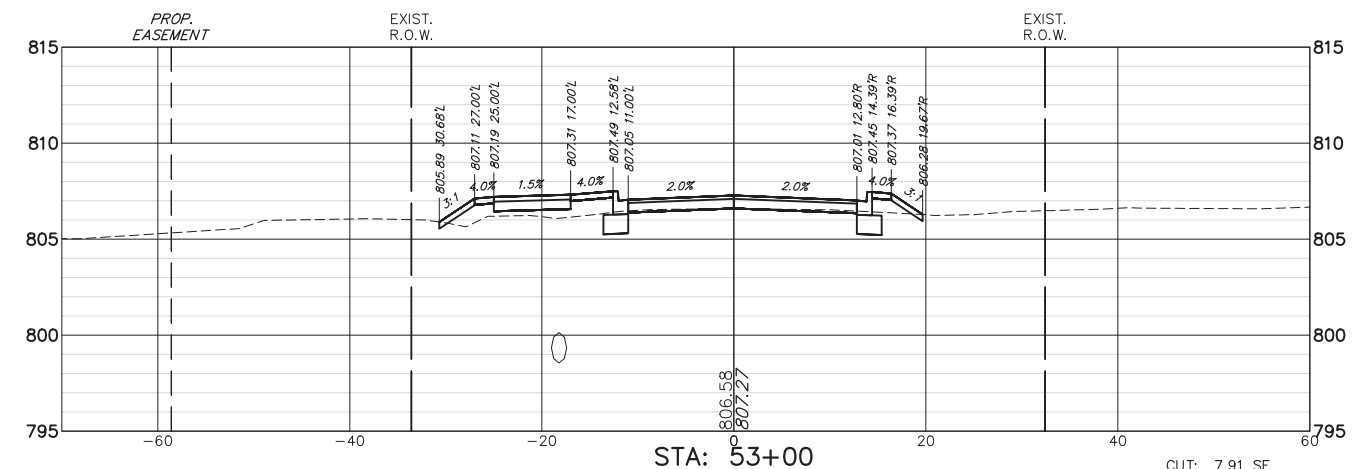
CUT: 13.72 SF
FILL: 4.09 SF



CUT: 7.66 SF
FILL: 11.47 SF



CUT: 11.62 SF
FILL: 4.66 SF



CUT: 7.91 SF
FILL: 9.91 SF

FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC
DRAWN - MGFC
CHECKED - DPB
DATE - 12/18/2023

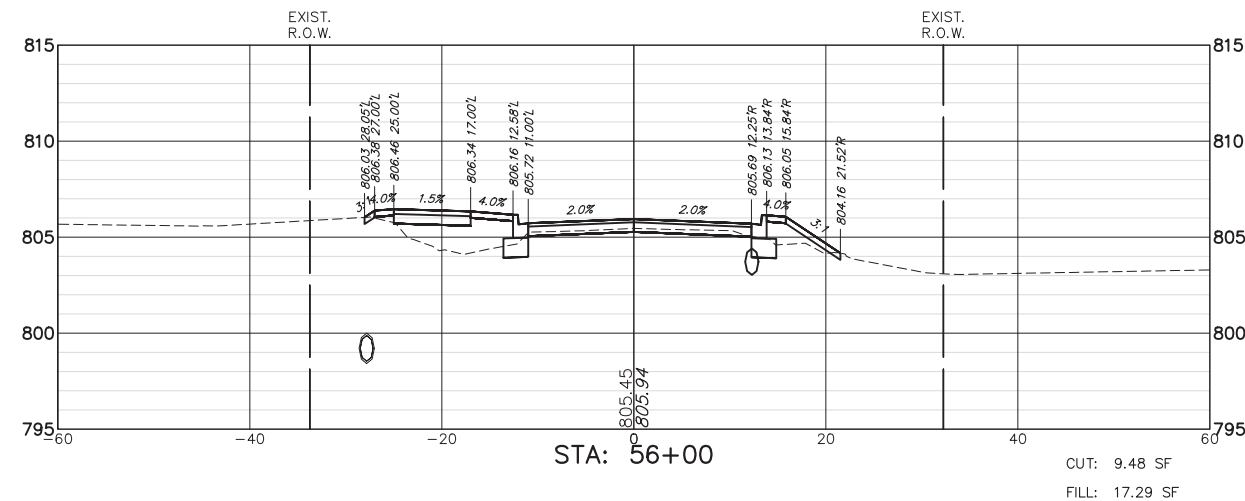
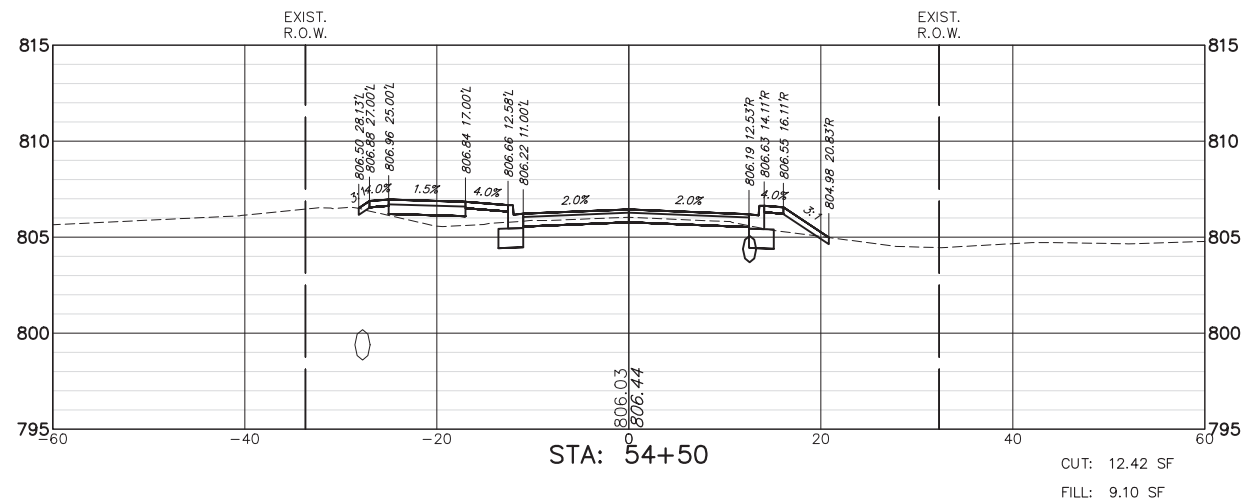
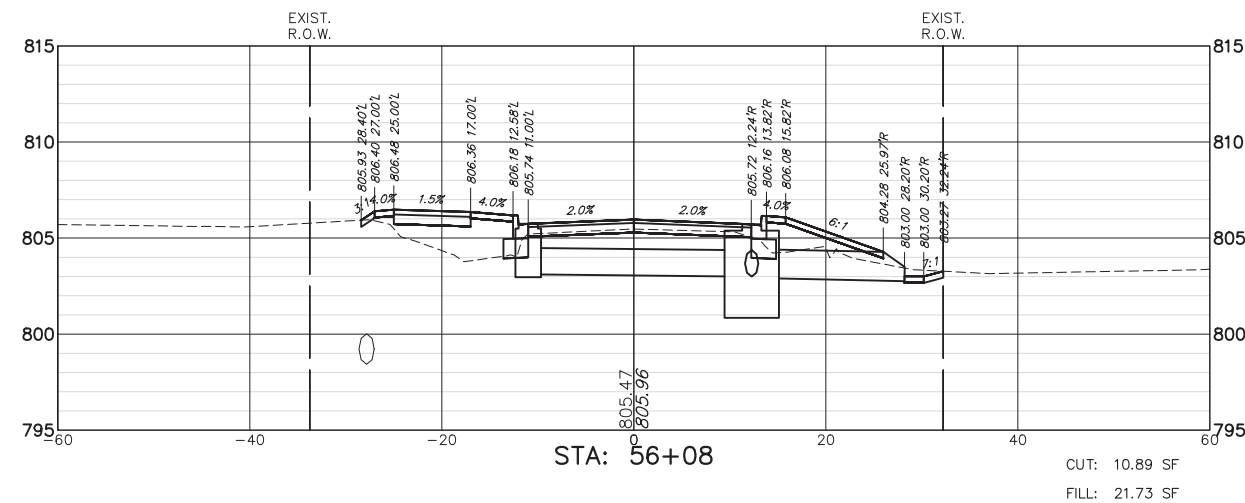
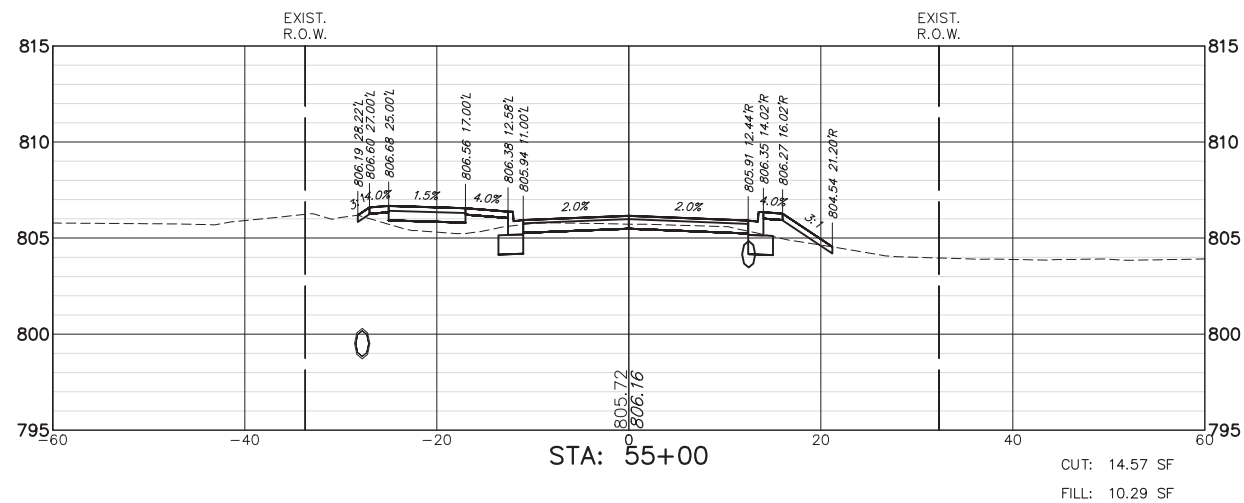
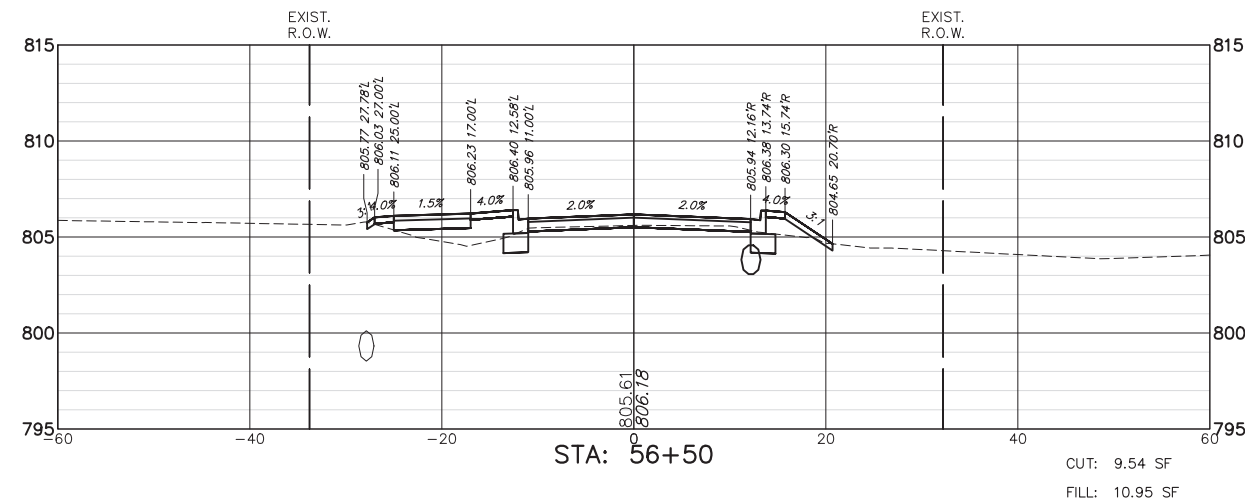
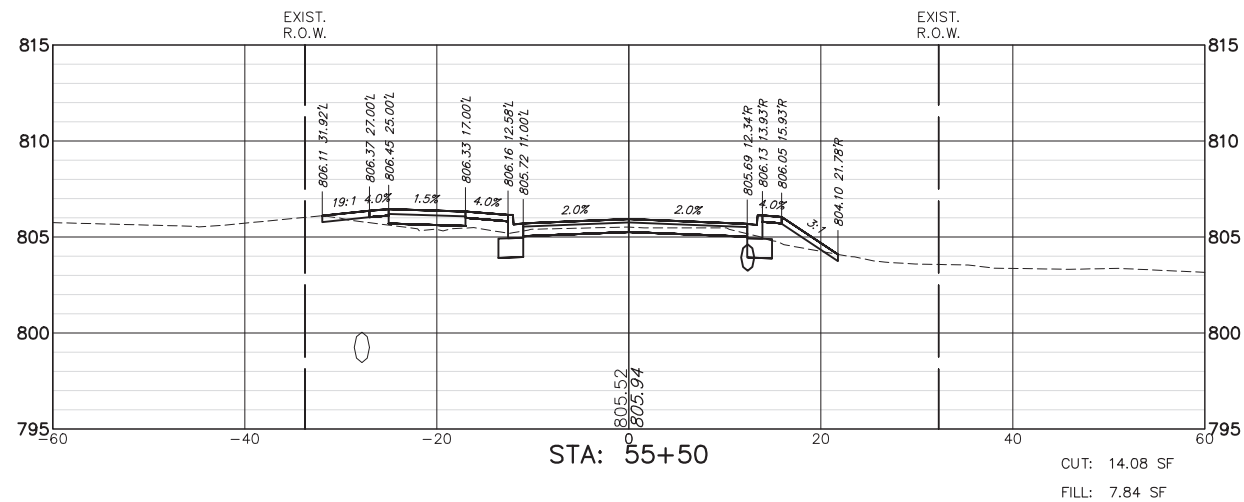
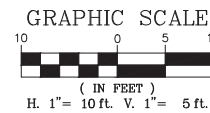
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

SCALE AS NOTED SHEET NO. 9 OF 27 SHEETS STA. 51+50.00 TO STA. 54+00.00

FAU R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	94
CONTRACT #:			61K10	
ILLINOIS FED. AID PROJECT				



FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - MGFC

REVISED -

PLOT DATE = 12/15/2023 5:54 PM

CHECKED - DPB

REVISED -

DATE - 12/18/2023

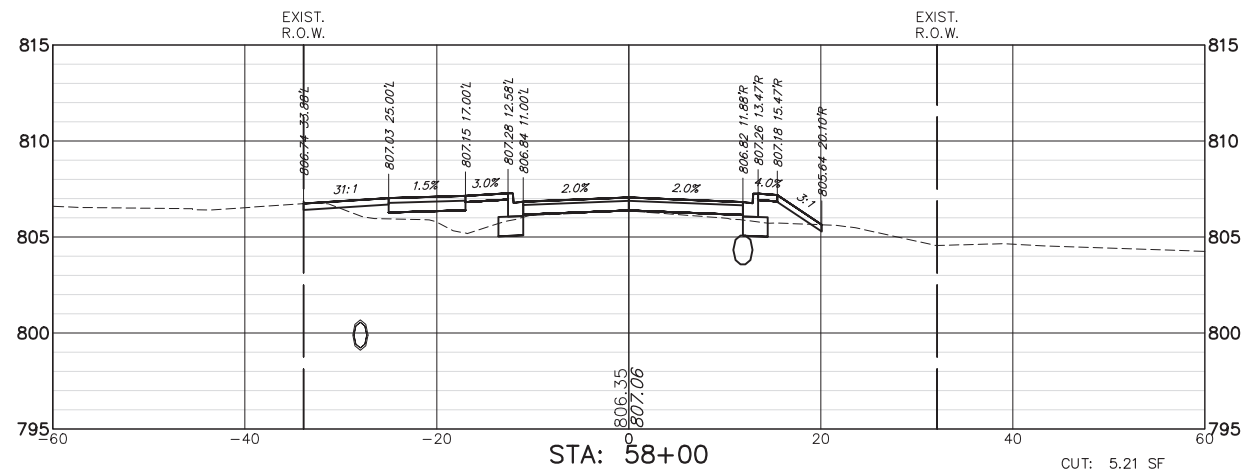
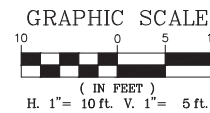
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

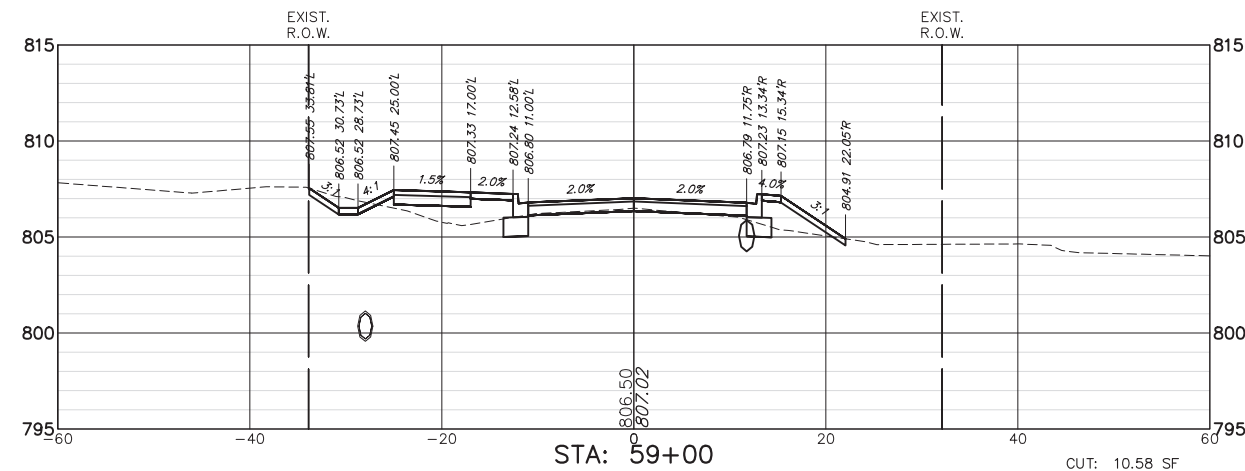
CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

SCALE AS NOTED SHEET NO. 10 OF 27 SHEETS STA. 54+50.00 TO STA. 56+50.00

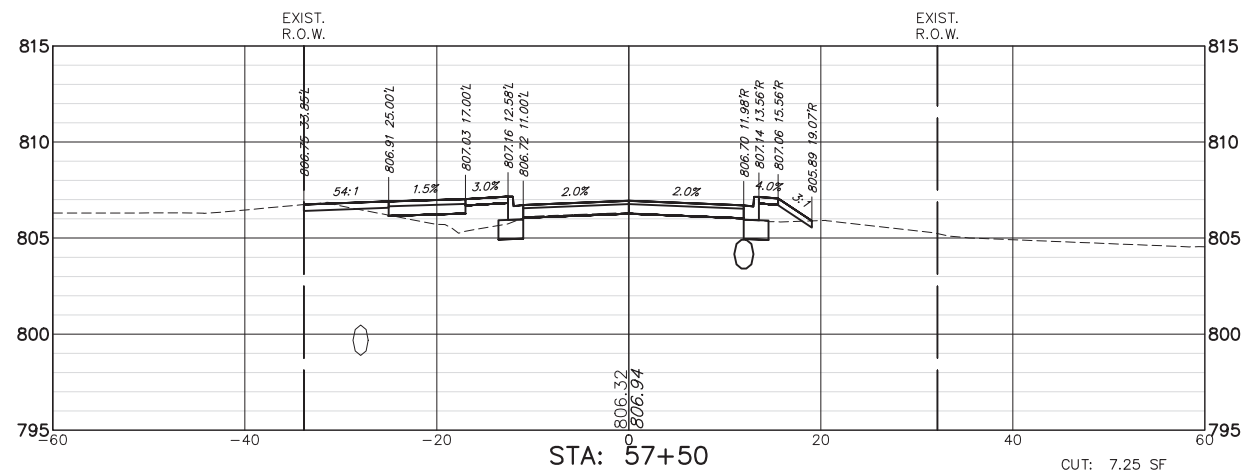
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	95
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				



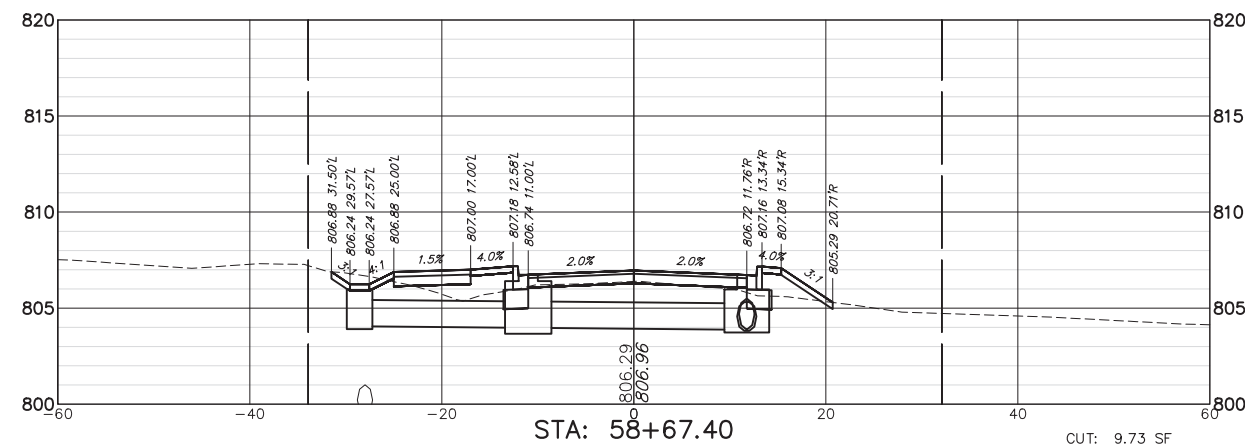
CUT: 5.21 SF
FILL: 17.48 SF



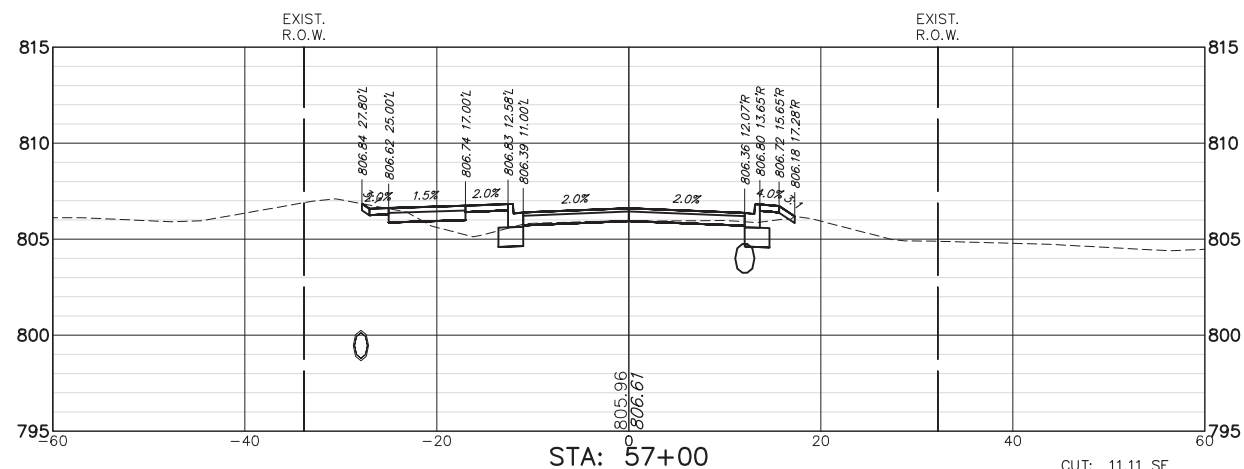
CUT: 10.58 SF
FILL: 15.33 SF



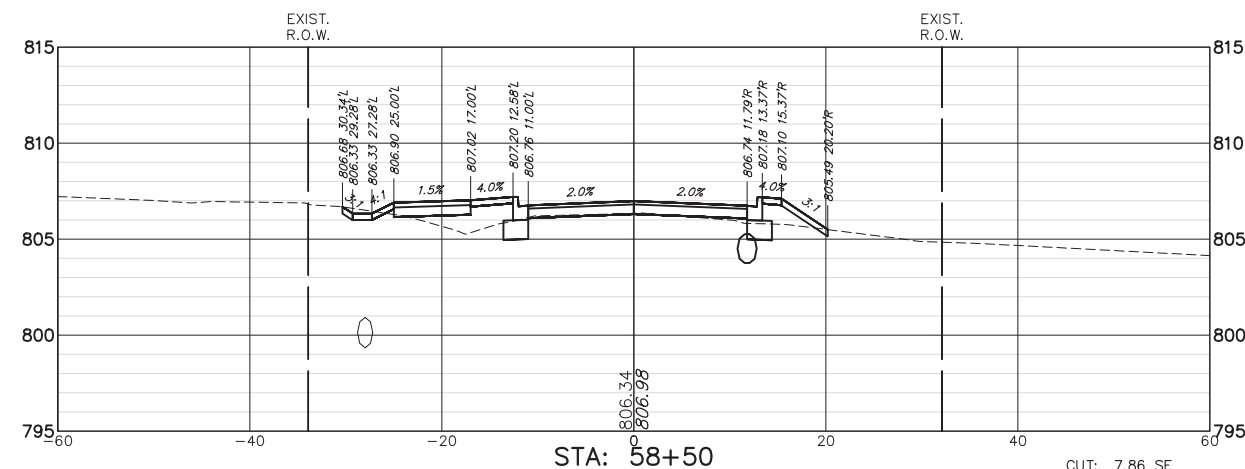
CUT: 7.25 SF
FILL: 10.50 SF



CUT: 9.73 SF
FILL: 10.32 SF



CUT: 11.11 SF
FILL: 6.61 SF



CUT: 7.86 SF
FILL: 10.86 SF

FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - MGFC

REVISED -

PLOT DATE = 12/15/2023 5:55 PM

CHECKED - DPB

REVISED -

DATE - 12/18/2023

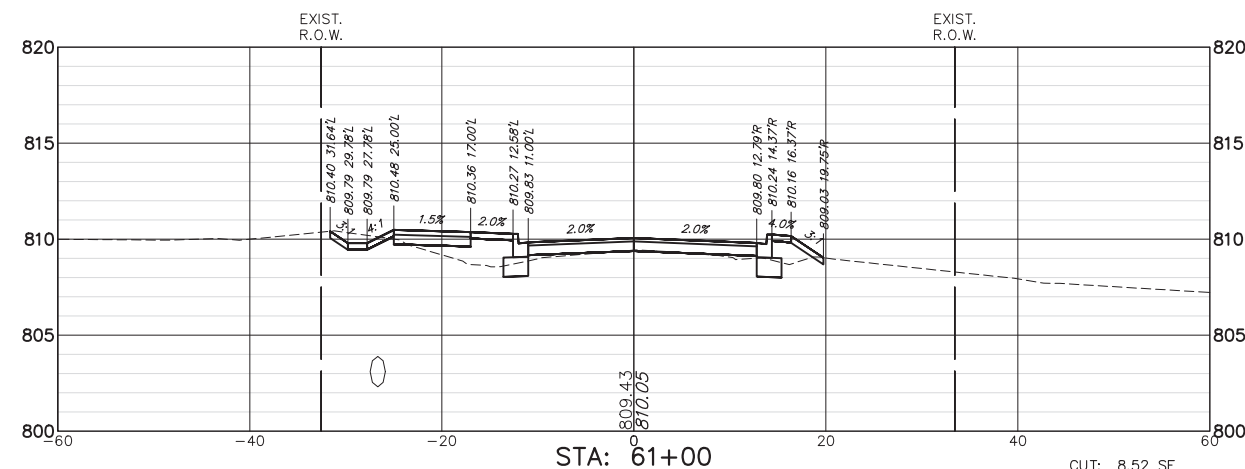
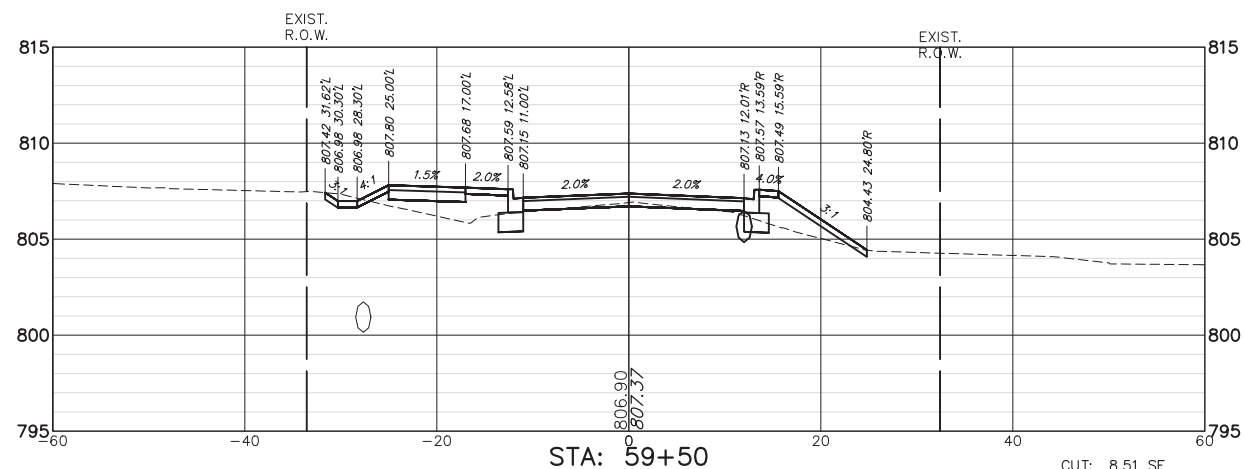
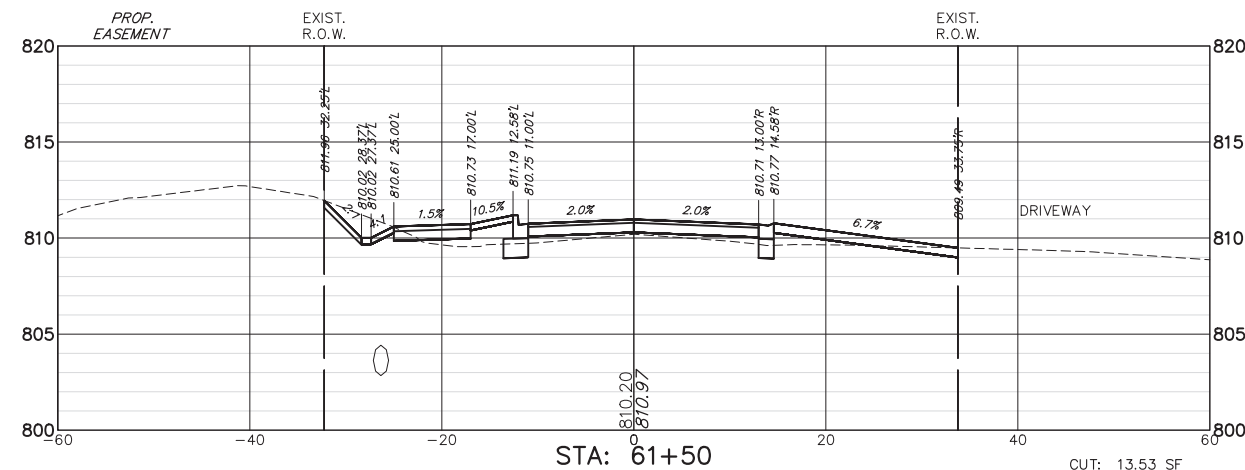
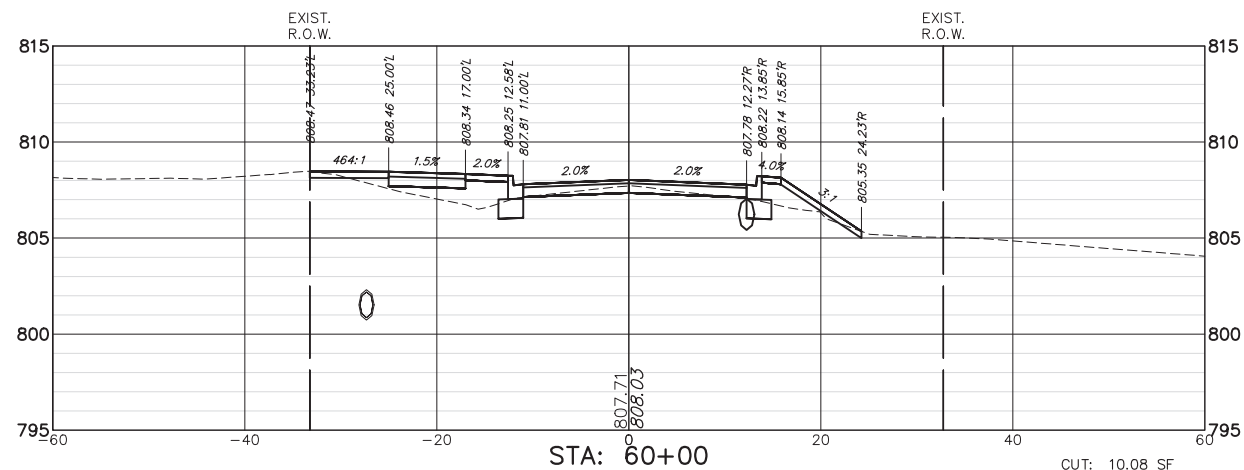
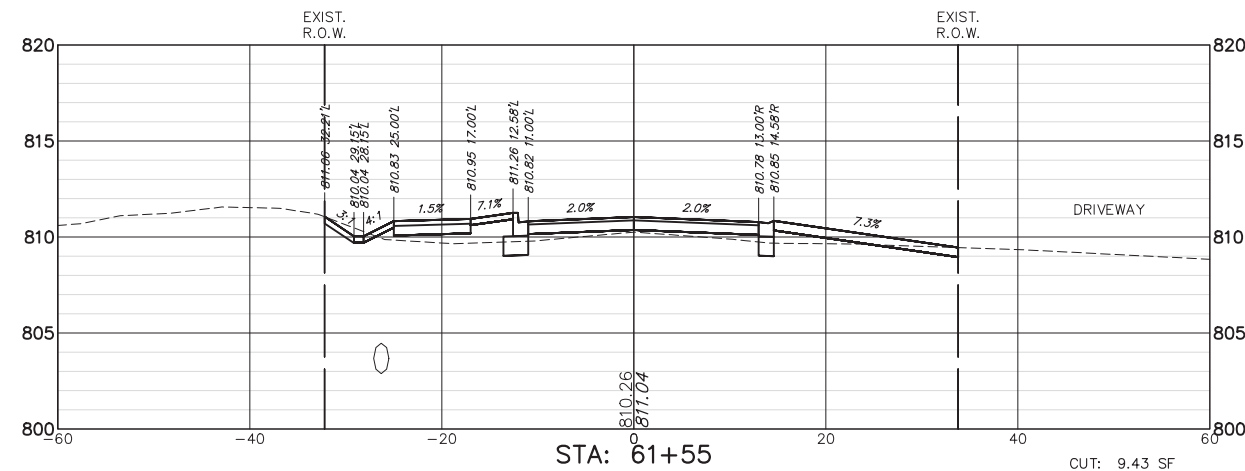
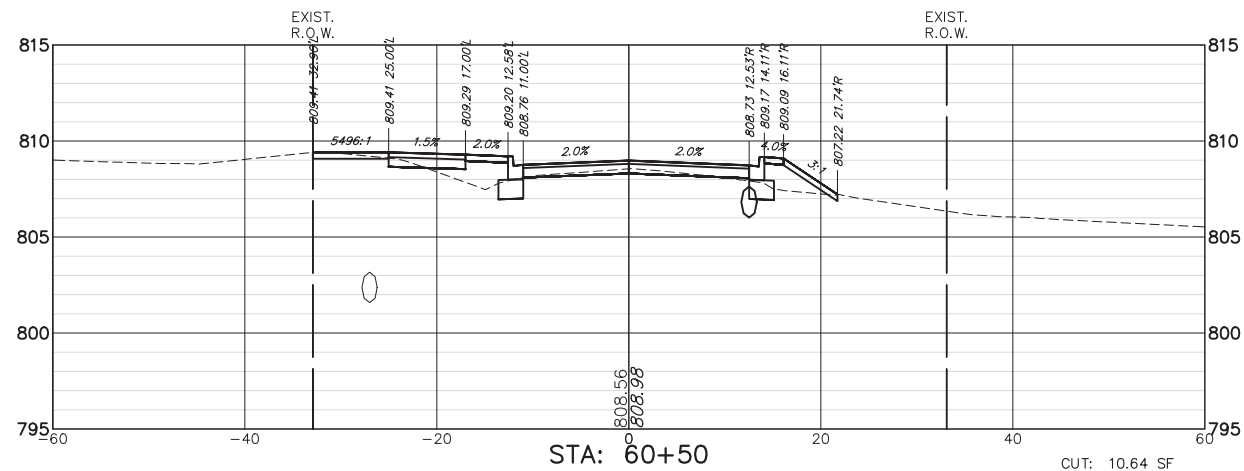
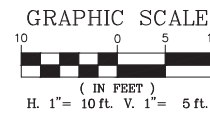
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

SCALE AS NOTED SHEET NO. 11 OF 27 SHEETS STA. 57+00.00 TO STA. 59+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	96
CONTRACT #:			61K10	
ILLINOIS FED. AID PROJECT				



FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC
DRAWN - MGFC
CHECKED - DPB
DATE - 12/18/2023

REVISED -
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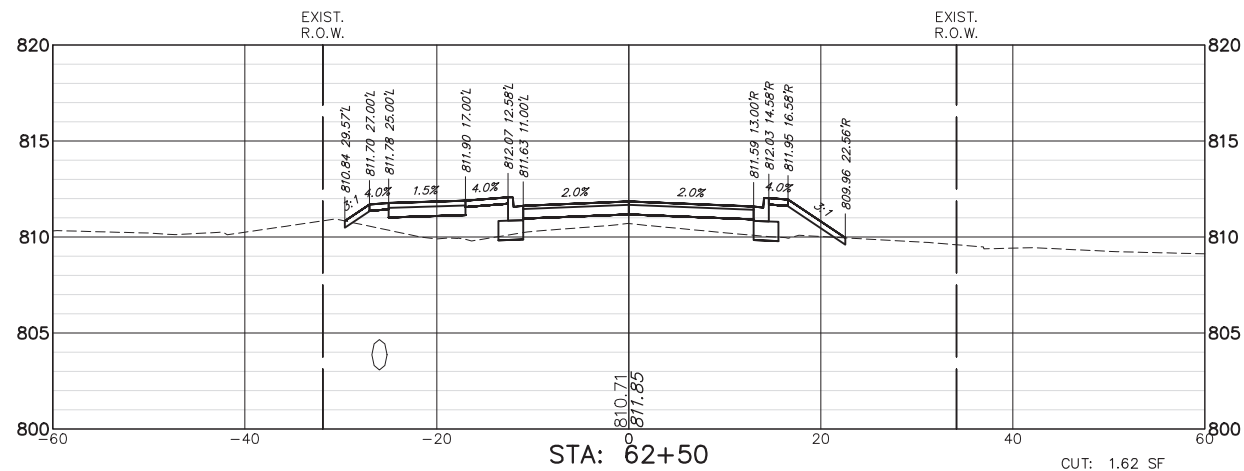
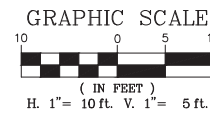
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

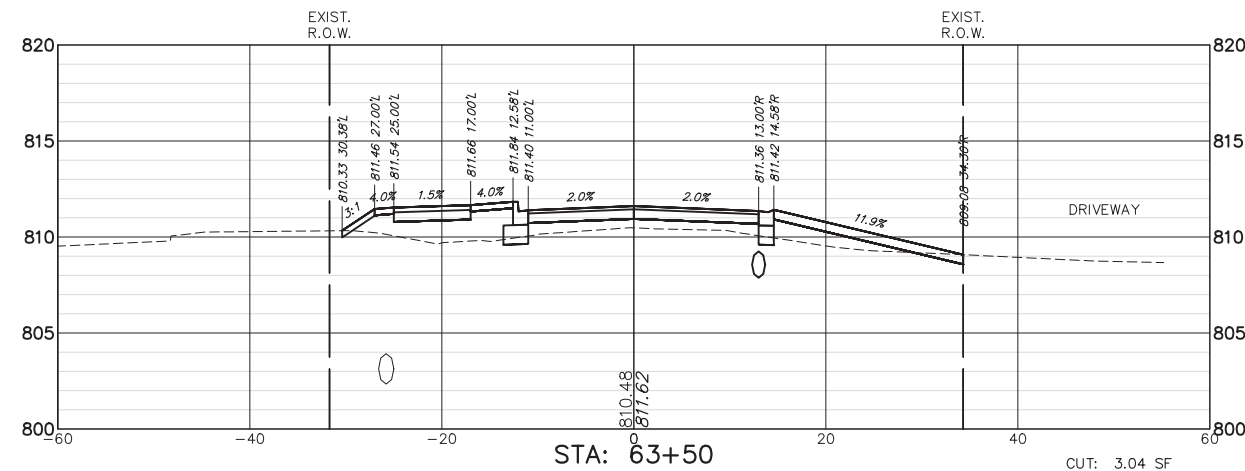
SCALE AS NOTED SHEET NO. 12 OF 27 SHEETS STA. 60+00.00 TO STA. 61+70.00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	97
CONTRACT #:			61K10	

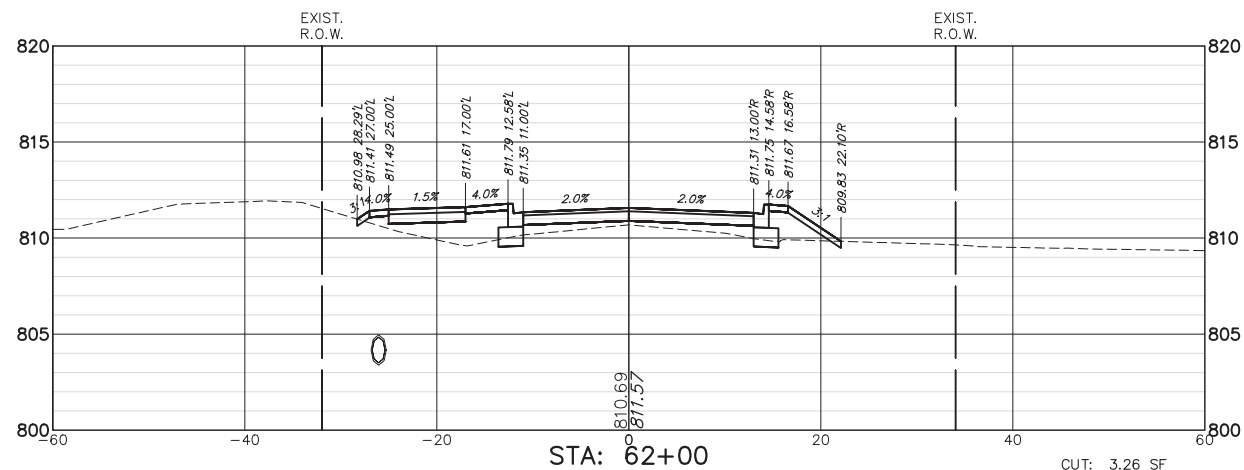
ILLINOIS FED. AID PROJECT



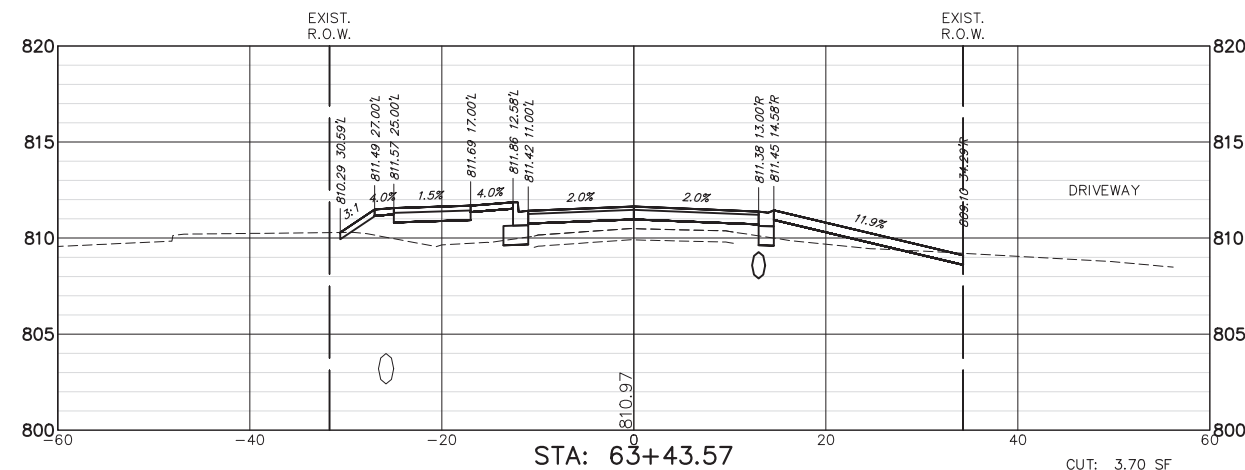
CUT: 1.62 SF
FILL: 37.38 SF



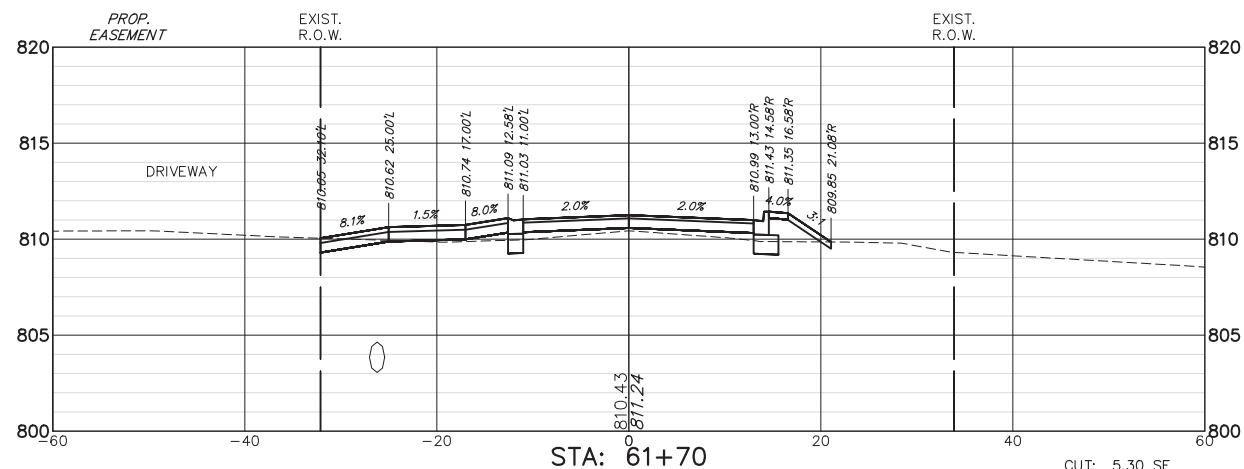
CUT: 3.04 SF
FILL: 37.10 SF



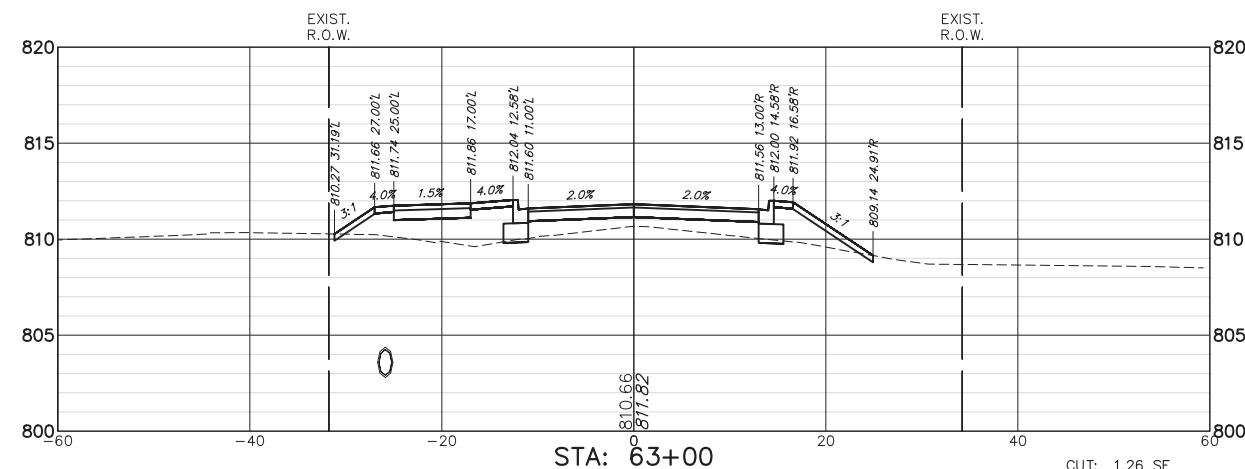
CUT: 3.26 SF
FILL: 26.31 SF



CUT: 3.70 SF
FILL: 37.22 SF



CUT: 5.30 SF
FILL: 13.04 SF



CUT: 1.26 SF
FILL: 43.23 SF

FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC
DRAWN - MGFC
CHECKED - DPB
DATE - 12/18/2023

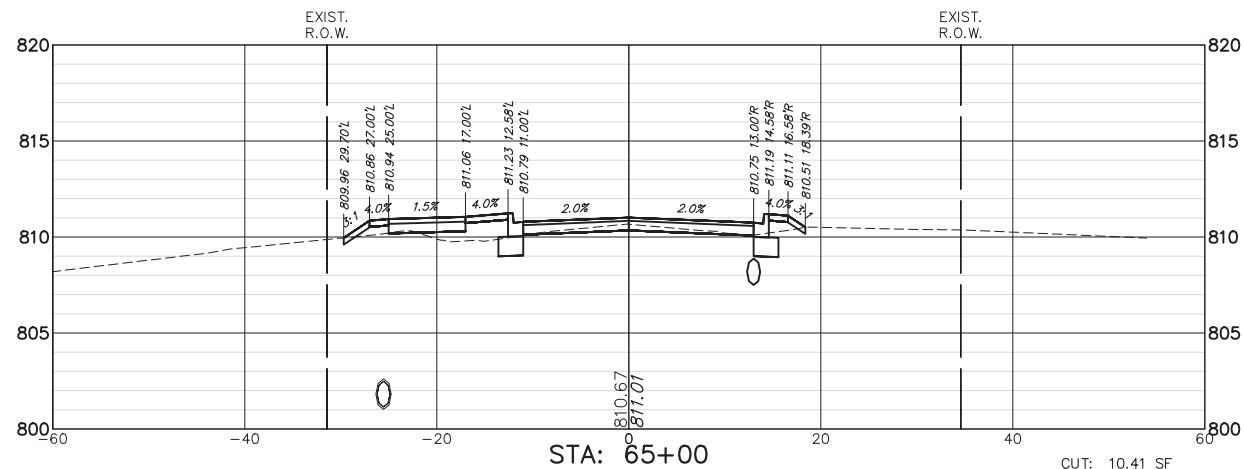
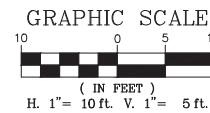
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

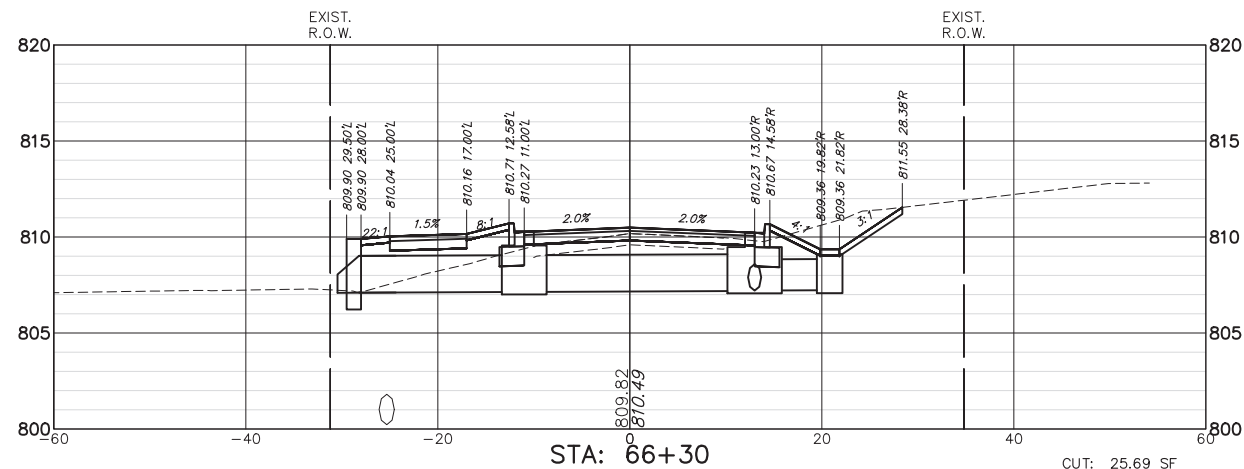
CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

SCALE AS NOTED SHEET NO. 13 OF 27 SHEETS STA. 62+00.00 TO STA. 64+00.00

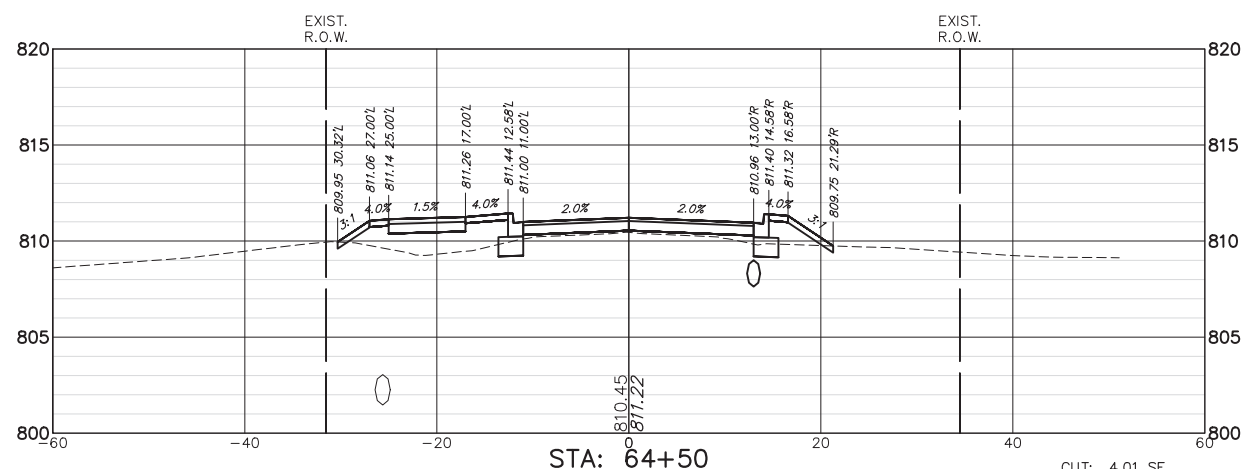
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	98
CONTRACT #:			61K10	
ILLINOIS FED. AID PROJECT				



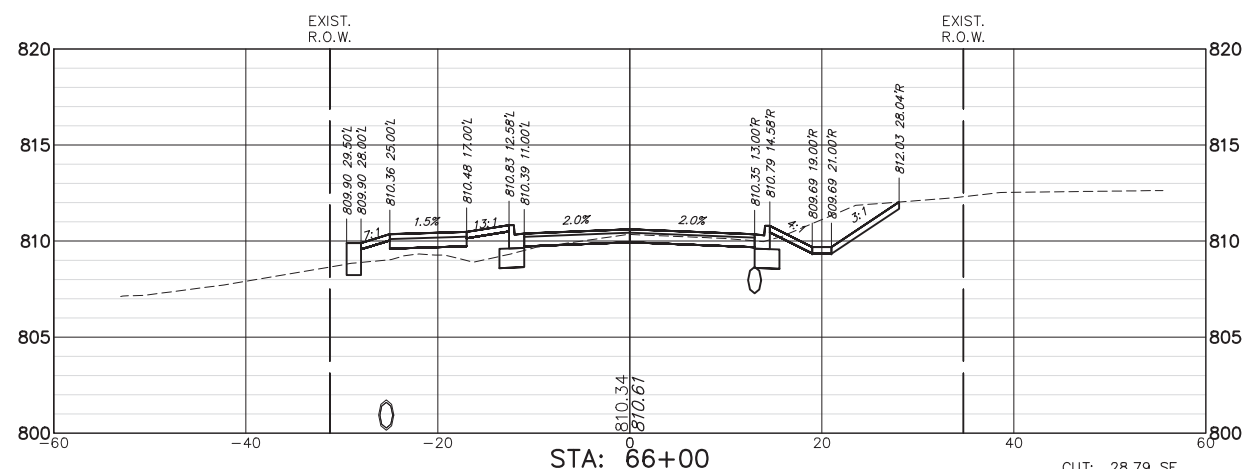
CUT: 10.41 SF
FILL: 7.02 SF



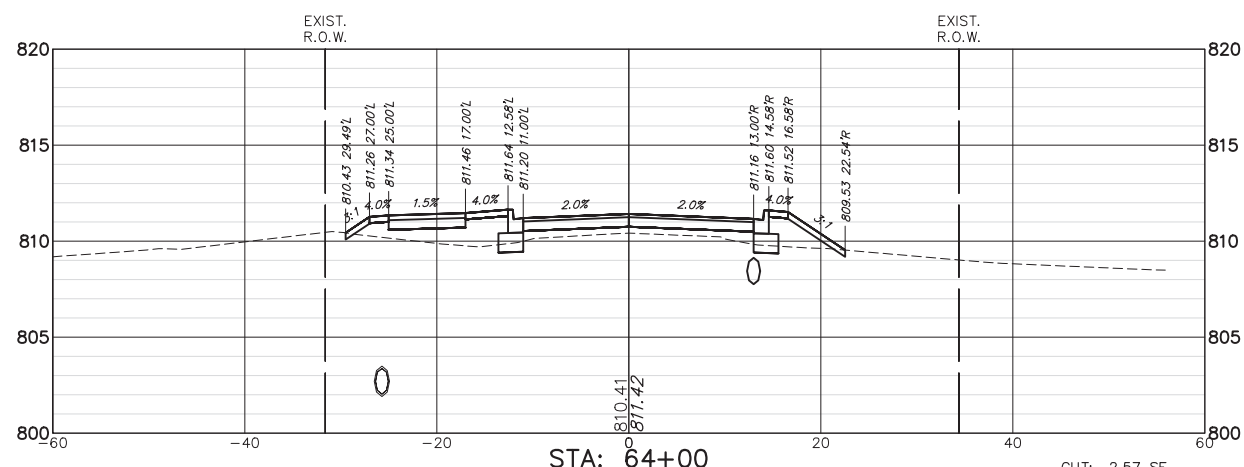
CUT: 25.69 SF
FILL: 22.59 SF



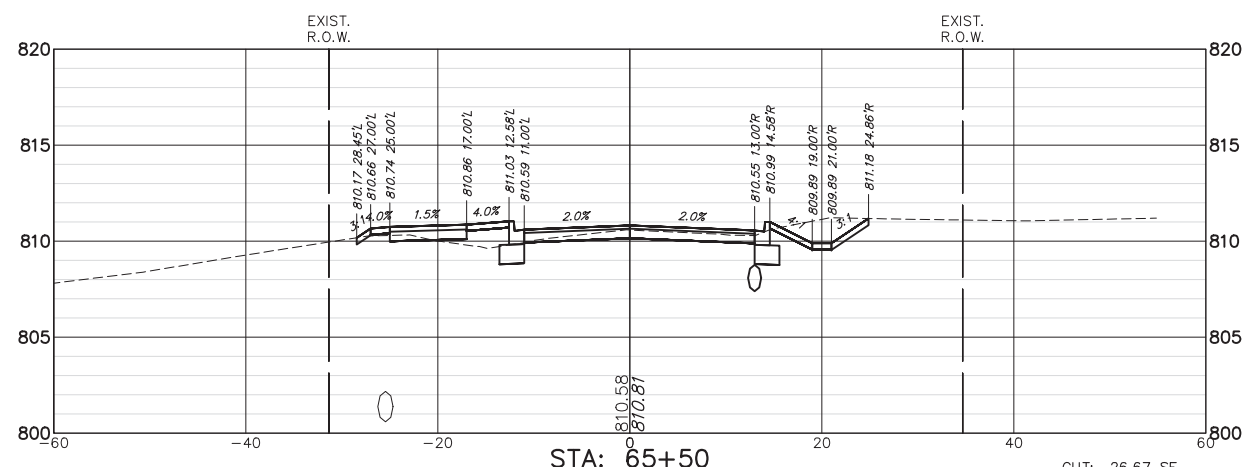
CUT: 4.01 SF
FILL: 23.40 SF



CUT: 28.79 SF
FILL: 10.70 SF



CUT: 2.57 SF
FILL: 26.80 SF



CUT: 26.67 SF
FILL: 3.81 SF

FILE NAME = 5867.200_Sht-XSEC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC
DRAWN - MGFC
CHECKED - DPB
DATE - 12/18/2023

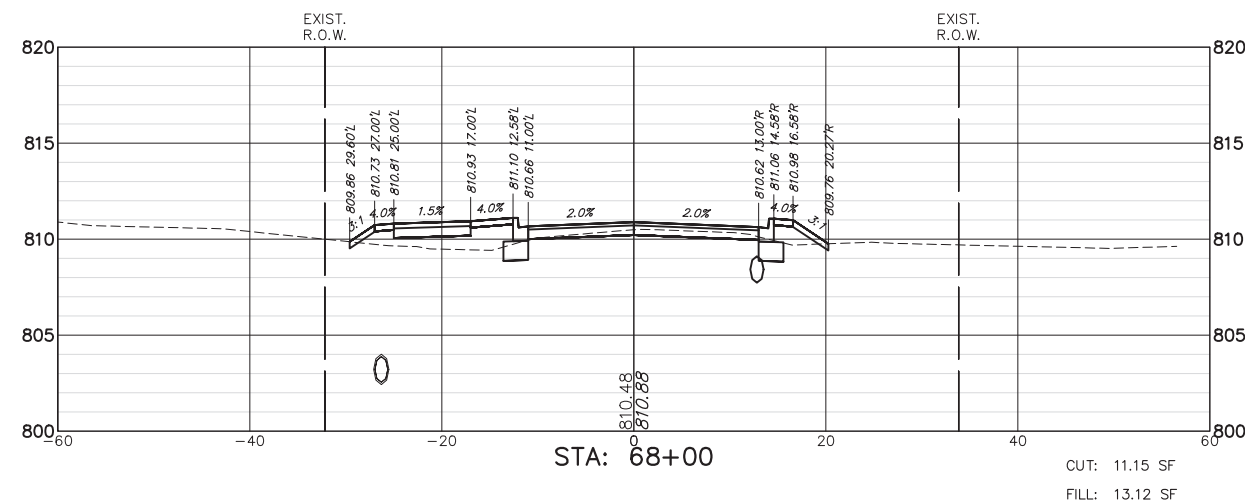
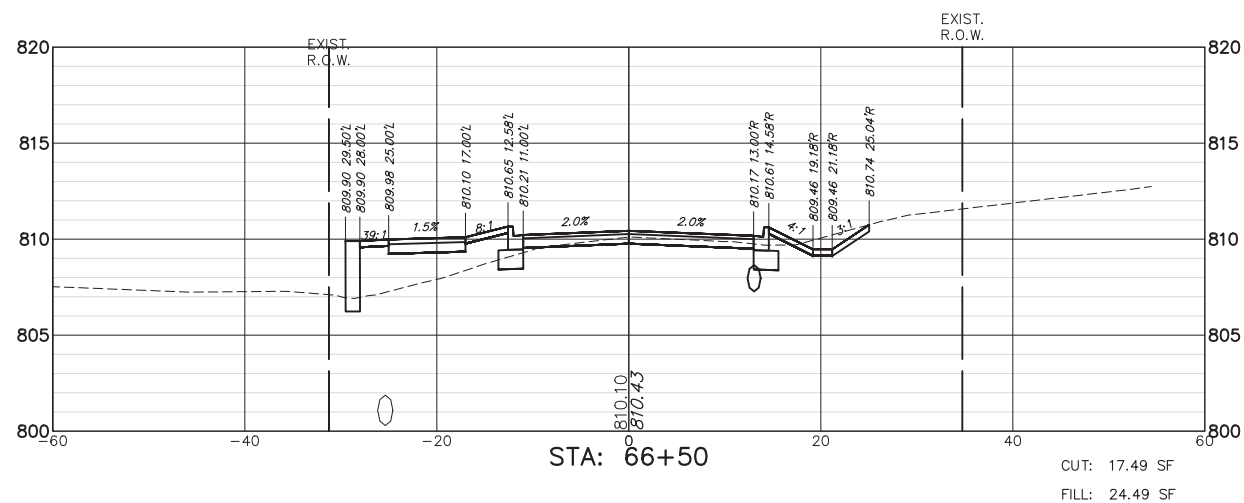
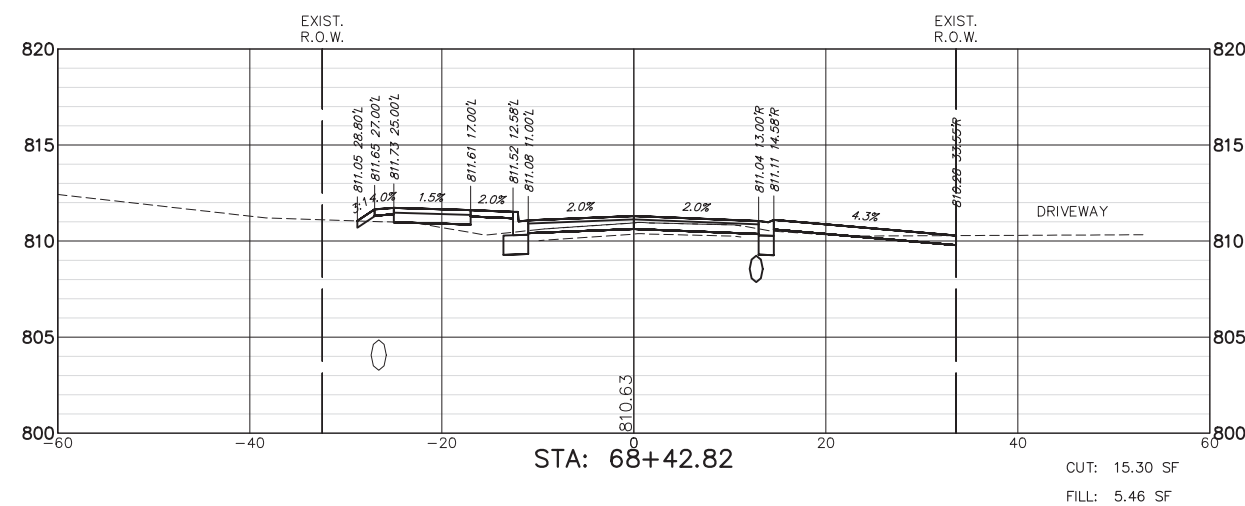
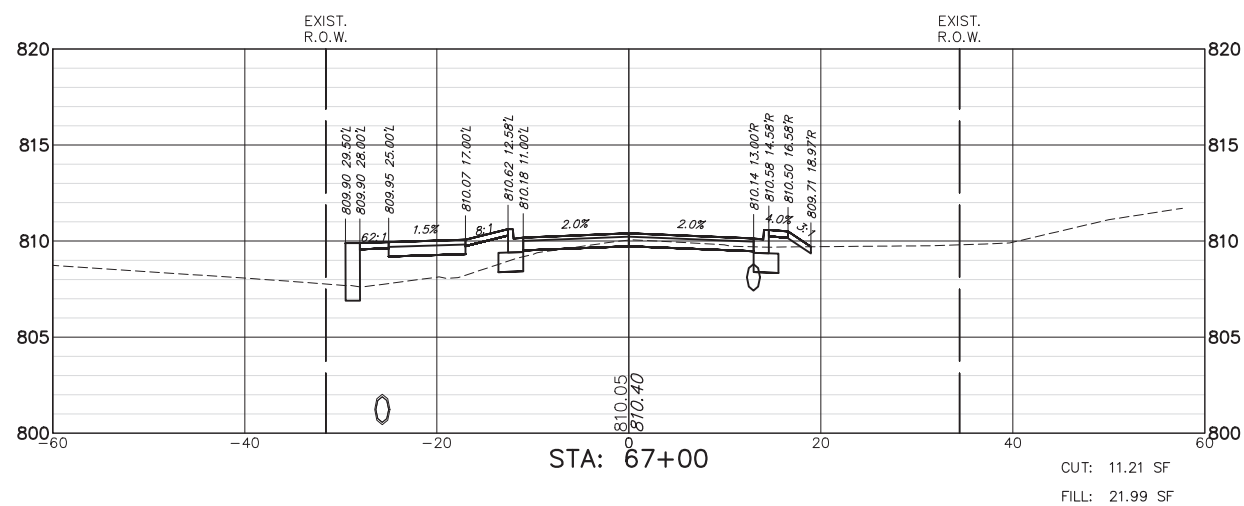
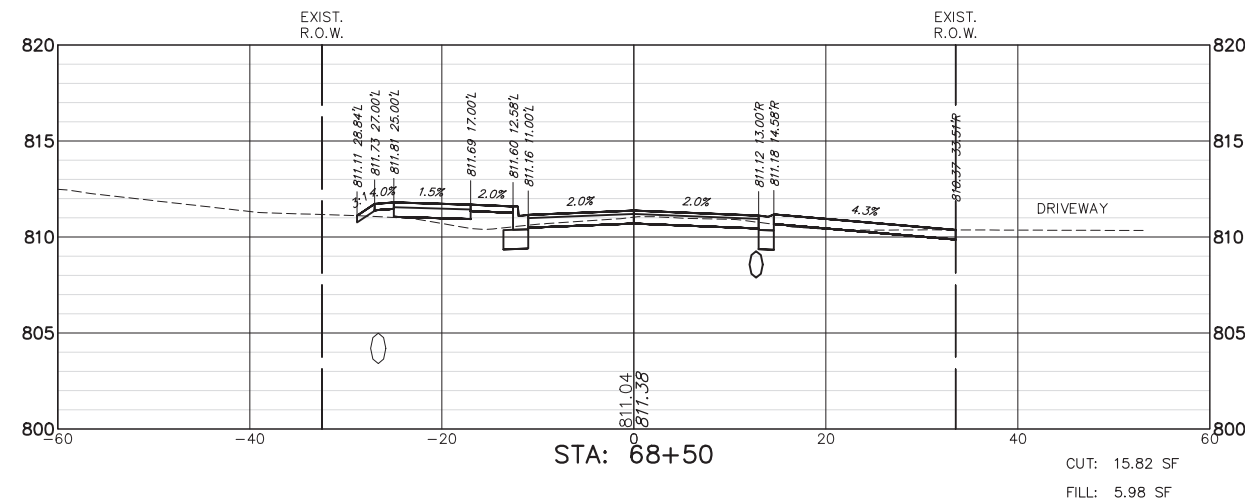
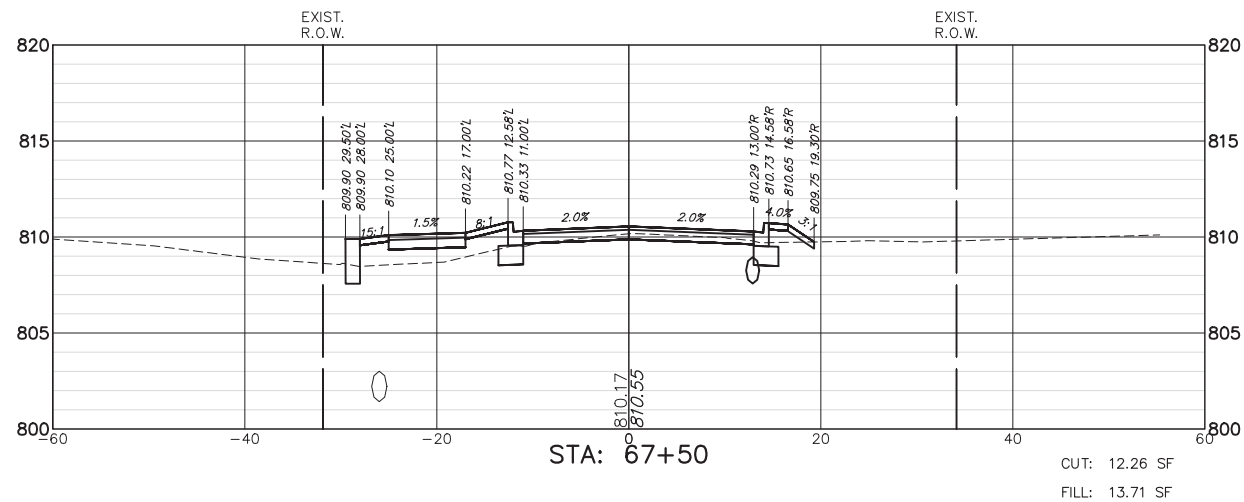
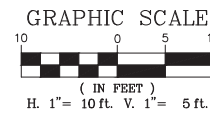
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REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS

SCALE AS NOTED SHEET NO. 14 OF 27 SHEETS STA. 64+50.00 TO STA. 66+50.00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	99
CONTRACT #			61K10	
ILLINOIS FED. AID PROJECT				



FILE NAME = 5867.200_Sht-XSec.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 12/15/2023 5:57 PM

DATE - 12/18/2023

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
FISH LAKE ROAD IMPROVEMENTS**

SCALE AS NOTED SHEET NO. 15 OF 27 SHEETS STA. 67+00.00 TO STA. 69+00.00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0163	15-08113-05-CH	LAKE	112	100
CONTRACT #:			61K10	
ILLINOIS FED. AID PROJECT				