

01-19-2024 LETTING ITEM 113

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 2692 (WOLF ROAD) FROM EDWARD ROAD /METRA STATION TO

PALATINE FRONTAGE ROAD SIDEWALK

SECTION 19-00054-00-SW

PROJECT KHCX(417)

CITY OF PROSPECT HEIGHTS

COOK COUNTY

C-91-171-22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	1
ILLINOIS CONTRACT NO. 61J53				

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

TRAFFIC DATA

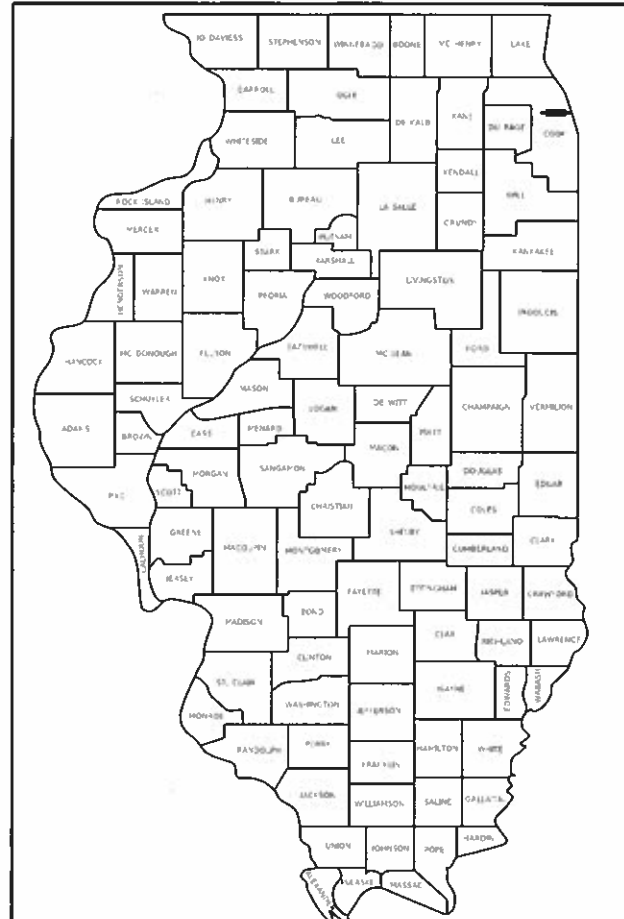
ROAD NAME: WOLF ROAD

FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL

POSTED SPEED LIMIT: 40 MPH

DESIGN SPEED: 45 MPH

ADT: 14,100 (2018)



LOCATION OF SECTION INDICATED THIS: - [Symbol] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED MARCH 6, 2023
Joseph J. Wade
CITY OF PROSPECT HEIGHTS, CITY ADMINISTRATOR

PASSED NOVEMBER 7, 2023
[Signature]
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW NOVEMBER 7, 2023
[Signature]
REGIONAL ENGINEER

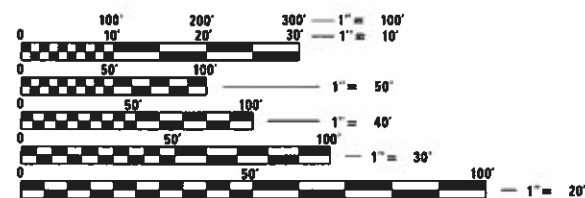
SIGNED: Michael J. Vasek
ENGINEER
DATE: MARCH 6, 2023 EXP. 11/30/2023



GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ■ Vernon Hills, IL. 60061
TEL 847.478.9700 ■ FAX 847.478.9701

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

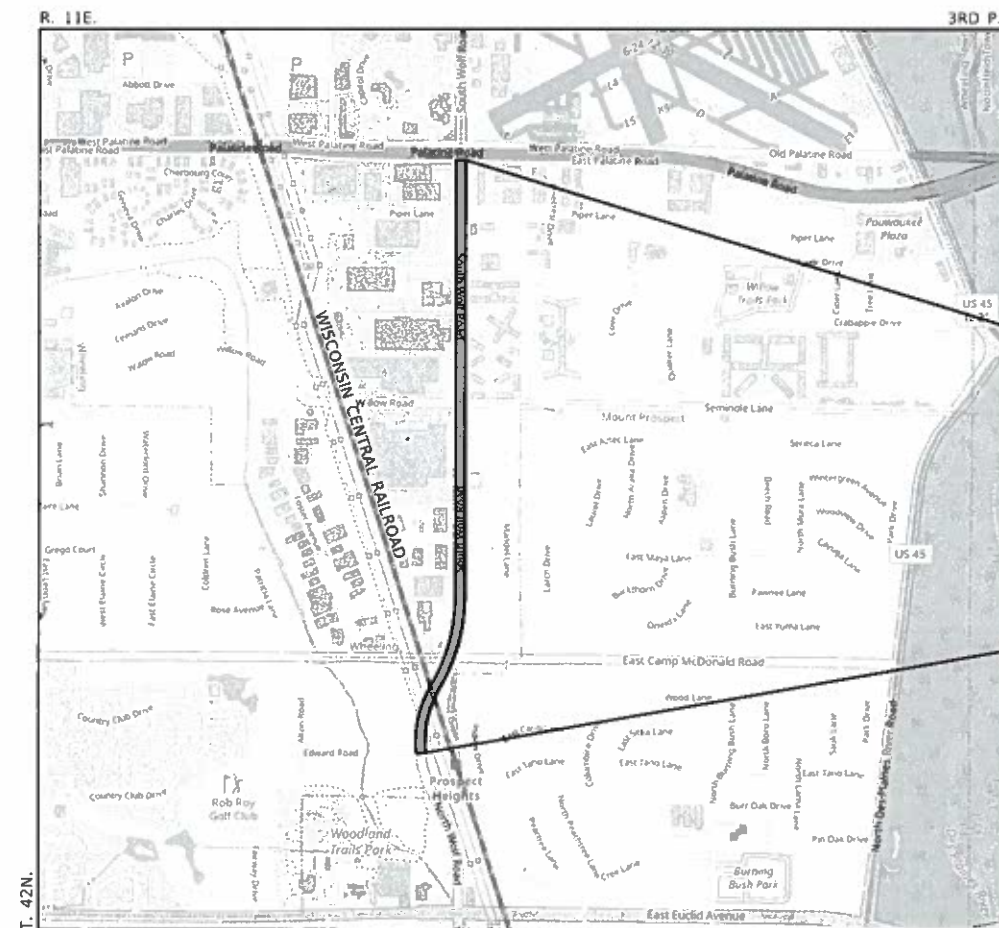


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.

• (708) 588-4055
• WMOjobStart@mwrdd.org



WHEELING TOWNSHIP LOCATION MAP

GROSS LENGTH = 6380.78 FT. = 1.21 MILE
NET LENGTH = 6380.78 FT. = 1.21 MILE

END IMPROVEMENT
WOLF ROAD
STA. 199 + 55.51

BEGIN IMPROVEMENT
WOLF ROAD
STA. 135 + 74.73

CONTRACT NO. 61J53

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GENERAL NOTES

1. 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, 2023, 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.

2. 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.

3. 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.

4. 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.

5. ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.

7. 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.

8. THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL THE 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.

9. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED. BACKFILLING VIA MECHANICAL COMPACTION PER ART. 550.07(a) SHALL BE THE ONLY ALLOWED METHOD IN THIS SCENARIO.

10. THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT Kalpana.Kannan-Hosadurga@illinois.gov A MINIMUM OF 72 HOURS BEFORE BEGINNING WORK.

11. CONTRACTOR TO ADHERE TO HIGHWAY STANDARDS TO REMOVE AND REPLACE THE EXISTING STORM SEWER, AS DEPICTED IN THE PLANS. CONTRACTOR IS TO BACKFILL ANY EXCAVATED AREAS AT THE END OF EACH WORK DAY TO ELIMINATE ANY DROP-OFF.

12. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE WISCONSIN CENTRAL RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIL FLAGMEN EMPLOYED AND DESIGNATED BY THE WISCONSIN CENTRAL RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURED ACCORDING TO ARTICLE 109.05.

13. ACCESS SHALL BE MAINTAINED TO SIDE STREETS, PRIVATE PROPERTY, AND COMMERCIAL PROPERTY AT ALL TIMES DURING CONSTRUCTION. DRIVEWAYS SHALL BE RECONSTRUCTED IN HALVES, AT MINIMUM, TO ALLOW FOR ACCESS TO THE PROPERTY.

14. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.

15. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.

16. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLE WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

UTILITY NOTES

1. UNDERGROUND WORK SHALL INCLUDE TRENCHING, DISPOSAL OF EXCESS MATERIAL, DEWATERING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION, AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. ALL SEWER SHALL BE INSTALLED USING A LASER AND BEGIN AT THE DOWNSTREAM END.

2. MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES USING A CORE DRILL. HAMMERING OR SAWING OF STRUCTURES WILL NOT BE ALLOWED.

3. ALL CONNECTIONS TO EXISTING OR DISSIMILAR STORM/SANITARY LINES SHALL BE DONE WITH STAINLESS STEEL NON-SHEAR COUPLINGS.

4. 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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, LISTING OF APPLICABLE STANDARDS, GENERAL NOTES

WOLF ROAD SIDEWALK

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	2
			CONTRACT NO. 61J53	
		ILLINOIS	FED. AID PROJECT	

A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
 * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 * CITY OF PROSPECT HEIGHTS MUNICIPAL CODE;
 * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
 * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
 2. THE CITY OF PROSPECT HEIGHTS PUBLIC WORKS MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
 3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
 3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
 4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
 5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
 6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
 7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
 8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
 9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
 10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
 2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
 3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
 4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
 5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
 6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
 7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350	ASTM D-3261,F-2620 (HEAT FUSION)
	ASTM D-3035	ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4 " TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
 9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
 10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
 11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
 a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS (MACHINE DRILL) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
 b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING MECHANICAL COUPLINGS TO HOLD IT FIRMLY IN PLACE.
 12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
 13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
 14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
 15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
 16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
 17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
 18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
 2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
 3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
 4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
 5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
 b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
 6. 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 CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
 7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL 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.
 8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
 9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
 10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
 12. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
 13. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
 14. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
 15. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
 16. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
 17. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
 18. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
 19. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
 20. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMANS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
 21. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
 22. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
 23. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
 24. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

MWRD GENERAL NOTES

FILE NAME =	USER NAME = mvasak
4755-180-sht-gennote_drainage.dgn	
4755.18	
MWRD GENERAL NOTES	

DESIGNED - MJV	REVISED -
DRAWN - PJS	REVISED -
PLOT SCALE = 1:60,0001	CHECKED - MJV
PLOT DATE = 10/2/2023	DATE - 10/2/2023
	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	3
			CONTRACT NO. 61J53	
		ILLINOIS	FED. AID PROJECT	



MODEL: MWRD_GENERAL_NOTES
FILE NAME: 4755-180-sht-gennote_drainage.dgn

	CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
					80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE	80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE
					SIDEWALK (CMAQ FUNDED) 0021	SIDEWALK (ITEP FUNDED) 0028	SIGNALS (CMAQ FUNDED) 0021	SIGNALS (ITEP FUNDED) 0028
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	66	30	36		
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	98	98			
*	20101100	TREE TRUNK PROTECTION	EACH	14	14			
*	20101400	NITROGEN FERTILIZER NUTRIENT	POUND	235	139	96		
*	20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	235	139	96		
*	20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	235	139	96		
	20200100	EARTH EXCAVATION	CU YD	890	425	465		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1330	710	620		
	20400800	FURNISHED EXCAVATION	CU YD	1090	325	765		
	20800150	TRENCH BACKFILL	CU YD	1675	422	1,253		
	21101600	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	12561	7,450	5,111		
*	25000110	SEEDING, CLASS 1A	ACRE	3.0	1.7	1.3		
*	25100630	EROSION CONTROL BLANKET	SQ YD	12561	7,450	5,111		
*	25200200	SUPPLEMENTAL WATERING	UNIT	0.5	0.3	0.2		
	28000305	TEMPORARY DITCH CHECKS	FOOT	1480	810	670		
	28000400	PERIMETER EROSION BARRIER	FOOT	4803	2,604	2,199		

- CONSTRUCTION TYPE CODE 0042 * SPECIALTY ITEM



MODEL: Default
FILE NAME: 4755-180-SW-500 1.dgn

FILE NAME = 4755-180-SW-500 1.dgn
PLOT SCALE = 1:2
PLOT DATE = 12/1/2023

USER NAME = mvasak	DESIGNED - MJV	REVISED -
DRAWN - PJS	CHECKED - MJV	REVISED -
DATE - 12/1/2023	REVISIONS	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD SIDEWALK

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61153	

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
				80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE	80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE
				SIDEWALK (CMAQ FUNDED) 0021	SIDEWALK (ITEP FUNDED) 0028	SIGNALS (CMAQ FUNDED) 0021	SIGNALS (ITEP FUNDED) 0028
28000510	INLET FILTERS	EACH	122	82	40		
28100107	STONE RIPRAP, CLASS A4	SQ YD	50	50			
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	3669	2,107	1,562		
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	949	949			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	1156	398	758		
* 40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	236	151	85		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	209	209			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	277	45	232		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	28560	16,806	11,754		
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1638	1,638			
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	2835	522	2,313		
42400800	DETECTABLE WARNINGS	SQ FT	231	169	62		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3875	1,351	2,524		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1297	391	906		
44000600	SIDEWALK REMOVAL	SQ FT	1033	518	515		
44004250	PAVED SHOULDER REMOVAL	SQ YD	115	115			

- CONSTRUCTION TYPE CODE 0042 * SPECIALTY ITEM



MODEL: Default
FILE NAME: 4755-180-sm-500 2.dgn

FILE NAME **
4755-180-sm-500 2.dgn
4755.18
Default

USER NAME ** mvasak	DESIGNED - MIV	REVISED -
PLOT SCALE ** 1:2	CHECKED - MIV	REVISED -
PLOT DATE ** 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD SIDEWALK

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2092	19-00054-00-SW	COOK	158	5
CONTRACT NO. 61153			ILLINOIS / FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
				80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE	80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE
				SIDEWALK (CMAQ FUNDED) 0021	SIDEWALK (ITEP FUNDED) 0028	SIGNALS (CMAQ FUNDED) 0021	SIGNALS (ITEP FUNDED) 0028
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2			
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1			
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	1	1			
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	2		2		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	219	124	95		
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1884	1,884			
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	391	166	225		
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	693	343	350		
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	95	95			
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	646		646		
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	878		878		
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	130	130			
55100300	STORM SEWER REMOVAL 8"	FOOT	22	22			
55100400	STORM SEWER REMOVAL 10"	FOOT	77	77			
55100500	STORM SEWER REMOVAL 12"	FOOT	254	254			

- CONSTRUCTION TYPE CODE 0042 * SPECIALTY ITEM



FILE NAME = 4755-180-shl-500 3.dgn
 MODEL = Default
 FILE NAME = 4755-180-shl-500 3.dgn

FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755-180-shl-500 3.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MJV	REVISED -
Default		DATE - 12/4/2023	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
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SUMMARY OF QUANTITIES WOLF ROAD SIDEWALK			
SCALE: NONE	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	6
CONTRACT NO. 61J53				

ILLINOIS FED. AID PROJECT				
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CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
				80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE	80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE
				SIDEWALK (CMAQ FUNDED) 0021	SIDEWALK (ITEP FUNDED) 0028	SIGNALS (CMAQ FUNDED) 0021	SIGNALS (ITEP FUNDED) 0028
55100700	STORM SEWER REMOVAL 15"	FOOT	519	382	137		
55101200	STORM SEWER REMOVAL 24"	FOOT	324	107	217		
55101400	STORM SEWER REMOVAL 30"	FOOT	93	93			
55101600	STORM SEWER REMOVAL 36"	FOOT	122	13	109		
55101800	STORM SEWER REMOVAL 42"	FOOT	429		429		
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	25	25			
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1			
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	1	1		
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2		
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2	1	1		
60204805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2			
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	9	1	8		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	1	4		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		4		
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	1	4		

- CONSTRUCTION TYPE CODE 0042 * SPECIALTY ITEM



MODEL: Default
FILE NAME: 4755-180-SHT-S00 4.dgn

FILE NAME = 4755-180-SHT-S00 4.dgn	USER NAME = mvassak	DESIGNED - MJV	REVISED -
4755.18	PLOT SCALE = 1:1	DRAWN - PIS	REVISED -
Default	PLOT DATE = 12/4/2023	CHECKED - MJV	REVISED -
		DATE - 12/4/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD SIDEWALK

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	7
CONTRACT NO. 61J53			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
				80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE	80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE
				SIDEWALK (CMAQ FUNDED) 0021	SIDEWALK (ITEP FUNDED) 0028	SIGNALS (CMAQ FUNDED) 0021	SIGNALS (ITEP FUNDED) 0028
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	3	3			
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1		1		
60255500	MANHOLES TO BE ADJUSTED	EACH	1		1		
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2		2		
60500040	REMOVING MANHOLES	EACH	5	4	1		
60500050	REMOVING CATCH BASINS	EACH	5	4	1		
60500060	REMOVING INLETS	EACH	2	1	1		
60600605	CONCRETE CURB, TYPE B	FOOT	336	207	129		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1381	662	719		
63200310	GUARDRAIL REMOVAL	FOOT	636		636		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2123	896	1,227		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	3	3		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.5	0.5		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.5	0.5		
* 66901005	ENGINEERED BARRIER	SQ YD	810		810		

- CONSTRUCTION TYPE CODE 0042

* SPECIALTY ITEM

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
 FILE NAME: 4755-180-4ht-500 5.dgn

FILE NAME = 4755-180-4ht-500 5.dgn	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755.18		DRAWN - PJS	REVISED -
Default		CHECKED - MJV	REVISED -
		DATE - 12/4/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
WOLF ROAD SIDEWALK			
SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 8
CONTRACT NO. 61J53			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
				80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE	80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE
				SIDEWALK (CMAQ FUNDED) 0021	SIDEWALK (ITEP FUNDED) 0028	SIGNALS (CMAQ FUNDED) 0021	SIGNALS (ITEP FUNDED) 0028
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	16	7	9		
67100100	MOBILIZATION	L SUM	1	0.5	0.5		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.5		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1		1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.5	0.5		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	230	115	115		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	699	432	267		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	233	144	89		
72000100	SIGN PANEL - TYPE 1	SQ FT	17			6	11
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	6				6
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62	16	46		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	72	72			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	565	373	192		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	649	424	225		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	134	59	75		

- CONSTRUCTION TYPE CODE 0042

* SPECIALTY ITEM



MODEL: Default
FILE NAME: 4755-180-shi-500 6.dgn

FILE NAME = 4755-180-shi-500 6.dgn
4755.18
Default

USER NAME = mvasak	DESIGNED - MJV	REVISED -
PLOT SCALE = 1:1	DRAWN - PJS	REVISED -
PLOT DATE = 12/4/2023	CHECKED - MJV	REVISED -
	DATE - 12/4/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD SIDEWALK

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	9
			CONTRACT NO. 61J53	
ILLINOIS FED. AID PROJECT				

	CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
					80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE	80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE
					SIDEWALK (CMAQ FUNDED) 0021	SIDEWALK (ITEP FUNDED) 0028	SIGNALS (CMAQ FUNDED) 0021	SIGNALS (ITEP FUNDED) 0028
*	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	12		12		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	405	299	106		
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	77			42	35
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4			2	2
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1074			668	406
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1130			696	434
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	87			48	39
*	87900200	DRILL EXISTING HANDHOLE	EACH	5			3	2
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2				2
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6			2	4
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2				2
*	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	3			2	1
*	89502200	MODIFY EXISTING CONTROLLER	EACH	3			1	2
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3			1	2
*	89502376	REBUILD EXISTING HANDHOLE	EACH	4			2	2
*	A2004716	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	4	2		

- CONSTRUCTION TYPE CODE 0042

* SPECIALTY ITEM



MODEL: Default
FILE NAME: 4755-180-SHT-S00 7.dgn

USER NAME = mvasak
DESIGNED - MJV
DRAWN - PIS
CHECKED - MJV
PLOT DATE = 12/4/2023

REVISIONS
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD SIDEWALK

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	10
CONTRACT NO. 61J53			ILLINOIS FED. AID PROJECT	

	CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
					80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE	80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE
					SIDEWALK (CMAQ FUNDED) 0021	SIDEWALK (ITEP FUNDED) 0028	SIGNALS (CMAQ FUNDED) 0021	SIGNALS (ITEP FUNDED) 0028
*	A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	4	2		
*	K0036120	MULCH PLACEMENT, 4"	SQ YD	70	70			
*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR	POUND	2	1	1		
	X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	46		46		
	X0321690	BRICK WALL REMOVAL	FOOT	34	18	16		
	X0322869	REMOVE TIMBER RETAINING WALL	L SUM	1	1			
	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	6	5	1		
	X0326275	RAILROAD RIGHT-OF-WAY ENTRY PERMIT	EACH	1	1			
	X0327036	BIKE PATH REMOVAL	SQ YD	111	111			
	X0327727	PLANTER REMOVAL	L SUM	1	1			
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	5			3	2
*	X1400388	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	3			2	1
	X1700085	CLASS D PATCHES, TYPE IV, 14 INCH (SPECIAL)	SQ YD	87	58	29		
	X2010505	CLEARING, SPECIAL	L SUM	1	0.5	0.5		
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	21	21			
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	14	3	11		

- CONSTRUCTION TYPE CODE 0042 * SPECIALTY ITEM

GHA GENWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
FILE NAME: 4755-18D-shi-500 B.dwg
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Default

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PLOT DATE = 12/4/2023	DATE - 12/4/2023		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES WOLF ROAD SIDEWALK			
SCALE: NONE	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 11
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
				80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE	80% FEDERAL / 20% CITY OF PROSPECT HEIGHTS	80% FEDERAL / 20% STATE
				SIDEWALK (CMAQ FUNDED) 0021	SIDEWALK (ITEP FUNDED) 0028	SIGNALS (CMAQ FUNDED) 0021	SIGNALS (ITEP FUNDED) 0028
X4404000	PARKING LOT PAVEMENT REMOVAL	SQ YD	437	271	166		
X4420819	CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)	SQ YD	42	42			
X5220102	RETAINING WALL REMOVAL	FOOT	45		45		
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	11	4	7		
X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1			
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	6		6		
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	4	2	2		
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	12			6	6
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20			12	8
XX008824	CATCH BASINS, SPECIAL	EACH	1		1		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5		
* Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	3			1	2
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	127	51	76		
Z0042300	PORTLAND CEMENT CONCRETE SIDEWALK CURB	FOOT	30		30		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1			
# Z0076600	TRAINEES	HOUR	500	250	250		
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	250	250		

- CONSTRUCTION TYPE CODE 0042 * SPECIALTY ITEM



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		DATE - 12/4/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 WOLF ROAD SIDEWALK

SCALE: NONE SHEET OF SHEETS STA. TO STA.

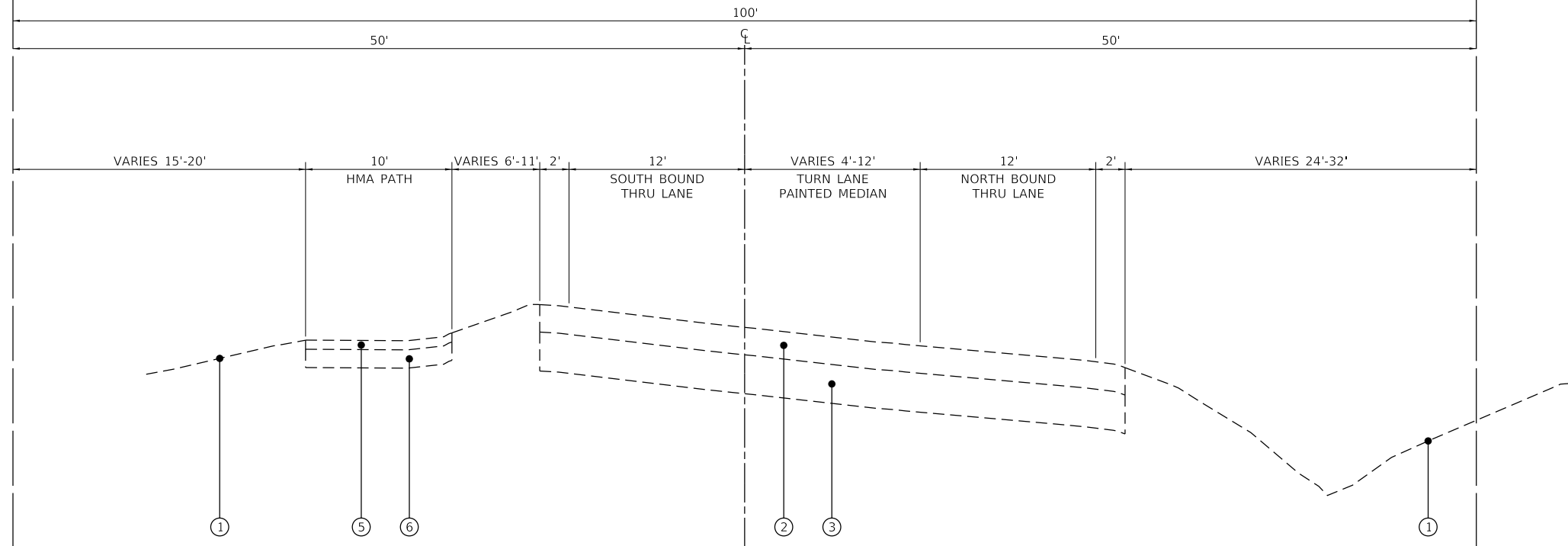
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	12
CONTRACT NO. 61J53			ILLINOIS FED. AID PROJECT	

EXIST.
WEST
R.O.W.

EXIST.
EAST
R.O.W.

LEGEND

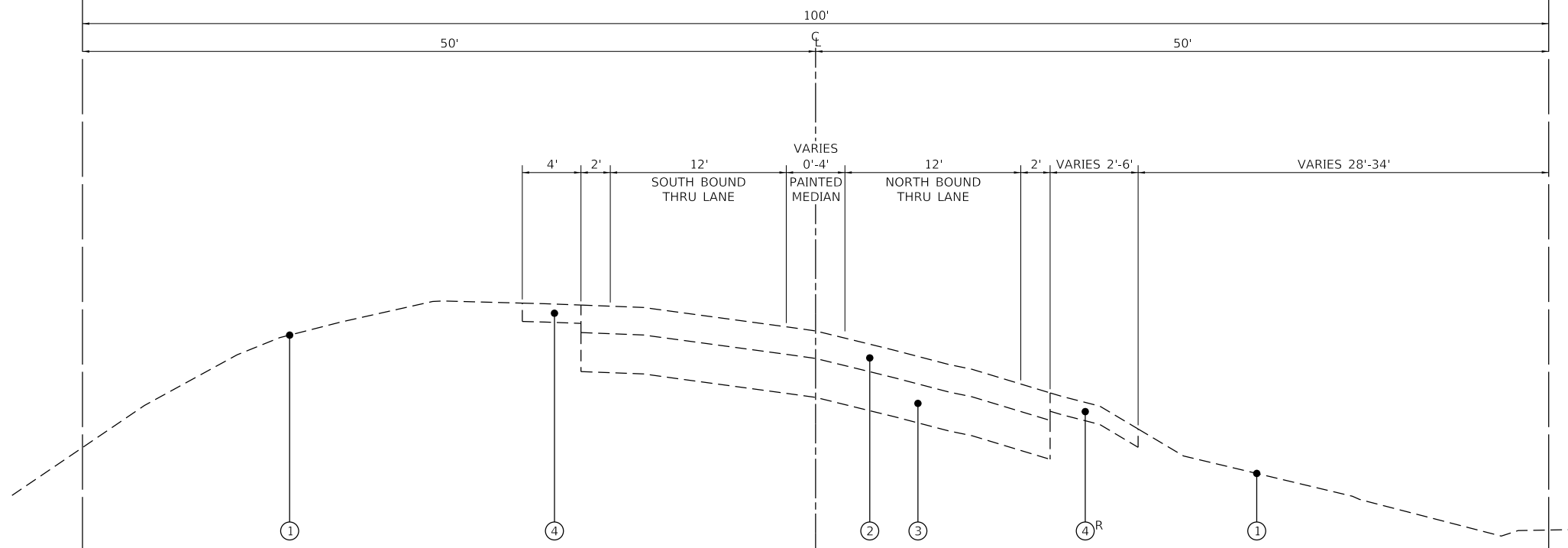
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- ② EXISTING HMA PAVEMENT
- ③ EXISTING AGGREGATE SUBGRADE
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HMA PATH
- ⑥ EXISTING AGGREGATE BASE COURSE
- ⑦ EXISTING COMBINATION CONCRETE CURB & GUTTER
- ^R ITEM TO BE REMOVED



WOLF ROAD
EXISTING TYPICAL SECTION
STA. 137+99.17 TO STA. 142+12.16

EXIST.
WEST
R.O.W.

EXIST.
EAST
R.O.W.



WOLF ROAD
EXISTING TYPICAL SECTION
STA. 137+20.61 TO STA. 137+99.17
STA. 142+12.16 TO STA. 142+31.61

GHA GEWALT HAMILTON ASSOCIATES, INC.

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PLOT SCALE =	1:5
PLOT DATE =	5/25/2023

DESIGNED -	MJV
DRAWN -	PJS
CHECKED -	MJV
DATE -	5/24/2023

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REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

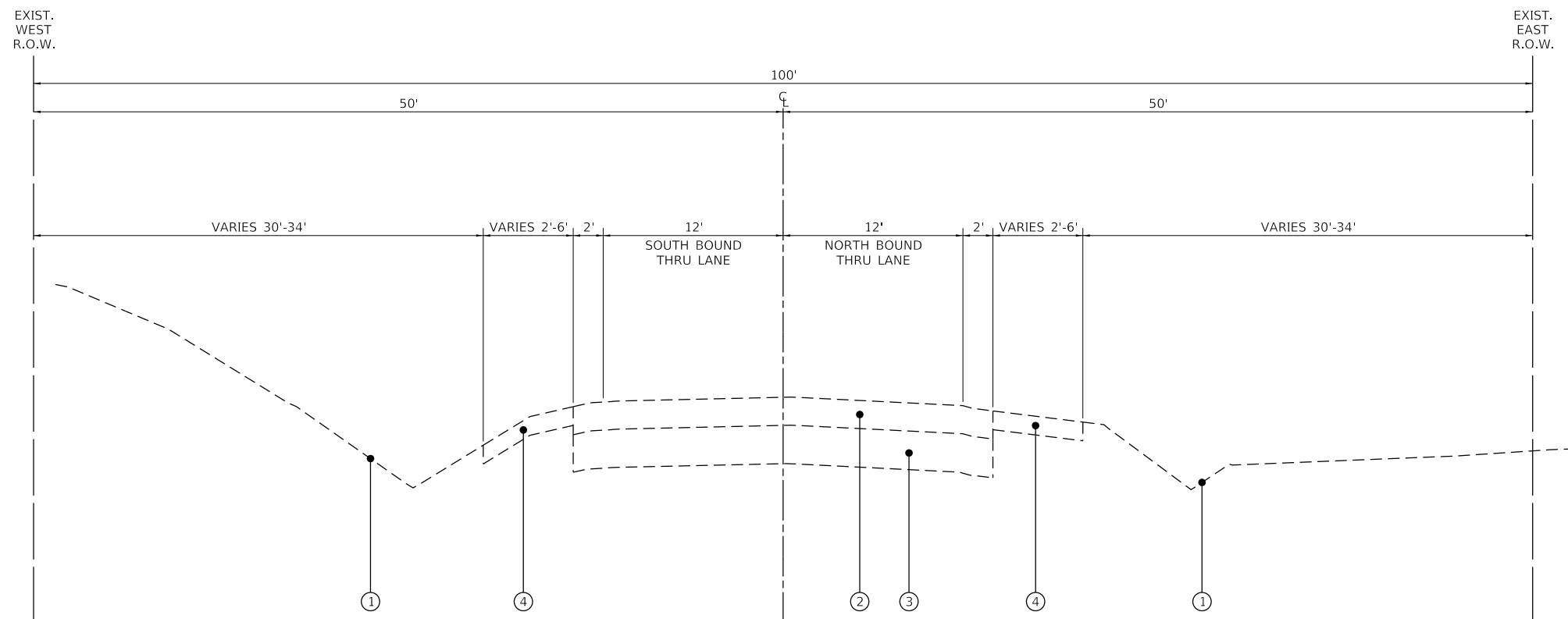
EXISTING TYPICAL SECTIONS
WOLF ROAD SIDEWALK

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	13
CONTRACT NO. 61J53			ILLINOIS FED. AID PROJECT	

LEGEND

- ① EXISTING GROUND SURFACE
- ② EXISTING HMA PAVEMENT
- ③ EXISTING AGGREGATE SUBGRADE
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HMA PATH
- ⑥ EXISTING AGGREGATE BASE COURSE
- ⑦ EXISTING COMBINATION CONCRETE CURB & GUTTER
- Ⓐ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- Ⓑ PROPOSED AGGREGATE BASE COURSE, TYPE B 4"
- Ⓒ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- Ⓓ PROPOSED TOP SOIL FURNISH AND PLACE, 4", SEEDING, CLASS 1A PHOSPHORUS FERTILIZER NUTRIENT, NITROGEN FERTILIZER NUTRIENT, AND POTASSIUM FERTILIZER NUTRIENT



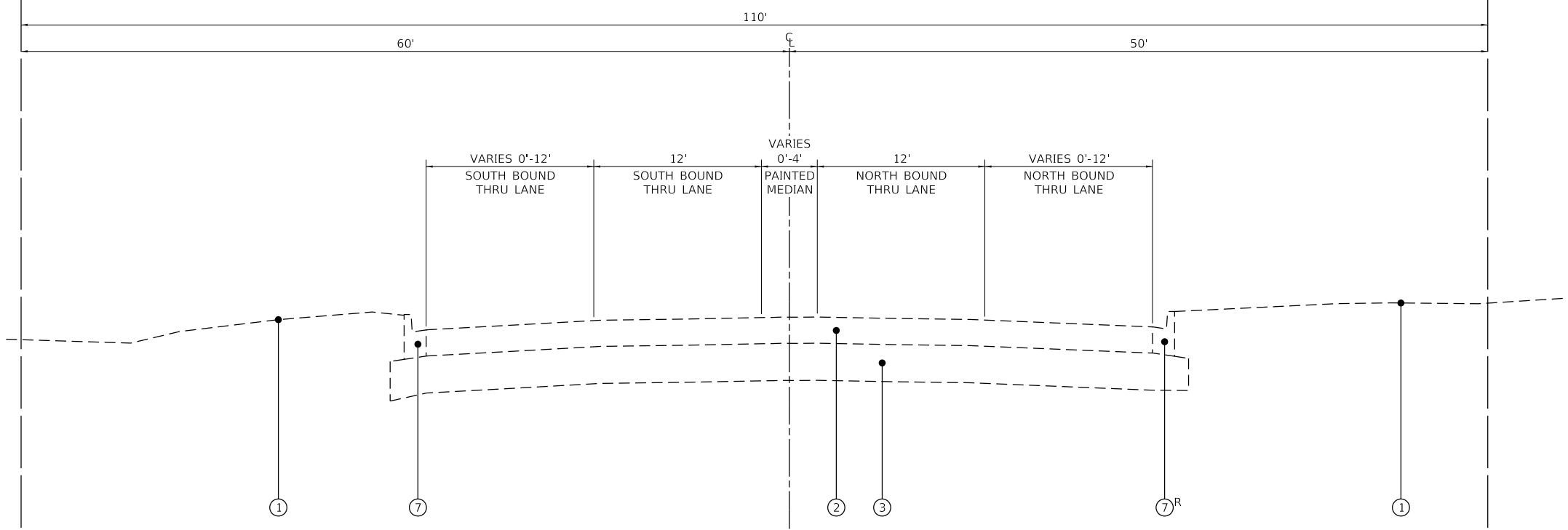
WOLF ROAD
EXISTING TYPICAL SECTION
 STA. 142+31.61 TO STA. 147+92.84
 STA. 149+59.56 TO STA. 173+79.90

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	14
			CONTRACT NO. 61J53	
		ILLINOIS	FED. AID PROJECT	

EXIST.
WEST
R.O.W.

EXIST.
EAST
R.O.W.



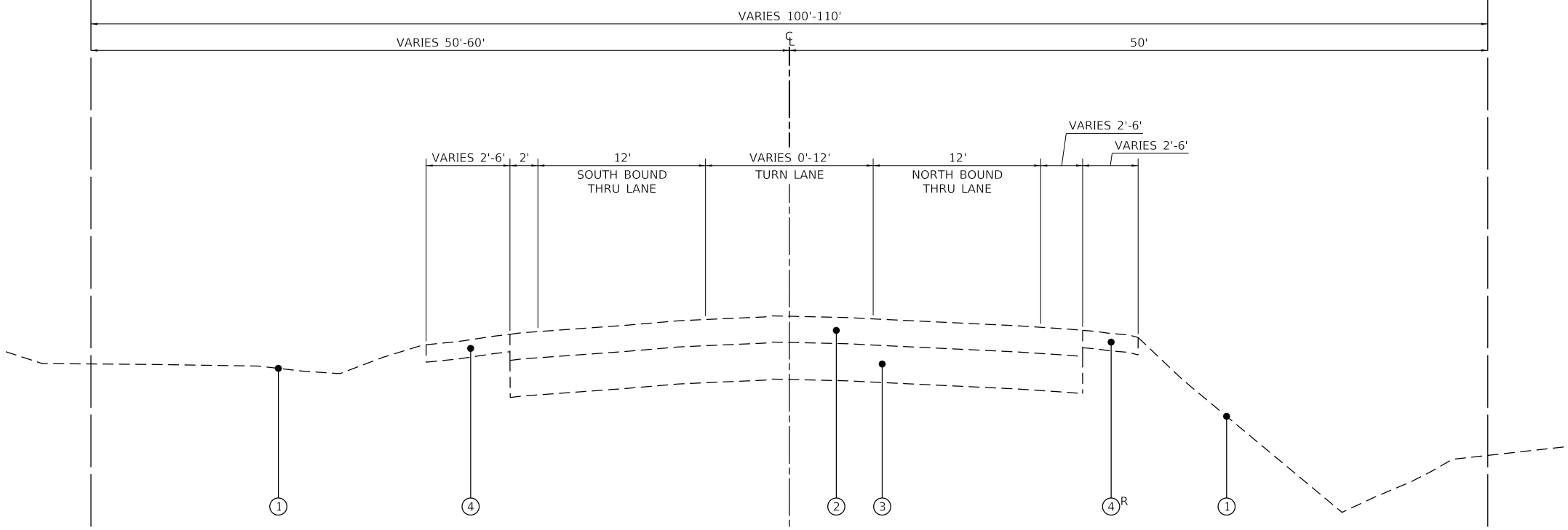
WOLF ROAD
EXISTING TYPICAL SECTION
STA. 191+94.36 TO STA. 199+28.70

LEGEND

- ① EXISTING GROUND SURFACE
- ② EXISTING HMA PAVEMENT
- ③ EXISTING AGGREGATE SUBGRADE
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HMA PATH
- ⑥ EXISTING AGGREGATE BASE COURSE
- ⑦ EXISTING COMBINATION CONCRETE CURB & GUTTER
- Ⓐ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- Ⓑ PROPOSED AGGREGATE BASE COURSE, TYPE B 4"
- Ⓒ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- Ⓓ PROPOSED TOP SOIL FURNISH AND PLACE, 4", SEEDING, CLASS 1A PHOSPHORUS FERTILIZER NUTRIENT, NITROGEN FERTILIZER NUTRIENT, AND POTASSIUM FERTILIZER NUTRIENT

EXIST.
WEST
R.O.W.

EXIST.
EAST
R.O.W.



WOLF ROAD
EXISTING TYPICAL SECTION
STA. 174+37.19 TO STA. 191+94.36

GHA GEWALT HAMILTON ASSOCIATES, INC.

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PLOT DATE = 5/25/2023	DATE - 5/24/2023	REVISOR -

REVISOR -	DESIGNED - MJV
REVISOR -	DRAWN - PJS
REVISOR -	CHECKED - MJV
REVISOR -	DATE - 5/24/2023

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS			
WOLF ROAD SIDEWALK			
SCALE: H: 1"=5'	SHEET	OF SHEETS	STA. TO STA.

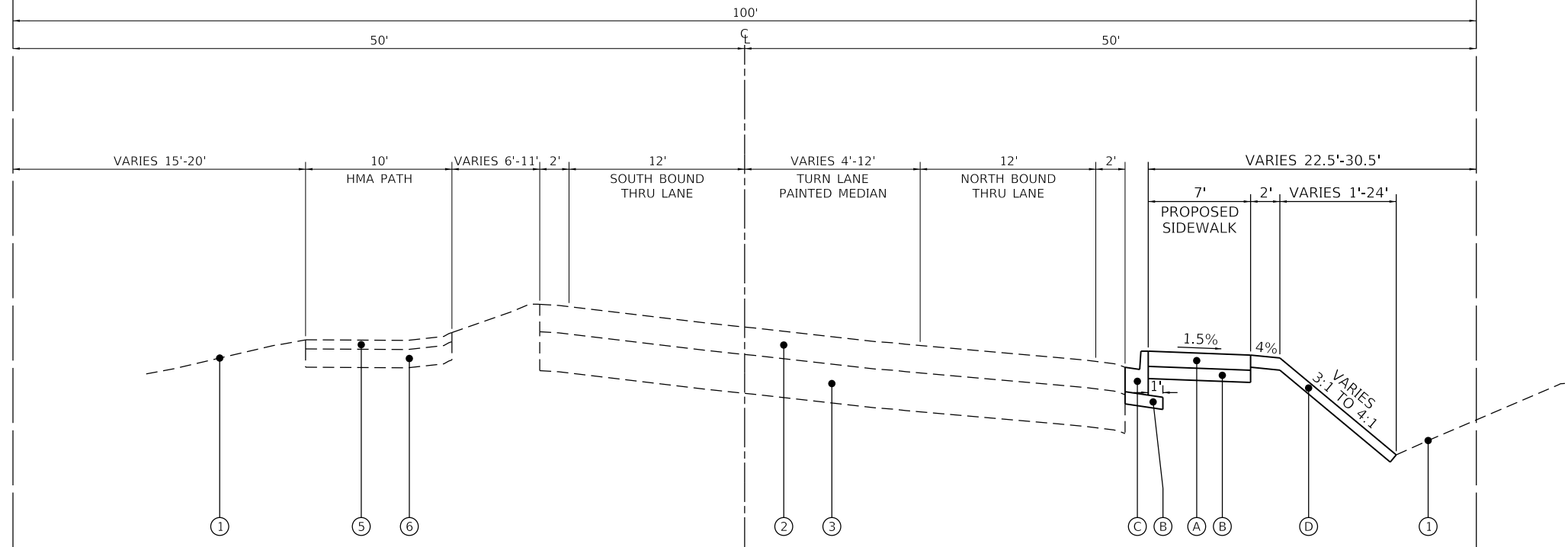
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	15
				CONTRACT NO. 61J53
				ILLINOIS FED. AID PROJECT

EXIST. WEST R.O.W.

EXIST. EAST R.O.W.

LEGEND

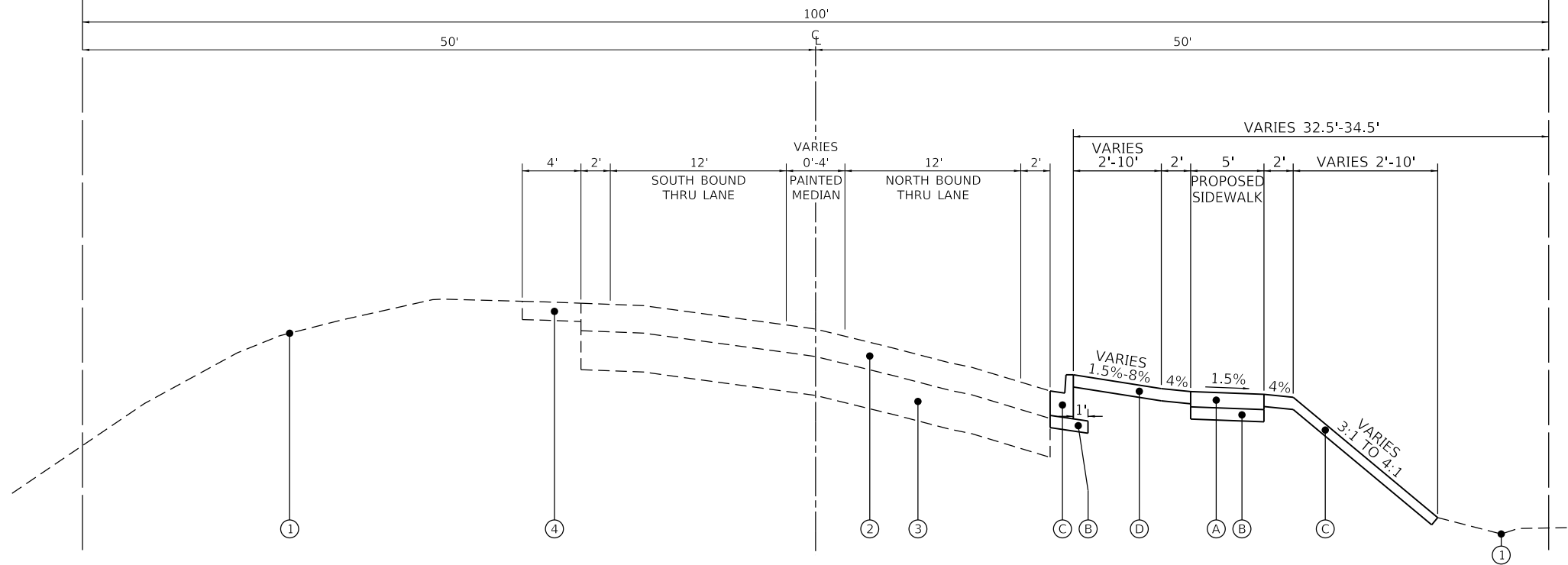
- ① EXISTING GROUND SURFACE
- ② EXISTING HMA PAVEMENT
- ③ EXISTING AGGREGATE SUBGRADE
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HMA PATH
- ⑥ EXISTING AGGREGATE BASE COURSE
- ⑦ EXISTING COMBINATION CONCRETE CURB & GUTTER
- Ⓐ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- Ⓑ PROPOSED AGGREGATE BASE COURSE, TYPE B 4"
- Ⓒ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- Ⓓ PROPOSED TOP SOIL FURNISH AND PLACE, 4", SEEDING, CLASS 1A PHOSPHORUS FERTILIZER NUTRIENT, NITROGEN FERTILIZER NUTRIENT, AND POTASSIUM FERTILIZER NUTRIENT



**WOLF ROAD
PROPOSED TYPICAL SECTION**
STA. 137+99.17 TO STA. 142+12.16

EXIST. WEST R.O.W.

EXIST. EAST R.O.W.



**WOLF ROAD
PROPOSED TYPICAL SECTION**
STA. 137+20.61 TO STA. 137+99.17
STA. 142+12.16 TO STA. 142+31.61

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
HMA DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL 9.5, N50; 2"	4% @ 50 Gyr.	LR 1030-2
HMA BASE COURSE (HMA BINDER IL-19.0); PE - 6", CE - 8"	4% @ 50 Gyr.	LR 1030-2
CLASS D PATCHES (SPECIAL)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL 9.5, N50; TOP 2"	4% @ 50 Gyr.	LR 1030-2
HMA BINDER COURSE, IL-19.0, N50	4% @ 50 Gyr.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES 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

GHA GEWALT HAMILTON ASSOCIATES, INC.

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DESIGNED - MIV	REVISD -
DRAWN - PJS	REVISD -
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DATE - 6/5/2023	REVISD -
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

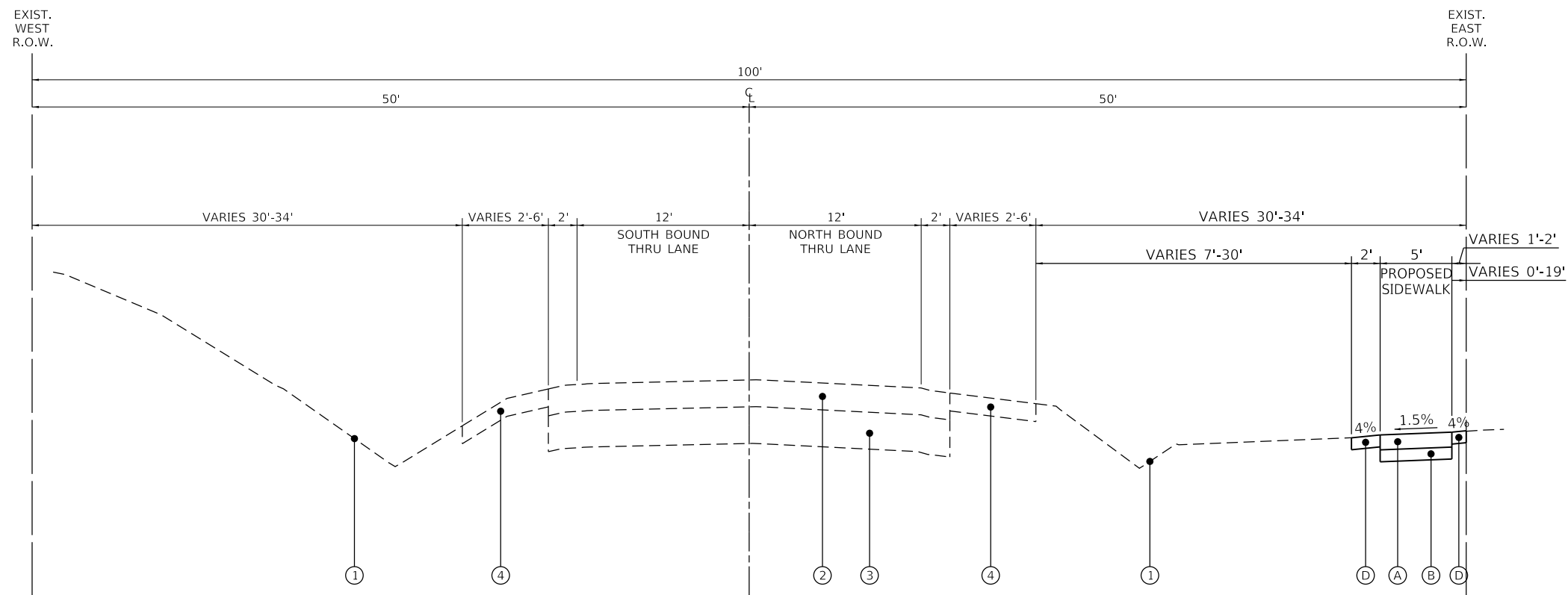
PROPOSED TYPICAL SECTIONS WOLF ROAD SIDEWALK

SCALE: H: 1"=5'	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	16
CONTRACT NO. 61J53			ILLINOIS FED. AID PROJECT	

LEGEND

- ① EXISTING GROUND SURFACE
- ② EXISTING HMA PAVEMENT
- ③ EXISTING AGGREGATE SUBGRADE
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HMA PATH
- ⑥ EXISTING AGGREGATE BASE COURSE
- ⑦ EXISTING COMBINATION CONCRETE CURB & GUTTER
- Ⓐ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- Ⓑ PROPOSED AGGREGATE BASE COURSE, TYPE B 4"
- Ⓒ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- Ⓓ PROPOSED TOP SOIL FURNISH AND PLACE, 4", SEEDING, CLASS 1A PHOSPHORUS FERTILIZER NUTRIENT, NITROGEN FERTILIZER NUTRIENT, AND POTASSIUM FERTILIZER NUTRIENT



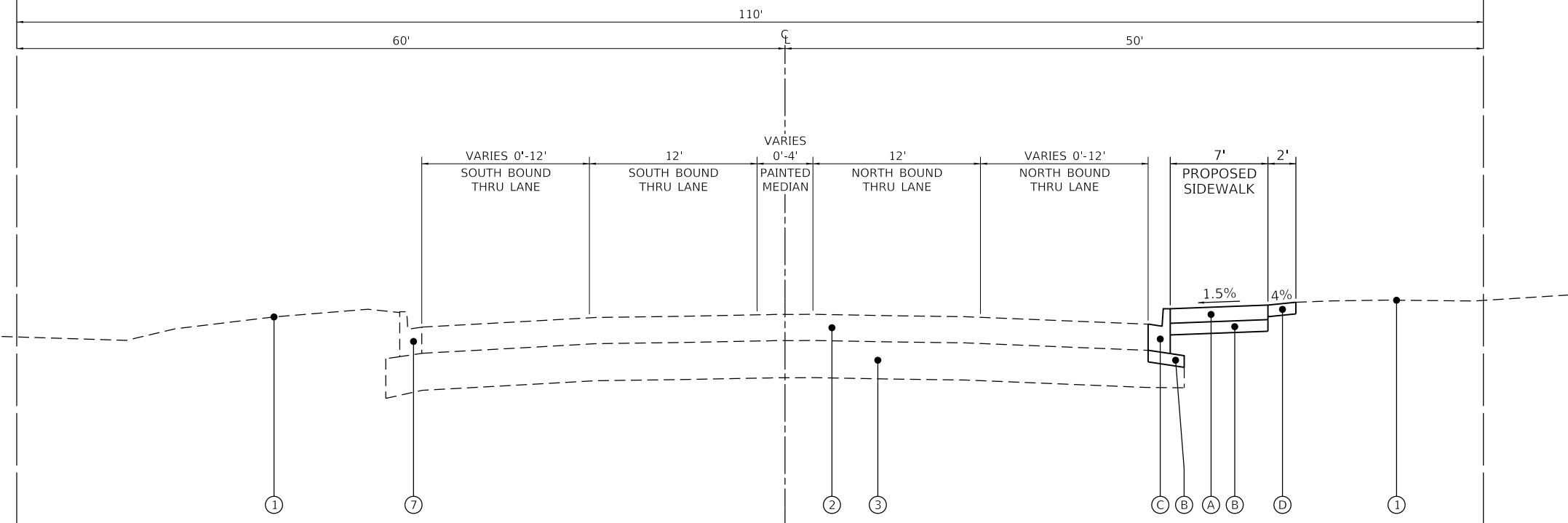
**WOLF ROAD
PROPOSED TYPICAL SECTION**
 STA. 142+31.61 TO STA. 147+92.84
 STA. 148+68.04 TO STA. 149+12.39
 STA. 149+61.84 TO STA. 173+79.90

FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J53	

EXIST.
WEST
R.O.W.

EXIST.
EAST
R.O.W.



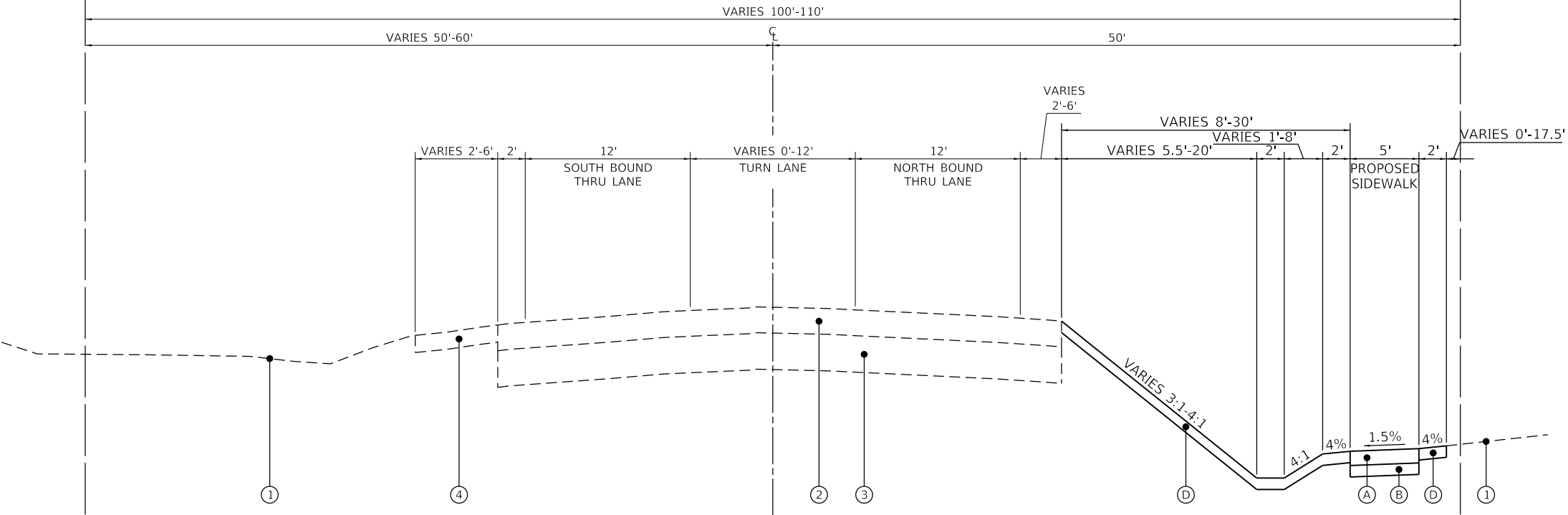
WOLF ROAD
PROPOSED TYPICAL SECTION
STA. 191+94.36 TO STA. 199+28.70

LEGEND

- ① EXISTING GROUND SURFACE
- ② EXISTING HMA PAVEMENT
- ③ EXISTING AGGREGATE SUBGRADE
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HMA PATH
- ⑥ EXISTING AGGREGATE BASE COURSE
- ⑦ EXISTING COMBINATION CONCRETE CURB & GUTTER
- Ⓐ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- Ⓑ PROPOSED AGGREGATE BASE COURSE, TYPE B 4"
- Ⓒ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- Ⓓ PROPOSED TOP SOIL FURNISH AND PLACE, 4", SEEDING, CLASS 1A PHOSPHORUS FERTILIZER NUTRIENT, NITROGEN FERTILIZER NUTRIENT, AND POTASSIUM FERTILIZER NUTRIENT

EXIST.
WEST
R.O.W.

EXIST.
EAST
R.O.W.



WOLF ROAD
PROPOSED TYPICAL SECTION
STA. 174+37.19 TO STA. 191+94.36

GHA GEWALT HAMILTON ASSOCIATES, INC.

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CHECKED - MJV	REVISOR -
PLOT DATE = 5/25/2023	DATE - 5/24/2023
PLOT SCALE = 1:5	REVISIONS -

DESIGNED - MJV	REVISOR -
DRAWN - PJS	REVISIONS -
CHECKED - MJV	DATE - 5/24/2023
PLOT DATE = 5/25/2023	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
WOLF ROAD SIDEWALK

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J53	

SCHEDULE OF EARTHWORK							
STATION	TO	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
136+00.00	TO	136+25.00	0.00	0.00	0.00	0.00	0.00
136+25.00	TO	136+50.00	0.00	0.00	0.00	0.00	0.00
136+50.00	TO	136+75.00	0.00	0.00	0.00	0.00	0.00
136+75.00	TO	137+00.00	0.00	0.00	0.00	0.00	0.00
137+00.00	TO	137+25.00	0.00	5.55	4.72	0.25	4.47
137+25.00	TO	137+50.00	0.00	5.93	5.04	2.02	3.02
137+50.00	TO	137+75.00	0.00	0.64	0.55	4.17	-3.62
137+75.00	TO	138+00.00	0.00	0.26	0.23	4.05	-3.82
138+00.00	TO	138+25.00	1.44	0.00	0.01	3.47	-3.46
138+25.00	TO	138+50.00	2.81	0.01	0.02	3.85	-3.83
138+50.00	TO	138+75.00	2.89	0.02	0.02	4.07	-4.05
138+75.00	TO	139+00.00	5.18	0.01	0.02	9.12	-9.10
139+00.00	TO	139+25.00	7.40	0.75	0.64	15.44	-14.80
139+25.00	TO	139+50.00	7.56	2.50	2.13	18.93	-16.80
139+50.00	TO	139+75.00	7.77	2.58	2.20	23.44	-21.24
139+75.00	TO	140+00.00	8.04	1.00	0.85	26.12	-25.27
140+00.00	TO	140+25.00	8.30	0.33	0.28	24.76	-24.48
140+25.00	TO	140+50.00	8.18	0.19	0.16	24.59	-24.43
140+50.00	TO	140+75.00	7.94	0.04	0.04	27.63	-27.59
140+75.00	TO	141+00.00	8.00	0.02	0.02	28.10	-28.08
141+00.00	TO	141+25.00	8.19	0.01	0.01	26.26	-26.25
141+25.00	TO	141+50.00	7.17	0.12	0.10	22.73	-22.63
141+50.00	TO	141+75.00	5.05	0.11	0.10	16.24	-16.14
141+75.00	TO	142+00.00	3.45	0.00	0.00	11.39	-11.39
142+00.00	TO	142+25.00	2.75	0.11	0.10	12.87	-12.77
142+25.00	TO	142+50.00	1.35	0.11	0.10	7.71	-7.61
142+50.00	TO	142+75.00	0.00	0.00	0.00	0.00	0.00
142+75.00	TO	143+00.00	0.00	0.00	0.00	0.00	0.00
143+00.00	TO	143+25.00	0.00	0.00	0.00	0.00	0.00
143+25.00	TO	143+50.00	0.00	2.05	1.74	0.00	1.74
143+50.00	TO	143+75.00	3.88	2.09	1.78	14.74	-12.96
143+75.00	TO	144+00.00	7.33	0.09	0.08	20.69	-20.61
144+00.00	TO	144+25.00	3.46	0.10	0.09	9.76	-9.67
144+25.00	TO	144+50.00	3.01	4.92	4.19	4.36	-0.17
144+50.00	TO	144+70.00	3.24	6.23	5.30	0.43	4.87
144+70.00	TO	144+90.00	1.87	5.56	4.73	0.27	4.46
144+90.00	TO	145+15.00	1.30	4.57	3.89	3.68	0.21
145+15.00	TO	145+50.00	3.60	10.49	8.92	4.71	4.21
145+50.00	TO	145+75.00	4.65	11.95	10.16	0.02	10.14
145+75.00	TO	146+00.00	4.09	8.83	7.51	0.00	7.51
146+00.00	TO	146+25.00	4.01	7.27	6.18	0.00	6.18
146+25.00	TO	146+50.00	4.45	9.75	8.30	0.00	8.30
146+50.00	TO	146+75.00	5.53	11.81	10.05	0.00	10.05
146+75.00	TO	147+00.00	6.08	6.24	5.31	2.10	3.21
147+00.00	TO	147+30.00	3.61	0.89	0.76	2.52	-1.76
147+30.00	TO	147+50.00	0.00	0.00	0.00	0.00	0.00

SCHEDULE OF EARTHWORK							
STATION	TO	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
147+50.00	TO	147+75.00	1.02	2.44	2.08	0.63	1.46
147+75.00	TO	148+00.00	1.31	4.52	3.85	0.76	3.09
148+00.00	TO	148+25.00	0.88	2.08	1.77	0.73	1.04
148+25.00	TO	148+50.00	1.29	0.00	0.00	1.29	-1.29
148+50.00	TO	148+70.00	1.11	1.89	1.61	2.46	-0.85
148+70.00	TO	148+90.00	0.55	2.07	1.77	3.38	-1.61
148+90.00	TO	149+25.00	4.84	0.32	0.28	7.43	-7.15
149+25.00	TO	149+50.00	6.34	0.00	0.00	6.34	-6.34
149+50.00	TO	149+75.00	2.88	0.18	0.15	3.98	-3.83
149+75.00	TO	150+00.00	2.24	2.49	2.12	3.87	-1.75
150+00.00	TO	150+25.00	2.24	2.59	2.20	4.58	-2.38
150+25.00	TO	150+50.00	3.70	3.52	3.00	1.90	1.10
150+50.00	TO	150+75.00	7.94	7.10	6.04	0.38	5.67
150+75.00	TO	151+00.00	4.25	4.00	3.40	4.05	-0.65
151+00.00	TO	151+20.00	0.00	1.77	1.51	7.17	-5.66
151+20.00	TO	151+35.00	0.00	1.47	1.26	5.41	-4.15
151+35.00	TO	151+60.00	4.65	2.60	2.22	5.06	-2.84
151+60.00	TO	151+75.00	5.57	3.03	2.58	1.24	1.34
151+75.00	TO	152+00.00	8.50	5.94	5.05	0.93	4.12
152+00.00	TO	152+35.00	5.40	4.72	4.02	2.71	1.31
152+35.00	TO	152+50.00	2.05	0.92	0.78	2.51	-1.73
152+50.00	TO	152+75.00	6.71	5.19	4.41	2.41	2.00
152+75.00	TO	153+00.00	6.45	6.68	5.68	0.06	5.62
153+00.00	TO	153+25.00	6.68	3.60	3.06	0.65	2.41
153+25.00	TO	153+50.00	7.97	1.78	1.52	0.98	0.54
153+50.00	TO	153+75.00	9.02	1.83	1.56	3.95	-2.39
153+75.00	TO	153+85.00	1.83	0.43	0.37	3.26	-2.89
153+85.00	TO	154+00.00	2.67	1.14	0.98	2.77	-1.79
154+00.00	TO	154+25.00	9.03	3.84	3.27	1.54	1.73
154+25.00	TO	154+50.00	9.19	3.17	2.70	3.50	-0.80
154+50.00	TO	154+75.00	9.23	2.02	1.72	2.66	-0.94
154+75.00	TO	154+85.00	1.85	0.43	0.37	2.46	-2.09
154+85.00	TO	155+00.00	2.62	0.81	0.69	4.36	-3.67
155+00.00	TO	155+25.00	8.90	2.13	1.81	4.51	-2.70
155+25.00	TO	155+50.00	9.23	1.94	1.65	3.82	-2.17
155+50.00	TO	155+75.00	9.35	1.90	1.62	2.43	-0.81
155+75.00	TO	156+00.00	8.70	1.74	1.48	4.94	-3.46
156+00.00	TO	156+25.00	6.21	1.59	1.35	4.85	-3.50
156+25.00	TO	156+50.00	2.17	0.71	0.61	1.27	-0.66
156+50.00	TO	156+75.00	2.88	0.06	0.06	1.59	-1.53
156+75.00	TO	157+00.00	6.27	1.06	0.91	1.78	-0.87
157+00.00	TO	157+25.00	6.57	2.46	2.09	0.49	1.60
157+25.00	TO	157+45.00	2.55	1.40	1.19	4.34	-3.15
157+45.00	TO	157+75.00	3.92	1.48	1.27	7.62	-6.35
157+75.00	TO	158+00.00	6.66	2.27	1.94	1.40	0.54
158+00.00	TO	158+10.00	1.36	0.71	0.61	1.62	-1.01

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4755.18	
Default	

DESIGNED - MIV	REVISOR -
DRAWN - PJS	REVISIONS -
PLOT SCALE = 1:2	CHECKED - MIV
PLOT DATE = 11/9/2023	DATE - 11/9/2023

DESIGNED - MIV	REVISOR -
DRAWN - PJS	REVISIONS -
CHECKED - MIV	REVISIONS -
DATE - 11/9/2023	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EARTHWORK SCHEDULE OF QUANTITIES			
WOLF ROAD SIDEWALK			
SCALE: NONE	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	19
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF EARTHWORK

STATION	TO	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
158+10.00	TO	158+25.00	2.18	2.19	1.87	2.36	-0.49
158+25.00	TO	158+50.00	7.12	4.60	3.91	0.29	3.62
158+50.00	TO	158+80.00	4.19	2.31	1.97	3.19	-1.22
158+80.00	TO	159+00.00	3.45	8.12	6.91	1.95	4.96
159+00.00	TO	159+25.00	8.44	16.57	14.09	0.13	13.96
159+25.00	TO	159+50.00	8.04	10.53	8.95	0.27	8.68
159+50.00	TO	159+65.00	2.35	2.47	2.10	2.13	-0.03
159+65.00	TO	160+00.00	6.31	2.51	2.14	5.50	-3.36
160+00.00	TO	160+15.00	2.70	0.98	0.84	2.56	-1.72
160+15.00	TO	160+25.00	1.79	4.27	3.64	1.66	1.98
160+25.00	TO	160+50.00	9.19	13.35	11.35	0.95	10.40
160+50.00	TO	160+75.00	9.48	5.16	4.39	1.63	2.76
160+75.00	TO	161+00.00	9.64	3.15	2.68	2.71	-0.03
161+00.00	TO	161+25.00	9.75	2.86	2.43	2.11	0.32
161+25.00	TO	161+50.00	9.46	3.14	2.67	1.53	1.14
161+50.00	TO	161+65.00	2.75	1.06	0.91	4.26	-3.35
161+65.00	TO	161+85.00	3.80	1.15	0.98	6.09	-5.11
161+85.00	TO	162+10.00	4.75	1.13	0.96	6.06	-5.10
162+10.00	TO	162+30.00	3.53	3.62	3.08	3.86	-0.78
162+30.00	TO	162+50.00	7.03	4.90	4.17	0.96	3.21
162+50.00	TO	162+75.00	8.74	2.66	2.27	2.92	-0.65
162+75.00	TO	163+00.00	8.77	1.94	1.65	4.30	-2.65
163+00.00	TO	163+25.00	8.33	2.17	1.85	4.21	-2.36
163+25.00	TO	163+50.00	8.23	2.39	2.04	3.10	-1.06
163+50.00	TO	163+80.00	5.16	1.65	1.41	5.00	-3.59
163+80.00	TO	164+00.00	2.66	0.55	0.47	3.90	-3.43
164+00.00	TO	164+17.00	2.26	0.85	0.73	2.69	-1.96
164+17.00	TO	164+35.00	2.53	1.18	1.01	4.01	-3.00
164+35.00	TO	164+50.00	4.15	2.84	2.42	2.18	0.24
164+50.00	TO	164+75.00	6.63	7.66	6.51	0.38	6.13
164+75.00	TO	165+00.00	4.31	4.74	4.03	0.45	3.58
165+00.00	TO	165+25.00	1.09	0.86	0.74	0.22	0.52
165+25.00	TO	165+50.00	1.09	0.73	0.62	0.19	0.43
165+50.00	TO	165+75.00	2.19	1.92	1.63	0.37	1.26
165+75.00	TO	166+00.00	2.08	2.18	1.86	0.18	1.68
166+00.00	TO	166+25.00	4.12	6.28	5.35	0.10	5.25
166+25.00	TO	166+50.00	6.09	9.20	7.82	0.20	7.62
166+50.00	TO	166+75.00	2.95	4.09	3.48	5.18	-1.70
166+75.00	TO	167+00.00	3.10	1.73	1.48	5.38	-3.90
167+00.00	TO	167+25.00	6.25	2.39	2.04	1.87	0.17
167+25.00	TO	167+50.00	6.35	2.38	2.03	2.60	-0.57
167+50.00	TO	167+75.00	6.33	2.33	1.98	2.01	-0.03
167+75.00	TO	167+89.00	1.75	0.49	0.42	2.34	-1.92
167+89.00	TO	168+10.00	2.90	1.01	0.86	3.14	-2.28
168+10.00	TO	168+25.00	4.08	1.36	1.16	0.94	0.22
168+25.00	TO	168+50.00	6.49	2.20	1.87	2.65	-0.78

SCHEDULE OF EARTHWORK

STATION	TO	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
168+50.00	TO	168+75.00	6.05	2.69	2.29	1.75	0.54
168+75.00	TO	168+94.00	2.21	1.27	1.08	3.21	-2.13
168+94.00	TO	169+25.00	3.91	2.50	2.13	5.10	-2.97
169+25.00	TO	169+50.00	6.42	3.78	3.22	0.45	2.77
169+50.00	TO	169+75.00	6.56	3.31	2.82	1.43	1.39
169+75.00	TO	170+00.00	3.30	1.57	1.34	5.55	-4.21
170+00.00	TO	170+25.00	3.31	1.46	1.24	4.67	-3.43
170+25.00	TO	170+50.00	6.48	3.13	2.67	1.12	1.55
170+50.00	TO	170+75.00	5.88	2.21	1.89	2.05	-0.16
170+75.00	TO	171+00.00	2.70	0.54	0.46	7.19	-6.73
171+00.00	TO	171+25.00	2.60	1.44	1.22	6.58	-5.36
171+25.00	TO	171+50.00	5.44	2.75	2.35	0.68	1.67
171+50.00	TO	171+75.00	2.84	1.44	1.23	3.08	-1.85
171+75.00	TO	172+00.00	2.50	0.30	0.26	4.34	-4.08
172+00.00	TO	172+25.00	4.88	0.82	0.71	2.04	-1.33
172+25.00	TO	172+50.00	4.76	1.17	1.00	0.96	0.04
172+50.00	TO	172+75.00	5.46	2.20	1.87	0.62	1.25
172+75.00	TO	173+00.00	6.22	3.31	2.82	0.35	2.47
173+00.00	TO	173+25.00	6.42	2.69	2.30	1.27	1.03
173+25.00	TO	173+50.00	6.78	1.01	0.86	7.45	-6.59
173+50.00	TO	173+75.00	3.50	3.19	2.71	6.31	-3.60
173+75.00	TO	174+00.00	0.00	3.17	2.70	0.00	2.70
174+00.00	TO	174+25.00	0.00	0.00	0.00	0.00	0.00
174+25.00	TO	174+50.00	0.91	2.12	1.81	1.06	0.75
174+50.00	TO	174+75.00	3.80	2.29	1.95	7.96	-6.01
174+75.00	TO	175+00.00	5.80	0.36	0.31	11.52	-11.21
175+00.00	TO	175+25.00	5.85	0.43	0.37	6.92	-6.55
175+25.00	TO	175+50.00	5.90	0.51	0.44	5.56	-5.12
175+50.00	TO	175+75.00	5.95	0.63	0.54	7.39	-6.85
175+75.00	TO	176+00.00	6.00	0.69	0.59	7.75	-7.16
176+00.00	TO	176+25.00	6.05	0.60	0.52	6.79	-6.27
176+25.00	TO	176+50.00	6.10	0.59	0.50	5.69	-5.19
176+50.00	TO	176+75.00	6.15	1.06	0.91	4.58	-3.67
176+75.00	TO	177+00.00	6.20	2.10	1.79	3.88	-2.09
177+00.00	TO	177+25.00	6.04	3.68	3.13	3.37	-0.24
177+25.00	TO	177+50.00	6.87	6.14	5.22	3.01	2.21
177+50.00	TO	177+75.00	8.00	6.46	5.50	3.11	2.39
177+75.00	TO	178+00.00	8.15	4.65	3.96	3.35	0.61
178+00.00	TO	178+25.00	8.10	6.56	5.58	3.13	2.46
178+25.00	TO	178+50.00	7.68	10.18	8.66	2.75	5.91
178+50.00	TO	178+75.00	7.83	11.05	9.40	3.21	6.19
178+75.00	TO	179+00.00	8.38	9.54	8.11	4.34	3.77
179+00.00	TO	179+25.00	8.48	6.45	5.49	5.07	0.42
179+25.00	TO	179+50.00	8.56	5.00	4.25	5.70	-1.45
179+50.00	TO	179+75.00	8.66	4.47	3.80	6.95	-3.15
179+75.00	TO	180+00.00	8.77	4.77	4.06	7.08	-3.02



MODEL: Default
FILE: 4755-180-sht_EW_2.dgn

FILE NAME = 4755-180-sht_EW_2.dgn	USER NAME = mvacak	DESIGNED - MIV	REVISED -
PLOT SCALE = 1:2	CHECKED - MIV	REVISOR -	REVISOR -
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISOR -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EARTHWORK SCHEDULE OF QUANTITIES
WOLF ROAD SIDEWALK**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61153	

SCHEDULE OF EARTHWORK

STATION	TO	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
180+00.00	TO	180+25.00	9.01	9.28	7.89	5.76	2.13
180+25.00	TO	180+50.00	9.31	16.98	14.44	4.46	9.98
180+50.00	TO	180+75.00	9.33	20.75	17.64	4.11	13.53
180+75.00	TO	181+00.00	9.10	18.23	15.50	3.75	11.75
181+00.00	TO	181+25.00	8.87	17.37	14.77	3.25	11.52
181+25.00	TO	181+50.00	8.75	18.06	15.36	1.81	13.55
181+50.00	TO	181+75.00	7.87	15.99	13.59	0.68	12.91
181+75.00	TO	182+00.00	5.75	9.09	7.73	0.71	7.02
182+00.00	TO	182+25.00	3.96	2.72	2.31	0.90	1.41
182+25.00	TO	182+60.00	2.41	1.08	0.92	8.03	-7.11
182+60.00	TO	182+95.00	0.00	0.00	0.00	19.06	-19.06
182+95.00	TO	183+25.00	1.28	1.50	1.28	10.36	-9.08
183+25.00	TO	183+50.00	2.17	2.43	2.07	0.00	2.07
183+50.00	TO	183+75.00	5.31	5.33	4.54	0.00	4.54
183+75.00	TO	184+00.00	8.63	5.12	4.36	0.00	4.36
184+00.00	TO	184+25.00	9.90	1.02	0.87	9.40	-8.53
184+25.00	TO	184+50.00	10.96	0.11	0.10	17.99	-17.89
184+50.00	TO	184+75.00	10.95	0.13	0.11	16.88	-16.77
184+75.00	TO	185+00.00	10.90	0.12	0.11	18.30	-18.19
185+00.00	TO	185+25.00	10.59	0.06	0.05	21.59	-21.54
185+25.00	TO	185+50.00	8.88	11.18	9.51	11.59	-2.08
185+50.00	TO	185+75.00	8.67	34.66	29.46	0.00	29.46
185+75.00	TO	186+00.00	9.51	30.98	26.34	9.02	17.32
186+00.00	TO	186+25.00	11.71	7.51	6.39	22.95	-16.56
186+25.00	TO	186+50.00	12.58	0.10	0.09	25.74	-25.65
186+50.00	TO	186+75.00	12.06	0.10	0.09	28.04	-27.95
186+75.00	TO	187+00.00	6.63	0.00	0.00	21.59	-21.59
187+00.00	TO	187+25.00	0.00	0.00	0.00	9.59	-9.59
187+25.00	TO	187+50.00	4.81	0.00	0.00	17.23	-17.23
187+50.00	TO	187+75.00	9.40	0.00	0.00	35.08	-35.08
187+75.00	TO	188+00.00	4.60	0.00	0.00	27.03	-27.03
188+00.00	TO	188+25.00	4.69	2.41	2.05	18.09	-16.04
188+25.00	TO	188+50.00	9.50	6.17	5.25	24.72	-19.47
188+50.00	TO	188+75.00	9.57	4.05	3.45	27.09	-23.64
188+75.00	TO	189+00.00	9.45	0.30	0.26	31.43	-31.17
189+00.00	TO	189+25.00	9.33	0.04	0.04	32.85	-32.81
189+25.00	TO	189+50.00	9.25	0.20	0.18	34.90	-34.72
189+50.00	TO	189+75.00	9.21	0.38	0.32	34.76	-34.44
189+75.00	TO	190+00.00	9.11	0.56	0.48	21.79	-21.31
190+00.00	TO	190+25.00	4.51	0.35	0.30	10.99	-10.69
190+25.00	TO	190+50.00	5.44	0.15	0.13	34.67	-34.54
190+50.00	TO	190+75.00	11.04	0.26	0.23	53.20	-52.97
190+75.00	TO	191+00.00	10.95	0.12	0.10	49.14	-49.04
191+00.00	TO	191+25.00	8.63	8.12	6.91	24.61	-17.70
191+25.00	TO	191+50.00	3.27	8.13	6.92	2.67	4.25
191+50.00	TO	191+75.00	1.15	1.50	1.28	5.81	-4.53

SCHEDULE OF EARTHWORK

STATION	TO	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
191+75.00	TO	192+00.00	4.17	5.35	4.55	3.13	1.42
192+00.00	TO	192+25.00	4.43	4.34	3.69	0.35	3.34
192+25.00	TO	192+50.00	4.50	5.10	4.34	0.35	3.99
192+50.00	TO	192+75.00	8.63	9.41	8.00	0.00	8.00
192+75.00	TO	193+00.00	11.01	8.87	7.54	0.00	7.54
193+00.00	TO	193+25.00	9.13	5.85	4.98	1.16	3.82
193+25.00	TO	193+50.00	4.89	5.91	5.03	1.16	3.87
193+50.00	TO	193+75.00	1.22	6.25	5.32	0.00	5.32
193+75.00	TO	194+00.00	0.00	3.95	3.37	0.00	3.37
194+00.00	TO	194+25.00	1.41	5.04	4.29	0.02	4.27
194+25.00	TO	194+50.00	2.54	4.13	3.51	0.25	3.26
194+50.00	TO	194+75.00	1.44	1.83	1.56	0.38	1.18
194+75.00	TO	195+00.00	0.31	0.90	0.77	7.43	-6.66
195+00.00	TO	195+25.00	4.12	1.34	1.14	21.11	-19.97
195+25.00	TO	195+50.00	8.34	2.38	2.03	27.00	-24.97
195+50.00	TO	195+75.00	4.22	1.58	1.35	19.80	-18.45
195+75.00	TO	196+00.00	4.04	2.44	2.08	21.78	-19.70
196+00.00	TO	196+25.00	8.07	3.12	2.65	36.17	-33.52
196+25.00	TO	196+50.00	8.00	2.01	1.71	41.88	-40.17
196+50.00	TO	196+80.00	4.76	1.71	1.45	31.94	-30.49
196+80.00	TO	197+00.00	0.00	0.98	0.84	11.03	-10.19
197+00.00	TO	197+25.00	1.36	2.19	1.87	8.31	-6.44
197+25.00	TO	197+50.00	1.36	2.14	1.82	5.41	-3.59
197+50.00	TO	197+75.00	1.33	2.32	1.98	6.98	-5.00
197+75.00	TO	198+00.00	2.65	3.62	3.08	2.07	1.01
198+00.00	TO	198+25.00	2.63	3.60	3.07	0.32	2.75
198+25.00	TO	198+50.00	1.31	1.99	1.69	4.35	-2.66
198+50.00	TO	198+75.00	0.00	0.98	0.84	7.93	-7.09
198+75.00	TO	199+00.00	1.71	3.54	3.01	4.01	-1.00
199+00.00	TO	199+50.00	3.42	5.57	4.74	0.69	4.05
TOTAL VOLUMES (CU YD):			1,326	890	750	1,841	-1,090



MODEL: Default
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USER NAME = mvasad
PLOT SCALE = 1:2
PLOT DATE = 11/9/2023

DESIGNED - MIV
DRAWN - PJS
CHECKED - MIV
DATE - 11/9/2023
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE OF QUANTITIES
WOLF ROAD SIDEWALK

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	21
CONTRACT NO. 61153				
ILLINOIS		FED. AID PROJECT		



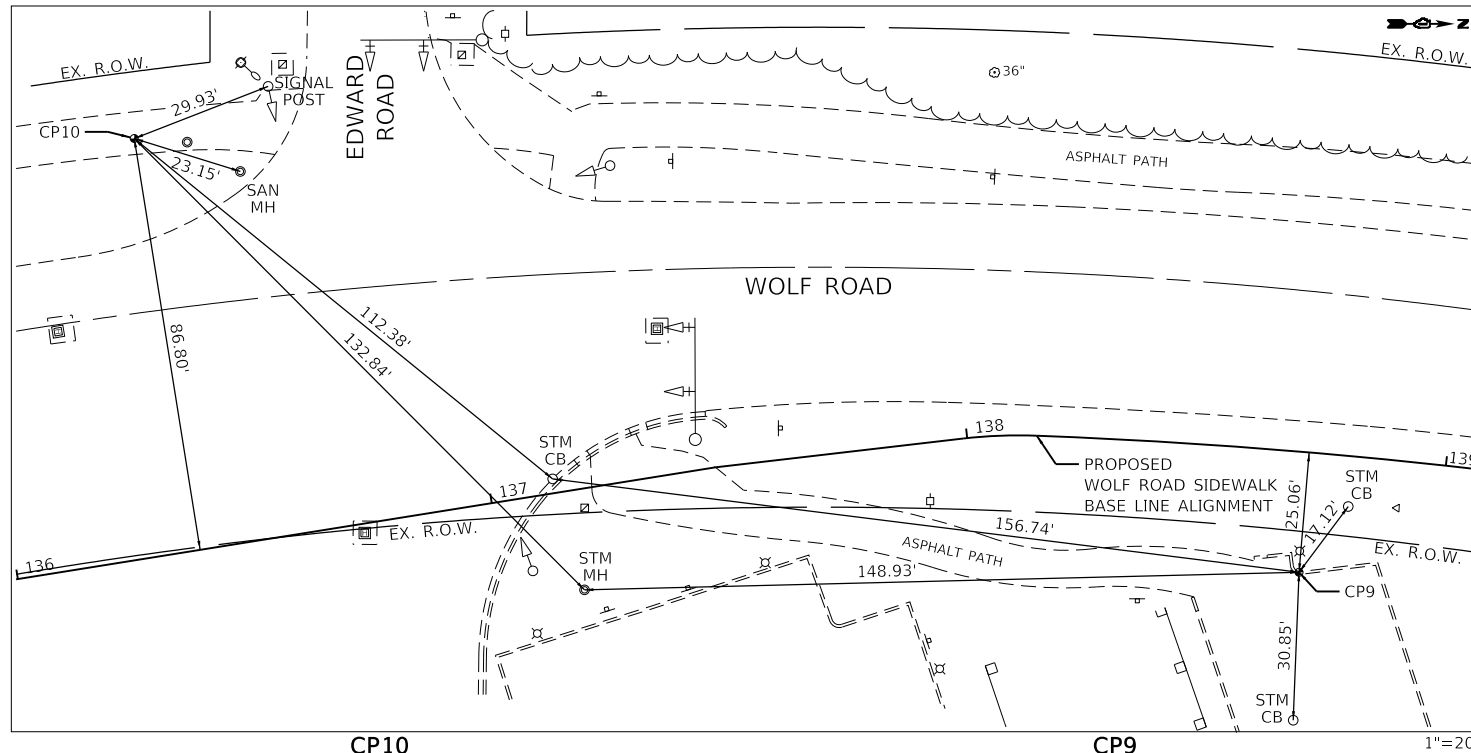
WOLF ROAD SIDEWALK CONTROL POINT COORDINATE TABLE					
DESCRIPTION	ELEVATION	STATION	OFFSET	NORTHING	EASTING
CP10	644.46	136+38.46	86.80' LT	1976514.35	1099344.49
CP9	647.50	138+71.39	25.06' RT	1976757.04	1099434.88

EXIST. CURVE CL_WOLF_1
 PI STA. = 888+38.36
 $\Delta = 53^\circ 11' 00''$ (RT)
 $D = 5^\circ 25' 53''$
 $R = 1,054.92'$
 $T = 528.07'$
 $L = 979.20'$
 $E = 124.79'$
 P.C. STA. = 883+10.29
 P.T. STA. = 892+89.49

WOLF ROAD SIDEWALK BASE LINE ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
BOA	135+50.00	1976440.73	1099444.19
PI	137+47.20	1976635.45	1099413.00
PC	137+99.17	1976687.07	1099407.01
PI	138+06.86	1976694.72	1099406.13
PCC	138+14.53	1976702.41	1099406.42
PI	138+47.75	1976735.60	1099407.69
PCC	138+80.96	1976768.68	1099410.75
PI	139+15.58	1976803.15	1099413.99
PCC	139+50.18	1976837.39	1099419.15
PI	140+09.83	1976896.37	1099428.00
PCC	140+69.37	1976954.15	1099442.83
PI	141+17.59	1977000.85	1099454.82
PCC	141+65.75	1977046.40	1099470.64
PI	141+89.65	1977068.98	1099478.48
PCC	142+13.54	1977091.22	1099487.24
PI	142+18.42	1977095.76	1099489.03
PT	142+23.19	1977099.29	1099492.39
PC	142+83.74	1977143.15	1099534.15
PI	142+93.13	1977149.95	1099540.63
PT	143+01.95	1977159.23	1099542.07
PC	143+33.79	1977190.69	1099546.96
PI	143+37.65	1977194.52	1099547.55
PT	143+41.46	1977197.99	1099549.24
PC	143+60.12	1977214.78	1099557.39
PI	143+71.65	1977225.14	1099562.42
PRC	143+81.72	1977228.05	1099573.57
PI	143+95.67	1977231.57	1099587.08
PT	144+07.84	1977244.16	1099593.09

EXISTING WOLF ROAD ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
BOA/PC	883+10.29	1976188.05	1099481.20
PI	888+38.36	1976661.12	1099246.53
PT	892+89.49	1977132.47	1099484.62
PC	895+52.61	1977367.33	1099603.25

BOA/PC Sta 883+10.29



CP10
 SET MAG NAIL IN PAVEMENT

CP9
 "X" IN TOPO OF CURB

1"=20'

PROP. CURVE BL_WOLFSW_5 PI STA. = 138+06.86 $\Delta = 8^\circ 48' 05''$ (RT) $D = 57^\circ 17' 45''$ $R = 100.00'$ $T = 7.70'$ $L = 15.36'$ $E = 0.30'$ P.C. STA. = 137+99.17 P.T. STA. = 138+14.53	PROP. CURVE BL_WOLFSW_6 PI STA. = 138+47.75 $\Delta = 3^\circ 06' 19''$ (RT) $D = 4^\circ 40' 29''$ $R = 1,225.64'$ $T = 33.22'$ $L = 66.43'$ $E = 0.45'$ P.C. STA. = 138+14.53 P.T. STA. = 138+80.96	PROP. CURVE BL_WOLFSW_7 PI STA. = 139+15.58 $\Delta = 3^\circ 11' 18''$ (RT) $D = 4^\circ 36' 21''$ $R = 1,243.98'$ $T = 34.62'$ $L = 69.22'$ $E = 1.53'$ P.C. STA. = 138+80.96 P.T. STA. = 139+50.18	PROP. CURVE BL_WOLFSW_8 PI STA. = 140+09.83 $\Delta = 5^\circ 52' 07''$ (RT) $D = 4^\circ 55' 25''$ $R = 1,163.68'$ $T = 59.65'$ $L = 119.19'$ $E = 1.00'$ P.C. STA. = 139+50.18 P.T. STA. = 140+69.37	PROP. CURVE BL_WOLFSW_9 PI STA. = 141+17.59 $\Delta = 4^\circ 44' 47''$ (RT) $D = 4^\circ 55' 29''$ $R = 1,163.43'$ $T = 48.22'$ $L = 96.38'$ $E = 0.25'$ P.C. STA. = 140+69.37 P.T. STA. = 141+65.75	PROP. CURVE BL_WOLFSW_10 PI STA. = 141+89.65 $\Delta = 2^\circ 21' 14''$ (RT) $D = 4^\circ 55' 29''$ $R = 1,163.43'$ $T = 23.90'$ $L = 47.80'$ $E = 0.47'$ P.C. STA. = 141+65.75 P.T. STA. = 142+13.54	PROP. CURVE BL_WOLFSW_11 PI STA. = 142+18.42 $\Delta = 22^\circ 05' 55''$ (RT) $D = 229^\circ 10' 59''$ $R = 25.00'$ $T = 4.88'$ $L = 9.64'$ $E = 0.47'$ P.C. STA. = 142+13.54 P.T. STA. = 142+23.19	PROP. CURVE BL_WOLFSW_14 PI STA. = 142+93.13 $\Delta = 34^\circ 46' 16''$ (LT) $D = 190^\circ 59' 09''$ $R = 30.00'$ $T = 9.39'$ $L = 18.21'$ $E = 1.44'$ P.C. STA. = 142+83.74 P.T. STA. = 143+01.95	PROP. CURVE BL_WOLFSW_17 PI STA. = 143+37.65 $\Delta = 17^\circ 04' 22''$ (RT) $D = 222^\circ 23' 57''$ $R = 25.76'$ $T = 3.87'$ $L = 7.68'$ $E = 0.29'$ P.C. STA. = 143+33.79 P.T. STA. = 143+41.46	PROP. CURVE BL_WOLFSW_20 PI STA. = 143+71.65 $\Delta = 49^\circ 30' 09''$ (RT) $D = 229^\circ 10' 59''$ $R = 25.00'$ $T = 11.53'$ $L = 21.60'$ $E = 2.53'$ P.C. STA. = 143+60.12 P.T. STA. = 143+81.72	PROP. CURVE BL_WOLFSW_21 PI STA. = 143+95.67 $\Delta = 49^\circ 53' 44''$ (LT) $D = 190^\circ 59' 09''$ $R = 30.00'$ $T = 13.96'$ $L = 26.13'$ $E = 3.09'$ P.C. STA. = 143+81.72 P.T. STA. = 144+07.84
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BENCHMARK:
 ELEVATIONS SHOWN HEREON ARE OBTAINED VIA GPS USING TRIMBLE VRS@NOW™ (NO PUBLISHED MONUMENT VERIFIED)
 DATUM: NAVD88

CONTROL DISCLAIMER

PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL CONTROL POINTS AT THE JOB SITE, IF THERE ARE ANY DISCREPANCY FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE SURVEYOR 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 OWN RISK AND EXPENSE, IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONTROL POINTS AND/OR BENCHMARKS.

ANY USER OF THIS CONTROL/BENCHMARKS HEREBY AGREES TO WAIVE ANY CLAIM AGAINST GEWALT HAMILTON ASSOCIATES, INC. (GHA) ARISING FROM ANY UNAUTHORIZED REUSE OR MODIFICATIONS OF THIS CONTROL/BENCHMARKS.

BY USING THIS DRAWING, YOU AGREE, IN ADDITION TO THE FULLEST EXTENT PERMITTED BY LAW, TO INDEMNIFY AND HOLD GHA HARMLESS FROM ANY DAMAGE, LIABILITY OR COST, INCLUDING REASONABLE ATTORNEY'S FEES AND COST OF DEFENSE, ARISING FROM ANY REUSE OR MODIFICATION OF THE CONTROL/BENCHMARKS BY YOURSELVES OR ANY PERSON OR ENTITY WHICH ACQUIRES OR OBTAINS THE DRAWINGS FROM OR THROUGH YOUR OFFICE WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF GHA. GHA MAKES NO WARRANTIES, EITHER EXPRESS OR IMPLIED, OF THE MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL GHA BE LIABLE FOR ANY LOSS OF PROFIT OR ANY DAMAGES AS A RESULT OF USING THIS DRAWING.



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4755-180-sht-ATB 1.dgn	
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DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 5/24/2023	REVISED -

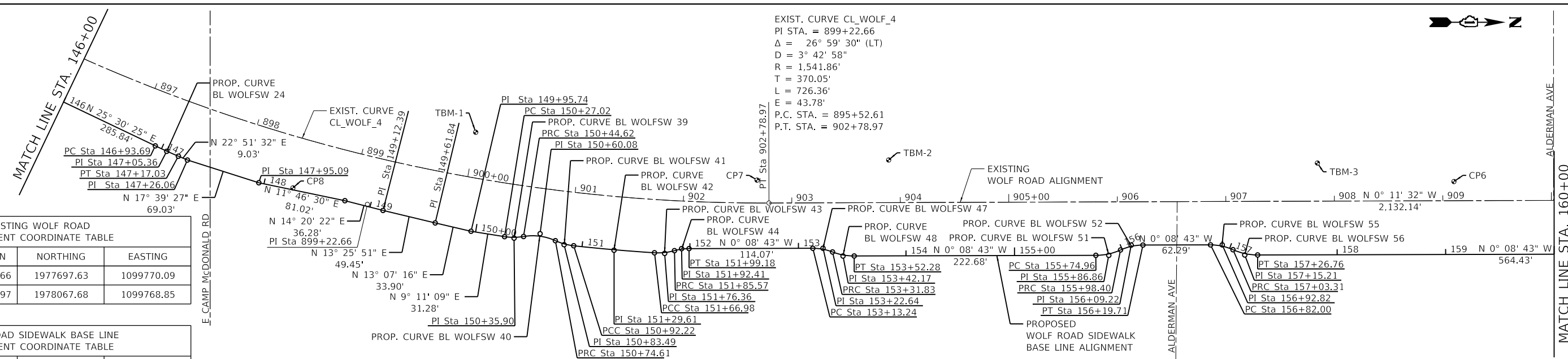
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DATE - 5/24/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARK
 WOLF ROAD SIDEWALK**

SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. 135+50 TO STA. 146+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	22
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				



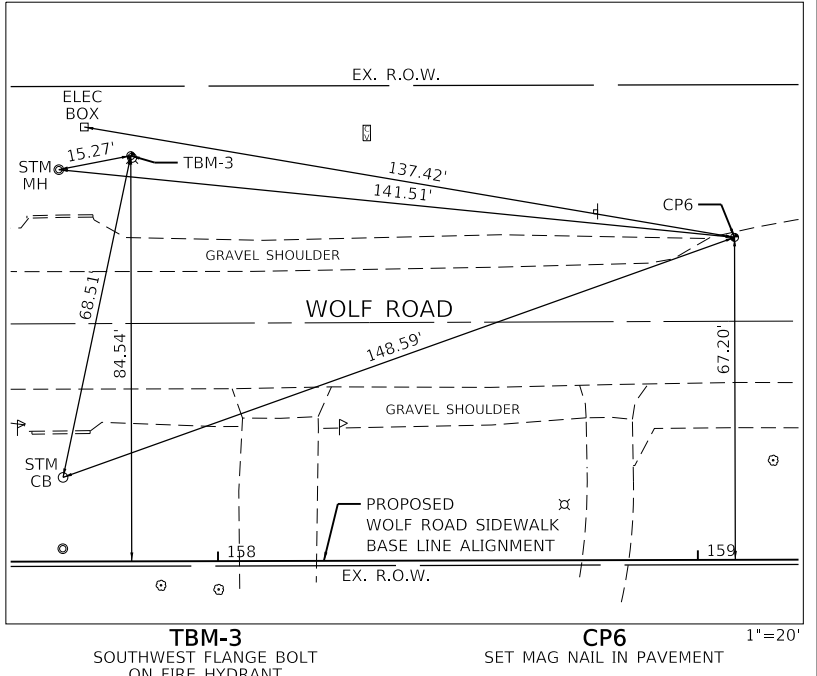
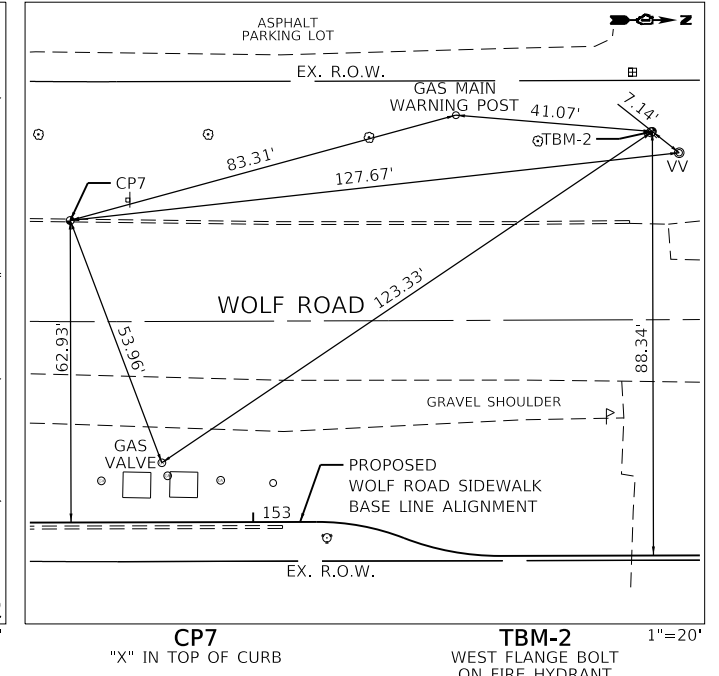
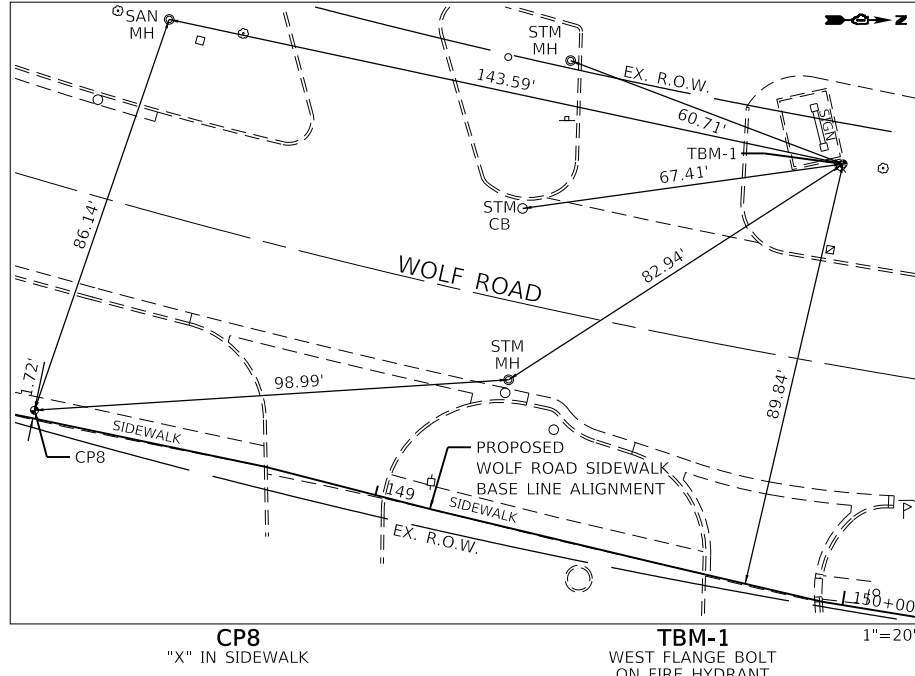
EXISTING WOLF ROAD ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
PI	899+22.66	1977697.63	1099770.09
PT	902+78.97	1978067.68	1099768.85

WOLF ROAD SIDEWALK BASE LINE ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
PC	146+93.69	1977502.14	1099716.18
PI	147+05.36	1977512.68	1099721.21
PT	147+17.03	1977523.43	1099725.74
PI	147+26.06	1977531.75	1099729.25
PI	147+95.09	1977597.54	1099750.19
PI	148+76.11	1977676.85	1099766.72
PI	149+12.39	1977712.00	1099775.70
PI	149+61.84	1977760.09	1099787.19
PI	149+95.74	1977793.11	1099794.89
PC	150+27.02	1977823.99	1099799.88
PI	150+35.90	1977832.77	1099801.21
PRC	150+44.62	1977841.52	1099799.71
PI	150+60.08	1977856.76	1099797.10
PRC	150+74.61	1977870.81	1099803.55
PI	150+83.49	1977878.88	1099807.25
PCC	150+92.22	1977887.71	1099808.23
PI	151+29.61	1977924.87	1099812.34
PCC	151+66.98	1977962.18	1099814.70
PI	151+76.36	1977971.55	1099815.29
PRC	151+85.57	1977980.57	1099812.74
PI	151+92.41	1977987.16	1099810.88
PT	151+99.18	1977994.01	1099810.87
PC	153+13.24	1978108.08	1099810.58
PI	153+22.64	1978117.48	1099810.55
PRC	153+31.83	1978126.25	1099813.95
PI	153+42.17	1978135.90	1099817.68
PT	153+52.28	1978146.24	1099817.65
PC	155+74.96	1978368.92	1099817.09
PI	155+86.86	1978380.82	1099817.06
PRC	155+98.40	1978391.65	1099812.11
PI	156+09.22	1978401.49	1099807.61
PT	156+19.71	1978412.31	1099807.59
PC	156+82.00	1978474.60	1099807.43
PI	156+92.82	1978485.42	1099807.40
PRC	157+03.31	1978495.28	1099811.85
PI	157+15.21	1978506.13	1099816.74
PT	157+26.76	1978518.03	1099816.71

WOLF ROAD SIDEWALK CONTROL POINT COORDINATE TABLE					
DESCRIPTION	ELEVATION	STATION	OFFSET	NORTHING	EASTING
CP8	651.66	148+26.82	1.72' LT	1977628.95	1099754.98
TBM-1	650.97	149+79.22	89.84' LT	1977797.42	1099703.65
CP7	648.77	152+62.03	62.93' LT	1978056.70	1099747.78
TBM-2	649.10	153+84.25	88.34' LT	1978177.99	1099729.23
TBM-3	649.03	157+82.04	84.54' LT	1978573.10	1099732.03
CP6	647.95	159+07.81	67.20' LT	1978698.91	1099749.06

PROP. CURVE BL_WOLF_24	PROP. CURVE BL_WOLF_39	PROP. CURVE BL_WOLF_40	PROP. CURVE BL_WOLF_41	PROP. CURVE BL_WOLF_42	PROP. CURVE BL_WOLF_43
PI STA. = 147+05.36	PI STA. = 150+35.90	PI STA. = 150+60.08	PI STA. = 150+83.49	PI STA. = 151+29.61	PI STA. = 151+76.36
$\Delta = 2^\circ 38' 52''$ (LT)	$\Delta = 18^\circ 20' 26''$ (LT)	$\Delta = 34^\circ 22' 00''$ (RT)	$\Delta = 18^\circ 20' 26''$ (LT)	$\Delta = 2^\circ 41' 34''$ (LT)	$\Delta = 19^\circ 21' 28''$ (LT)
$D = 11^\circ 20' 45''$	$D = 104^\circ 10' 27''$	$D = 114^\circ 35' 30''$	$D = 104^\circ 10' 27''$	$D = 3^\circ 36' 06''$	$D = 104^\circ 10' 27''$
$R = 505.00'$	$R = 55.00'$	$R = 50.00'$	$R = 55.00'$	$R = 1,590.86'$	$R = 55.00'$
$T = 11.67'$	$T = 8.88'$	$T = 15.46'$	$T = 11.90'$	$T = 37.39'$	$T = 9.38'$
$L = 23.34'$	$L = 17.61'$	$L = 29.99'$	$L = 17.61'$	$L = 74.76'$	$L = 18.58'$
$E = 0.13'$	$E = 0.71'$	$E = 2.34'$	$E = 0.71'$	$E = 0.44'$	$E = 0.79'$
P.C. STA. = 146+93.69	P.C. STA. = 150+27.02	P.C. STA. = 150+44.62	P.C. STA. = 150+74.61	P.C. STA. = 150+92.22	P.C. STA. = 151+66.98
P.T. STA. = 147+17.03	P.T. STA. = 150+44.62	P.T. STA. = 150+74.61	P.T. STA. = 150+92.22	P.T. STA. = 151+66.98	P.T. STA. = 151+85.57

PROP. CURVE BL_WOLF_44	PROP. CURVE BL_WOLF_47	PROP. CURVE BL_WOLF_48	PROP. CURVE BL_WOLF_51	PROP. CURVE BL_WOLF_52	PROP. CURVE BL_WOLF_55	PROP. CURVE BL_WOLF_56
PI STA. = 151+92.41	PI STA. = 153+22.64	PI STA. = 153+42.17	PI STA. = 155+86.86	PI STA. = 156+09.22	PI STA. = 156+92.82	PI STA. = 157+15.21
$\Delta = 15^\circ 35' 50''$ (RT)	$\Delta = 21^\circ 18' 07''$ (RT)	$\Delta = 21^\circ 18' 07''$ (LT)	$\Delta = 24^\circ 25' 13''$ (LT)	$\Delta = 24^\circ 25' 13''$ (RT)	$\Delta = 24^\circ 25' 12''$ (RT)	$\Delta = 24^\circ 25' 14''$ (LT)
$D = 114^\circ 35' 30''$	$D = 114^\circ 35' 30''$	$D = 104^\circ 10' 27''$	$D = 104^\circ 10' 27''$	$D = 114^\circ 35' 30''$	$D = 114^\circ 35' 30''$	$D = 104^\circ 10' 27''$
$R = 50.00'$	$R = 50.00'$	$R = 55.00'$	$R = 55.00'$	$R = 50.00'$	$R = 50.00'$	$R = 55.00'$
$T = 6.85'$	$T = 9.40'$	$T = 10.34'$	$T = 11.90'$	$T = 10.82'$	$T = 10.82'$	$T = 11.90'$
$L = 13.61'$	$L = 18.59'$	$L = 20.45'$	$L = 23.44'$	$L = 21.31'$	$L = 21.31'$	$L = 23.44'$
$E = 0.47'$	$E = 0.88'$	$E = 0.96'$	$E = 1.27'$	$E = 1.16'$	$E = 1.16'$	$E = 1.27'$
P.C. STA. = 151+85.57	P.C. STA. = 153+13.24	P.C. STA. = 153+31.83	P.C. STA. = 155+74.96	P.C. STA. = 155+98.40	P.C. STA. = 156+82.00	P.C. STA. = 157+03.31
P.T. STA. = 151+99.18	P.T. STA. = 153+31.83	P.T. STA. = 153+52.28	P.T. STA. = 155+98.40	P.T. STA. = 156+19.71	P.T. STA. = 157+03.31	P.T. STA. = 157+26.76



GHA GEWALT HAMILTON ASSOCIATES, INC.
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 PLOT DATE = 5/25/2023

DESIGNED - MIV
 DRAWN - PJS
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 DATE - 5/24/2023

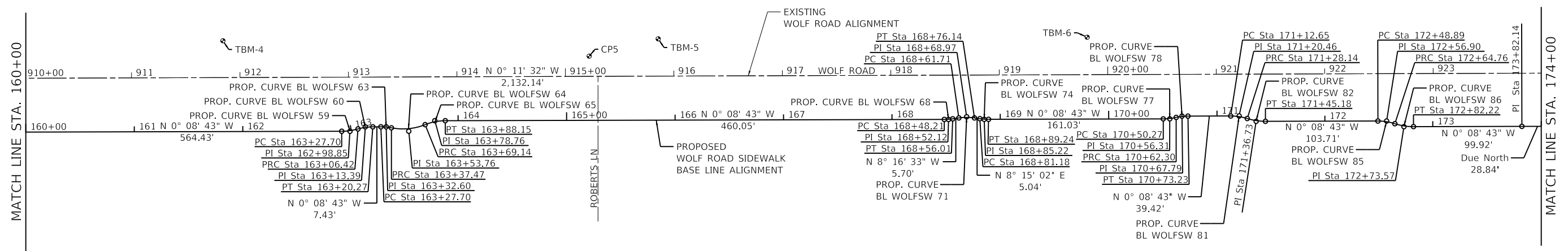
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARK
 WOLF ROAD SIDEWALK**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 146+00 TO STA. 160+00

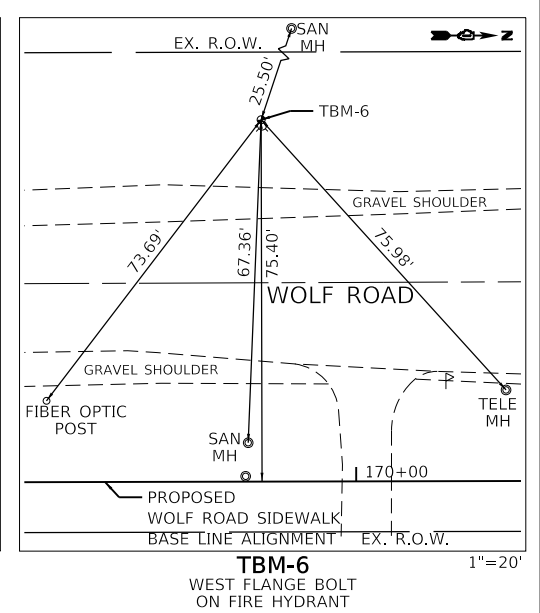
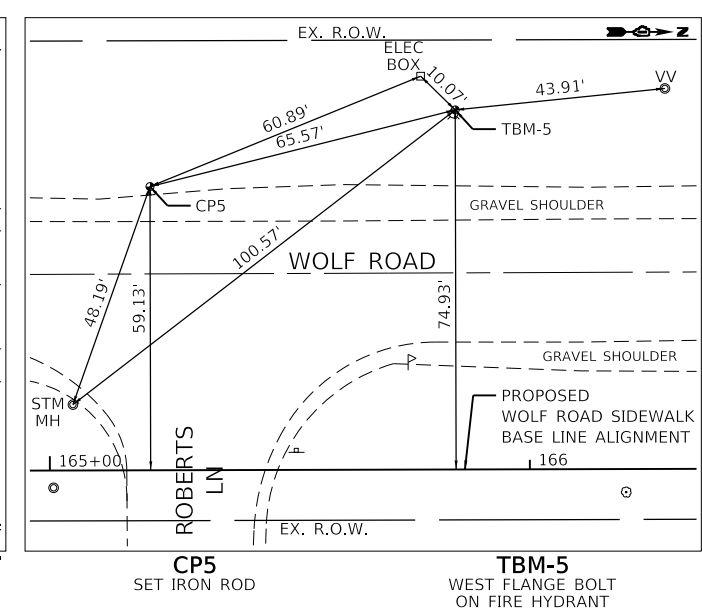
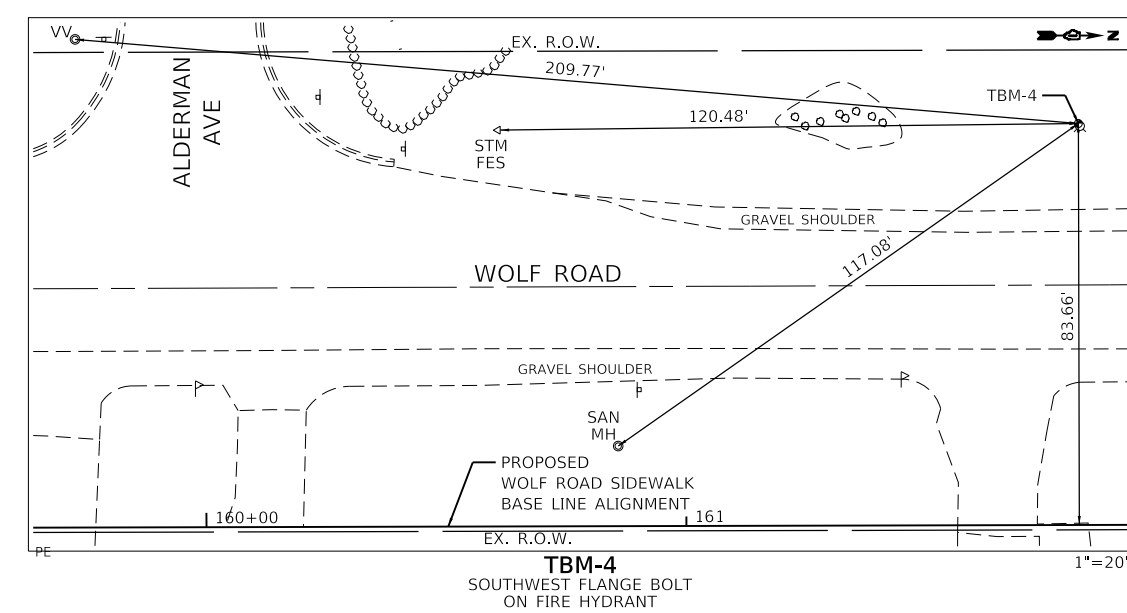
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	23
				CONTRACT NO. 61J53
		ILLINOIS	FED. AID PROJECT	



WOLF ROAD SIDEWALK BASE LINE ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
PC	162+91.19	1979082.46	1099815.28
PI	162+98.85	1979090.13	1099815.26
PRC	163+06.42	1979097.49	1099813.15
PI	163+13.39	1979104.19	1099811.23
PT	163+20.27	1979111.16	1099811.21
PC	163+27.70	1979118.59	1099811.19
PI	163+32.60	1979123.49	1099811.18
PRC	163+37.47	1979128.31	1099812.12
PI	163+53.76	1979144.29	1099815.24
PRC	163+69.14	1979159.40	1099809.16
PI	163+78.76	1979168.32	1099805.56
PT	163+88.15	1979177.95	1099805.54
PC	168+48.21	1979638.00	1099804.37
PI	168+52.12	1979641.91	1099804.36
PT	168+56.01	1979645.77	1099803.80
PC	168+61.71	1979651.42	1099802.98
PI	168+68.97	1979658.60	1099801.93
PT	168+76.14	1979665.79	1099802.98
PC	168+81.18	1979670.78	1099803.70
PI	168+85.22	1979674.78	1099804.28
PT	168+89.24	1979678.81	1099804.27
PC	170+50.27	1979839.85	1099803.86
PI	170+56.31	1979845.88	1099803.85
PRC	170+62.30	1979851.77	1099802.52
PI	170+67.79	1979857.13	1099801.32
PT	170+73.23	1979862.62	1099801.30
PC	171+12.65	1979902.03	1099801.20
PI	171+20.46	1979909.84	1099801.18
PRC	171+28.14	1979917.29	1099803.55
PI	171+36.73	1979925.47	1099806.14
PT	171+45.18	1979934.06	1099806.12
PC	172+48.89	1980037.77	1099805.86
PI	172+56.90	1980045.77	1099805.84
PRC	172+64.76	1980053.38	1099808.32
PI	172+73.57	1980061.75	1099811.04
PT	172+82.22	1980070.56	1099811.02
PI	173+82.14	1980170.48	1099810.77

WOLF ROAD SIDEWALK CONTROL POINT COORDINATE TABLE					
DESCRIPTION	ELEVATION	STATION	OFFSET	NORTHING	EASTING
TBM-4	649.62	161+81.88	83.66' LT	1978972.94	1099731.89
CP5	648.46	165+21.01	59.13' LT	1979310.65	1099746.08
TBM-5	649.91	165+84.65	74.93' LT	1979374.25	1099730.12
TBM-6	650.14	169+80.37	75.40' LT	1979769.76	1099728.64

PROP. CURVE BL_WOLF SW_59 PI STA. = 162+98.85 $\Delta = 15^\circ 51' 56''$ (LT) $D = 104^\circ 10' 27''$ $R = 55.00'$ $T = 7.66'$ $L = 15.23'$ $E = 0.53'$ P.C. STA. = 162+91.19 P.T. STA. = 163+06.42	PROP. CURVE BL_WOLF SW_60 PI STA. = 163+13.39 $\Delta = 15^\circ 51' 58''$ (RT) $D = 114^\circ 35' 30''$ $R = 50.00'$ $T = 6.97'$ $L = 13.85'$ $E = 0.48'$ P.C. STA. = 163+06.42 P.T. STA. = 163+20.27	PROP. CURVE BL_WOLF SW_63 PI STA. = 163+32.60 $\Delta = 11^\circ 12' 03''$ (RT) $D = 114^\circ 35' 30''$ $R = 50.00'$ $T = 4.90'$ $L = 9.77'$ $E = 0.24'$ P.C. STA. = 163+27.70 P.T. STA. = 163+37.47	PROP. CURVE BL_WOLF SW_64 PI STA. = 163+53.76 $\Delta = 32^\circ 59' 15''$ (LT) $D = 104^\circ 10' 27''$ $R = 55.00'$ $T = 16.29'$ $L = 31.67'$ $E = 2.36'$ P.C. STA. = 163+37.47 P.T. STA. = 163+69.14	PROP. CURVE BL_WOLF SW_65 PI STA. = 163+78.76 $\Delta = 21^\circ 47' 13''$ (RT) $D = 114^\circ 35' 30''$ $R = 50.00'$ $T = 9.62'$ $L = 19.01'$ $E = 0.92'$ P.C. STA. = 163+69.14 P.T. STA. = 163+88.15	PROP. CURVE BL_WOLF SW_68 PI STA. = 168+52.12 $\Delta = 8^\circ 07' 50''$ (LT) $D = 104^\circ 10' 27''$ $R = 55.00'$ $T = 3.91'$ $L = 7.80'$ $E = 0.14'$ P.C. STA. = 168+48.21 P.T. STA. = 168+56.01
PROP. CURVE BL_WOLF SW_71 PI STA. = 168+68.97 $\Delta = 16^\circ 31' 35''$ (RT) $D = 114^\circ 35' 30''$ $R = 50.00'$ $T = 7.26'$ $L = 14.42'$ $E = 0.52'$ P.C. STA. = 168+61.71 P.T. STA. = 168+76.14	PROP. CURVE BL_WOLF SW_74 PI STA. = 168+85.22 $\Delta = 8^\circ 23' 45''$ (LT) $D = 104^\circ 10' 27''$ $R = 55.00'$ $T = 4.04'$ $L = 8.06'$ $E = 0.15'$ P.C. STA. = 168+81.18 P.T. STA. = 168+89.24	PROP. CURVE BL_WOLF SW_77 PI STA. = 170+56.31 $\Delta = 12^\circ 31' 40''$ (LT) $D = 104^\circ 10' 27''$ $R = 55.00'$ $T = 6.04'$ $L = 12.03'$ $E = 0.33'$ P.C. STA. = 170+50.27 P.T. STA. = 170+62.30	PROP. CURVE BL_WOLF SW_78 PI STA. = 170+67.79 $\Delta = 12^\circ 31' 41''$ (RT) $D = 114^\circ 35' 30''$ $R = 50.00'$ $T = 5.49'$ $L = 10.93'$ $E = 0.30'$ P.C. STA. = 170+62.30 P.T. STA. = 170+73.23	PROP. CURVE BL_WOLF SW_81 PI STA. = 171+20.46 $\Delta = 17^\circ 45' 10''$ (RT) $D = 114^\circ 35' 30''$ $R = 50.00'$ $T = 7.81'$ $L = 15.49'$ $E = 0.61'$ P.C. STA. = 171+12.65 P.T. STA. = 171+28.14	PROP. CURVE BL_WOLF SW_82 PI STA. = 171+36.73 $\Delta = 17^\circ 45' 10''$ (LT) $D = 104^\circ 10' 27''$ $R = 55.00'$ $T = 8.59'$ $L = 17.04'$ $E = 0.67'$ P.C. STA. = 171+28.14 P.T. STA. = 171+45.18
PROP. CURVE BL_WOLF SW_85 PI STA. = 172+56.90 $\Delta = 18^\circ 11' 13''$ (RT) $D = 114^\circ 35' 30''$ $R = 50.00'$ $T = 8.00'$ $L = 15.87'$ $E = 0.64'$ P.C. STA. = 172+48.89 P.T. STA. = 172+64.76	PROP. CURVE BL_WOLF SW_86 PI STA. = 172+73.57 $\Delta = 18^\circ 11' 13''$ (LT) $D = 104^\circ 10' 27''$ $R = 55.00'$ $T = 8.80'$ $L = 17.46'$ $E = 0.70'$ P.C. STA. = 172+64.76 P.T. STA. = 172+82.22				



GHA GEWALT HAMILTON ASSOCIATES, INC.
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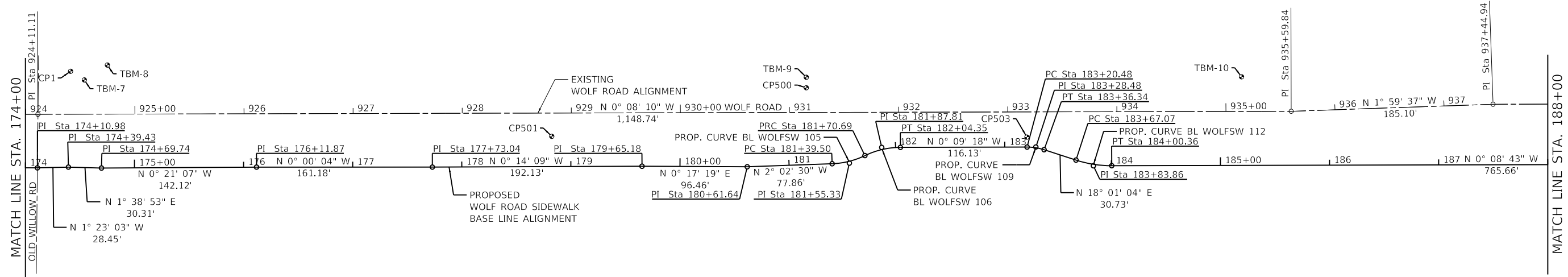
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARK			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
2692	19-00054-00-SW	COOK	158
			SHEET NO. 24
CONTRACT NO. 61J53			

SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. 160+00 TO STA. 174+00

ILLINOIS	FED. AID PROJECT
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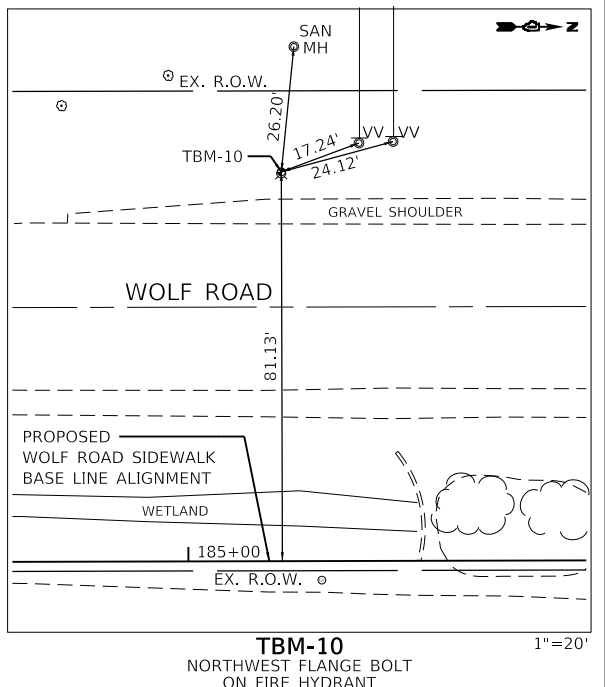
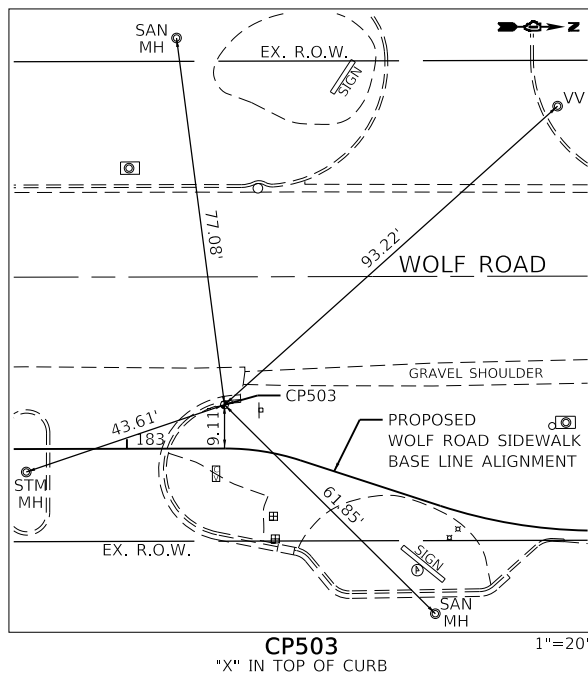
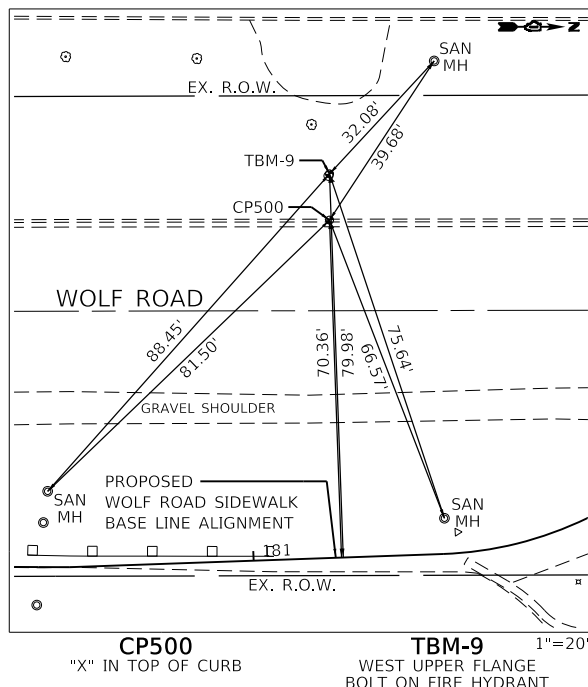
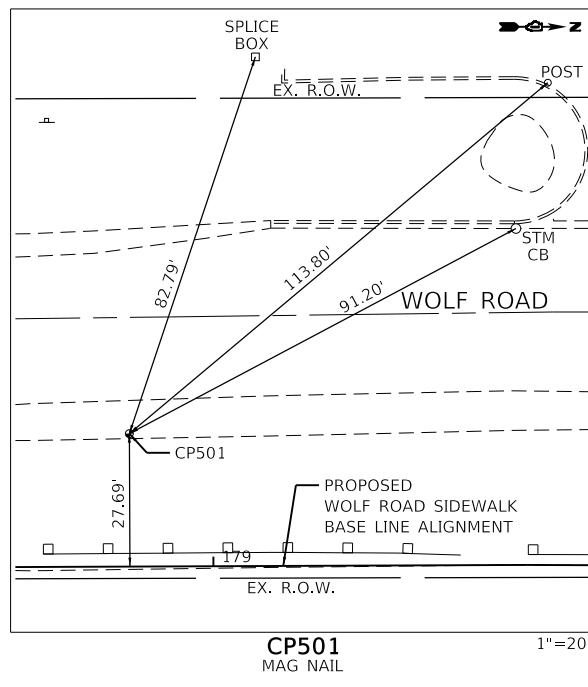
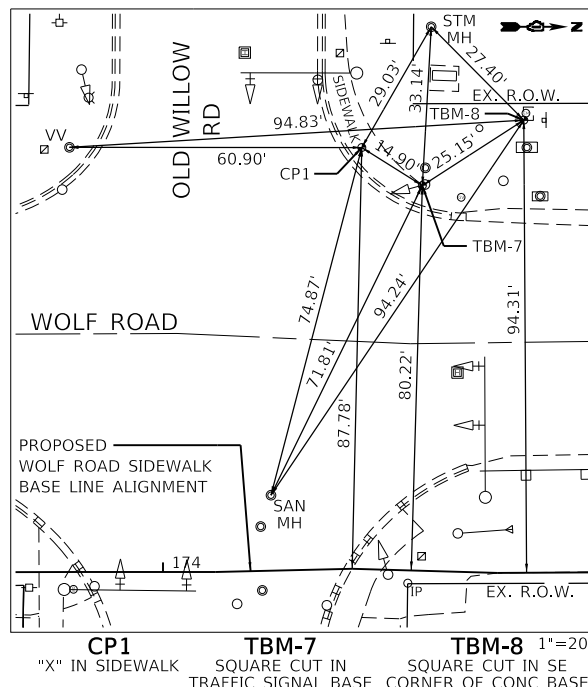


DESCRIPTION	STATION	NORTHING	EASTING
PI	174+10.98	1980199.32	1099810.77
PI	174+39.43	1980227.76	1099810.08
PI	174+69.74	1980258.06	1099810.95
PI	176+11.87	1980400.18	1099810.08
PI	177+73.04	1980561.36	1099810.08
PI	179+65.18	1980753.49	1099809.29
PI	180+61.64	1980849.95	1099809.77
PC	181+39.50	1980927.76	1099807.00
PI	181+55.33	1980943.57	1099806.44
PRC	181+70.69	1980957.81	1099799.53
PI	181+87.81	1980973.22	1099792.06
PT	182+04.35	1980990.34	1099792.01
PC	183+20.48	1981106.46	1099791.70
PI	183+28.48	1981114.46	1099791.68
PT	183+36.34	1981122.06	1099794.15
PC	183+67.07	1981151.29	1099803.66
PI	183+83.86	1981167.25	1099808.85
PT	184+00.36	1981184.03	1099808.81

DESCRIPTION	STATION	NORTHING	EASTING
PI	924+11.11	1980199.80	1099761.70
PI	935+59.84	1981348.54	1099758.97
PI	937+44.94	1981533.52	1099752.53

DESCRIPTION	ELEVATION	STATION	OFFSET	NORTHING	EASTING
CP1	648.50	174+39.43	87.78' LT	1980229.74	1099722.32
TBM-7	648.88	174+51.73	80.22' LT	1980242.36	1099730.24
TBM-8	648.39	174+75.77	94.31' LT	1980263.50	1099716.61
CP501	648.89	178+82.59	27.69' LT	1980670.79	1099781.94
CP500	649.33	181+18.33	70.36' LT	1980904.10	1099737.44
TBM-9	650.86	181+18.67	79.98' LT	1980904.09	1099727.81
CP503	648.90	183+20.34	9.11' LT	1981106.30	1099782.59
TBM-10	649.15	185+19.57	81.13' LT	1981303.04	1099727.37

PROP. CURVE BL_WOLFSW_105	PROP. CURVE BL_WOLFSW_106	PROP. CURVE BL_WOLFSW_109	PROP. CURVE BL_WOLFSW_112
PI STA. = 181+55.33	PI STA. = 181+87.81	PI STA. = 183+28.48	PI STA. = 183+83.86
$\Delta = 23^\circ 49' 43''$ (LT)	$\Delta = 25^\circ 42' 55''$ (RT)	$\Delta = 18^\circ 10' 16''$ (RT)	$\Delta = 18^\circ 09' 47''$ (LT)
D = 76° 23' 40"	D = 76° 23' 40"	D = 114° 35' 30"	D = 54° 34' 03"
R = 75.00'	R = 75.00'	R = 50.00'	R = 105.00'
T = 15.82'	T = 17.12'	T = 8.00'	T = 16.78'
L = 31.19'	L = 33.66'	L = 15.86'	L = 33.29'
E = 1.65'	E = 1.93'	E = 0.64'	E = 1.33'
P.C. STA. = 181+39.50	P.C. STA. = 181+70.69	P.C. STA. = 183+20.48	P.C. STA. = 183+67.07
P.T. STA. = 181+70.69	P.T. STA. = 182+04.35	P.T. STA. = 183+36.34	P.T. STA. = 184+00.36



GHA GEWALT HAMILTON ASSOCIATES, INC.
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USER NAME = mvasak
 DESIGNED - MIV
 DRAWN - PJS
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

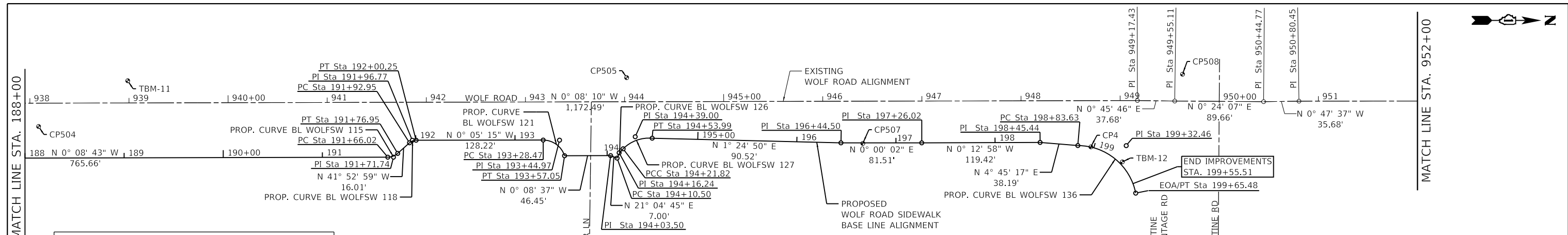
**ALIGNMENT, TIES AND BENCHMARK
 WOLF ROAD SIDEWALK**

SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. 174+00 TO STA. 188+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	25

CONTRACT NO. 61J53

ILLINOIS FED. AID PROJECT

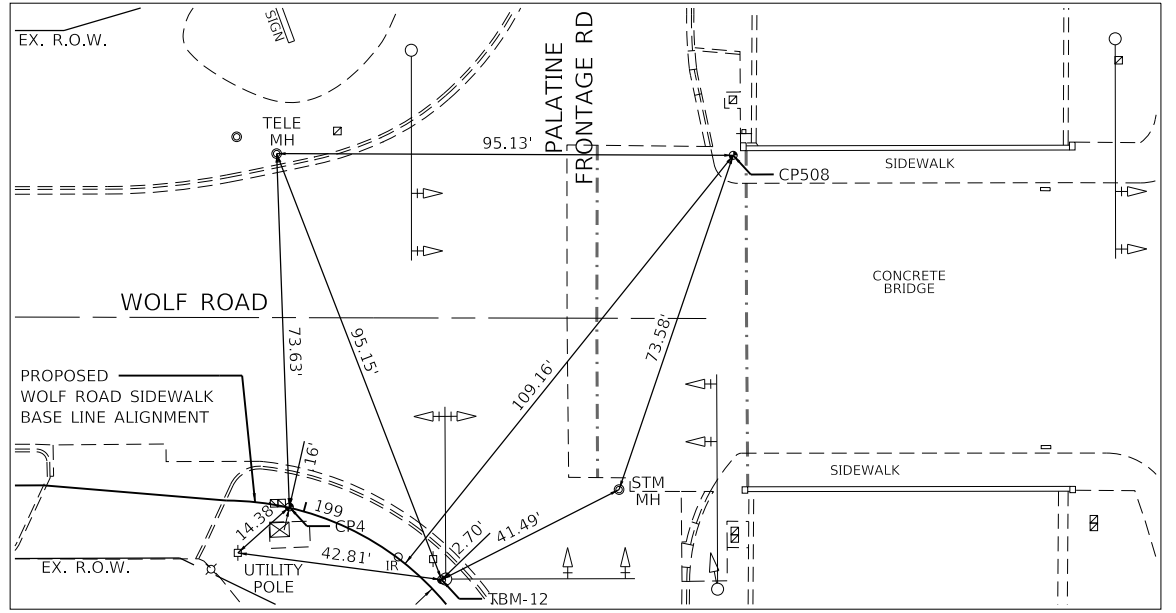
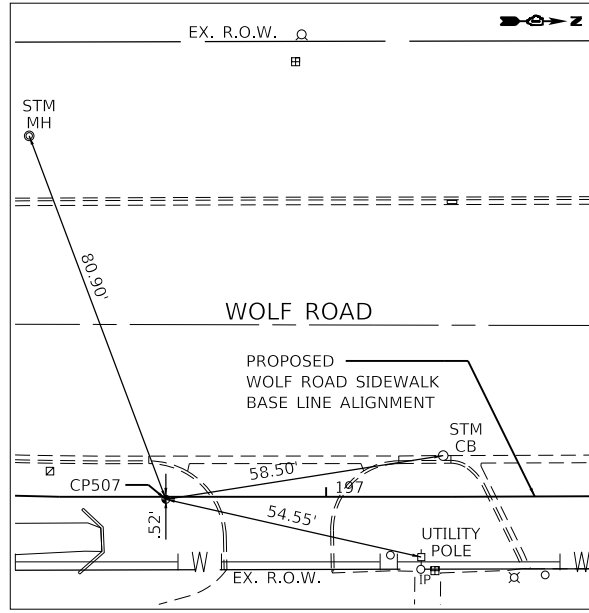
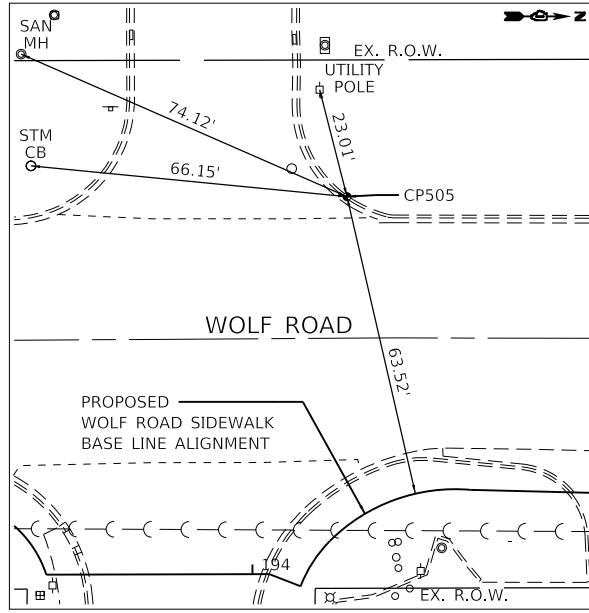
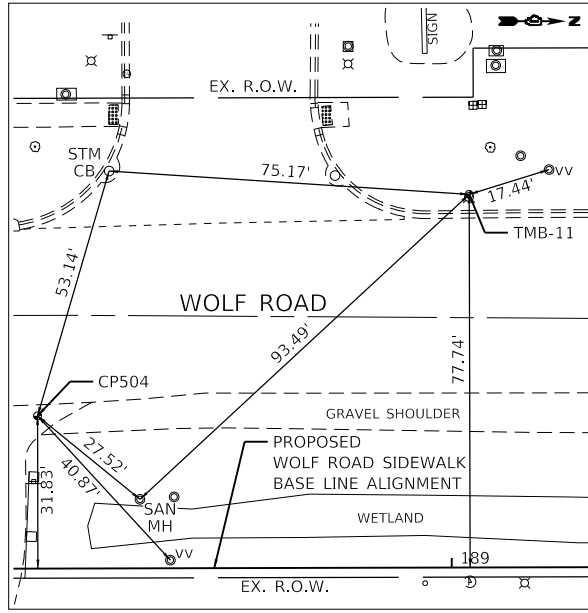


WOLF ROAD SIDEWALK BASE LINE ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
PC	191+66.02	1981949.69	1099806.87
PI	191+71.74	1981955.41	1099806.85
PT	191+76.95	1981959.67	1099803.03
PC	191+92.95	1981971.59	1099792.35
PI	191+96.77	1981974.43	1099789.80
PT	192+00.25	1981978.25	1099789.79
PC	193+28.47	1982106.47	1099789.60
PI	193+44.97	1982122.97	1099789.71
PT	193+57.05	1982127.34	1099806.45
PI	194+03.50	1982174.50	1099805.30
PC	194+10.50	1982181.03	1099807.82
PI	194+16.24	1982183.10	1099802.46
PCC	194+21.82	1982187.14	1099798.39
PI	194+39.00	1982199.31	1099786.26
PT	194+53.99	1982216.43	1099787.74
PI	196+44.50	1982406.89	1099792.44
PI	197+26.02	1982488.40	1099792.44
PI	198+45.44	1982607.83	1099791.99
PC	198+83.63	1982645.89	1099795.15
PI	199+32.46	1982694.72	1099795.24
EOA/PT	199+65.48	1982704.30	1099843.12

EXISTING WOLF ROAD ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
PI	949+17.43	1982706.01	1099749.74
PI	949+55.11	1982743.69	1099750.24
PI	950+44.77	1982833.34	1099750.87
PI	950+80.45	1982869.02	1099750.38
EOA	957+80.45	1983569.02	1099749.49

WOLF ROAD SIDEWALK CONTROL POINT COORDINATE TABLE					
DESCRIPTION	ELEVATION	STATION	OFFSET	NORTHING	EASTING
CP504	647.54	188+13.77	31.83' LT	1981597.36	1099775.93
TBM-11	648.53	189+03.82	77.74' LT	1981687.30	1099729.79
CP505	646.51	194+42.43	63.52' LT	1982190.69	1099726.65
CP507	646.68	196+66.59	0.52' RT	1982428.98	1099796.49
CP4	647.66	198+96.88	0.16' LT	1982659.06	1099796.49
CP508	647.49	199+23.92	109.16' LT	1982751.54	1099723.21
TBM-12	647.32	199+31.61	2.70' LT	1982690.77	1099811.63

PROP. CURVE BL_WOLFWSW_115	PROP. CURVE BL_WOLFWSW_118	PROP. CURVE BL_WOLFWSW_121	PROP. CURVE BL_WOLFWSW_126	PROP. CURVE BL_WOLFWSW_127	PROP. CURVE BL_WOLFWSW_136
PI STA. = 191+71.74	PI STA. = 191+96.77	PI STA. = 193+44.97	PI STA. = 194+16.24	PI STA. = 194+39.00	PI STA. = 199+32.46
Δ = 41° 44' 16" (LT)	Δ = 41° 47' 44" (RT)	Δ = 71° 40' 23" (RT)	Δ = 23° 46' 03" (RT)	Δ = 49° 48' 49" (RT)	Δ = 78° 34' 57" (RT)
D = 381' 58" 19"	D = 572' 57" 28"	D = 250' 44" 50"	D = 210° 01' 48"	D = 154° 50' 40"	D = 96° 00' 30"
R = 15.00'	R = 10.00'	R = 22.85'	R = 27.28'	R = 37.00'	R = 59.68'
T = 5.72'	T = 3.82'	T = 16.50'	T = 5.74'	T = 17.18'	T = 48.83'
L = 10.93'	L = 7.29'	L = 28.58'	L = 11.32'	L = 32.17'	L = 81.85'
E = 1.05'	E = 0.70'	E = 5.34'	E = 0.60'	E = 3.79'	E = 17.43'
P.C. STA. = 191+66.02	P.C. STA. = 191+92.95	P.C. STA. = 193+28.47	P.C. STA. = 194+10.50	P.C. STA. = 194+21.82	P.C. STA. = 198+83.63
P.T. STA. = 191+76.95	P.T. STA. = 192+00.25	P.T. STA. = 193+57.05	P.T. STA. = 194+21.82	P.T. STA. = 194+53.99	P.T. STA. = 199+65.48



GHA GEWALT HAMILTON ASSOCIATES, INC.
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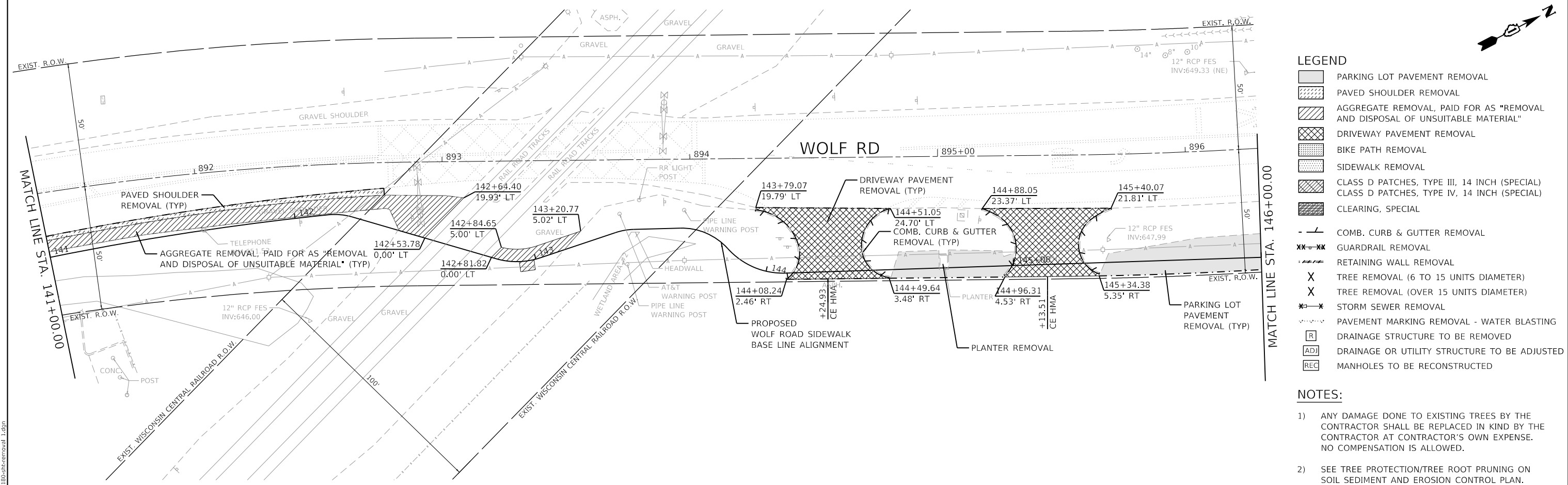
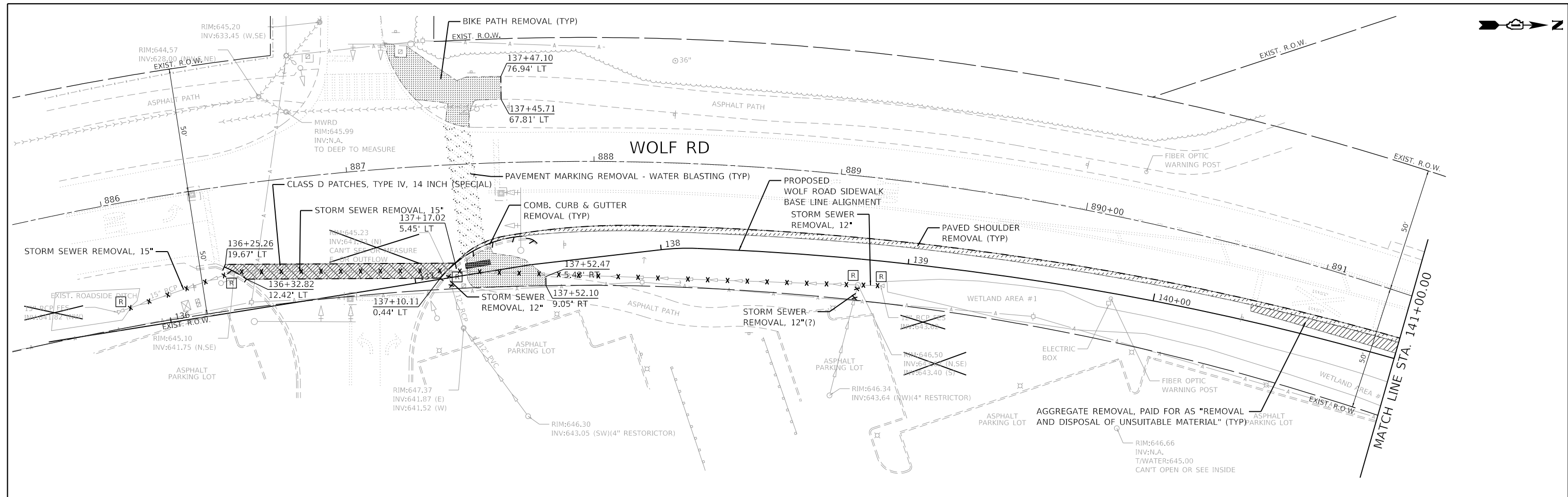
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARK
 WOLF ROAD SIDEWALK

SCALE: 1"=50' SHEET 5 OF 5 SHEETS STA. 188+00 TO STA. 199+65.48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	26
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PARKING LOT PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - AGGREGATE REMOVAL, PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"
 - DRIVEWAY PAVEMENT REMOVAL
 - BIKE PATH REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)
 - CLASS D PATCHES, TYPE IV, 14 INCH (SPECIAL)
 - CLEARING, SPECIAL
 - COMB. CURB & GUTTER REMOVAL
 - GUARDRAIL REMOVAL
 - RETAINING WALL REMOVAL
 - TREE REMOVAL (6 TO 15 UNITS DIAMETER)
 - TREE REMOVAL (OVER 15 UNITS DIAMETER)
 - STORM SEWER REMOVAL
 - PAVEMENT MARKING REMOVAL - WATER BLASTING
 - DRAINAGE STRUCTURE TO BE REMOVED
 - DRAINAGE OR UTILITY STRUCTURE TO BE ADJUSTED
 - MANHOLES TO BE RECONSTRUCTED

- NOTES:**
- 1) ANY DAMAGE DONE TO EXISTING TREES BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT CONTRACTOR'S OWN EXPENSE. NO COMPENSATION IS ALLOWED.
 - 2) SEE TREE PROTECTION/TREE ROOT PRUNING ON SOIL SEDIMENT AND EROSION CONTROL PLAN.

GHA GEWALT HAMILTON ASSOCIATES, INC.
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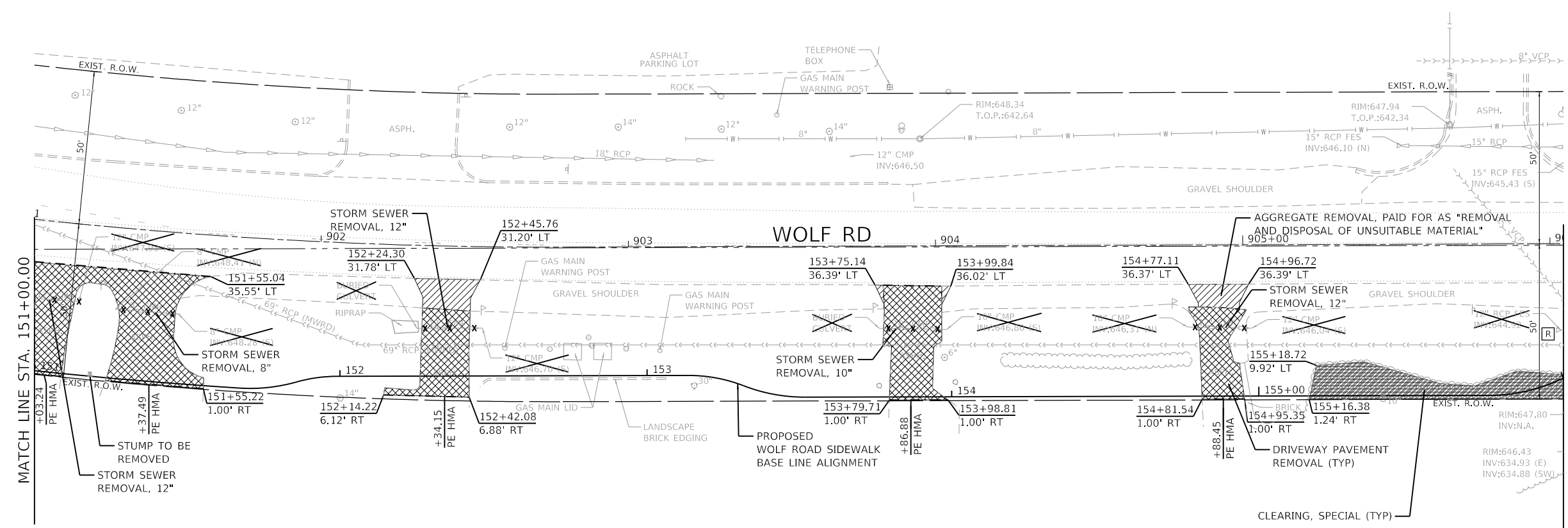
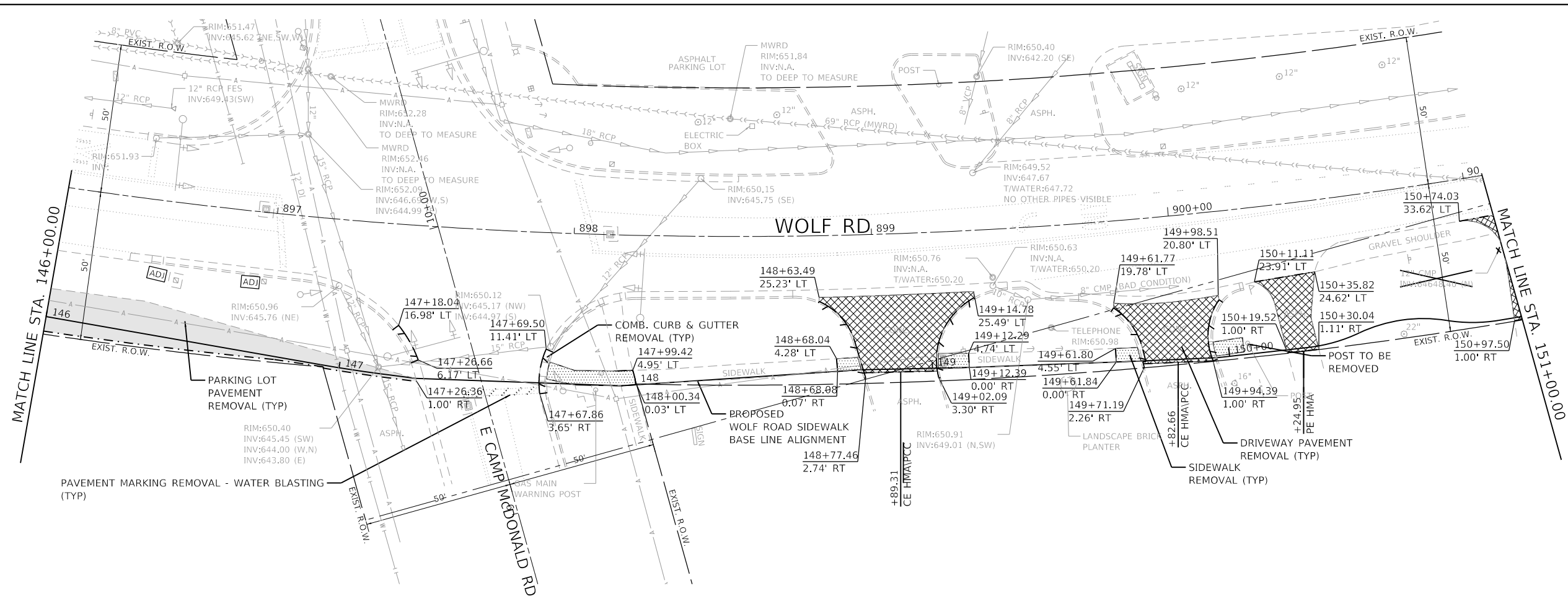
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		DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
WOLF ROAD SIDEWALK

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 135+50 TO STA. 146+00

F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 27
CONTRACT NO. 61153			ILLINOIS FED. AID PROJECT	



- LEGEND**
- PARKING LOT PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - AGGREGATE REMOVAL, PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"
 - DRIVEWAY PAVEMENT REMOVAL
 - BIKE PATH REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)
 - CLASS D PATCHES, TYPE IV, 14 INCH (SPECIAL)
 - CLEARING, SPECIAL
 - COMB. CURB & GUTTER REMOVAL
 - GUARDRAIL REMOVAL
 - RETAINING WALL REMOVAL
 - TREE REMOVAL (6 TO 15 UNITS DIAMETER)
 - TREE REMOVAL (OVER 15 UNITS DIAMETER)
 - STORM SEWER REMOVAL
 - PAVEMENT MARKING REMOVAL - WATER BLASTING
 - DRAINAGE STRUCTURE TO BE REMOVED
 - DRAINAGE OR UTILITY STRUCTURE TO BE ADJUSTED
 - MANHOLES TO BE RECONSTRUCTED

- NOTES:**
- 1) ANY DAMAGE DONE TO EXISTING TREES BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT CONTRACTOR'S OWN EXPENSE. NO COMPENSATION IS ALLOWED.
 - 2) SEE TREE PROTECTION/TREE ROOT PRUNING ON SOIL SEDIMENT AND EROSION CONTROL PLAN.

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4755-180-sht-removal 2.dgn
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 FILE Number: 4755-180-sht-removal 2.dgn

USER NAME = mvacak
 PLOT SCALE = 1:40
 PLOT DATE = 11/9/2023

DESIGNED - MJV
 DRAWN - PJS
 CHECKED - MJV
 DATE - 11/9/2023

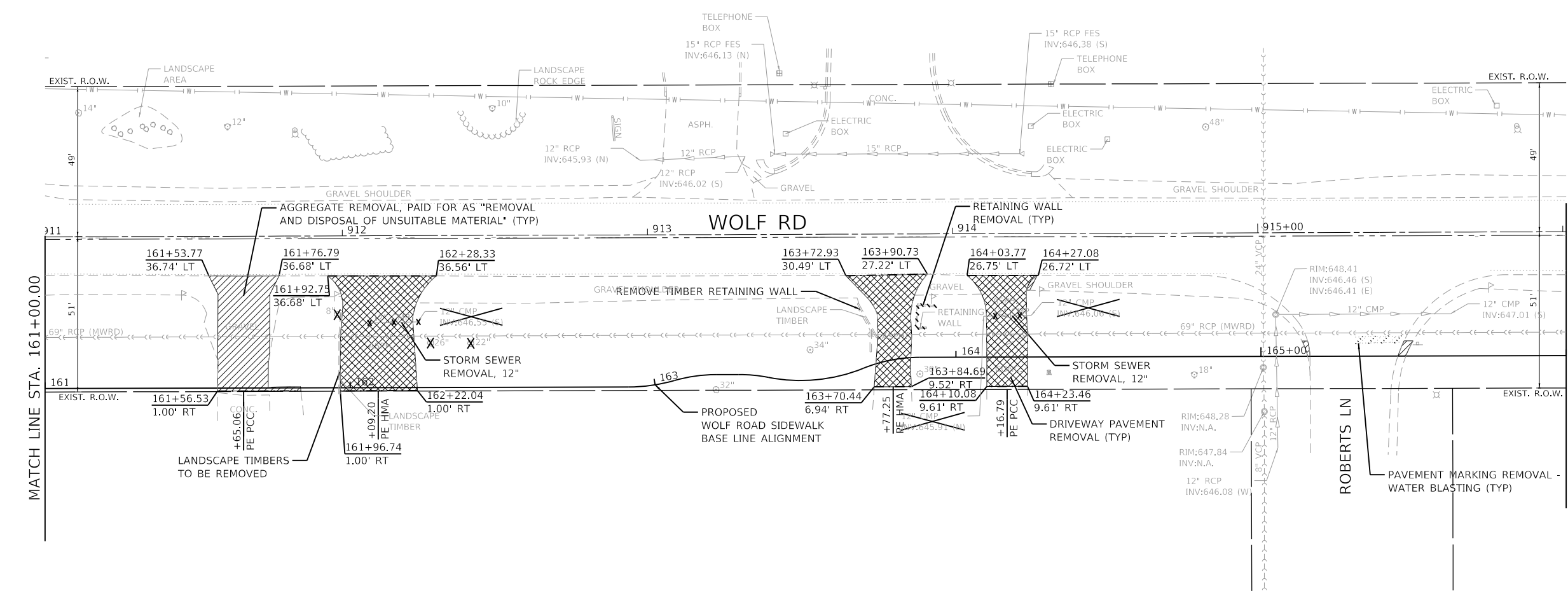
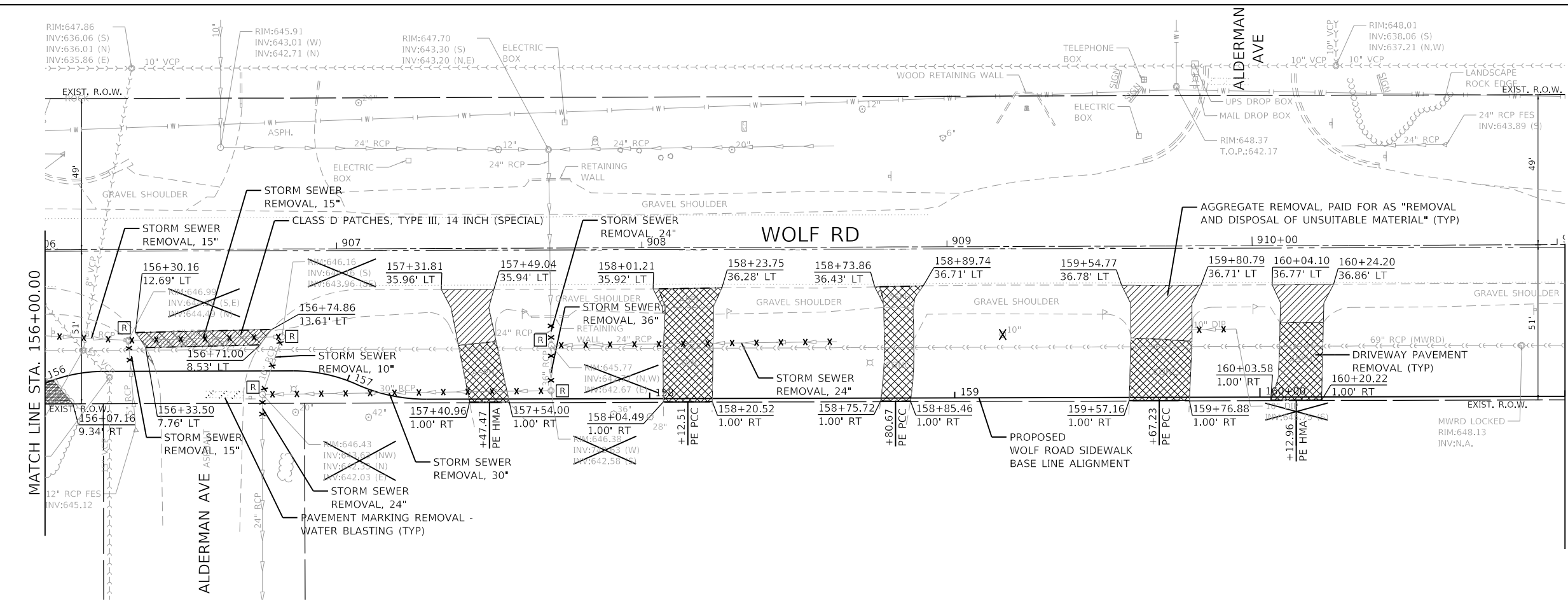
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
 WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 146+00 TO STA. 156+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	28
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



LEGEND

- PARKING LOT PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- AGGREGATE REMOVAL, PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"
- DRIVEWAY PAVEMENT REMOVAL
- BIKE PATH REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)
- CLASS D PATCHES, TYPE IV, 14 INCH (SPECIAL)
- CLEARING, SPECIAL
- COMB. CURB & GUTTER REMOVAL
- GUARDRAIL REMOVAL
- RETAINING WALL REMOVAL
- TREE REMOVAL (6 TO 15 UNITS DIAMETER)
- TREE REMOVAL (OVER 15 UNITS DIAMETER)
- STORM SEWER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- DRAINAGE STRUCTURE TO BE REMOVED
- DRAINAGE OR UTILITY STRUCTURE TO BE ADJUSTED
- MANHOLES TO BE RECONSTRUCTED

- NOTES:**
- ANY DAMAGE DONE TO EXISTING TREES BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT CONTRACTOR'S OWN EXPENSE. NO COMPENSATION IS ALLOWED.
 - SEE TREE PROTECTION/TREE ROOT PRUNING ON SOIL SEDIMENT AND EROSION CONTROL PLAN.

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4755-180-sht-removal 3.dgn
 USER NAME = mvasak
 DESIGNED - MJV
 DRAWN - PJS
 PLOT SCALE = 1:40
 PLOT DATE = 11/9/2023

DESIGNED - MJV
 DRAWN - PJS
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 DATE - 11/9/2023

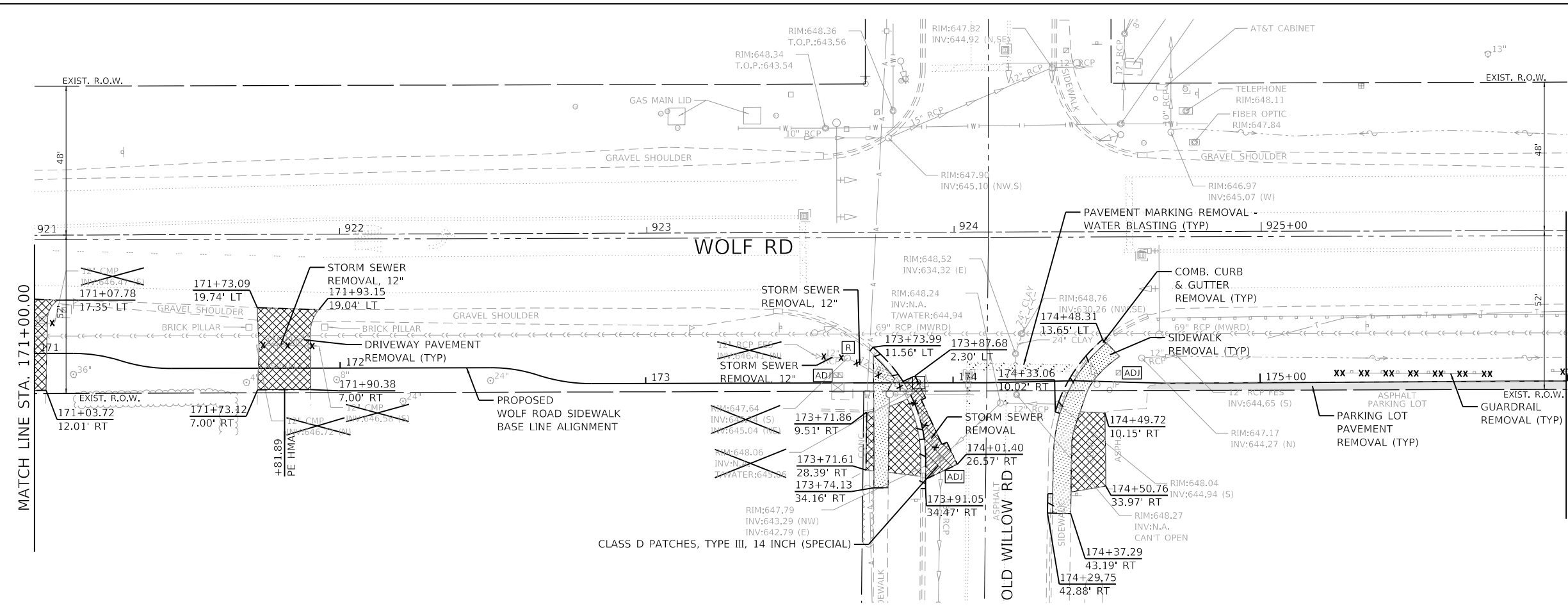
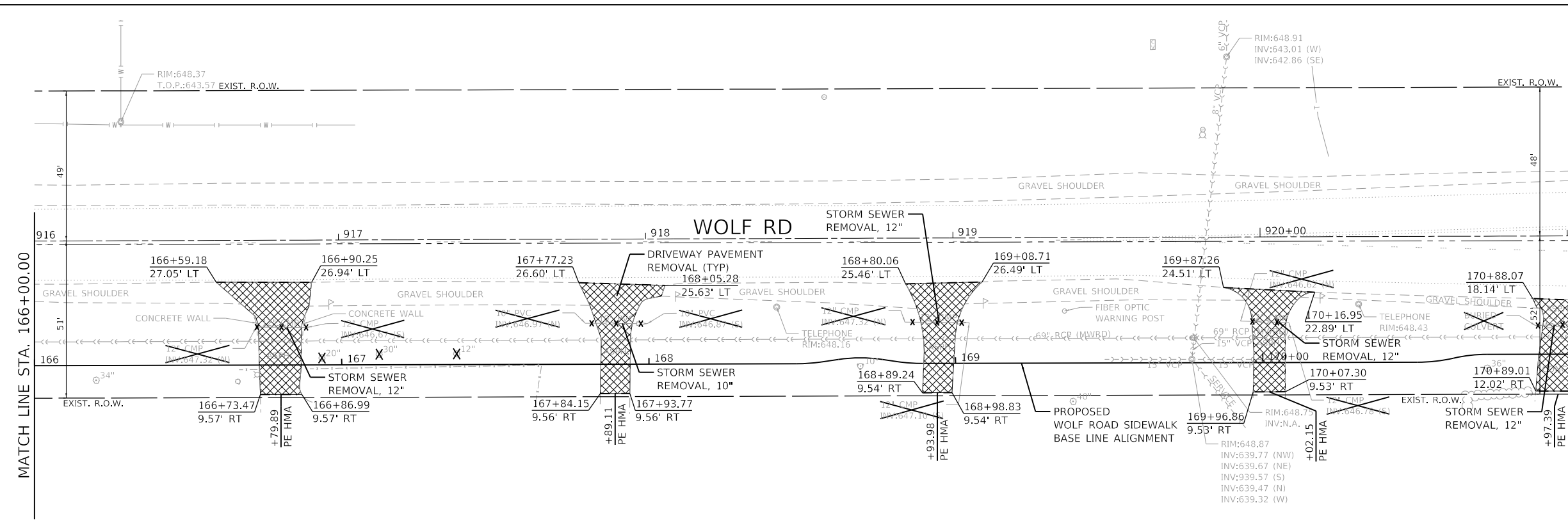
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
 WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 156+00 TO STA. 166+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	29
				CONTRACT NO. 61153
ILLINOIS FED. AID PROJECT				



LEGEND

- PARKING LOT PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- AGGREGATE REMOVAL, PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"
- DRIVEWAY PAVEMENT REMOVAL
- BIKE PATH REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)
- CLASS D PATCHES, TYPE IV, 14 INCH (SPECIAL)
- CLEARING, SPECIAL
- COMB. CURB & GUTTER REMOVAL
- GUARDRAIL REMOVAL
- RETAINING WALL REMOVAL
- TREE REMOVAL (6 TO 15 UNITS DIAMETER)
- TREE REMOVAL (OVER 15 UNITS DIAMETER)
- STORM SEWER REMOVAL
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- DRAINAGE STRUCTURE TO BE REMOVED
- DRAINAGE OR UTILITY STRUCTURE TO BE ADJUSTED
- MANHOLES TO BE RECONSTRUCTED

- NOTES:**
- ANY DAMAGE DONE TO EXISTING TREES BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT CONTRACTOR'S OWN EXPENSE. NO COMPENSATION IS ALLOWED.
 - SEE TREE PROTECTION/TREE ROOT PRUNING ON SOIL SEDIMENT AND EROSION CONTROL PLAN.

GHA GEWALT HAMILTON ASSOCIATES, INC.
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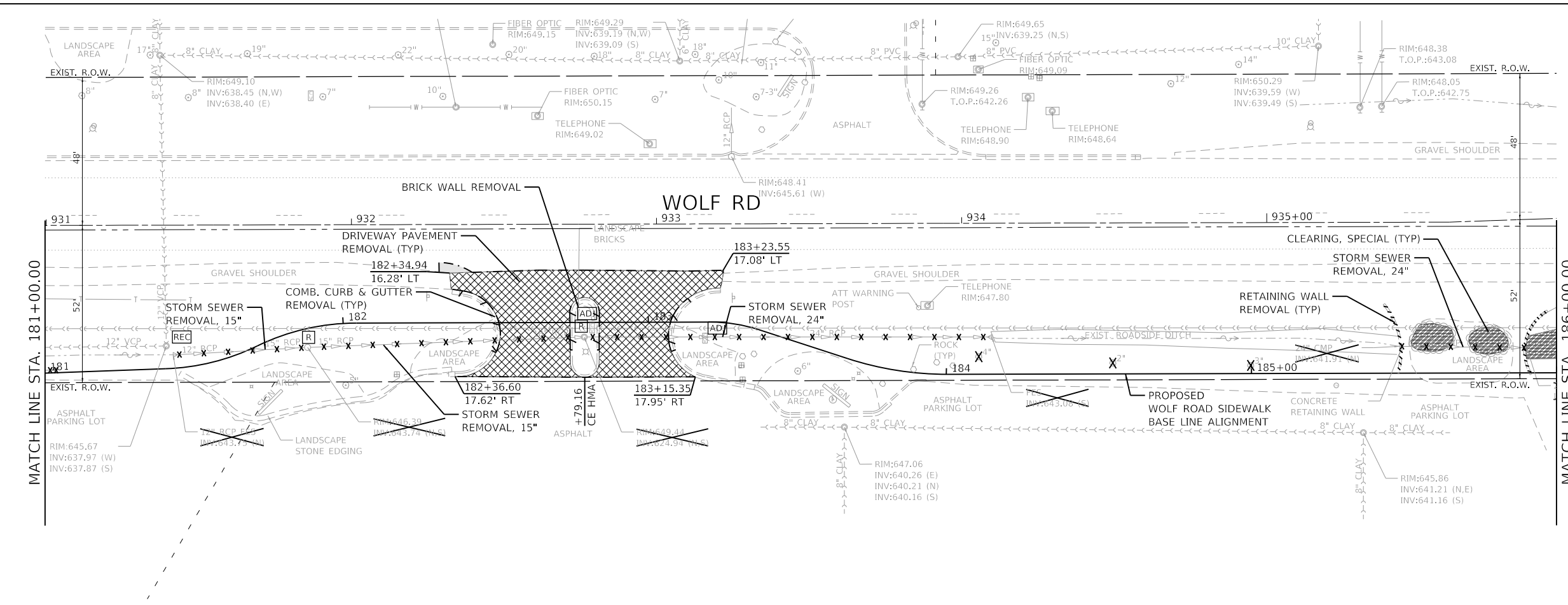
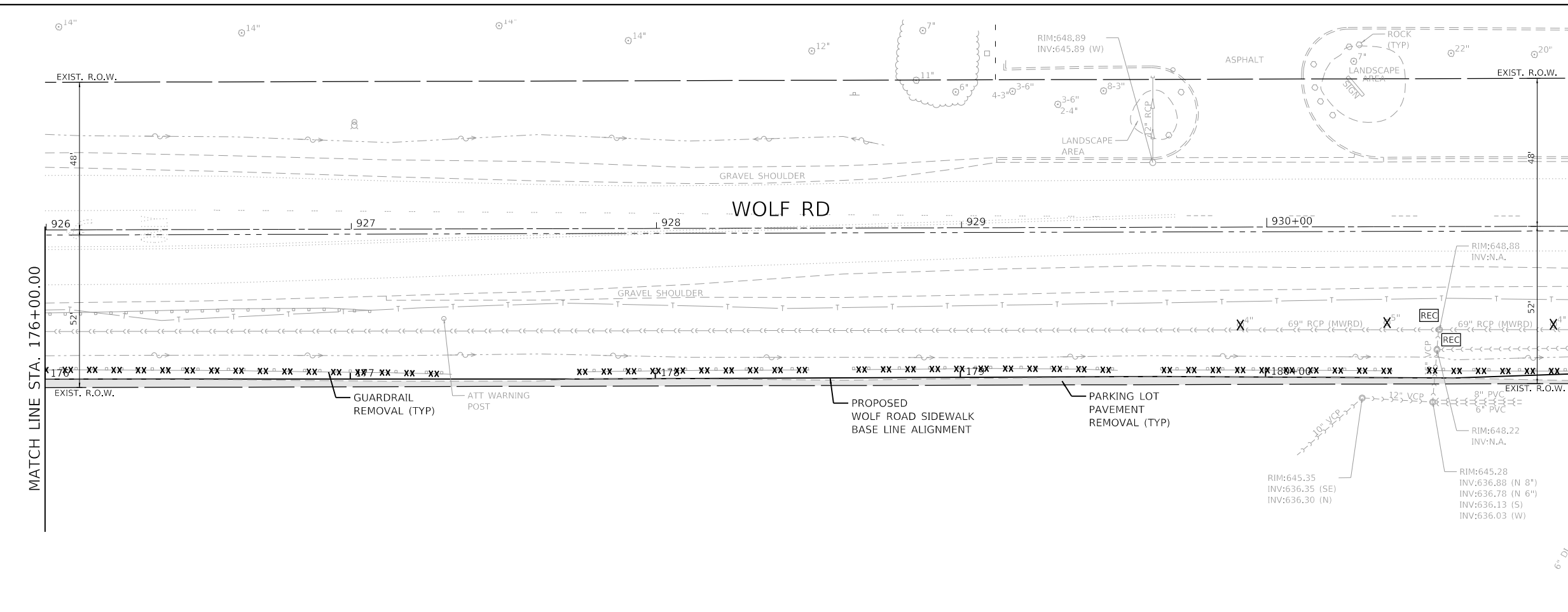
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Default	PLOT DATE = 11/9/2023	CHECKED - MJV	REVISED -
		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 166+00 TO STA. 176+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	30
				CONTRACT NO. 61153
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PARKING LOT PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - AGGREGATE REMOVAL, PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"
 - DRIVEWAY PAVEMENT REMOVAL
 - BIKE PATH REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)
 - CLASS D PATCHES, TYPE IV, 14 INCH (SPECIAL)
 - CLEARING, SPECIAL
 - COMB. CURB & GUTTER REMOVAL
 - GUARDRAIL REMOVAL
 - RETAINING WALL REMOVAL
 - TREE REMOVAL (6 TO 15 UNITS DIAMETER)
 - TREE REMOVAL (OVER 15 UNITS DIAMETER)
 - STORM SEWER REMOVAL
 - PAVEMENT MARKING REMOVAL - WATER BLASTING
 - DRAINAGE STRUCTURE TO BE REMOVED
 - DRAINAGE OR UTILITY STRUCTURE TO BE ADJUSTED
 - MANHOLES TO BE RECONSTRUCTED

- NOTES:**
- 1) ANY DAMAGE DONE TO EXISTING TREES BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT CONTRACTOR'S OWN EXPENSE. NO COMPENSATION IS ALLOWED.
 - 2) SEE TREE PROTECTION/TREE ROOT PRUNING ON SOIL SEDIMENT AND EROSION CONTROL PLAN.

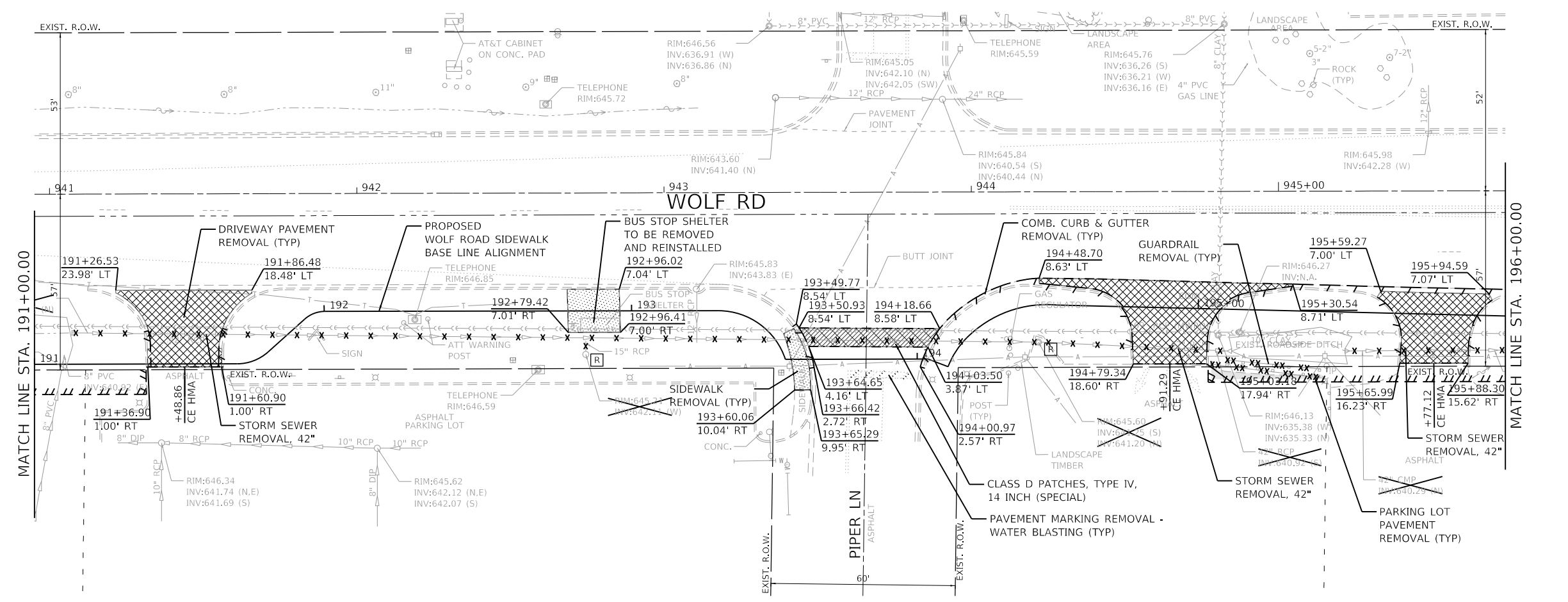
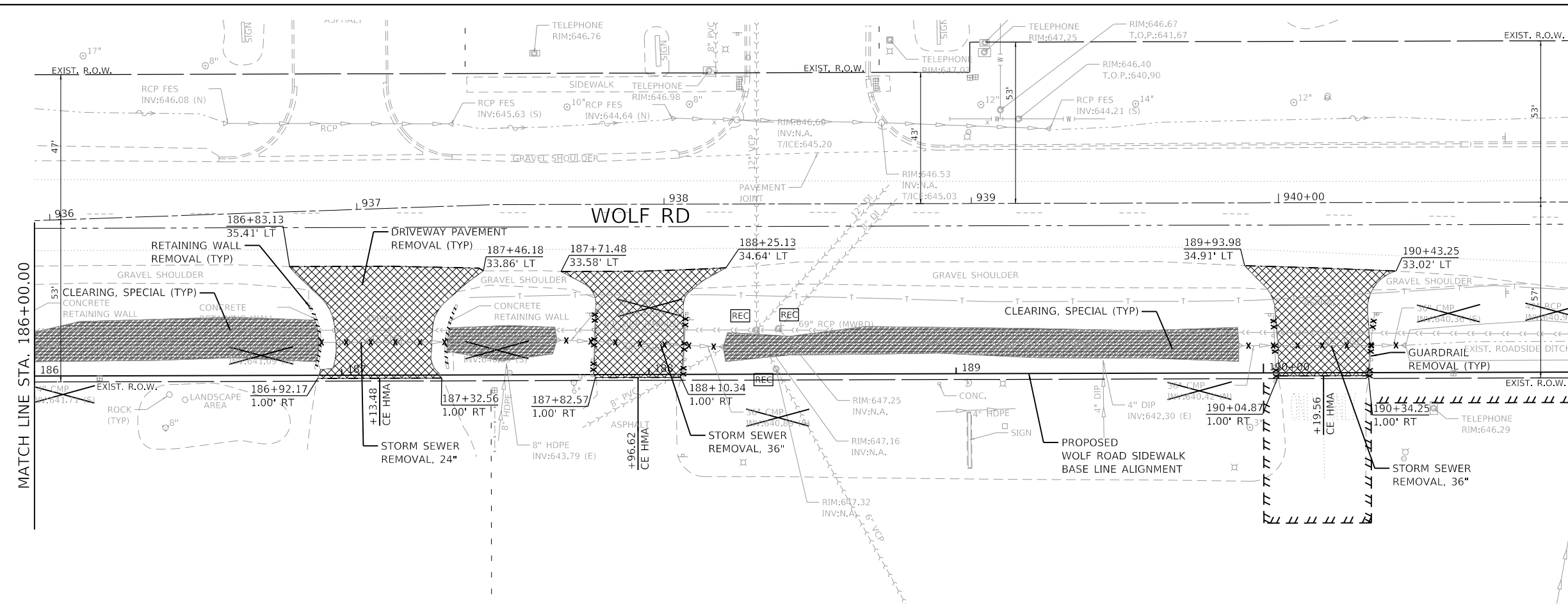
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Default	PLOT DATE = 11/9/2023	CHECKED - MJV	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS	
WOLF ROAD SIDEWALK	
SCALE: 1"=20'	SHEET 5 OF 7 SHEETS
STA. 176+00	TO STA. 186+00

F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 31
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PARKING LOT PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - AGGREGATE REMOVAL, PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"
 - DRIVEWAY PAVEMENT REMOVAL
 - BIKE PATH REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)
 - CLASS D PATCHES, TYPE IV, 14 INCH (SPECIAL)
 - CLEARING, SPECIAL
 - COMB. CURB & GUTTER REMOVAL
 - GUARDRAIL REMOVAL
 - RETAINING WALL REMOVAL
 - TREE REMOVAL (6 TO 15 UNITS DIAMETER)
 - TREE REMOVAL (OVER 15 UNITS DIAMETER)
 - STORM SEWER REMOVAL
 - PAVEMENT MARKING REMOVAL - WATER BLASTING
 - DRAINAGE STRUCTURE TO BE REMOVED
 - DRAINAGE OR UTILITY STRUCTURE TO BE ADJUSTED
 - MANHOLES TO BE RECONSTRUCTED

- NOTES:**
- 1) ANY DAMAGE DONE TO EXISTING TREES BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT CONTRACTOR'S OWN EXPENSE. NO COMPENSATION IS ALLOWED.
 - 2) SEE TREE PROTECTION/TREE ROOT PRUNING ON SOIL SEDIMENT AND EROSION CONTROL PLAN.

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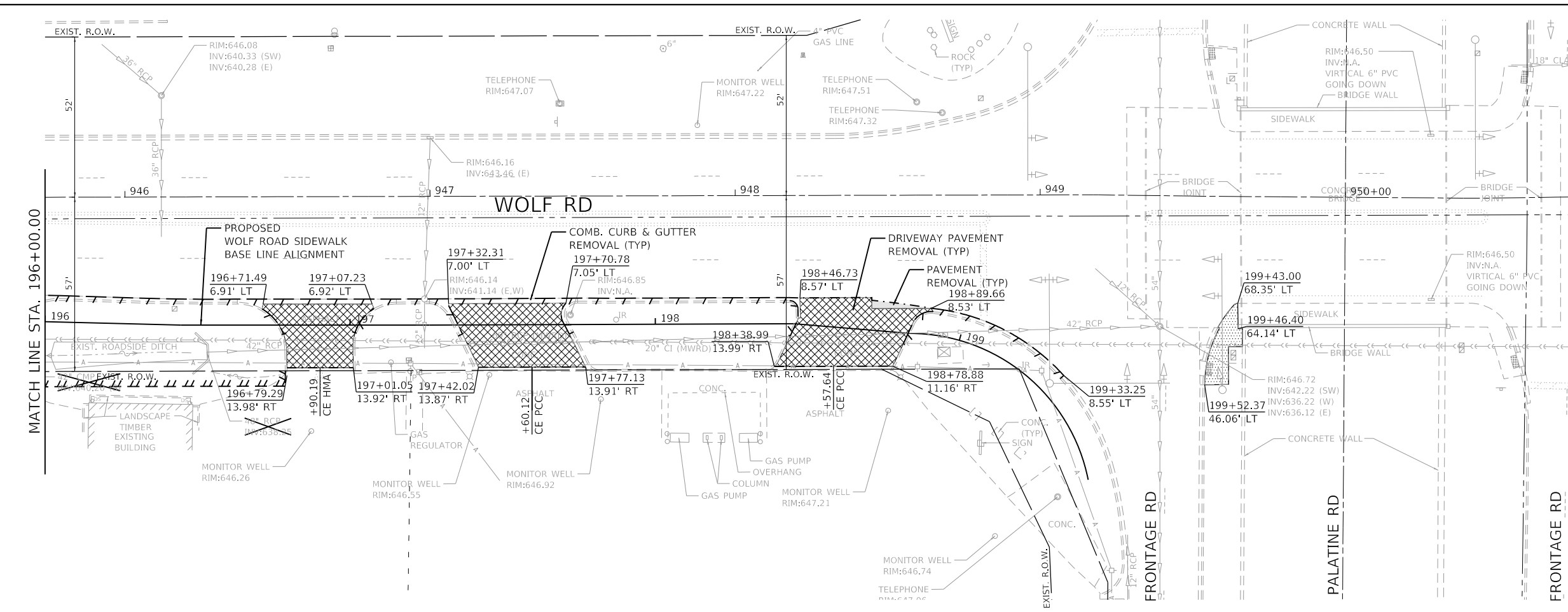
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Default	PLOT DATE = 11/9/2023	CHECKED - MJV	REVISED -
	DATE = 11/9/2023	REVISOR -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 186+00 TO STA. 196+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	32
				CONTRACT NO. 61153
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PARKING LOT PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - AGGREGATE REMOVAL, PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL"
 - DRIVEWAY PAVEMENT REMOVAL
 - BIKE PATH REMOVAL
 - SIDEWALK REMOVAL
 - CLASS D PATCHES, TYPE III, 14 INCH (SPECIAL)
 - CLASS D PATCHES, TYPE IV, 14 INCH (SPECIAL)
 - CLEARING, SPECIAL
 - COMB. CURB & GUTTER REMOVAL
 - GUARDRAIL REMOVAL
 - RETAINING WALL REMOVAL
 - TREE REMOVAL (6 TO 15 UNITS DIAMETER)
 - TREE REMOVAL (OVER 15 UNITS DIAMETER)
 - STORM SEWER REMOVAL
 - PAVEMENT MARKING REMOVAL - WATER BLASTING
 - DRAINAGE STRUCTURE TO BE REMOVED
 - DRAINAGE OR UTILITY STRUCTURE TO BE ADJUSTED
 - MANHOLES TO BE RECONSTRUCTED

- NOTES:**
- 1) ANY DAMAGE DONE TO EXISTING TREES BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT CONTRACTOR'S OWN EXPENSE. NO COMPENSATION IS ALLOWED.
 - 2) SEE TREE PROTECTION/TREE ROOT PRUNING ON SOIL SEDIMENT AND EROSION CONTROL PLAN.

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NUMBER: 4755-180-sht-removal 7.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

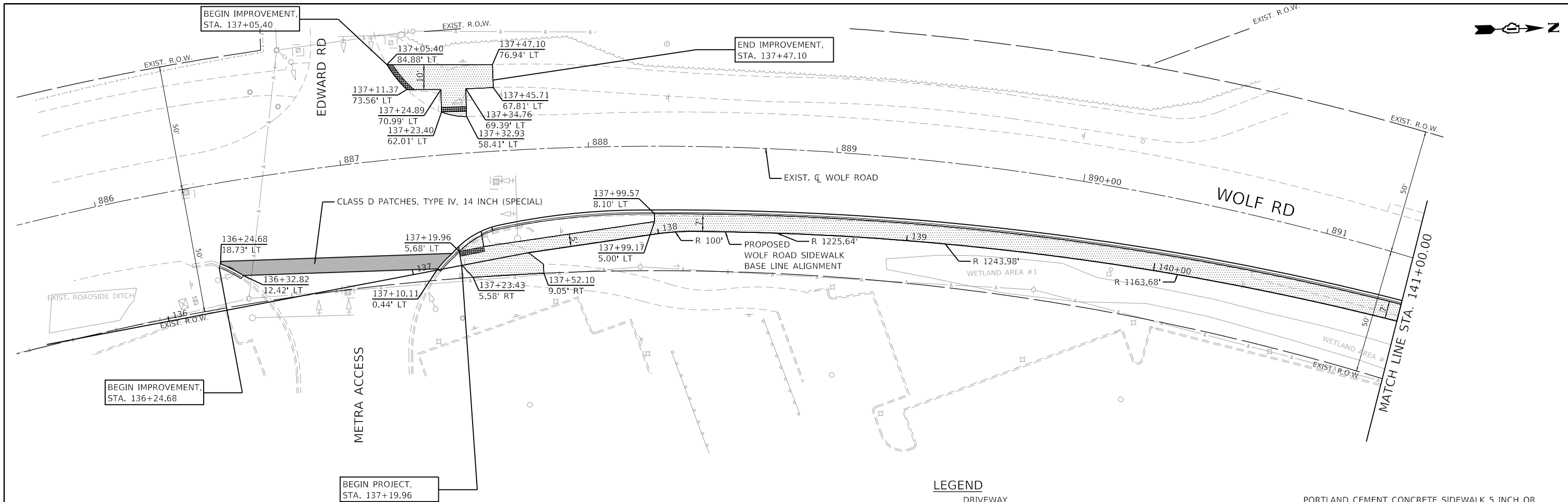
REMOVAL PLANS			
WOLF ROAD SIDEWALK			
SCALE: 1"=20'	SHEET 7 OF 7 SHEETS	STA. 196+00	TO STA. 199+65.48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	33
CONTRACT NO.			61153	
ILLINOIS FED. AID PROJECT				

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	BY	
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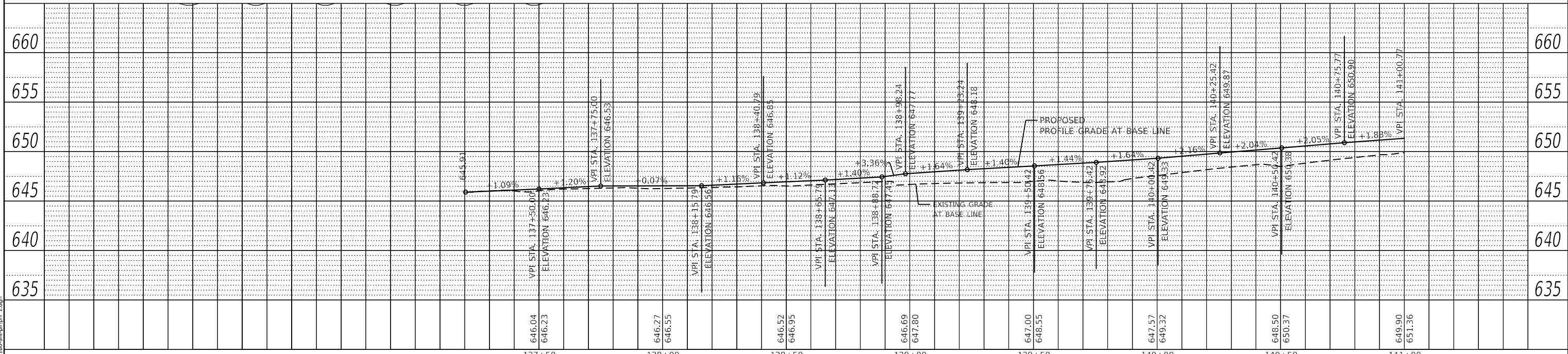
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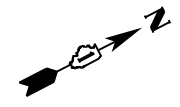
LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12

WOLF RD

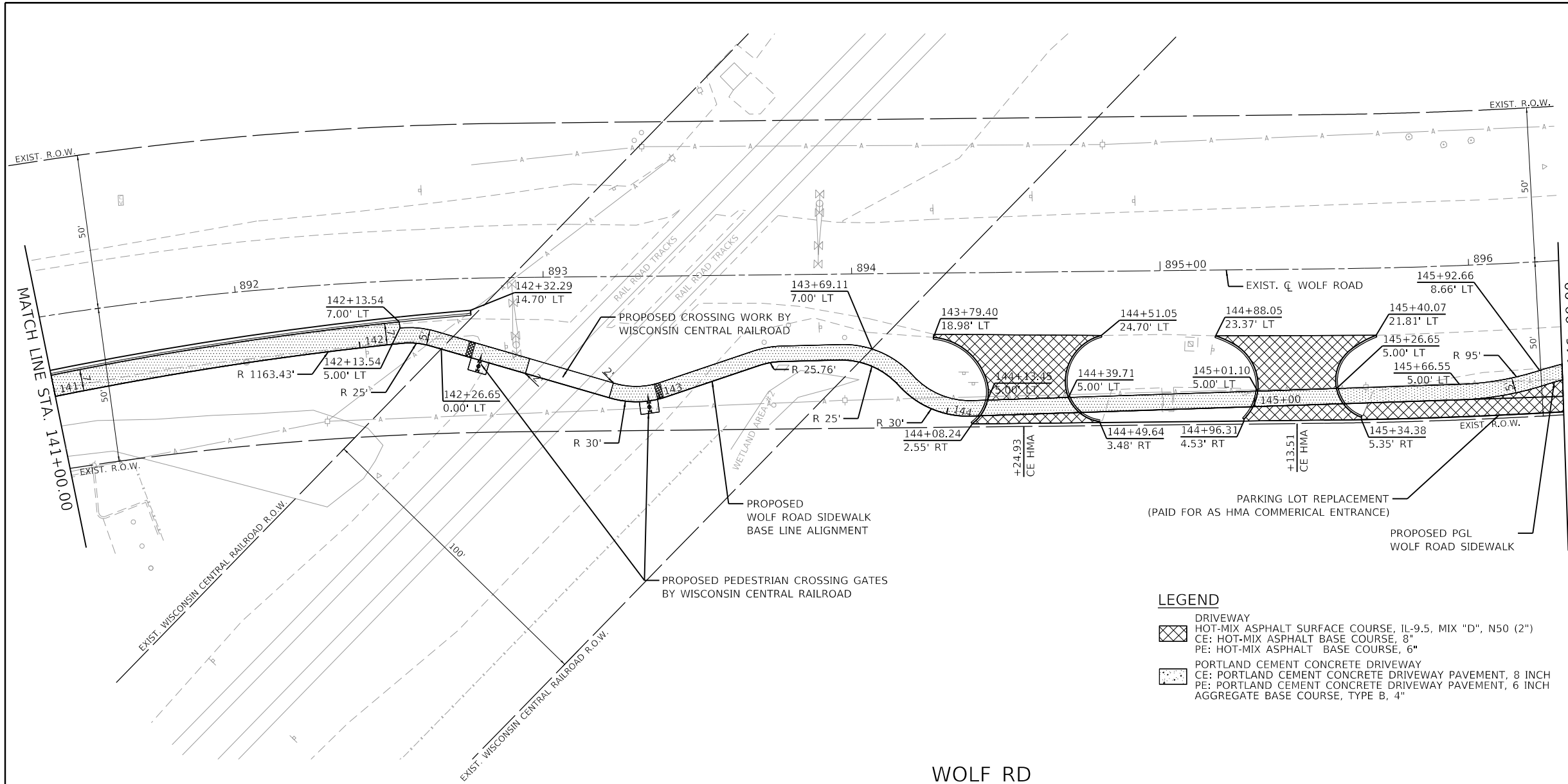


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4755.18	PLOT SCALE = 1:40	CHECKED - MJV	REVISED -		SCALE: H:1"=20' V:1"=5'	SHEET 1 OF 13 SHEETS	STA. 135+50 TO STA. 141+00	CONTRACT NO. 61153		ILLINOIS	FED. AID PROJECT	
Default	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -									

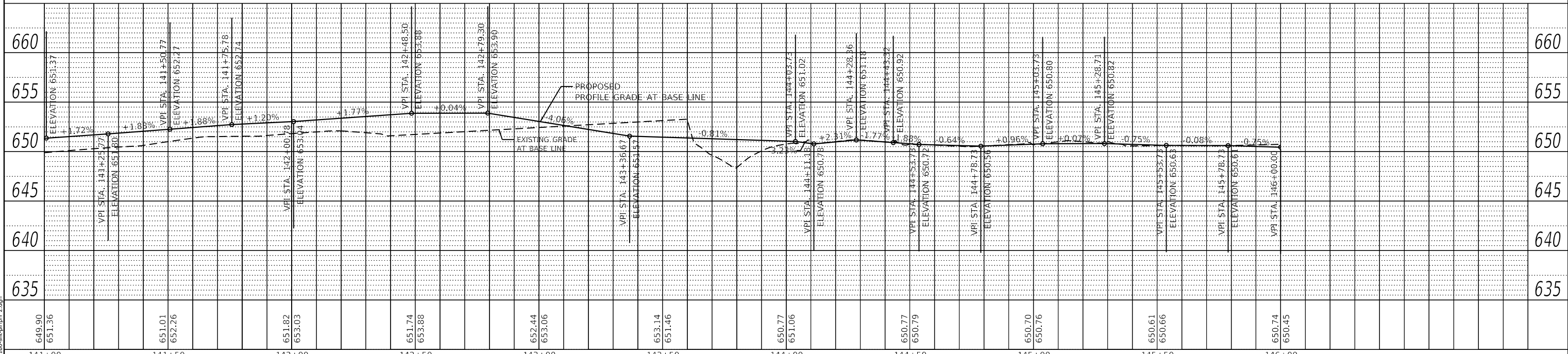


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	GRADES	
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	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	FILE NAME	
	NO.	



WOLF RD



LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WOLF ROAD SIDEWALK

FILE NAME =	USER NAME = mvasak
4755-180-sht-plnprf 2.dgn	DESIGNED - MJV
4755.18	DRAWN - PJS
Default	CHECKED - MJV
	DATE - 11/9/2023

DESIGNED - MJV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MJV	REVISED -
DATE - 11/9/2023	REVISED -

SCALE: H:1"=20'
V:1"=5'

SHEET 2 OF 13 SHEETS STA. 141+00 TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	35
CONTRACT NO. 61153				

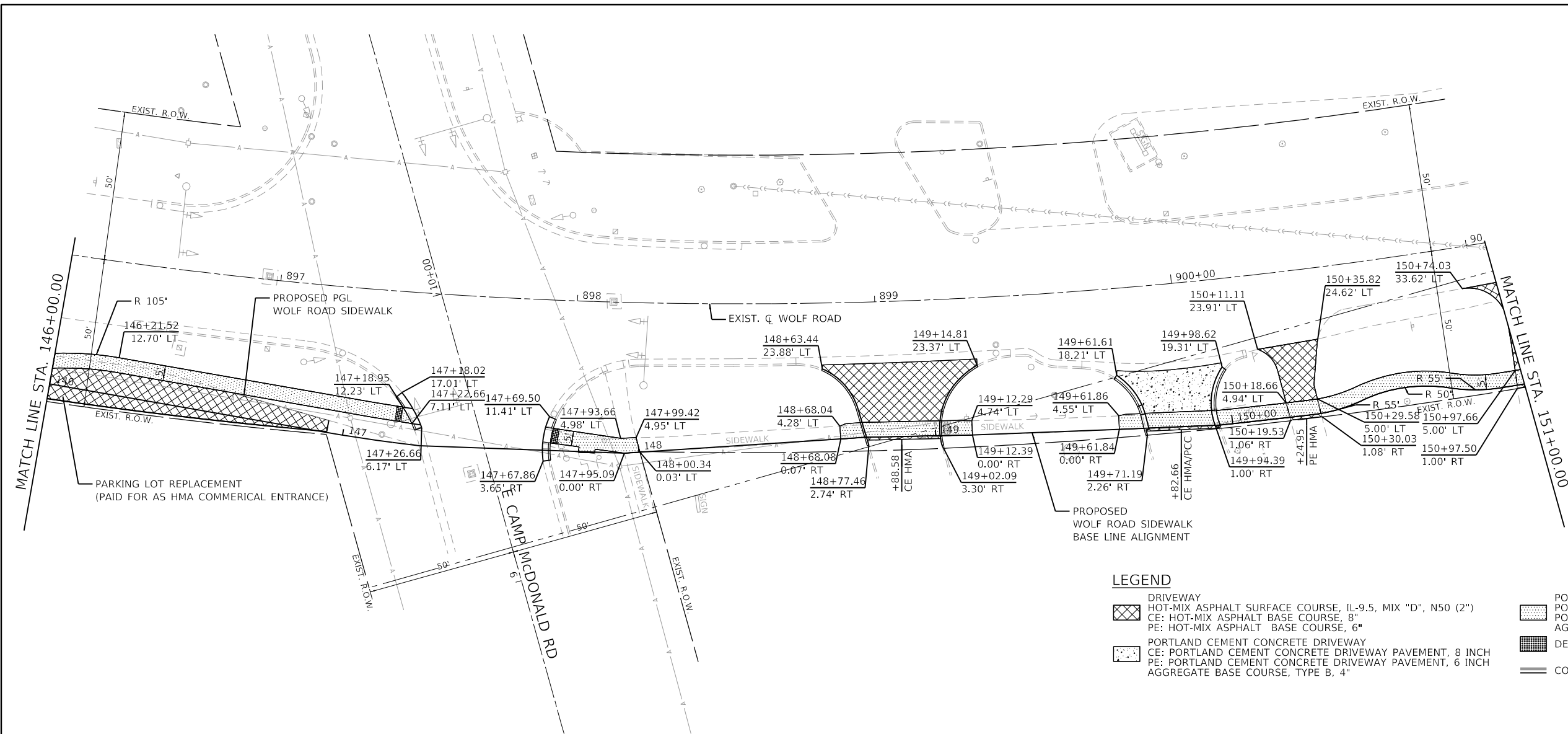
ILLINOIS FED. AID PROJECT



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PROFILE	SURVEYED	DATE
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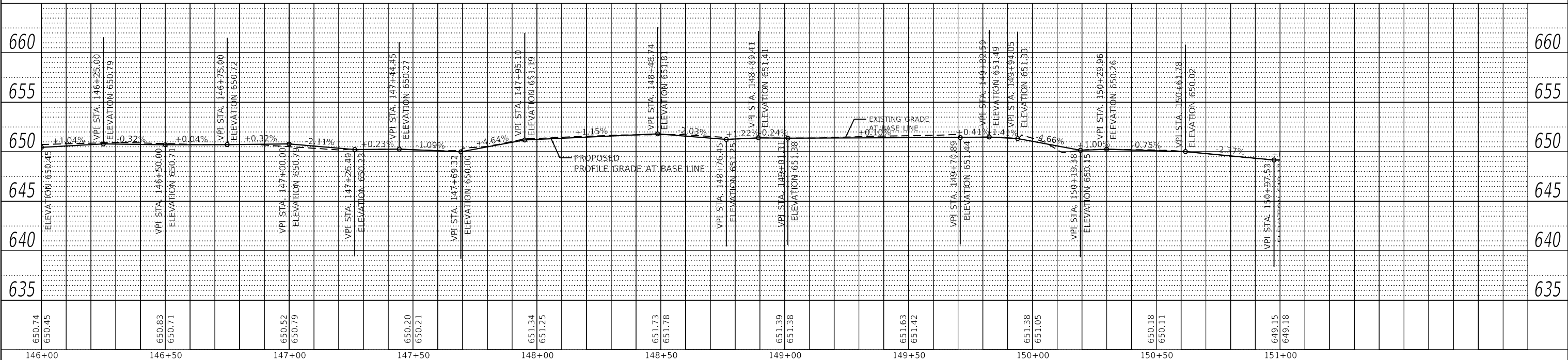
GHA GEWALT HAMILTON ASSOCIATES, INC.
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 FILE NAME: 4755-180-sht-plnprf 3.dgn



LEGEND

	DRIVEWAY		PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")		PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
	CE: HOT-MIX ASPHALT BASE COURSE, 8"		PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
	PE: HOT-MIX ASPHALT BASE COURSE, 6"		AGGREGATE BASE COURSE, TYPE B 4"
	PORTLAND CEMENT CONCRETE DRIVEWAY		DETECTABLE WARNINGS
	CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
	AGGREGATE BASE COURSE, TYPE B, 4"		

WOLF RD



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 WOLF ROAD SIDEWALK**

FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
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Default		DATE - 11/9/2023	REVISED -

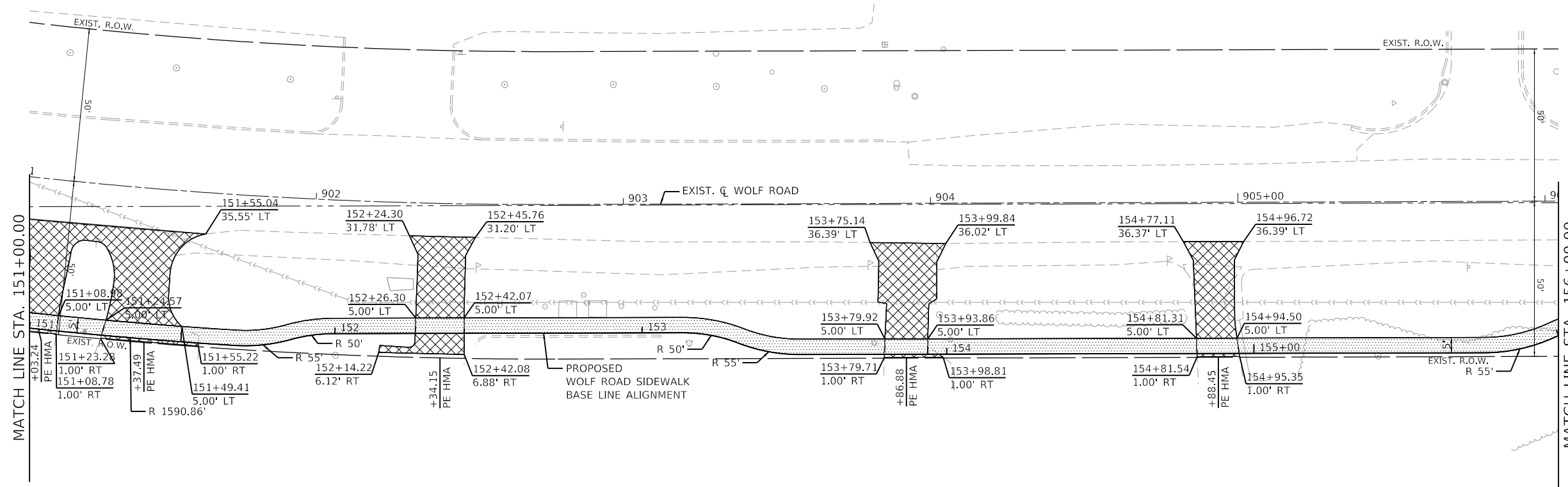
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			ILLINOIS FED. AID PROJECT		CONTRACT NO. 61153		



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	DATE	
	BY	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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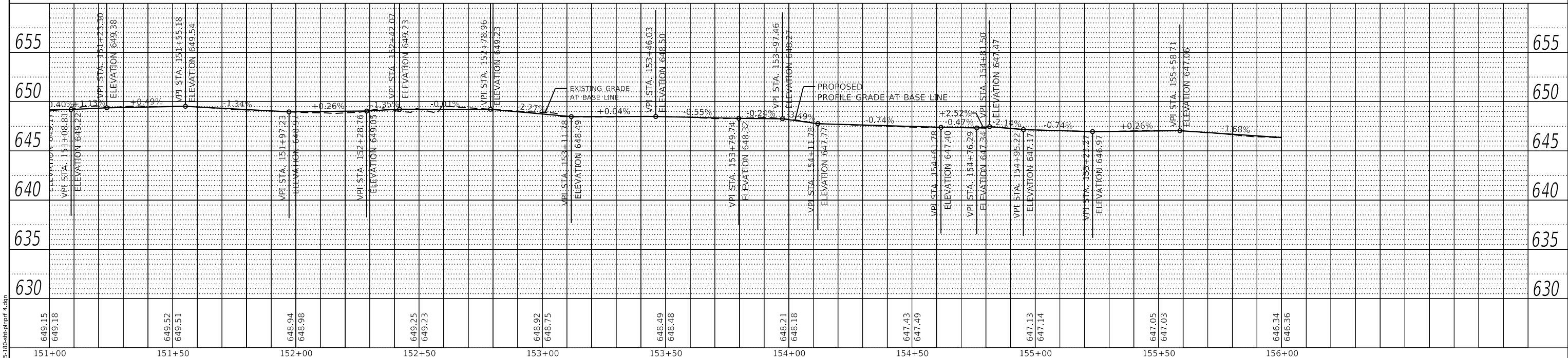
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shl-pnprf 4.dgn



LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12

WOLF RD



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
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4755.18		CHECKED - MJV	REVISED -
Default		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 WOLF ROAD SIDEWALK**

SCALE: H:1"=20'
 V:1"=5'

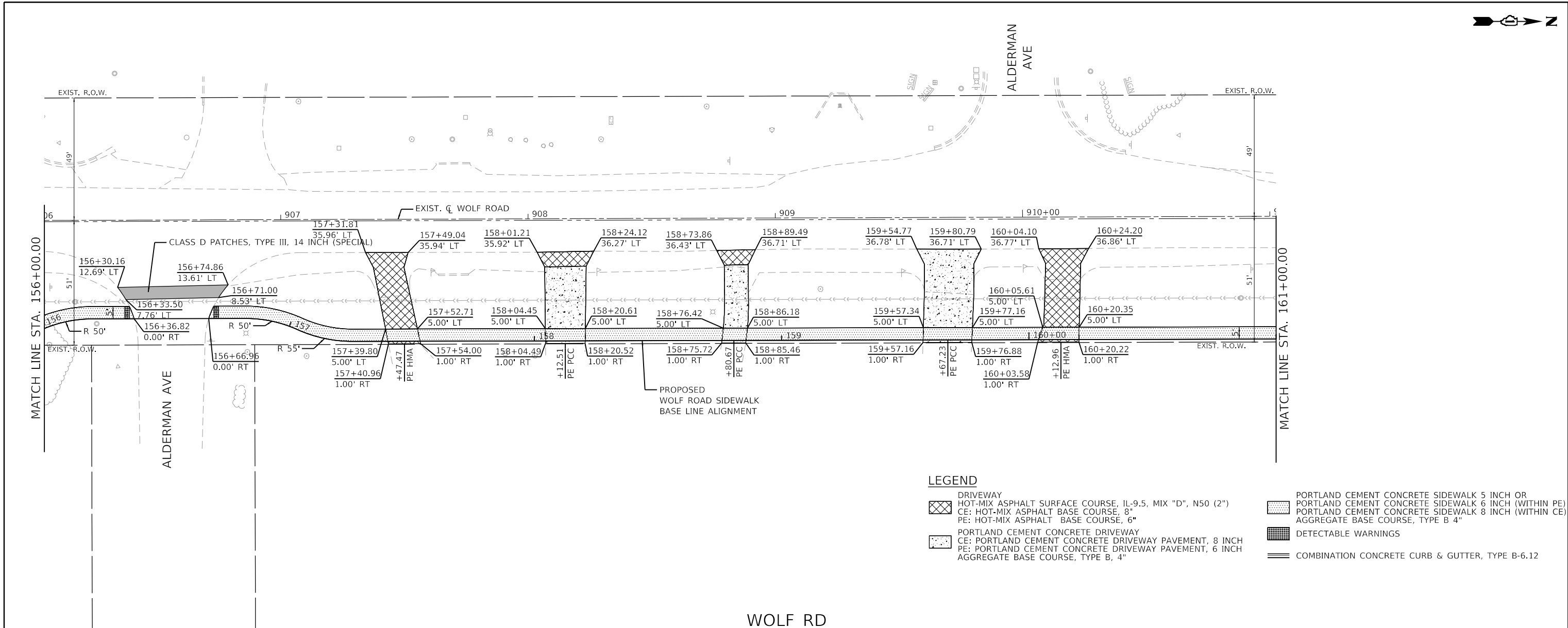
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	37
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



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

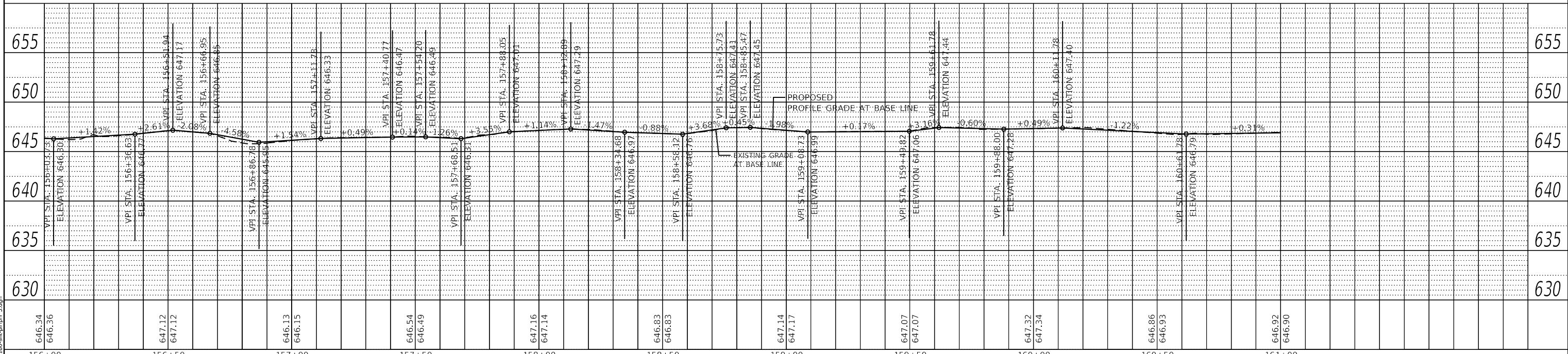
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	
	FILE NAME	

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shr-plt-prf 5.dgn



LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755-180-shr-plt-prf 5.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MJV	REVISED -
Default		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 WOLF ROAD SIDEWALK**

SCALE: H:1"=20'
 V:1"=5'
 SHEET 5 OF 13 SHEETS
 STA. 156+00 TO STA. 161+00

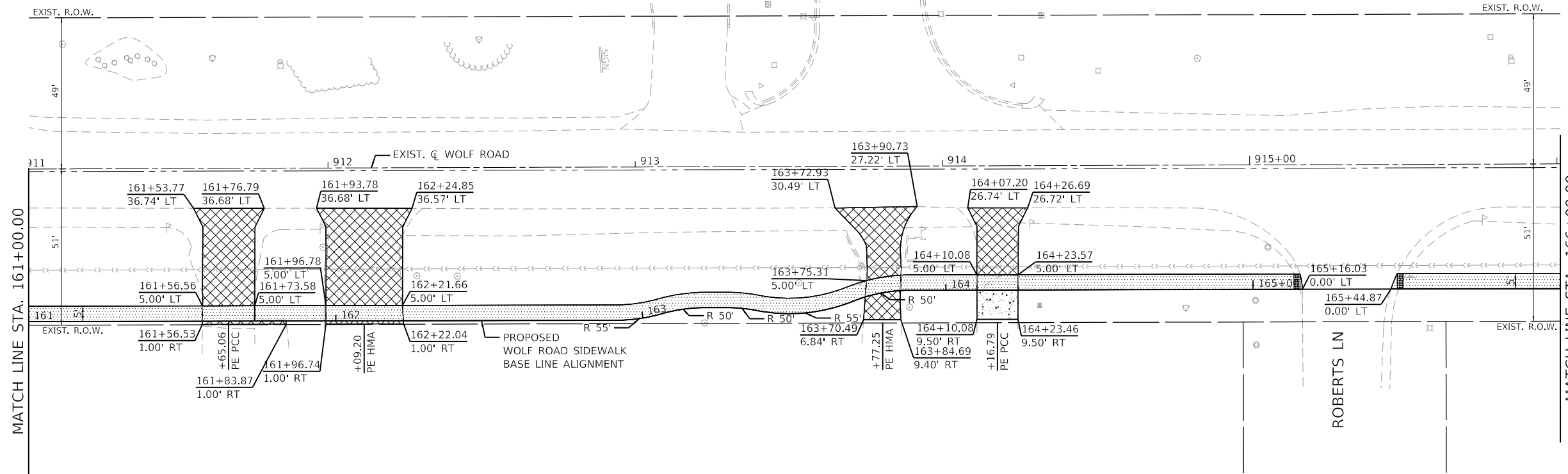
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	38
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

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

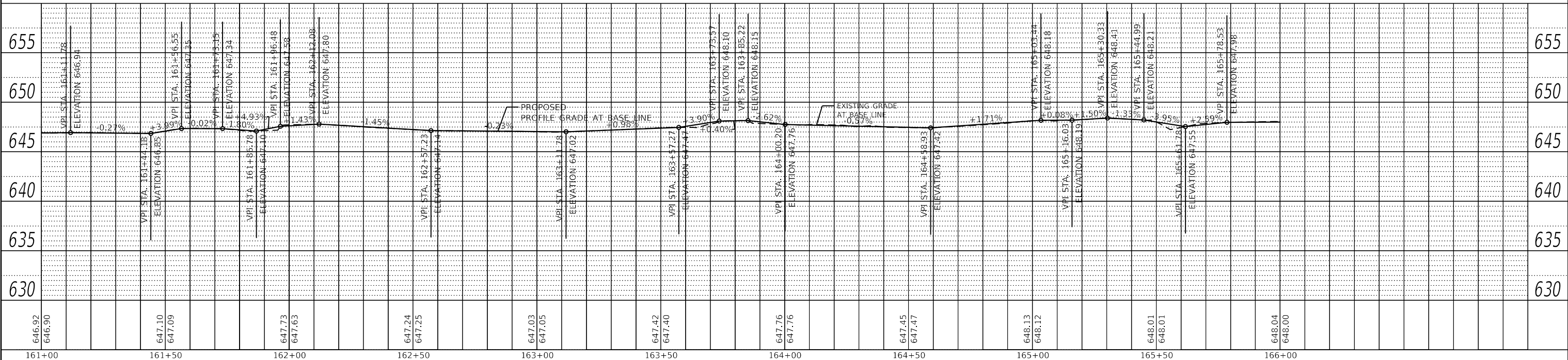
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-plnprf 6.dgn



LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12

WOLF RD



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 WOLF ROAD SIDEWALK**

FILE NAME =	4755-180-sht-plnprf 6.dgn
USER NAME =	mvasak
DESIGNED -	MJV
DRAWN -	PJS
CHECKED -	MJV
DATE -	11/9/2023

REVISIONS	NO.	DESCRIPTION
DESIGNED -	MJV	
DRAWN -	PJS	
CHECKED -	MJV	
DATE -	11/9/2023	

SCALE: H:1"=20'	SHEET 6 OF 13 SHEETS	STA. 161+00 TO STA. 166+00
V:1"=5'		

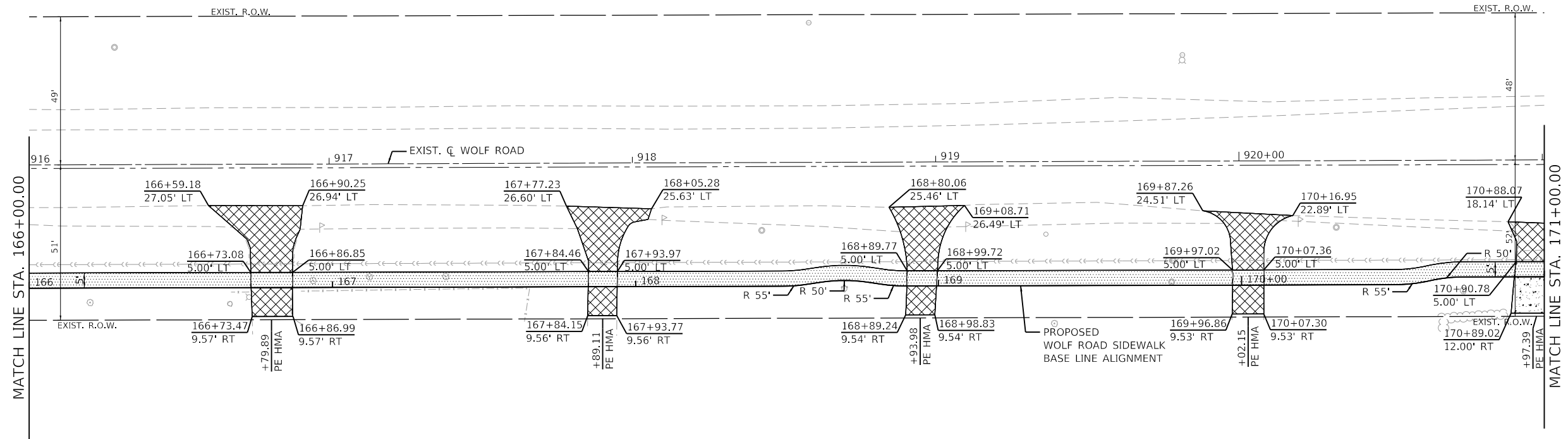
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	39
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNED	
	FILE NAME	
	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNED	
	FILE NAME	
	NO.	
	BY	

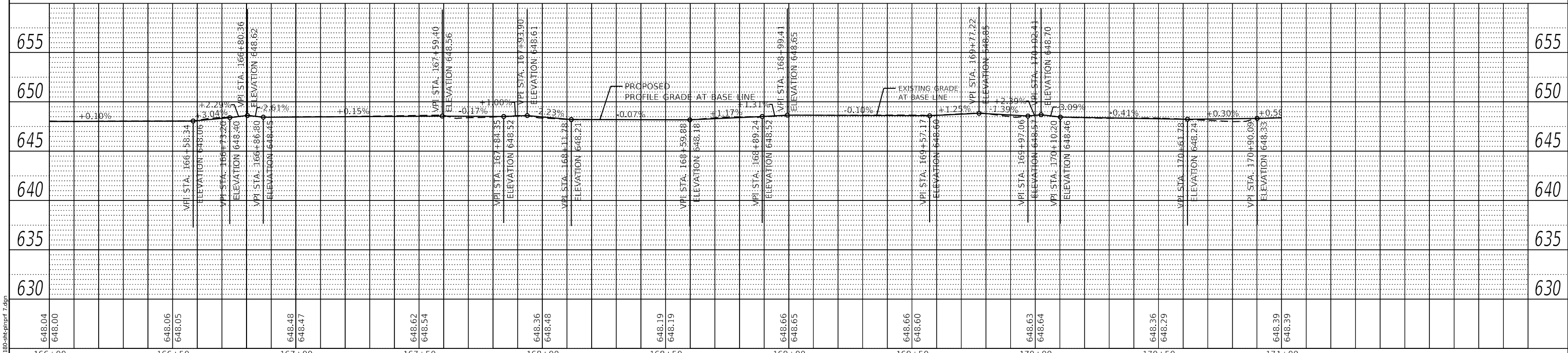
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-plnprf 7.dgn



LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12

WOLF RD



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 WOLF ROAD SIDEWALK**

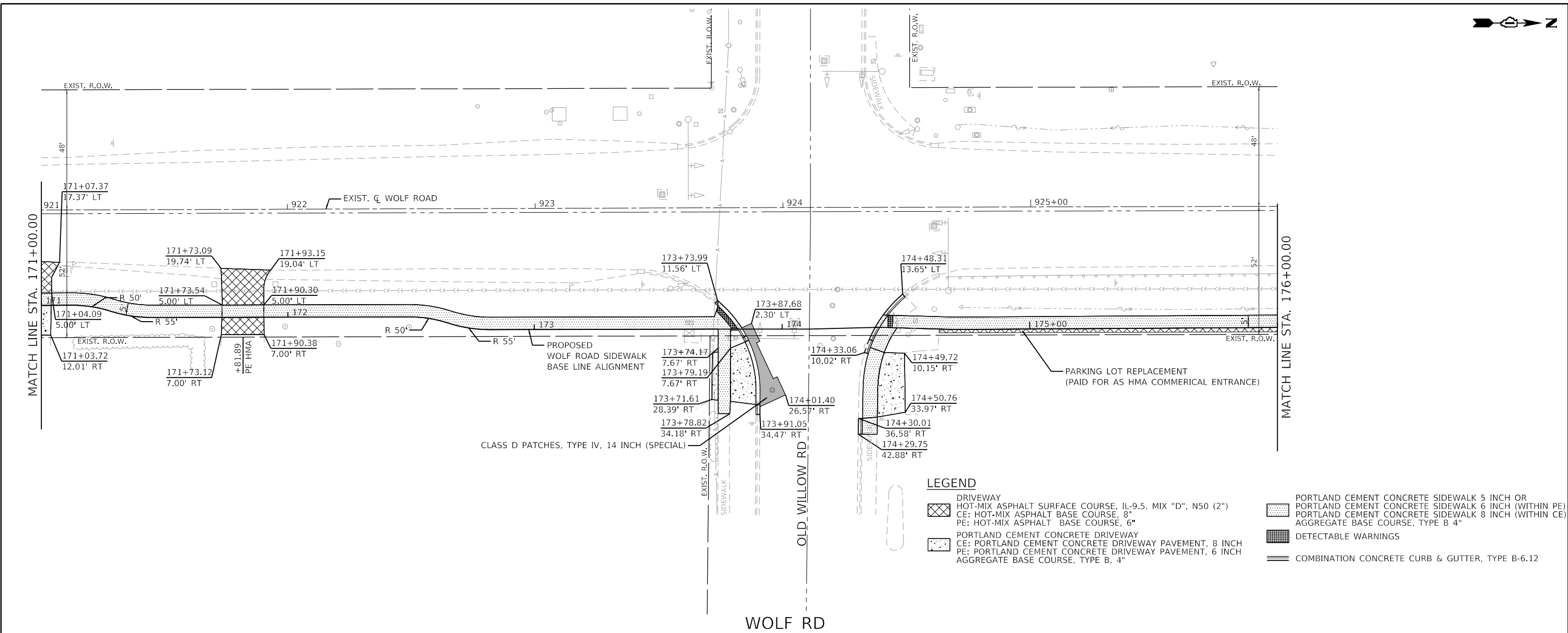
FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -	SCALE: H:1"=20' V:1"=5'	SHEET 7 OF 13 SHEETS STA. 166+00 TO STA. 171+00	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4755-180-sht-plnprf 7.dgn		DRAWN - PJS	REVISED -			2692	19-00054-00-SW	COOK	158	40
4755.18		CHECKED - MJV	REVISED -			CONTRACT NO. 61153				
Default		DATE - 11/9/2023	REVISED -			ILLINOIS FED. AID PROJECT				



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

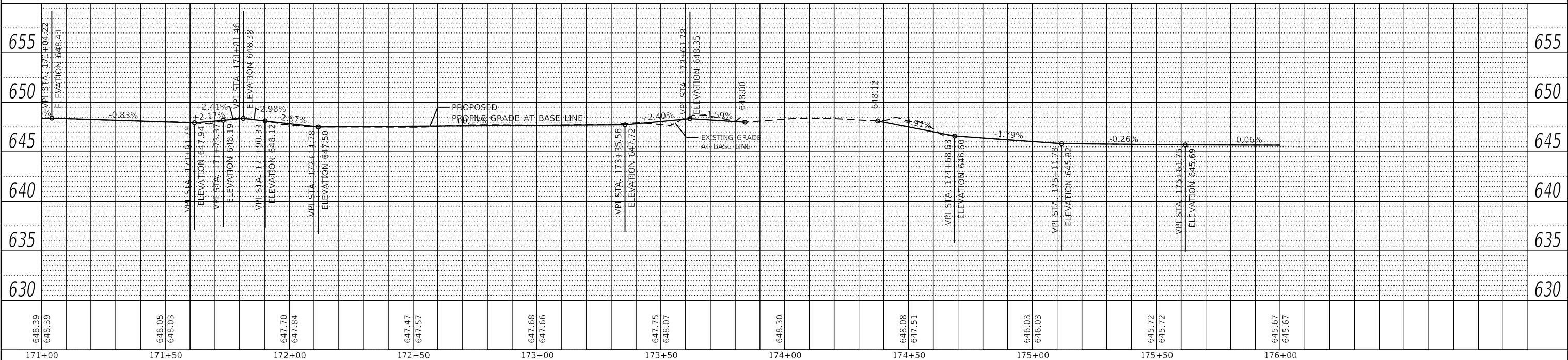
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO.	
	FILE NAME	

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-plnprf 8.dgn



LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- AGGREGATE BASE COURSE, TYPE B 4"
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- AGGREGATE BASE COURSE, TYPE B 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755-180-sht-plnprf 8.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MJV	REVISED -
Default		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
WOLF ROAD SIDEWALK**

SCALE: H:1"=20'
V:1"=5'

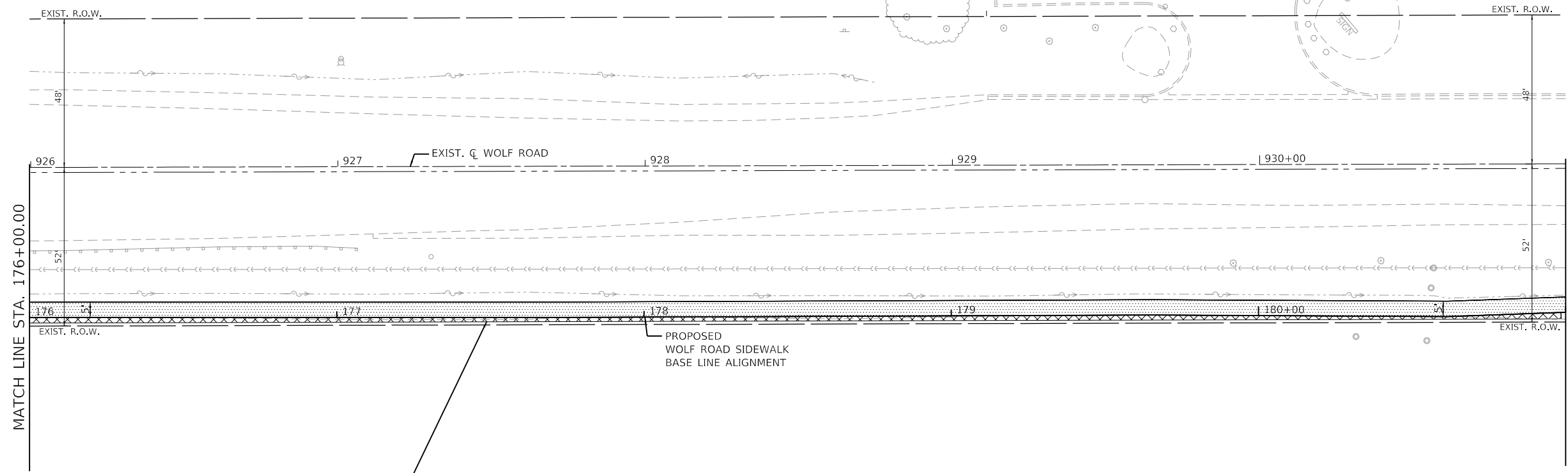
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	41
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-plnprf 9.dgn

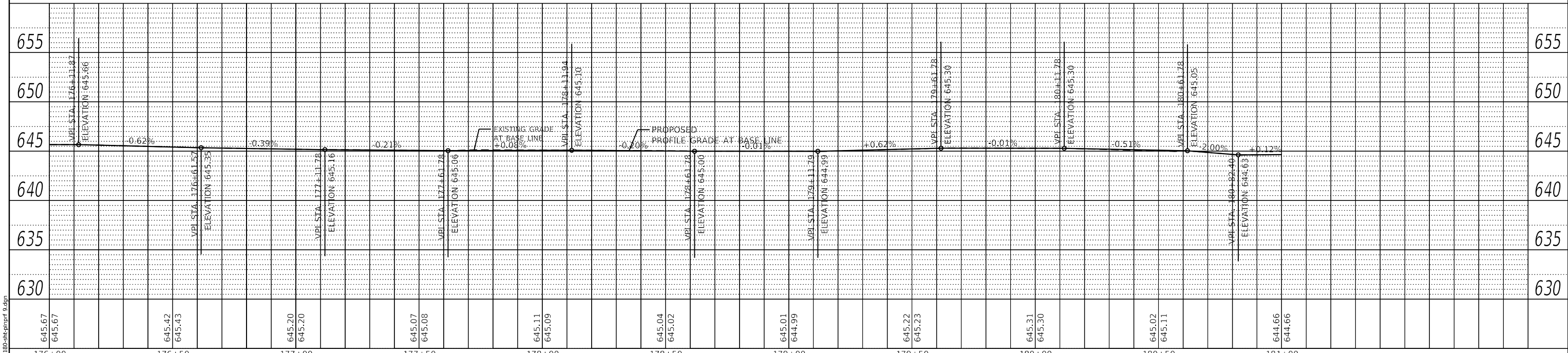


PARKING LOT REPLACEMENT
 (PAID FOR AS HMA COMMERCIAL ENTRANCE)

LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12

WOLF RD



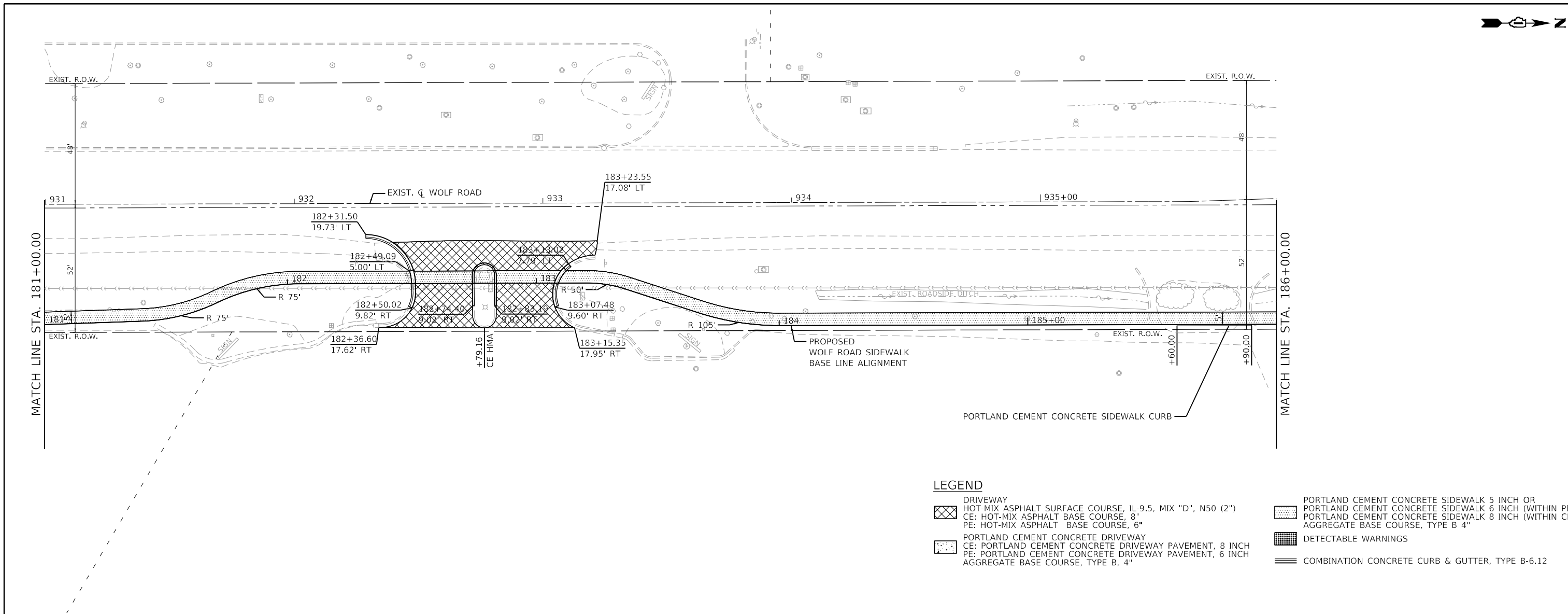
FILE NAME = 4755-180-sht-plnprf 9.dgn	USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE WOLF ROAD SIDEWALK		F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 42
PLOT SCALE = 1:40	CHECKED - MJV	REVISED -	REVISED -		SCALE: H:1"=20' V:1"=5'	SHEET 9 OF 13 SHEETS	STA. 176+00 TO STA. 181+00	CONTRACT NO. 61153		ILLINOIS	FED. AID PROJECT
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -	REVISED -								
Default											



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	

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

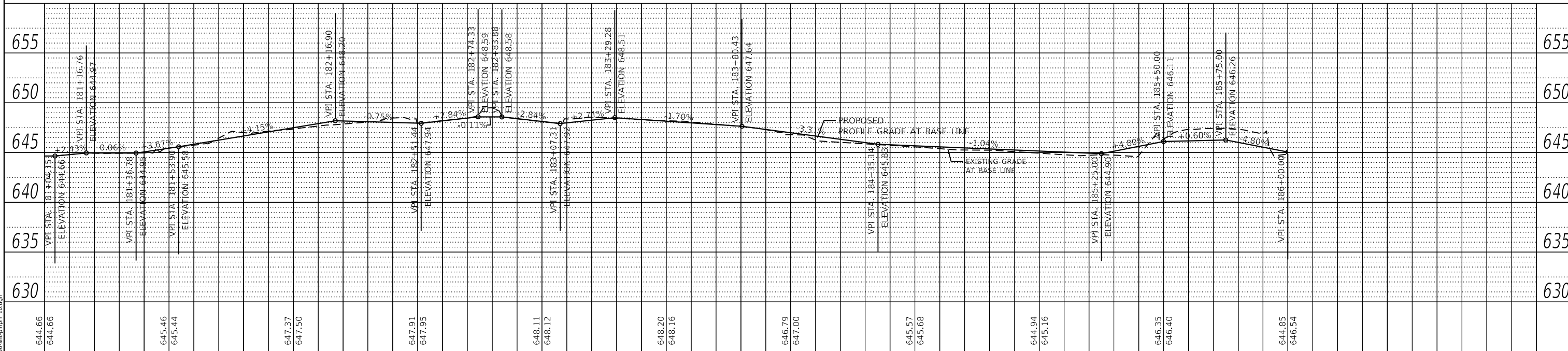
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shd-plnprf_10.dgn



LEGEND

	DRIVEWAY		PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")		PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
	CE: HOT-MIX ASPHALT BASE COURSE, 8"		AGGREGATE BASE COURSE, TYPE B 4"
	PE: HOT-MIX ASPHALT BASE COURSE, 6"		DETECTABLE WARNINGS
	PORTLAND CEMENT CONCRETE DRIVEWAY		COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
	CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		
	PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH		
	AGGREGATE BASE COURSE, TYPE B, 4"		

WOLF RD



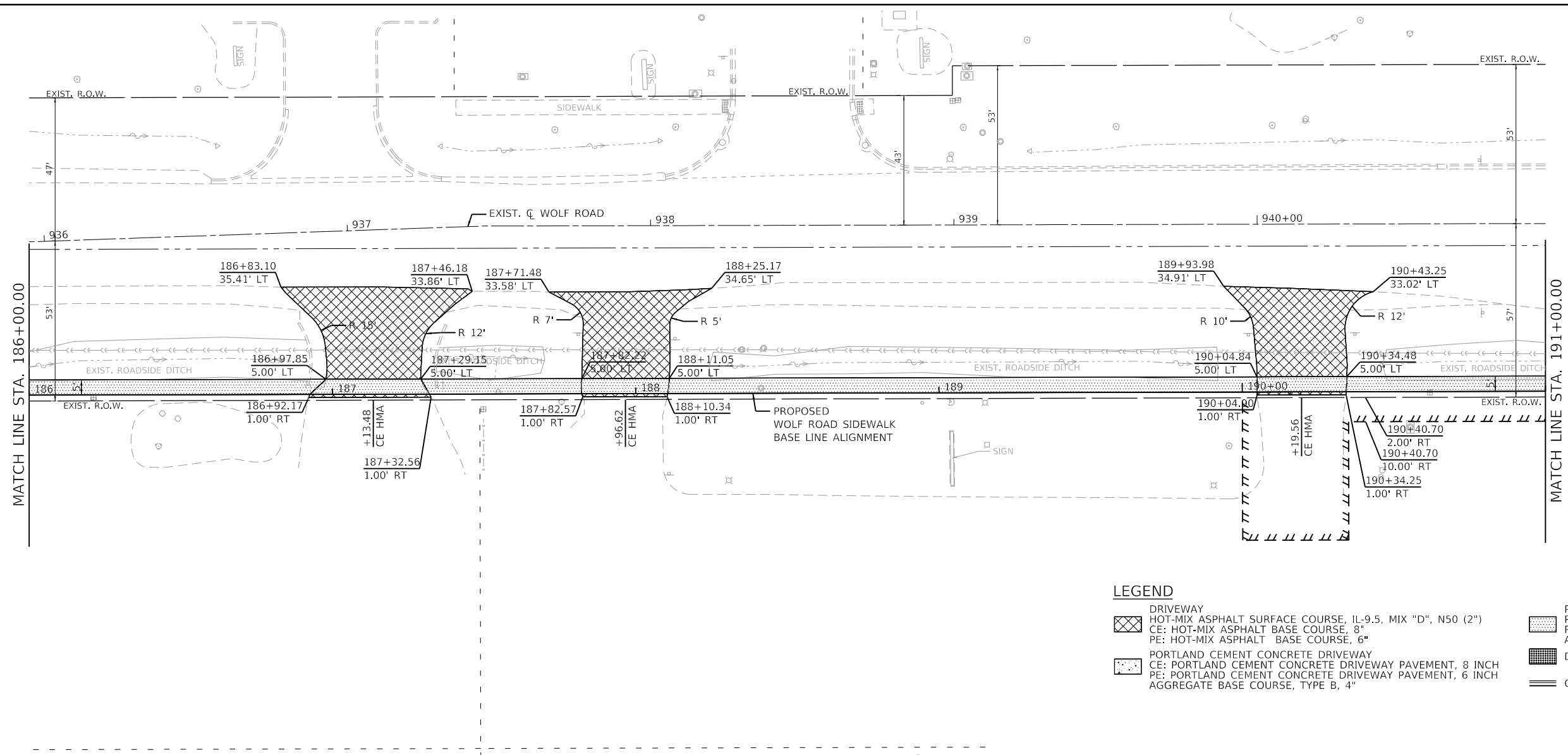
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4755.18	PLOT SCALE = 1:40	CHECKED - MJV	REVISED -		SCALE: H:1"=20'	SHEET 10 OF 13 SHEETS	STA. 181+00	TO STA. 186+00		CONTRACT NO. 61153	
Default	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -		V:1"=5'		ILLINOIS FED. AID PROJECT				



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

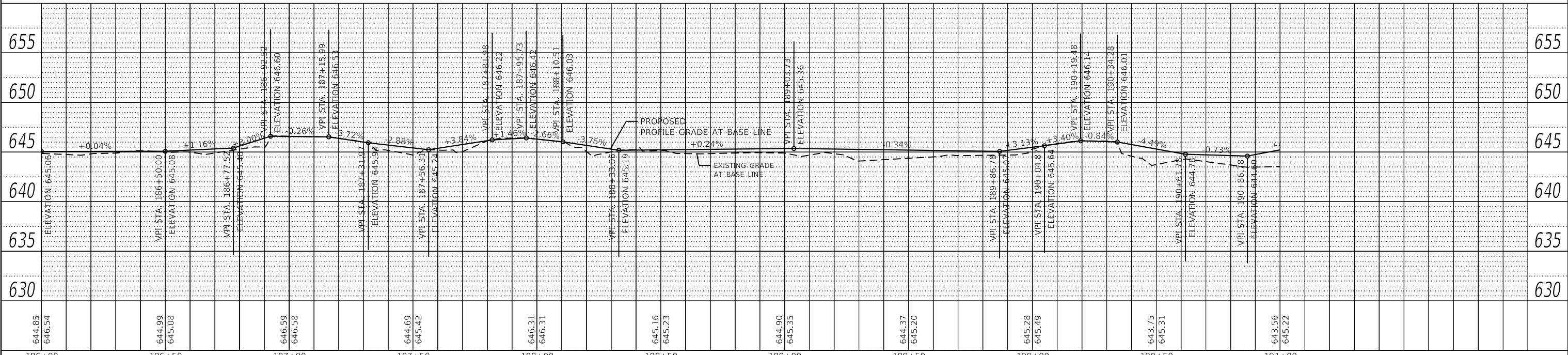
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	DATE		
	FILE NAME		
	NO.		

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sha-plnprf 11.dgn



LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 WOLF ROAD SIDEWALK**

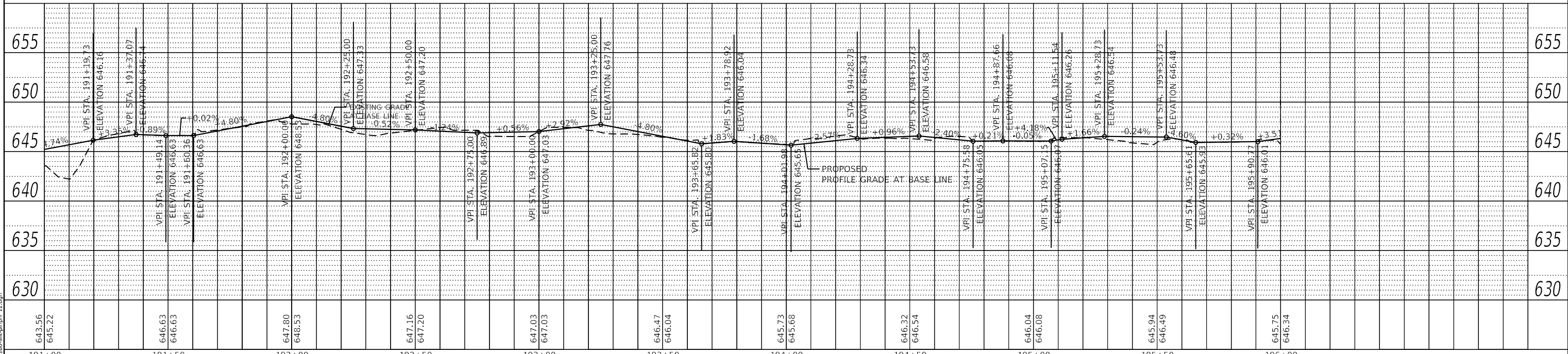
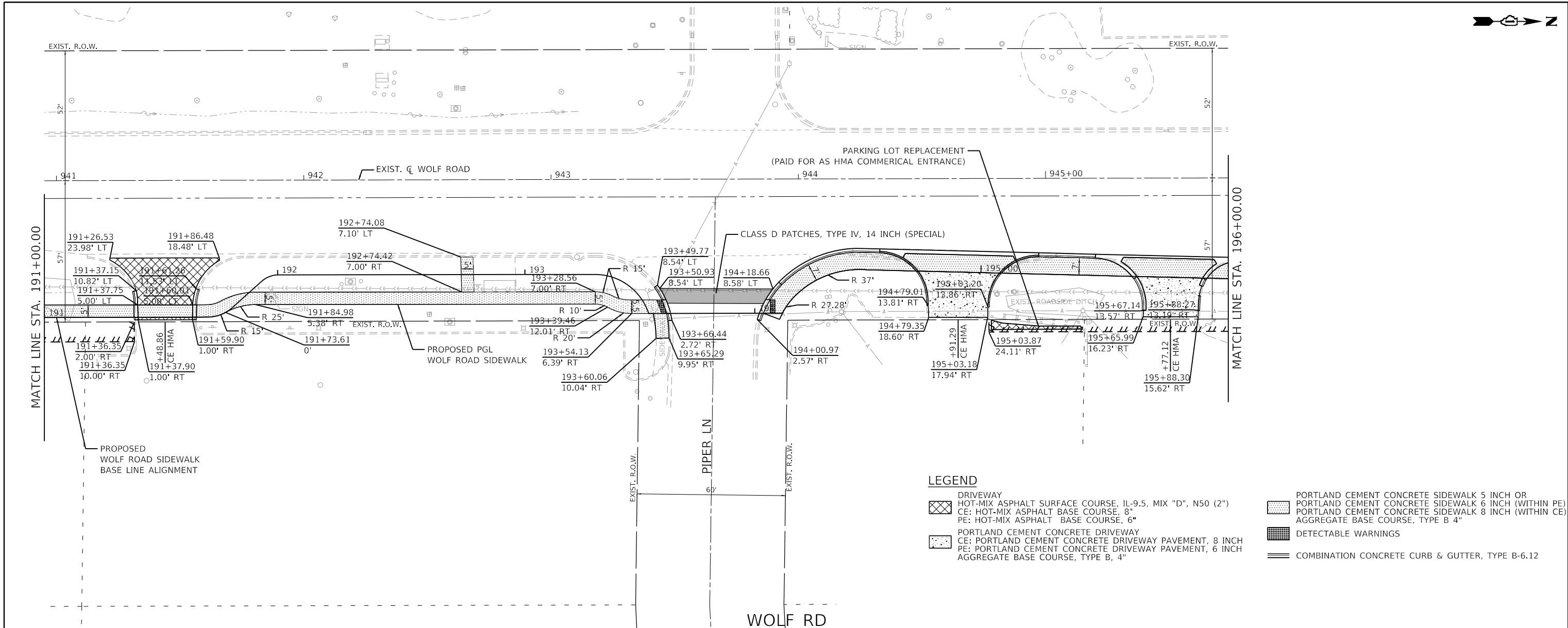
FILE NAME = 4755-180-sha-plnprf 11.dgn	USER NAME = mvasak	DESIGNED - MJV	REVISED -	SCALE: H:1"=20' V:1"=5' SHEET 11 OF 13 SHEETS STA. 186+00 TO STA. 191+00	F.A.U. RTE. 2692 SECTION 19-00054-00-SW COUNTY COOK TOTAL SHEETS 158 SHEET NO. 44 CONTRACT NO. 61153 ILLINOIS FED. AID PROJECT
PLOT SCALE = 1:40	CHECKED - MJV	REVISED -			
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -			



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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-plnprf 12.dgn



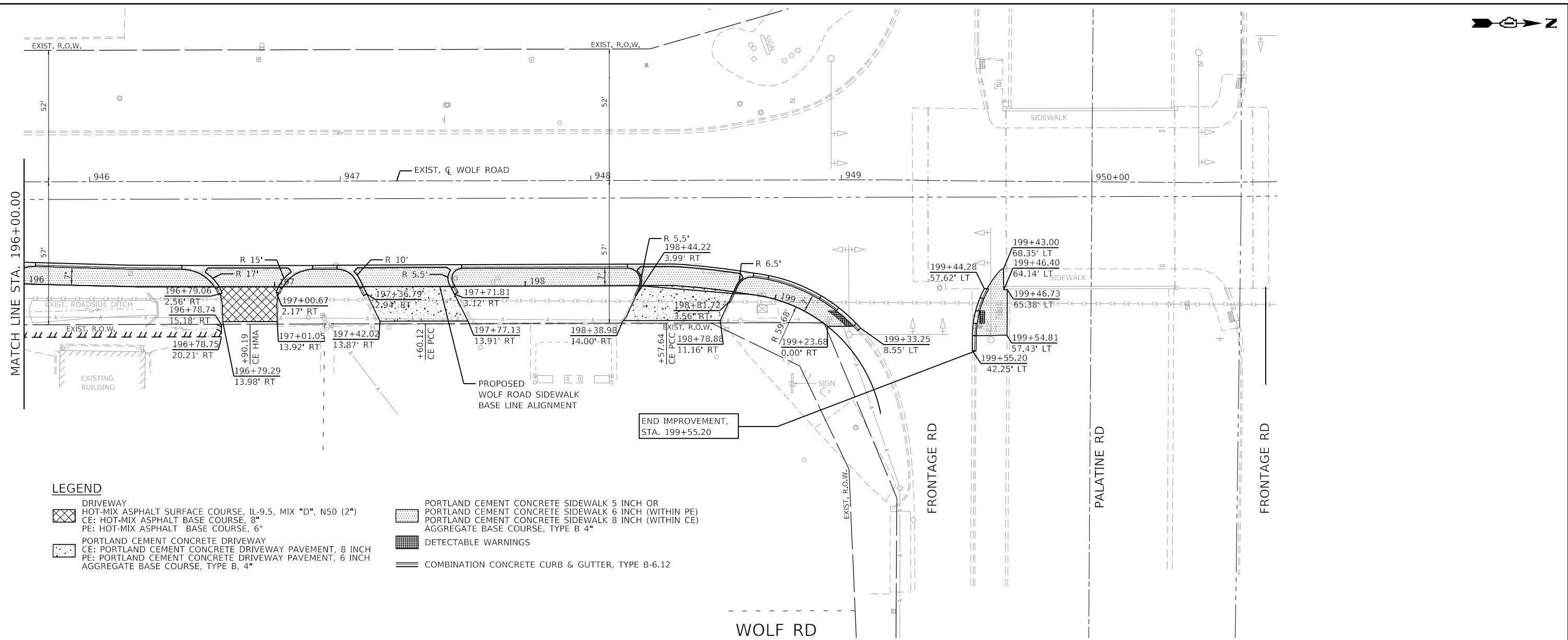
FILE NAME = 4755-180-sht-plnprf 12.dgn	USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE WOLF ROAD SIDEWALK		F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 45	
4755.18	PLOT SCALE = 1:40	CHECKED - MJV	REVISED -		SCALE: H:1"=20' V:1"=5'	SHEET 12 OF 13 SHEETS	STA. 191+00 TO STA. 196+00	CONTRACT NO. 61153		ILLINOIS FED. AID PROJECT		
Default	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -									



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

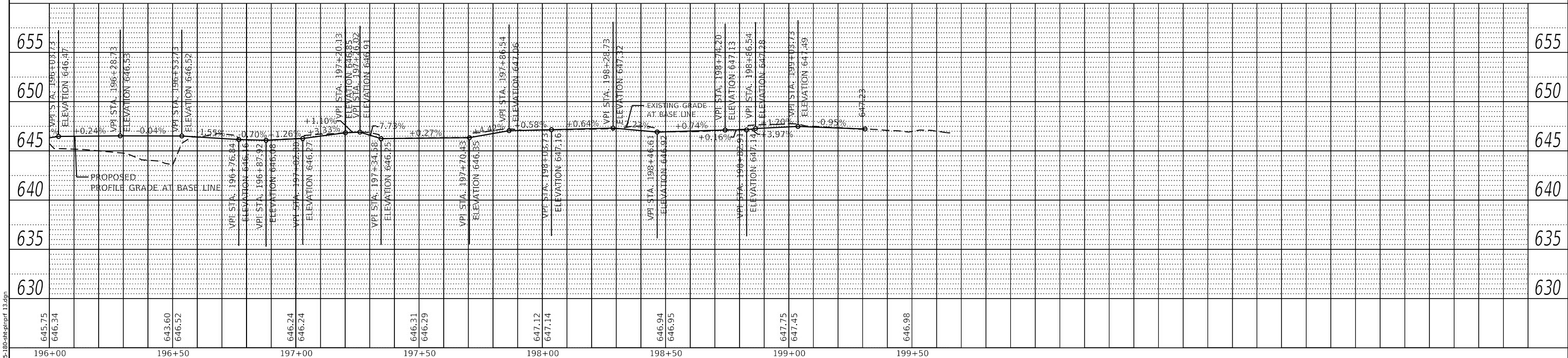
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO.	
	FILE NAME	

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shl-p1nprf 13.dgn



LEGEND

- DRIVEWAY
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- CE: HOT-MIX ASPHALT BASE COURSE, 8"
- PE: HOT-MIX ASPHALT BASE COURSE, 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY
- CE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- PE: PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (WITHIN PE)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (WITHIN CE)
- AGGREGATE BASE COURSE, TYPE B 4"
- DETECTABLE WARNINGS
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755-180-shl-p1nprf 13.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MJV	REVISED -
Default		DATE - 11/9/2023	REVISED -

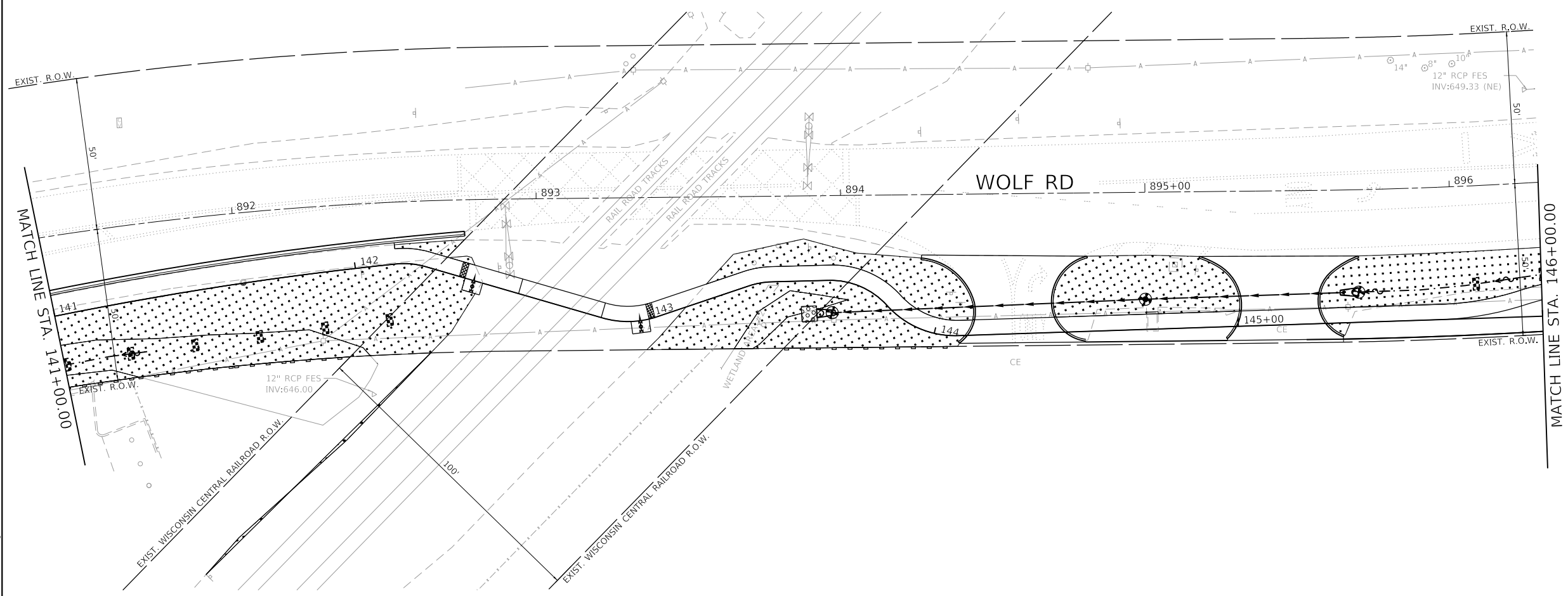
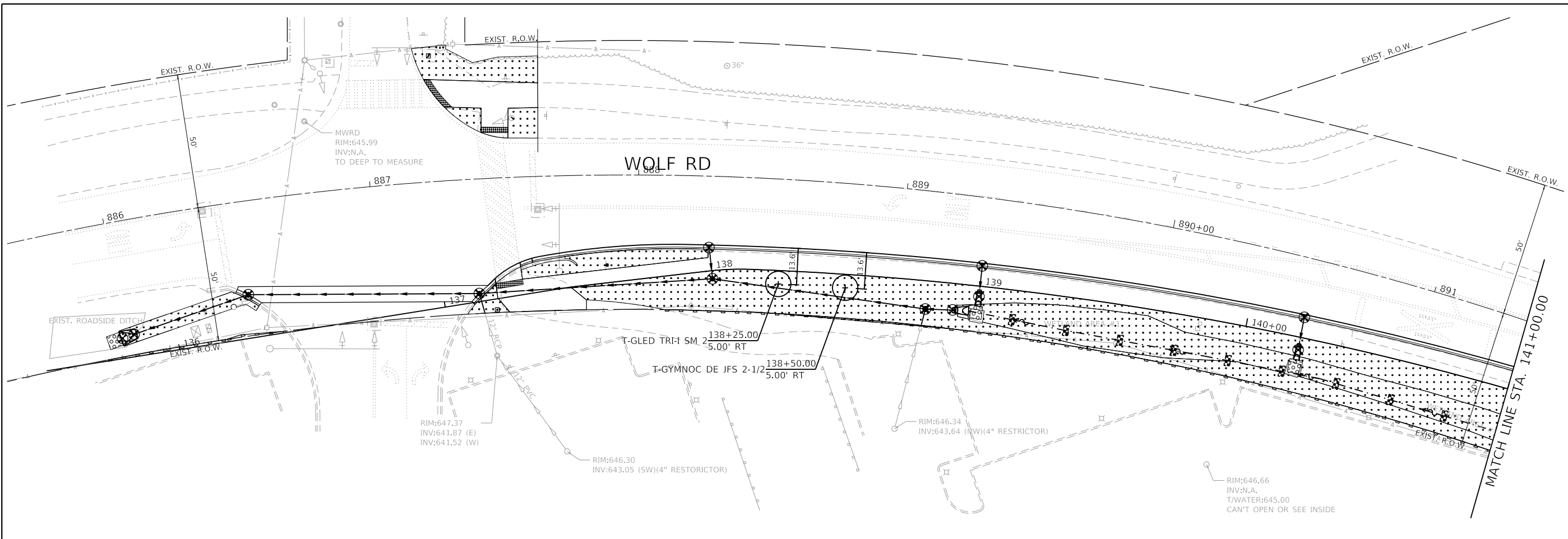
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 WOLF ROAD SIDEWALK**

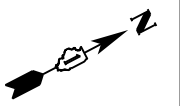
SCALE: H:1"=20'
 V:1"=5'

SHEET 13 OF 13 SHEETS STA. 196+00 TO STA. 199+55.48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	46
				CONTRACT NO. 61153
		ILLINOIS	FED. AID PROJECT	



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A PHOSPHORUS FERTILIZER NUTRIENT NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - INLET FILTERS
 - TREE TRUNK PROTECTION
 - MULCH PLACEMENT, 4"
 - DITCH CHECKS
 - PROPOSED TREE PLANTING (T-GLED TRI-H SM 2 OR T-GYMNOC DE JFS 2-1/2)
 - WEED CONTROL, PRE-EMERGENT GRANULAR SUPPLEMENTAL WATERING



GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
FILE NAME: 4755-180-sht-eros 1.dgn

FILE NAME = 4755-180-sht-eros 1.dgn
PLOT SCALE = 1:20
PLOT DATE = 5/25/2023

USER NAME = mvasak
DESIGNED - MJV
DRAWN - PJS
CHECKED - MJV
DATE - 5/24/2023

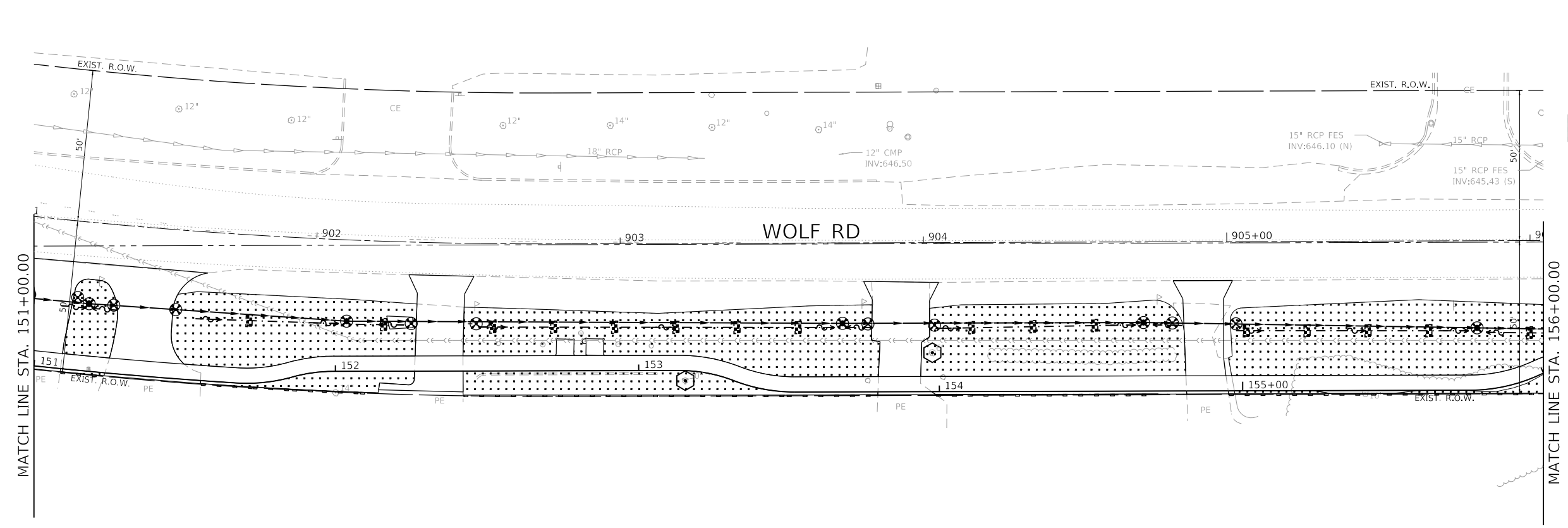
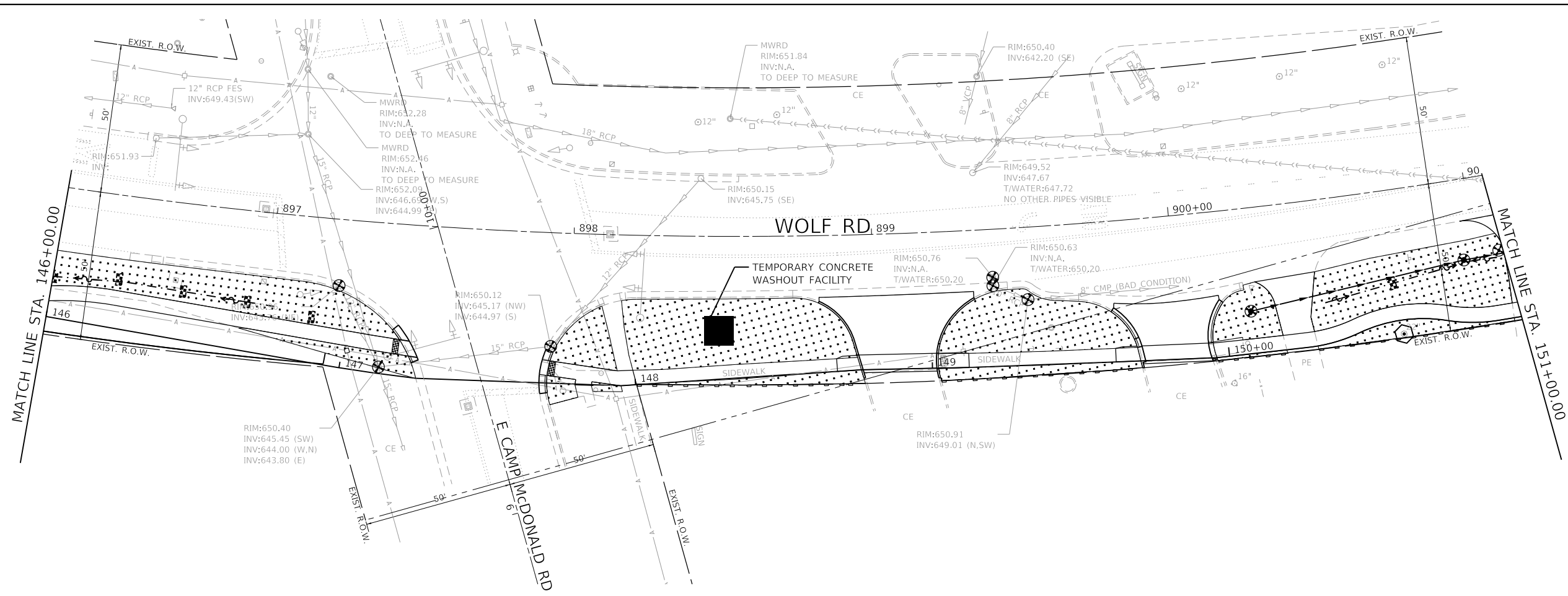
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL EROSION AND SEDIMENT CONTROL PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. 135+50 TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	47
				CONTRACT NO. 61J53
		ILLINOIS	FED. AID PROJECT	



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4"
 - SEEDING, CLASS 1A
 - PHOSPHORUS FERTILIZER NUTRIENT
 - NITROGEN FERTILIZER NUTRIENT
 - POTASSIUM FERTILIZER NUTRIENT
 - EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - INLET FILTERS
 - TREE TRUNK PROTECTION
 - MULCH PLACEMENT, 4"
 - DITCH CHECKS
 - PROPOSED TREE PLANTING
(T-GLED TRI-I SM 2 OR T-GYMNOC DE JFS 2-1/2)
 - WEED CONTROL, PRE-EMERGENT GRANULAR
 - SUPPLEMENTAL WATERING

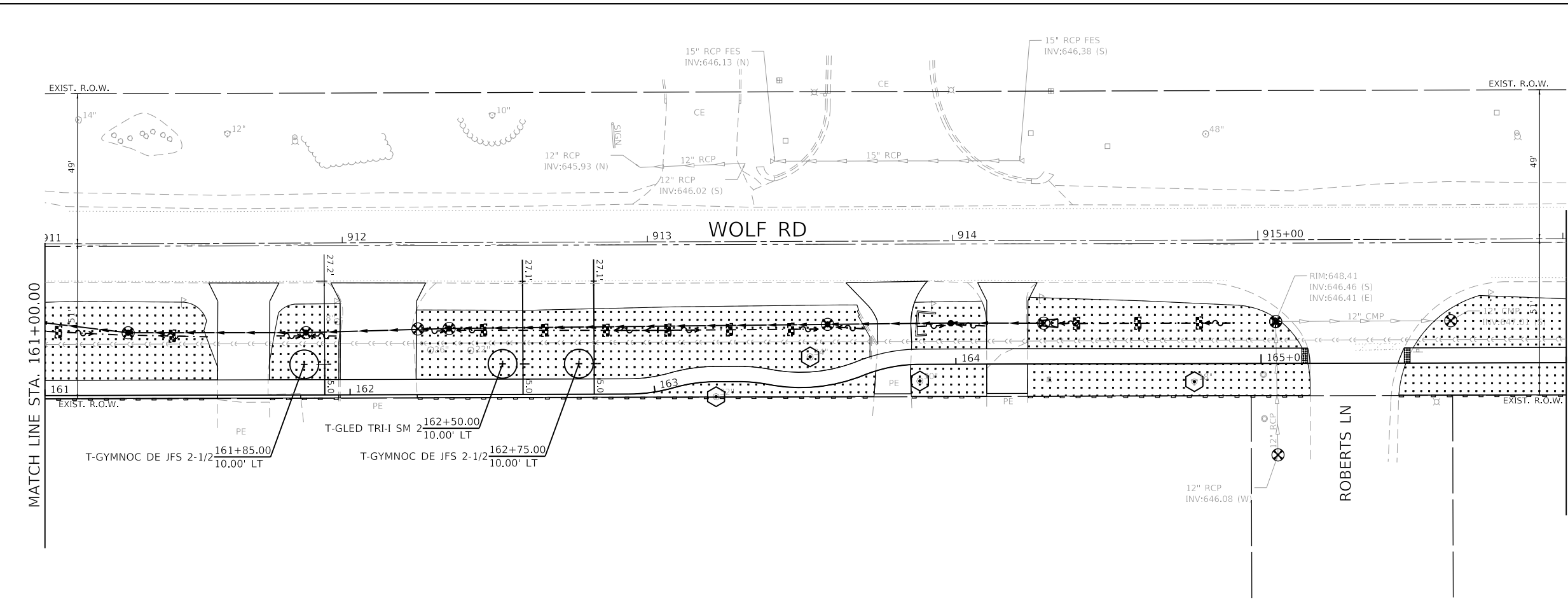
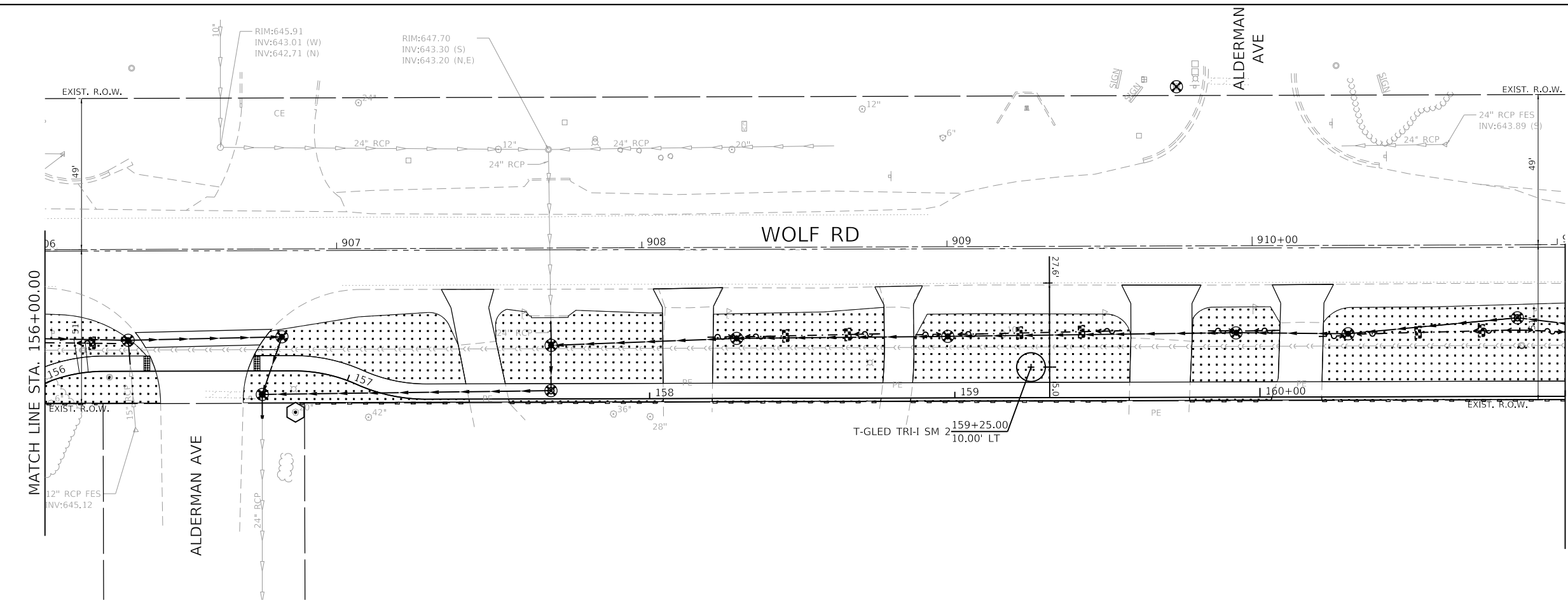
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	DATE = 5/24/2023	DATE - 5/24/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL EROSION AND SEDIMENT CONTROL PLANS			
WOLF ROAD SIDEWALK			
SCALE: 1"=20'	SHEET 2 OF 8 SHEETS	STA. 146+00	TO STA. 156+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	48
			CONTRACT NO. 61J53	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4"
 - SEEDING, CLASS 1A
 - PHOSPHORUS FERTILIZER NUTRIENT
 - NITROGEN FERTILIZER NUTRIENT
 - POTASSIUM FERTILIZER NUTRIENT
 - EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - INLET FILTERS
 - TREE TRUNK PROTECTION
 - MULCH PLACEMENT, 4"
 - DITCH CHECKS
 - PROPOSED TREE PLANTING
(T-GLED TRI-I SM 2 OR T-GYMNOC DE JFS 2-1/2)
 - WEED CONTROL, PRE-EMERGENT GRANULAR
 - SUPPLEMENTAL WATERING

GHA GEWALT HAMILTON ASSOCIATES, INC.
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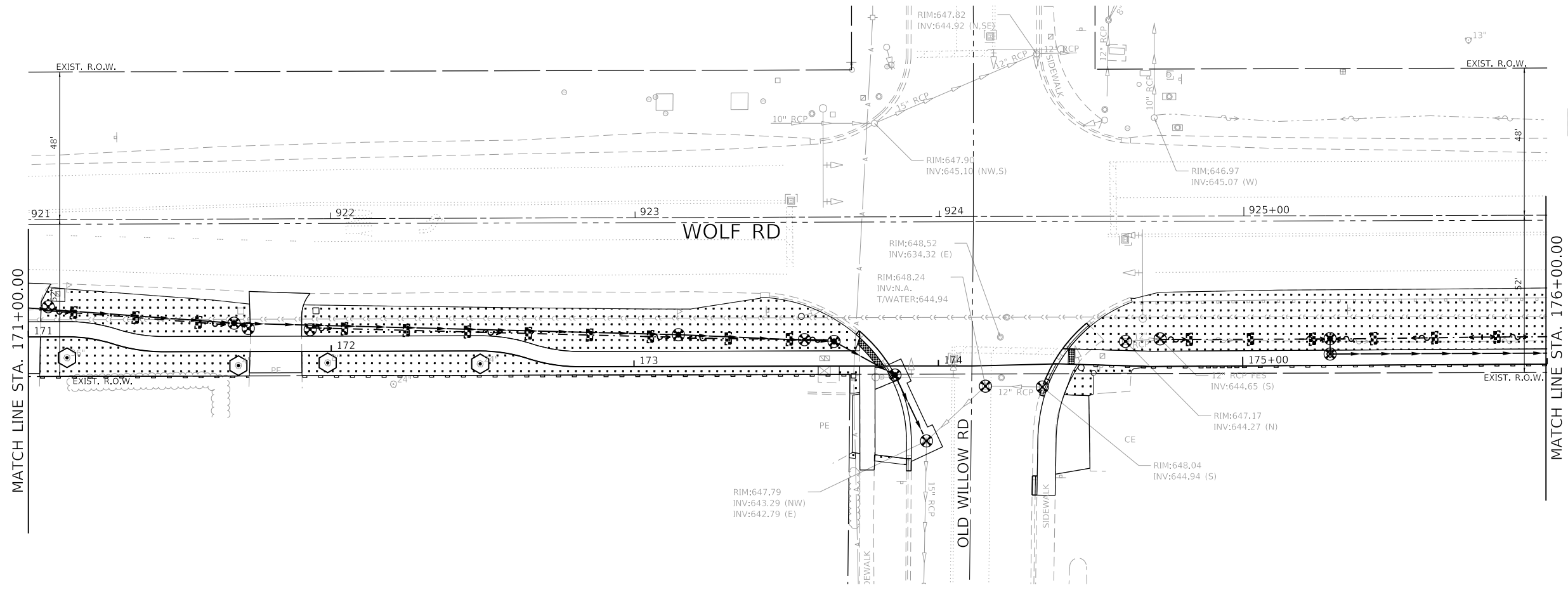
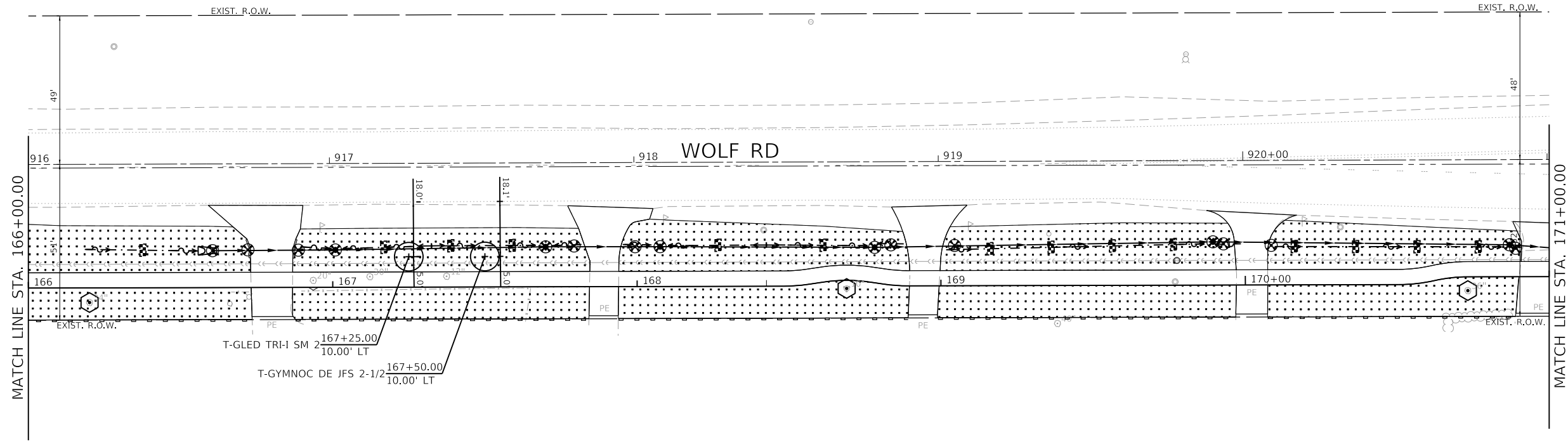
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 DRAWN - PJS
 CHECKED - MJV
 DATE - 5/24/2023

REVISED -
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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL EROSION AND SEDIMENT CONTROL PLANS
WOLF ROAD SIDEWALK
 SCALE: 1"=20' SHEET 3 OF 8 SHEETS STA. 156+00 TO STA. 166+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	49
				CONTRACT NO. 61J53
ILLINOIS FED. AID PROJECT				



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4"
 - SEEDING, CLASS 1A
 - PHOSPHORUS FERTILIZER NUTRIENT
 - NITROGEN FERTILIZER NUTRIENT
 - POTASSIUM FERTILIZER NUTRIENT
 - EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - INLET FILTERS
 - TREE TRUNK PROTECTION
 - MULCH PLACEMENT, 4"
 - DITCH CHECKS
 - PROPOSED TREE PLANTING (T-GLED TRI-I SM 2 OR T-GYMNOC DE JFS 2-1/2)
 - WEED CONTROL, PRE-EMERGENT GRANULAR
 - SUPPLEMENTAL WATERING

GHA GEWALT HAMILTON ASSOCIATES, INC.

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DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 5/24/2023	REVISED -

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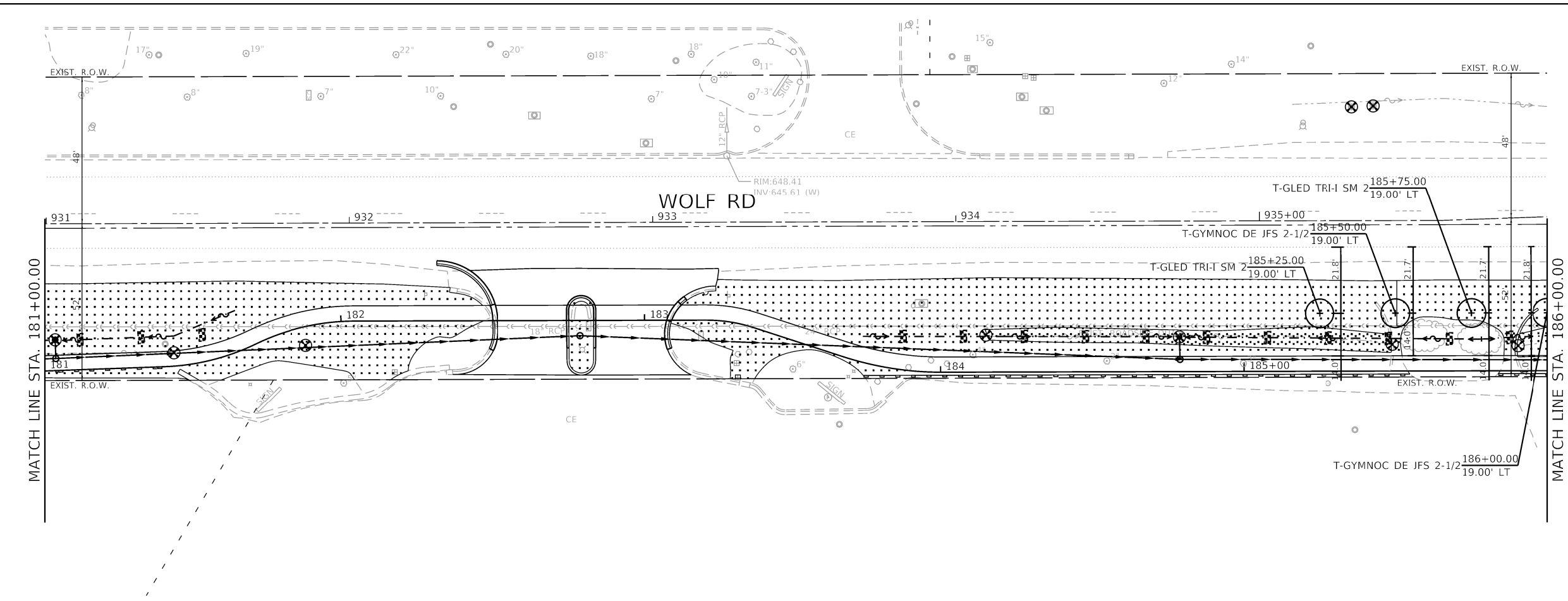
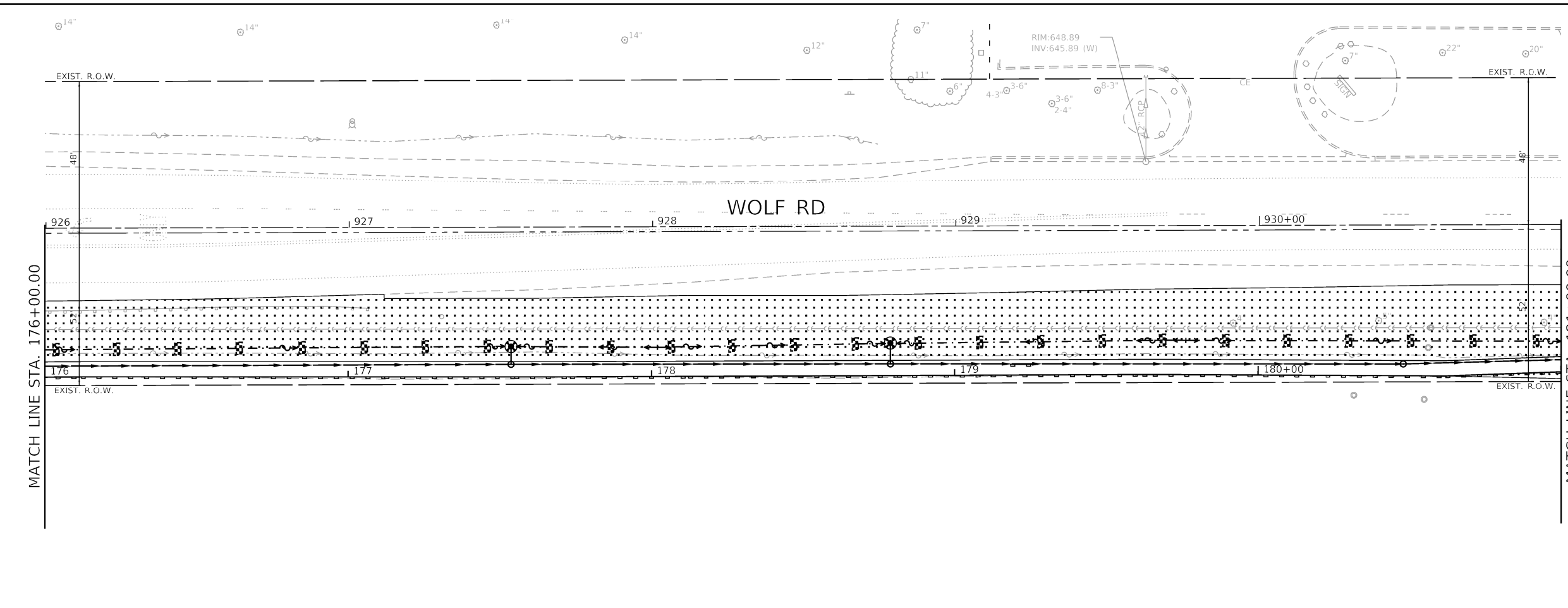
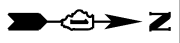
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DATE - 5/24/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL EROSION AND SEDIMENT CONTROL PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 4 OF 8 SHEETS STA. 166+00 TO STA. 176+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	50
				CONTRACT NO. 61J53
ILLINOIS FED. AID PROJECT				



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4"
 - SEEDING, CLASS 1A
 - PHOSPHORUS FERTILIZER NUTRIENT
 - NITROGEN FERTILIZER NUTRIENT
 - POTASSIUM FERTILIZER NUTRIENT
 - EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - INLET FILTERS
 - TREE TRUNK PROTECTION
 - MULCH PLACEMENT, 4"
 - DITCH CHECKS
 - PROPOSED TREE PLANTING
(T-GLED TRI-I SM 2 OR T-GYMNOC DE JFS 2-1/2)
 - WEED CONTROL, PRE-EMERGENT GRANULAR
 - SUPPLEMENTAL WATERING

GHA GEWALT HAMILTON ASSOCIATES, INC.

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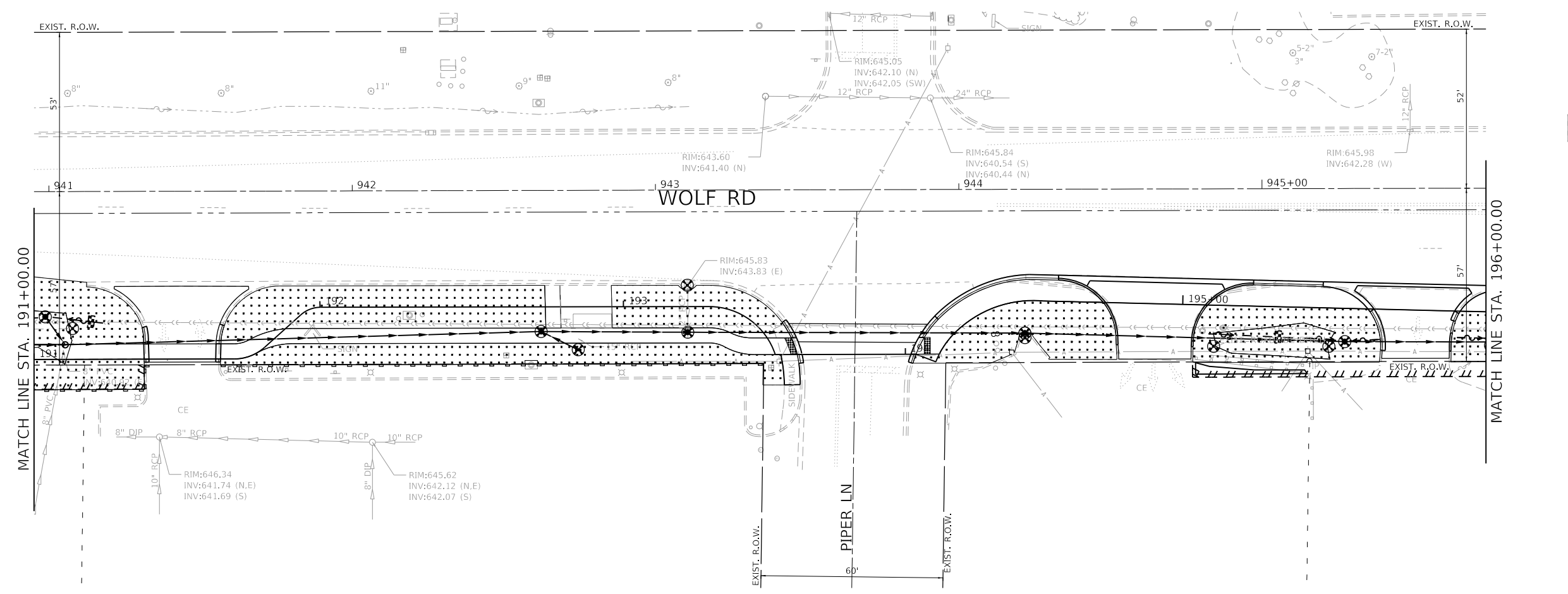
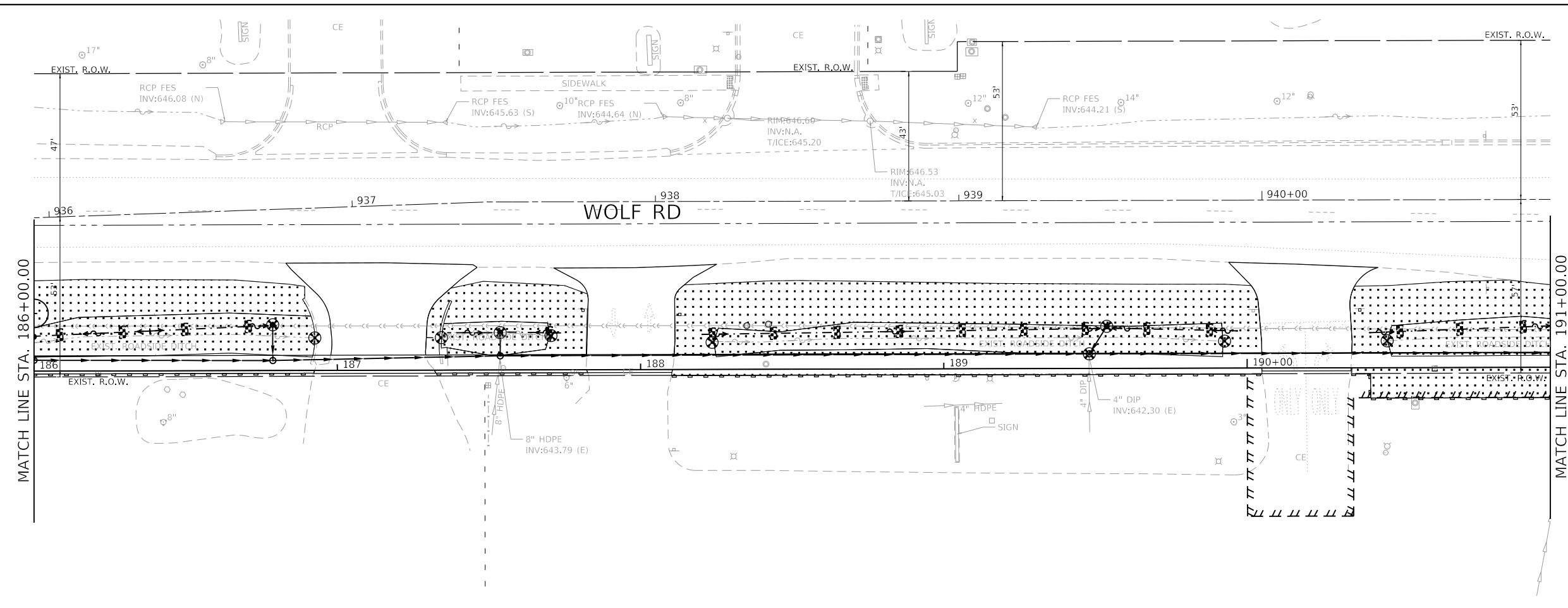
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DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL EROSION AND SEDIMENT CONTROL PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 176+00 TO STA. 186+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	51
CONTRACT NO. 61J53			ILLINOIS FED. AID PROJECT	



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4"
 - SEEDING, CLASS 1A
 - PHOSPHORUS FERTILIZER NUTRIENT
 - NITROGEN FERTILIZER NUTRIENT
 - POTASSIUM FERTILIZER NUTRIENT
 - EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - INLET FILTERS
 - TREE TRUNK PROTECTION
 - MULCH PLACEMENT, 4"
 - DITCH CHECKS
 - PROPOSED TREE PLANTING (T-GLED TRI-I SM 2 OR T-GYMNOC DE JFS 2-1/2)
 - WEED CONTROL, PRE-EMERGENT GRANULAR
 - SUPPLEMENTAL WATERING

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
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CHECKED - MJV
DATE - 11/9/2023

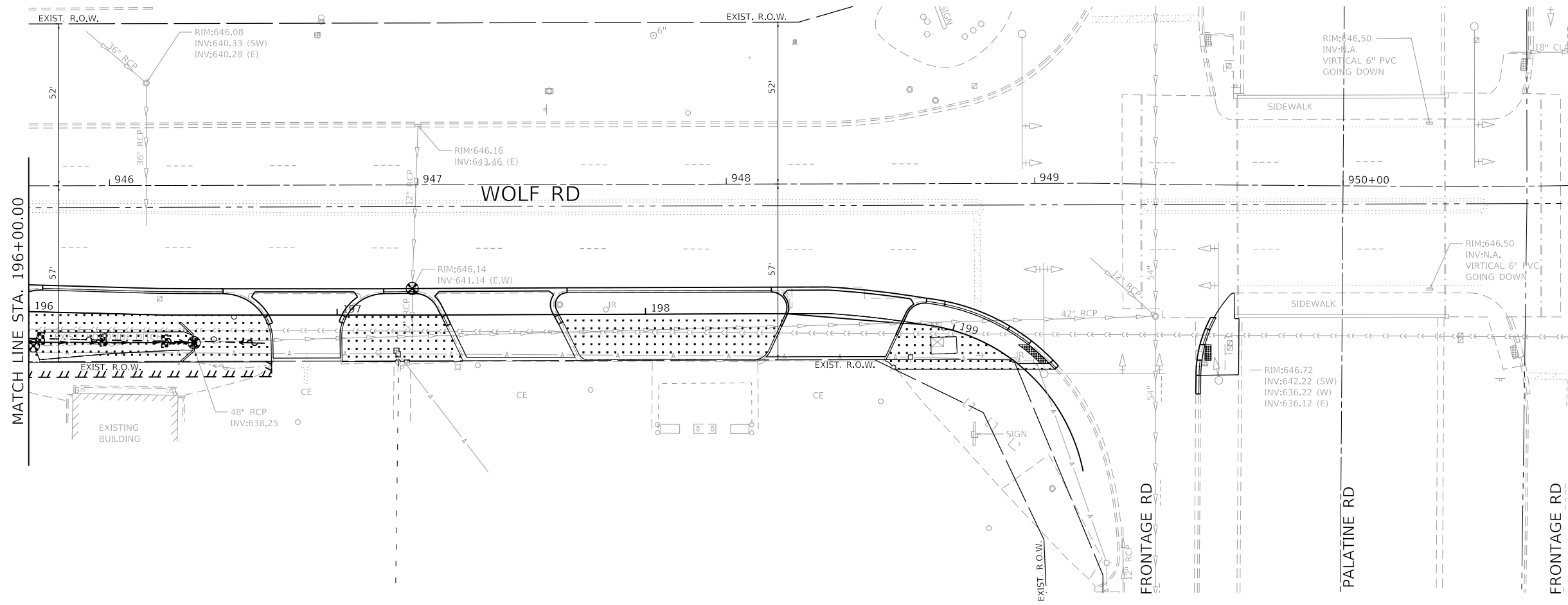
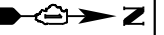
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL EROSION AND SEDIMENT CONTROL PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 6 OF 8 SHEETS STA. 186+00 TO STA. 196+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	52
				CONTRACT NO. 61153
		ILLINOIS	FED. AID PROJECT	



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4"
 - SEEDING, CLASS 1A
 - PHOSPHORUS FERTILIZER NUTRIENT
 - NITROGEN FERTILIZER NUTRIENT
 - POTASSIUM FERTILIZER NUTRIENT
 - EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - INLET FILTERS
 - TREE TRUNK PROTECTION
 - MULCH PLACEMENT, 4"
 - DITCH CHECKS
 - PROPOSED TREE PLANTING
(T-GLED TRI-I SM 2 OR T-GYMNOC DE JFS 2-1/2)
 - WEED CONTROL, PRE-EMERGENT GRANULAR
 - SUPPLEMENTAL WATERING

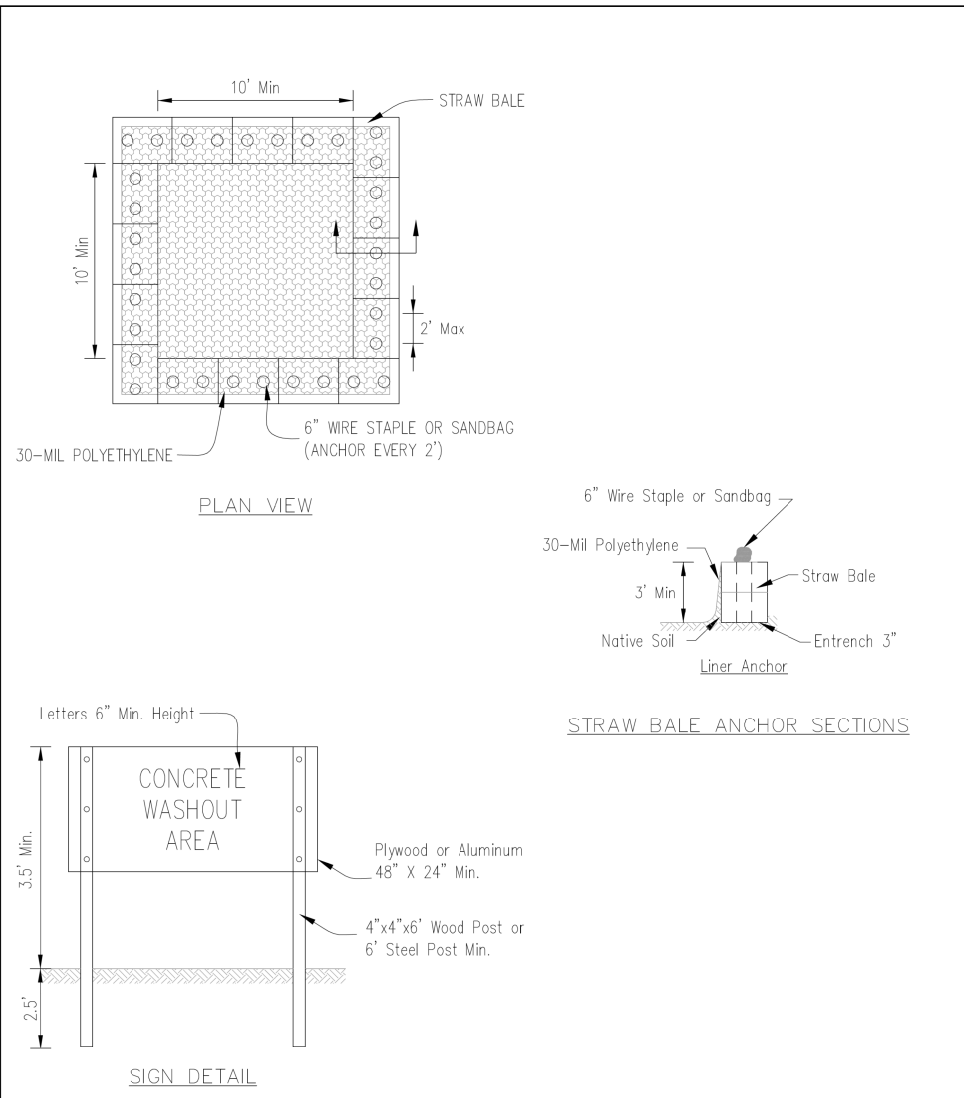
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

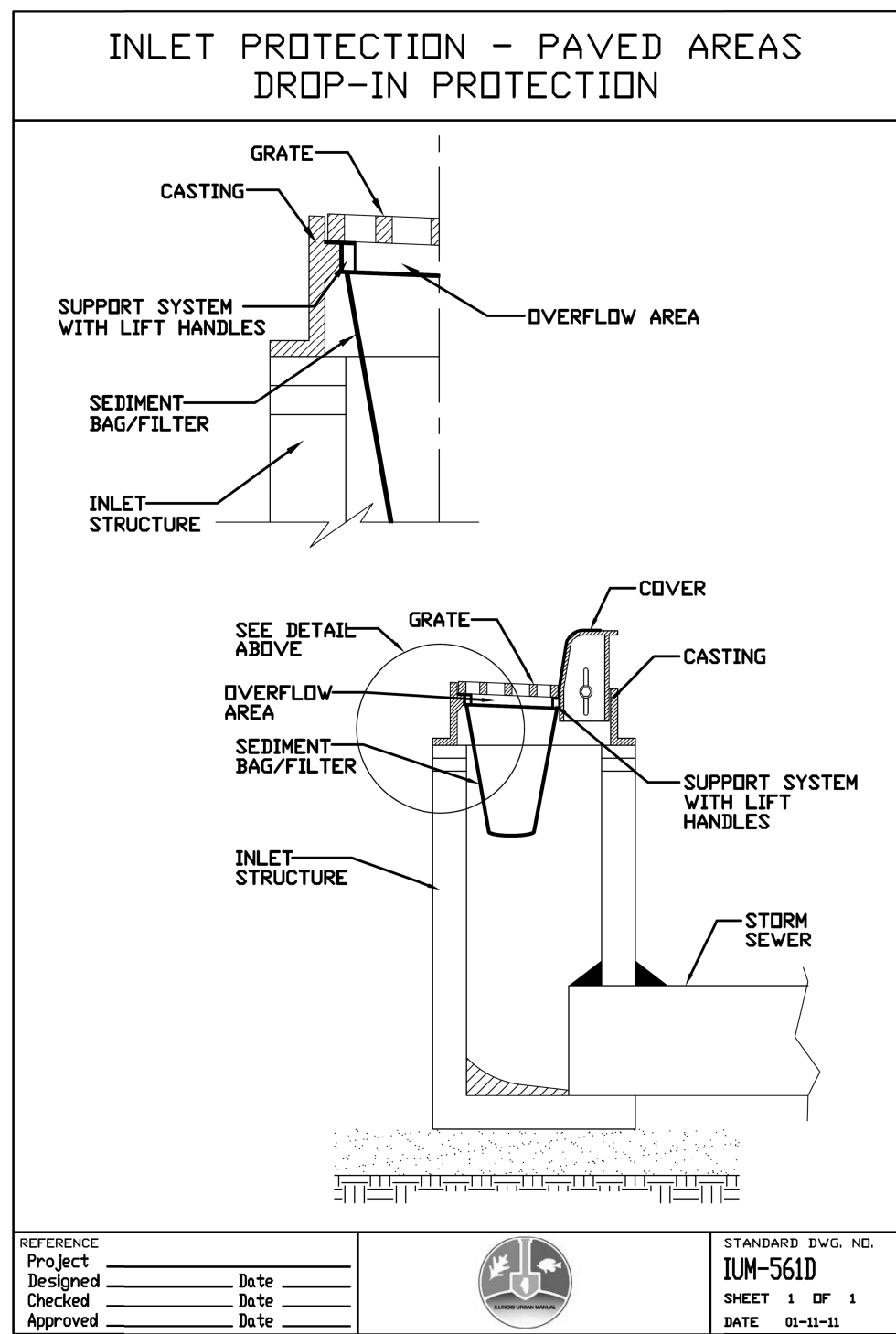
SOIL EROSION AND SEDIMENT CONTROL PLANS			
WOLF ROAD SIDEWALK			
SCALE: 1"=20'	SHEET 7 OF 8 SHEETS	STA. 196+00	TO STA. 199+65.48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	53
				CONTRACT NO. 61J53
ILLINOIS FED. AID PROJECT				

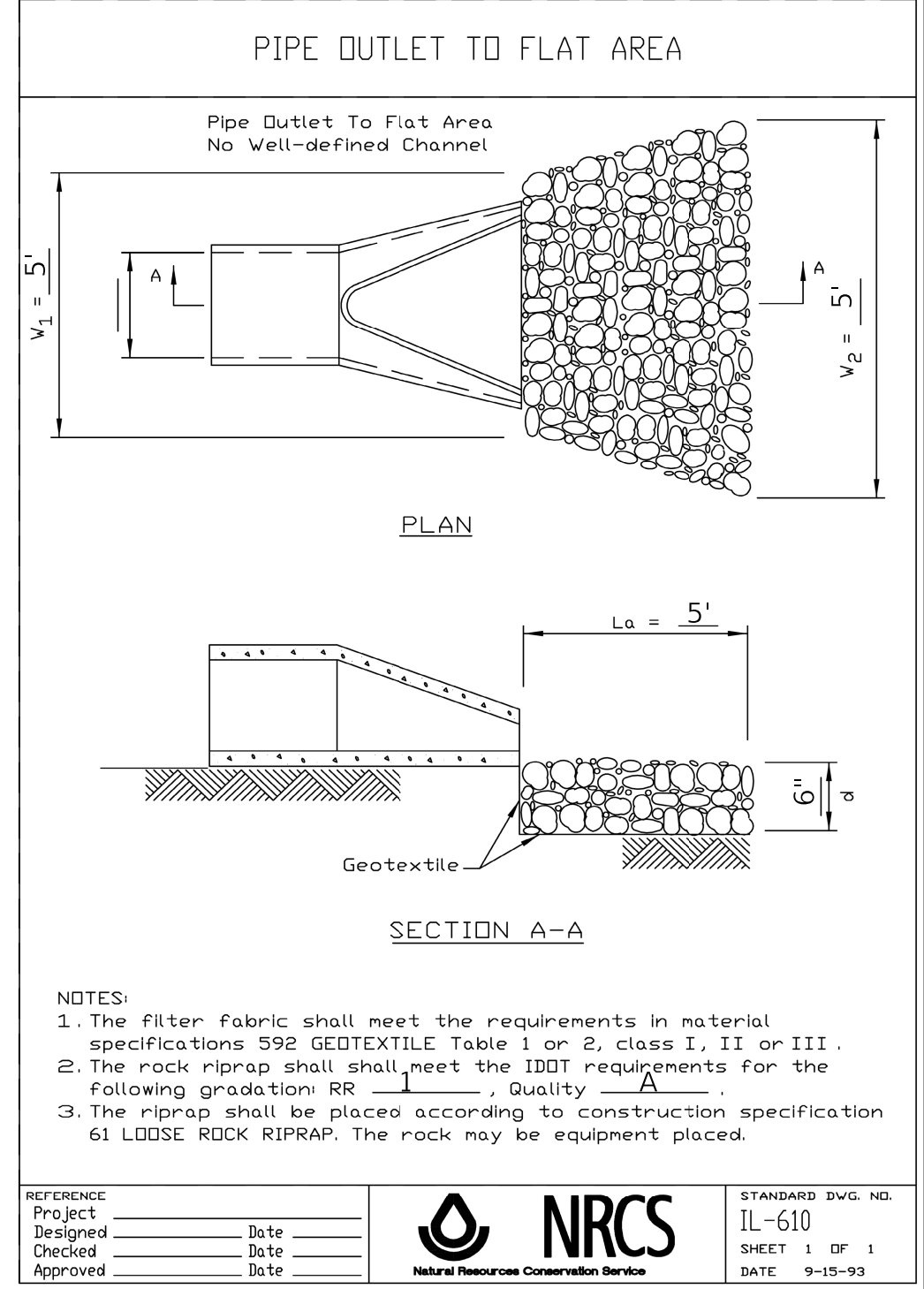


- NOTES:
- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 - Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
 - Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE		Designed	Date
		Drawn B. JOHNSON	6/08
		Checked	
		Approved	



REFERENCE Project	_____ Date _____		STANDARD DWG. NO.
Designed	_____ Date _____		IUM-561D
Checked	_____ Date _____		SHEET 1 OF 1
Approved	_____ Date _____		DATE 01-11-11



- NOTES:
- The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
 - The rock riprap shall meet the IDOT requirements for the following gradation: RR _____, Quality A.
 - The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE Project	_____ Date _____		STANDARD DWG. NO.
Designed	_____ Date _____		IL-610
Checked	_____ Date _____		SHEET 1 OF 1
Approved	_____ Date _____		DATE 9-15-93

GHA GEWALT HAMILTON ASSOCIATES, INC.
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Default	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL EROSION AND SEDIMENT CONTROL DETAILS
WOLF ROAD SIDEWALK

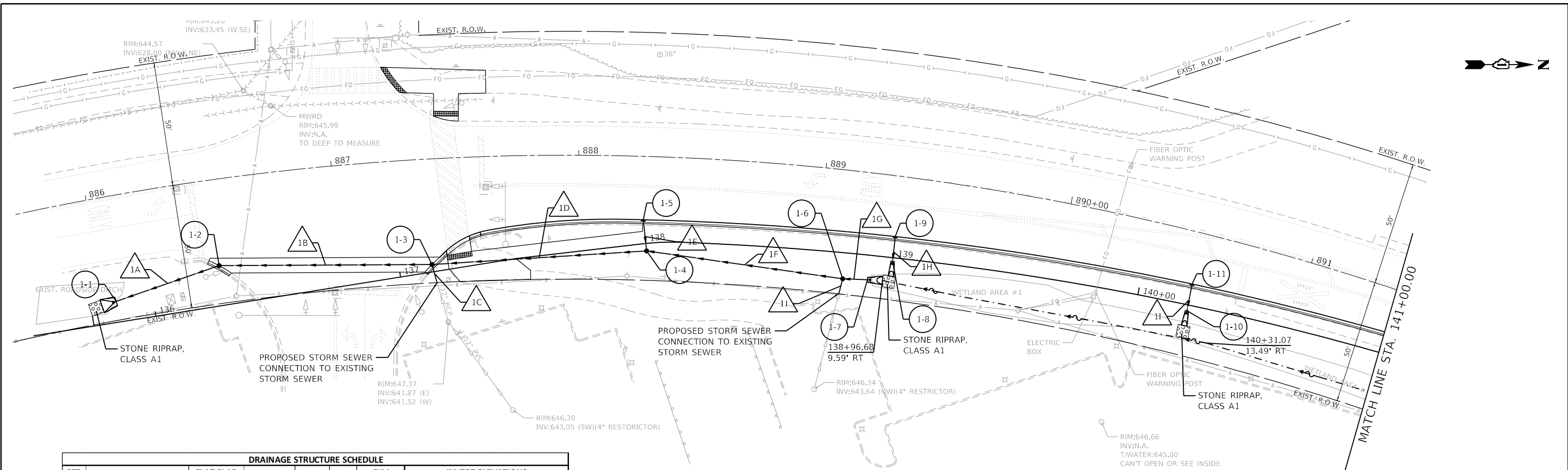
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	54
			CONTRACT NO. 61J53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	DATE	
	BY	
	NO.	
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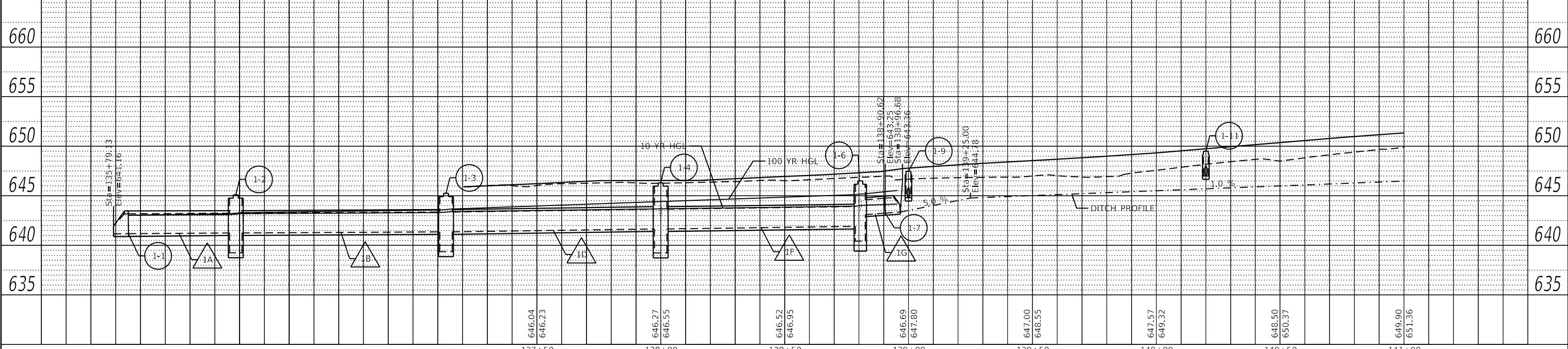
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shd-drain_1.dgn



DRAINAGE STRUCTURE SCHEDULE									
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS		
							OUT FLOW	IN FLOW	
1-1	PRC FL END S EQ RS 30	N/A	135+85.13	8.46'	LT	641.18	N		
1-2	CB TA 5 DIA T11 F&G	YES	136+28.46	16.13'	LT	645.10	S	641.25	N
1-3	CB TA 5 DIA T11 F&G	YES	137+13.32	2.98'	LT	645.25	S	641.36	N
1-4	CB TA 5 DIA T8G	YES	137+99.95	3.02'	RT	646.30	S	641.65	N
1-5	INLETS TA T11V F&G	N/A	138+00.00	9.64'	LT	646.29	E		643.00
1-6	CB TA 4 DIA T8G	YES	138+80.53	10.51'	RT	646.50	S	643.10	N
1-7	PRC FLAR END SEC 18	N/A	138+90.62	9.95'	RT	643.25	S		643.62
1-8	PRC FLAR END SEC 12	N/A	139+00.00	1.40'	RT	644.50	W		
1-9	INLETS TA T11V F&G	N/A	139+00.00	8.60'	LT	647.48	E		
1-10	PRC FLAR END SEC 12	N/A	140+20.71	2.41'	RT	646.50	W		
1-11	INLETS TA T11V F&G	N/A	140+20.49	8.58'	LT	649.50	E		

- NOTES:**
1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
 2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
 3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

STORM SEWER SCHEDULE										
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)	
1A	1-2	1-1	44	24X38	SS CL A 1 EQRS 30	0.16%	641.25	641.18	0.8	
1B	1-3	1-2	86	24X38	SS CL A 1 EQRS 30	0.13%	641.36	641.25	19.4	
1C	EXIST	1-3	7	12	STORM SEW CL A 1 12	0.00%	0.00	0.00	1.2	
1D	1-4	1-3	87	24	STORM SEW CL A 1 24	0.33%	641.65	641.36	30.8	
1E	1-5	1-4	12	12	STORM SEW CL A 1 12	2.42%	643.29	643.00	1.6	
1F	1-6	1-4	78	24	STORM SEW CL A 1 12	0.33%	641.91	641.65	0.0	
1G	1-7	1-6	10	15	STORM SEW CL A 1 18	1.50%	643.25	643.10	0.0	
1H	1-9	1-8	10	12	STORM SEW CL A 1 12	3.00%	644.80	644.50	2.5	
1I	1-11	1-10	11	12	STORM SEW CL A 1 12	4.55%	647.00	646.50	1.9	
1J	EXIST	1-6	6	12	STORM SEW CL A 1 12		MATCH EX	643.62	0.0	



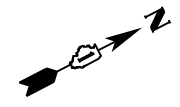
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLANS
 WOLF ROAD SIDEWALK**

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Default	PLOT DATE = 11/9/2023	CHECKED - MJV	REVISED -
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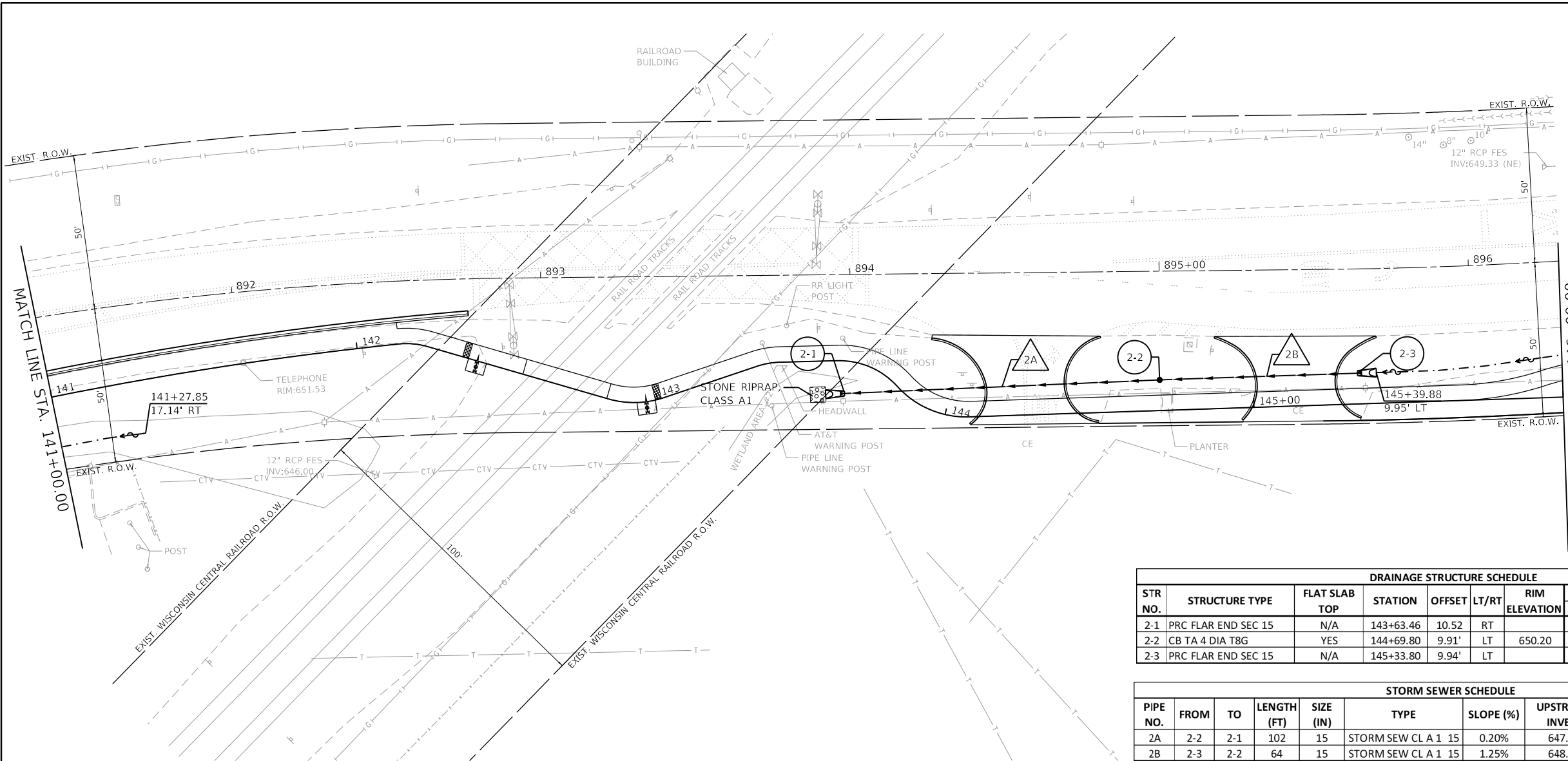
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F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 55
CONTRACT NO. 61153			ILLINOIS FED. AID PROJECT	



PLAN	SURVIVED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
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PROFILE	SURVIVED	DATE
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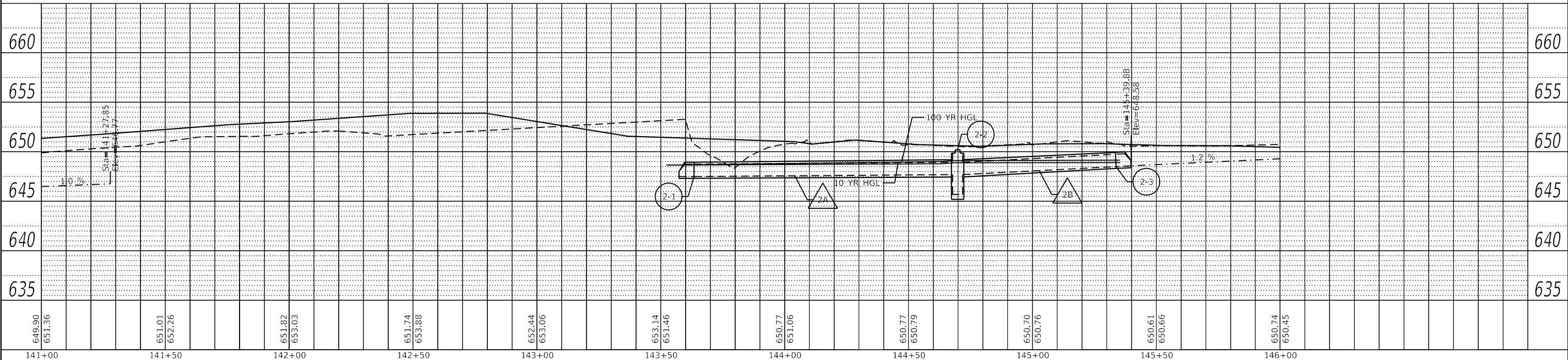


- NOTES:**
1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
 2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
 3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

DRAINAGE STRUCTURE SCHEDULE									
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS		
							OUT FLOW	IN FLOW	
2-1	PRC FLAR END SEC 15	N/A	143+63.46	10.52	RT		647.50	NE	
2-2	CB TA 4 DIA T8G	YES	144+69.80	9.91'	LT	650.20	647.70	SW	647.70 NE
2-3	PRC FLAR END SEC 15	N/A	145+33.80	9.94'	LT		648.50	SW	

STORM SEWER SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)
2A	2-2	2-1	102	15	STORM SEW CL A 1 15	0.20%	647.70	647.50	152.8
2B	2-3	2-2	64	15	STORM SEW CL A 1 15	1.25%	648.50	647.70	6.0

WOLF RD



GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-drain 2.dgn

FILE NAME = 4755-180-sht-drain 2.dgn	USER NAME = mvasak	DESIGNED - MJV	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

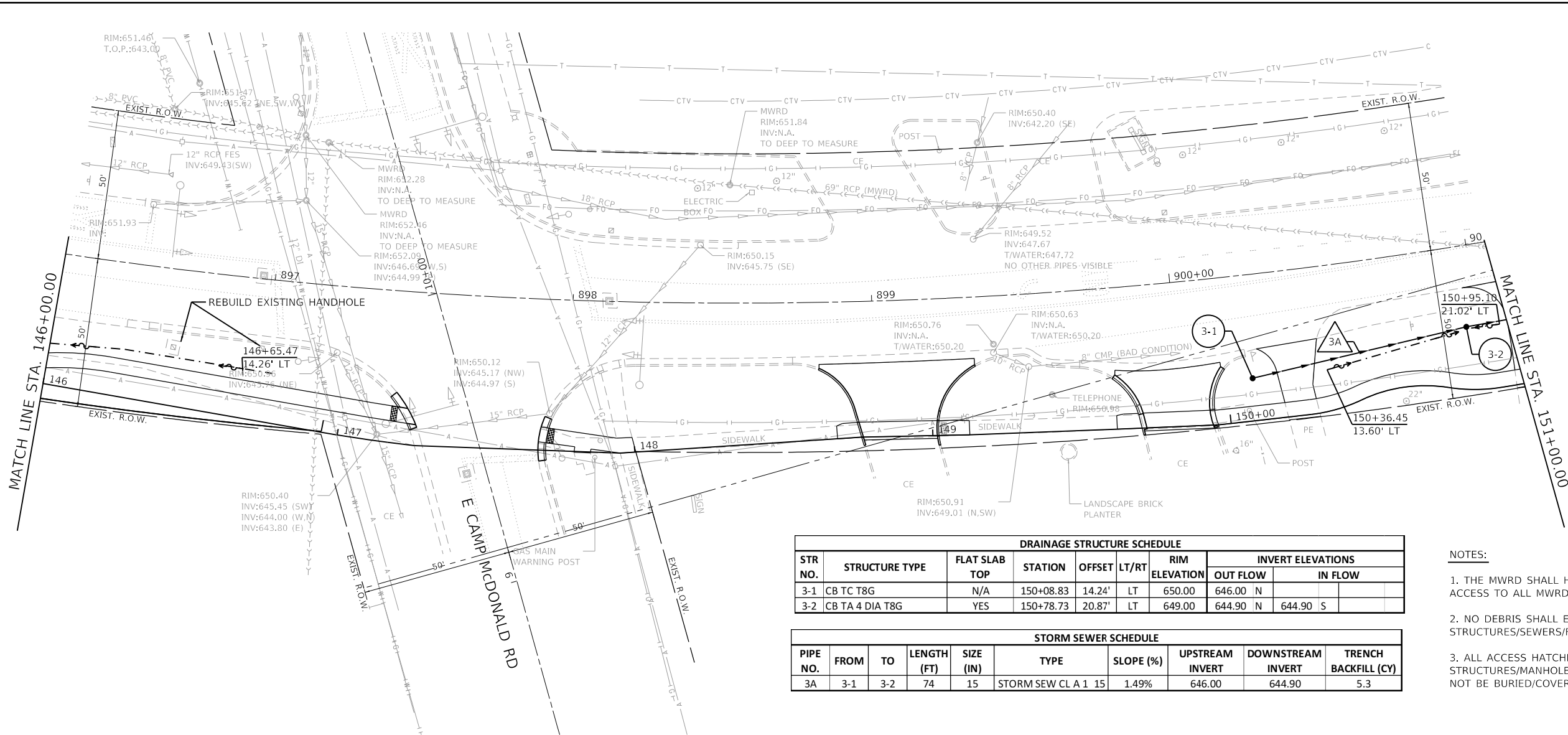
DRAINAGE AND UTILITY PLANS
WOLF ROAD SIDEWALK
 SCALE: H:1"=20' SHEET 2 OF 14 SHEETS STA. 141+00 TO STA. 146+00

F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 56
CONTRACT NO. 61153			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
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	ALIGNED	
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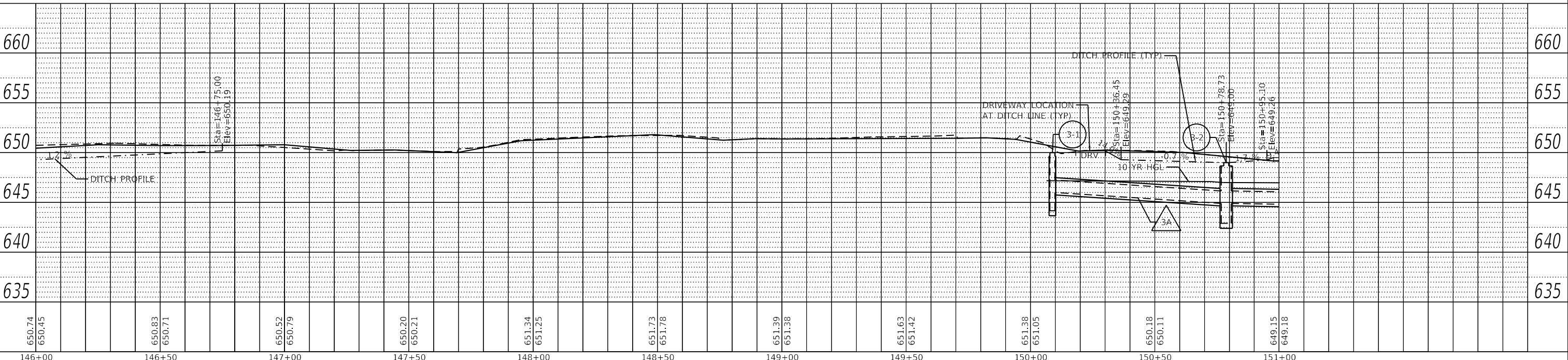
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	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	



DRAINAGE STRUCTURE SCHEDULE								
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS	
							OUT FLOW	IN FLOW
3-1	CB TC T8G	N/A	150+08.83	14.24'	LT	650.00	646.00 N	
3-2	CB TA 4 DIA T8G	YES	150+78.73	20.87'	LT	649.00	644.90 N	644.90 S

STORM SEWER SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)
3A	3-1	3-2	74	15	STORM SEW CL A 1 15	1.49%	646.00	644.90	5.3

- NOTES:
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 2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
 3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.



GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-drain 3.dgn

FILE NAME = 4755-180-sht-drain 3.dgn	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755-180-sht-drain 3.dgn		DRAWN - PJS	REVISED -
4755-180-sht-drain 3.dgn		CHECKED - MJV	REVISED -
Default		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLANS
WOLF ROAD SIDEWALK
 SCALE: H:1"=20' SHEET 3 OF 14 SHEETS STA. 146+00 TO STA. 151+00

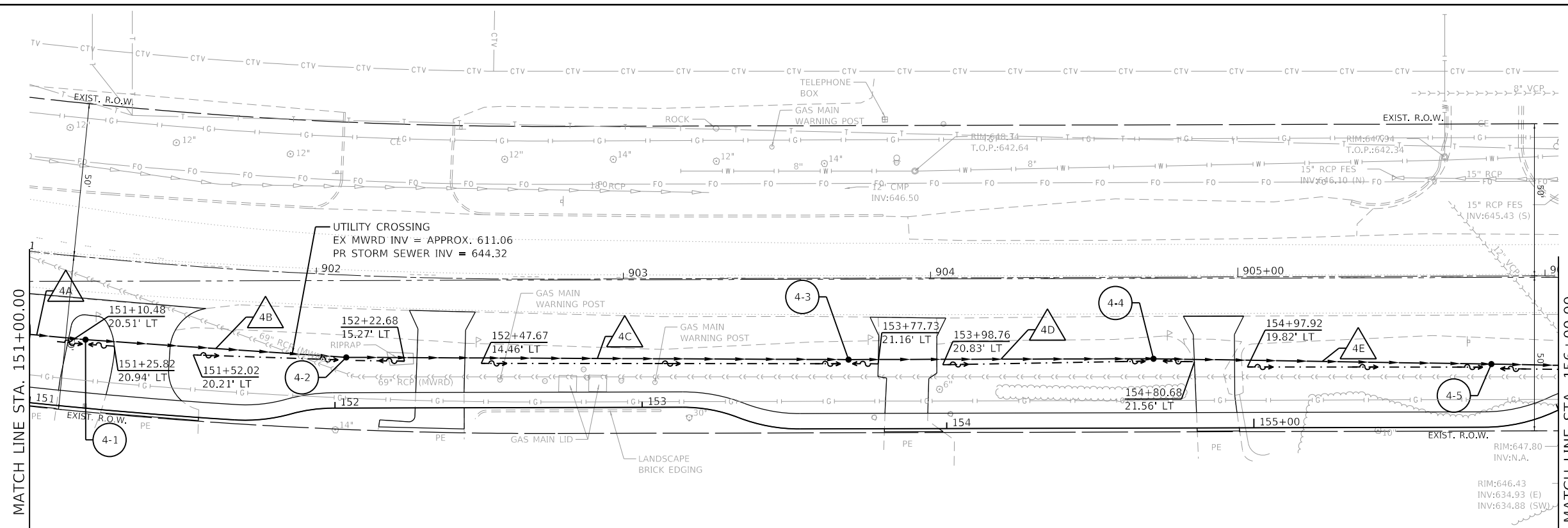
F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 57
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-drain-4.dgn

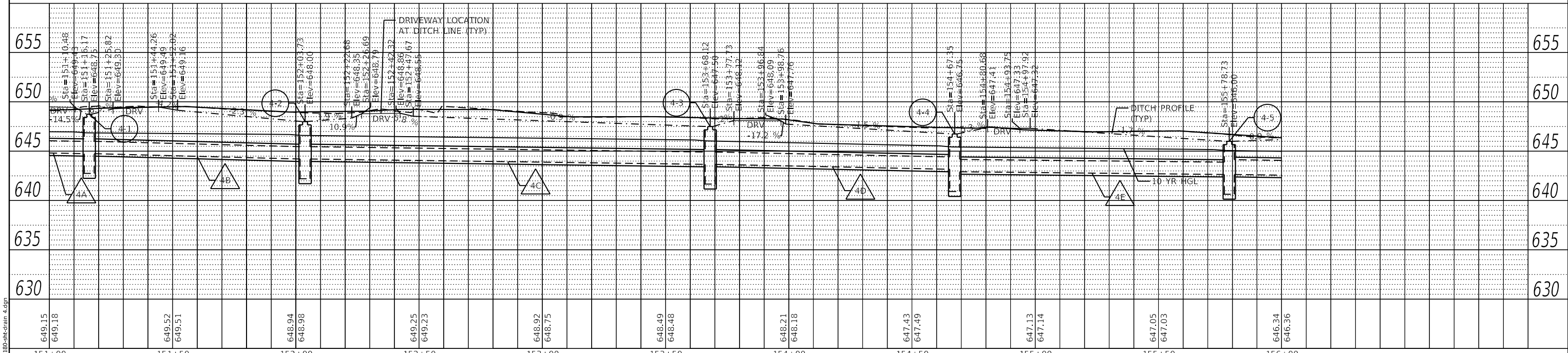


DRAINAGE STRUCTURE SCHEDULE										
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS			
							OUT FLOW		IN FLOW	
4-1	CB TA 4 DIA T8G	YES	151+16.17	22.20'	LT	648.75	644.75	N	644.75	S
4-2	CB TA 4 DIA T8G	YES	152+03.73	16.53'	LT	648.00	644.21	N	644.21	S
4-3	CB TA 4 DIA T8G	YES	153+68.12	22.56'	LT	647.50	643.67	N	643.67	S
4-4	CB TA 4 DIA T8G	NO	154+67.35	22.59'	LT	647.75	642.92	N	643.17	S
4-5	CB TA 4 DIA T8G	YES	155+78.73	20.48'	LT	646.00	642.64	N	642.64	S

STORM SEWER SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)
4A	3-2	4-1	32	15	STORM SEW CL A 1 15	0.47%	644.90	644.75	6.3
4B	4-1	4-2	85	15	STORM SEW CL A 1 15	0.54%	644.75	644.21	8.7
4C	4-2	4-3	164	15	STORM SEW CL A 1 15	0.33%	644.21	643.67	7.8
4D	4-3	4-4	99	15	STORM SEW CL A 1 15	0.51%	643.67	643.17	8.4
4E	4-4	4-5	110	15	STORM SEW CL A 1 15	0.25%	642.92	642.64	7.2

- NOTES:
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 2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
 3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

WOLF RD



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755-180-sht-drain-4.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MJV	REVISED -
Default		DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS
 WOLF ROAD SIDEWALK

SCALE: H:1"=20' SHEET 4 OF 14 SHEETS STA. 151+00 TO STA. 156+00

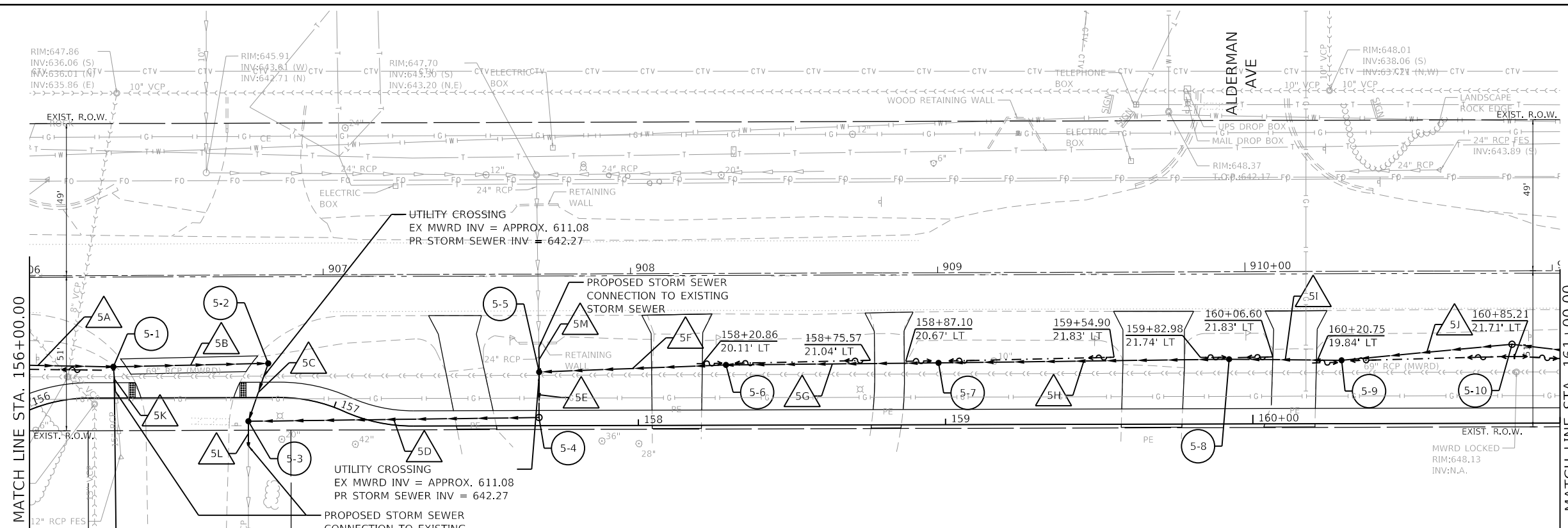
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	58
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	

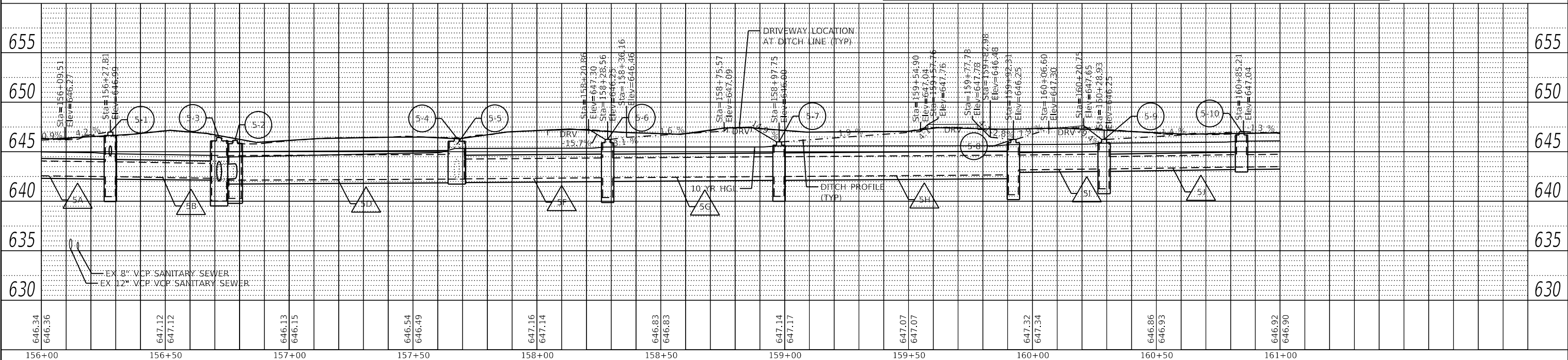
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shd-drain-5.dgn



DRAINAGE STRUCTURE SCHEDULE										
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS			
							OUT FLOW		IN FLOW	
5-1	CB TA 4 DIA T1F OL	YES	156+27.81	10.14'	LT	646.99	642.48	N	642.48	E
5-2	CB TA 5 DIA T1F OL	YES	156+78.20	11.15'	LT	646.16	642.29	E	642.29	S
5-3	MAN TA 6D T1F CL R-P	YES	156+71.72	7.70'	RT	646.43	642.03	E	642.12	N
5-4	MAN TA 6 DIA T1F CL	YES	157+67.67	2.69'	LT	646.40	642.24	S	642.24	W
5-5	MAN TA 6 DIA T8G	YES	157+67.76	17.51'	LT	645.77	642.27	E	642.27	N
5-6	CB TA 4 DIA T8G	YES	158+28.56	19.65'	LT	646.25	642.38	S	642.38	N
5-7	CB TA 4 DIA T8G	YES	158+97.75	20.14'	LT	646.00	642.50	S	642.50	N
5-8	CB TA 4 DIA T8G	YES	159+92.31	21.11'	LT	646.25	642.67	S	643.17	N
5-9	CB TA 4 DIA T8G	YES	160+28.93	20.66'	LT	646.25	643.27	S	643.27	N
5-10	MAN TA 4 DIA T1F CL	YES	160+84.43	25.75'	LT	647.03	643.46	S	643.46	N

STORM SEWER SCHEDULE											
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)		
5A	4-5	5-1	49	18	STORM SEW CL A 1 18	0.33%	642.64	642.48	0.0		
5B	5-1	5-2	50	18	STORM SEW CL A 1 18	0.38%	642.48	642.29	18.0		
5C	5-2	5-3	20	18	STORM SEW CL A 1 18	0.45%	642.29	642.20	4.5		
5D	5-4	5-3	95	30	STORM SEW CL A 1 30	0.13%	642.24	642.12	15.7		
5E	5-5	5-4	15	24	STORM SEW CL A 1 24	0.20%	642.27	642.24	0.0		
5F	5-6	5-5	61	24	STORM SEW CL A 1 24	0.18%	642.38	642.27	8.4		
5G	5-7	5-6	69	24	STORM SEW CL A 1 24	0.17%	642.50	642.38	5.6		
5H	5-8	5-7	95	24	STORM SEW CL A 1 24	0.18%	642.67	642.50	10.0		
5I	5-9	5-8	37	18	STORM SEW CL A 1 18	0.27%	643.27	643.17	6.3		
5J	5-10	5-9	56	15	STORM SEW CL A 1 15	0.34%	643.46	643.27	0.0		
5K	EXIST	5-1	8	15	STORM SEW CL A 1 15	1.87%	644.74	644.59	1.0		
5L	5-3	EXIST	8	24	STORM SEW CL A 1 24	MATCH EX	642.03	MATCH EX	0.0		
5M	EXIST	5-3	8	24	STORM SEW CL A 1 24	0.75%	642.79	642.73	0.4		

- NOTES:**
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 2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
 3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755-180-shd-drain-5.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MJV	REVISED -
Default		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLANS			
WOLF ROAD SIDEWALK			
SCALE: H:1"=20'	SHEET 5 OF 14 SHEETS	STA. 156+00	TO STA. 161+00

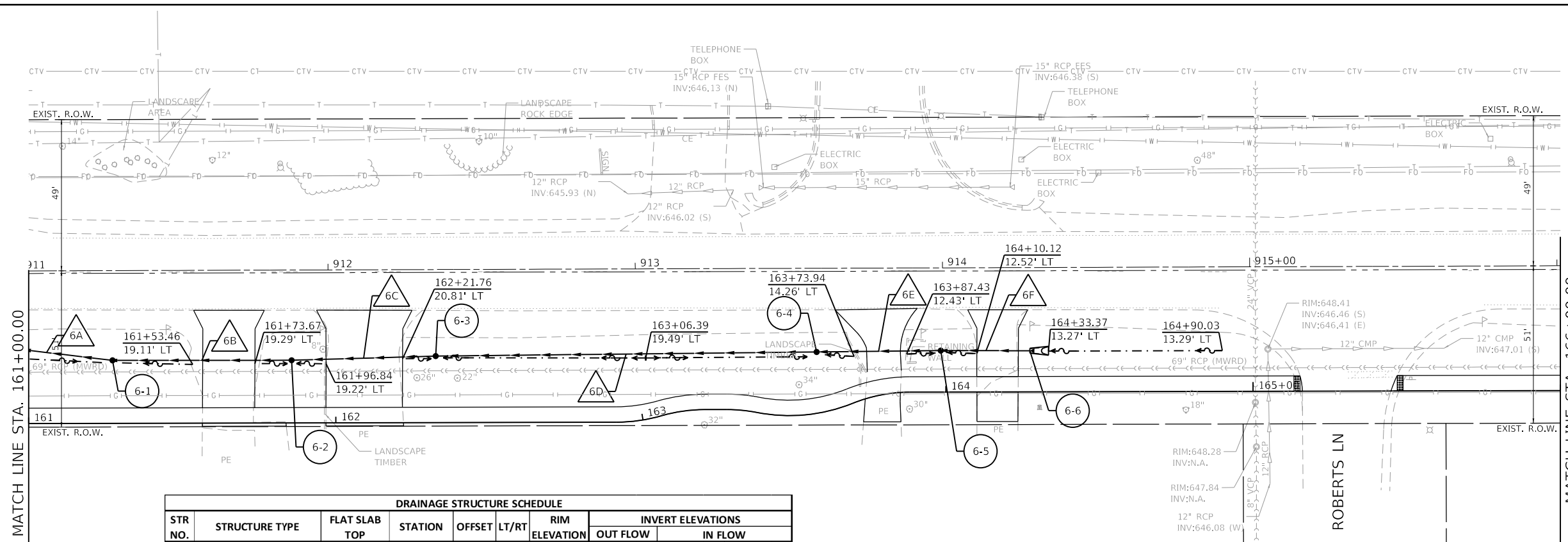
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	59
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	FILED	
	NO.	
	BY	

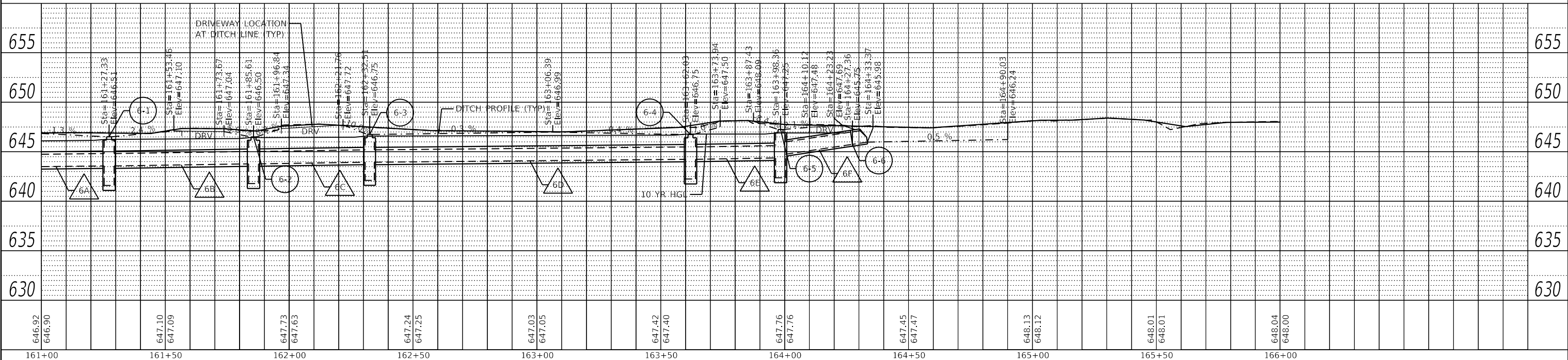
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-drain_6.dgn



DRAINAGE STRUCTURE SCHEDULE										
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS			
							OUT FLOW	IN FLOW		
6-1	CB TA 4 DIA T8G	YES	161+27.33	20.50'	LT	646.51	643.60	S	643.60	N
6-2	CB TA 4 DIA T8G	YES	161+85.61	20.40'	LT	646.50	643.79	S	643.79	N
6-3	CB TA 4 DIA T8G	YES	162+32.51	21.63'	LT	646.75	643.95	S	643.95	N
6-4	CB TA 4 DIA T8G	YES	163+62.03	19.56'	LT	646.75	644.25	S	644.25	N
6-5	CB TA 4 DIA T8G	YES	163+98.36	13.52'	LT	647.25	644.38	S	644.75	N
6-6	PRC FLAR END SEC 15	N/A	164+27.36	13.38'	LT		645.75	S		

STORM SEWER SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)
6A	6-1	5-10	43	15	STORM SEW CL A 1 15	0.33%	643.60	643.46	0.0
6B	6-2	6-1	58	15	STORM SEW CL A 1 15	0.33%	643.79	643.60	5.9
6C	6-3	6-2	47	15	STORM SEW CL A 1 15	0.34%	643.95	643.79	8.5
6D	6-4	6-3	124	15	STORM SEW CL A 1 15	0.24%	644.25	643.95	0.0
6E	6-5	6-4	40	15	STORM SEW CL A 1 15	0.32%	644.38	644.25	4.3
6F	6-6	6-5	29	15	STORM SEW CL A 1 15	3.45%	645.75	644.75	2.3

- NOTES:
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS
 WOLF ROAD SIDEWALK

SCALE: H:1"=20' SHEET 6 OF 14 SHEETS STA. 161+00 TO STA. 166+00

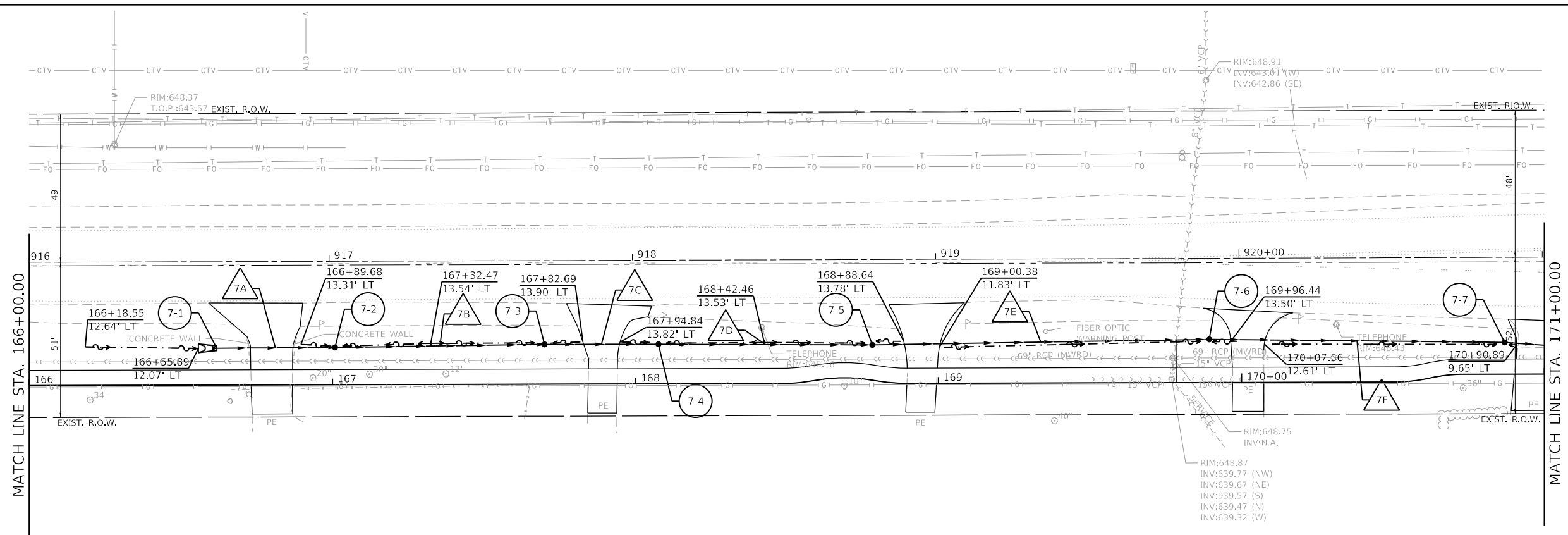
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	60
CONTRACT NO.			61153	
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	DATE	

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-drain-7.dgn



MATCH LINE STA. 166+00.00

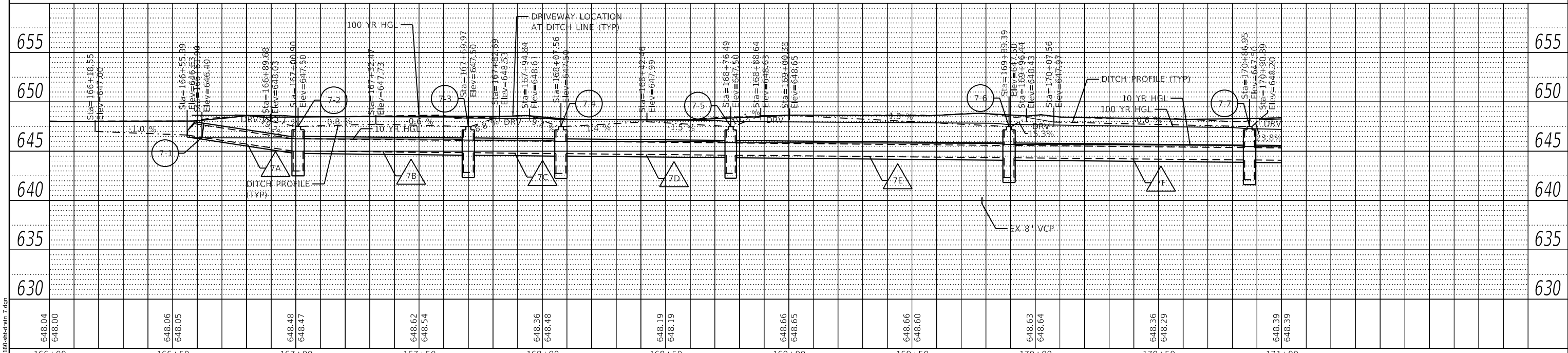
MATCH LINE STA. 171+00.00

DRAINAGE STRUCTURE SCHEDULE									
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS		
							OUT FLOW		IN FLOW
7-1	PRC FLAR END SEC 15	N/A	166+61.90	12.14'	LT	647.50	646.40	N	645.00
7-2	CB TA 4 DIA T8G	YES	167+00.90	12.27'	LT	647.50	645.00	N	645.00
7-3	CB TA 4 DIA T8G	YES	167+69.97	13.13'	LT	647.50	644.84	N	644.84
7-4	CB TA 4 DIA T8G	YES	168+07.56	13.08	LT	647.50	644.75	N	644.75
7-5	CB TA 4 DIA T8G	YES	168+76.49	11.53'	LT	647.50	644.59	N	644.59
7-6	CB TA 4 DIA T8G	YES	169+89.39	14.21'	LT	647.50	644.34	N	644.34
7-7	CB TA 4 DIA T8G	YES	170+86.95	10.50'	LT	647.50	644.12	N	644.12

STORM SEWER SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)
7A	7-1	7-2	39	15	STORM SEW CL A 1 15	3.59%	646.40	645.00	3.0
7B	7-2	7-3	69	15	STORM SEW CL A 1 15	0.23%	645.00	644.84	0.0
7C	7-3	7-4	38	15	STORM SEW CL A 1 15	0.24%	644.84	644.75	4.6
7D	7-4	7-5	70	15	STORM SEW CL A 1 15	0.23%	644.75	644.59	0.0
7E	7-5	7-6	111	15	STORM SEW CL A 1 15	0.23%	644.59	644.34	4.9
7F	7-6	7-7	97	15	STORM SEW CL A 1 15	0.23%	644.34	644.12	5.3

- NOTES:**
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 - NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
 - ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLE WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

WOLF RD



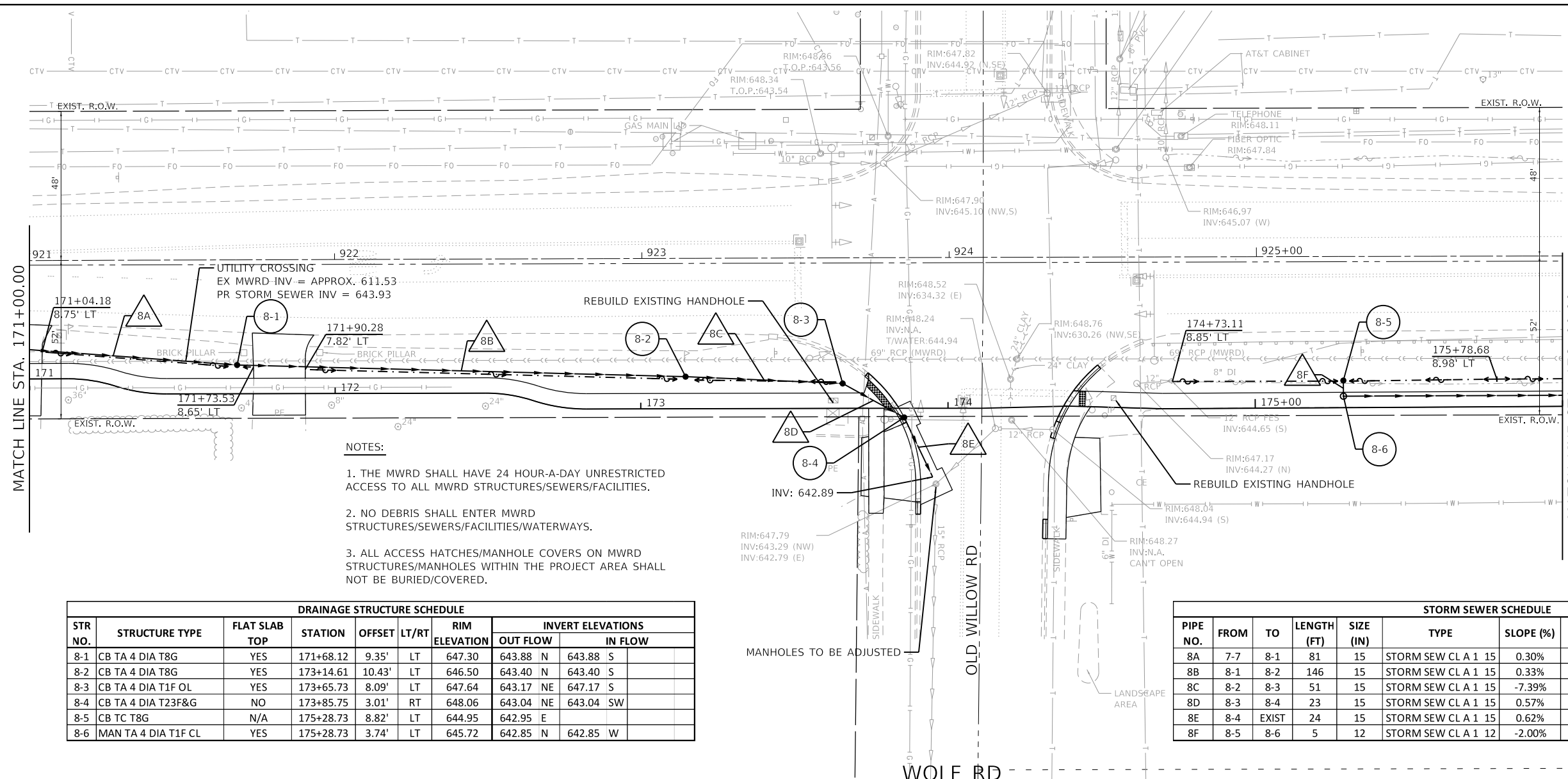
FILE NAME = 4755-180-sht-drain-7.dgn	USER NAME = mvasak	DESIGNED - MJV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLANS		F.A.U. RTE. = 2692	SECTION = 19-00054-00-SW	COUNTY = COOK	TOTAL SHEETS = 158	SHEET NO. = 61	
PLOT SCALE = 1:40	CHECKED - MJV	REVISED -			WOLF ROAD SIDEWALK		CONTRACT NO. 61153					
PLOT DATE = 11/9/2023	DATE = 11/9/2023	REVISED -			SCALE: H:1"=20'	SHEET 7 OF 14 SHEETS	STA. 166+00	TO STA. 171+00				
					ILLINOIS FED. AID PROJECT							



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	FILE NAME	
	NO.	

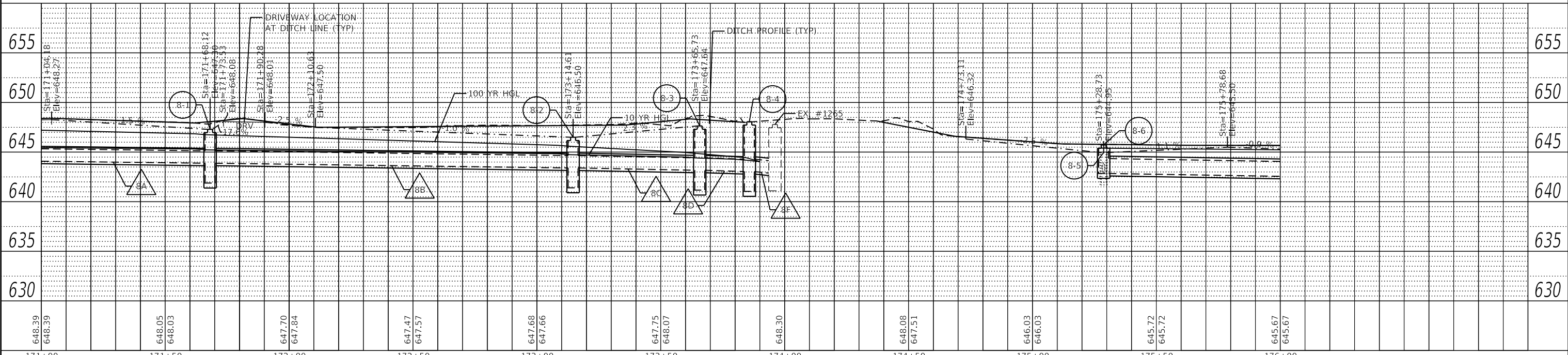
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shd-drain 8.dgn



- NOTES:**
1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
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DRAINAGE STRUCTURE SCHEDULE								
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS	
							OUT FLOW	IN FLOW
8-1	CB TA 4 DIA T8G	YES	171+68.12	9.35'	LT	647.30	643.88	N 643.88 S
8-2	CB TA 4 DIA T8G	YES	173+14.61	10.43'	LT	646.50	643.40	N 643.40 S
8-3	CB TA 4 DIA T1F OL	YES	173+65.73	8.09'	LT	647.64	643.17	NE 647.17 S
8-4	CB TA 4 DIA T23F&G	NO	173+85.75	3.01'	RT	648.06	643.04	NE 643.04 SW
8-5	CB TC T8G	N/A	175+28.73	8.82'	LT	644.95	642.95	E
8-6	MAN TA 4 DIA T1F CL	YES	175+28.73	3.74'	LT	645.72	642.85	N 642.85 W

STORM SEWER SCHEDULE										
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)	
8A	7-7	8-1	81	15	STORM SEW CL A 1 15	0.30%	644.12	643.88	5.5	
8B	8-1	8-2	146	15	STORM SEW CL A 1 15	0.33%	643.88	643.40	32.3	
8C	8-2	8-3	51	15	STORM SEW CL A 1 15	-7.39%	643.40	647.17	0.0	
8D	8-3	8-4	23	15	STORM SEW CL A 1 15	0.57%	643.17	643.04	6.4	
8E	8-4	EXIST	24	15	STORM SEW CL A 1 15	0.62%	643.04	642.89	7.5	
8F	8-5	8-6	5	12	STORM SEW CL A 1 12	-2.00%	642.85	642.95	0.1	



FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-shd-drain 8.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
Default		DATE - 12/4/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLANS
 WOLF ROAD SIDEWALK**

SCALE: H:1"=20' SHEET 8 OF 14 SHEETS STA. 171+00 TO STA. 176+00

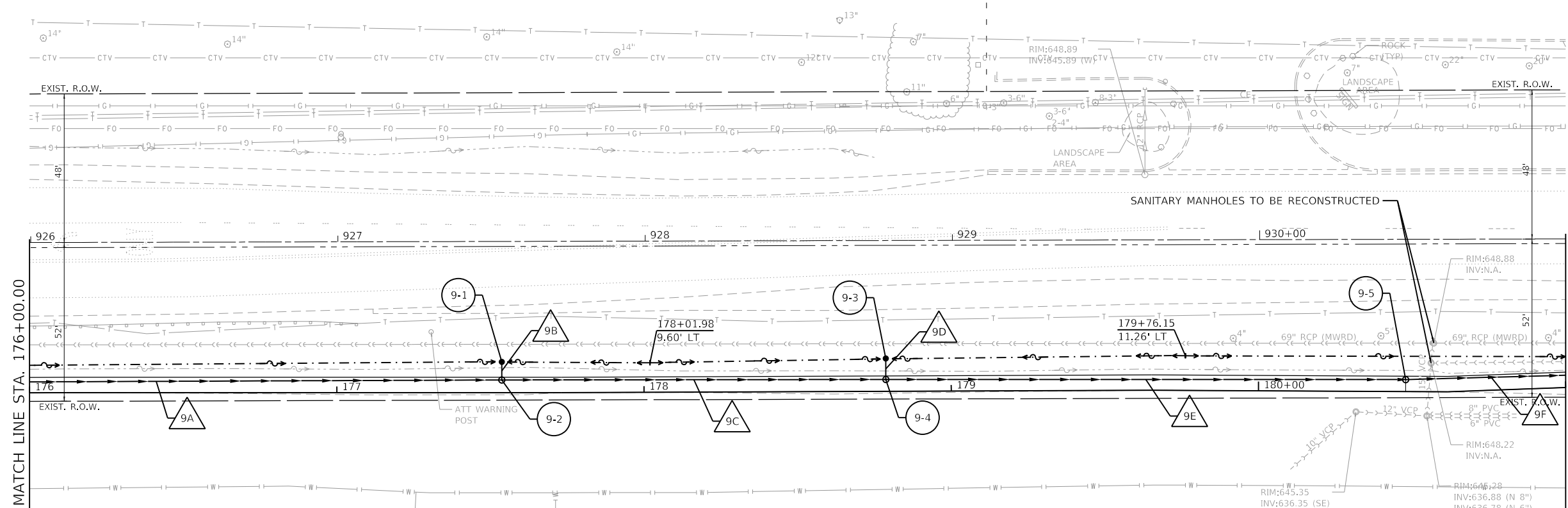
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	62
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	

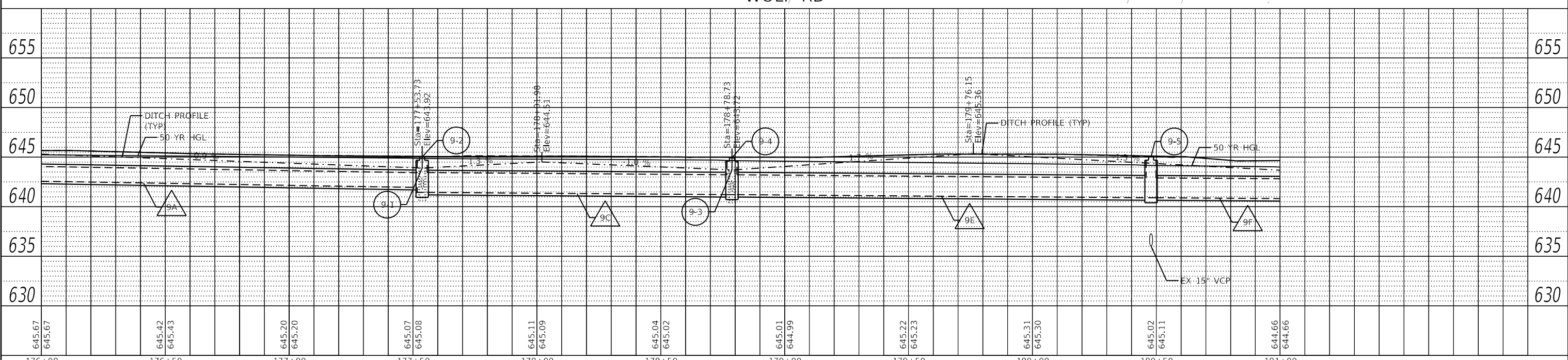
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shd-drain 9.dgn



DRAINAGE STRUCTURE SCHEDULE									
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS		
							OUT FLOW	IN FLOW	
9-1	CB TC T8G	N/A	177+53.73	9.99'	LT	643.92	641.89	E	
9-2	MAN TA 4 DIA T1F CL	YES	177+53.73	4.13'	LT	645.01	641.44	N	641.79 W 641.94 S
9-3	CB TC T8G	N/A	178+78.73	10.69'	LT	643.72	641.64	E	
9-4	MAN TA 4 DIA T1F CL	YES	178+78.73	3.85'	LT	644.94	641.22	N	641.22 S 641.54 W
9-5	MAN TA 4 DIA T1F CL	YES	180+47.90	3.88'	LT	645.03	640.91	N	640.91 S

STORM SEWER SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)
9A	8-6	9-2	225	18	STORM SEW CL A 1 18	0.40%	642.85	641.94	31.4
9B	9-1	9-2	6	12	STORM SEW CL A 1 12	1.67%	641.89	641.79	0.3
9C	9-2	9-4	125	24	STORM SEW CL A 1 24	0.18%	641.44	641.22	24.5
9D	9-3	9-4	7	12	STORM SEW CL A 1 12	1.43%	641.64	641.54	0.5
9E	9-4	9-5	169	24	STORM SEW CL A 1 24	0.18%	641.22	640.91	45.7
9F	9-5	10-2	56	24	STORM SEW CL A 1 24	0.16%	640.91	640.82	13.9

- NOTES:**
1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
 2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
 3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755-180-shd-drain 9.dgn		DRAWN - PJS	REVISED -
4755.18	PLOT SCALE = 1:40	CHECKED - MJV	REVISED -
Default	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLANS
 WOLF ROAD SIDEWALK**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	63
CONTRACT NO. 61153				

SCALE: H:1"=20' SHEET 9 OF 14 SHEETS STA. 176+00 TO STA. 181+00

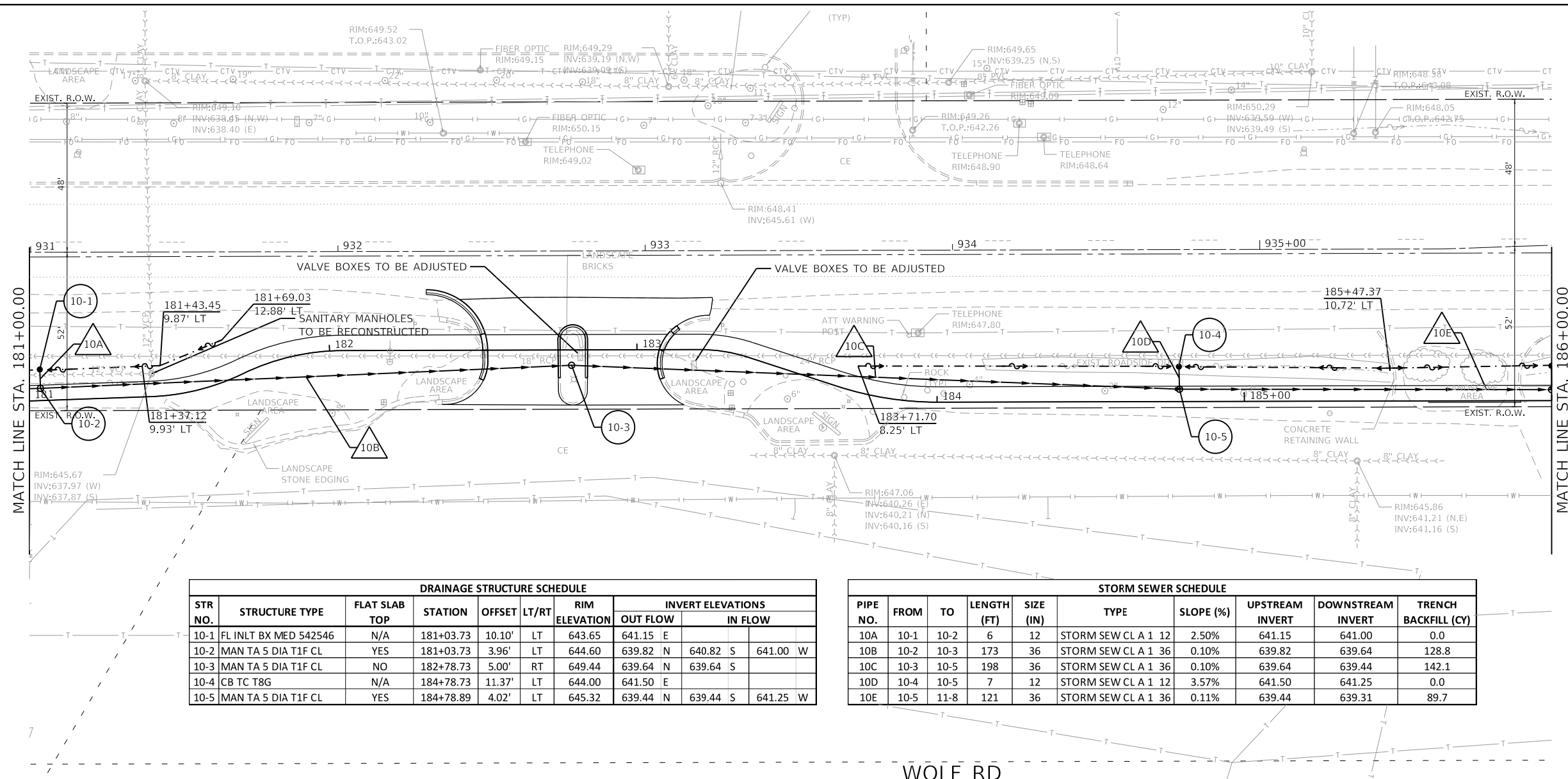
ILLINOIS FED. AID PROJECT



PLAN	SURVIVED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	NOTED	
	FILE NAME	
	NO.	

PROFILE	SURVIVED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	NOTED	
	FILE NAME	
	NO.	

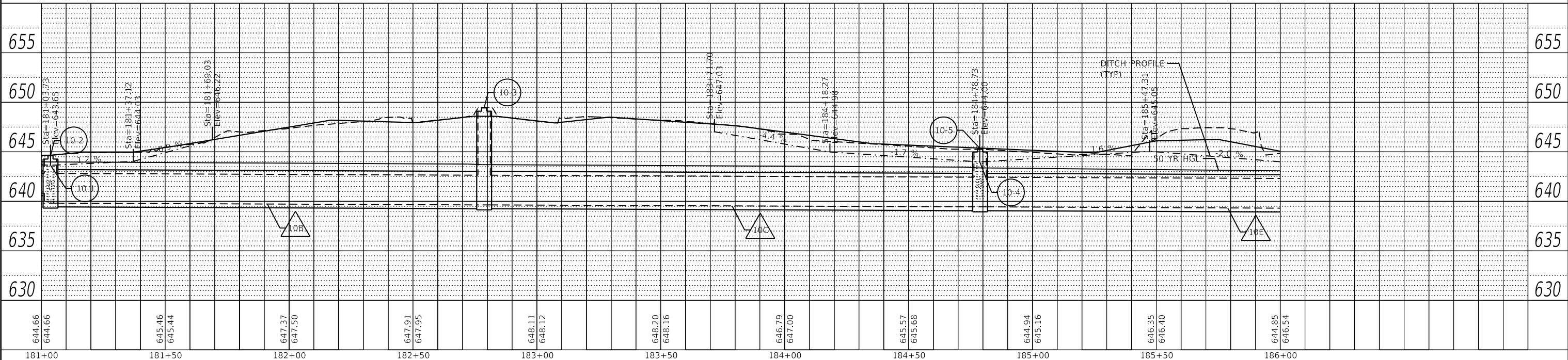
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shd-drain_10.dgn



DRAINAGE STRUCTURE SCHEDULE												
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS					
							OUT FLOW		IN FLOW			
10-1	FL INLT BX MED 542546	N/A	181+03.73	10.10'	LT	643.65	641.15	E	640.82	S	641.00	W
10-2	MAN TA 5 DIA T1F CL	YES	181+03.73	3.96'	LT	644.60	639.82	N	639.64	S		
10-3	MAN TA 5 DIA T1F CL	NO	182+78.73	5.00'	RT	649.44	639.64	N	639.64	S		
10-4	CB TC T8G	N/A	184+78.73	11.37'	LT	644.00	641.50	E				
10-5	MAN TA 5 DIA T1F CL	YES	184+78.89	4.02'	LT	645.32	639.44	N	639.44	S	641.25	W

STORM SEWER SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)
10A	10-1	10-2	6	12	STORM SEW CL A 1 12	2.50%	641.15	641.00	0.0
10B	10-2	10-3	173	36	STORM SEW CL A 1 36	0.10%	639.82	639.64	128.8
10C	10-3	10-5	198	36	STORM SEW CL A 1 36	0.10%	639.64	639.44	142.1
10D	10-4	10-5	7	12	STORM SEW CL A 1 12	3.57%	641.50	641.25	0.0
10E	10-5	11-8	121	36	STORM SEW CL A 1 36	0.11%	639.44	639.31	89.7

- NOTES:
1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
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 3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.



FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-shd-drain_10.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
Default		DATE - 12/4/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLANS
WOLF ROAD SIDEWALK
 SCALE: H:1"=20' SHEET 10 OF 14 SHEETS STA. 181+00 TO STA. 186+00

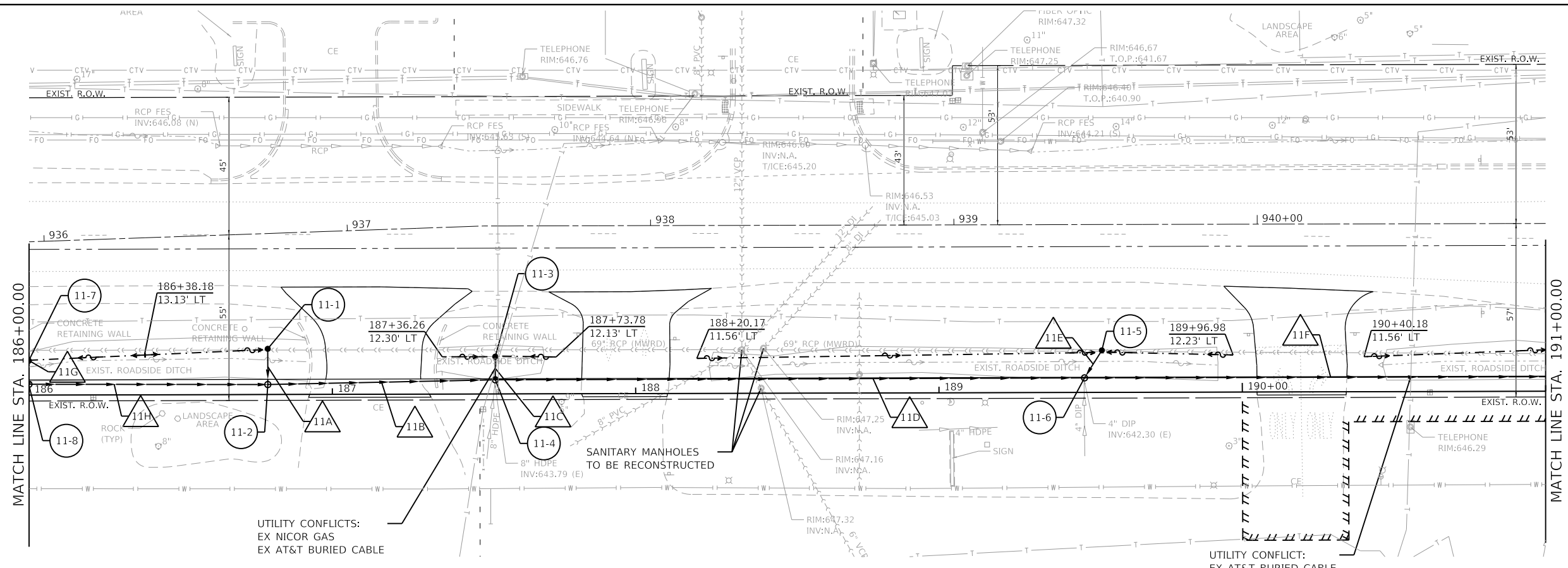
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	64
CONTRACT NO. 61J53				
ILLINOIS		FED. AID PROJECT		



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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	FILE NAME	
	BY	

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-shd-drain 11.dgn



UTILITY CONFLICTS:
 EX NICOR GAS
 EX AT&T BURIED CABLE

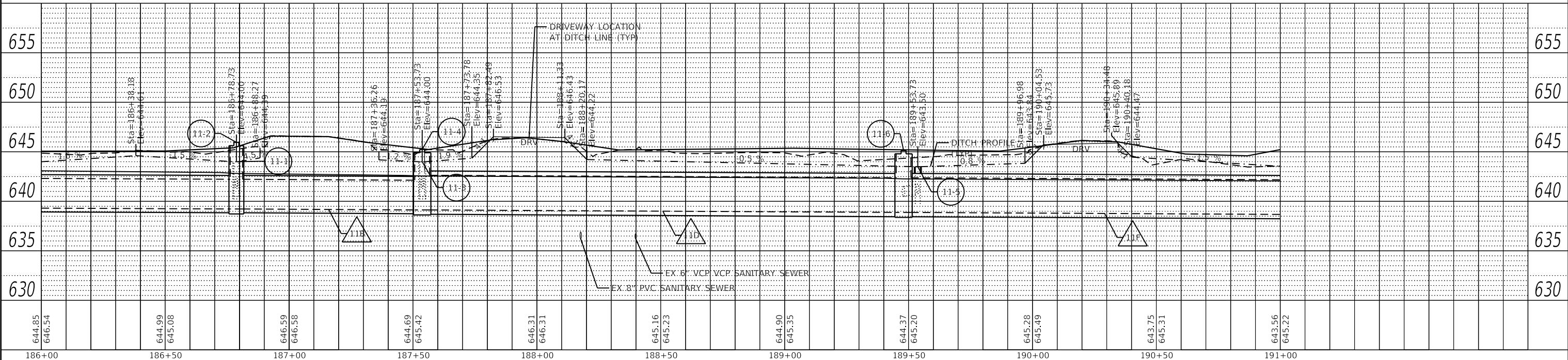
UTILITY CONFLICT:
 EX AT&T BURIED CABLE

DRAINAGE STRUCTURE SCHEDULE										
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS			
							OUT FLOW	IN FLOW		
11-1	FL INLT BX MED 542546	N/A	186+78.73	15.07'	LT	644.00	641.50	E		
11-2	MAN TA 5 DIA T1F CL	YES	186+78.73	3.28'	LT	645.96	639.23	N	639.23	S
11-3	CB TC T8G	N/A	187+53.73	12.31'	LT	644.00	641.50	E		
11-4	MAN TA 6 DIA T1F CL	YES	187+53.73	4.66'	LT	645.24	639.13	N	639.13	S
11-5	CB TC T8G	N/A	189+53.73	13.86'	LT	643.50	640.75	SE		
11-6	MAN TA 6 DIA T1F CL	YES	189+47.99	4.80'	LT	645.13	638.88	N	638.88	S
11-7	CB TC T8G	N/A	186+00.00	11.50'	LT	644.00	641.50	E		
11-8	MAN TA 6 DIA T1F CL	YES	186+00.00	3.57'	LT	644.99	639.31	N	639.31	S

STORM SEWER SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)
11A	11-1	11-2	12	12	STORM SEW CL A 1 12	2.08%	641.50	641.25	0.0
11B	11-2	11-4	75	36	STORM SEW CL A 1 36	0.13%	639.23	639.13	74.0
11C	11-3	11-4	8	12	STORM SEW CL A 1 12	3.13%	641.50	641.25	0.0
11D	11-4	11-6	194	42	STORM SEW CL A 1 42	0.13%	639.13	638.88	143.9
11E	11-5	11-6	11	12	STORM SEW CL A 1 12	2.27%	640.75	640.50	0.0
11F	11-6	12-2	162	42	STORM SEW CL A 1 42	0.13%	638.88	638.67	123.4
11G	11-7	11-8	8	12	STORM SEW CL A 1 12	2.08%	641.50	641.25	0.0
11H	11-8	11-2	79	36	STORM SEW CL A 1 36	0.10%	639.31	639.23	58.6

- NOTES:
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 - NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
 - ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

WOLF RD



FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-shd-drain 11.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
Default		DATE - 12/4/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLANS			
WOLF ROAD SIDEWALK			
SCALE: H:1"=20'	SHEET 11 OF 14 SHEETS	STA. 186+00 TO STA. 191+00	

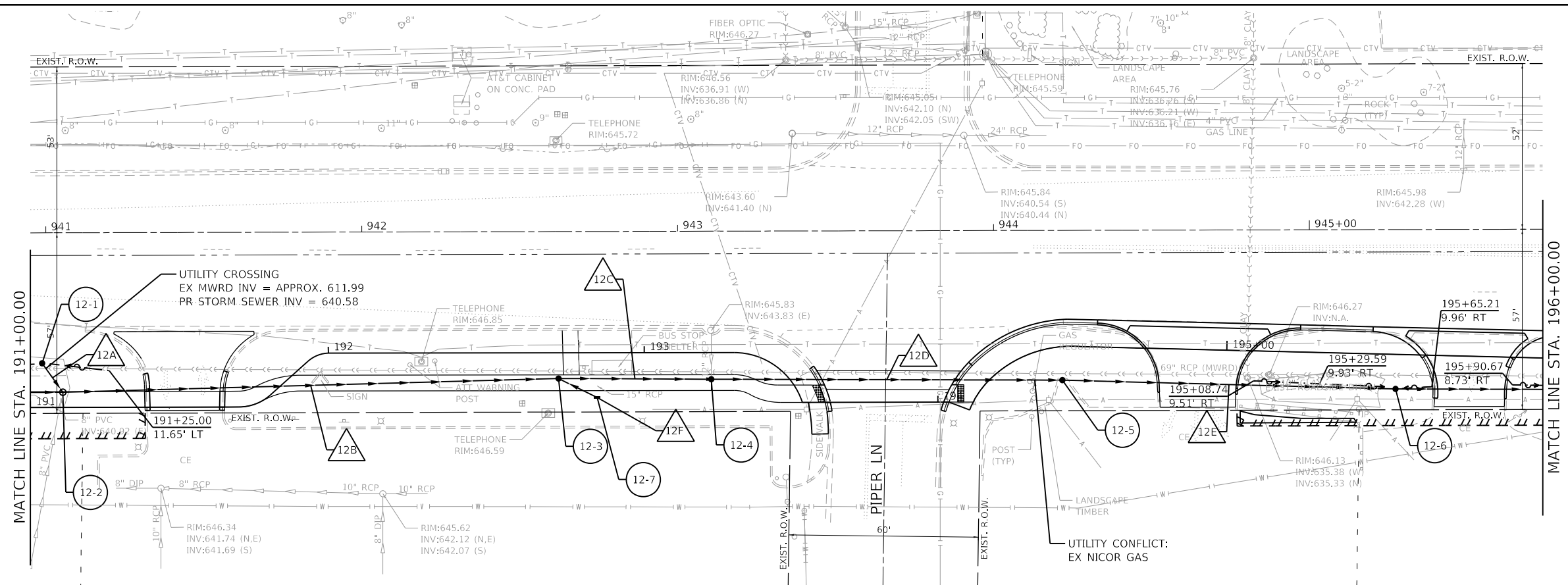
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	65
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
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	NO.	

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
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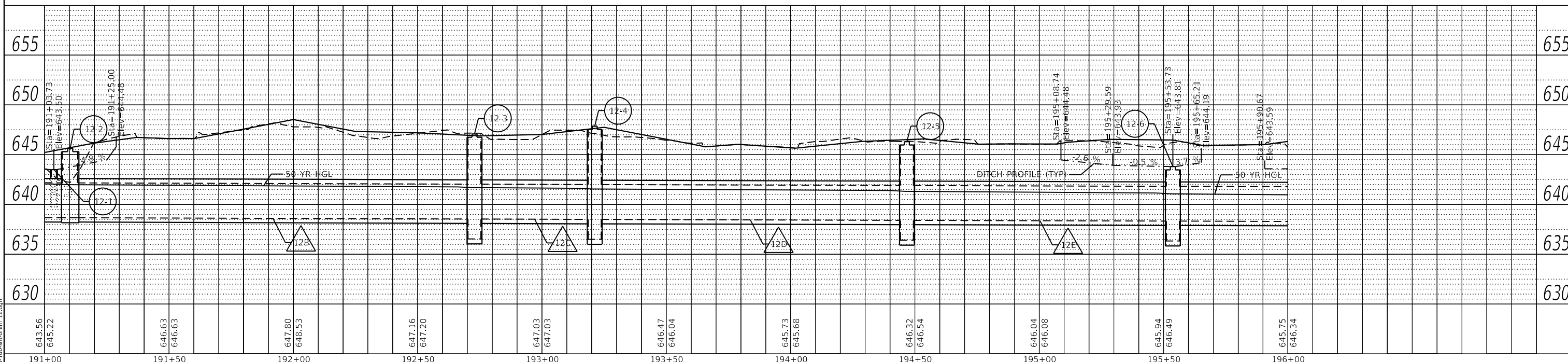


DRAINAGE STRUCTURE SCHEDULE									
STR NO.	STRUCTURE TYPE	FLAT SLAB TOP	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT ELEVATIONS		
							OUT FLOW	IN FLOW	
12-1	CB TC T8G	N/A	191+03.73	14.02'	LT	643.50	641.00	NE	
12-2	MAN TA 6 DIA T1F CL	YES	191+10.28	4.81'	LT	645.64	638.67	N	638.67 S 640.75 SW
12-3	CB TA 5 DIA T1F OL	NO	192+72.86	8.14'	RT	647.09	638.54	N	638.54 S 641.83 NE
12-4	CB TA 5 DIA T1F CL	NO	193+21.23	8.45'	RT	646.89	638.50	N	638.50 S
12-5	CB TA 5 DIA T1F CL	NO	194+46.79	10.59'	RT	647.95	638.41	N	638.41 S
12-6	CB TA 5 DIA T8G	YES	195+53.73	10.96'	RT	643.81	638.33	N	638.33 S
12-7	INLETS TB T8G	N/A	192+85.06	4.18'	RT	645.21	642.11	SW	

STORM SEWER SCHEDULE										
PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (IN)	TYPE	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TRENCH BACKFILL (CY)	
12A	12-1	12-2	11	12	STORM SEW CL A 1 12	21.18%	641.00	638.67	0.0	
12B	12-2	12-3	157	42	STORM SEW CL A 1 42	0.08%	638.67	638.54	73.2	
12C	12-3	12-4	48	42	STORM SEW CL A 1 42	0.08%	638.54	638.50	30.8	
12D	12-4	12-5	111	42	STORM SEW CL A 1 42	0.08%	638.50	638.41	86.1	
12E	12-5	12-6	106	42	STORM SEW CL A 1 42	0.08%	638.41	638.33	32.5	
12F	12-7	12-3	14	12	STORM SEW CL A 1 12	2.00%	642.11	641.83	3.9	

- NOTES:
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WOLF RD



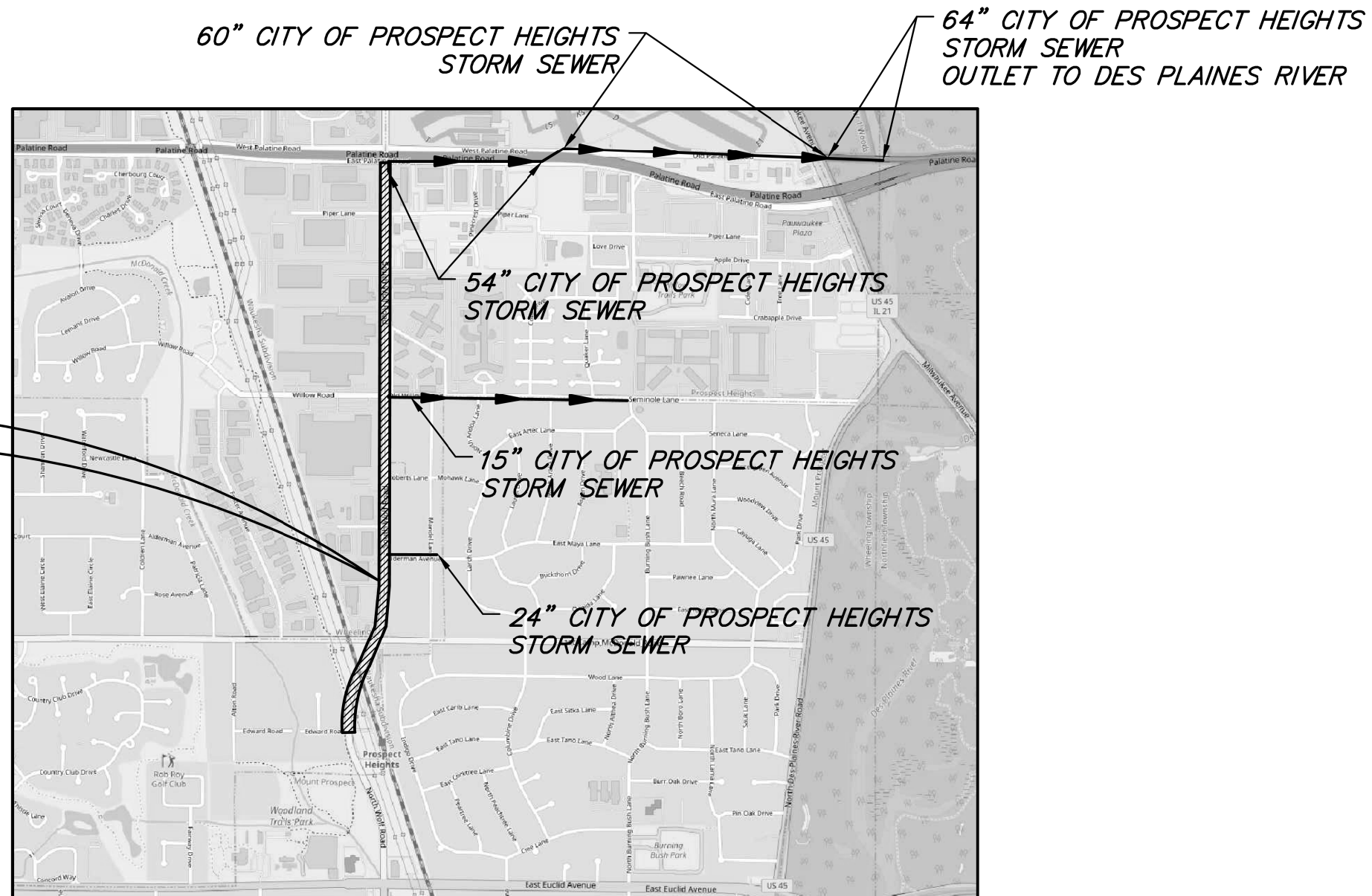
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Default	PLOT DATE = 11/9/2023	CHECKED - MJV	REVISED -
		DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS			
WOLF ROAD SIDEWALK			
SCALE: H:1"=20'	SHEET 12 OF 14 SHEETS	STA. 191+00 TO STA. 196+00	

F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 66
CONTRACT NO. 61153			ILLINOIS FED. AID PROJECT	

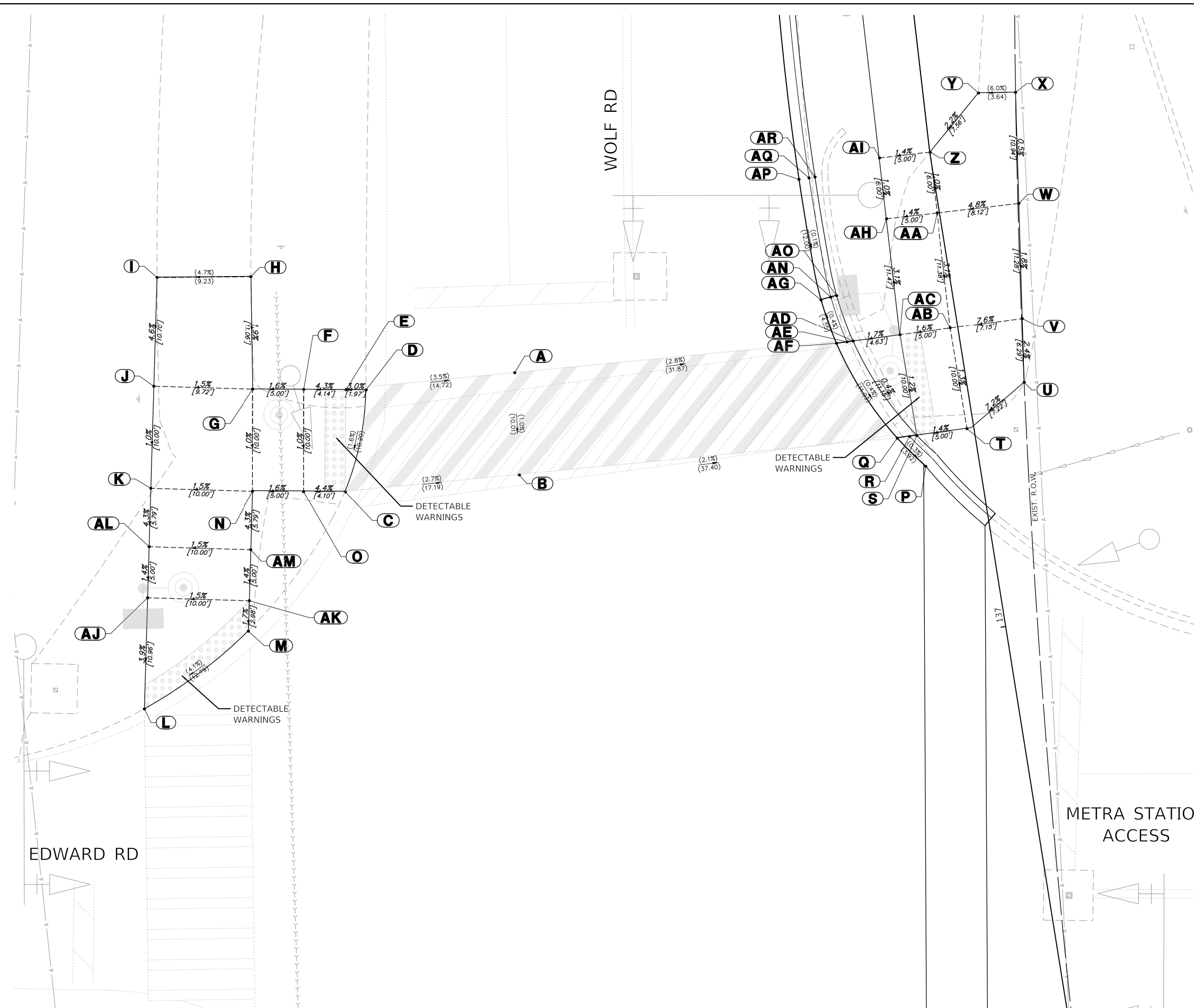
PROJECT LOCATION
 WOLF ROAD
 CITY OF PROSPECT HEIGHTS, ILLINOIS



LOCATION & SEWER ROUTING MAP
 (Not to Scale)

FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
4755-180-sht-drain_detail.dgn		DRAWN - MJV	REVISED -
4755.18		CHECKED - MJV	REVISED -
Default	PLOT DATE = 5/25/2023	DATE - 5/24/2023	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	68
CONTRACT NO. 61153			ILLINOIS FED. AID PROJECT	



ADA GRADING TABLE				ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	137+32.3	43.7' L	(646.55)	AA	137+41.2	0.3' L	646.14
B	137+22.3	44.9' L	(646.45)	AB	137+29.8	0.8' L	645.79
C	137+23.4	62.0' L	(646.91)	AC	137+30	5.8' L	645.71
D	137+32.9	58.4' L	(647.07)	AD	137+30.1	10.4' L	645.63
E	137+33.3	60.4' L	647.01	AE	137+30.1	11.0' L	645.59
F	137+33.9	64.5' L	646.83	AF	137+30.1	12.0' L	(645.64)
G	137+34.8	69.4' L	646.75	AG	137+34.6	12.8' L	(645.62)
H	137+45.7	67.8' L	(646.54)	AH	137+41.4	5.3' L	646.07
I	137+47.1	76.9' L	(646.11)	AI	137+47.2	5.0' L	646.13
J	137+36.6	78.9' L	646.65	AJ	137+16.2	82.8' L	646.18
K	137+26.8	80.8' L	646.50	AK	137+14.3	73.0' L	646.33
L	137+05.4	84.9' L	(645.75)	AL	137+21.1	81.9' L	646.25
M	137+11.4	73.6' L	(646.28)	AM	137+19.2	72.1' L	646.40
N	137+24.9	71.0' L	646.65	AN	137+34.7	11.9' L	645.60
O	137+24.1	66.1' L	646.73	AO	137+34.8	11.3' L	646.10
P	137+16.8	5.3' L	(645.59)	AP	137+46.6	13.1' L	(645.63)
Q	137+20	7.6' L	(645.60)	AQ	137+46.6	12.1' L	645.61
R	137+20	6.4' L	645.55	AR	137+46.6	11.5' L	646.11
S	137+20	5.7' L	645.59				
T	137+19.8	0.7' L	645.66				
U	137+23.4	5.6' R	(646.18)				
V	137+29.7	6.4' R	(646.33)				
W	137+40.9	7.8' R	(646.53)				
X	137+52.1	9.1' R	(646.59)				
Y	137+52.5	5.4' R	(646.37)				
Z	137+47.2	0.0'	646.20				

GHA GEWALT HAMILTON ASSOCIATES, INC.

FILE NAME = 4755-180-sht-ADA 1.dgn
 USER NAME = mvasak
 DESIGNED - MJV
 DRAWN - PJS
 CHECKED - MJV
 DATE - 5/24/2023

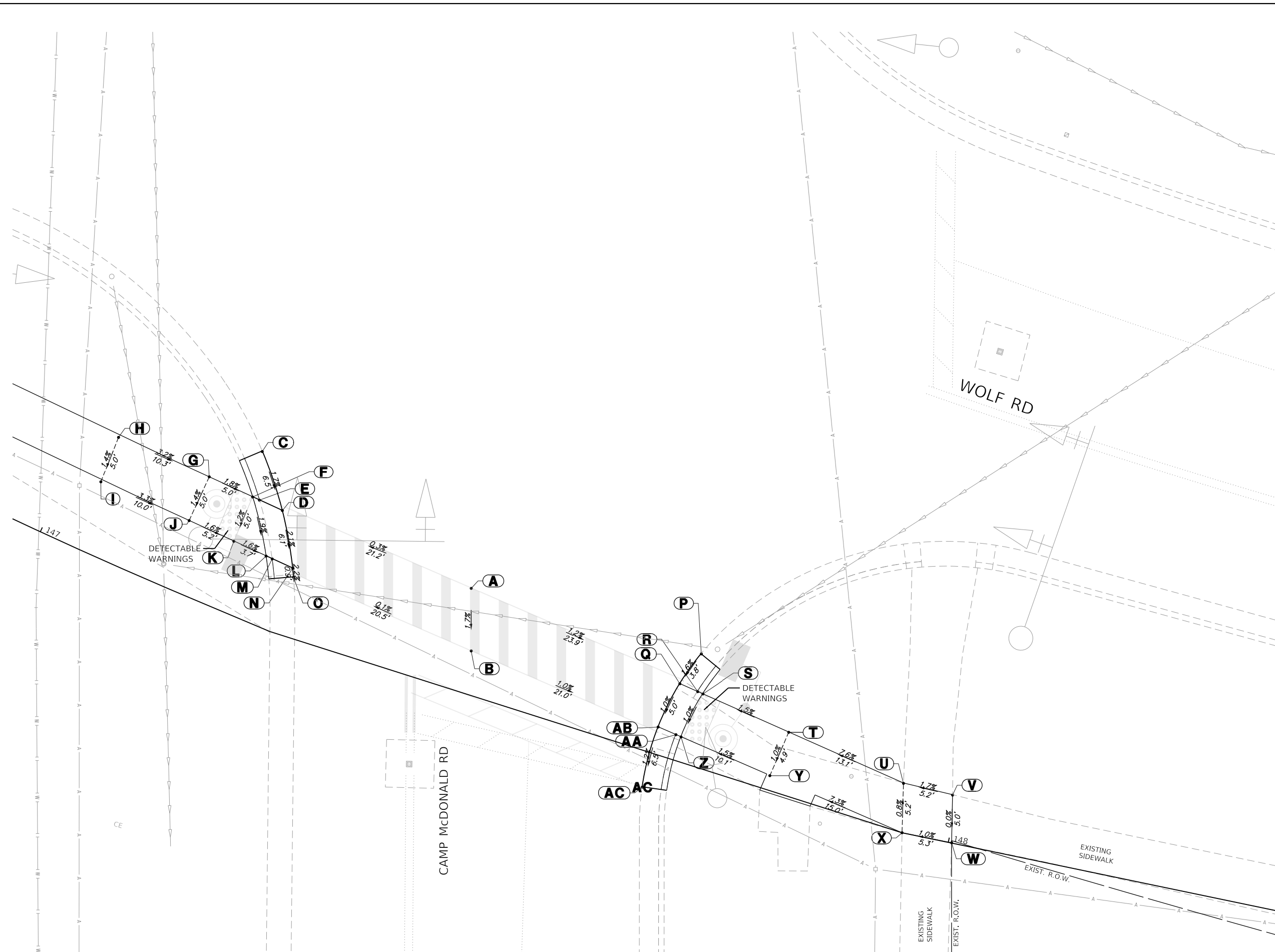
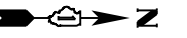
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 REVISION -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
 WOLF ROAD SIDEWALK**

SCALE: 1"=5' SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	69
			CONTRACT NO. 6153	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	147+44.6	10.7' L	(650.45)
B	147+46.6	4.4' L	(650.34)
C	147+18	17.0' L	(650.62)
D	147+22.3	12.1' L	650.51
E	147+19.7	12.2' L	650.41
F	147+18.9	12.2' L	650.45
G	147+13.9	12.4' L	650.54
H	147+03.3	12.4' L	650.87
I	147+03.6	7.4' L	650.80
J	147+13.7	7.4' L	650.47
K	147+18.9	7.2' L	650.39
L	147+22.6	7.1' L	650.33
M	147+23.3	7.1' L	650.29
N	147+25.7	7.0' L	650.38
O	147+26.7	6.2' L	(650.36)
P	147+69.5	11.4' L	(650.23)
Q	147+68.3	7.8' L	(650.17)
R	147+70.3	7.6' L	650.07
S	147+70.9	7.5' L	650.11
T	147+80.7	6.4' L	650.26
U	147+93.7	5.0' L	(651.26)
V	147+99.4	4.9' L	(651.35)
W	148+00.4	0.0' L	(651.35)
X	147+95.1	0.0'	(651.30)
Y	147+80.2	1.5' L	650.21
Z	147+70.1	2.5' L	650.06

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	147+69.5	2.6' L	650.02
AB	147+67.5	2.8' L	(650.12)
AC	147+67.9	3.6' R	(650.04)

GHA GEWALT HAMILTON ASSOCIATES, INC.
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FILE NAME = 4755-180-sht-ADA 2.dgn
 USER NAME = mvacak
 PLOT SCALE = 1:5
 PLOT DATE = 5/25/2023

DESIGNED - MJV
 DRAWN - PJS
 CHECKED - MJV
 DATE - 5/24/2023

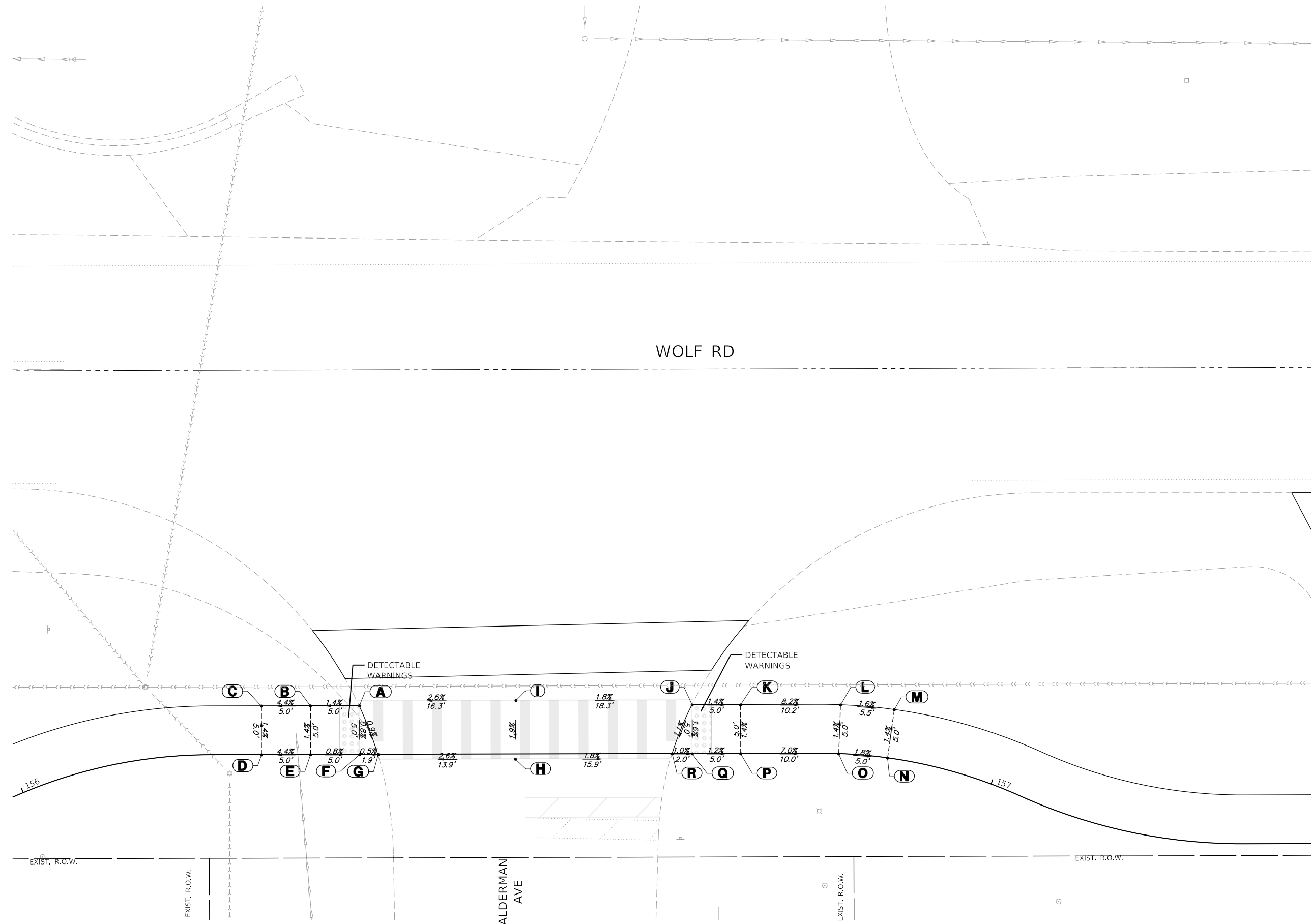
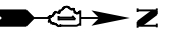
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
 WOLF ROAD SIDEWALK**

SCALE: 1"=5' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	70
CONTRACT NO.			61J53	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	156+34.9	5.0' L	(646.82)
B	156+29.9	5.0' L	646.75
C	156+24.9	5.0' L	646.53
D	156+24.9	0.0'	646.60
E	156+29.9	0.0'	646.82
F	156+34.9	0.0'	646.78
G	156+36.8	0.0'	(646.77)
H	156+50.9	0.5' R	(647.13)
I	156+51	5.5' L	(647.25)
J	156+69	5.0' L	(646.91)
K	156+74	5.0' L	646.84
L	156+84	5.0' L	646.00
M	156+89	5.0' L	645.91
N	156+89	0.0'	645.98
O	156+84	0.0'	646.07
P	156+74	0.0'	646.77
Q	156+69	0.0'	646.83
R	156+67	0.0'	(646.85)

GHA GEWALT HAMILTON ASSOCIATES, INC.
MODEL: D:\default
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 USER NAME = mvasak
 PLOT SCALE = 1:5
 PLOT DATE = 5/25/2023

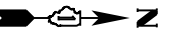
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DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 5/24/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
 WOLF ROAD SIDEWALK**

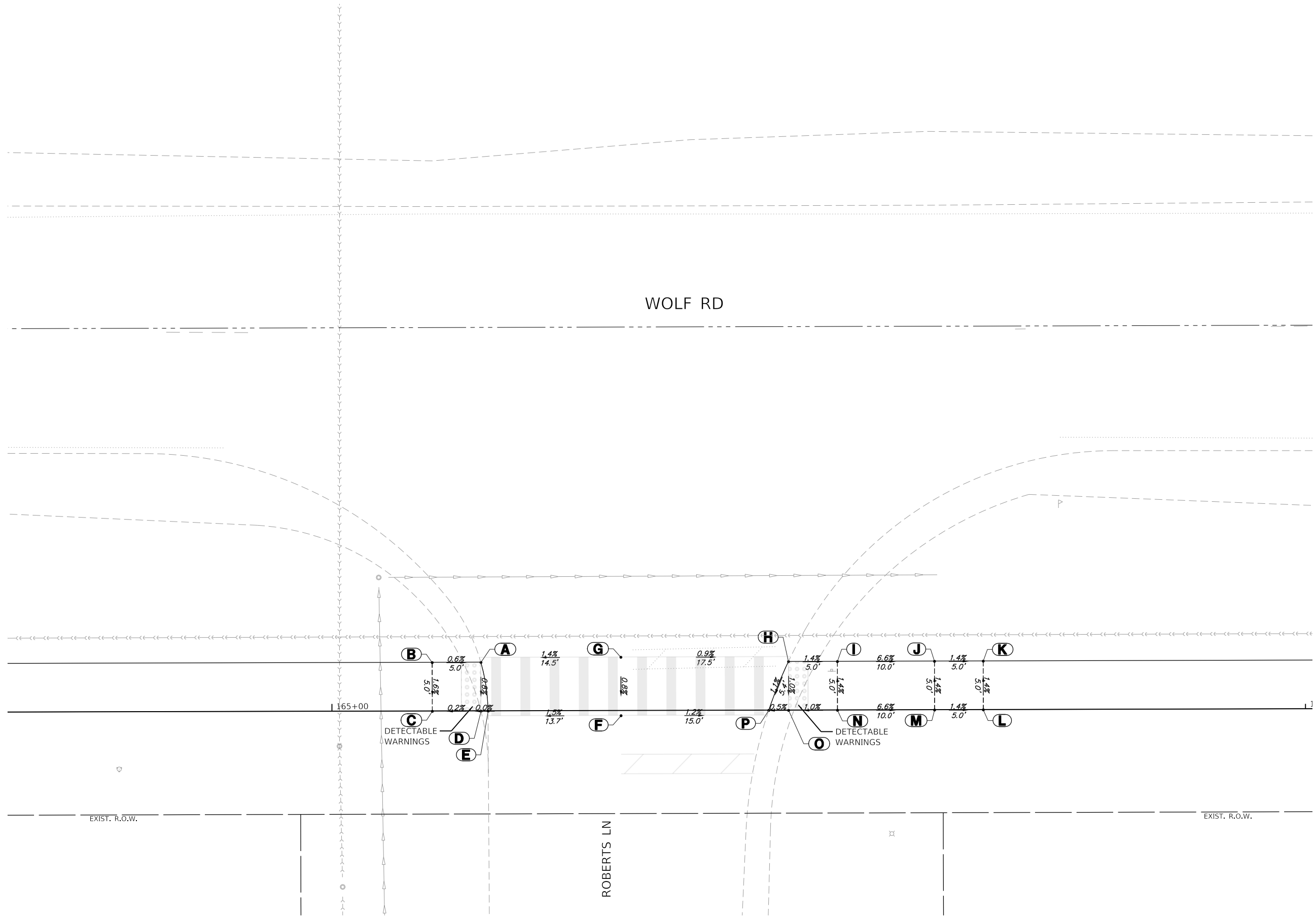
SCALE: 1"=5' SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	71
CONTRACT NO. 61153			ILLINOIS FED. AID PROJECT	



WOLF RD

ROBERTS LN



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	165+15.3	5.0' L	(648.23)
B	165+10.3	5.0' L	648.26
C	165+10.3	0.0'	648.18
D	165+15.3	0.0'	648.19
E	165+16	0.0'	(648.19)
F	165+29.7	0.5' R	(648.39)
G	165+29.7	5.5' L	(648.44)
H	165+46.9	5.0' L	(648.27)
I	165+51.9	5.0' L	648.20
J	165+61.9	5.0' L	647.54
K	165+66.9	5.0' L	647.61
L	165+66.9	0.0'	647.68
M	165+61.9	0.0'	647.61
N	165+51.9	0.0'	648.27
O	165+46.9	0.0'	648.22
P	165+44.9	0.0'	(648.21)

GHA GEWALT HAMILTON ASSOCIATES, INC.
MODEL: D:\default
 FILE NAME: 4755-180-sht-ADA.dgn

FILE NAME = 4755-180-sht-ADA 4.dgn
 USER NAME = mvasak
 PLOT SCALE = 1:5
 PLOT DATE = 5/25/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 5/24/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
 WOLF ROAD SIDEWALK**

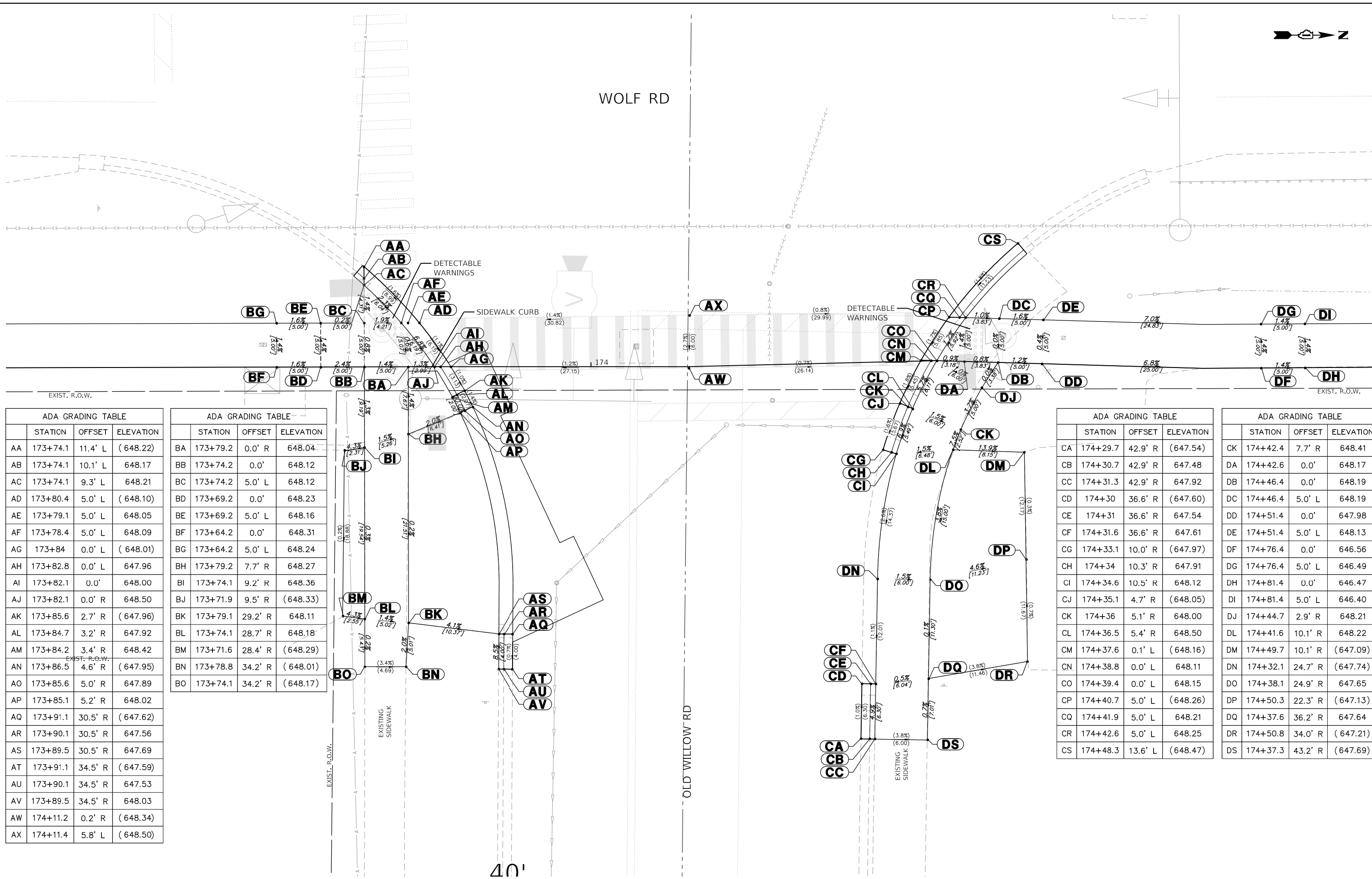
SCALE: 1"=5' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 72
CONTRACT NO. 61J53			ILLINOIS FED. AID PROJECT	



WOLF RD

OLD WILLOW RD



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	173+74.1	11.4' L	(648.22)
AB	173+74.1	10.1' L	648.17
AC	173+74.1	9.3' L	648.21
AD	173+80.4	5.0' L	(648.10)
AE	173+79.1	5.0' L	648.05
AF	173+78.4	5.0' L	648.09
AG	173+84	0.0' L	(648.01)
AH	173+82.8	0.0' L	647.96
AI	173+82.1	0.0'	648.00
AJ	173+82.1	0.0' R	648.50
AK	173+85.6	2.7' R	(647.96)
AL	173+84.7	3.2' R	647.92
AM	173+84.2	3.4' R	648.42
AN	173+86.5	4.6' R	(647.95)
AO	173+85.6	5.0' R	647.89
AP	173+85.1	5.2' R	648.02
AQ	173+91.1	30.5' R	(647.62)
AR	173+90.1	30.5' R	647.56
AS	173+89.5	30.5' R	647.69
AT	173+91.1	34.5' R	(647.59)
AU	173+90.1	34.5' R	647.53
AV	173+89.5	34.5' R	648.03
AW	174+11.2	0.2' R	(648.34)
AX	174+11.4	5.8' L	(648.50)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BA	173+79.2	0.0' R	648.04
BB	173+74.2	0.0'	648.12
BC	173+74.2	5.0' L	648.12
BD	173+69.2	0.0'	648.23
BE	173+69.2	5.0' L	648.16
BF	173+64.2	0.0'	648.31
BG	173+64.2	5.0' L	648.24
BH	173+79.2	7.7' R	648.27
BI	173+74.1	9.2' R	648.36
BJ	173+71.9	9.5' R	(648.33)
BK	173+79.1	29.2' R	648.11
BL	173+74.1	28.7' R	648.18
BM	173+71.6	28.4' R	(648.29)
BN	173+78.8	34.2' R	(648.01)
BO	173+74.1	34.2' R	(648.17)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	174+29.7	42.9' R	(647.54)
CB	174+30.7	42.9' R	647.48
CC	174+31.3	42.9' R	647.92
CD	174+30	36.6' R	(647.60)
CE	174+31	36.6' R	647.54
CF	174+31.6	36.6' R	647.61
CG	174+33.1	10.0' R	(647.97)
CH	174+34	10.3' R	647.91
CI	174+34.6	10.5' R	648.12
CJ	174+35.1	4.7' R	(648.05)
CK	174+36	5.1' R	648.00
CL	174+36.5	5.4' R	648.50
CM	174+37.6	0.1' L	(648.16)
CN	174+38.8	0.0' L	648.11
CO	174+39.4	0.0' L	648.15
CP	174+40.7	5.0' L	(648.26)
CQ	174+41.9	5.0' L	648.21
CR	174+42.6	5.0' L	648.25
CS	174+48.3	13.6' L	(648.47)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CK	174+42.4	7.7' R	648.41
DA	174+42.6	0.0'	648.17
DB	174+46.4	0.0'	648.19
DC	174+46.4	5.0' L	648.19
DD	174+51.4	0.0'	647.98
DE	174+51.4	5.0' L	648.13
DF	174+76.4	0.0'	646.56
DG	174+76.4	5.0' L	646.49
DH	174+81.4	0.0'	646.47
DI	174+81.4	5.0' L	646.40
DJ	174+44.7	2.9' R	648.21
DL	174+41.6	10.1' R	648.22
DM	174+49.7	10.1' R	(647.09)
DN	174+32.1	24.7' R	(647.74)
DO	174+38.1	24.9' R	647.65
DP	174+50.3	22.3' R	(647.13)
DQ	174+37.6	36.2' R	647.64
DR	174+50.8	34.0' R	(647.21)
DS	174+37.3	43.2' R	(647.69)

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 4755-180-sht-ADA 5.dgn

FILE NAME = 4755-180-sht-ADA 5.dgn
 USER NAME = mvasak
 PLOT SCALE = 1:5
 PLOT DATE = 5/25/2023

DESIGNED - MIV
 DRAWN - PJS
 CHECKED - MIV
 DATE - 5/24/2023

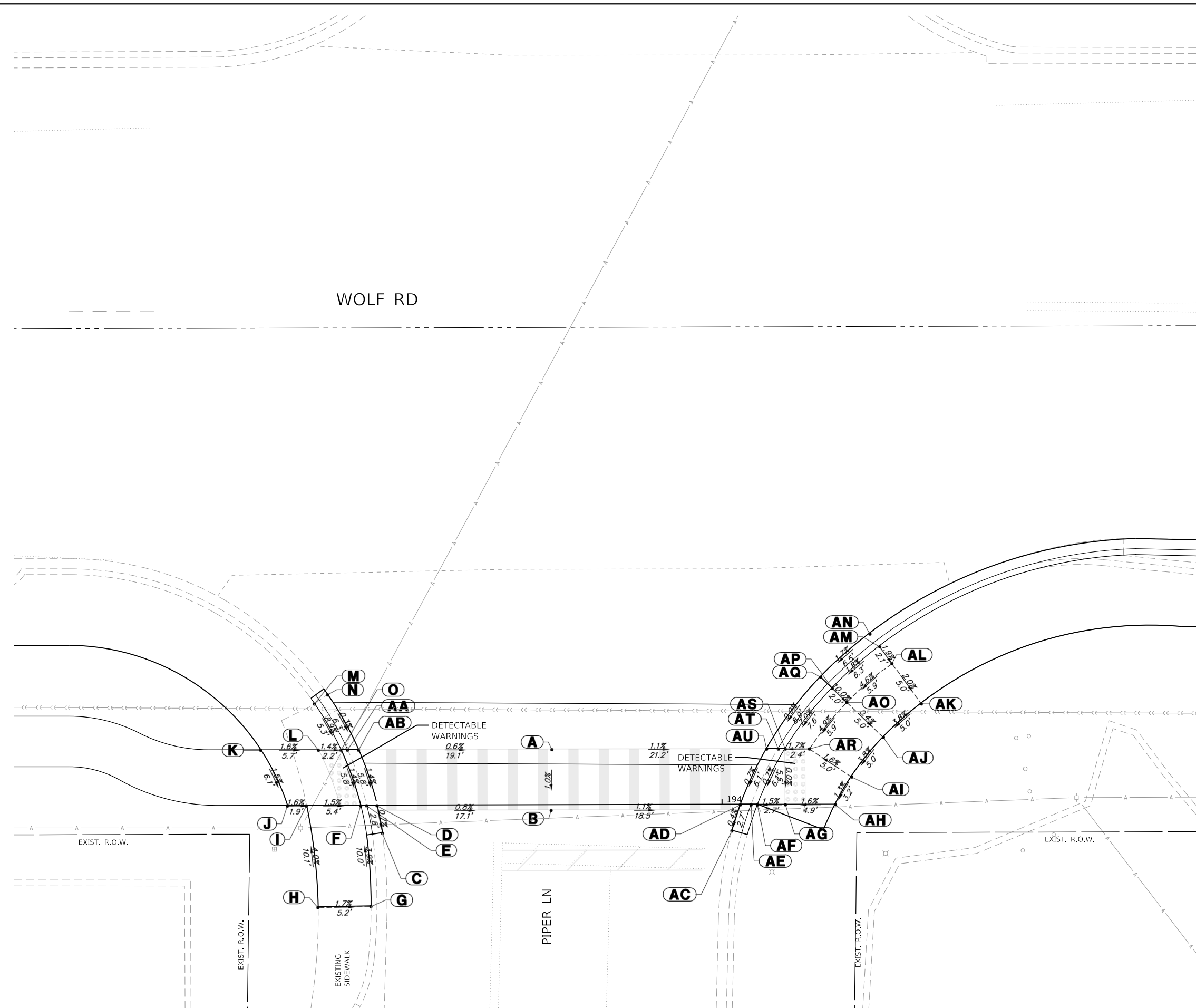
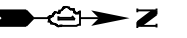
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
 WOLF ROAD SIDEWALK**

SCALE: 1"=5' SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	73
CONTRACT NO.			6153	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	193+83.2	5.5' L	(646.02)
B	193+83.1	0.5' R	(645.96)
C	193+66.4	2.7' R	(645.80)
D	193+65.9	0.0'	(645.82)
E	193+64.9	0.0'	645.77
F	193+64.3	0.0'	645.81
G	193+65.3	10.0' R	(646.20)
H	193+60.1	10.0' R	(646.29)
I	193+58.9	0.0'	645.89
J	193+57.1	0.0'	645.92
K	193+50.9	0.0'	646.01
L	193+53.5	5.0' L	645.92
M	193+50.2	7.0' L	646.36
N	193+50.2	8.5' L	645.92

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	193+63	5.5' L	645.85
AB	193+64.1	5.5' L	645.90
AC	194+01	2.6' R	(645.74)
AD	194+01.8	0.0'	645.75
AE	194+02.9	0.0' L	645.70
AF	194+03.5	0.0'	645.74
AG	194+06	1.0' L	645.78
AH	194+13.3	0.0'	645.86
AI	194+16.4	0.0'	645.90
AJ	194+21.5	0.0'	646.09
AK	194+26.5	0.0'	646.28
AL	194+26.6	4.9' L	646.38
AM	194+26.7	7.0' L	(646.42)
AN	194+26.7	8.6' L	(645.98)
AO	194+21.4	5.0' L	646.11
AP	194+21.4	7.0' L	646.31
AQ	194+21.4	8.6' L	645.87
AR	194+16.4	5.0' L	645.82
AS	194+04.1	6.1' L	645.78
AT	194+03.5	5.9' L	645.74
AU	194+03.5	5.6' L	645.79

GHA GEWALT HAMILTON ASSOCIATES, INC.
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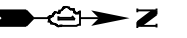
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Default	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
WOLF ROAD SIDEWALK

SCALE: 1"=5' SHEET 6 OF 7 SHEETS STA. TO STA.

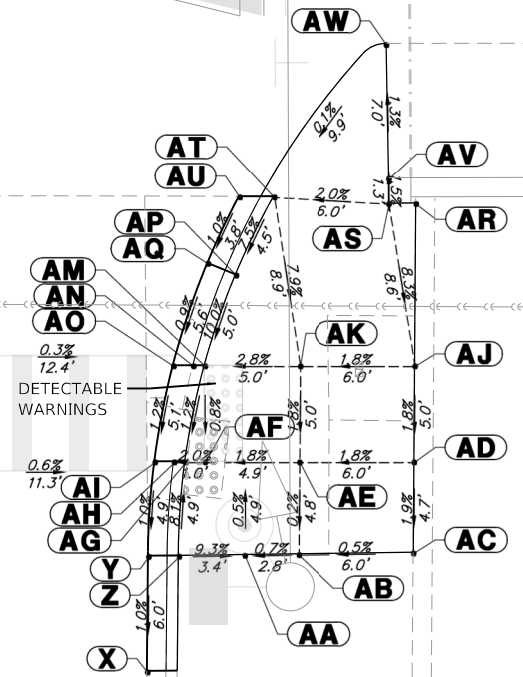
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	74
CONTRACT NO.			61153	
ILLINOIS FED. AID PROJECT				



WOLF RD

EXISTING SIDEWALK

PALATINE FRONTAGE RD



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	199+43.6	39.9' L	(646.64)
B	199+46.7	36.8' L	(646.60)
C	199+33.3	8.6' L	(646.56)
D	199+31	8.6' L	(646.60)
E	199+31	7.6' L	646.55
F	199+31	7.0' L	646.59
G	199+23.7	0.0'	646.75
H	199+20.4	0.0'	646.80
I	199+15.3	0.0'	647.10
J	199+10.3	0.0'	647.40
K	199+05.3	0.0'	647.47
L	199+05.3	5.0' L	647.41
M	199+05.3	7.0' L	647.38
N	199+10.3	5.0' L	647.37
O	199+10.4	7.0' L	647.33
P	199+15.4	5.0' L	647.08
Q	199+15.4	7.0' L	647.27
R	199+15.4	8.6' L	(646.83)
S	199+20.4	5.0' L	646.77
T	199+20.4	7.0' L	646.90
U	199+22.8	7.0' L	646.72
V	199+22.8	7.6' L	646.68
W	199+22.8	8.6' L	(646.73)
X	199+55.2	42.2' L	(646.43)
Y	199+52	44.6' L	(646.49)
Z	199+52.4	46.1' L	646.93

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	199+53.1	49.2' L	646.61
AB	199+53.7	51.8' L	646.63
AC	199+54.8	57.4' L	646.66
AD	199+52.6	59.3' L	646.75
AE	199+51.3	53.8' L	646.64
AF	199+50.2	49.4' L	646.55
AG	199+50	48.5' L	646.53
AH	199+49.8	47.9' L	646.49
AI	199+49.6	47.0' L	646.54
AJ	199+50.4	61.4' L	646.84
AK	199+49	56.0' L	646.73
AM	199+47.8	51.6' L	646.59
AN	199+47.6	51.1' L	646.55
AO	199+47.4	50.2' L	646.60
AP	199+46	55.4' L	647.09
AQ	199+45.4	54.4' L	646.65
AR	199+46.7	65.4' L	647.55
AS	199+46.4	64.1' L	647.55
AT	199+44.8	59.2' L	647.43
AU	199+44.3	57.6' L	(646.69)
AV	199+45.9	64.8' L	(647.53)
AW	199+43	68.3' L	(647.44)



FILE NAME = 4755-180-sht-ADA 7.dgn
 USER NAME = mvasak
 DESIGNED - MJV
 DRAWN - PJS
 CHECKED - MJV
 DATE - 11/9/2023

DESIGNED - MJV
 DRAWN - PJS
 CHECKED - MJV
 DATE - 11/9/2023

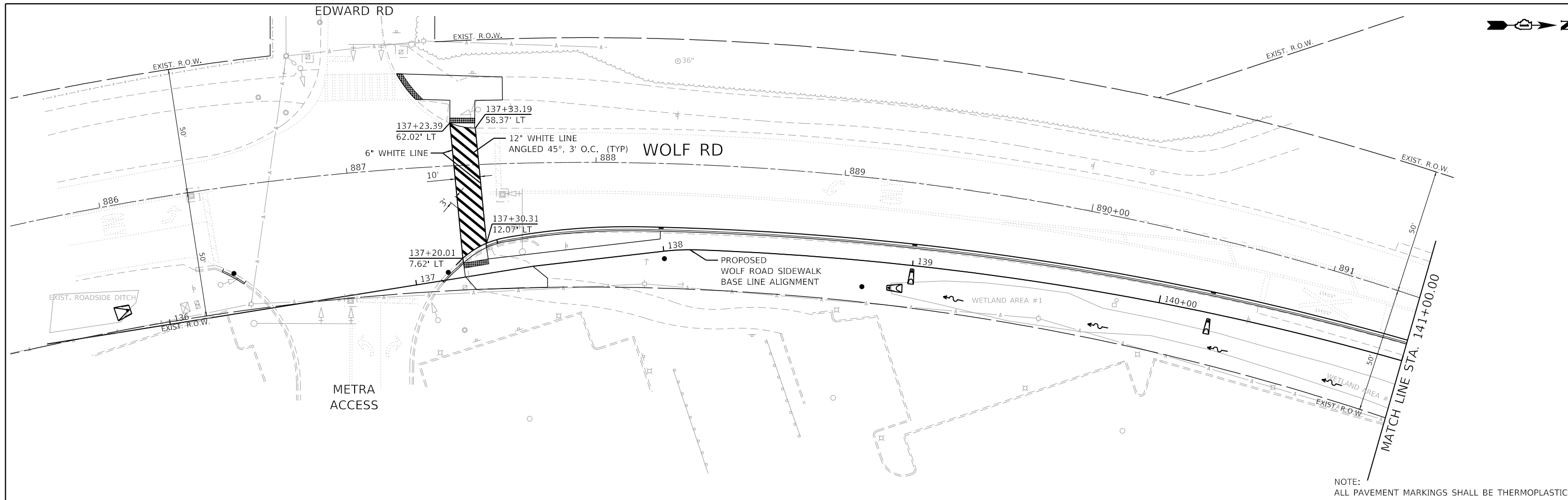
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 REVISION -
 REVISOR -
 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

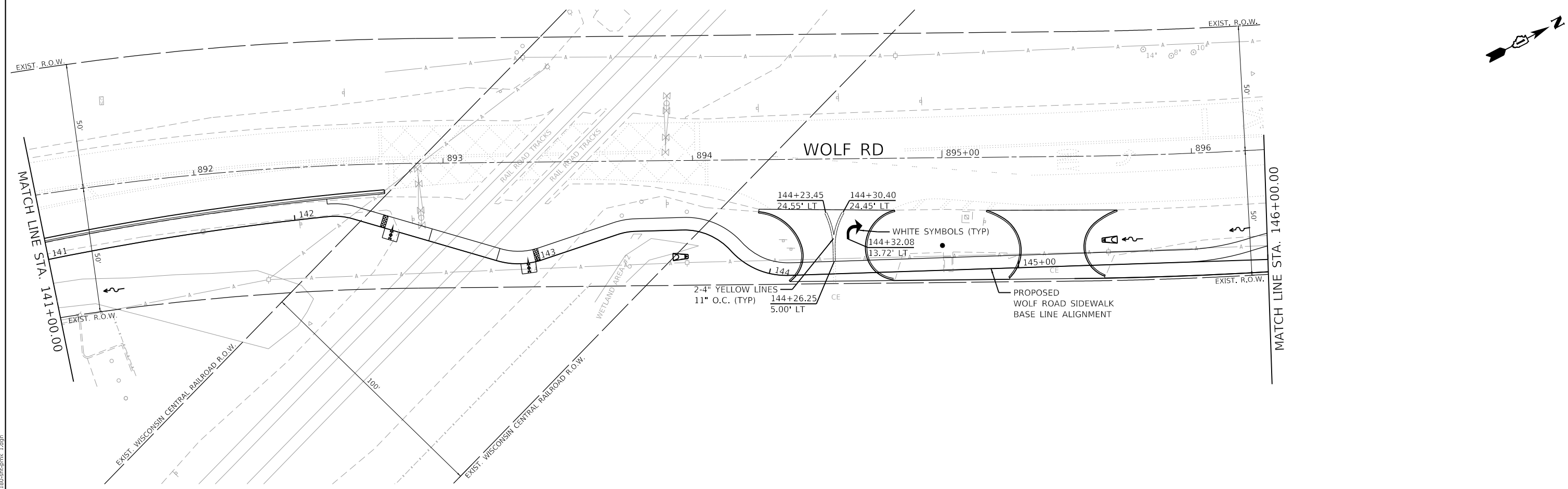
ADA GRADING DETAILS
 WOLF ROAD SIDEWALK

SCALE: 1"=5' SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	75
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC



GHA GEWALT HAMILTON ASSOCIATES, INC.

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FILE NAME = 4755-180-sht-pmk 1.dgn
PLOT SCALE = 1:40
PLOT DATE = 11/9/2023

USER NAME = mvasak
PLOT SCALE = 1:40
PLOT DATE = 11/9/2023

DESIGNED - MJV
DRAWN - PJS
CHECKED - MJV
DATE - 11/9/2023

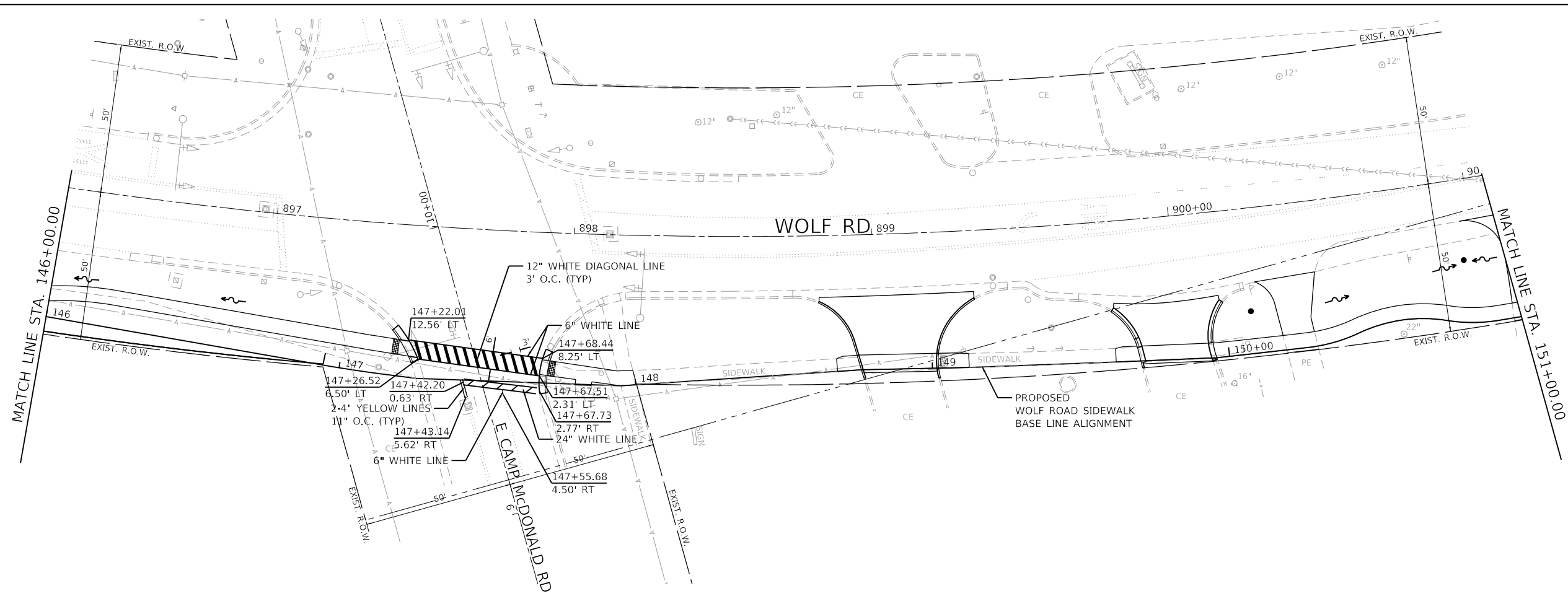
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

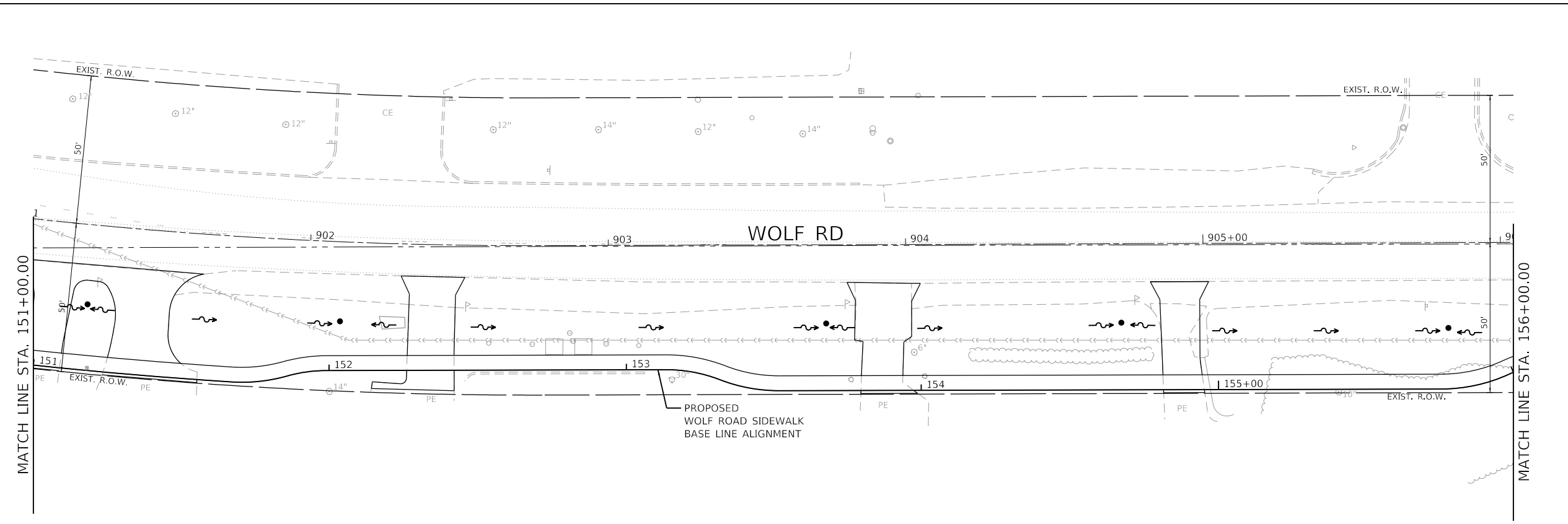
**PAVEMENT MARKING PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 135+50 TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	76
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC



GHA GEWALT HAMILTON ASSOCIATES, INC.
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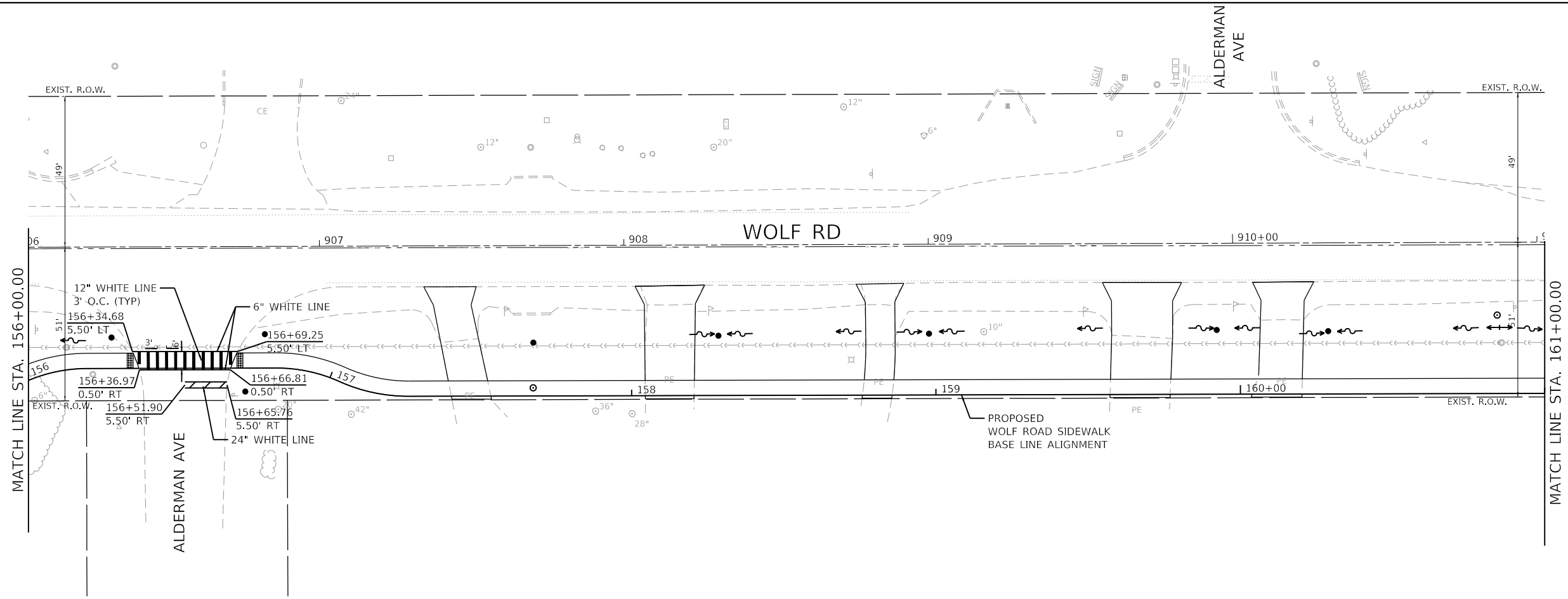
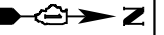
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

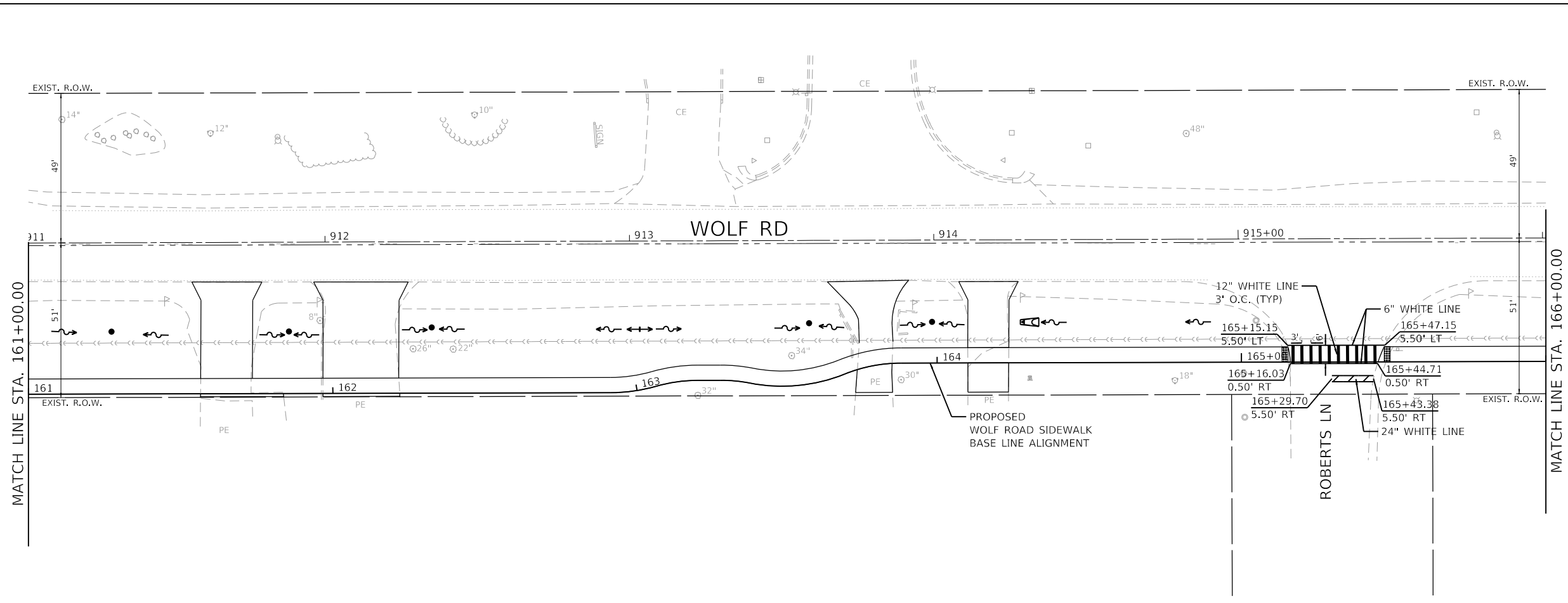
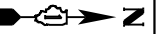
**PAVEMENT MARKING PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 146+00 TO STA. 156+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	77
				CONTRACT NO. 61153
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC



MODEL: Default
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USER NAME =	mvasak
DESIGNED -	MJV
DRAWN -	PJS
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DATE -	11/9/2023

REVISOR	DATE	REVISION

DESIGNED -	MJV
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DATE -	11/9/2023

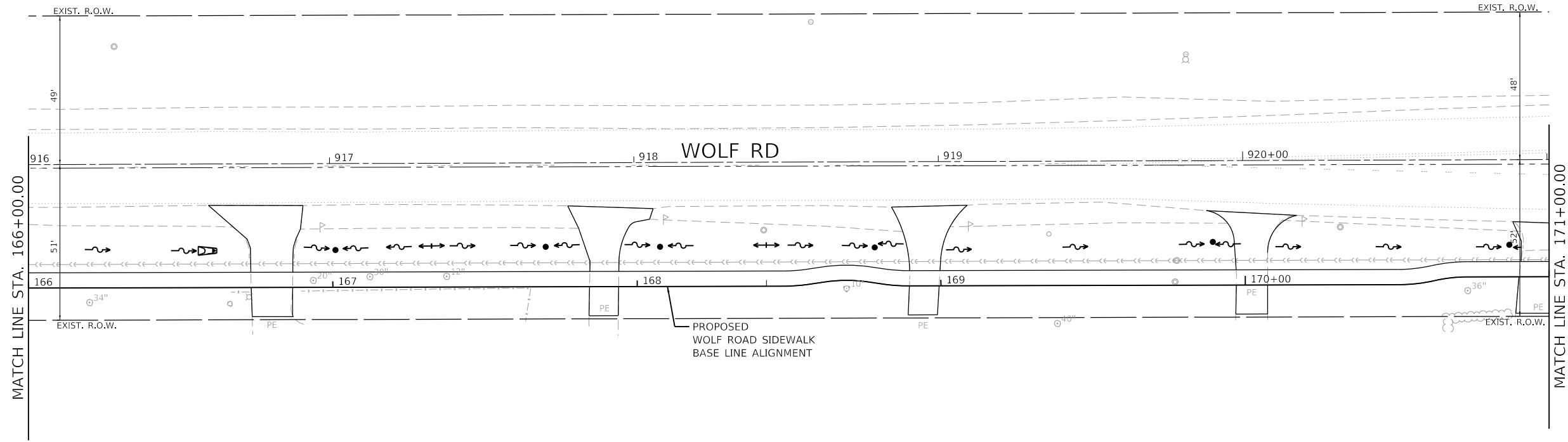
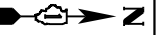
REVISOR	DATE	REVISION

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

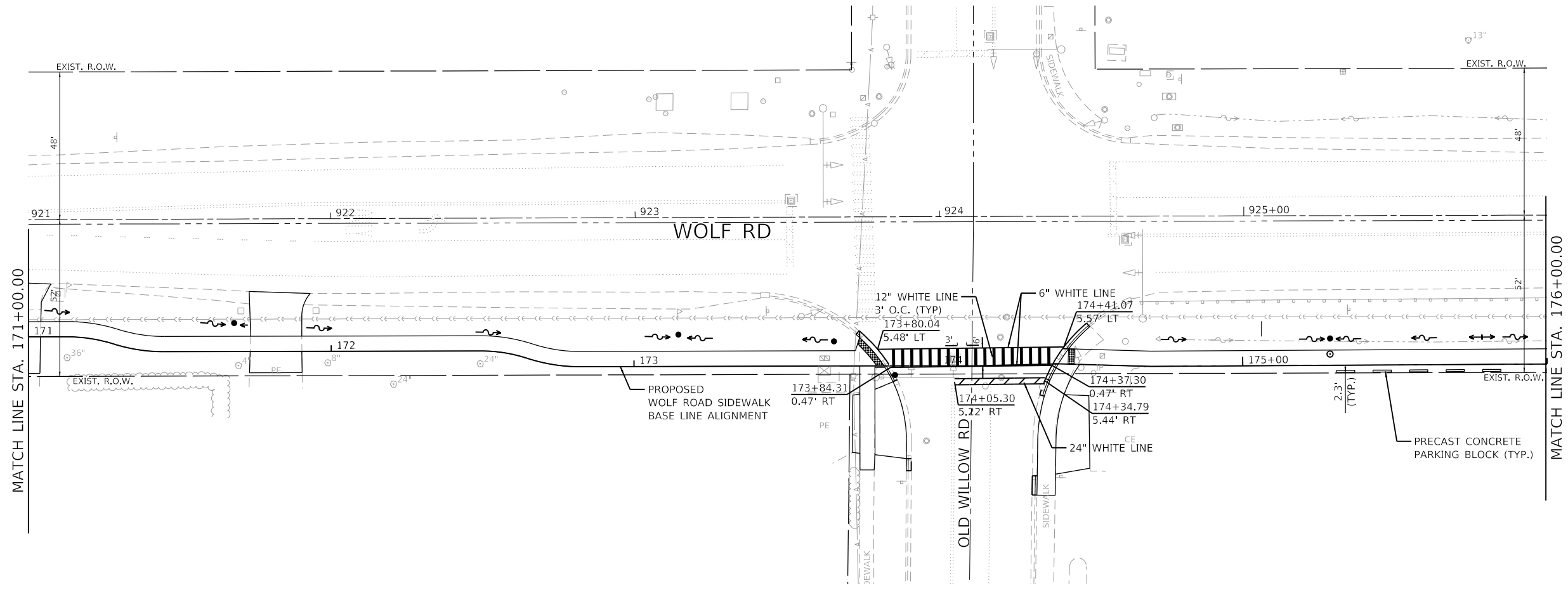
**PAVEMENT MARKING PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 156+00 TO STA. 166+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	78
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC



MODEL: Default
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CHECKED - MJV
PLOT DATE = 11/9/2023

USER NAME = mvasak
DESIGNED - MJV
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DATE - 11/9/2023

DESIGNED - MJV
DRAWN - PJS
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DATE - 11/9/2023

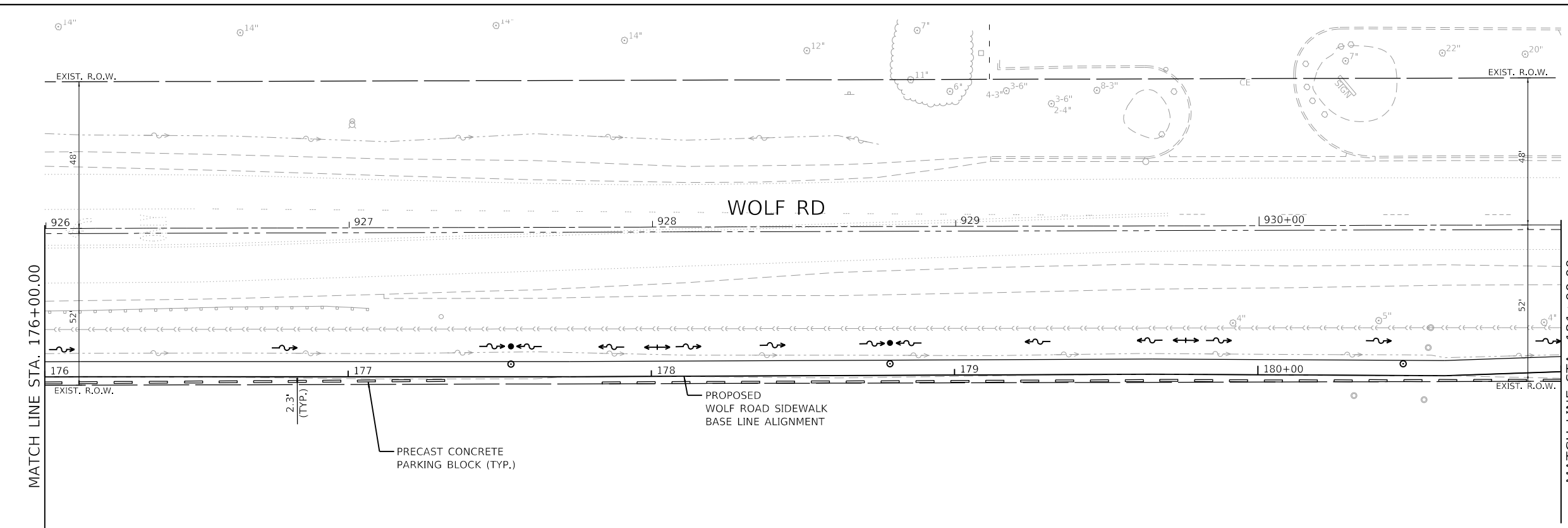
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

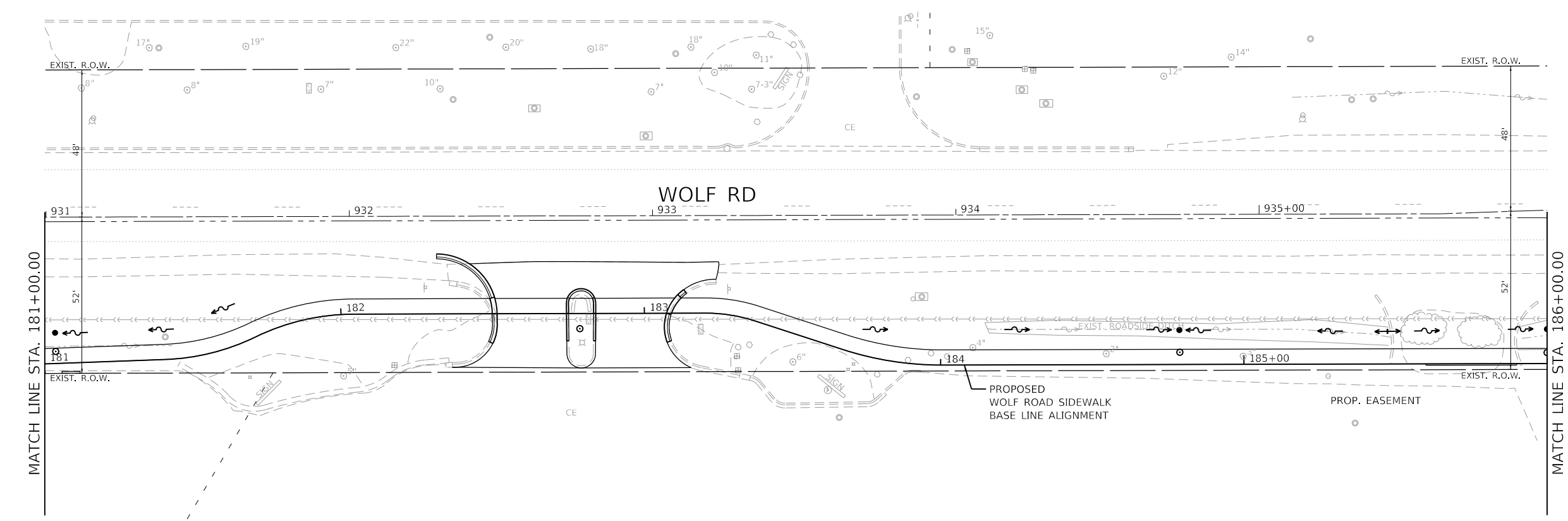
**PAVEMENT MARKING PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 166+00 TO STA. 176+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	79
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC



GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
FILE NUMBER: 4755-180-shd-pmk 5.dgn

FILE NAME = 4755-180-shd-pmk 5.dgn
DRAWN - PJS
CHECKED - MJV
DATE - 11/9/2023

USER NAME = mvasak
DESIGNED - MJV
DRAWN - PJS
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DATE - 11/9/2023

DESIGNED - MJV
DRAWN - PJS
CHECKED - MJV
DATE - 11/9/2023

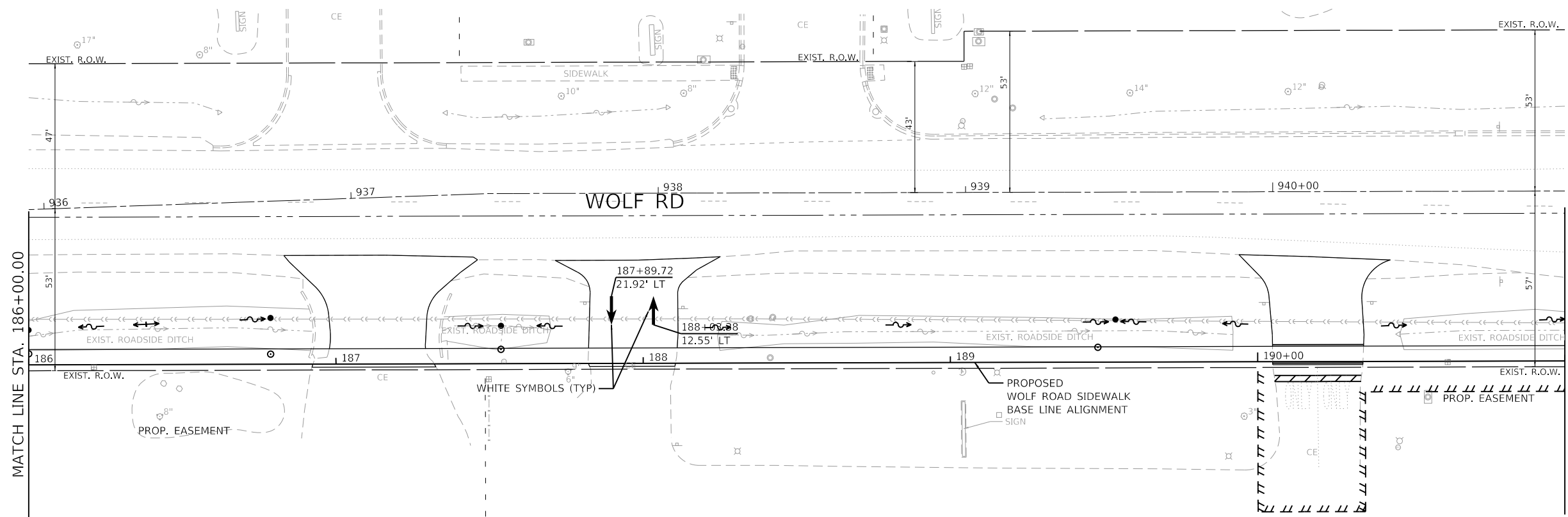
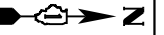
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

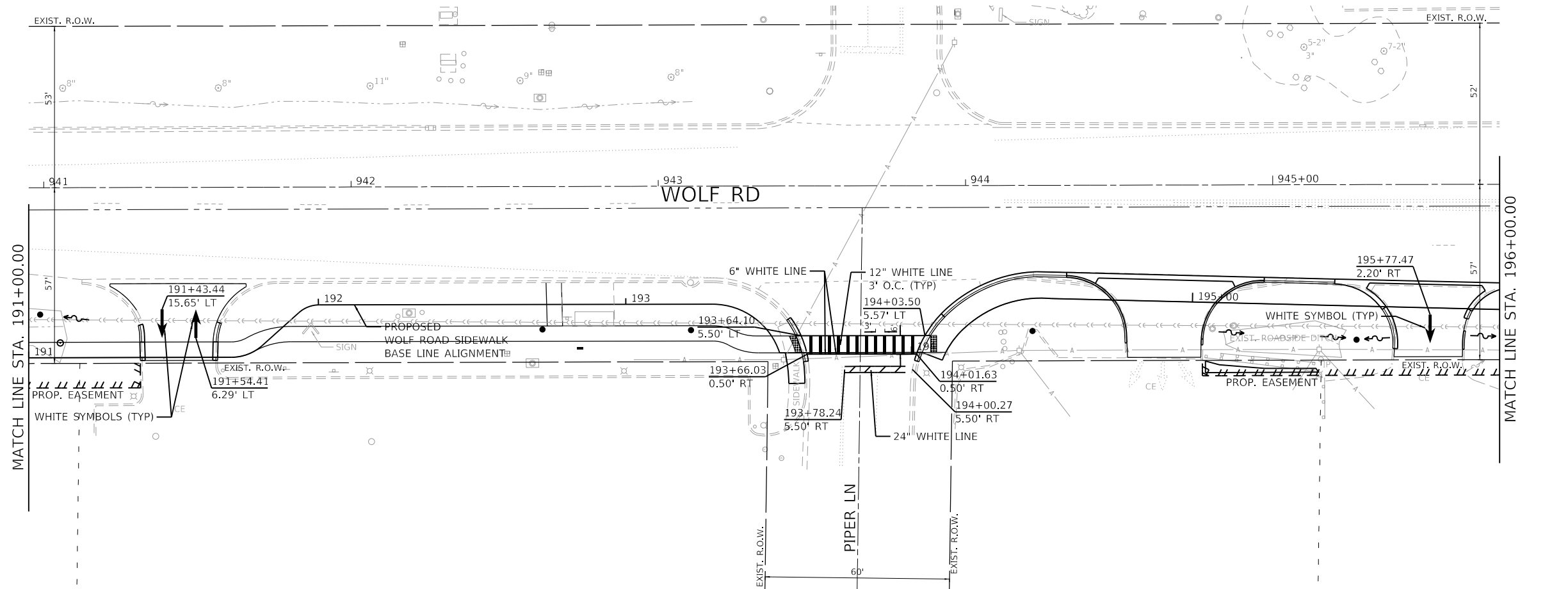
**PAVEMENT MARKING PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 176+00 TO STA. 186+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	80
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC



GHA GEWALT HAMILTON
ASSOCIATES, INC.

MODEL: Default
FILE NUMBER: 4755-180-sht-pmk 6.dgn

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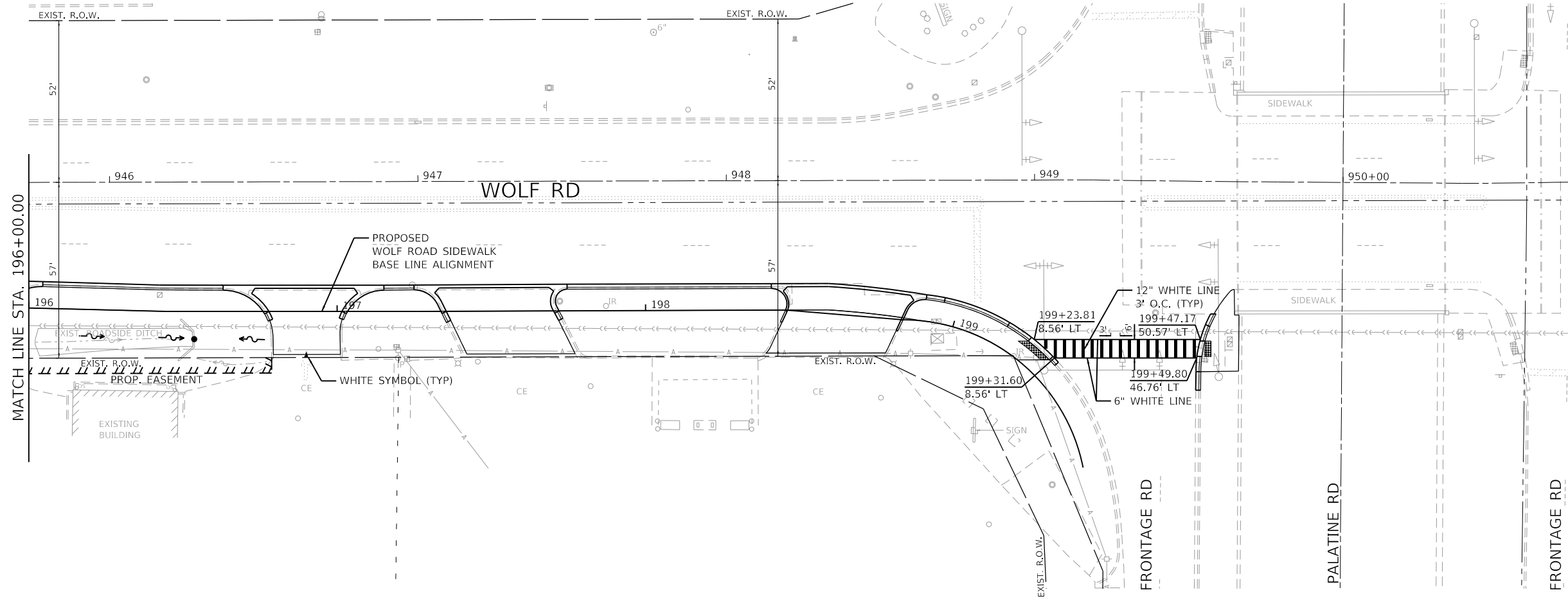
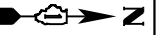
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PLOT SCALE = 1:40	
PLOT DATE = 11/9/2023	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 186+00 TO STA. 196+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	81
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC

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PLOT DATE = 11/9/2023	

REVISER -	DATE - 11/9/2023
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REVISION -	
REVISION -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
WOLF ROAD SIDEWALK**

SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 196+00 TO STA. 199+65.48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	82
				CONTRACT NO. 61153
		ILLINOIS	FED. AID PROJECT	

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM	S	SP	FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM	I	IP	GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM		R			
SIGNAL HEAD			RELOCATE ITEM		RL			
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM		A			
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF			
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF			
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 1

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

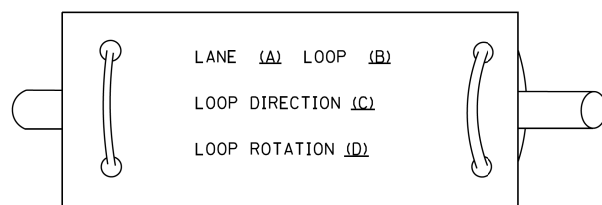
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F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 83
TS-05		CONTRACT NO. 61J53		
ILLINOIS FED. AID PROJECT				

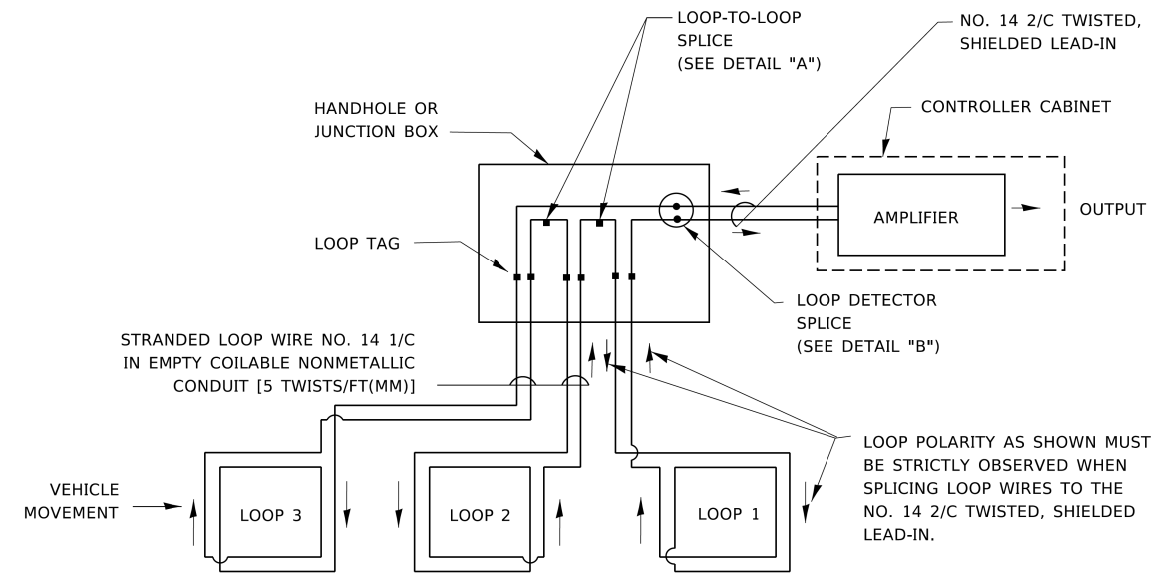
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

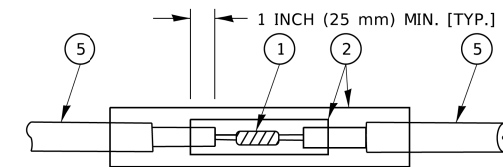


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

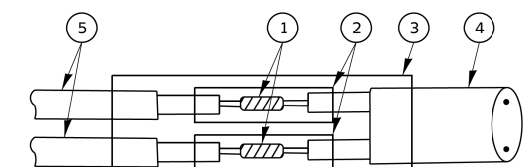


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

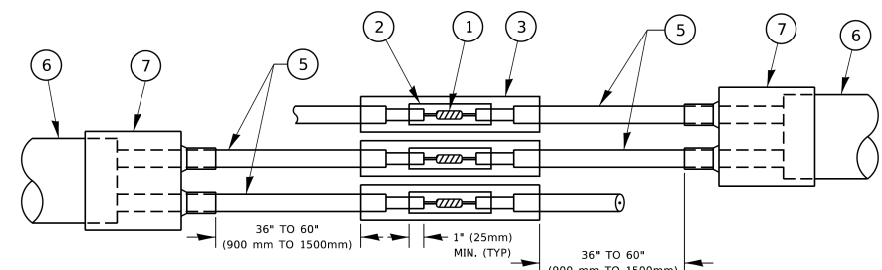


DETAIL "A"
LOOP-TO-LOOP SPLICE

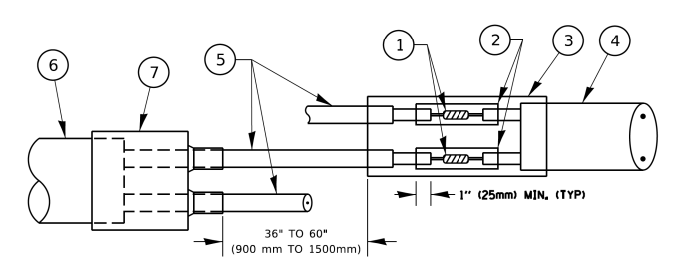


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

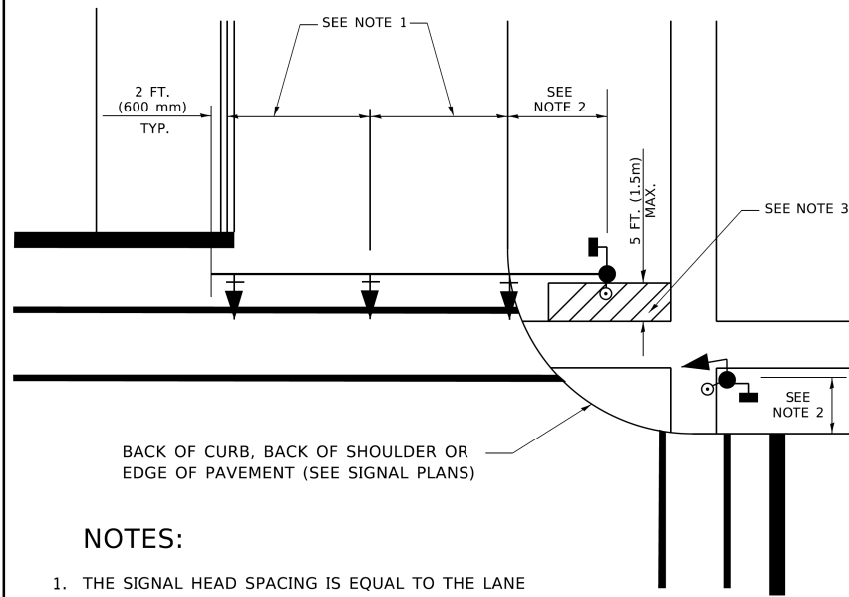
- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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PLOT DATE = 3/4/2019	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	84
TS-05		CONTRACT NO. 61J53		
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

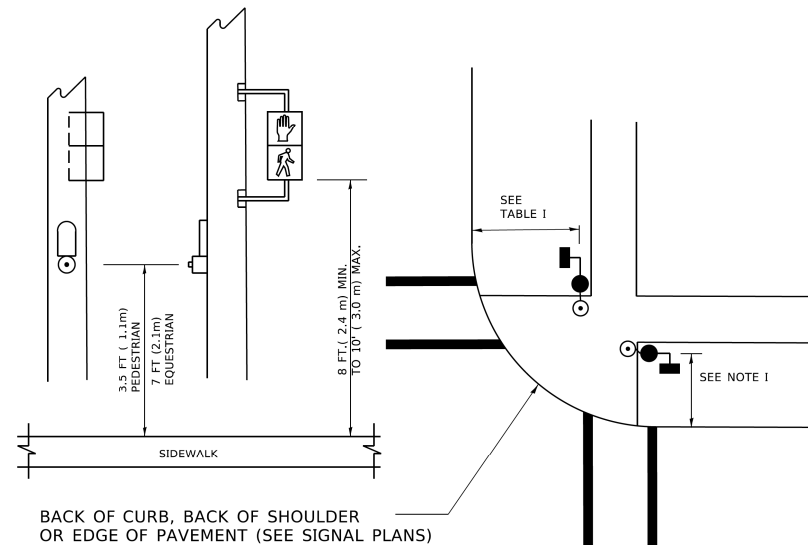
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

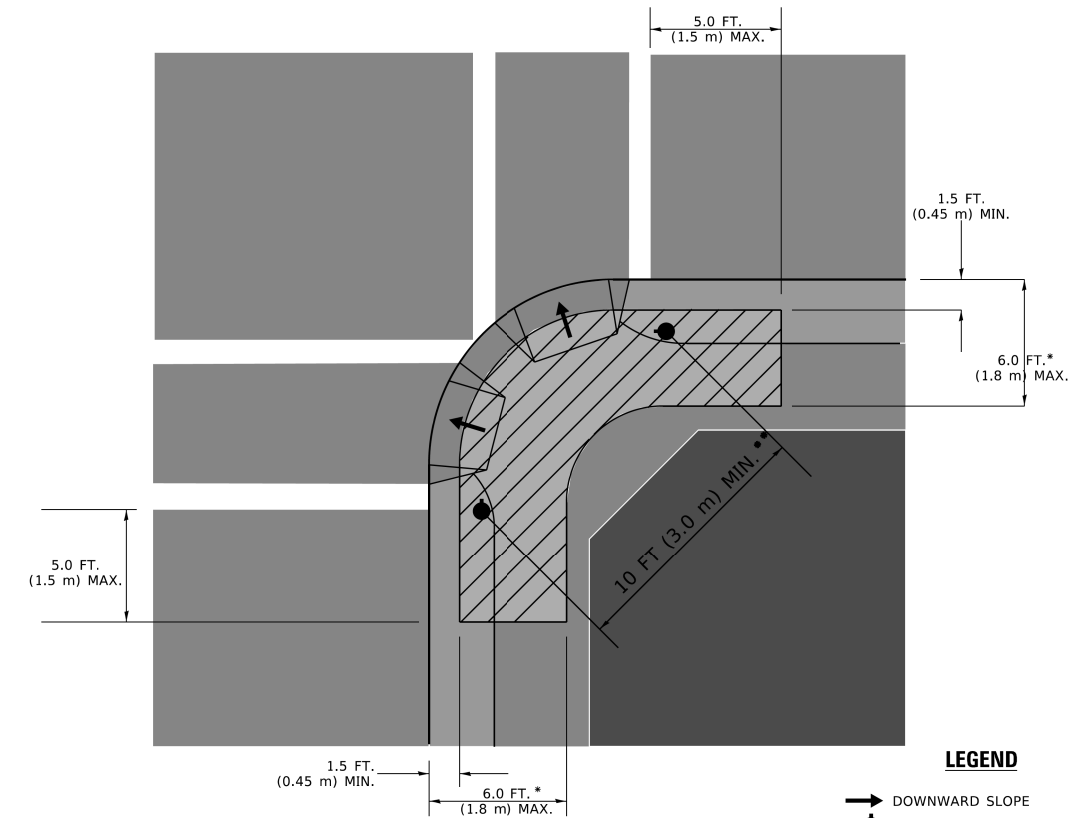
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

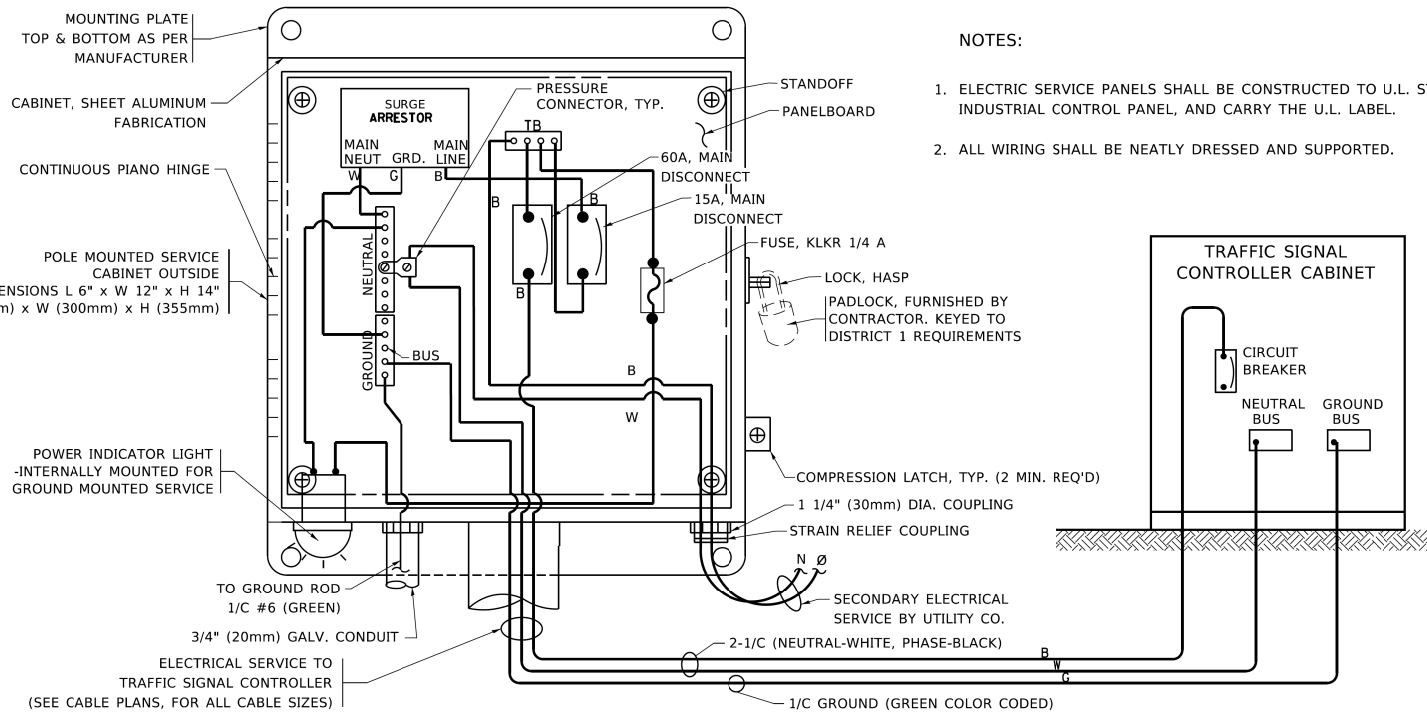
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

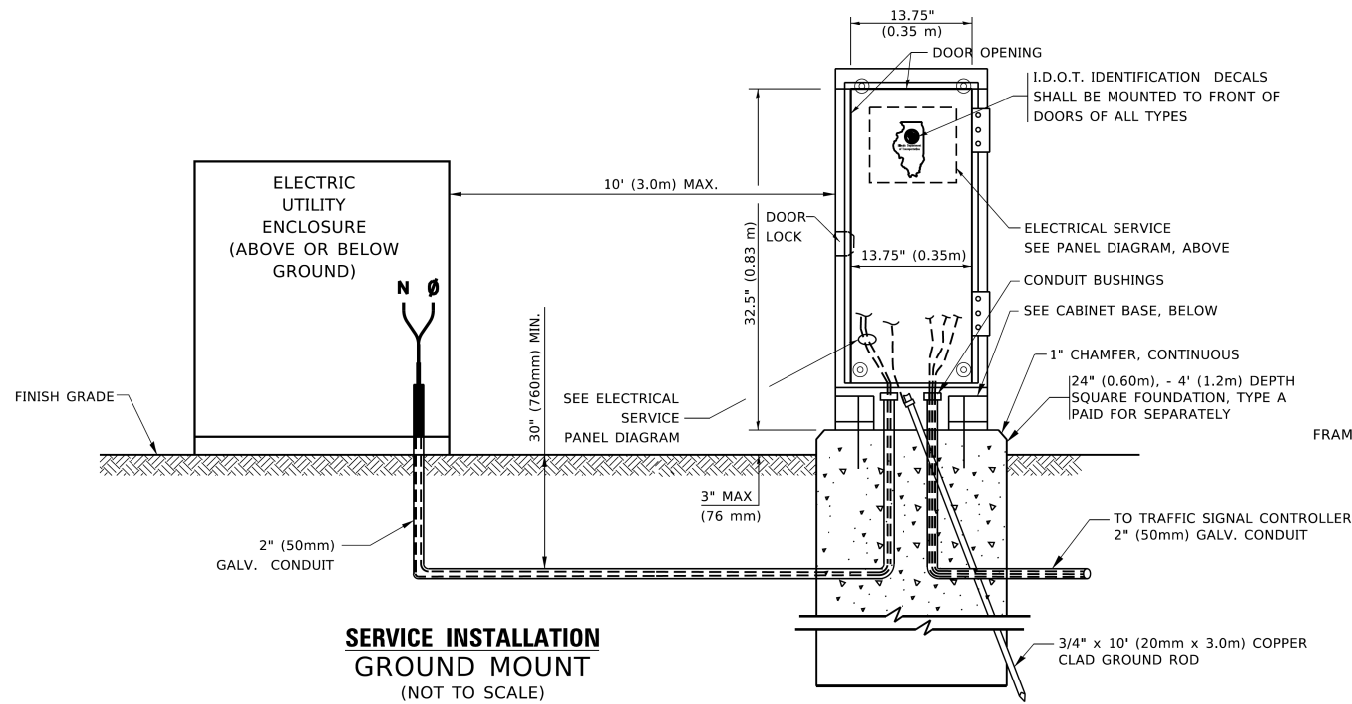
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	85
TS-05		CONTRACT NO. 61J53		
ILLINOIS FED. AID PROJECT				

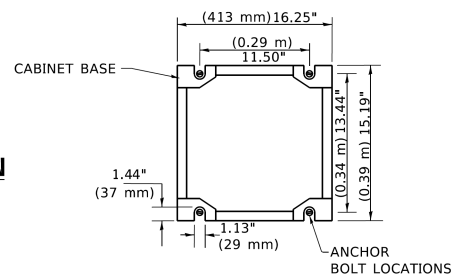


ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)



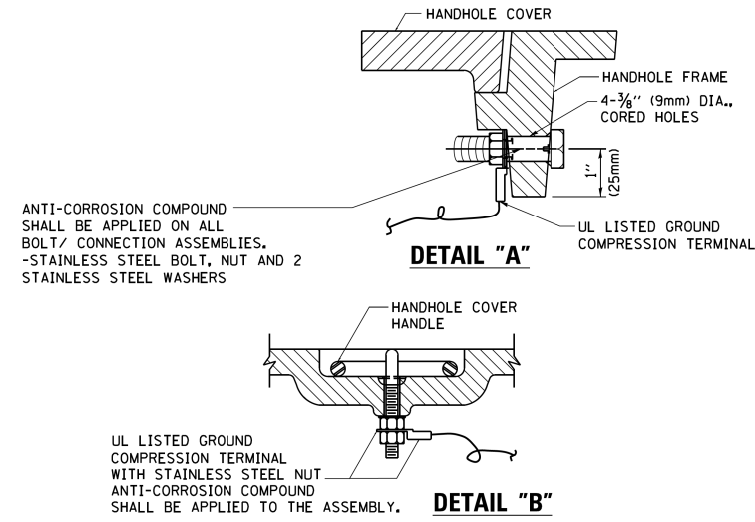
SERVICE INSTALLATION GROUND MOUNT
(NOT TO SCALE)

CABINET - BASE BOLT PATTERN
(NOT TO SCALE)



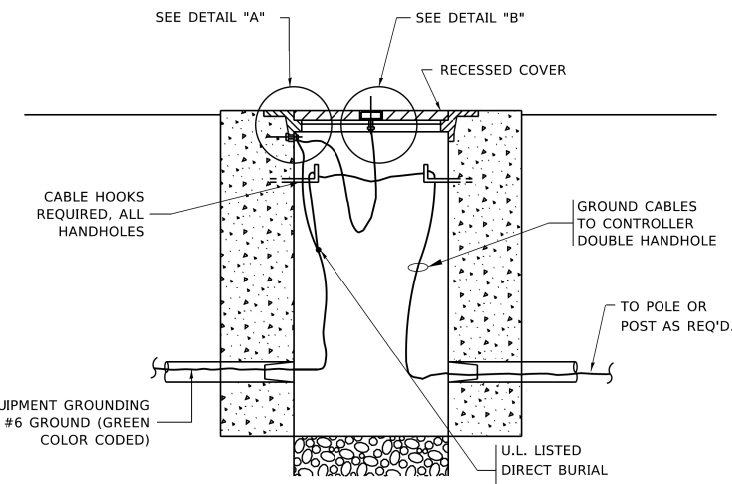
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

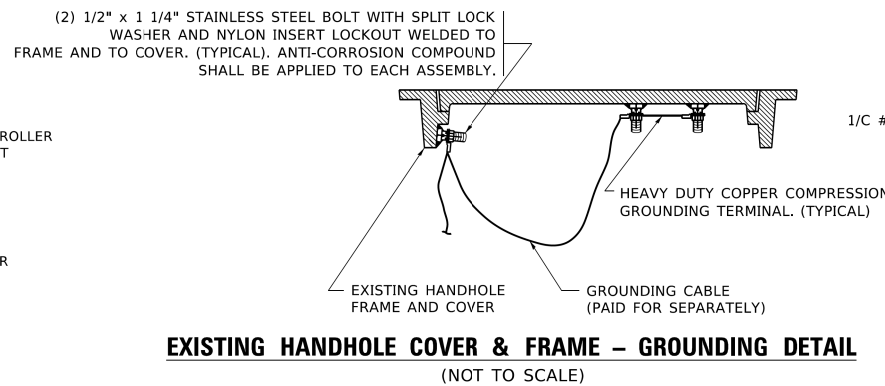


NOTES:
GROUNDING SYSTEM

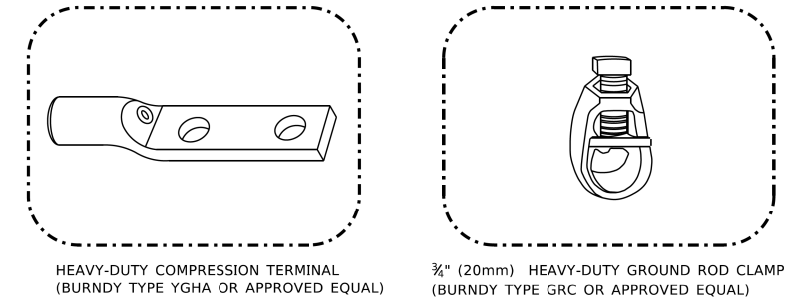
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



HANDHOLE COVER & FRAME - GROUNDING DETAIL
(NOT TO SCALE)

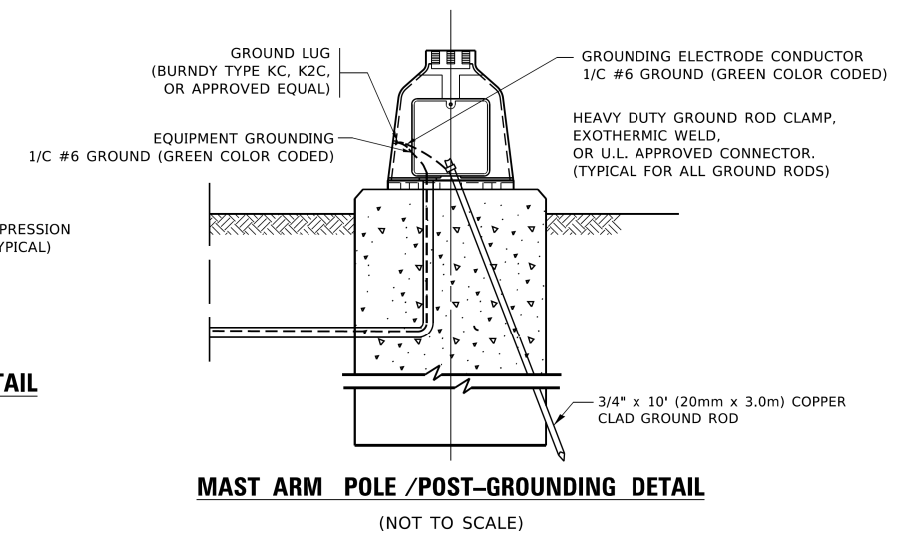


EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
(NOT TO SCALE)



NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
- 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
- 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
- 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



MAST ARM POLE /POST-GROUNDING DETAIL
(NOT TO SCALE)

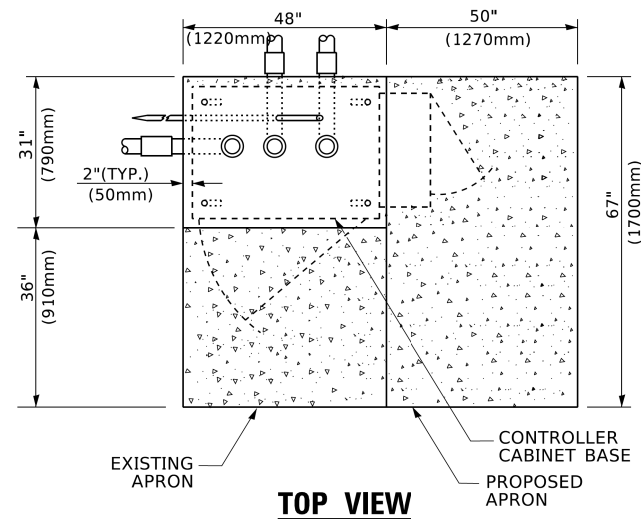
USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

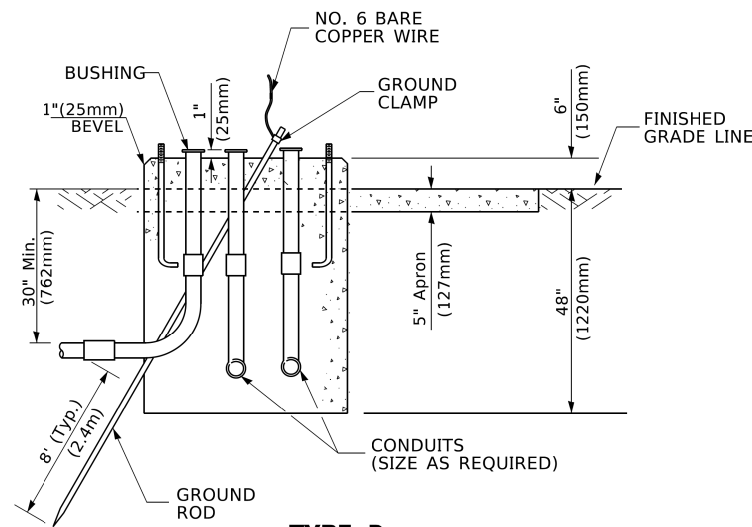
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

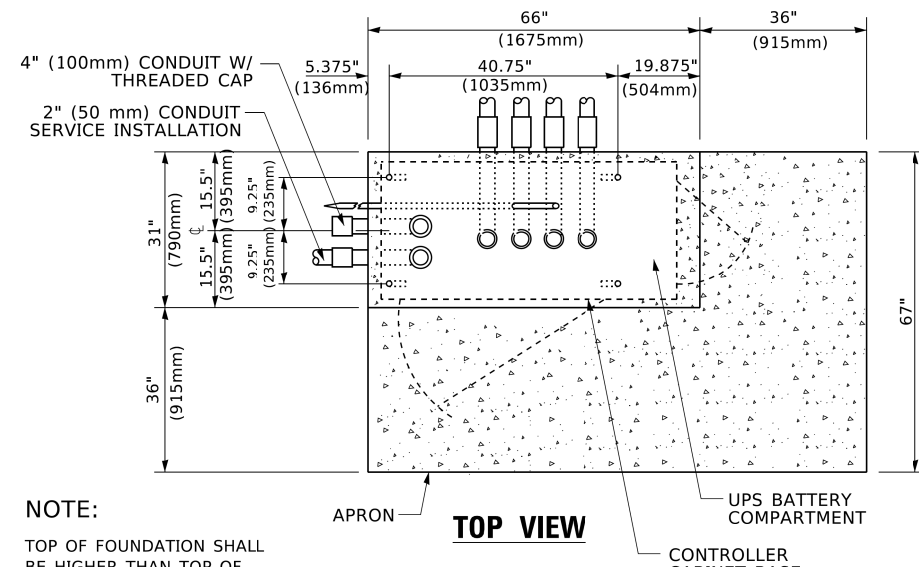
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	86
TS-05		CONTRACT NO. 61J53		
ILLINOIS / FED. AID PROJECT				



TOP VIEW



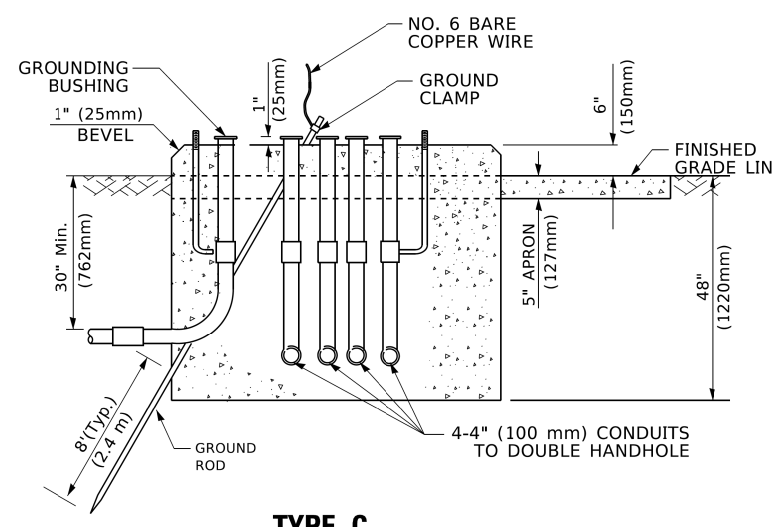
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



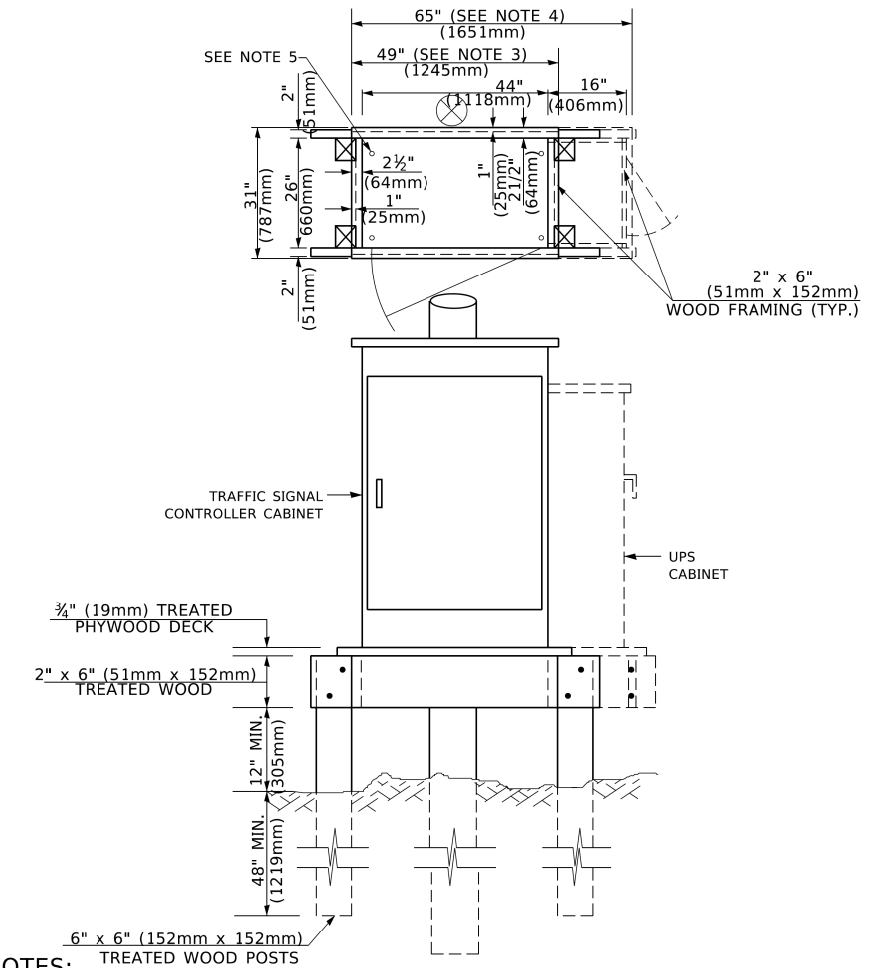
TOP VIEW

NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 85' (25.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

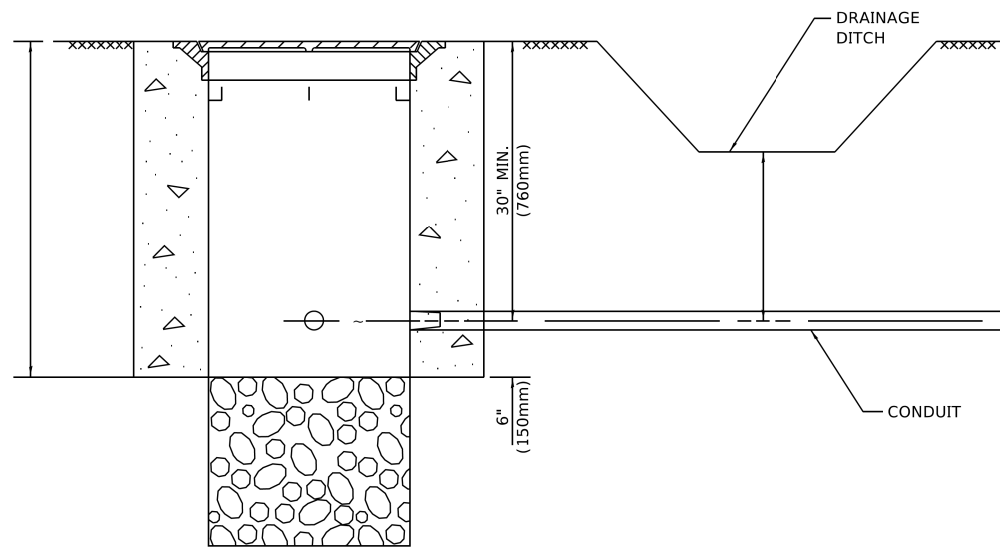
NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

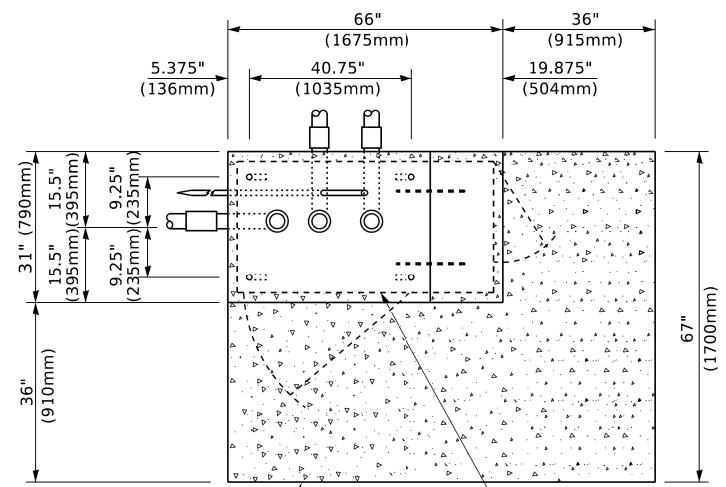
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	87
TS-05		CONTRACT NO. 61J53		
ILLINOIS FED. AID PROJECT				



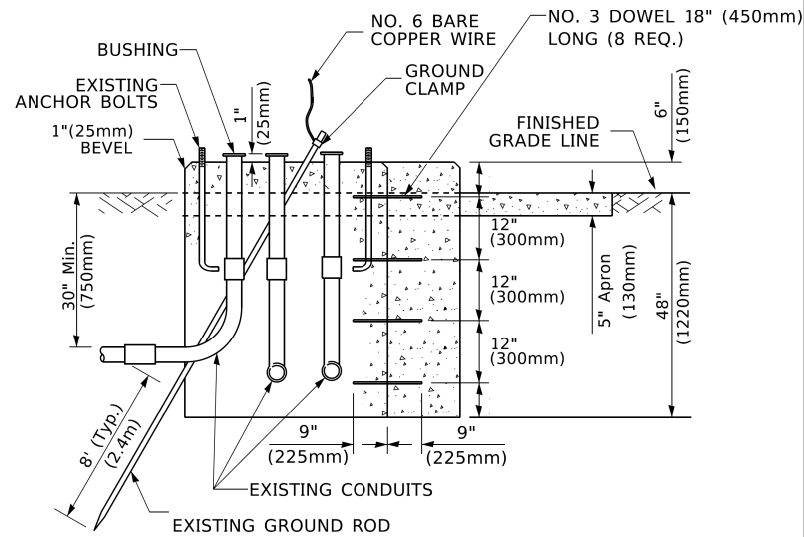
NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

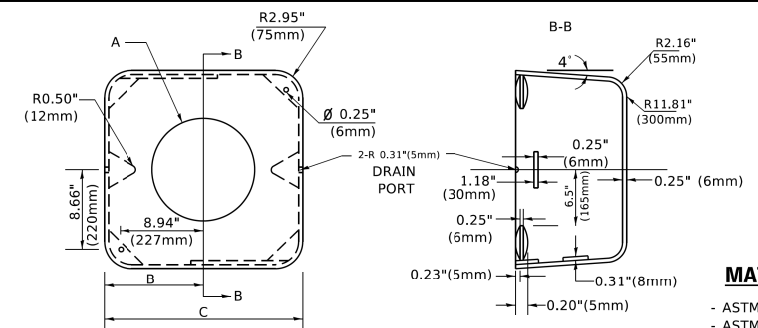
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



TOP VIEW
(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)



MATERIAL
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

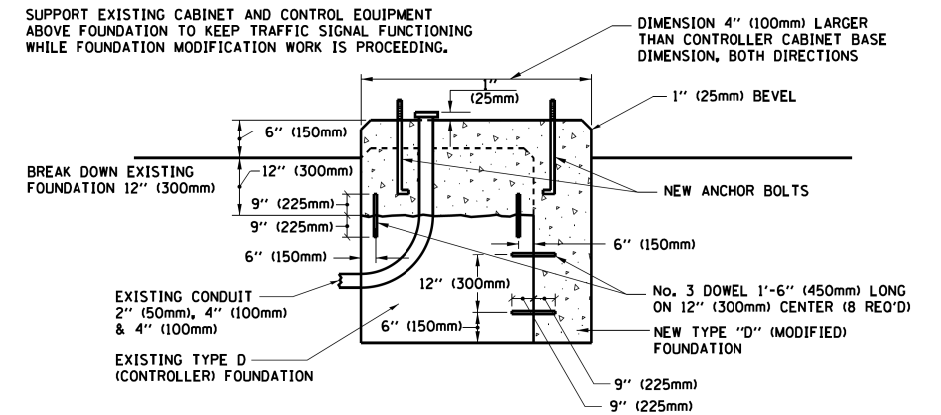
SHROUD

NOTES:

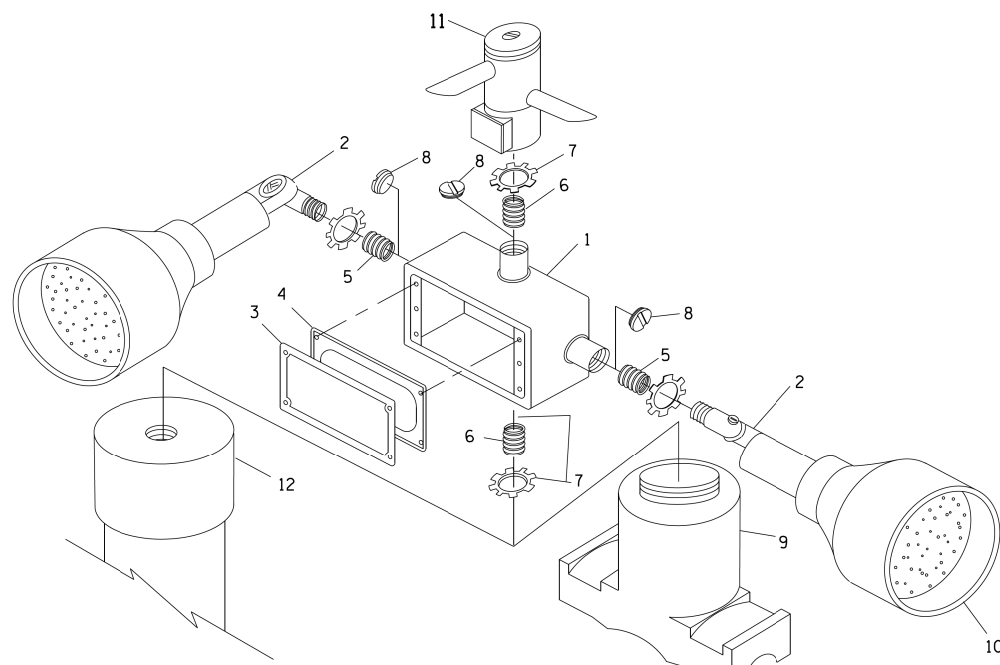
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION

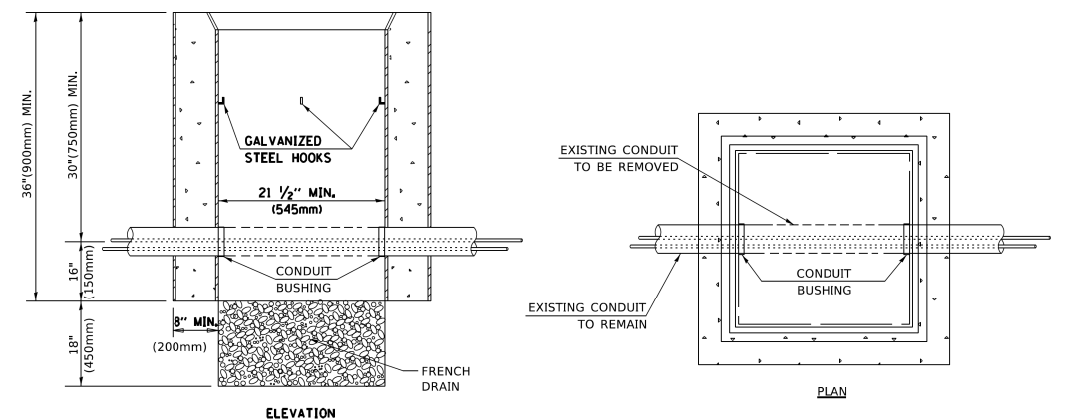


POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



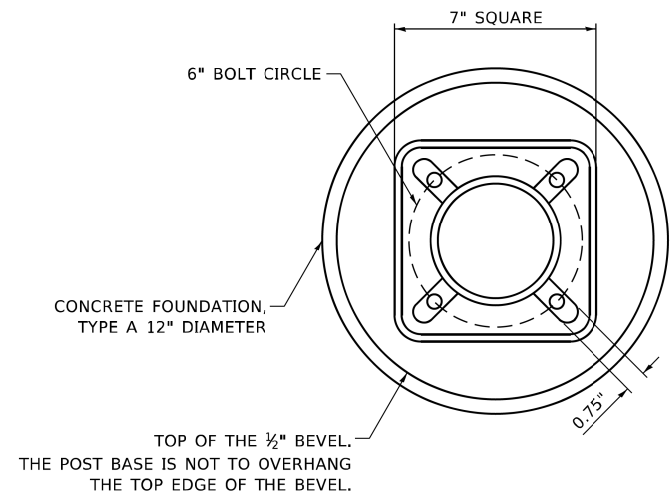
NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

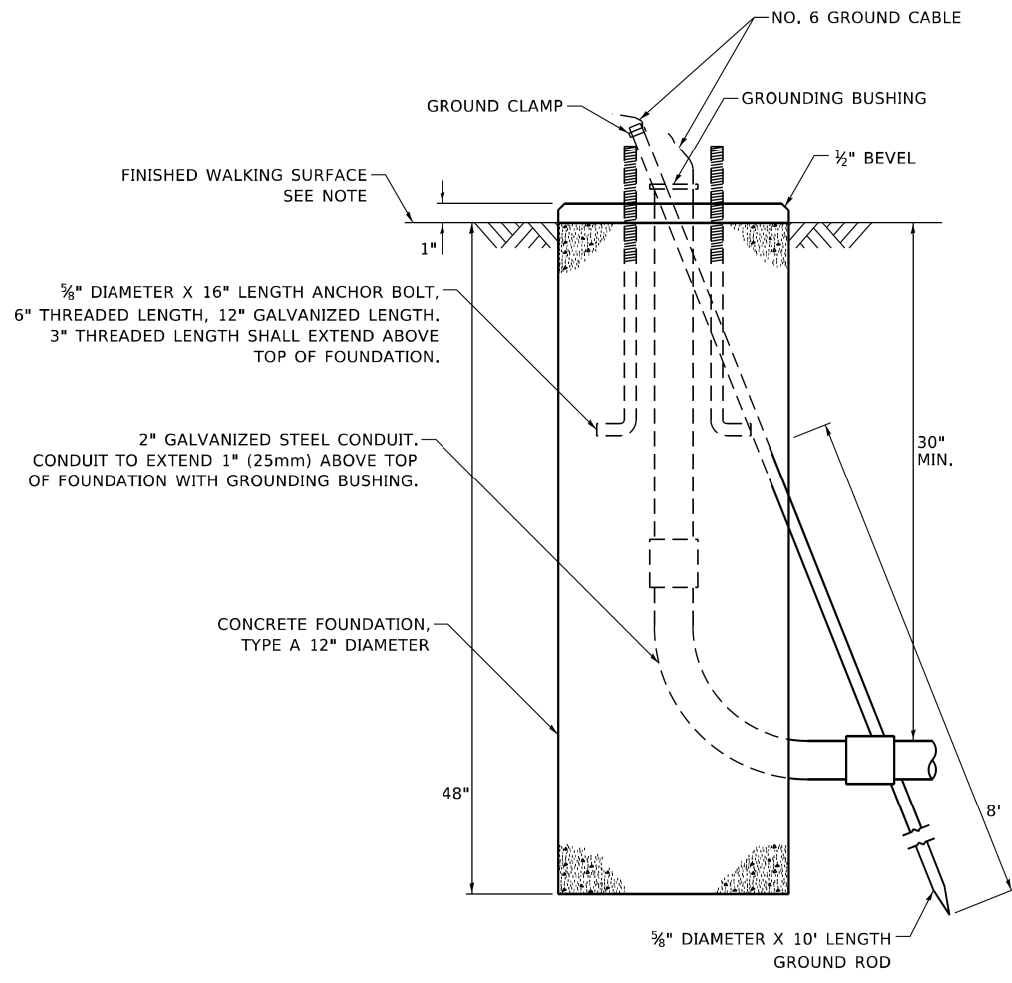
USER NAME	DESIGNED	REVISED
= footemj	-	-
	DRAWN	REVISED
	-	-
PLOT SCALE = 50.0000' / ft.	CHECKED	REVISED
	-	-
PLOT DATE = 3/4/2019	DATE	REVISED
	-	-

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	88
TS-05		CONTRACT NO. 61J53		
ILLINOIS FED. AID PROJECT				

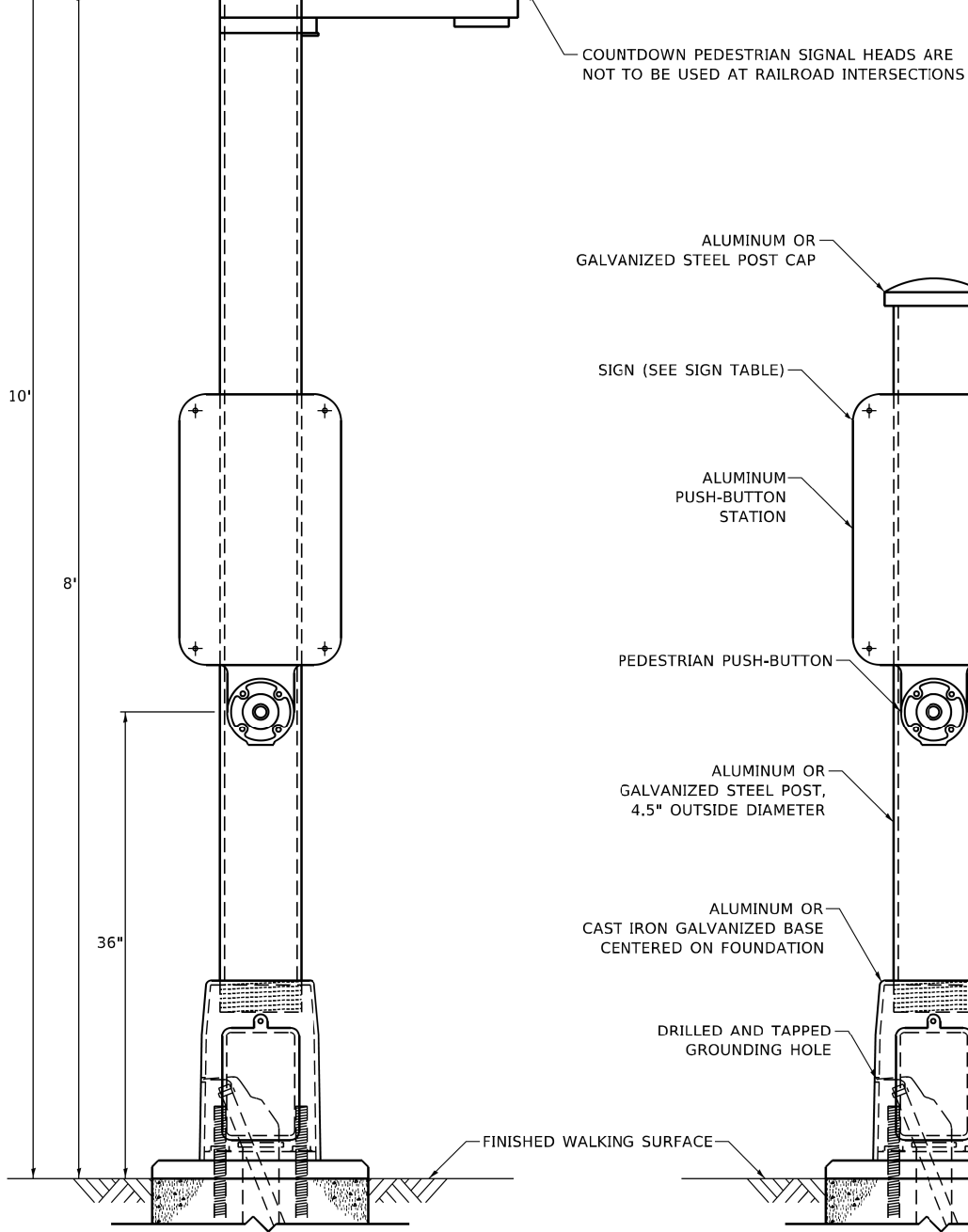
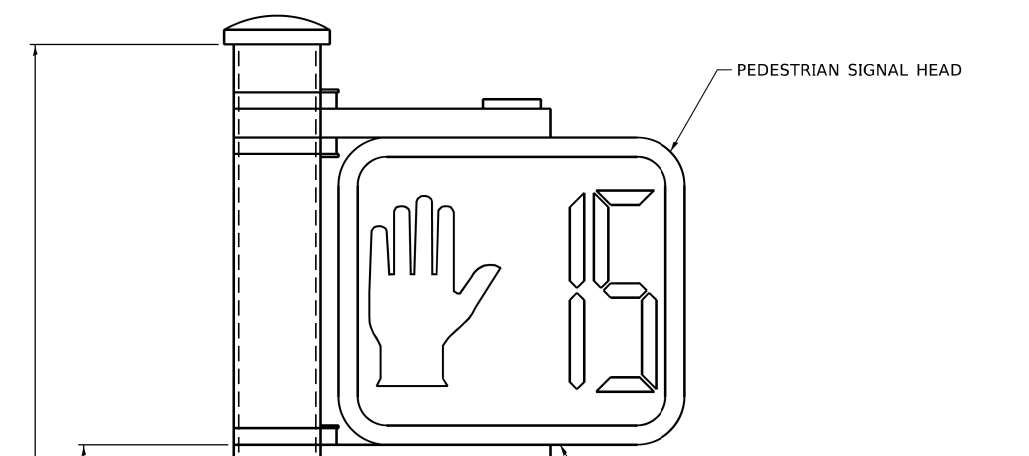


BOLT PATTERN

NOTE:
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.

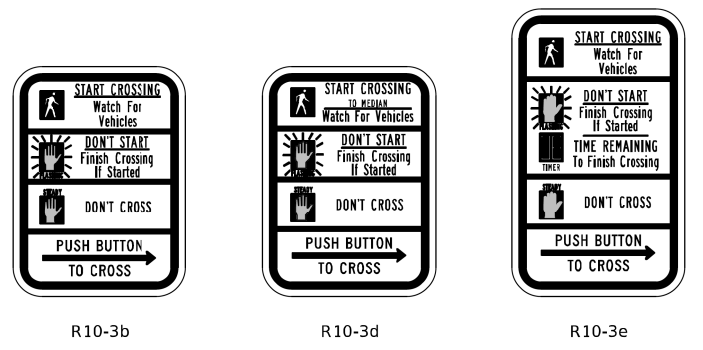


CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.



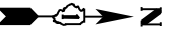
SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

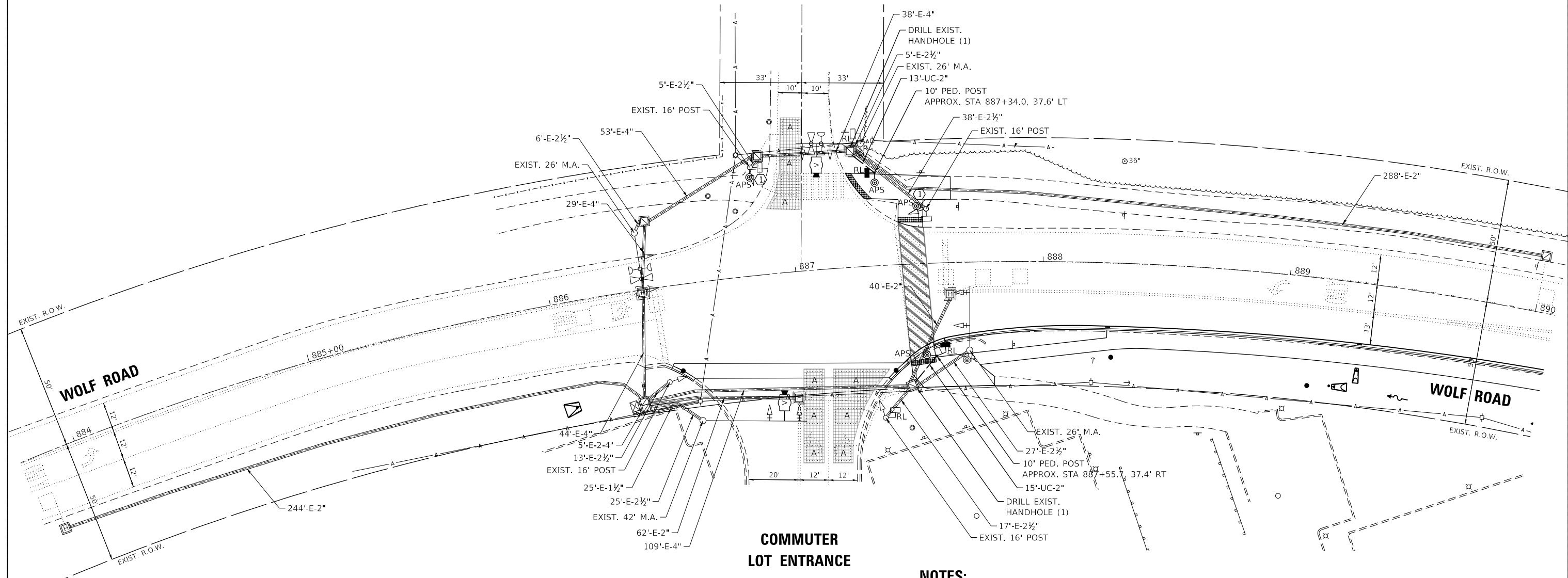
NOTES:
1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

USER NAME = plascencal	DESIGNED - JP	REVISED - 10/15/2020
PLOT SCALE = 100.0000' / in.	DRAWN - JP	REVISED -
PLOT DATE = 11/17/2020	CHECKED - LP	REVISED -
	DATE - 10/15/2018	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	89
TS-05		CONTRACT NO. 61J53		
ILLINOIS FED. AID PROJECT				



EDWARD ROAD



CONSTRUCTION NOTE:

- ① REMOVE EXISTING PEDESTRIAN PUSH-BUTTON AND REPLACE WITH APS PUSH-BUTTON.

NOTES:

- THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR IS TO TAKE CAUTION NOT TO DAMAGE THE SIGNALS THAT ARE IN OPERATION.
- ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4 EACH PEDESTRIAN PUSH-BUTTON

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED POSTS:

2 EACH PEDESTRIAN SIGNAL HEAD

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 8
MODEL: Wolf @ Edward
 FILE NAME: 4755-180-sh-t-TS-Perm.dgn

FILE NAME =	USER NAME = mvasak
4755-180-sh-t-TS-Perm.dgn	
4755.18	
Wolf @ Edward	

PLOT SCALE = 1:40	CHECKED - RJH	DESIGNED - RJH
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISIONS

DESIGNED - RJH	REVISIONS
DRAWN - ZCW	REVISIONS
CHECKED - RJH	REVISIONS
DATE - 11/9/2023	REVISIONS

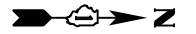
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN MODIFICATIONS
WOLF ROAD AT EDWARD ROAD**

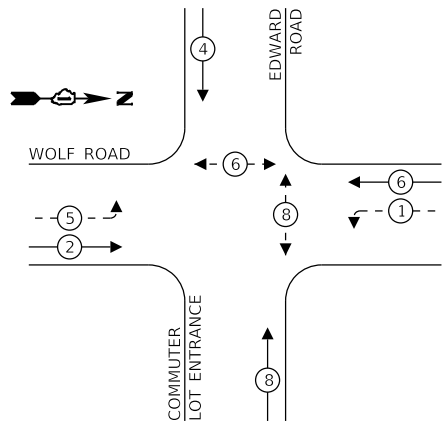
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	90
			CONTRACT NO. 61J53	
		ILLINOIS	FED. AID PROJECT	

TS 5944



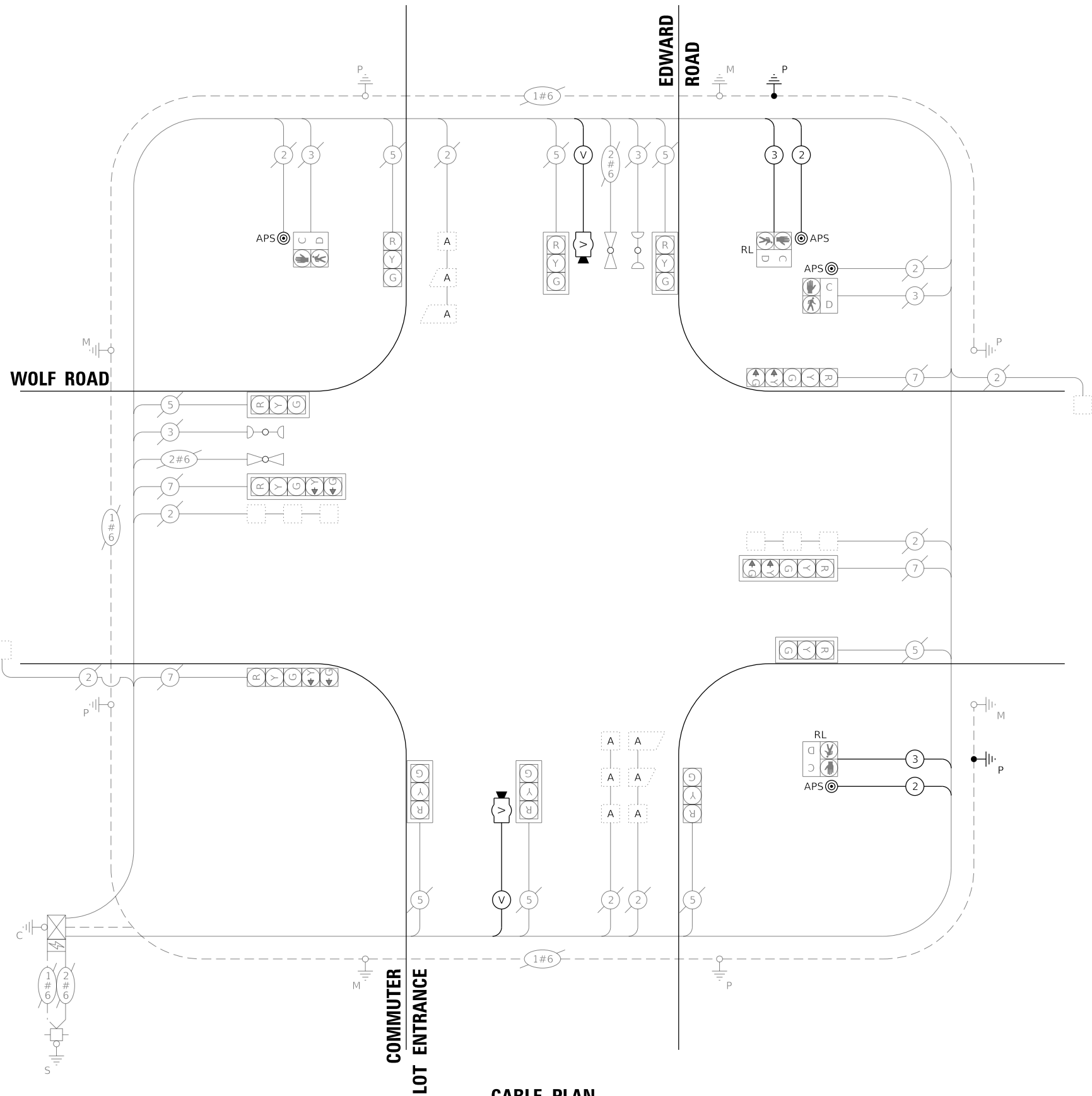
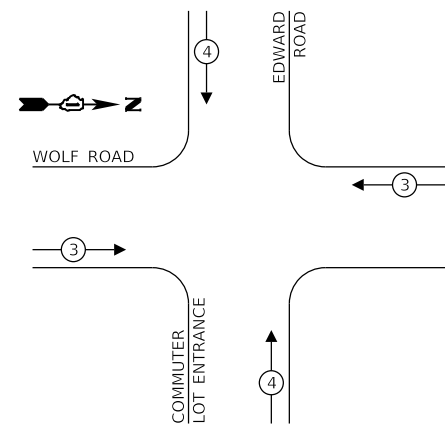
EXISTING AND PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← ⊛ → PROTECTED PHASE
- ← ⊛ - - PROTECTED/PERMITTED PHASE
- ← ⊛ → PEDESTRIAN PHASE
- ← ⊛ OL → OVERLAP

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE	
SIGNAL HEAD	3-SECTION	8	11	88
	4-SECTION	-	14	-
	5-SECTION	4	13	52
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	4	15	60	
MASTER CONTROLLER	1	150	150	
UPS	-	100	-	
DETECTION	RADAR	-	20	-
	VIDEO	2	20	40
BLANK-OUT SIGN	-	25	-	
NETWORK SWITCH (II OR III)	-	35	-	
CELLULAR MODEM	-	15	-	
TOTAL FOR UPS =			415	
UPS CHARGING	1	225	225	
BATTERY HEATER MAT	1	180	180	
CABINET HEATER	1	200	200	
FLASHER	-	15	-	
LED STREET NAME SIGN	-	120	-	
LUMINAIRE	-	240	-	
TOTAL FOR SERVICE =			1,020	

ENERGY COSTS TO:

CITY OF PROSPECT HEIGHTS
8 N. ELMHURST ROAD
PROSPECT HEIGHTS, IL 60070

ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: 00510-66105

FILE NAME =	USER NAME = zwallsten	DESIGNED - RIJ	REVISED -
4755-180-sht-TS-Cable-Perm.dgn		DRAWN - ZCW	REVISED -
4755.18	PLOT SCALE = 1:20	CHECKED - RIJ	REVISED -
Wolf @ Edward	PLOT DATE = 6/5/2023	DATE - 5/24/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
WOLF ROAD AT EDWARD ROAD**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	91
CONTRACT NO. 6153			ILLINOIS FED. AID PROJECT	

TS 5944

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	28
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	405
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	419
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	32
DRILL EXISTING HANDHOLE	EACH	2
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8

TS 5944

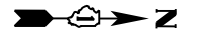
FILE NAME =	USER NAME = zwallsten	DESIGNED - RJH	REVISED -
4755-180-sht-TS-Signage.dgn		DRAWN - ZCW	REVISED -
4755.18	PLOT SCALE = 1:20	CHECKED - RJH	REVISED -
Wolf @ Edward	PLOT DATE = 6/5/2023	DATE - 5/24/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

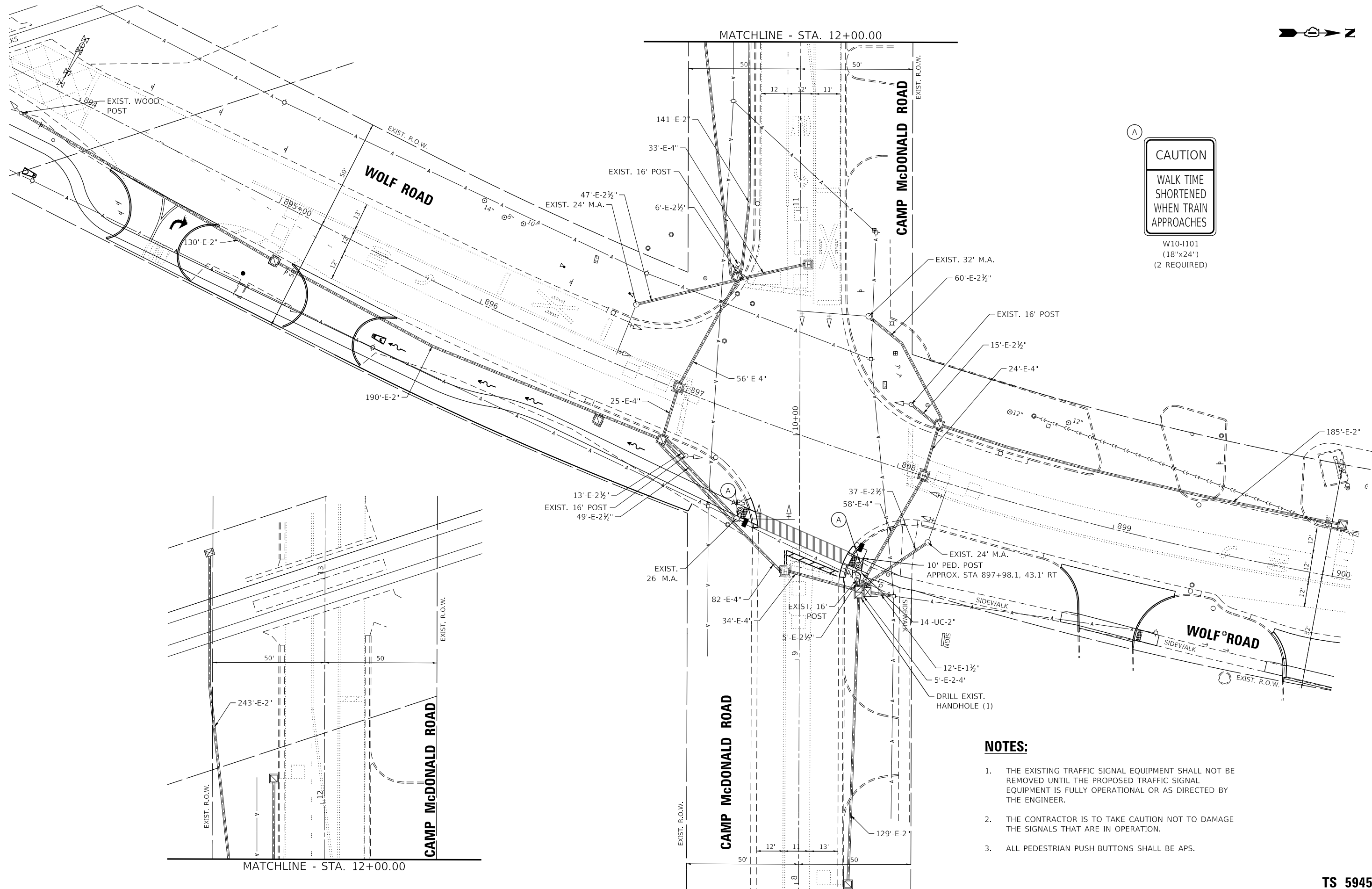
**MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
WOLF ROAD AT EDWARD ROAD**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	92
			CONTRACT NO. 61J53	
		ILLINOIS	FED. AID PROJECT	



MATCHLINE - STA. 12+00.00



CAUTION
 WALK TIME
 SHORTENED
 WHEN TRAIN
 APPROACHES

W10-1101
 (18"x24")
 (2 REQUIRED)

NOTES:

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL OR AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR IS TO TAKE CAUTION NOT TO DAMAGE THE SIGNALS THAT ARE IN OPERATION.
3. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.

MATCHLINE - STA. 12+00.00

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 11

MODEL: Wolf @ Camp McDonald
 FILE NAME: 4755-180-sht-TS-Perm.dgn

FILE NAME =	USER NAME = zwallsten
4755-180-sht-TS-Perm.dgn	
4755.18	
Wolf @ Camp McDonald	

DESIGNED - RIJ	REVISIONS
DRAWN - ZCW	REVISIONS
CHECKED - RIJ	REVISIONS
DATE - 5/24/2023	REVISIONS

DESIGNED - RIJ	REVISIONS
DRAWN - ZCW	REVISIONS
CHECKED - RIJ	REVISIONS
DATE - 5/24/2023	REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN MODIFICATIONS
 WOLF ROAD AT CAMP McDONALD ROAD**

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

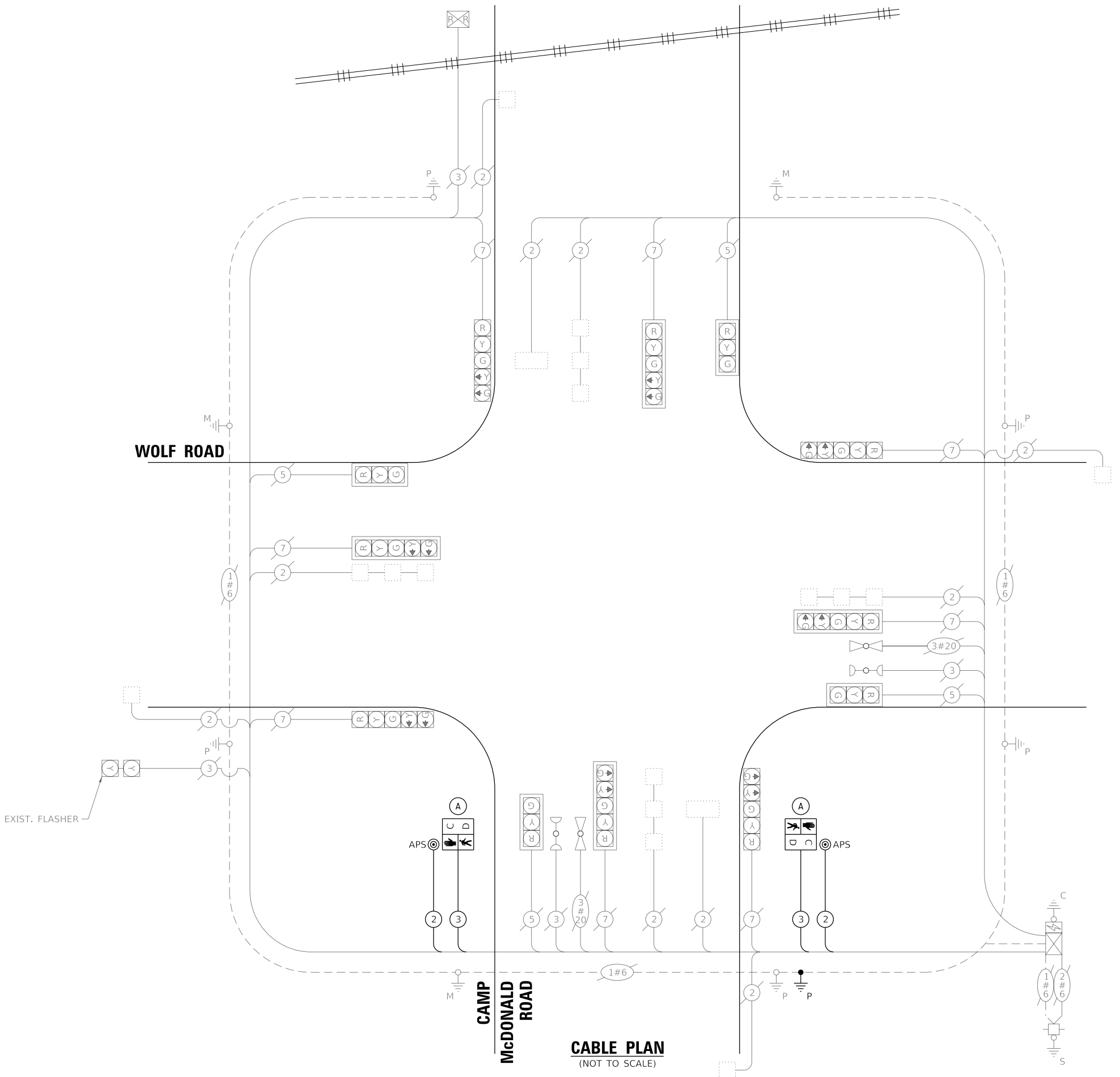
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	93
				CONTRACT NO. 6153
		ILLINOIS	FED. AID PROJECT	

TS 5945

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	4	11	44
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE SIGNAL	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER		2	15	30
MASTER CONTROLLER		1	150	150
UPS		-	100	-
DETECTION		1	25	25
DETECTION	RADAR	-	20	-
	VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH (II OR III)		-	35	-
CELLULAR MODEM		-	15	-
TOTAL FOR UPS =			353	
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		2	15	30
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
TOTAL FOR SERVICE =			988	

ENERGY COSTS TO:
CITY OF PROSPECT HEIGHTS
 8 N. ELMHURST ROAD
 PROSPECT HEIGHTS, IL 60070
 ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
 PHONE: (866) 639-3532
 COMPANY: COM-ED
 ACCOUNT NUMBER: 00510-66105

CAUTION
 WALK TIME SHORTENED WHEN TRAIN APPROACHES
 W10-1101
 (18"x24")
 (2 REQUIRED)



FILE NAME =	USER NAME = zwallsten	DESIGNED - RIJ	REVISED -
4755-180-sht-TS-Cable-Perm.dgn		DRAWN - ZCW	REVISED -
4755.18	PLOT SCALE = 1:20	CHECKED - RIJ	REVISED -
Wolf @ Camp McDonald	PLOT DATE = 6/5/2023	DATE - 5/24/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
WOLF ROAD AT CAMP McDONALD ROAD

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	94
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				

NORMAL SEQUENCE OF OPERATIONS

MOVEMENT	1		5		6		1		5		2		P		6		2		P		7		3		8		3		7		4		8			
PHASE	1 & 5				1 & 6				2 & 5				2 & 6				3 & 7				3 & 8				4 & 7				4 & 8							
INTERVAL	1	2	3	4	5	6	7	8	9	10	11	12A	12B	13	14	15	16	17	18	19A	19B	20	21	22A	22B	23	24A	24B	FLASH							
CHANGE TO	/				1 & 6				2 & 5				2 & 6				/				3 & 7				4 & 7				/				4 & 8			
WOLF ROAD S.B. RIGHT SIGNALS	R	R	R	R	G	G	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
WOLF ROAD SB MAST ARM AND LEFT SIGNALS	R	R	R	R	G	G	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
WOLF ROAD N.B. RIGHT SIGNALS	R	R	R	R	R	R	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				
WOLF ROAD N.B. MAST ARM AND LEFT SIGNALS	R	R	R	R	R	R	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				
CAMP McDONALD ROAD RIGHT SIGNALS WB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R			
CAMP McDONALD ROAD MAST ARM AND LEFT SIGNALS W.B.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R			
CAMP McDONALD ROAD RIGHT SIGNALS EB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R			
CAMP McDONALD ROAD END MAST ARM AND LEFT SIGNALS E.B.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R			
PEDESTRIAN SIGNALS CROSSING CAMP McDONALD ROAD ON EAST SIDE OF WOLF ROAD	H	H	H	H	H	H	*P	**FH	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H			
N.B. FLASHER	Y	Y	Y	Y	Y	Y	DARK	DARK	DARK	DARK	DARK	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			

* = TO APPEAR ONLY UPON PUSH-BUTTON ACTIVATION
 ** = FLASHING * IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE
 PHASES 2 AND 6 SHALL BE PLACED ON RECALL

P = ILLUMINATED PERSON = WALK
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
 H = ILLUMINATED SOLID HAND = DON'T WALK
 0 = THIS "WALK" OR FLASHING "DON'T WALK" INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT TURN ARROW TIME IS NOT SUFFICIENT TO COMPLETE THE "WALK" OR FLASHING "DON'T WALK" INTERVALS.

RAILROAD PREEMPTION SEQUENCE OF OPERATIONS

	NORMAL SEQUENCE OPERATIONS INTERVAL											PMT 3		PMT 4		PMT 2					RESUME NORMAL SEQUENCE
	1	5	7	10	13	17	20	23	1P	1Q	1R	1S	2	3	4	5					
RAILROAD PREEMPTION INTERVAL	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	2	3	4	5
CHANGE TO	2	1C	2	1E	2	1G	2	2	1K	2	2	1N	2	1Q	2	1S	2	3	4	5	
WOLF ROAD S.B. RIGHT SIGNALS	R	Y	R	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R
WOLF ROAD S.B. MAST ARM AND LEFT SIGNALS	R	Y	R	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R
WOLF ROAD N.B. RIGHT SIGNALS	R	R	R	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R
WOLF ROAD N.B. MAST ARM AND LEFT SIGNALS	R	R	R	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R
CAMP McDONALD ROAD RIGHT SIGNALS W.B.	R	R	R	R	R	R	R	R	Y	R	R	Y	R	R	R	R	Y	R	R	R	R
CAMP McDONALD ROAD MAST ARM AND LEFT SIGNALS W.B.	R	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	Y	R	R	R	R
CAMP McDONALD ROAD RIGHT SIGNALS E.B.	R	R	R	R	R	R	R	R	R	R	R	G	G	R	R	G	G	G	Y	R	R
CAMP McDONALD ROAD END MAST ARM AND LEFT SIGNALS E.B.	R	R	R	R	R	R	R	R	R	R	R	G	G	R	R	G	G	G	Y	R	R
PEDESTRIAN SIGNALS CROSSING CAMP McDONALD ROAD ON EAST SIDE OF WOLF ROAD	H	H	H	FH	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
N.B. FLASHER	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Δ = RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY AN EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 5 IS TERMINATED

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER EMERGENCY VEHICLE INTERVAL 2 OR 3 IS TERMINATED.

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATIONS

CHANGE FROM NORMAL INTERVAL NUMBER	1	5				7				10				13	17				20				23				PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4
E.V.P. SEQUENCE INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	2	3			
CHANGE TO E.V.P. INTERVAL SEQUENCE	2/3	2	1D	3	1F	2	1H	1J	3	2	1M	1N	3	2/3	1R	2	3	1U	2	3	1X	2	3					
WOLF ROAD S.B. RIGHT SIGNALS	R	G	Y	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	G	R			
WOLF ROAD S.B. MAST ARM AND LEFT SIGNALS	R	G	Y	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	G	R			
WOLF ROAD N.B. RIGHT SIGNALS	R	R	R	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	G	R			
WOLF ROAD N.B. MAST ARM AND LEFT SIGNALS	R	R	R	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	G	R			
CAMP McDONALD ROAD RIGHT SIGNALS W.B.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	R	R	R	Y	R	G	R	G			
CAMP McDONALD ROAD MAST ARM AND LEFT SIGNALS PHASE 3 W.B.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	R	R	R	Y	R	G	R	G			
CAMP McDONALD ROAD RIGHT SIGNALS PHASE 4 E.B.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	Y	R	G	R	G			
CAMP McDONALD ROAD END MAST ARM AND LEFT SIGNALS PHASE 7 E.B.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	Y	R	G	R	G			
PEDESTRIAN SIGNALS CROSSING CAMP McDONALD ROAD ON EAST SIDE OF WOLF ROAD	H	H	H	H	FH	H	FH	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H			
N.B. FLASHER	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			

FILE NAME = 4755-180-sht-TS-Cable-Perm.dgn	USER NAME = zwallsten	DESIGNED - RJH	REVISED -
4755.18	PLOT SCALE = 1:20	DRAWN - ZCW	REVISED -
Wolf @ Camp McDonald Chart	PLOT DATE = 6/5/2023	CHECKED - RJH	REVISED -
		DATE - 5/24/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SEQUENCE CHARTS

WOLF ROAD AT CAMP McDONALD ROAD

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	95
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	6
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	14
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	263
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	277
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	16
DRILL EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 5945

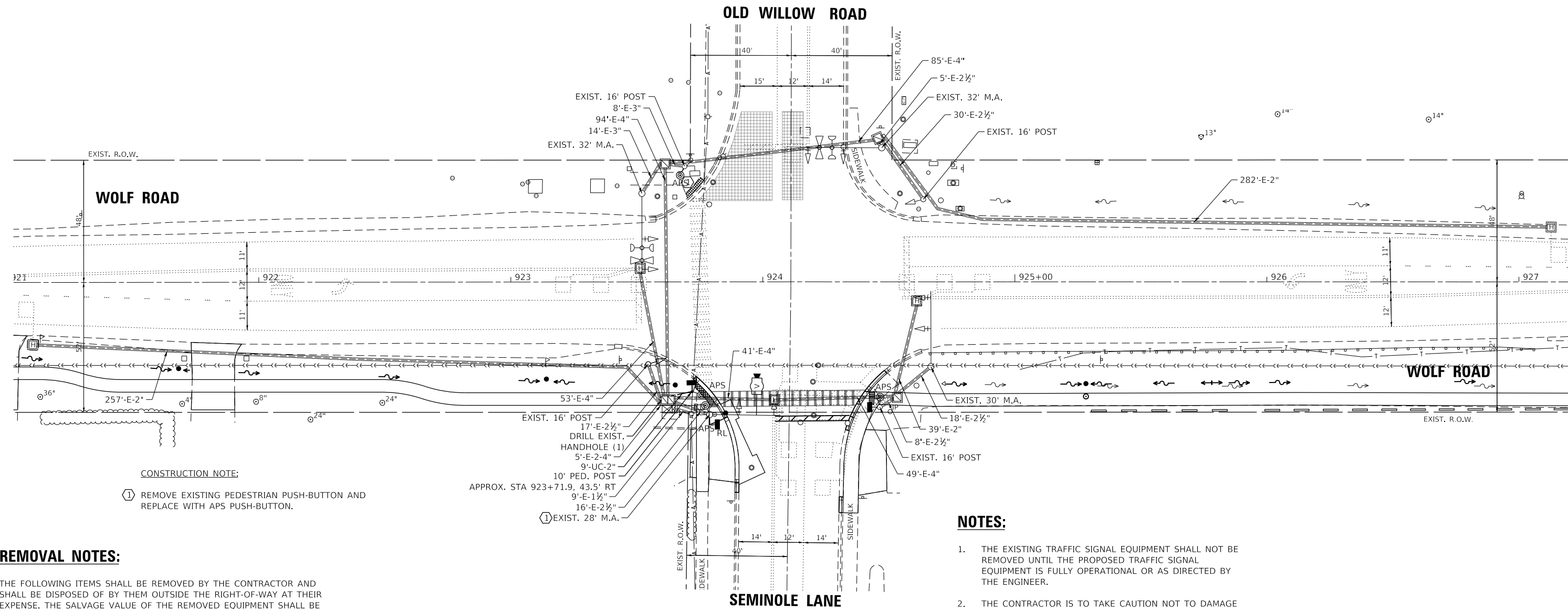
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4755.18	PLOT SCALE = 1:20	CHECKED - RJH	REVISED -
Wolf @ Camp McDonald	PLOT DATE = 6/5/2023	DATE - 5/24/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS
 AND SCHEDULE OF QUANTITIES
 WOLF ROAD AT CAMP McDONALD ROAD**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	96
			CONTRACT NO. 61J53	
		ILLINOIS	FED. AID PROJECT	



CONSTRUCTION NOTE:

- ① REMOVE EXISTING PEDESTRIAN PUSH-BUTTON AND REPLACE WITH APS PUSH-BUTTON.

REMOVAL NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 2 EACH PEDESTRIAN PUSH-BUTTON

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE RETURNED TO THE STATE SPARE PART DEPARTMENT.

- 1 EACH RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR

NOTES:

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL OR AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR IS TO TAKE CAUTION NOT TO DAMAGE THE SIGNALS THAT ARE IN OPERATION.
3. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.

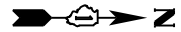
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4755-180-sh-t-ts-Perm.dgn	
4755.18	
Wolf @ Willow	

DESIGNED - RIJ	REVISD -
DRAWN - ZCW	REVISD -
CHECKED - RIJ	REVISD -
DATE - 5/24/2023	REVISD -

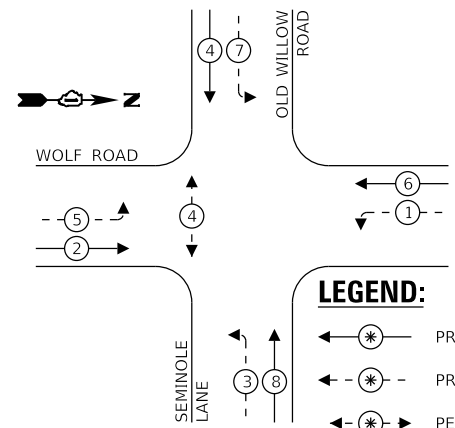
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CHECKED - RIJ	REVISD -
DATE - 5/24/2023	REVISD -

DESIGNED - RIJ	REVISD -
DRAWN - ZCW	REVISD -
CHECKED - RIJ	REVISD -
DATE - 5/24/2023	REVISD -

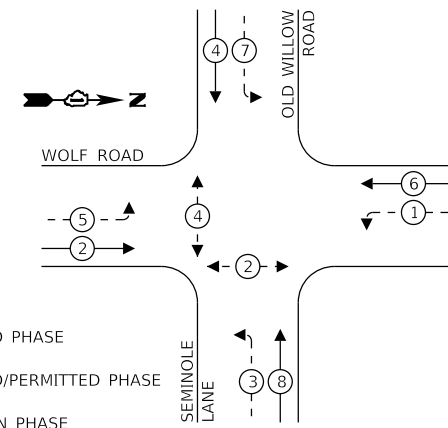
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	97
			CONTRACT NO. 61J53	
		ILLINOIS FED. AID PROJECT		



EXISTING CONTROLLER SEQUENCE



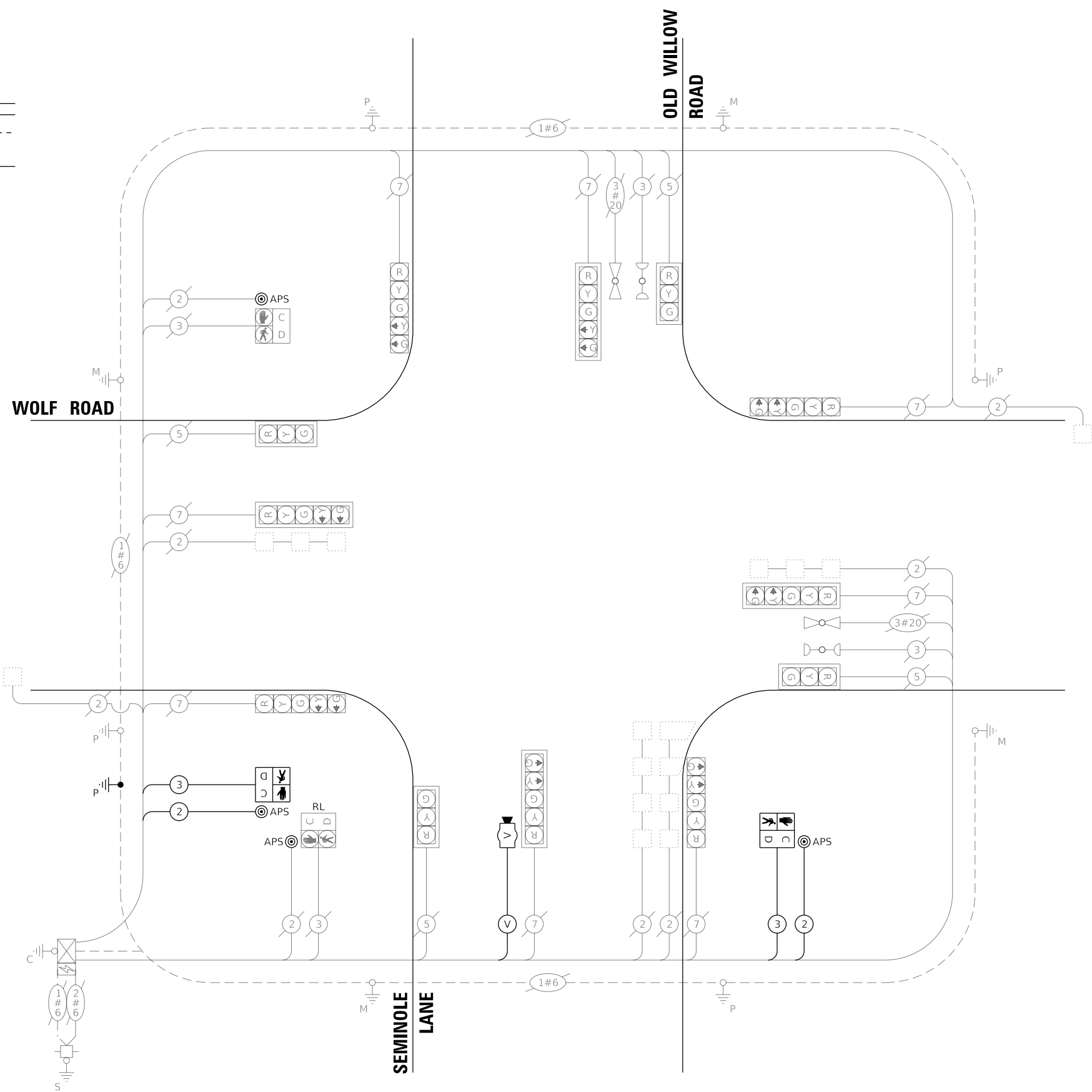
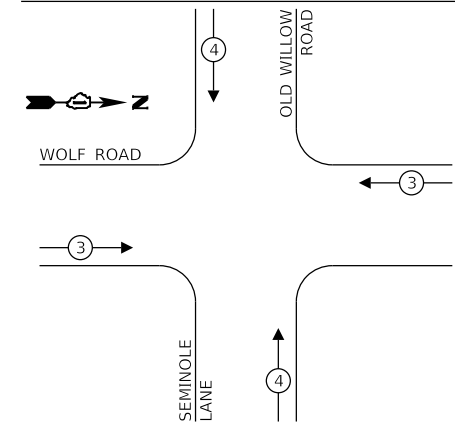
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ⊙ OL OVERLAP

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	4	11
	4-SECTION	-	14
	5-SECTION	8	13
PROGRAMMABLE SIGNAL	3-SECTION	-	22
	4-SECTION	-	32
	5-SECTION	-	28
PEDESTRIAN SIGNAL	4	15	60
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION	RADAR	-	20
	VIDEO	1	20
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH (II OR III)	-	35	-
CELLULAR MODEM	-	15	-
TOTAL FOR UPS =			403
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL FOR SERVICE =			1,008

ENERGY COSTS TO:
VILLAGE OF WHEELING
 2 COMMUNITY BLVD
 WHEELING, IL 60090
 ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
 PHONE: (866) 639-3532
 COMPANY: COM-ED
 ACCOUNT NUMBER: 00510-66105

FILE NAME =	USER NAME = zwallsten
4755-180-sht-TS-Cable-Perm.dgn	
4755.18	
Wolf @ Willow	
DESIGNED - RIJ	REVISED -
DRAWN - ZCW	REVISED -
CHECKED - RIJ	REVISED -
DATE - 5/24/2023	REVISED -
PLOT SCALE = 1:20	
PLOT DATE = 6/5/2023	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
WOLF ROAD AT OLD WILLOW ROAD / SEMINOLE LANE**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	98
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				

TS 5950

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 16

MODEL NAME: @ Willow
 FILE NAME: 4755-180-sht-TS-Cable-Perm.dgn

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	9
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	191
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	205
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	11
DRILL EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 5950

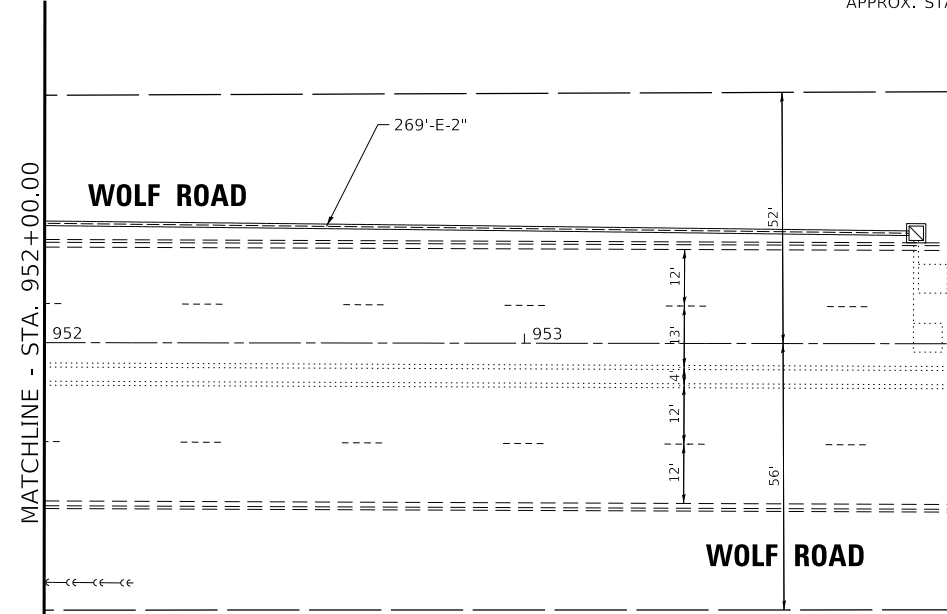
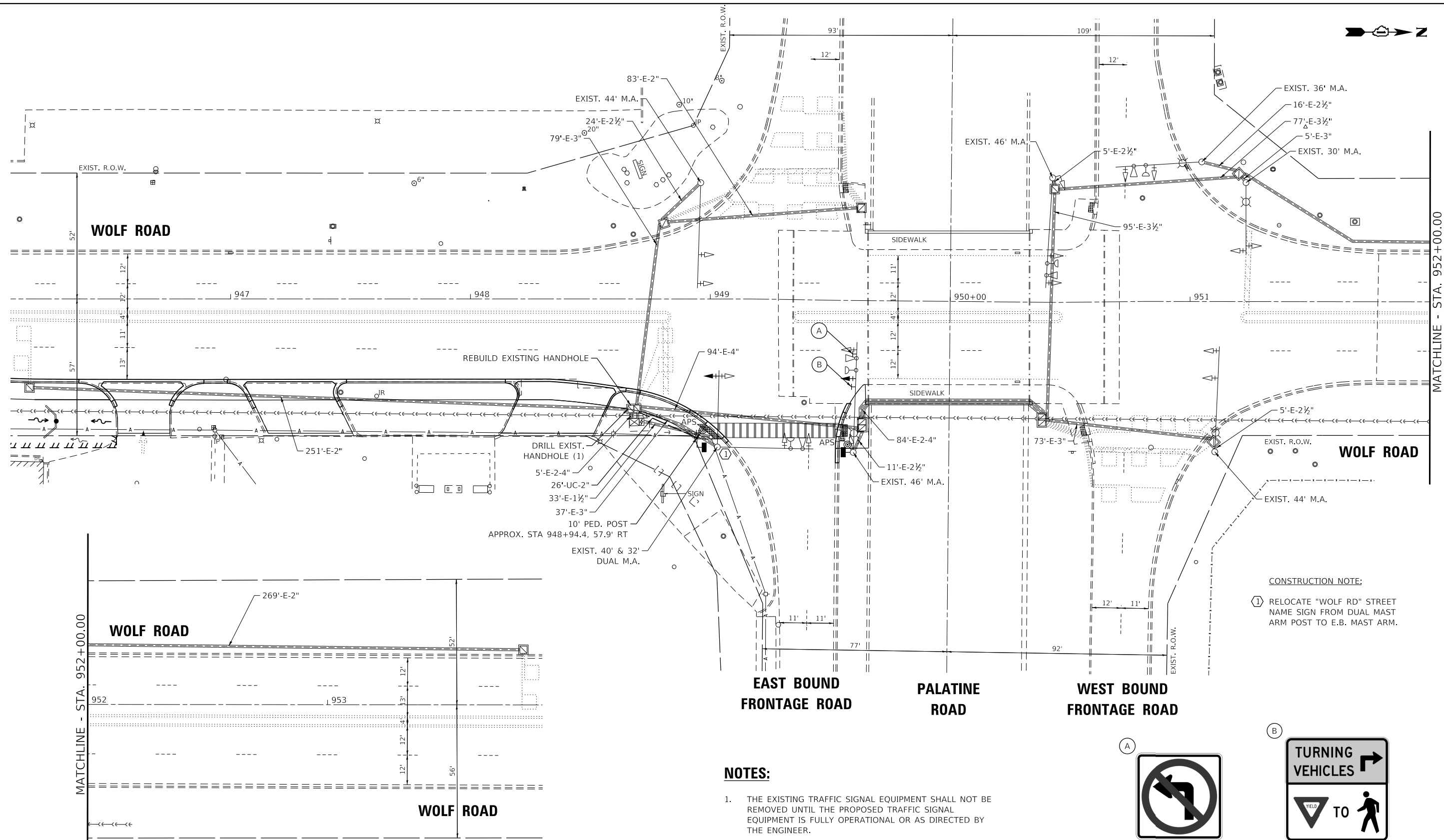
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4755-180-sht-TS-Signage.dgn		DRAWN - ZCW	REVISED -
4755.18	PLOT SCALE = 1:20	CHECKED - RJH	REVISED -
Wolf @ Willow	PLOT DATE = 6/5/2023	DATE - 5/24/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
WOLF ROAD AT OLD WILLOW ROAD /SEMINOLE LANE**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

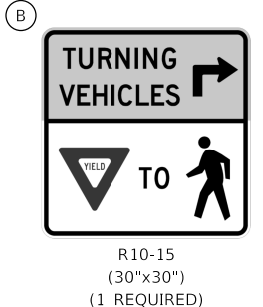
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	99
			CONTRACT NO. 61J53	
		ILLINOIS	FED. AID PROJECT	



CONSTRUCTION NOTE:
 ① RELOCATE "WOLF RD" STREET NAME SIGN FROM DUAL MAST ARM POST TO E.B. MAST ARM.

NOTES:

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL OR AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR IS TO TAKE CAUTION NOT TO DAMAGE THE SIGNALS THAT ARE IN OPERATION.
3. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.



REMOVAL NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 2 EACH 4-SECTION SIGNAL HEAD

FILE NAME =	USER NAME = mvasak
4755-180-shd-TS-Perm.dgn	
4755.18	
Wolf @ Frontage	

PLOT SCALE = 1:20,0004	CHECKED - RJH	DESIGNED - RJH	REVISOR -
PLOT DATE = 12/4/2023	DATE - 12/4/2023	DRAWN - ZCW	REVISIONS -

DESIGNED - RJH	REVISOR -
DRAWN - ZCW	REVISIONS -
CHECKED - RJH	REVISIONS -
DATE - 12/4/2023	REVISIONS -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

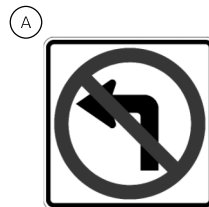
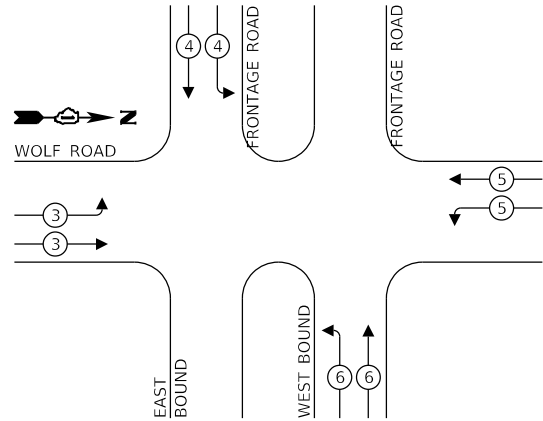
**TRAFFIC SIGNAL PLAN MODIFICATIONS
 WOLF ROAD AT PALATINE ROAD FRONTAGE ROADS**

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

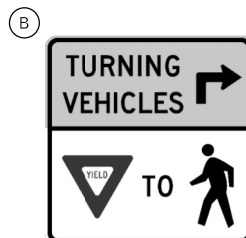
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	100
CONTRACT NO. 61J53				
ILLINOIS FED. AID PROJECT				



**EXISTING EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



R3-2
(24"x24")
(1 REQUIRED)



R10-15
(30"x30")
(1 REQUIRED)

**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	10	110
	4-SECTION	2	28
	5-SECTION	-	-
PROGRAMMABLE SIGNAL	3-SECTION	2	44
	4-SECTION	4	128
	5-SECTION	-	-
PEDESTRIAN SIGNAL	2	15	30
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION	RADAR	-	20
	VIDEO	-	20
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH (II OR III)	-	35	-
CELLULAR MODEM	-	15	-
TOTAL FOR UPS =			515
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
AVIATION LIGHT	4	6	24
TOTAL FOR SERVICE =			1,144

ENERGY COSTS TO:

VILLAGE OF WHEELING
2 COMMUNITY BLVD
WHEELING, IL 60090

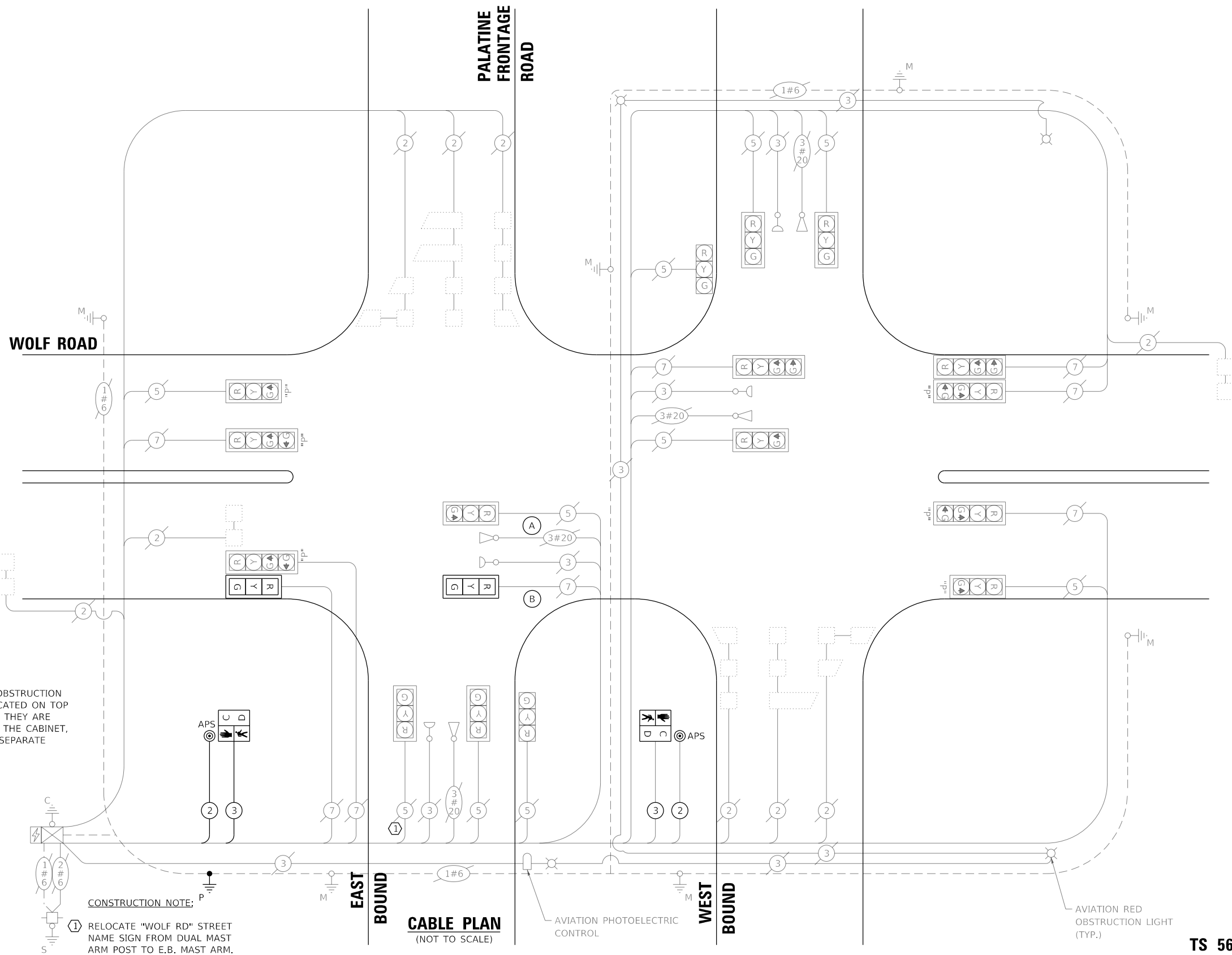
ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COM-ED
ACCOUNT NUMBER: 25360-84029

NOTE:

AVIATION RED OBSTRUCTION LIGHTS ARE LOCATED ON TOP OF MAST ARMS. THEY ARE CONNECTED TO THE CABINET, BUT ARE ON A SEPARATE SYSTEM.

CONSTRUCTION NOTE:

1 RELOCATE "WOLF RD" STREET NAME SIGN FROM DUAL MAST ARM POST TO E.B. MAST ARM.



CABLE PLAN
(NOT TO SCALE)

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 19
MODEL: Wolf @ Frontage
FILE NAME: 4755-180-shr-TS-Cable-Perm.dgn
4755.18
Wolf @ Frontage

FILE NAME =	USER NAME = mvasak	DESIGNED - RJH	REVISED -
4755-180-shr-TS-Cable-Perm.dgn		DRAWN - ZCW	REVISED -
4755.18		CHECKED - RJH	REVISED -
Wolf @ Frontage		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
WOLF ROAD AT PALATINE ROAD FRONTAGE ROADS**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

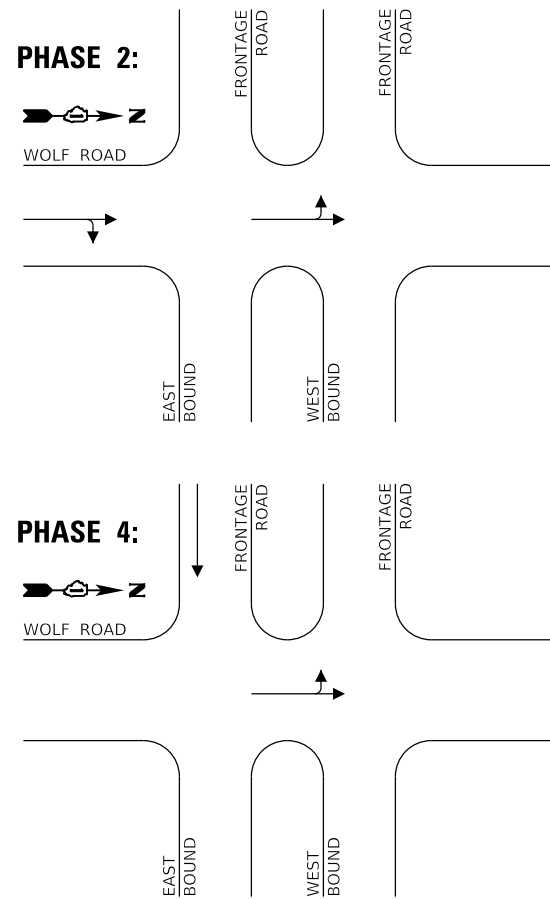
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	101
				CONTRACT NO. 61153
ILLINOIS FED. AID PROJECT				

TS 5640

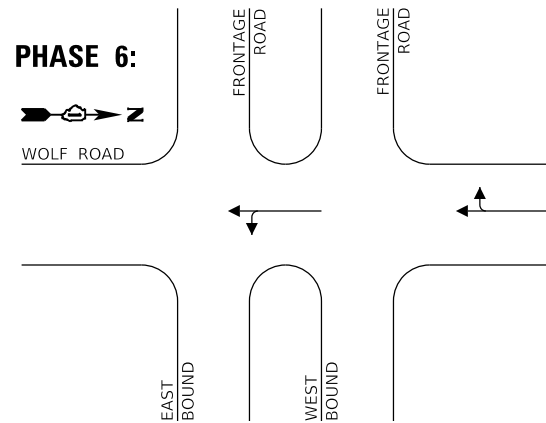
EXISTING CONTROLLER SEQUENCE

RING STRUCTURE:

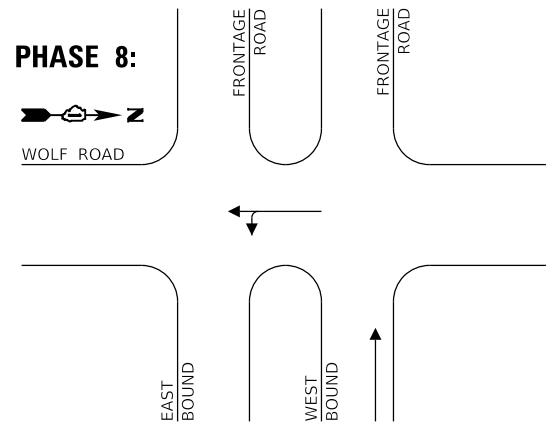
RING 1	2	4	6	8
RING 2				



PHASE 6:



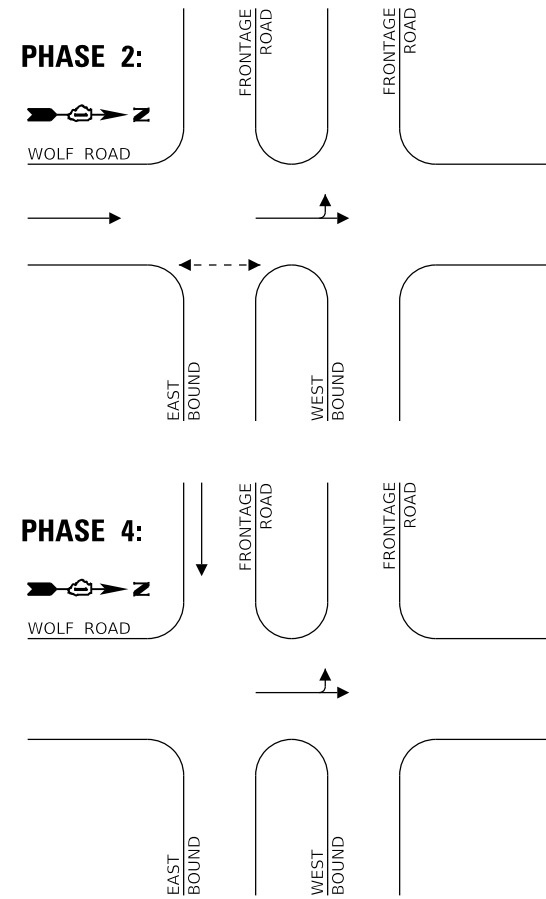
PHASE 8:



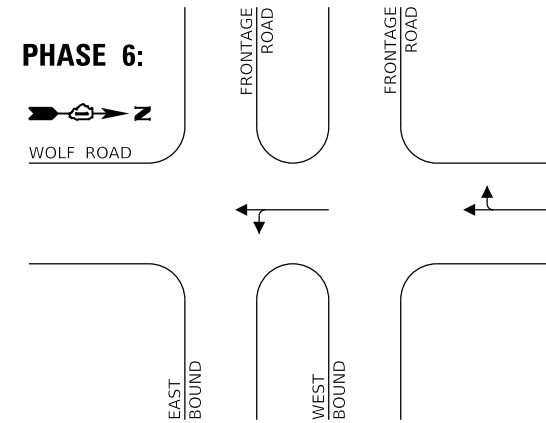
PROPOSED CONTROLLER SEQUENCE

RING STRUCTURE:

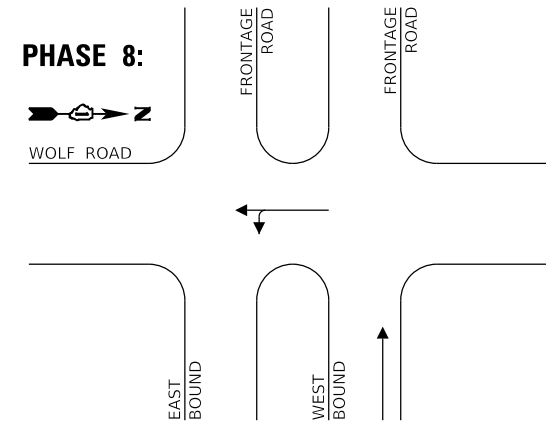
RING 1	2	4	6	8
RING 2				



PHASE 6:



PHASE 8:



LEGEND:

- ← VEHICLE PHASE OR OVERLAP
- ← - - - → PEDESTRIAN PHASE

FILE NAME =	USER NAME = zwallsten	DESIGNED - RJH	REVISED -
4755-180-sht-TS-Cable-Perm.dgn		DRAWN - ZCW	REVISED -
4755.18	PLOT SCALE = 1:20	CHECKED - RJH	REVISED -
Wolf @ Frontage Nema Chart	PLOT DATE = 6/5/2023	DATE - 5/24/2023	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	102
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J53	

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	11
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	26
* MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	215
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	229
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	28
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
** TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
RELOCATE SIGN PANEL - TYPE 1	SQ FT	6
REBUILD EXISTING HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

*INCLUDES MAINTENANCE OF RED AVIATION LIGHT SYSTEM

**TRAFFIC SIGNAL BACKPLATES SHALL NOT HAVE YELLOW RETROREFLECTIVE STRIP, TO MATCH EXISTING SIGNALS

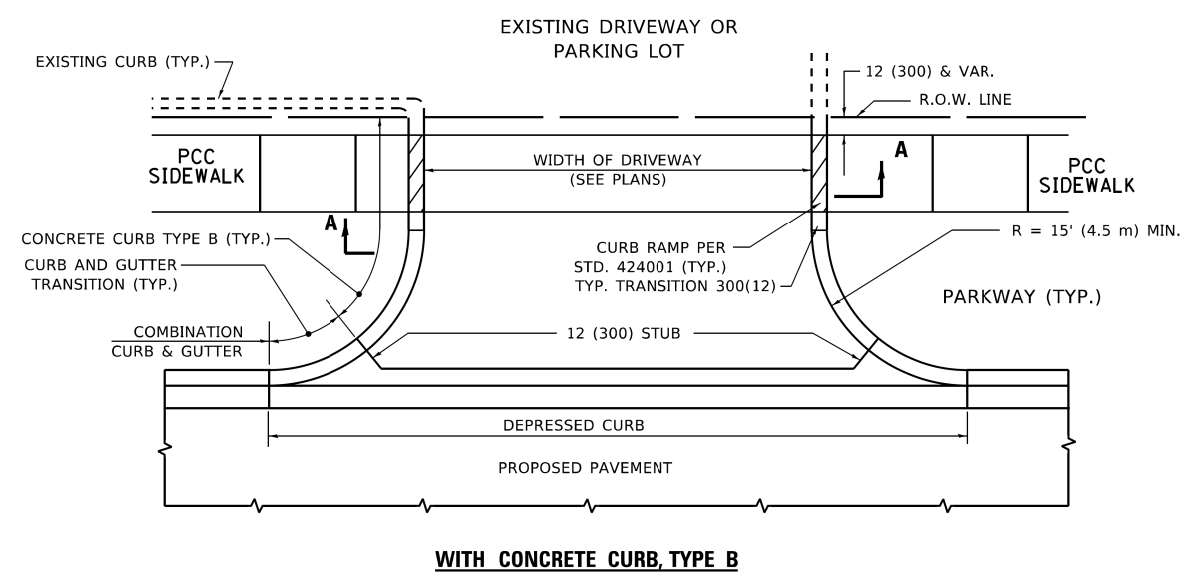
FILE NAME =	USER NAME = mvasak	DESIGNED - RJH	REVISED -
4755-180-sh-t-Signage.dgn		DRAWN - ZCW	REVISED -
4755.18	PLOT SCALE = 1:20	CHECKED - RJH	REVISED -
Wolf @ Frontage	PLOT DATE = 12/4/2023	DATE - 12/4/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

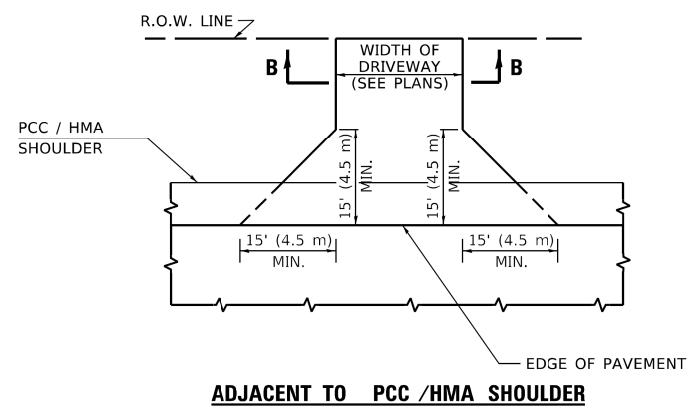
**MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
WOLF ROAD AT PALATINE ROAD FRONTAGE ROADS**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

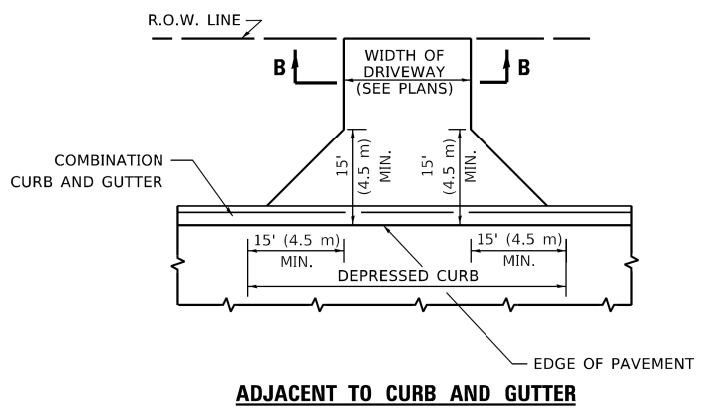
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	103
			CONTRACT NO. 61J53	
		ILLINOIS	FED. AID PROJECT	



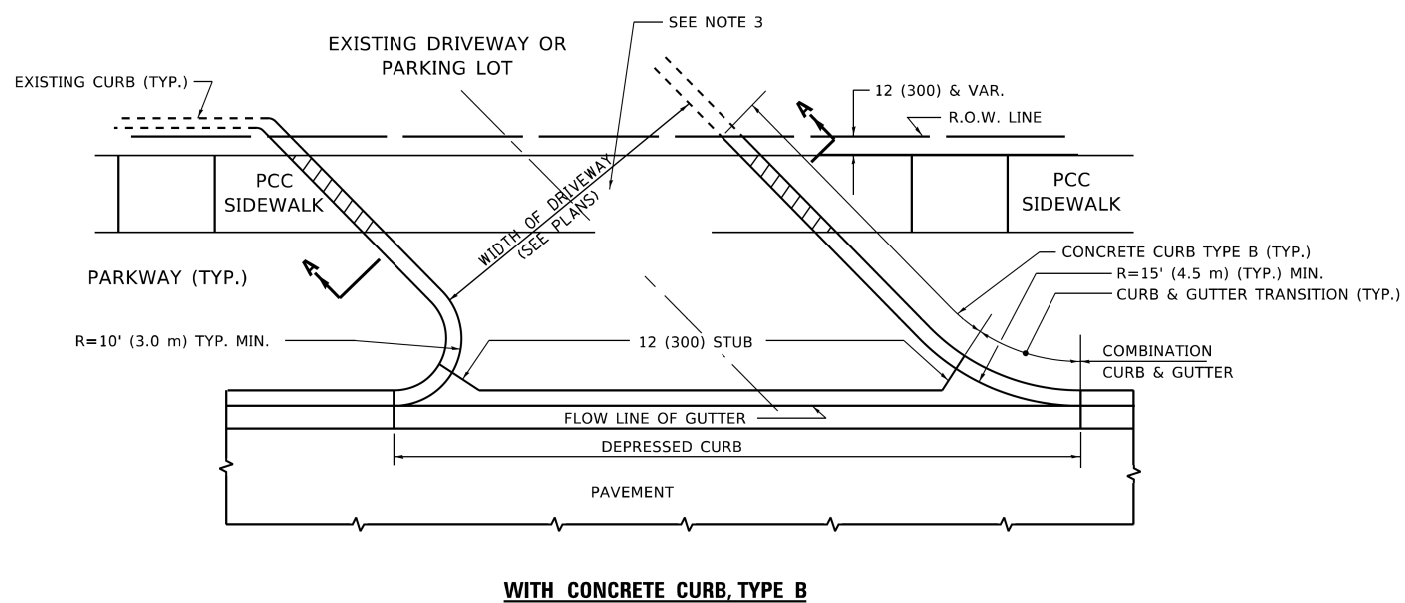
WITH CONCRETE CURB, TYPE B



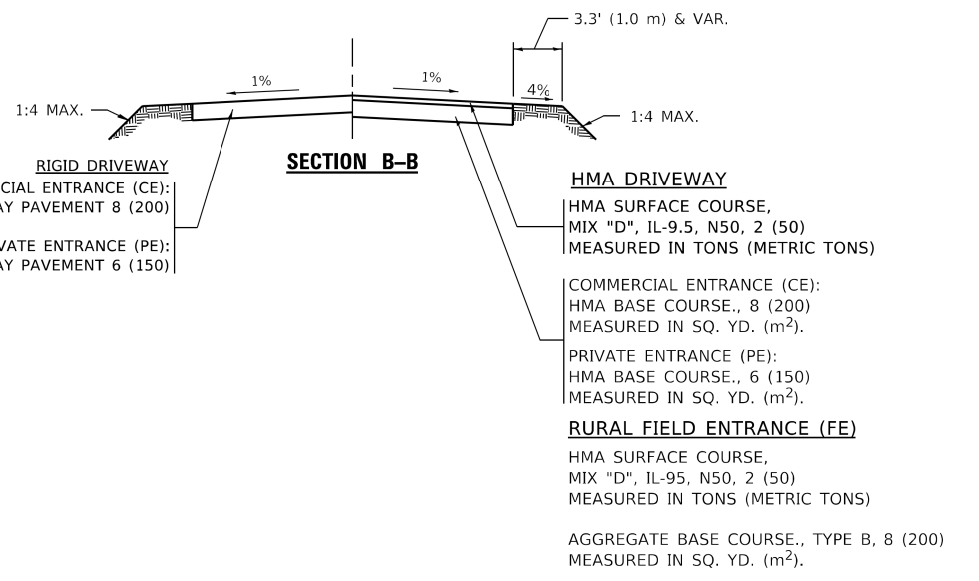
ADJACENT TO PCC /HMA SHOULDER



ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B



SECTION B-B

RIGID DRIVEWAY
 COMMERCIAL ENTRANCE (CE):
 PCC DRIVEWAY PAVEMENT 8 (200)
 MEASURED IN SQ. YD. (m²)
 PRIVATE ENTRANCE (PE):
 PCC DRIVEWAY PAVEMENT 6 (150)
 MEASURED IN SQ. YD. (m²)

SECTION A-A

HMA DRIVEWAY
 HMA SURFACE COURSE,
 MIX "D", IL-9.5, N50, 2 (50)
 MEASURED IN TONS (METRIC TONS)
 COMMERCIAL ENTRANCE (CE):
 HMA BASE COURSE, 8 (200)
 MEASURED IN SQ. YD. (m²).
 PRIVATE ENTRANCE (PE):
 HMA BASE COURSE, 6 (150)
 MEASURED IN SQ. YD. (m²).
 25 (1) PREFORMED
 EXPANSION JOINT
 FILLER (TYP.)

GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

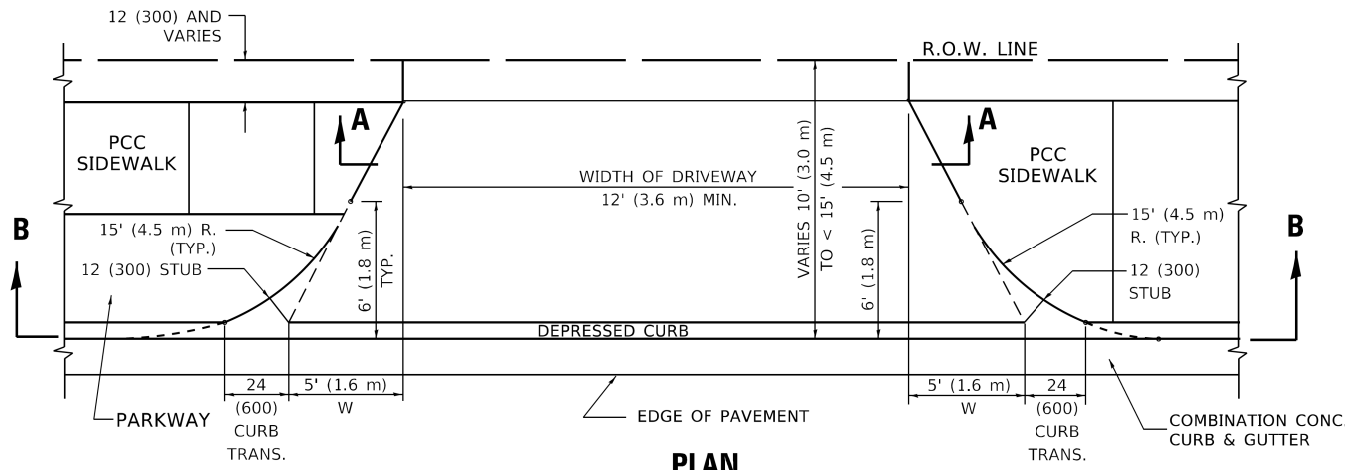
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USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08
	DRAWN -	REVISED - R. BORO 09-06-11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 08-28-19
PLOT DATE = 11/18/2022	DATE - 11-04-95	REVISED - K. SMITH 11-18-22

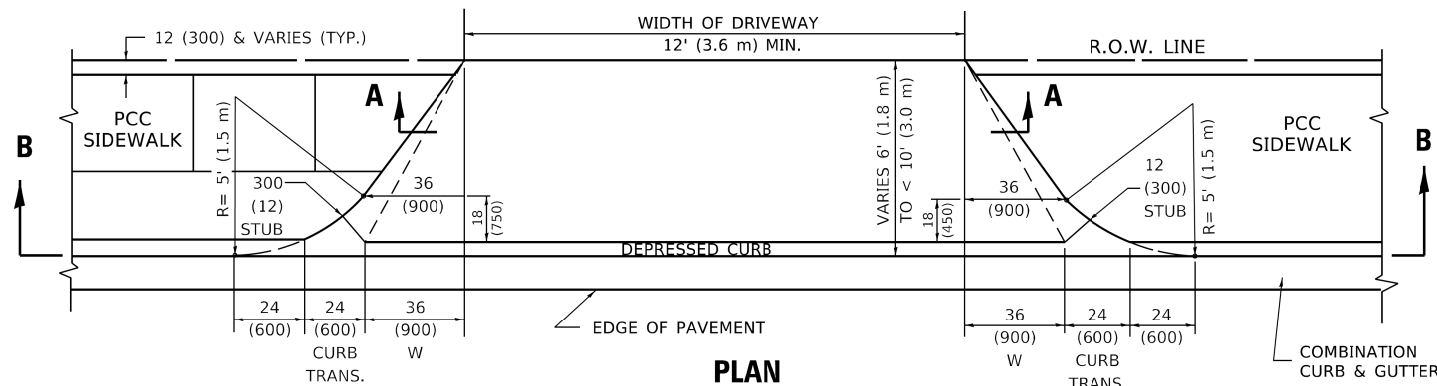
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.
 AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)**
 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

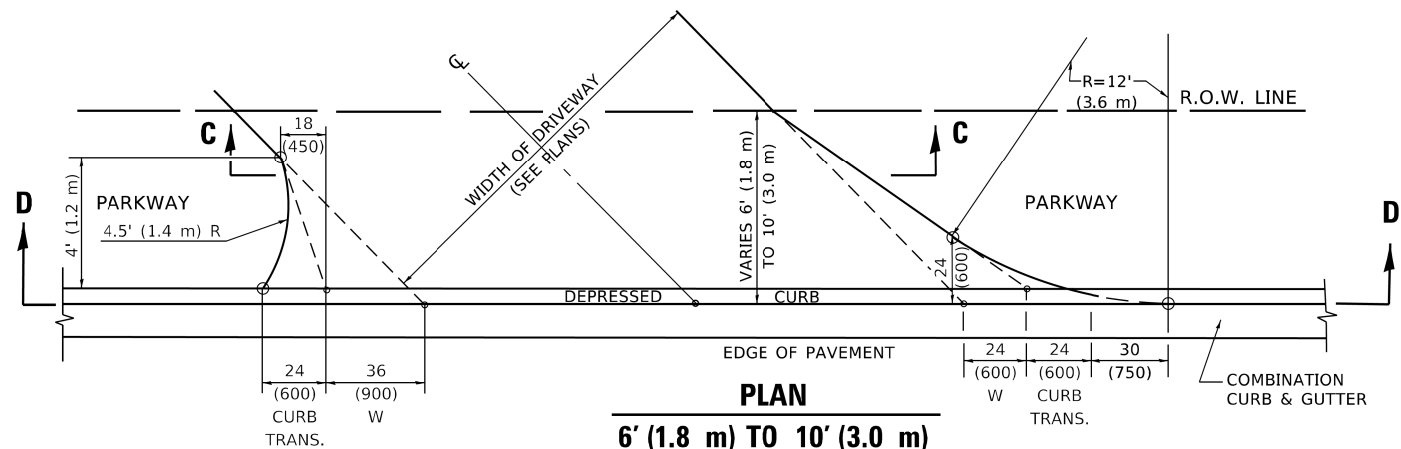
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-SW	COOK	158	104
BD400-01 (BD-01)		CONTRACT NO.	61J53	
		ILLINOIS FED. AID PROJECT		



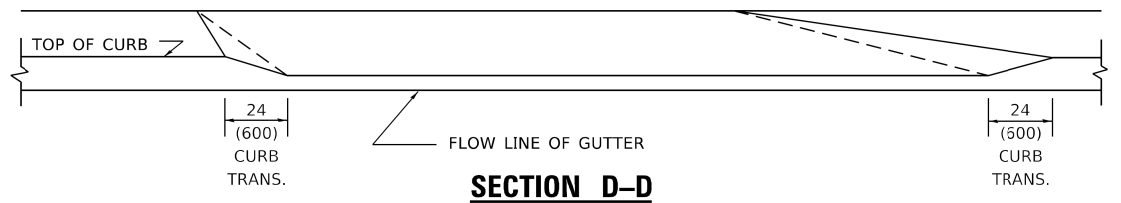
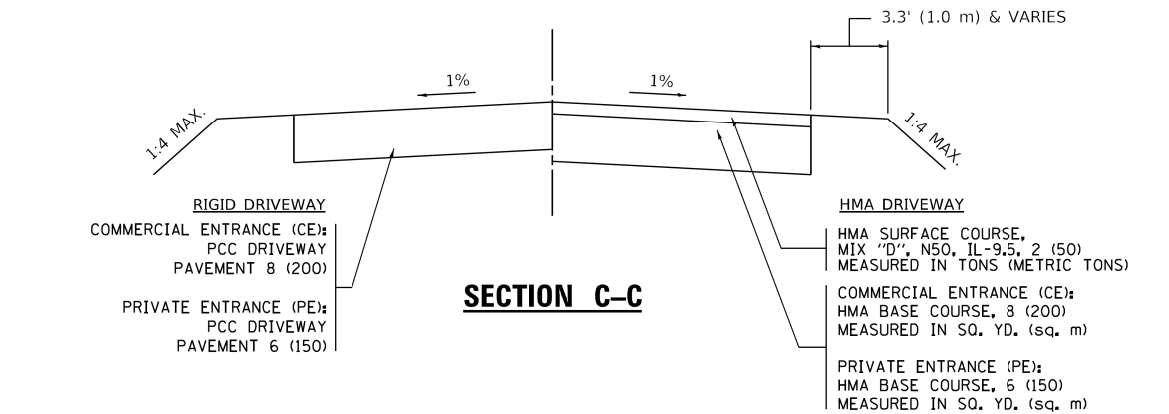
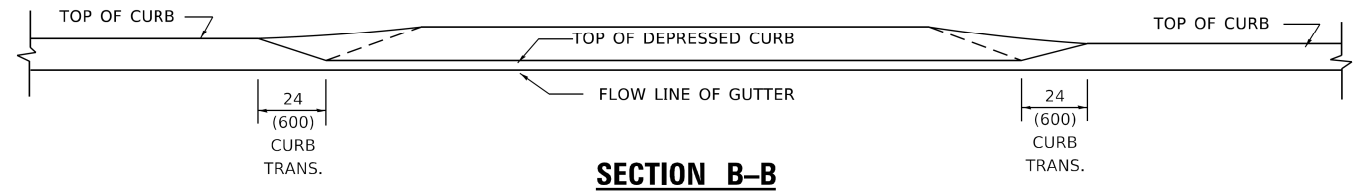
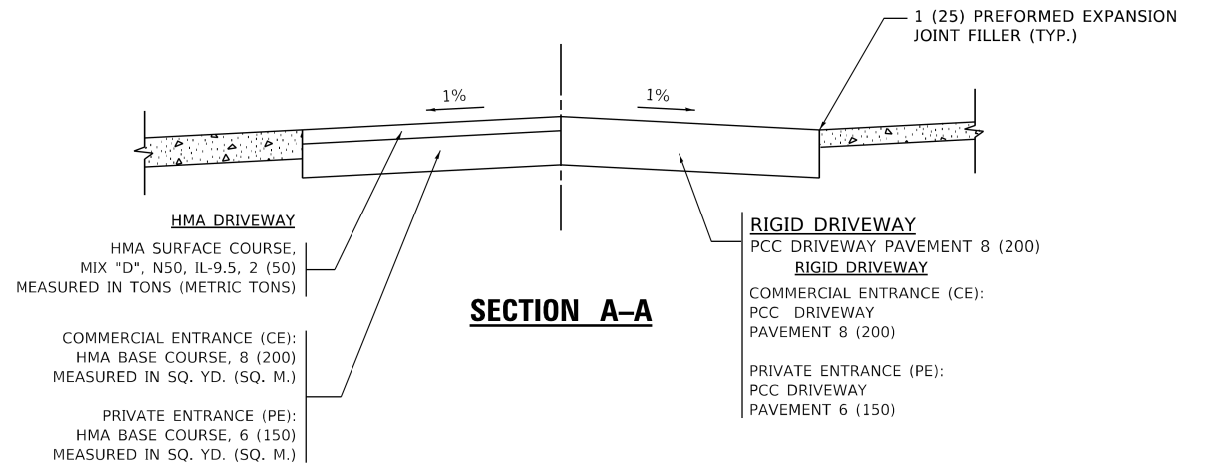
PLAN
10' (3.0 m) TO < 15' (4.5 m)



PLAN
6' (1.8 m) TO < 10' (3.0 m)



PLAN
6' (1.8 m) TO 10' (3.0 m)



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
- WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
- "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

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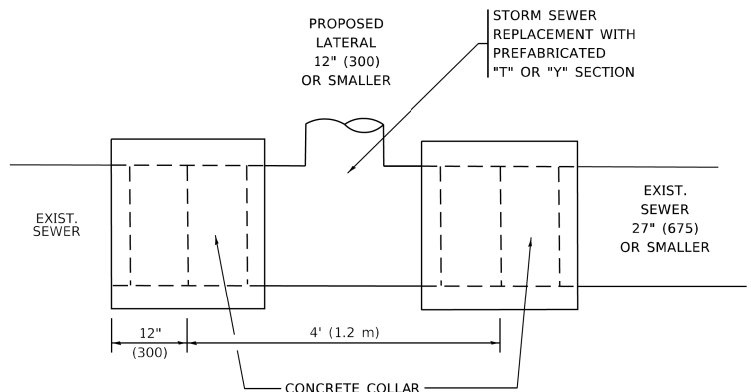
USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
	DRAWN -	REVISED - R. BORO 09-06-11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 08-27-19
PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)**

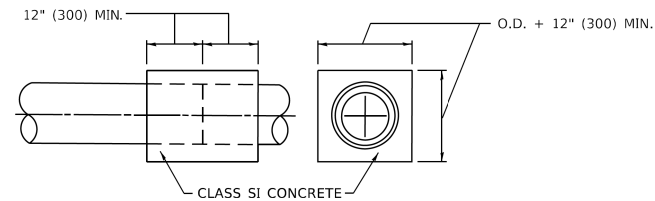
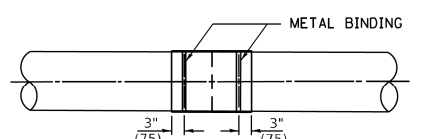
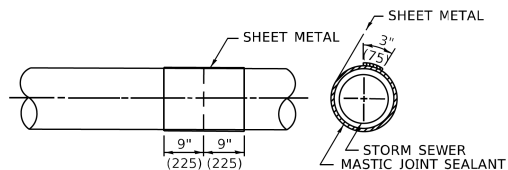
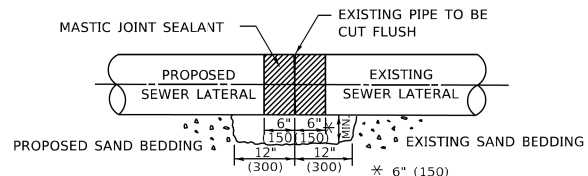
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-5W	COOK	158	105
BD400-02 (BD-02)		CONTRACT NO. 61J53		
ILLINOIS FED. AID PROJECT				



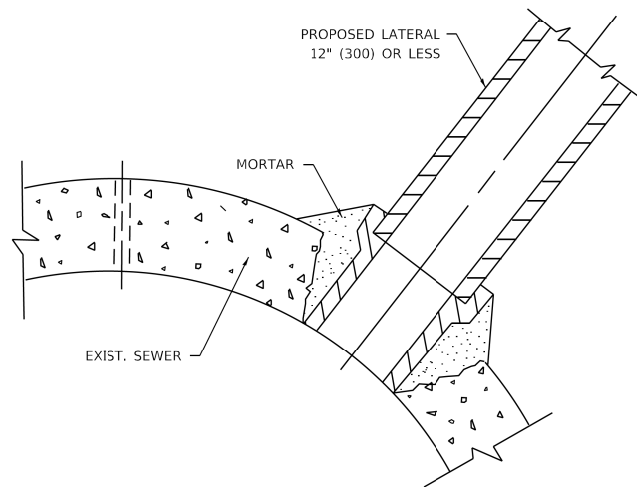
DETAIL "A"

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 OZZES 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.

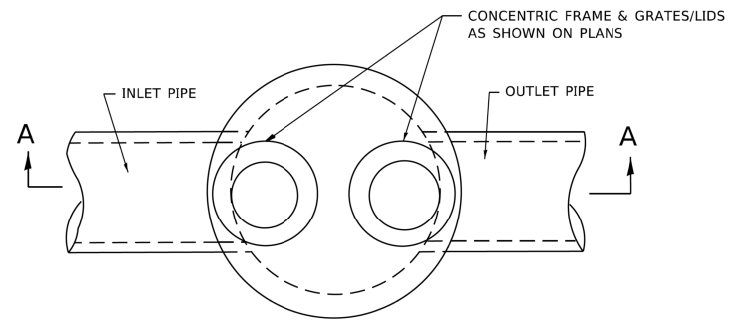
BASIS OF PAYMENT

- 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.

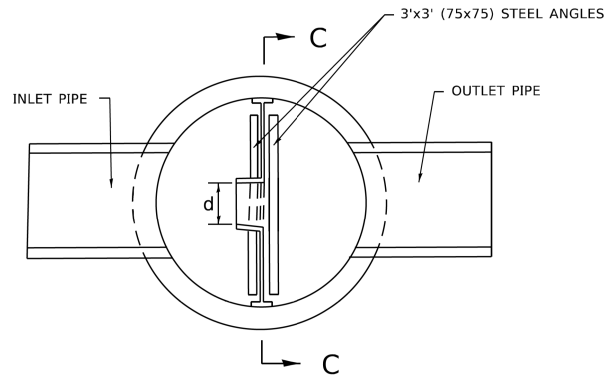
* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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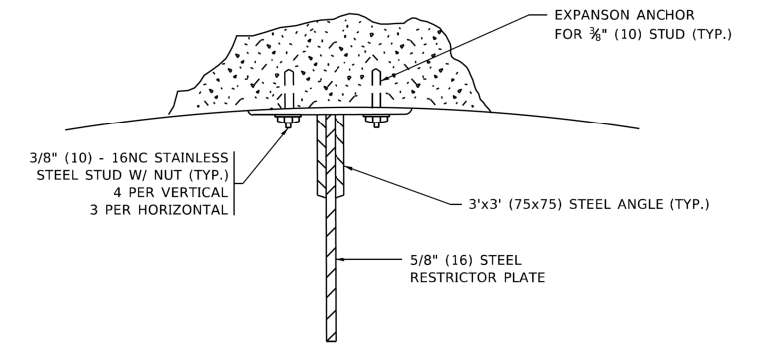
USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN -	REVISIONS - R. SHAH 10-25-94	REVISED - R. SHAH 06-12-96		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	19-00054-00-SW	COOK	158	106
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22					BD500-01 (BD-07)		CONTRACT NO. 61J53			
PLOT DATE = 11/18/2022	DATE - 07-25-90								ILLINOIS FED. AID PROJECT			



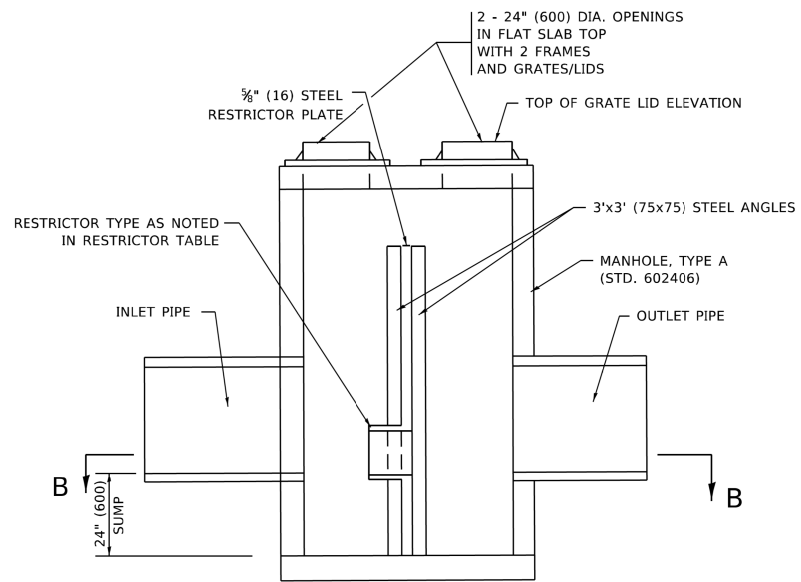
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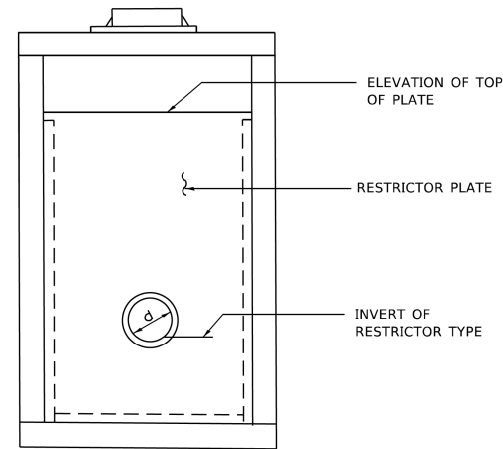
SECTION B-B



ANGLE FASTENER DETAIL



SECTION A-A



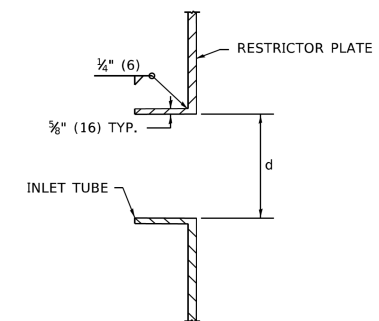
SECTION C-C

NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

BASIS OF PAYMENT:

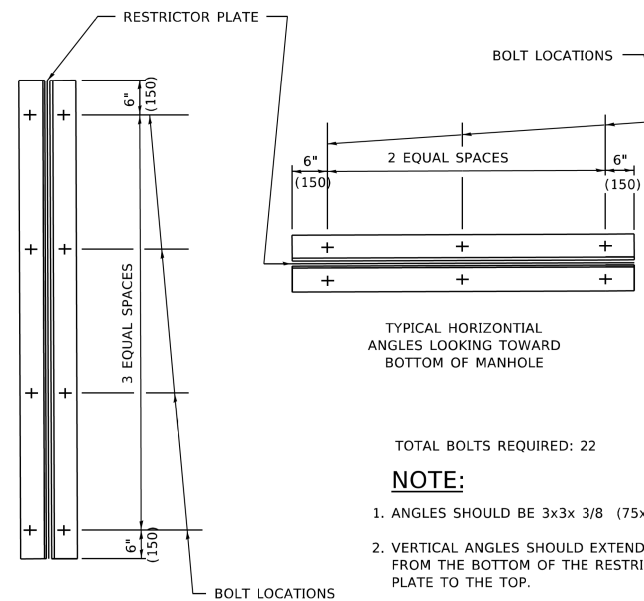
1. TO BE PAID FOR AS "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



INLET TUBE DETAIL

STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
156+71.72, 7.70' RT	6'	TYPE 1, CLOSED LID	2	24"	642.03	644.45

(IDOT REQUIRED)



STEEL ANGLE BOLTING DETAILS

TYPICAL HORIZONTAL ANGLES LOOKING TOWARD BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

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

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USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 11/18/2022	CHECKED -	REVISED - M. GOMEZ 01-08-01
	DATE - 09-09-94	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MANHOLE WITH
RESTRICTOR PLATE**

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

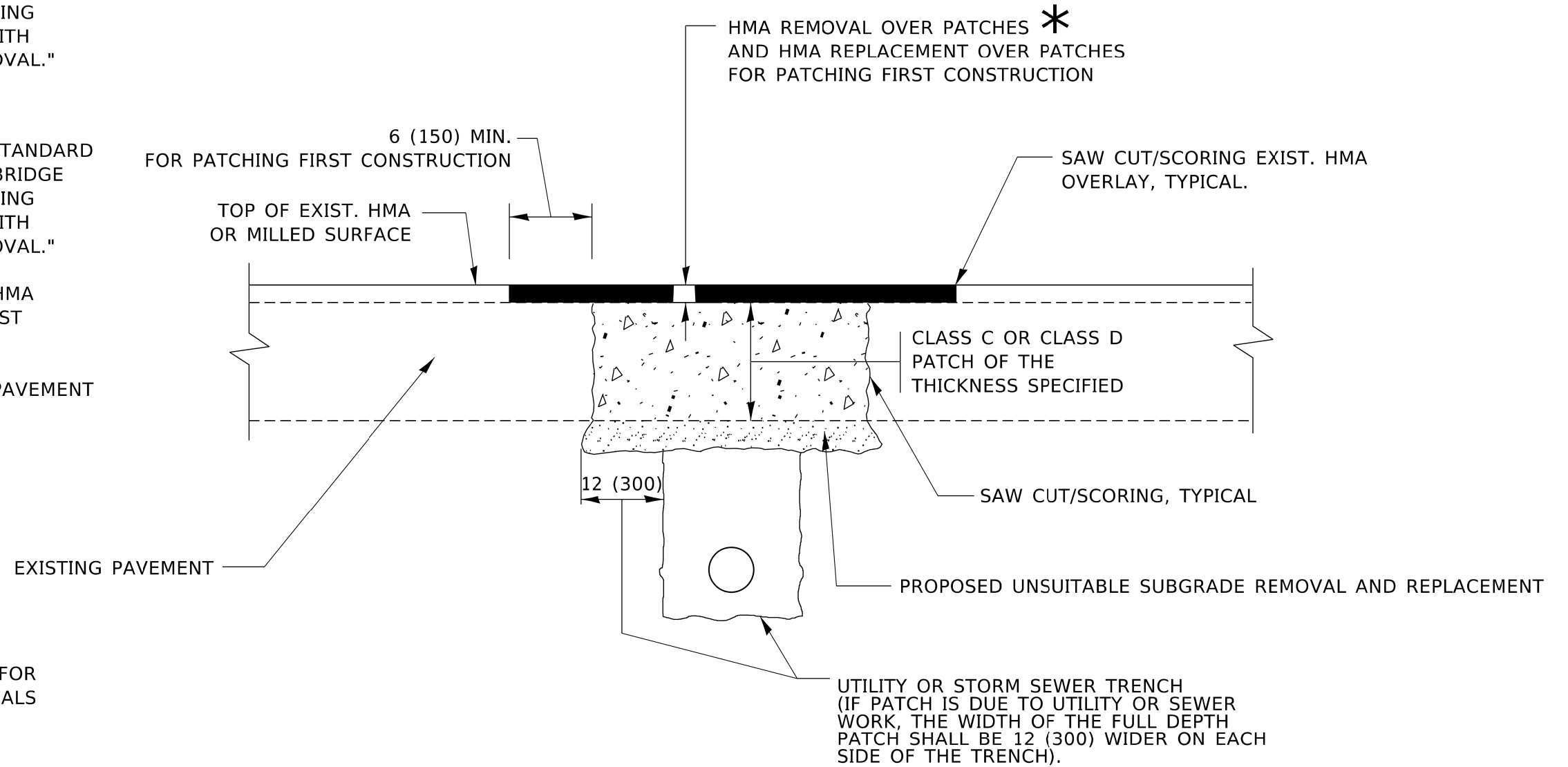
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-SW	COOK	158	107
BD600-04		(BD-12)	CONTRACT NO. 61153	
ILLINOIS FED. AID PROJECT				

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL: Default
FILE: M:\11182022\11182022.dwg
PROJECT: 19-00054-00-SW
DRAWN: R. BORO
CHECKED: K. ENG
DATE: 10-25-94
REVISED: R. BORO 09-04-07
REVISED: K. ENG 10-27-08
REVISED: K. SMITH 11-18-22

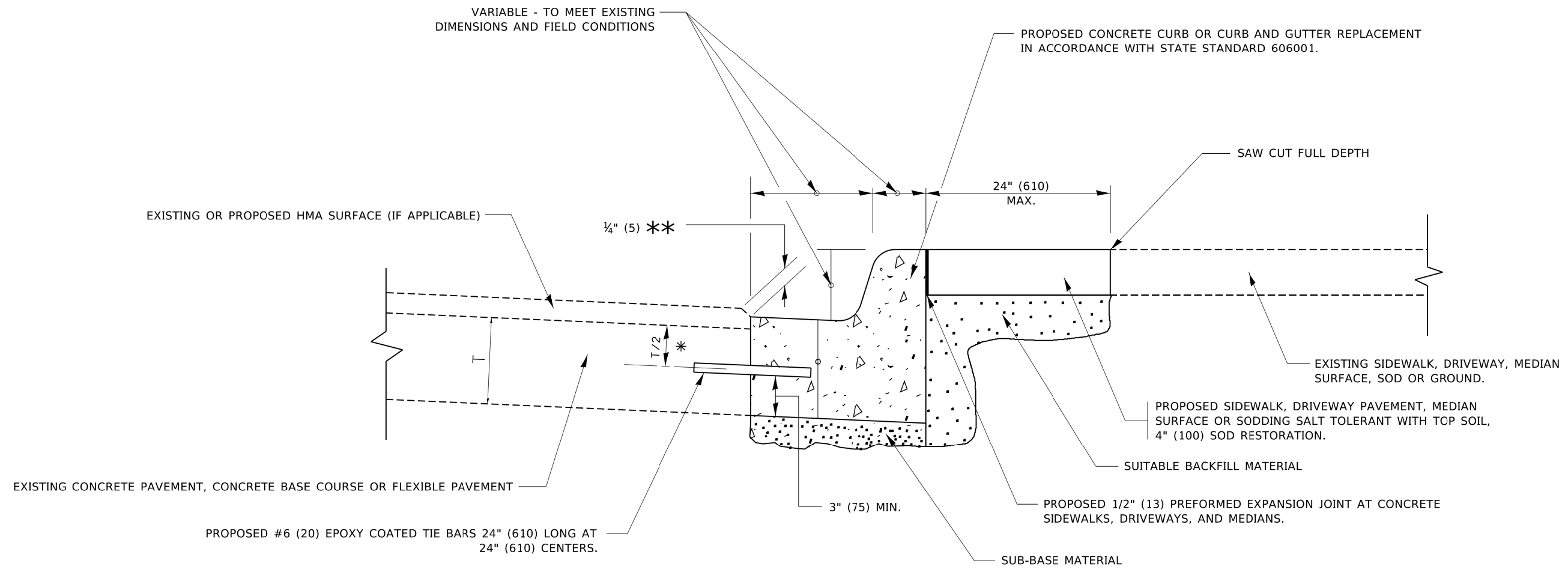
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PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-SW	COOK	158	108
BD400-04 (BD-22)			CONTRACT NO. 61153	
ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

MODEL: Default
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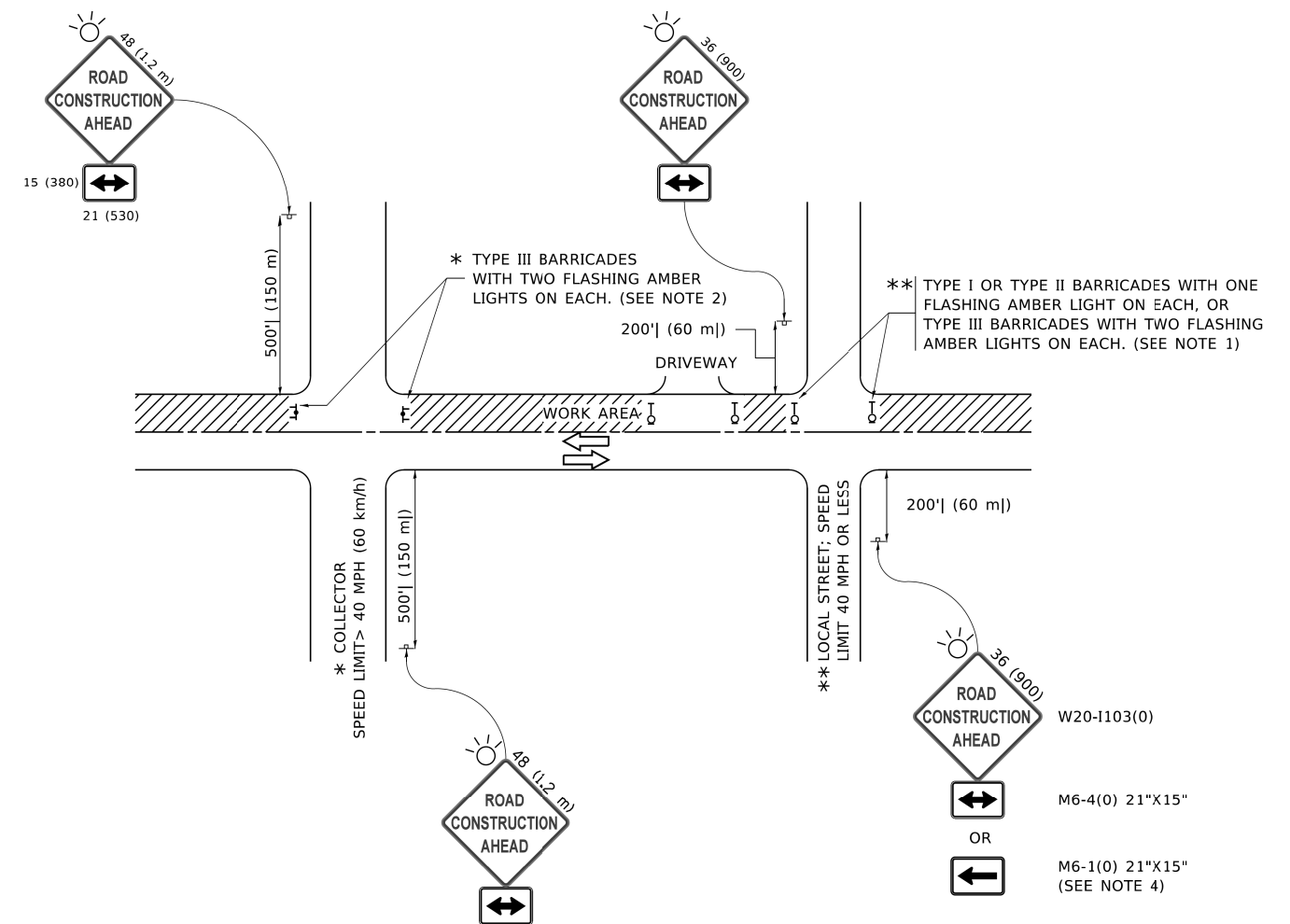
USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-SW	COOK	158	109
BD600-06 (BD-24)			CONTRACT NO. 61J53	
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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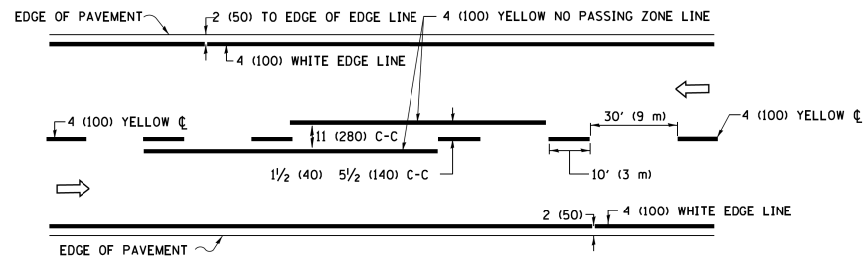
USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

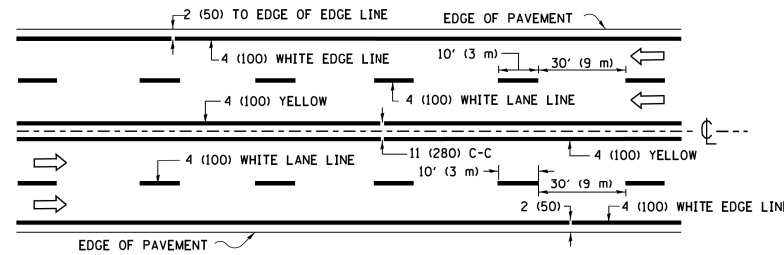
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

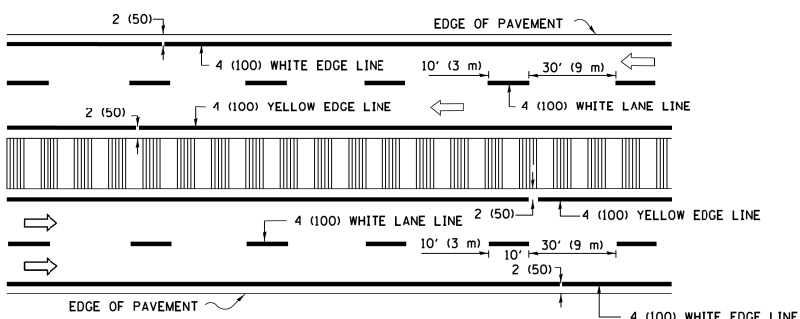
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-SW	COOK	158	110
TC-10			CONTRACT NO. 61J53	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

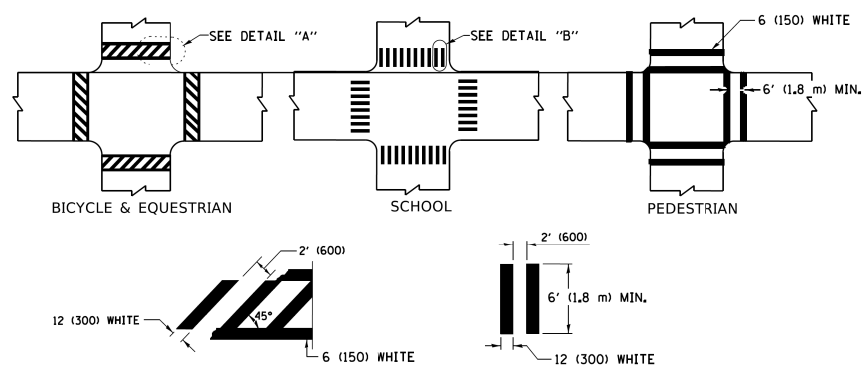


MULTI-LANE UNDIVIDED



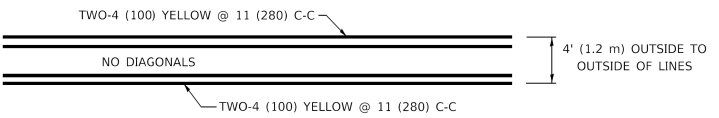
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

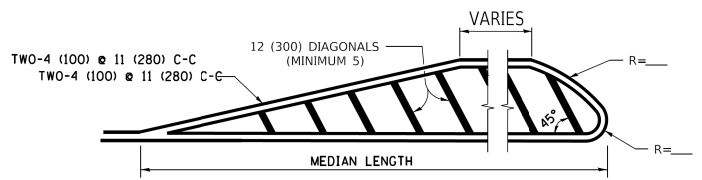


TYPICAL CROSSWALK MARKING

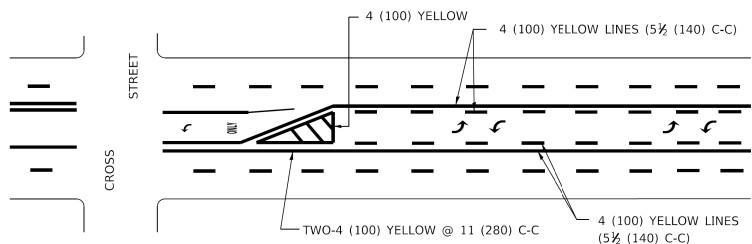
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



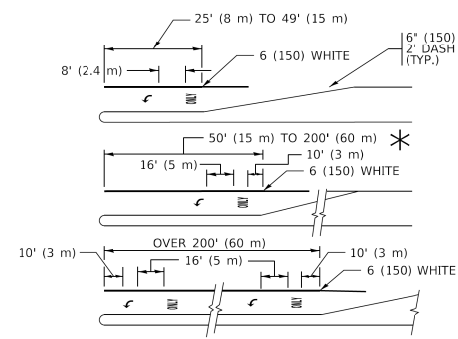
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



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

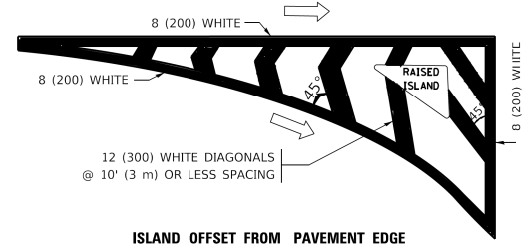


TYPICAL LEFT (OR RIGHT) TURN LANE

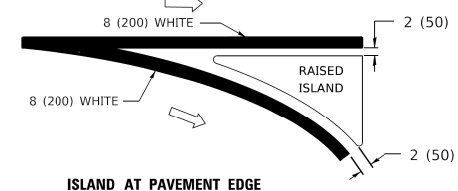
TYPICAL TURN LANE MARKING

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)

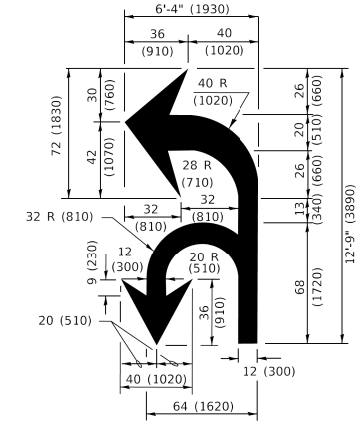
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



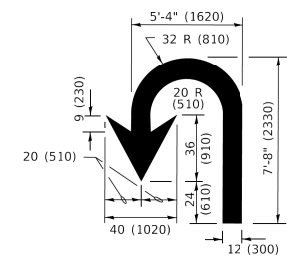
ISLAND OFFSET FROM PAVEMENT EDGE



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 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" IS 6' (1.8 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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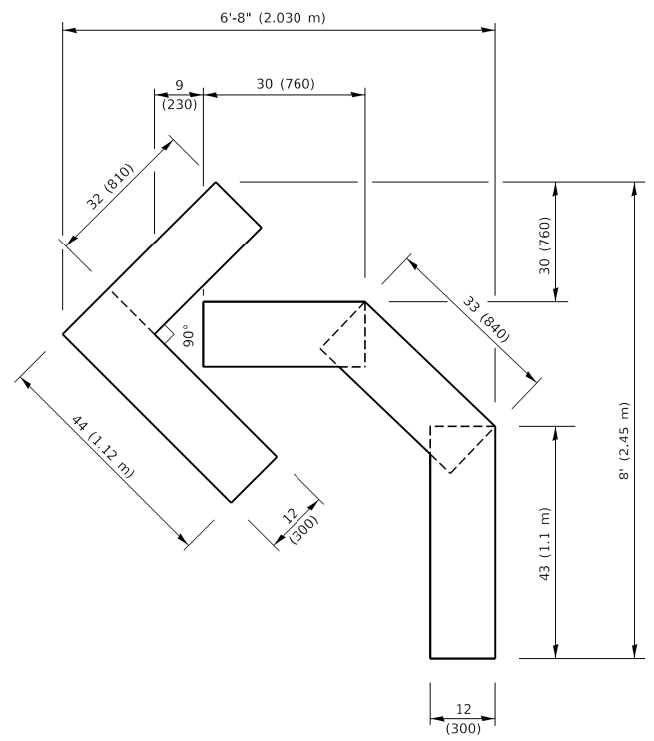
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	- DRAWN	- C. JUCIUS 07-01-13
	- CHECKED	- C. JUCIUS 12-21-15
	- DATE	- C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

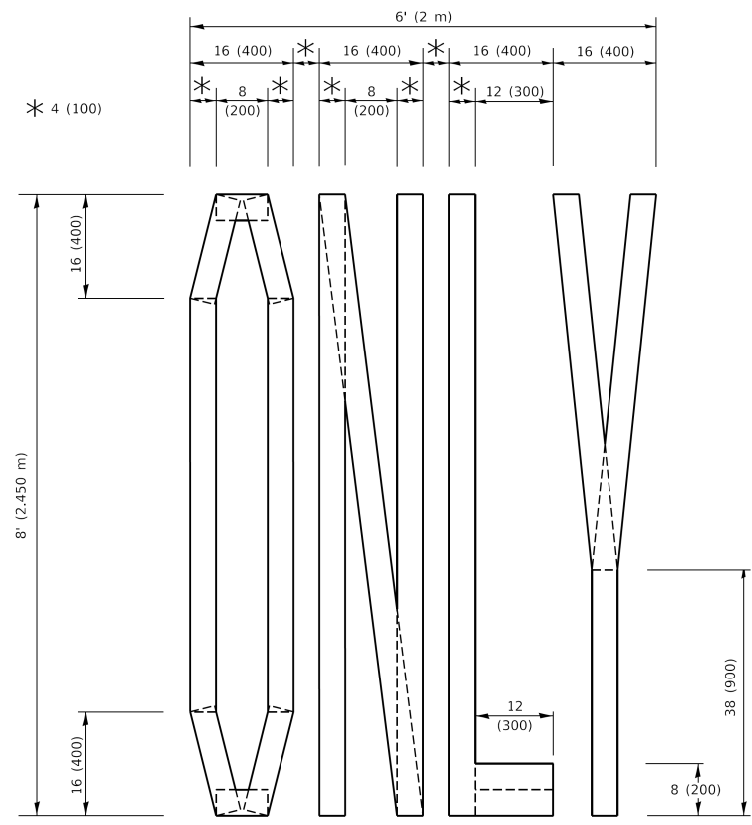
DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.
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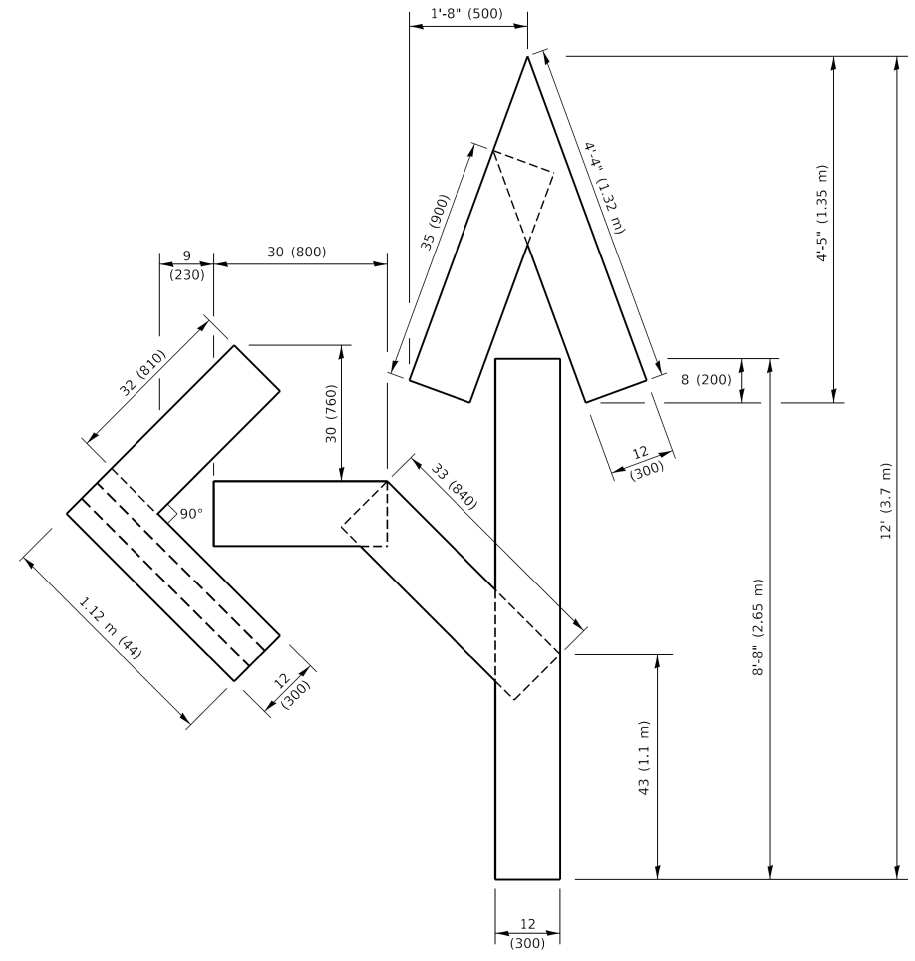
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-SW	COOK	158	111
TC-13			CONTRACT NO. 61J53	
ILLINOIS FED. AID PROJECT				



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

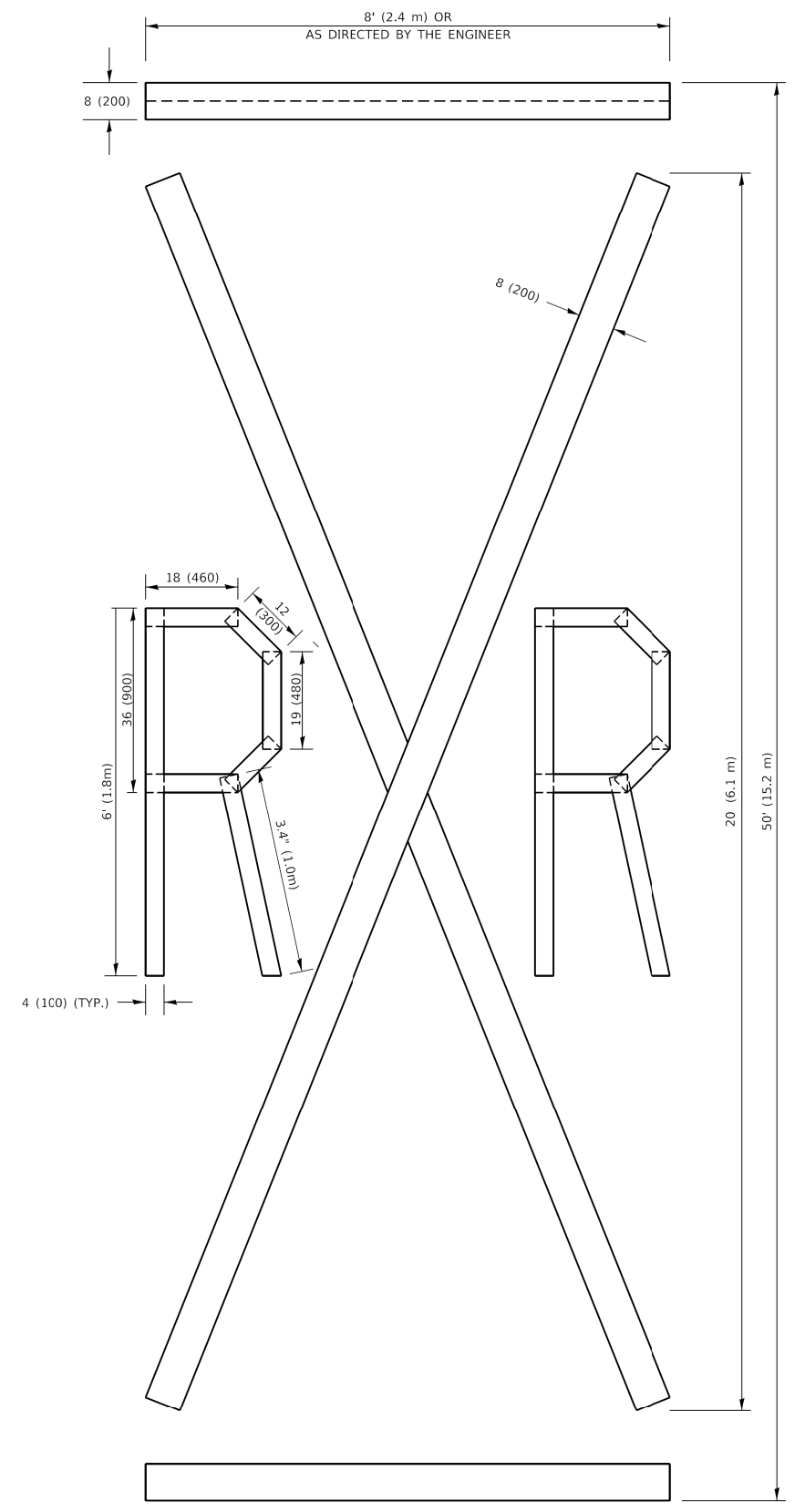


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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.

MODEL: Default
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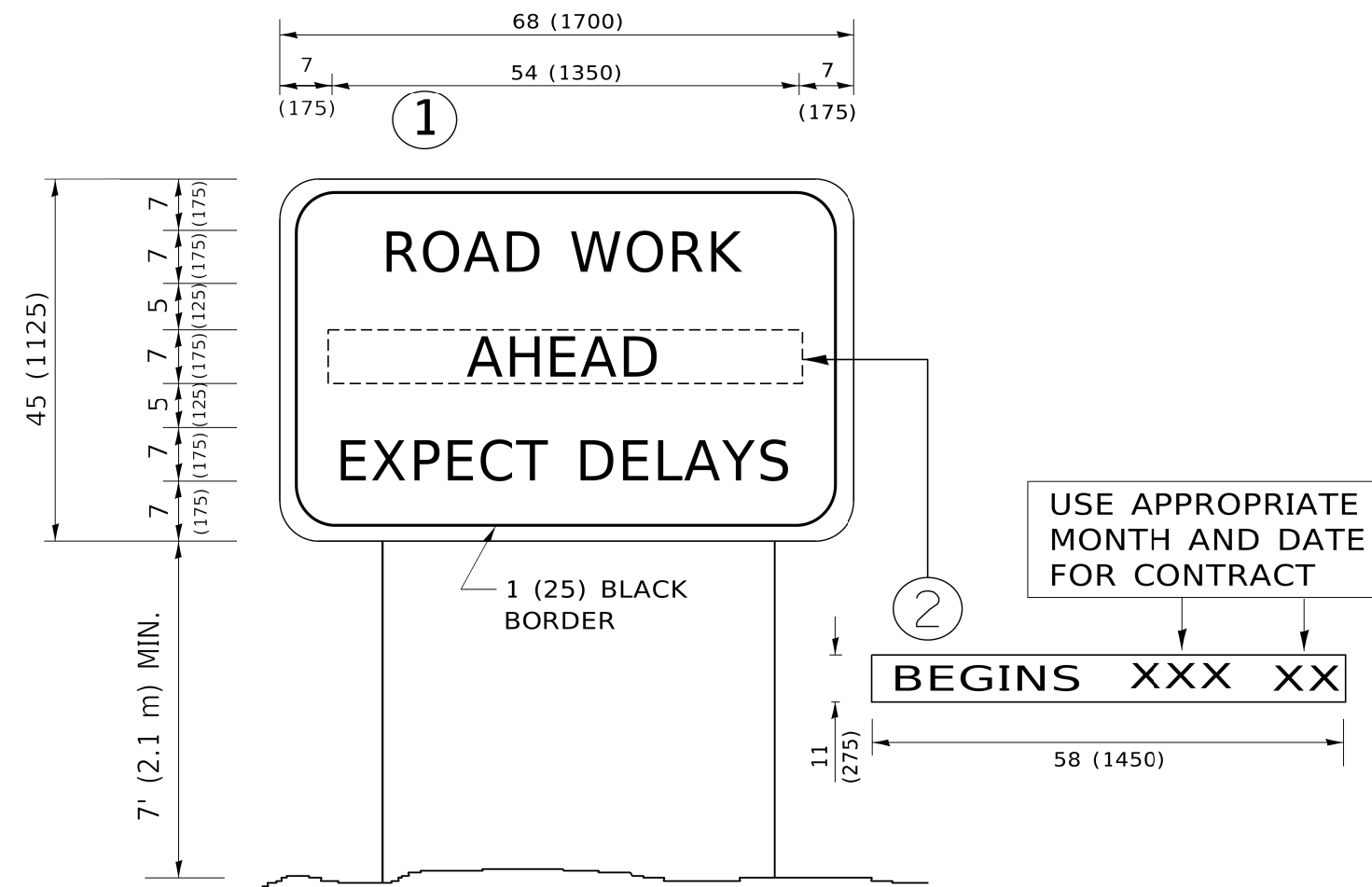
USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 50.0068" / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-SW	COOK	158	112
TC-16		CONTRACT NO. 61J53		
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.

MODEL: Default
FILE: \\marte-pw\ill084EBIDNTEG\Illinois.gov\PIWDOT\Documents\DOT_Offices\District_1\Projects\DUH\S22\2-31\CADD\ba\CAD\sheet122.dgn

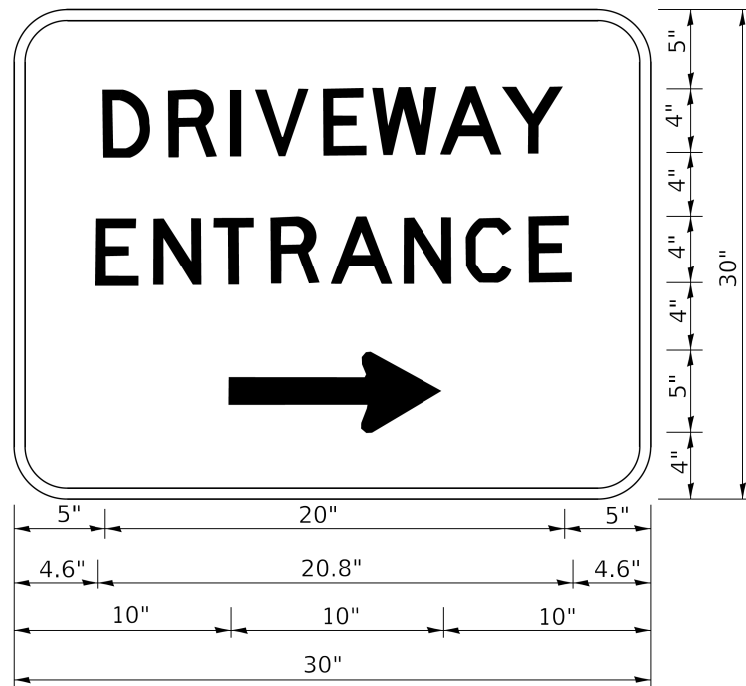
USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / ft.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-SW	COOK	158	113
TC-22			CONTRACT NO. 61J53	
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".

MODEL: Default
 FILE: Model_Planplan.com.dwg
 ILLINOIS: gov:PWIDOT:Documents\DOT_Offices\District_1\Projects\GIS\454272-31\CAD\Drawn\CADsheets\126.dwg

USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

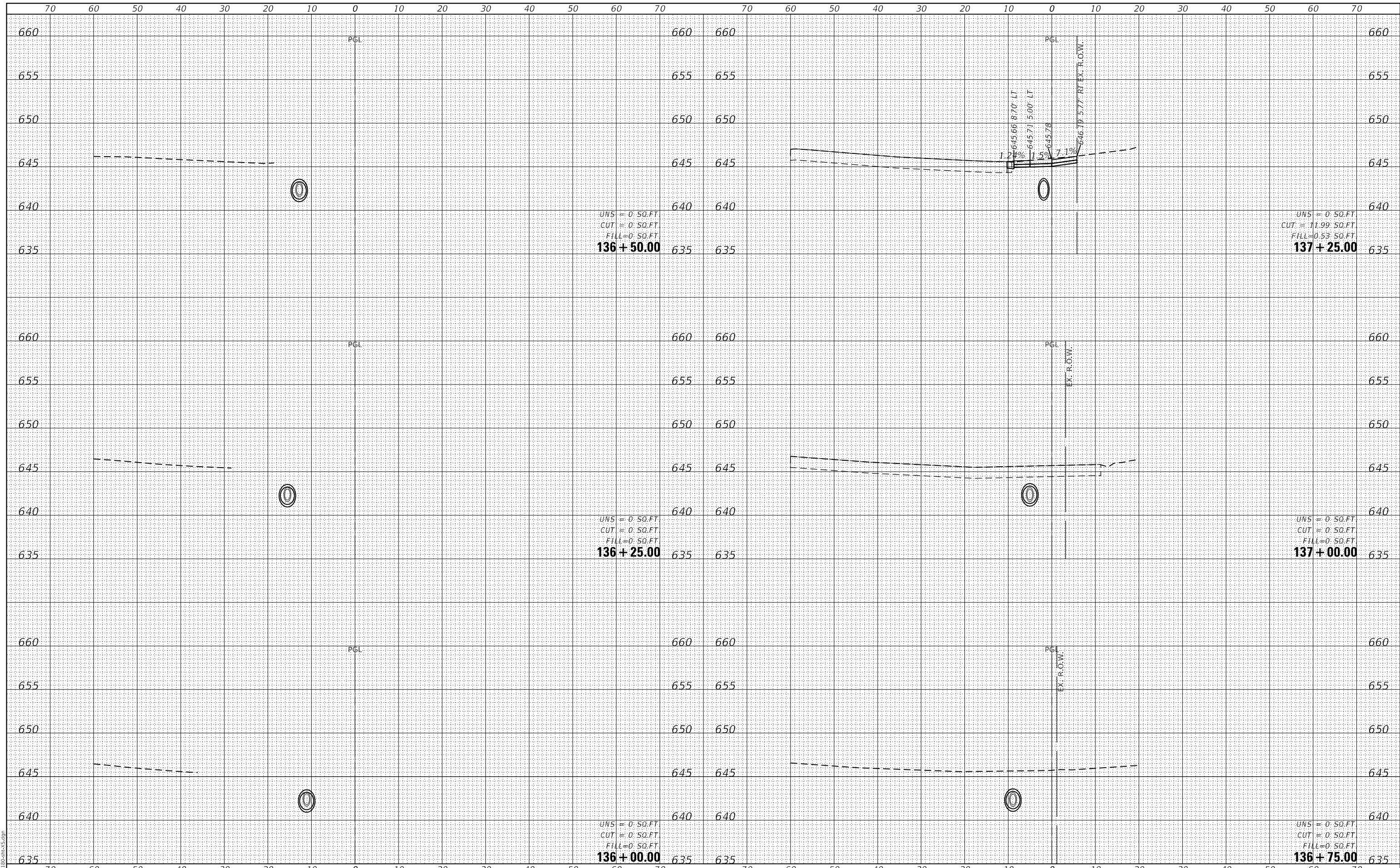
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00054-00-SW	COOK	158	114
TC-26			CONTRACT NO. 61J53	
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_1
 FILE NAME: 4755-180-00-00-00.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_1	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

UNSW = 0.50.FT
CUT = 0.50.FT
FILL = 0.50.FT
136 + 50.00

UNSW = 0.50.FT
CUT = 0.50.FT
FILL = 0.50.FT
136 + 25.00

UNSW = 0.50.FT
CUT = 0.50.FT
FILL = 0.50.FT
137 + 25.00

UNSW = 0.50.FT
CUT = 0.50.FT
FILL = 0.50.FT
137 + 00.00

UNSW = 0.50.FT
CUT = 0.50.FT
FILL = 0.50.FT
136 + 75.00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WOLF ROAD SIDEWALK**

SCALE: H:1"=10' SHEET 1 OF 44 SHEETS STA. 136+00.00 TO STA. 137+25.00

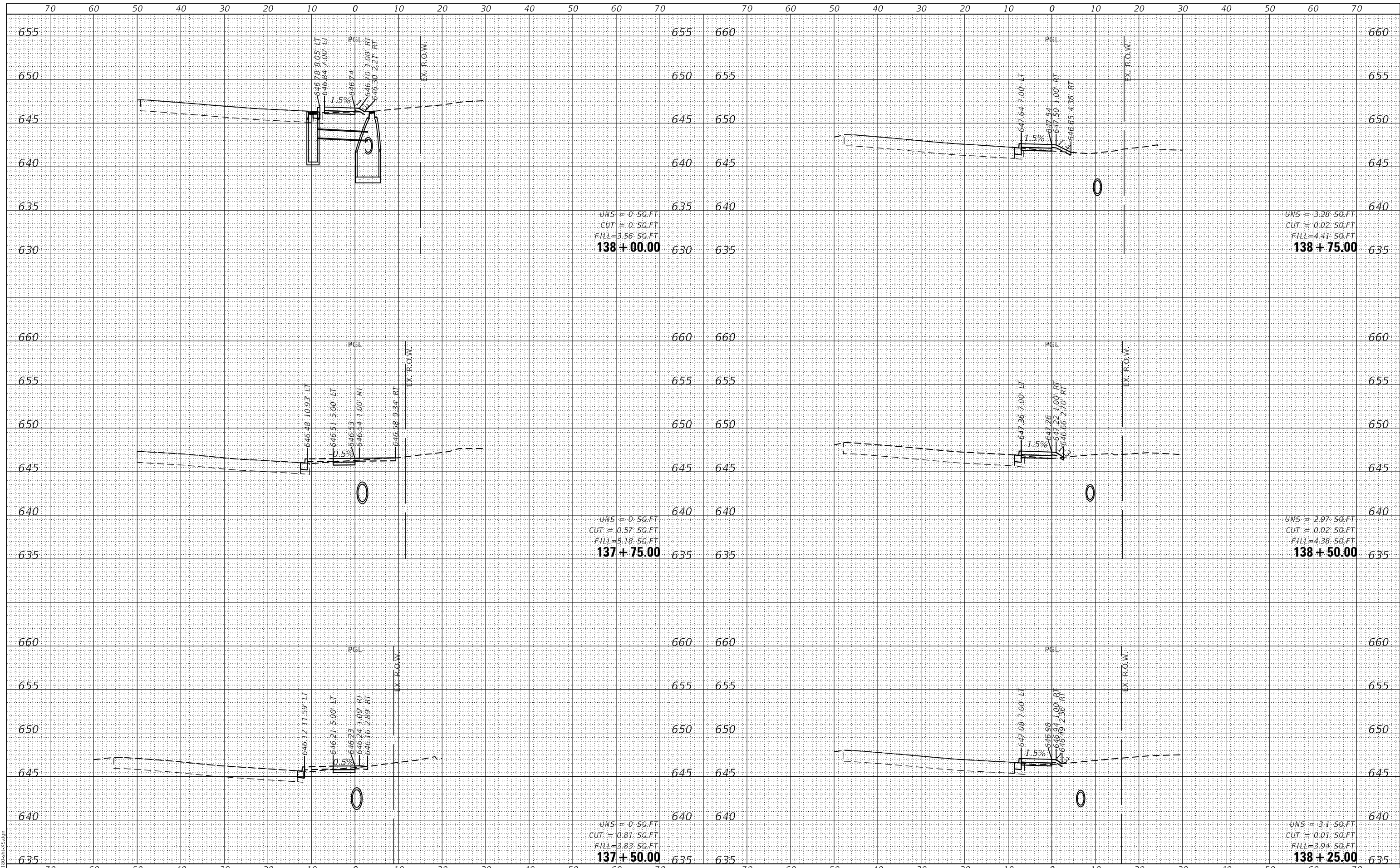
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	115
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_2
 FILE NAME: 4755-180-SHT.dgn



UNS = 0.50 FT
 CUT = 0.50 FT
 FILL = 3.56 FT
137 + 00.00

UNS = 0.50 FT
 CUT = 0.57 FT
 FILL = 5.18 FT
137 + 75.00

UNS = 0.81 FT
 CUT = 0.81 FT
 FILL = 3.83 FT
137 + 50.00

UNS = 3.28 FT
 CUT = 0.02 FT
 FILL = 4.41 FT
138 + 75.00

UNS = 2.97 FT
 CUT = 0.02 FT
 FILL = 4.38 FT
138 + 50.00

UNS = 3.1 FT
 CUT = 0.01 FT
 FILL = 3.94 FT
138 + 25.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_2	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
WOLF ROAD SIDEWALK
 SCALE: H:1"=10'
 SHEET 2 OF 44 SHEETS
 STA. 137+50.00 TO STA. 138+75.00
 V:1"=5'

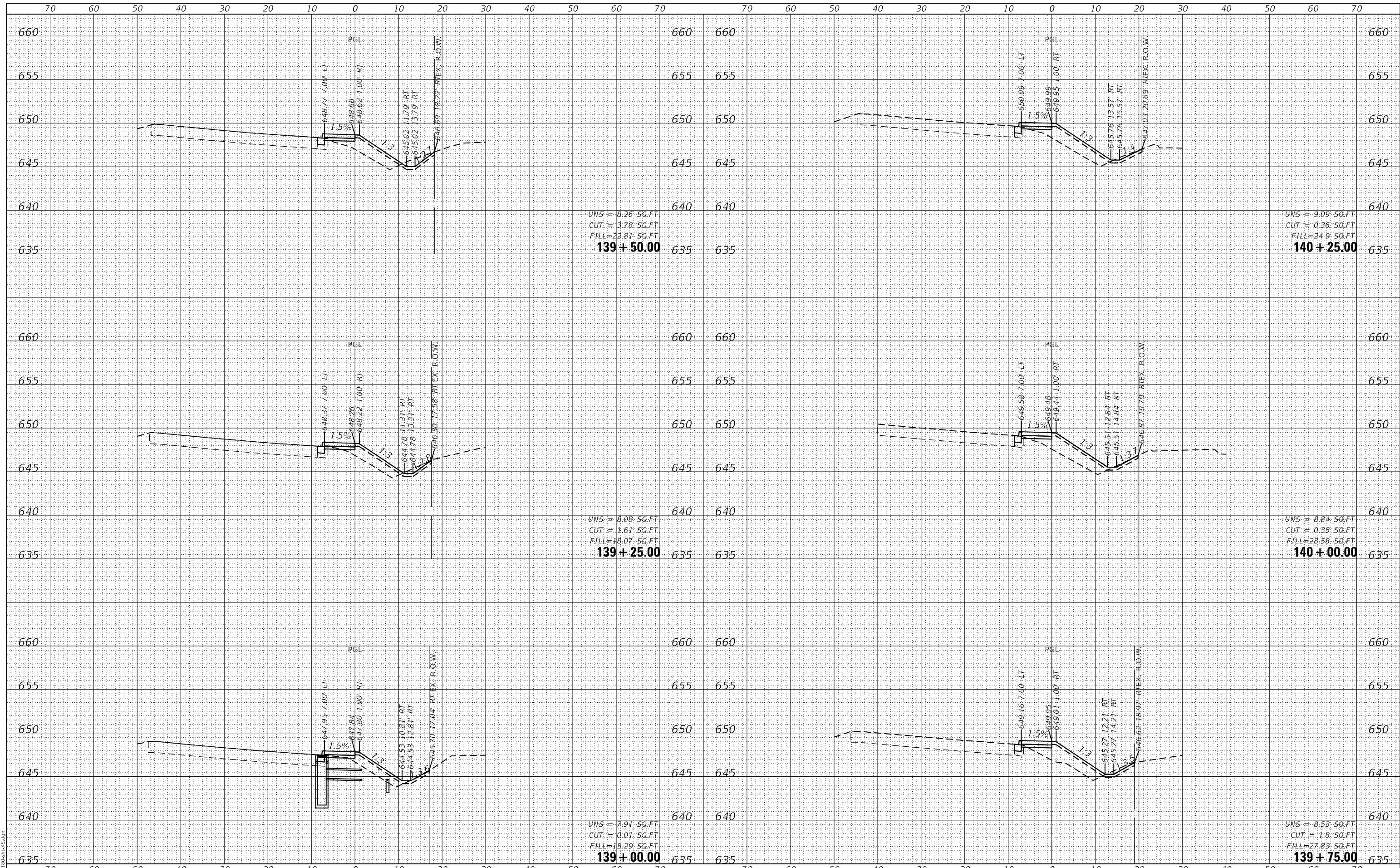
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	116
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_3
 FILE NAME: 4755-180-SW.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_3	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

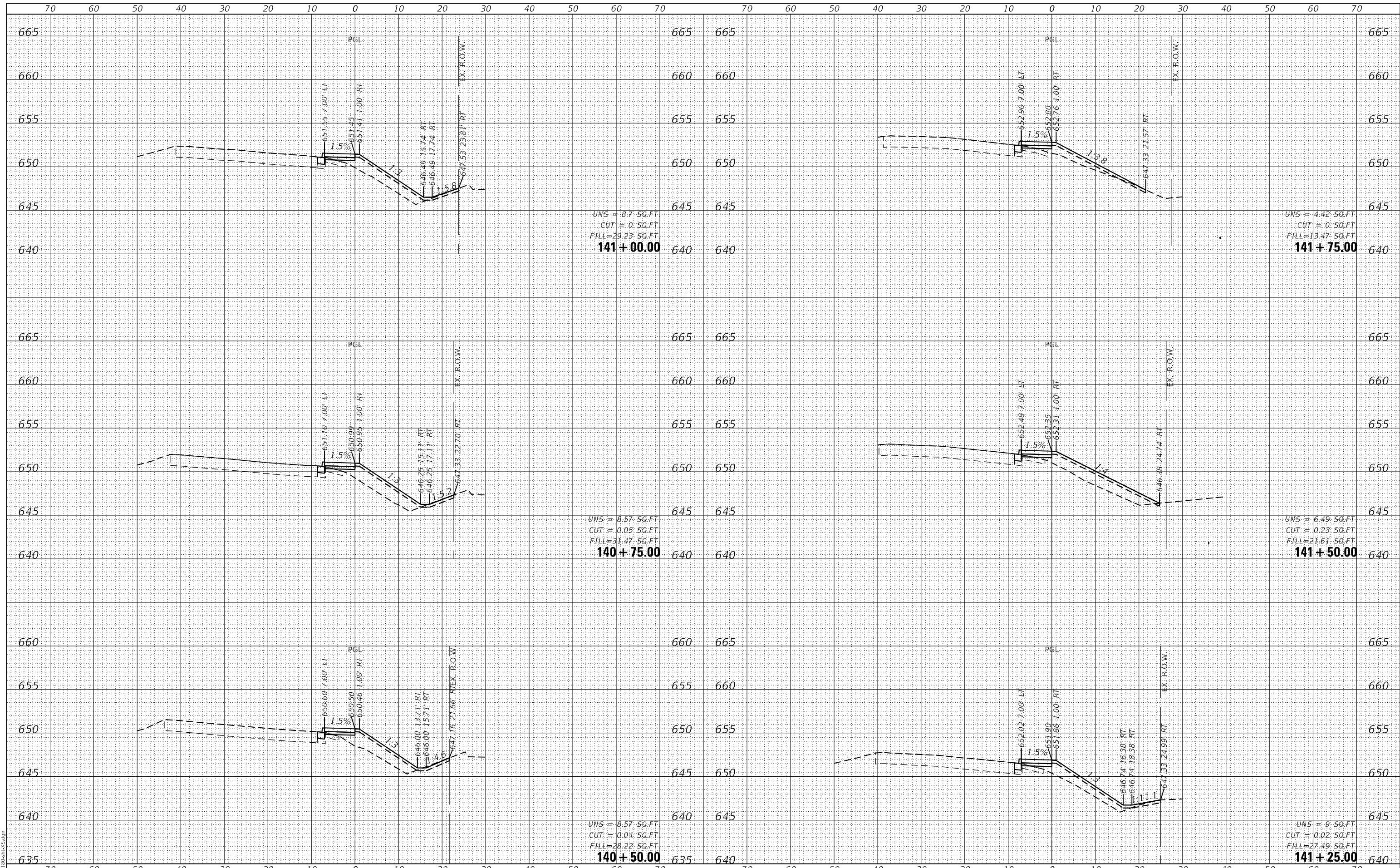
**CROSS SECTIONS
WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 3 OF 44 SHEETS
 STA. 139+00.00 TO STA. 140+25.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	117
				CONTRACT NO. 61153
				ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_4
 FILE NAME: 4755-180-SHT.dgn
 XS_SHEET_temporary_model_name_4



UNS = 8.7 SQ.FT
 CUT = 0 SQ.FT
 FILL = 29.23 SQ.FT
141 + 00.00

UNS = 8.57 SQ.FT
 CUT = 0.05 SQ.FT
 FILL = 31.47 SQ.FT
140 + 75.00

UNS = 8.57 SQ.FT
 CUT = 0.04 SQ.FT
 FILL = 28.22 SQ.FT
140 + 50.00

UNS = 4.42 SQ.FT
 CUT = 0 SQ.FT
 FILL = 13.47 SQ.FT
141 + 75.00

UNS = 6.49 SQ.FT
 CUT = 0.23 SQ.FT
 FILL = 21.61 SQ.FT
141 + 50.00

UNS = 9 SQ.FT
 CUT = 0.02 SQ.FT
 FILL = 27.49 SQ.FT
141 + 25.00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
WOLF ROAD SIDEWALK
 SCALE: H:1"=10'
 SHEET 4 OF 44 SHEETS
 STA. 140+50.00 TO STA. 141+75.00
 V:1"=5'

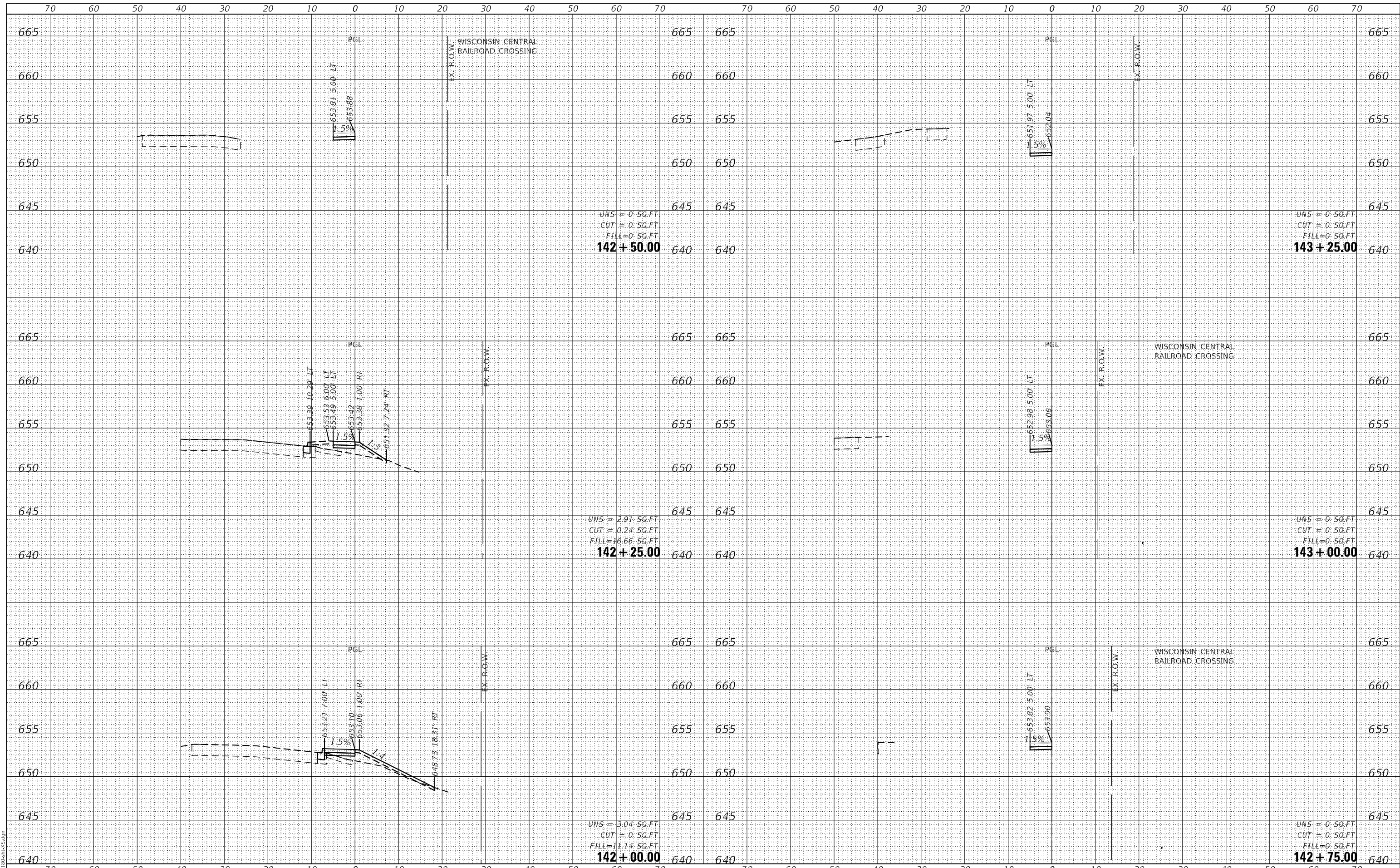
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	118
CONTRACT NO. 61153			ILLINOIS FED. AID PROJECT	

FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-sht-XS.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
XS_SHEET_temporary_model_name_4		DATE - 11/9/2023	REVISED -

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_5
 FILE NAME: 4755-180-00-00-SW.dgn



UNS = 0.50.FT
 CUT = 0.50.FT
 FILL = 0.50.FT
142 + 50.00

UNS = 0.50.FT
 CUT = 0.50.FT
 FILL = 0.50.FT
143 + 25.00

UNS = 2.91.50.FT
 CUT = 0.24.50.FT
 FILL = 16.66.50.FT
142 + 25.00

UNS = 0.50.FT
 CUT = 0.50.FT
 FILL = 0.50.FT
143 + 00.00

UNS = 3.04.50.FT
 CUT = 0.50.FT
 FILL = 11.14.50.FT
142 + 00.00

UNS = 0.50.FT
 CUT = 0.50.FT
 FILL = 0.50.FT
142 + 75.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_5	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
WOLF ROAD SIDEWALK	
SCALE: H:1"=10'	SHEET 5 OF 44 SHEETS
STA. 142+00.00	TO STA. 143+25.00
V:1"=5'	

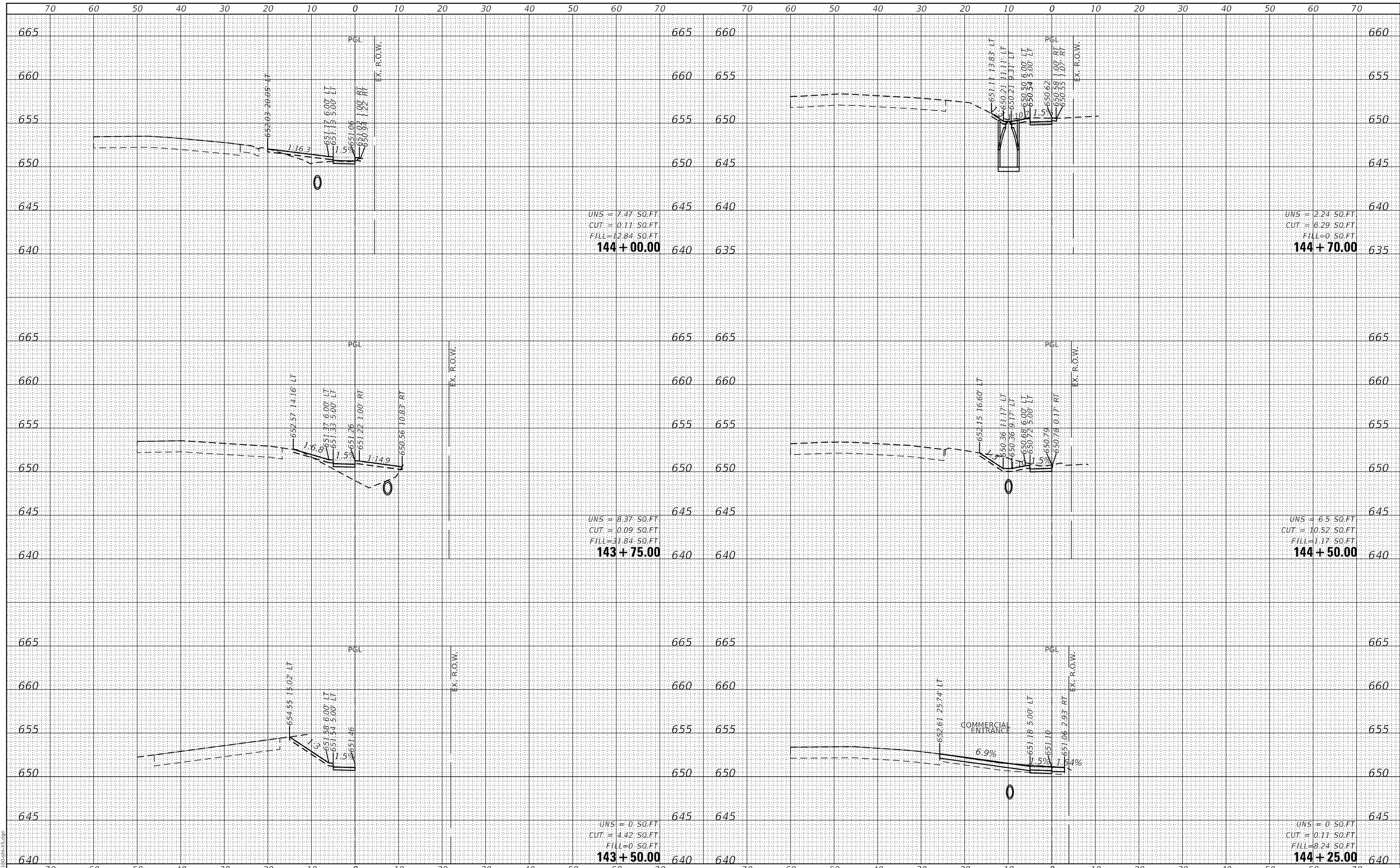
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	119
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_6
 FILE NAME: 4755-180-SW.dgn



UNS = 7.47 SQ.FT
 CUT = 0.11 SQ.FT
 FILL = 12.84 SQ.FT
144 + 00.00

UNS = 2.24 SQ.FT
 CUT = 6.29 SQ.FT
 FILL = 0 SQ.FT
144 + 70.00

UNS = 8.37 SQ.FT
 CUT = 0.09 SQ.FT
 FILL = 31.84 SQ.FT
143 + 75.00

UNS = 6.5 SQ.FT
 CUT = 10.52 SQ.FT
 FILL = 1.17 SQ.FT
144 + 50.00

UNS = 0 SQ.FT
 CUT = 4.42 SQ.FT
 FILL = 0 SQ.FT
143 + 50.00

UNS = 0 SQ.FT
 CUT = 0.11 SQ.FT
 FILL = 8.24 SQ.FT
144 + 25.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_6	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

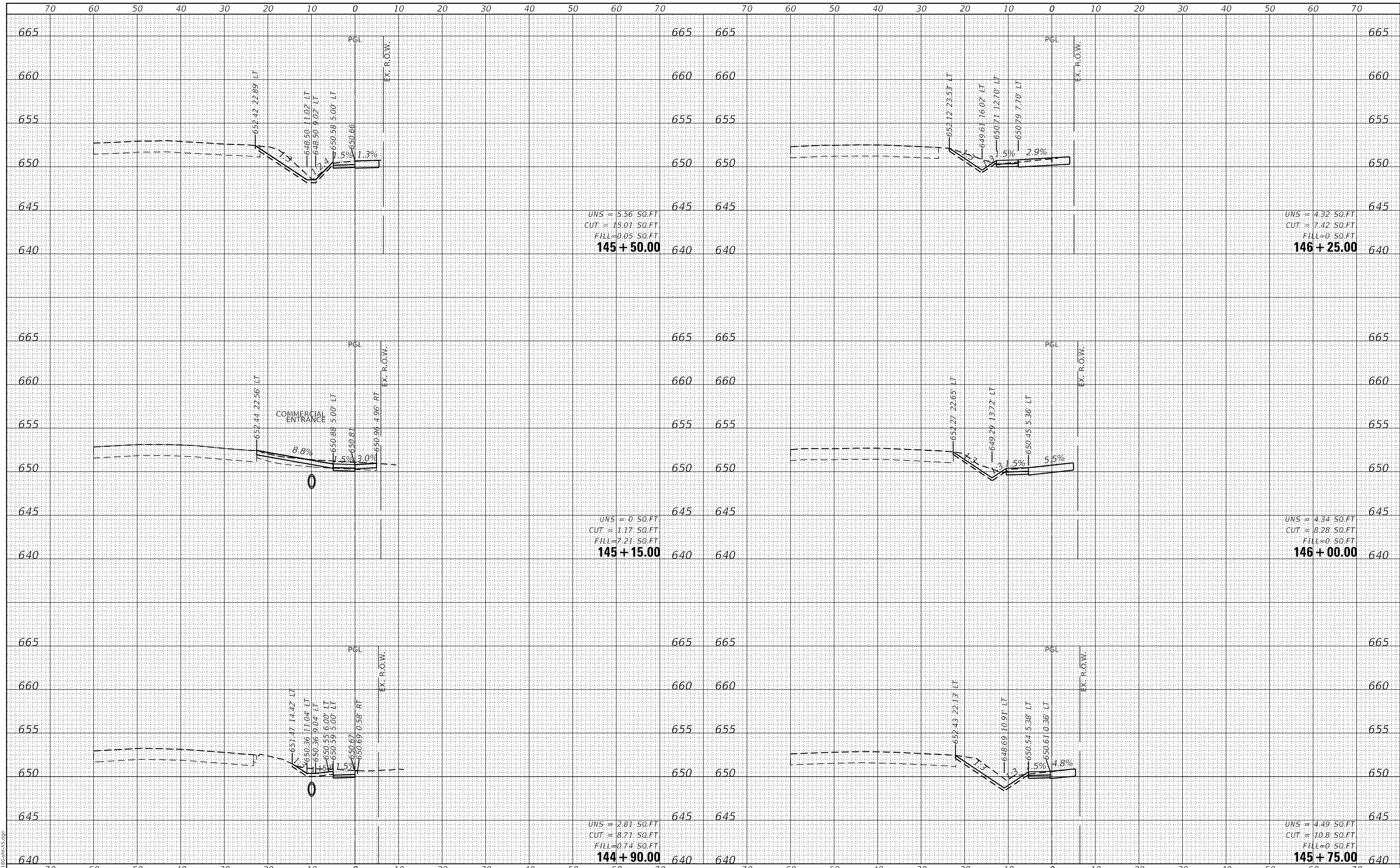
CROSS SECTIONS
WOLF ROAD SIDEWALK
 SCALE: H:1"=10'
 SHEET 6 OF 44 SHEETS
 STA. 143+50.00 TO STA. 144+70.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	120
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_7
 FILE NAME: 4755-180-SHT-XS.dgn



UNS = 5.56 SO.FT
 CUT = 15.01 SO.FT
 FILL = 0.05 SO.FT
145 + 50.00

UNS = 4.32 SO.FT
 CUT = 7.42 SO.FT
 FILL = 0 SO.FT
146 + 25.00

UNS = 0 SO.FT
 CUT = 1.17 SO.FT
 FILL = 7.21 SO.FT
145 + 15.00

UNS = 4.34 SO.FT
 CUT = 8.28 SO.FT
 FILL = 0 SO.FT
146 + 00.00

UNS = 2.81 SO.FT
 CUT = 8.71 SO.FT
 FILL = 0.74 SO.FT
144 + 90.00

UNS = 4.49 SO.FT
 CUT = 10.8 SO.FT
 FILL = 0 SO.FT
145 + 75.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_7	CHECKED - MIV
	DATE - 11/9/2023

REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

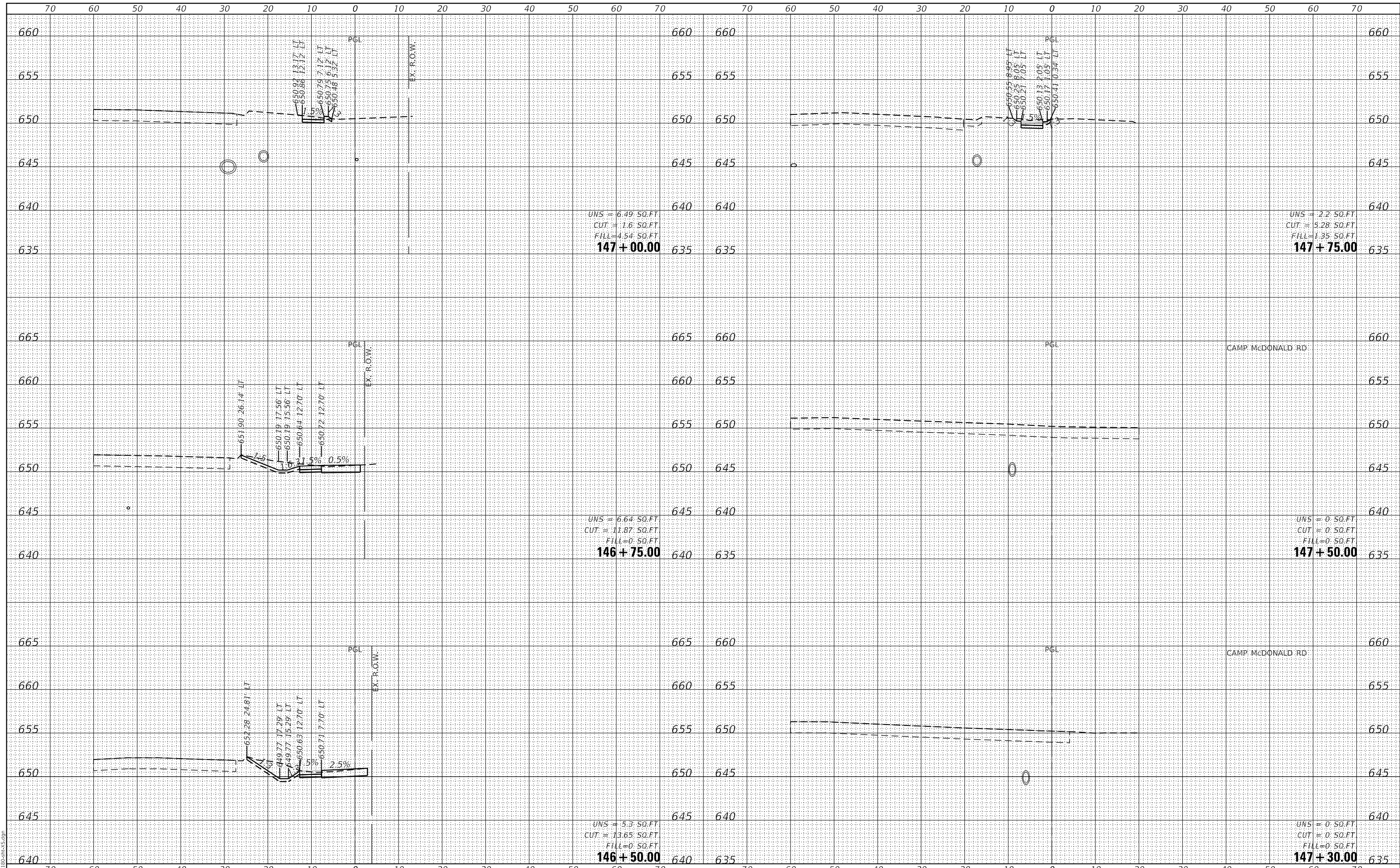
CROSS SECTIONS			
WOLF ROAD SIDEWALK			
SCALE: H:1"=10'	SHEET 7 OF 44 SHEETS	STA. 144+90.00	TO STA. 146+25.00
V:1"=5'			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	121
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_8
 FILE NAME: 4755-180-SW.dgn



UNS = 6.49 SQ.FT
 CUT = 1.6 SQ.FT
 FILL = 4.54 SQ.FT
147 + 00.00

UNS = 2.2 SQ.FT
 CUT = 3.28 SQ.FT
 FILL = 1.35 SQ.FT
147 + 75.00

UNS = 6.64 SQ.FT
 CUT = 11.87 SQ.FT
 FILL = 0 SQ.FT
146 + 75.00

UNS = 0 SQ.FT
 CUT = 0 SQ.FT
 FILL = 0 SQ.FT
147 + 50.00

UNS = 5.3 SQ.FT
 CUT = 13.65 SQ.FT
 FILL = 0 SQ.FT
146 + 50.00

UNS = 0 SQ.FT
 CUT = 0 SQ.FT
 FILL = 0 SQ.FT
147 + 30.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_8	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 8 OF 44 SHEETS
 STA. 146+50.00 TO STA. 147+75.00
 V:1"=5'

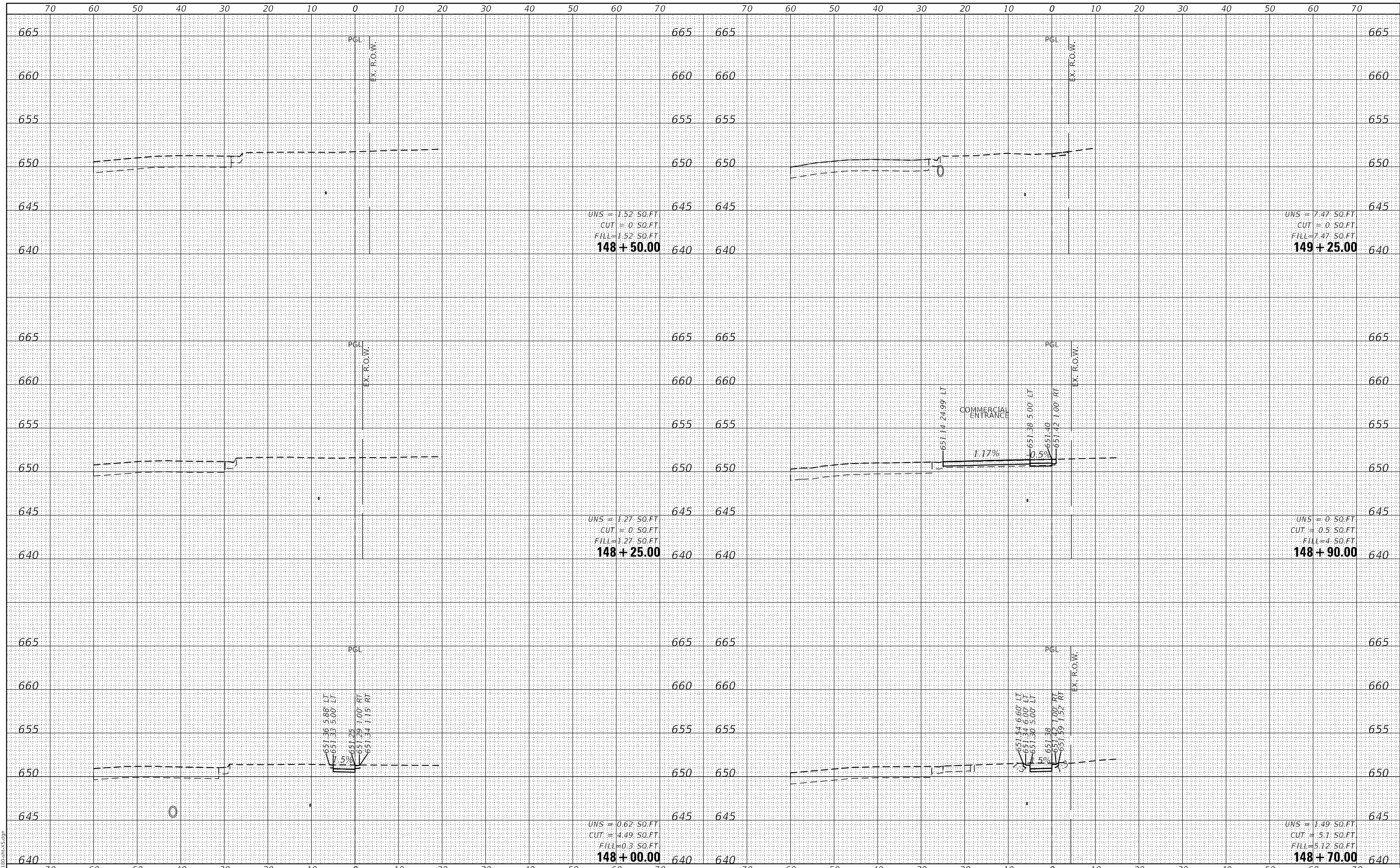
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	122
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_9
 FILE NAME: 4755-180-RS.dgn



UNS = 1.52 SQ.FT
 CUT = 0 SQ.FT
 FILL = 1.52 SQ.FT
148 + 50.00

UNS = 7.47 SQ.FT
 CUT = 0 SQ.FT
 FILL = 7.47 SQ.FT
149 + 25.00

UNS = 1.27 SQ.FT
 CUT = 0 SQ.FT
 FILL = 1.27 SQ.FT
148 + 25.00

UNS = 0 SQ.FT
 CUT = 0.5 SQ.FT
 FILL = 4 SQ.FT
148 + 90.00

UNS = 0.62 SQ.FT
 CUT = 4.49 SQ.FT
 FILL = 0.3 SQ.FT
148 + 00.00

UNS = 1.49 SQ.FT
 CUT = 5.1 SQ.FT
 FILL = 5.12 SQ.FT
148 + 70.00

FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-sht-XS.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
XS_SHEET_temporary_model_name_9		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 9 OF 44 SHEETS
 STA. 148+00.00 TO STA. 149+25.00
 V:1"=5'

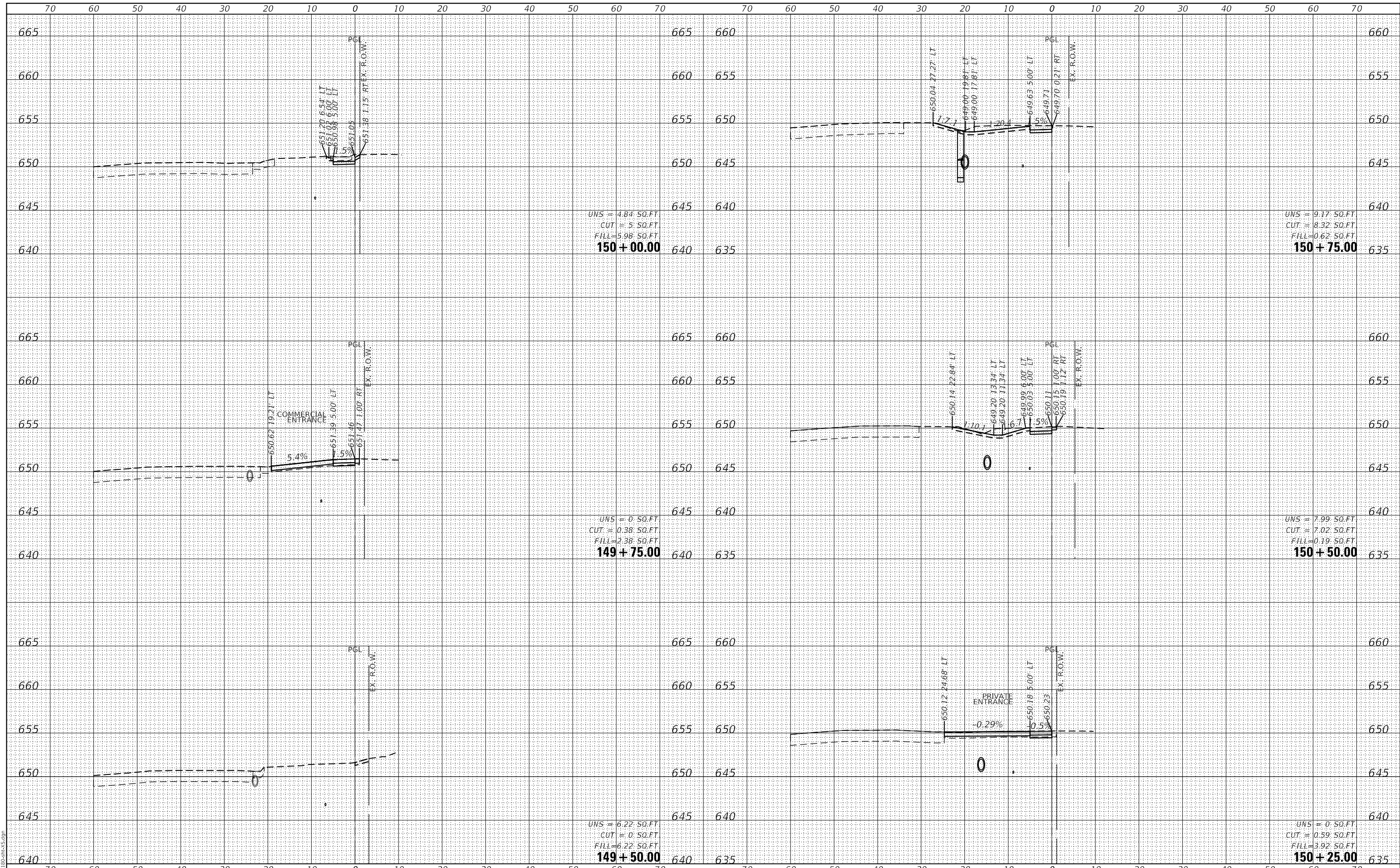
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	123
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_10
 FILE NAME: 4755-180-SW-CROSS.dgn



UNS = 4.84 SO.FT
 CUT = 5 SO.FT
 FILL = 5.98 SO.FT
150 + 00.00

UNS = 9.17 SO.FT
 CUT = 8.32 SO.FT
 FILL = 0.62 SO.FT
150 + 75.00

UNS = 0 SO.FT
 CUT = 0.38 SO.FT
 FILL = 2.38 SO.FT
149 + 75.00

UNS = 7.99 SO.FT
 CUT = 7.02 SO.FT
 FILL = 0.19 SO.FT
150 + 50.00

UNS = 6.22 SO.FT
 CUT = 0 SO.FT
 FILL = 6.22 SO.FT
149 + 50.00

UNS = 0 SO.FT
 CUT = 0.59 SO.FT
 FILL = 3.92 SO.FT
150 + 25.00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_10	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

SCALE: H:1"=10'
 V:1"=5'
 SHEET 10 OF 44 SHEETS
 STA. 149+50.00 TO STA. 150+75.00

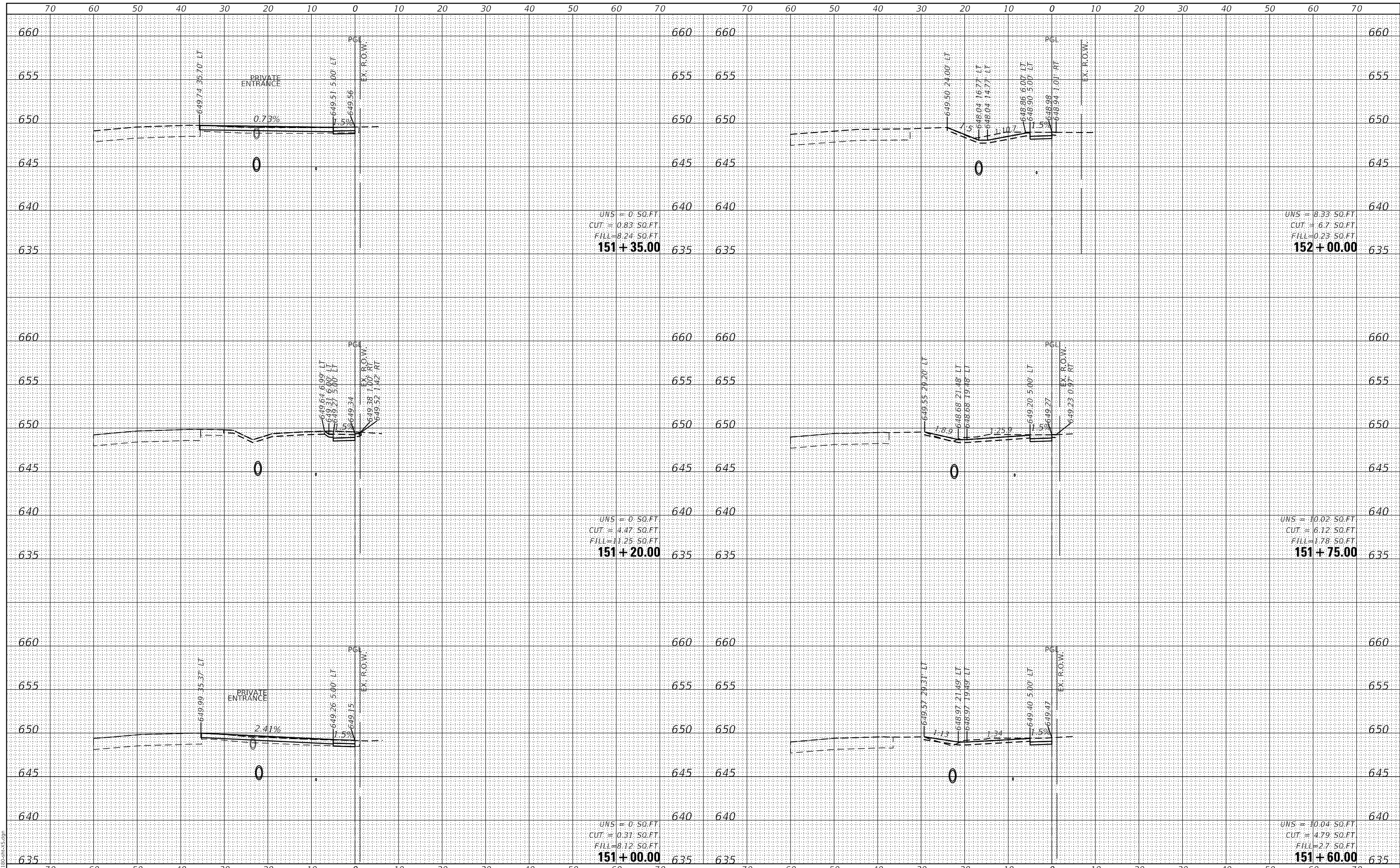
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	124
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_11
 FILE NAME: 4755-180-SHT-XS.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_11	CHECKED - MIV
	DATE - 11/9/2023

REVISIED -	REVISIED -
REVISIED -	REVISIED -
REVISIED -	REVISIED -
REVISIED -	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 11 OF 44 SHEETS
 STA. 151+00.00 TO STA. 152+00.00
 V:1"=5'

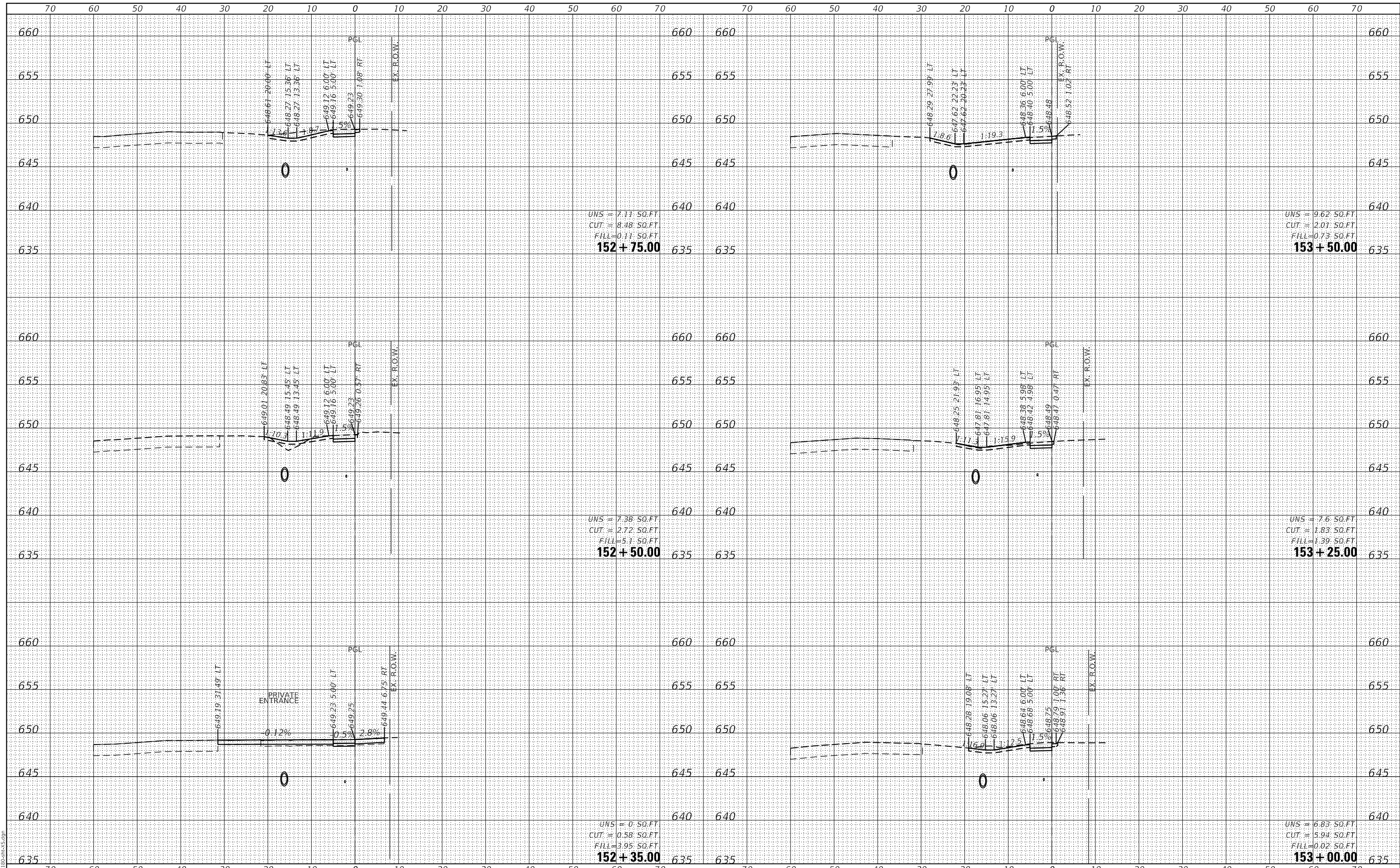
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	125
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_12
 FILE NAME: 4755-180-SHT.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_12	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISD -
DRAWN - PJS	REVISD -
CHECKED - MIV	REVISD -
DATE - 11/9/2023	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

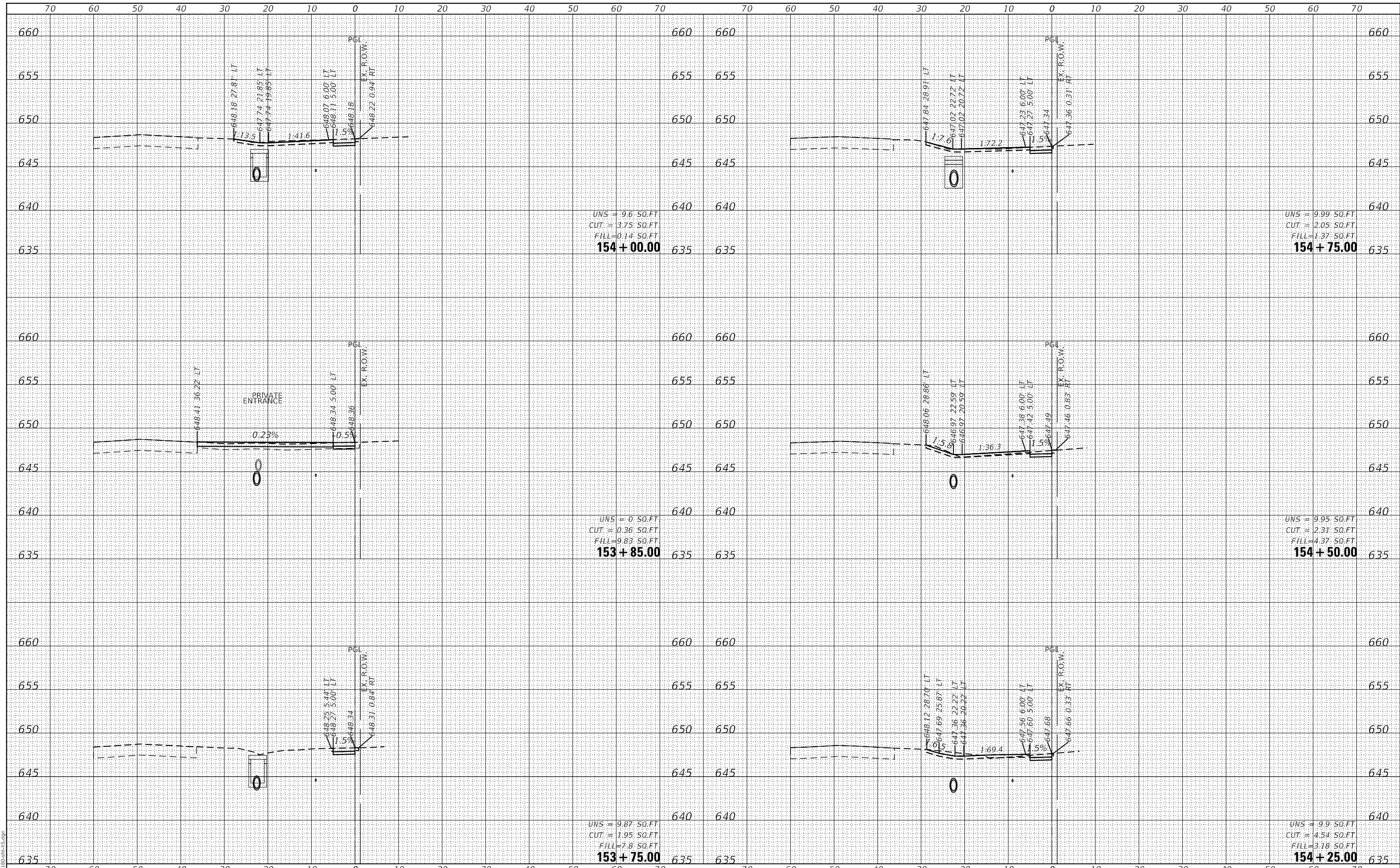
**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 12 OF 44 SHEETS
 STA. 152+35.00 TO STA. 153+50.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	126
				CONTRACT NO. 61153
				ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_13
 FILE NAME: 4755-180-SHT.dgn



UNS = 9.6 SO.FT
 CUT = 3.75 SO.FT
 FILL = 0.14 SO.FT
154 + 00.00

UNS = 9.99 SO.FT
 CUT = 2.05 SO.FT
 FILL = 1.37 SO.FT
154 + 75.00

UNS = 0 SO.FT
 CUT = 0.36 SO.FT
 FILL = 9.83 SO.FT
153 + 85.00

UNS = 9.95 SO.FT
 CUT = 2.31 SO.FT
 FILL = 4.37 SO.FT
154 + 50.00

UNS = 9.87 SO.FT
 CUT = 1.95 SO.FT
 FILL = 7.8 SO.FT
153 + 75.00

UNS = 9.9 SO.FT
 CUT = 4.54 SO.FT
 FILL = 3.18 SO.FT
154 + 25.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-X5.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_13	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

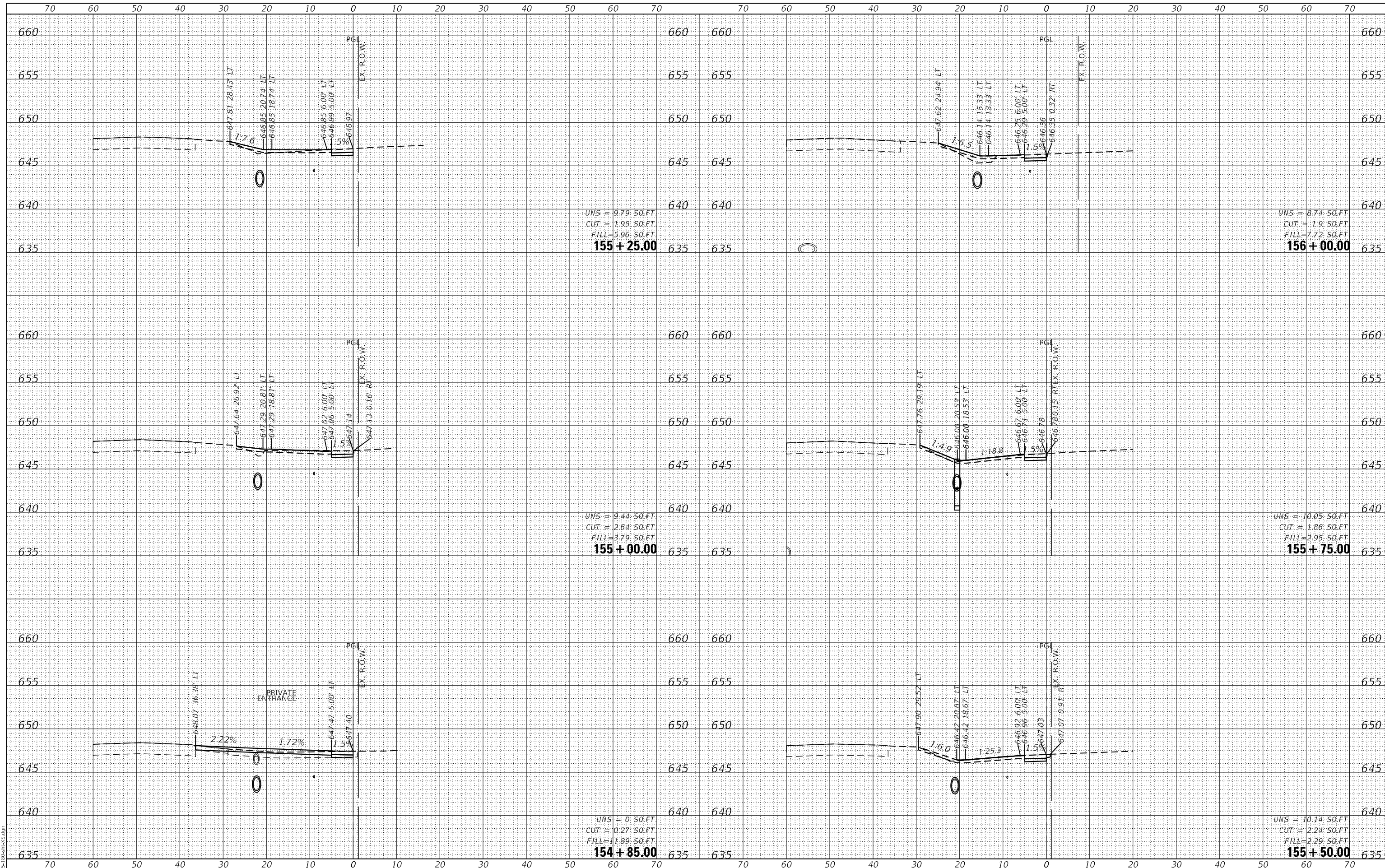
CROSS SECTIONS			
WOLF ROAD SIDEWALK			
SCALE: H:1"=10'	SHEET 13 OF 44 SHEETS	STA. 153+75.00	TO STA. 154+75.00
V:1"=5'			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	127
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_14
 FILE NAME: 4755-180-SW.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_14	CHECKED - MIV
	DATE - 11/9/2023

REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION

DESIGNED - MIV	REVISOR
DRAWN - PJS	REVISION
CHECKED - MIV	REVISION
DATE - 11/9/2023	REVISION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WOLF ROAD SIDEWALK

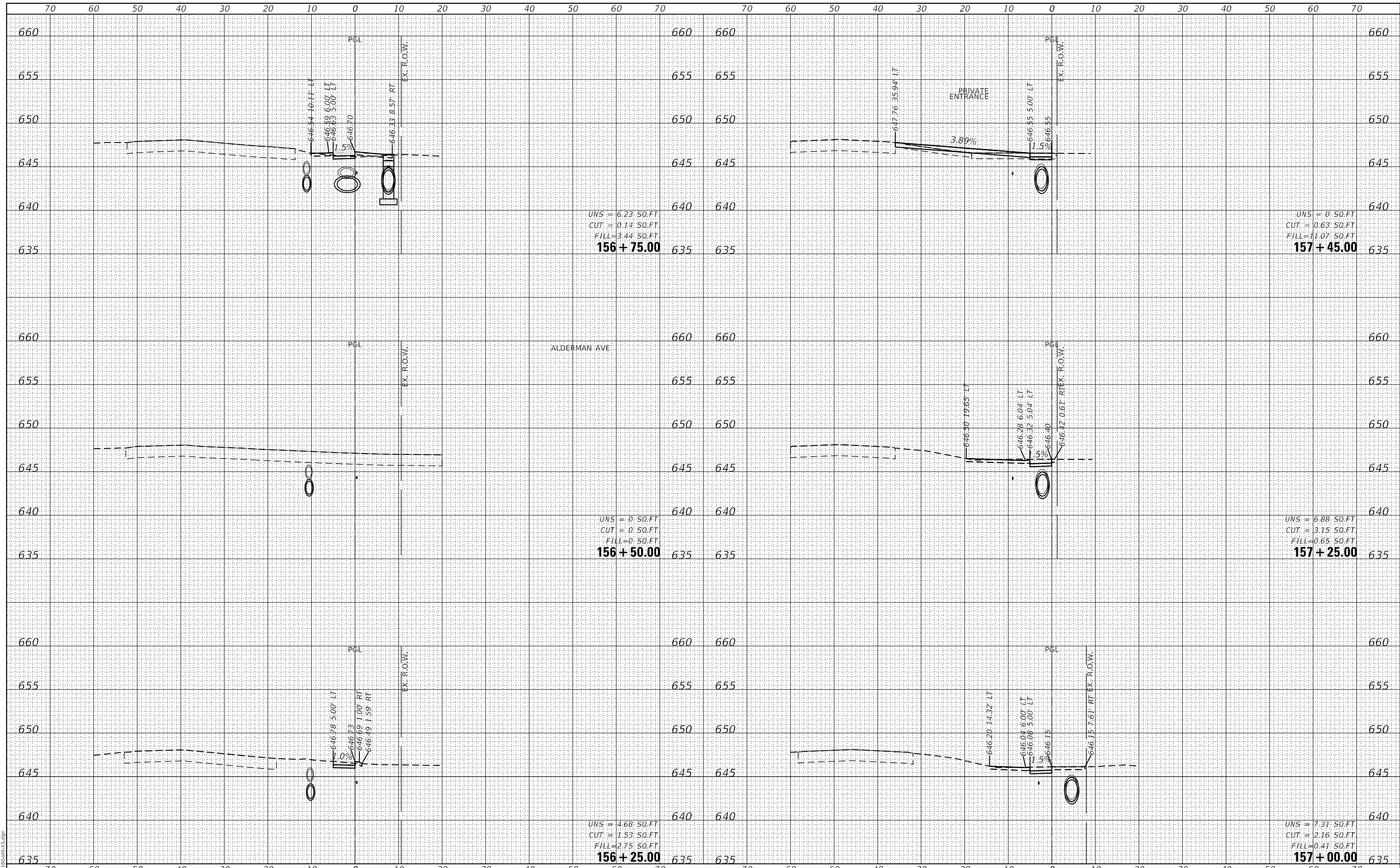
SCALE: H:1"=10'
 SHEET 14 OF 44 SHEETS
 STA. 154+85.00 TO STA. 156+00.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	128
				CONTRACT NO. 61153
				ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_15
 FILE NAME: 4755-180-RS.dgn



UNS = 6.23 SQ.FT
 CUT = 0.14 SQ.FT
 FILL = 3.44 SQ.FT
156 + 75.00

UNS = 0 SQ.FT
 CUT = 0 SQ.FT
 FILL = 0 SQ.FT
156 + 50.00

UNS = 4.68 SQ.FT
 CUT = 1.53 SQ.FT
 FILL = 2.75 SQ.FT
156 + 25.00

UNS = 0 SQ.FT
 CUT = 0.63 SQ.FT
 FILL = 1.07 SQ.FT
157 + 45.00

UNS = 6.88 SQ.FT
 CUT = 3.15 SQ.FT
 FILL = 0.65 SQ.FT
157 + 25.00

UNS = 7.31 SQ.FT
 CUT = 2.16 SQ.FT
 FILL = 0.41 SQ.FT
157 + 00.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_15	CHECKED - MIV
	DATE - 11/9/2023
	REVISOR -

DESIGNED - MIV	REVISOR -
DRAWN - PJS	REVISOR -
CHECKED - MIV	REVISOR -
DATE - 11/9/2023	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

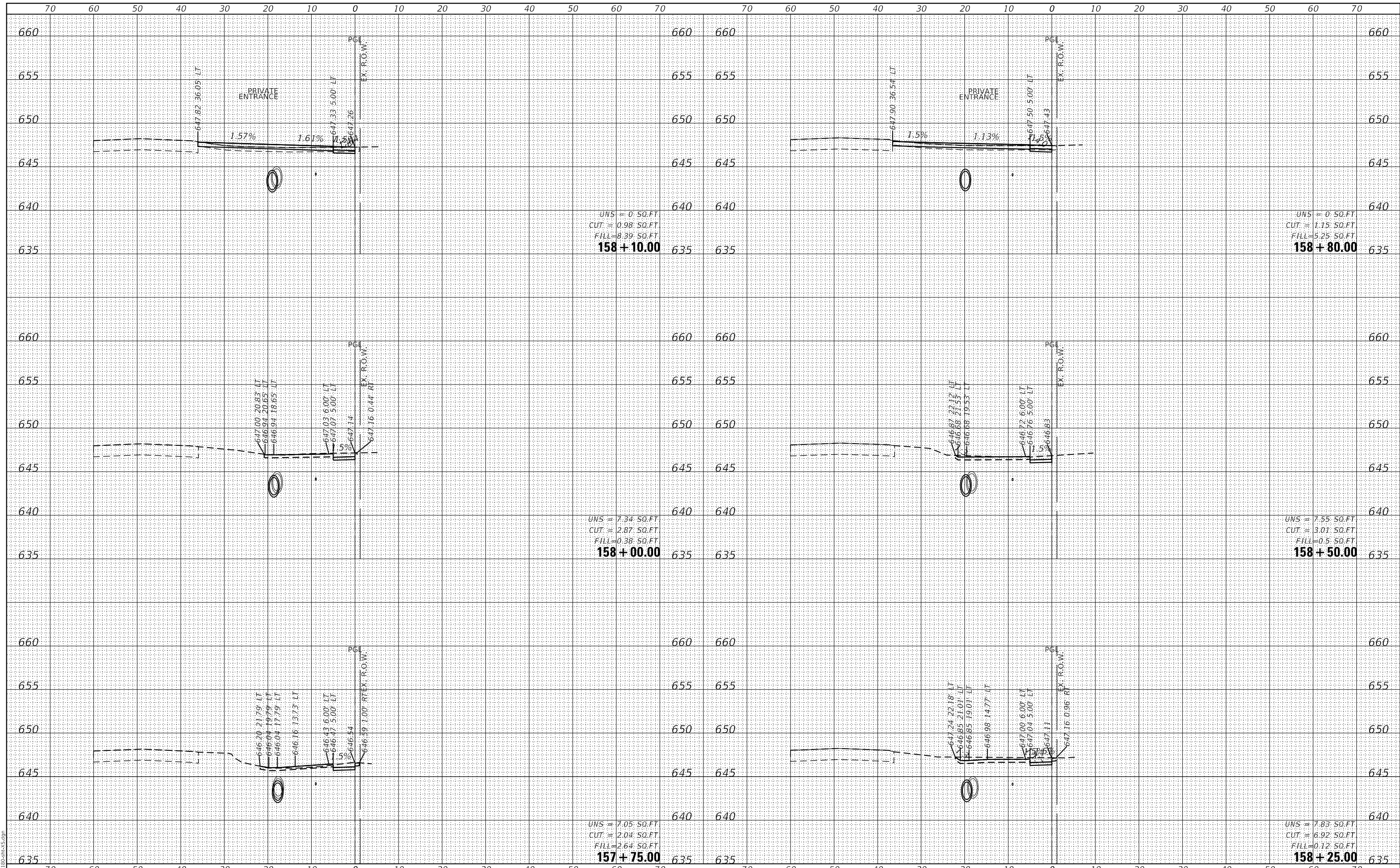
CROSS SECTIONS
WOLF ROAD SIDEWALK
 SCALE: H:1"=10'
 SHEET 15 OF 44 SHEETS
 STA. 156+25.00 TO STA. 157+45.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	129
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_16
 FILE NAME: 4755-180-RS.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_16	CHECKED - MIV
	DATE - 11/9/2023
	REVISIONS
	REVISED -
	REVISED -
	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

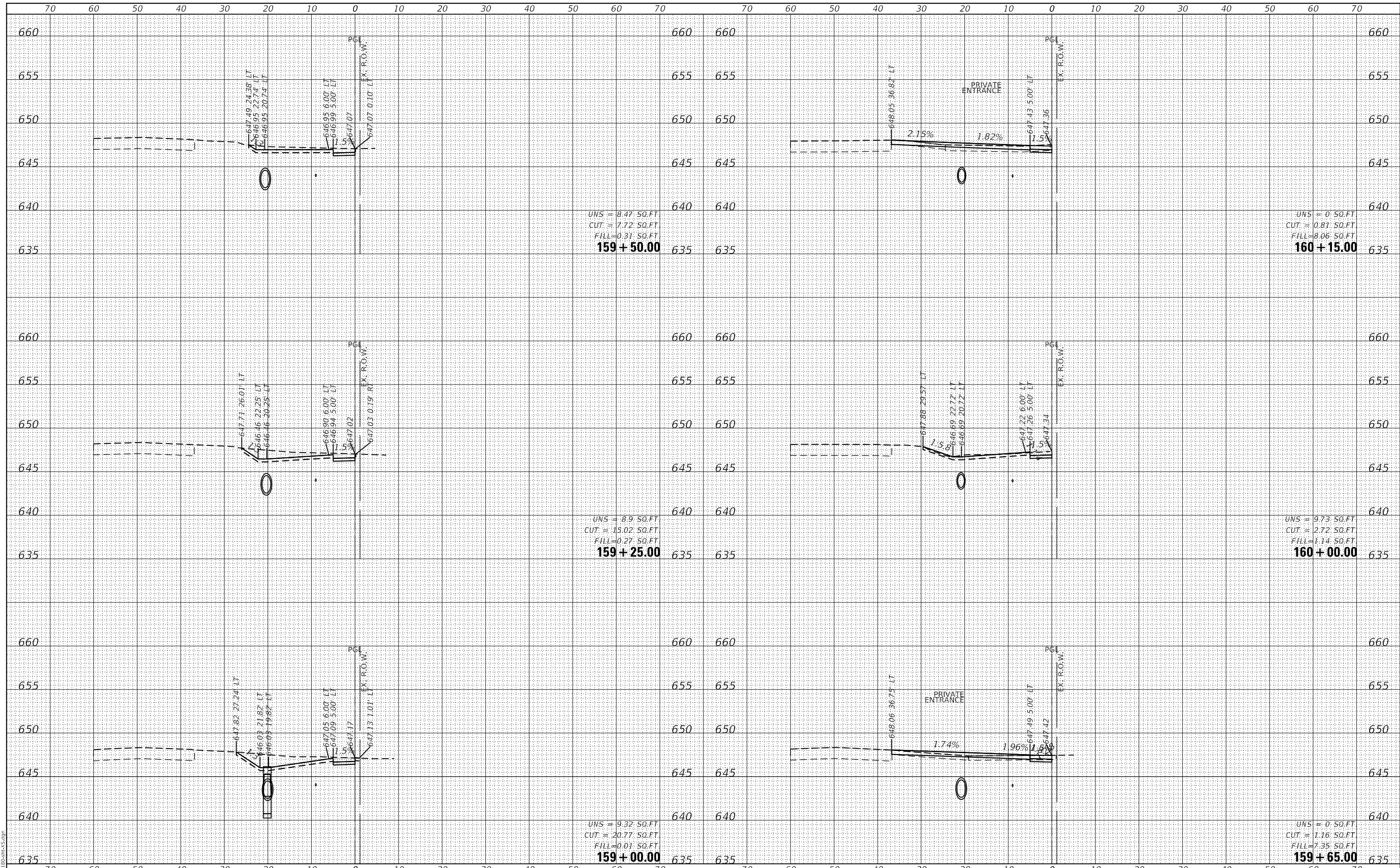
CROSS SECTIONS	
WOLF ROAD SIDEWALK	
SCALE: H:1"=10'	SHEET 16 OF 44 SHEETS
STA. 157+75.00	TO STA. 158+80.00
V:1"=5'	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	130
				CONTRACT NO. 61153
				ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_17
 FILE NAME: 4755-180-SHT.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_17	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

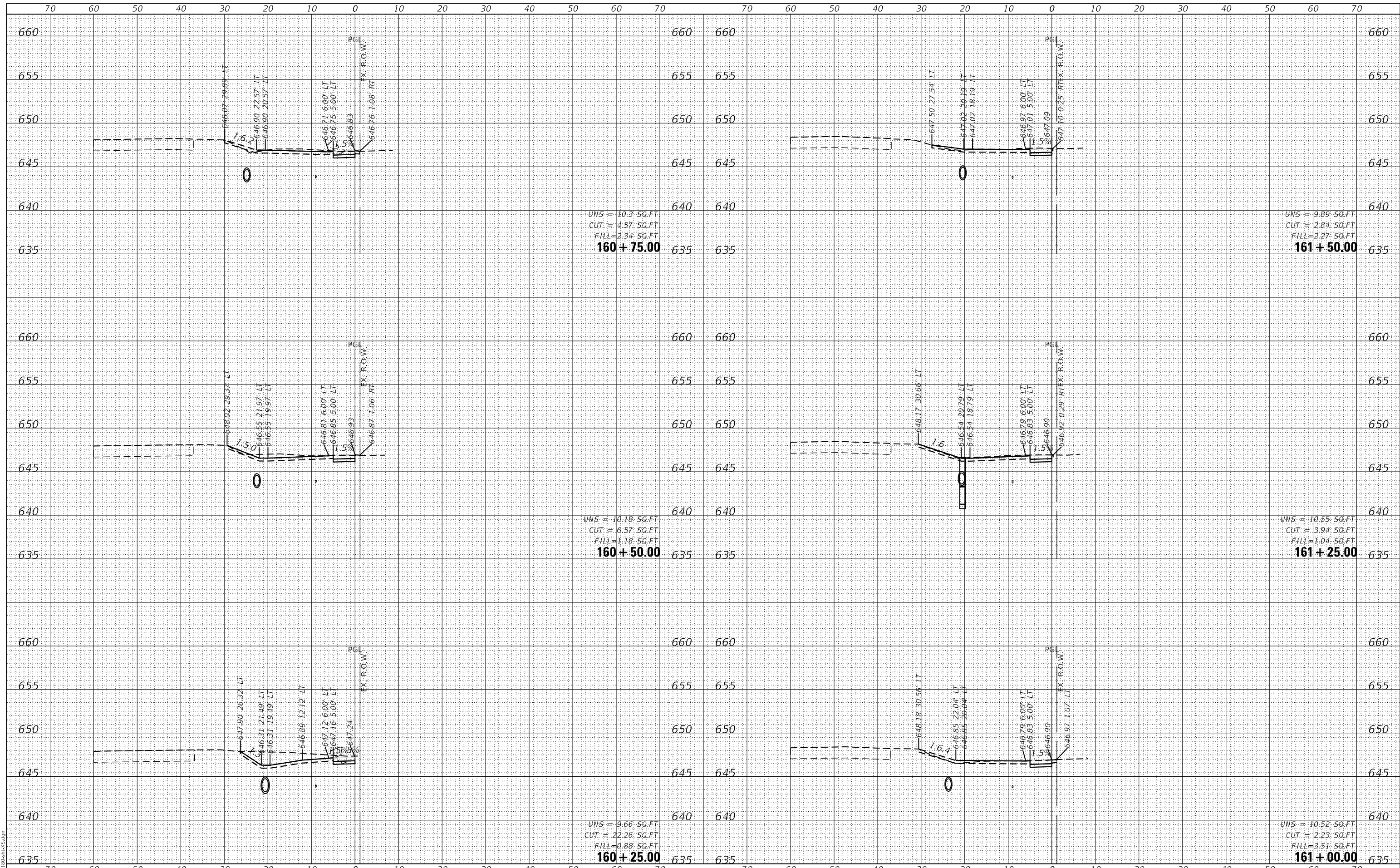
**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 17 OF 44 SHEETS
 STA. 159+00.00 TO STA. 160+15.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	131
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_18
 FILE NAME: 4755-180-SHT.XSDGN



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_18	CHECKED - MIV
	DATE - 11/9/2023
	REVISOR -

DESIGNED - MIV	REVISOR -
DRAWN - PJS	REVISOR -
CHECKED - MIV	REVISOR -
DATE - 11/9/2023	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

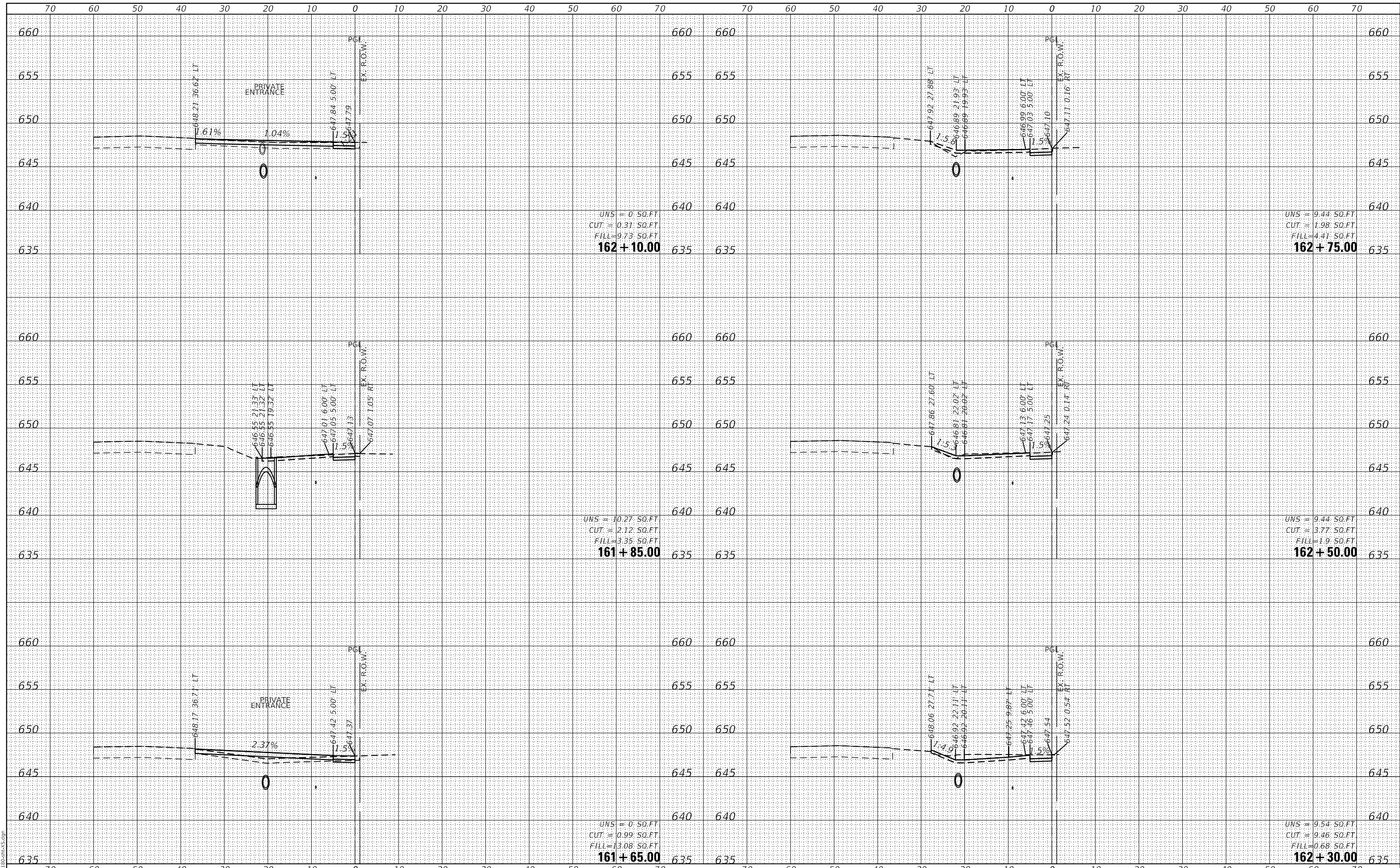
**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 18 OF 44 SHEETS
 STA. 160+25.00 TO STA. 161+50.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	132
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_19
 FILE NAME: 4755-180-SHT.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_19	CHECKED - MIV
	DATE - 11/9/2023
	REVISIED -

DESIGNED - MIV	REVISIED -
DRAWN - PJS	REVISIED -
CHECKED - MIV	REVISIED -
DATE - 11/9/2023	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

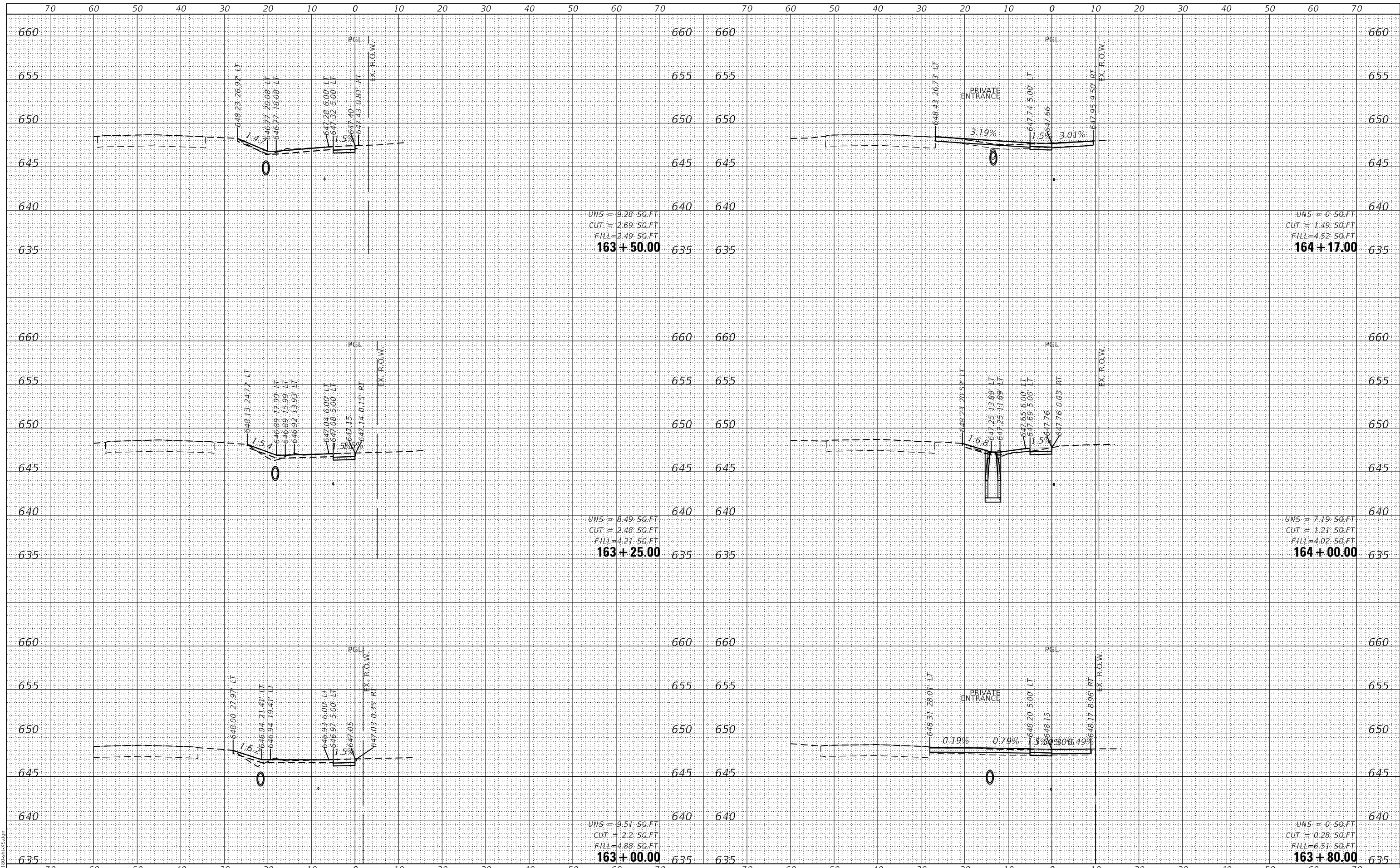
**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 19 OF 44 SHEETS
 STA. 161+65.00 TO STA. 162+75.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	133
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_20
 FILE NAME: 4755-180-SHT.dgn



UNS = 9.28 SO.FT
 CUT = 2.69 SO.FT
 FILL = 2.49 SO.FT
163 + 50.00

UNS = 8.49 SO.FT
 CUT = 2.48 SO.FT
 FILL = 4.21 SO.FT
163 + 25.00

UNS = 9.51 SO.FT
 CUT = 2.2 SO.FT
 FILL = 4.88 SO.FT
163 + 00.00

UNS = 0 SO.FT
 CUT = 1.49 SO.FT
 FILL = 4.52 SO.FT
164 + 17.00

UNS = 7.19 SO.FT
 CUT = 1.21 SO.FT
 FILL = 4.02 SO.FT
164 + 00.00

UNS = 0 SO.FT
 CUT = 0.28 SO.FT
 FILL = 6.51 SO.FT
163 + 80.00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_20	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

SCALE: H:1"=10'
 SHEET 20 OF 44 SHEETS
 STA. 163+00.00 TO STA. 164+17.00

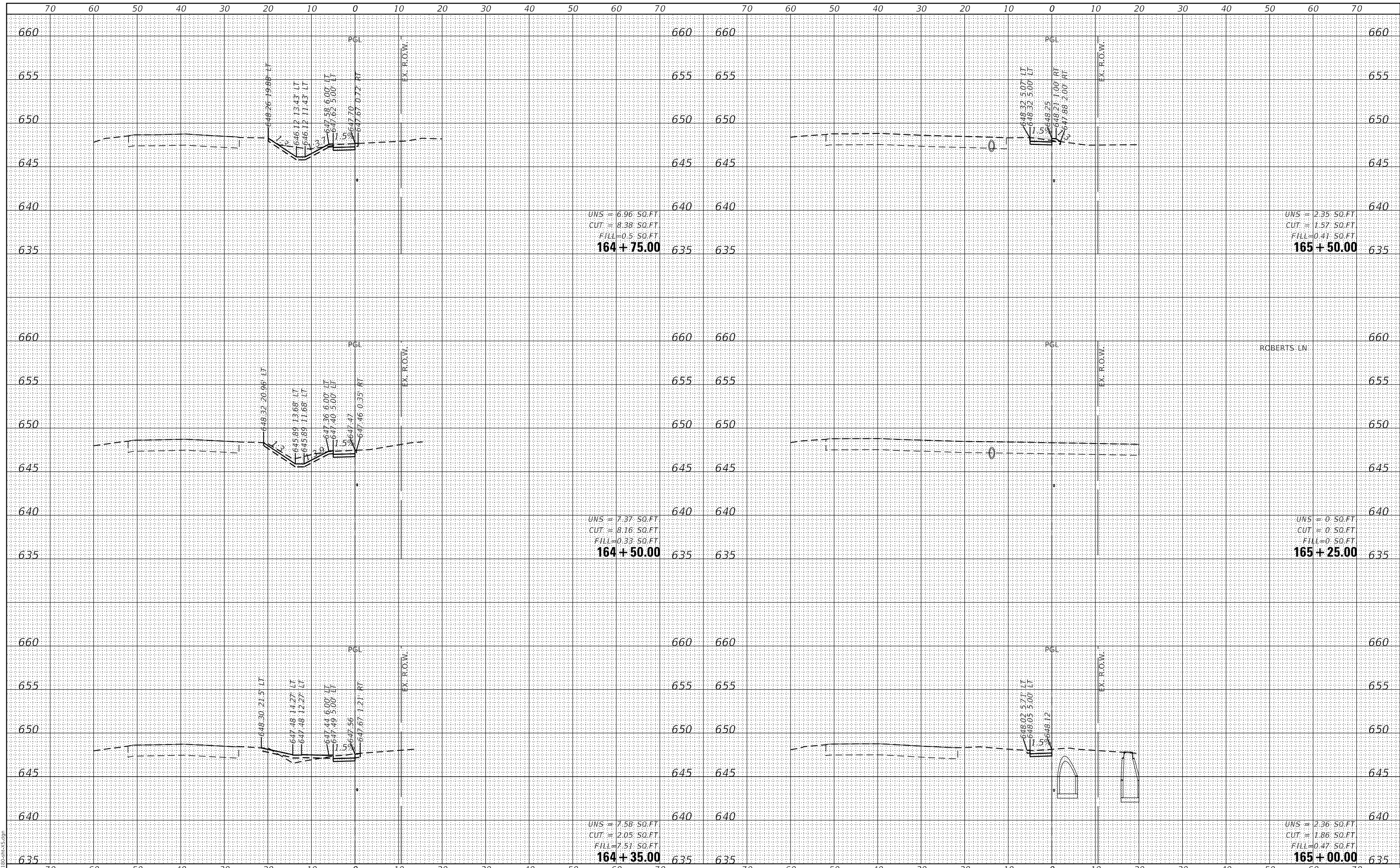
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	134
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_21
 FILE NAME: 4755-180-SHT-XS.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_21	CHECKED - MIV
	DATE - 11/9/2023

REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

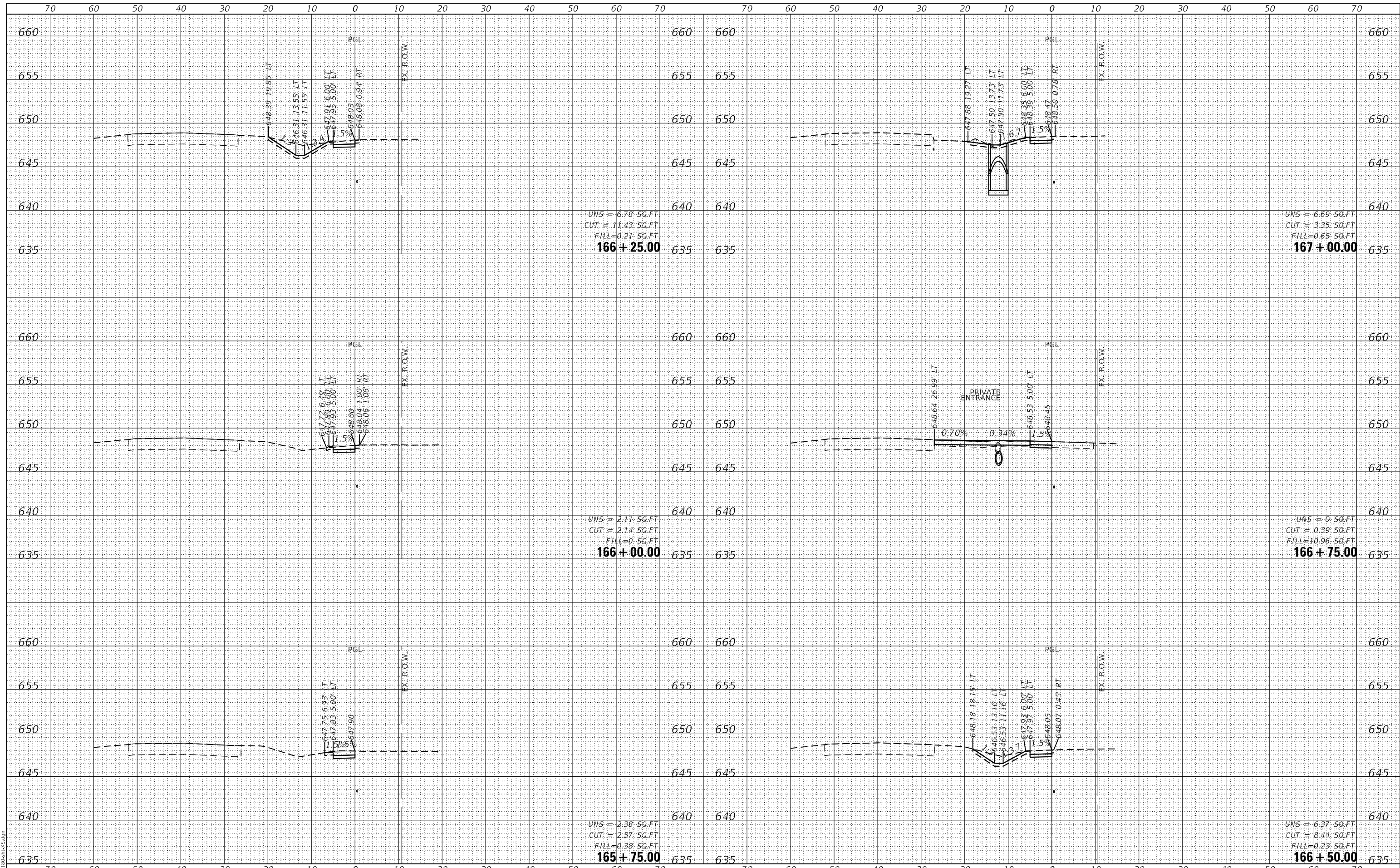
**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 21 OF 44 SHEETS
 STA. 164+35.00 TO STA. 165+50.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	135
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: XS_SHEET_temporary_model_name_22
 FILE NAME: 4755-180-SHT-XS.dgn



UNS = 6.78 SO.FT
 CUT = 11.43 SO.FT
 FILL = 0.21 SO.FT
166 + 25.00

UNS = 6.69 SO.FT
 CUT = 3.35 SO.FT
 FILL = 0.65 SO.FT
167 + 00.00

UNS = 2.11 SO.FT
 CUT = 2.14 SO.FT
 FILL = 0 SO.FT
166 + 00.00

UNS = 0 SO.FT
 CUT = 0.39 SO.FT
 FILL = 10.96 SO.FT
166 + 75.00

UNS = 2.38 SO.FT
 CUT = 2.57 SO.FT
 FILL = 0.38 SO.FT
165 + 75.00

UNS = 6.37 SO.FT
 CUT = 8.44 SO.FT
 FILL = 0.23 SO.FT
166 + 50.00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 WOLF ROAD SIDEWALK

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_22	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

SCALE: H:1"=10'
 SHEET 22 OF 44 SHEETS
 STA. 165+75.00 TO STA. 167+00.00

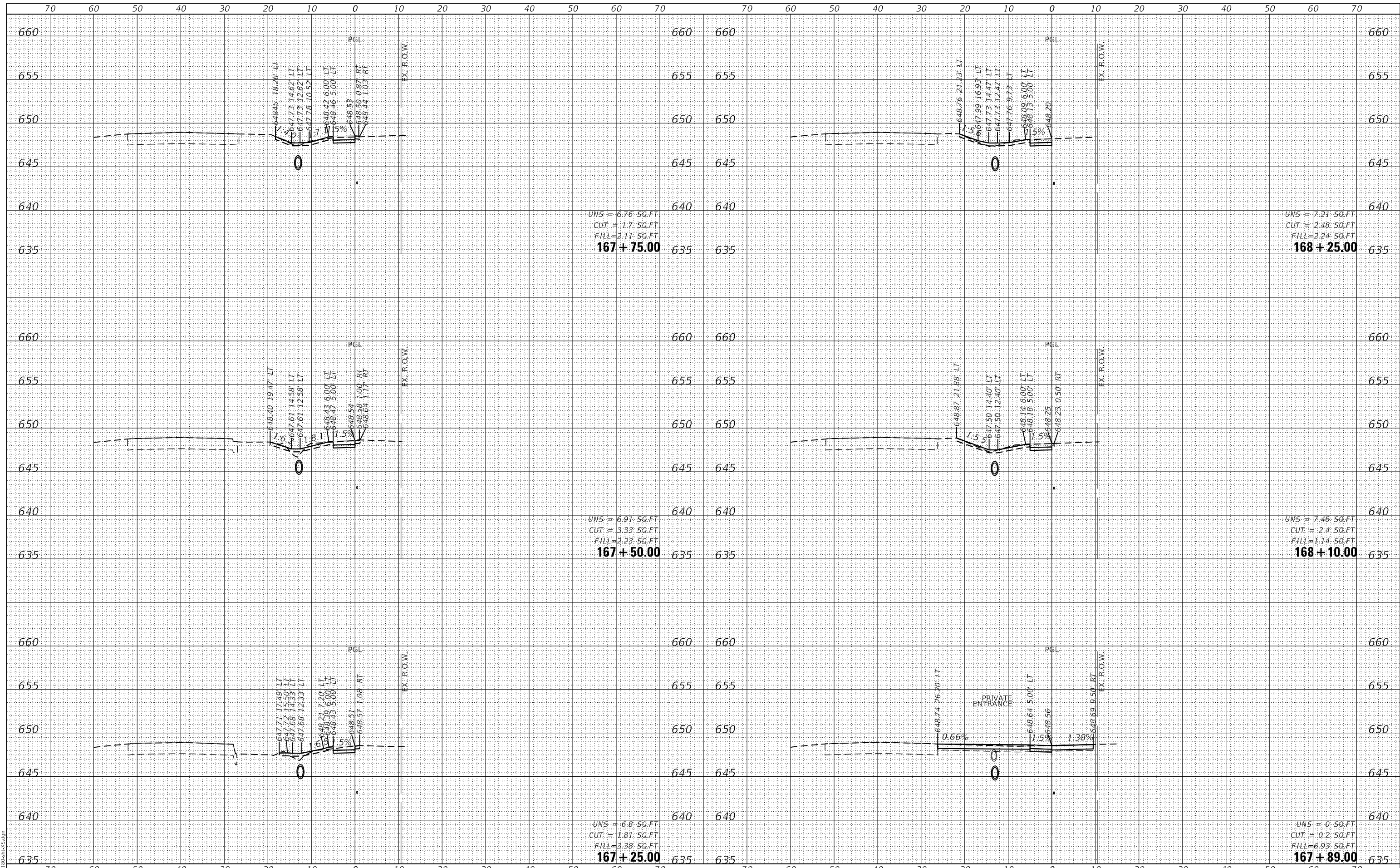
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	136
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_23
 FILE NAME: 4755-180-SHT-XS.dgn



UNS = 6.76 SO.FT
 CUT = 1.7 SO.FT
 FILL = 2.11 SO.FT
167 + 75.00

UNS = 6.91 SO.FT
 CUT = 3.33 SO.FT
 FILL = 2.23 SO.FT
167 + 50.00

UNS = 6.8 SO.FT
 CUT = 1.81 SO.FT
 FILL = 3.38 SO.FT
167 + 25.00

UNS = 7.21 SO.FT
 CUT = 2.48 SO.FT
 FILL = 2.24 SO.FT
168 + 25.00

UNS = 7.46 SO.FT
 CUT = 2.4 SO.FT
 FILL = 1.14 SO.FT
168 + 10.00

UNS = 0 SO.FT
 CUT = 0.2 SO.FT
 FILL = 6.93 SO.FT
167 + 89.00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_23	CHECKED - MIV
	DATE - 11/9/2023

REVISD -
REVISD -
REVISD -
REVISD -

SCALE: H:1"=10'
 SHEET 23 OF 44 SHEETS
 STA. 167+25.00 TO STA. 168+25.00
 V:1"=5'

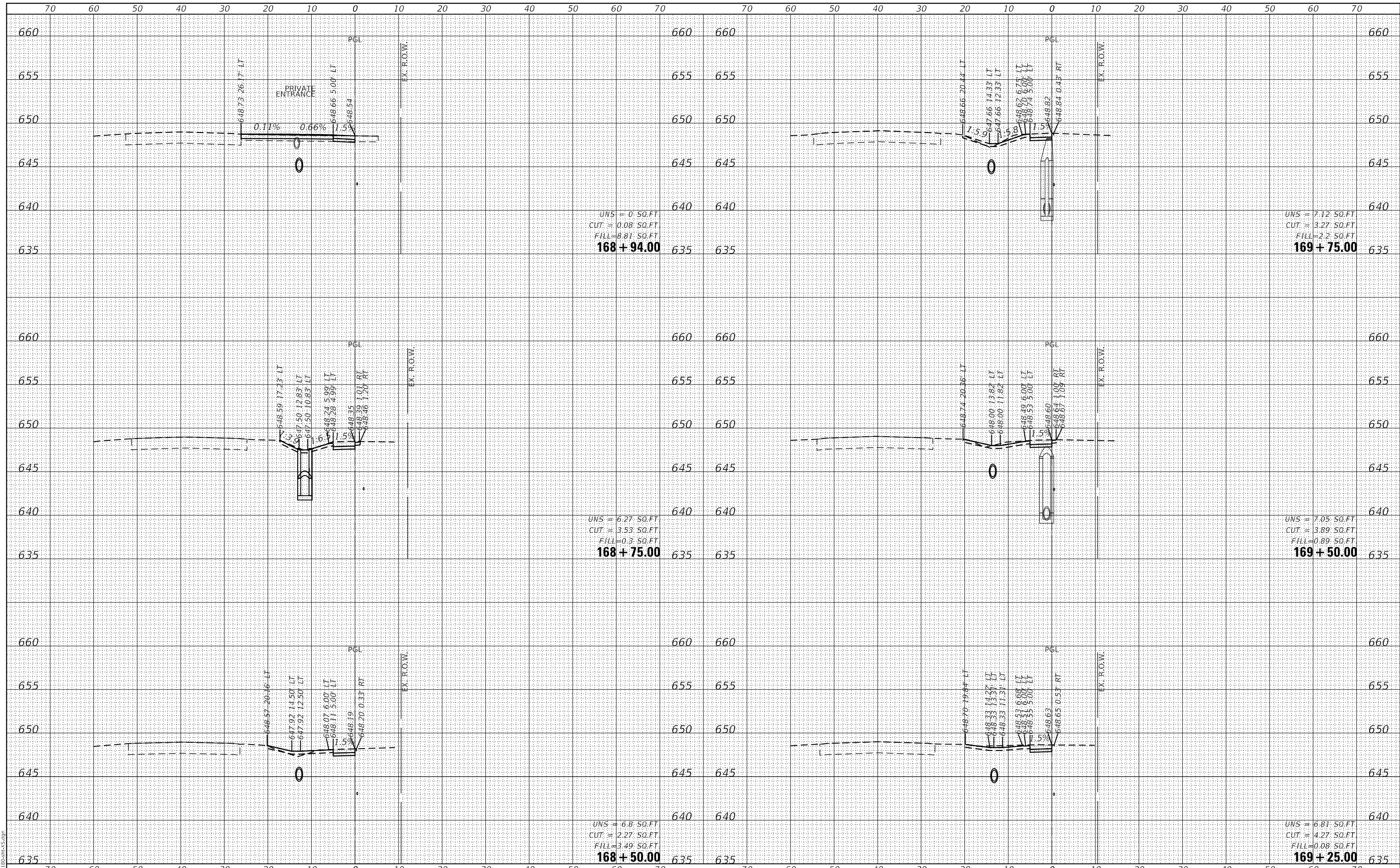
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	137
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_24
 FILE NAME: 4755-180-SHT.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_24	CHECKED - MIV
	DATE - 11/9/2023

REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION

DESIGNED - MIV	REVISOR
DRAWN - PJS	REVISOR
CHECKED - MIV	REVISOR
DATE - 11/9/2023	REVISOR

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**

SCALE: H:1"=10'
 V:1"=5'

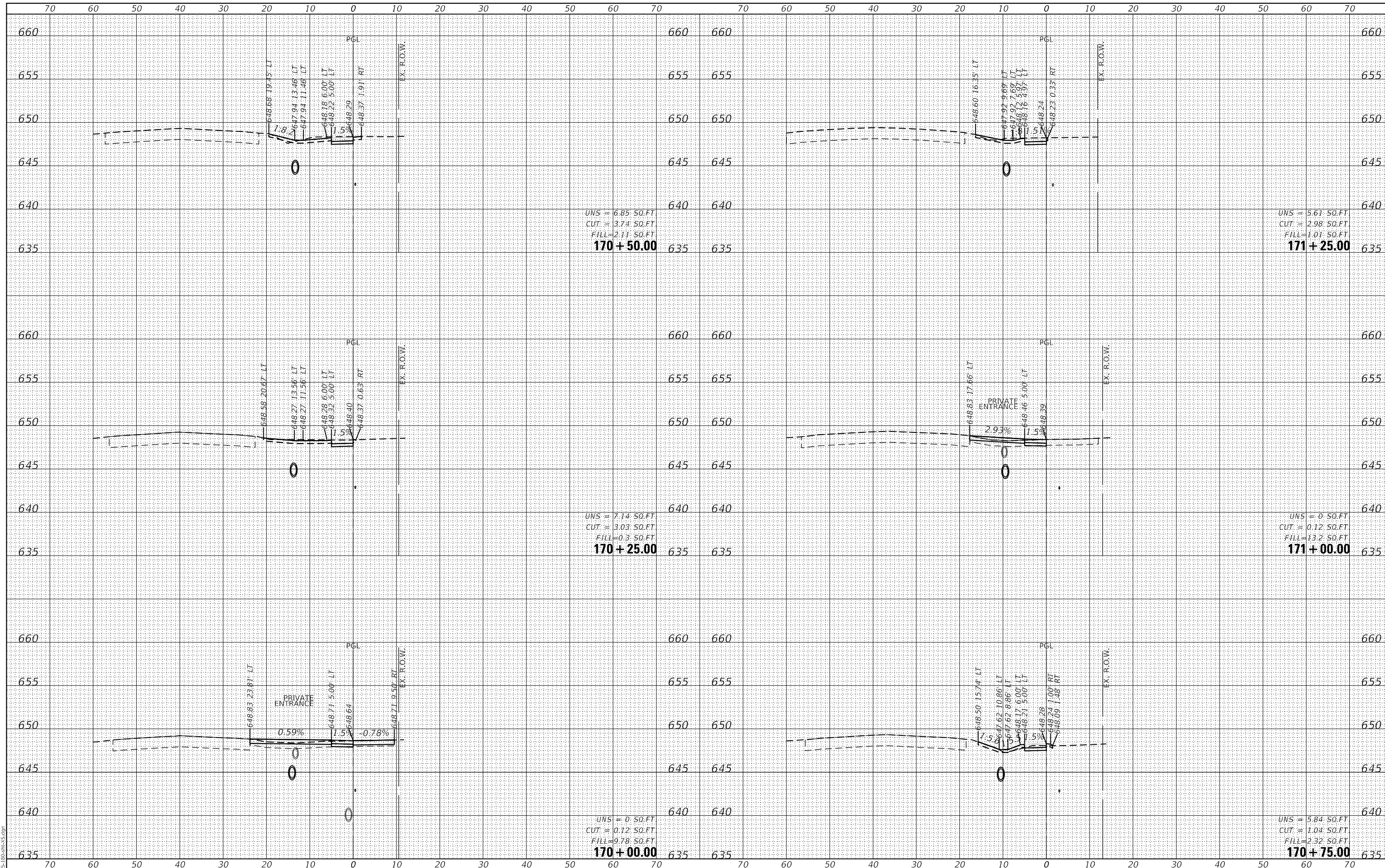
SHEET 24 OF 44 SHEETS
 STA. 168+50.00 TO STA. 169+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	138
				CONTRACT NO. 61153
				ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_25
 FILE NAME: 4755-180-SHT-XS.dgn



UNS = 6.85 SO.FT
 CUT = 3.74 SO.FT
 FILL = 2.11 SO.FT
170 + 50.00

UNS = 7.14 SO.FT
 CUT = 3.03 SO.FT
 FILL = 0.3 SO.FT
170 + 25.00

UNS = 0 SO.FT
 CUT = 0.12 SO.FT
 FILL = 9.78 SO.FT
170 + 00.00

UNS = 5.61 SO.FT
 CUT = 2.98 SO.FT
 FILL = 1.01 SO.FT
171 + 25.00

UNS = 0 SO.FT
 CUT = 0.12 SO.FT
 FILL = 13.2 SO.FT
171 + 00.00

UNS = 5.84 SO.FT
 CUT = 1.04 SO.FT
 FILL = 2.32 SO.FT
170 + 75.00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_25	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

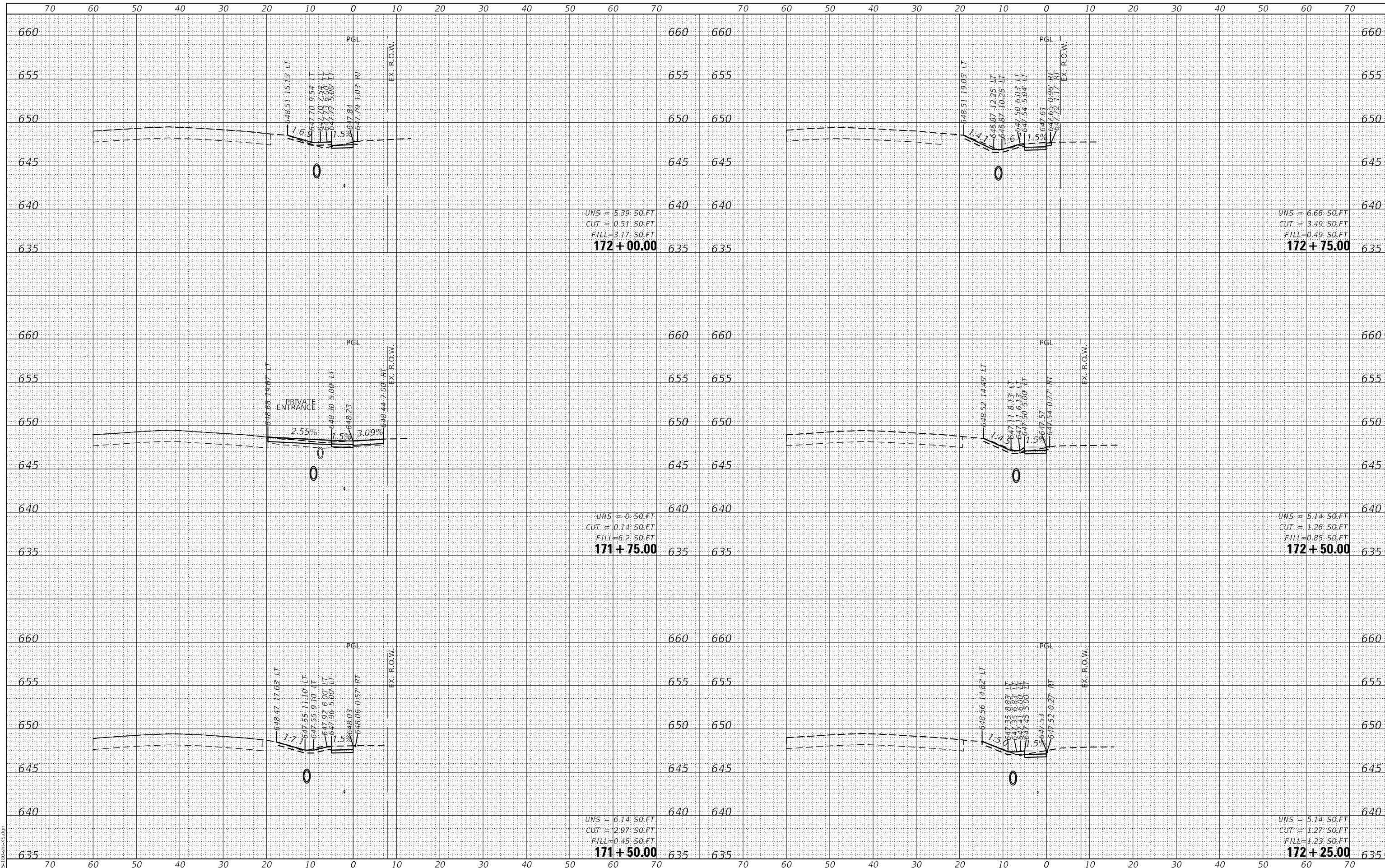
SCALE: H:1"=10'
 V:1"=5'
 SHEET 25 OF 44 SHEETS
 STA. 170+00.00 TO STA. 171+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	139
				CONTRACT NO. 61153
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_26
 FILE NAME: 4755-180-SHT.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_26	CHECKED - MIV
	DATE - 11/9/2023

REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**

SCALE: H:1"=10'
 V:1"=5'

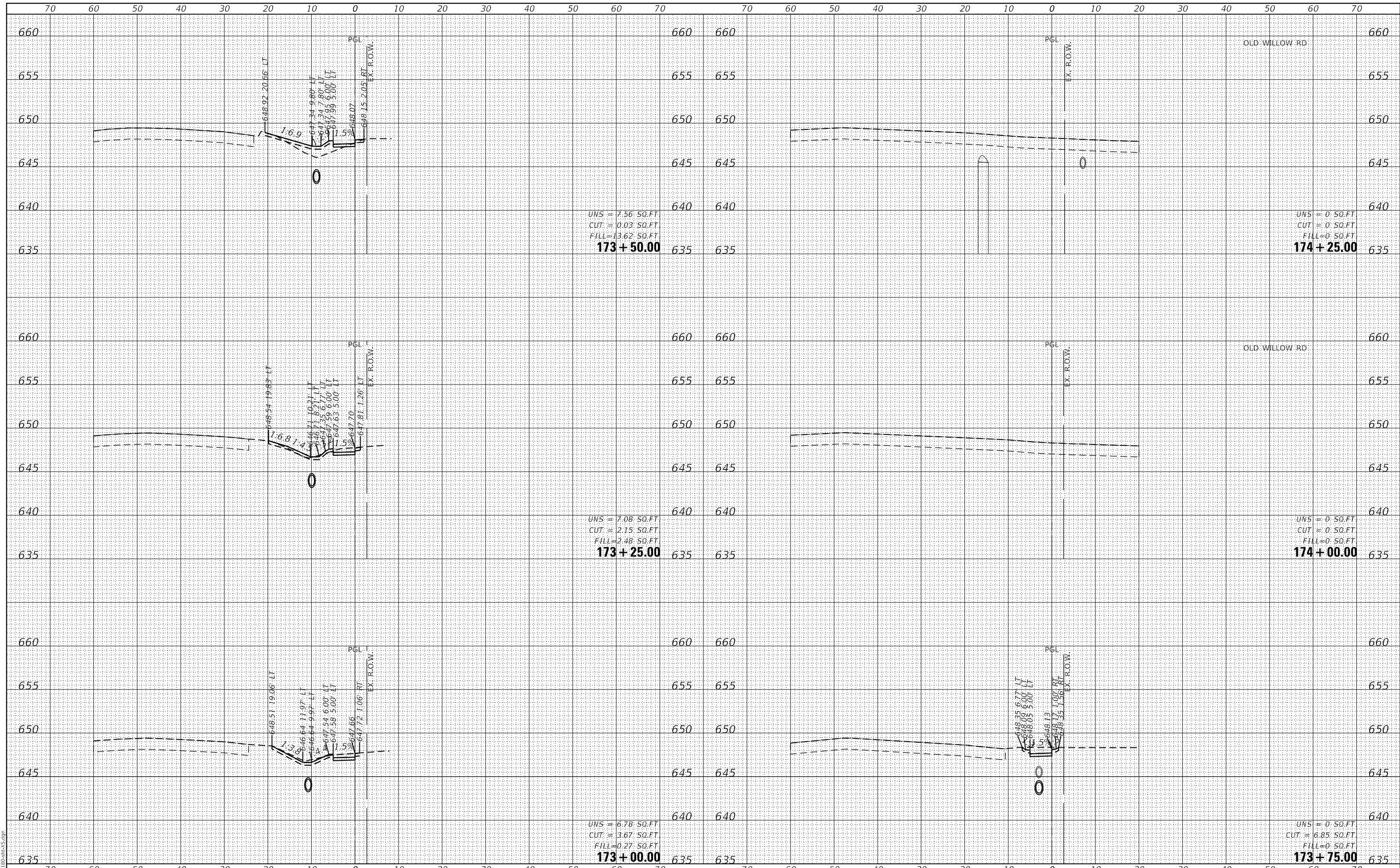
SHEET 26 OF 44 SHEETS
 STA. 171+50.00 TO STA. 172+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	140
				CONTRACT NO. 61153
				ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_27
 FILE NAME: 4755-180-SHT-XS.dgn



FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-sht-XS.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
XS_SHEET_temporary_model_name_27		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

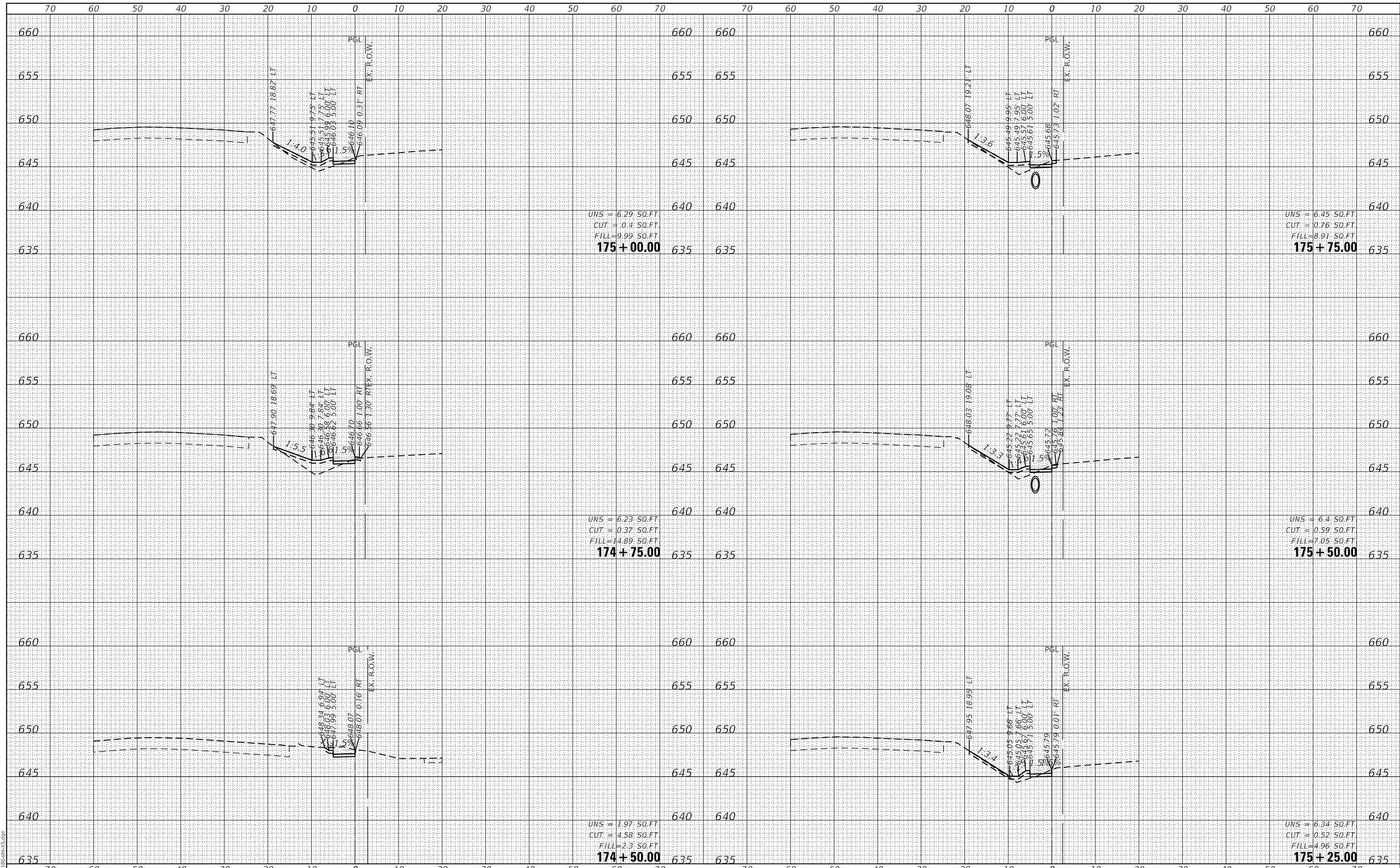
**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 27 OF 44 SHEETS
 STA. 173+00.00 TO STA. 174+25.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	141
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_28
 FILE NAME: 4755-180-SHT-XS.dgn



FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-sht-XS.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
XS_SHEET_temporary_model_name_28		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WOLF ROAD SIDEWALK**

SCALE: H:1"=10'
SHEET 28 OF 44 SHEETS
V:1"=5'

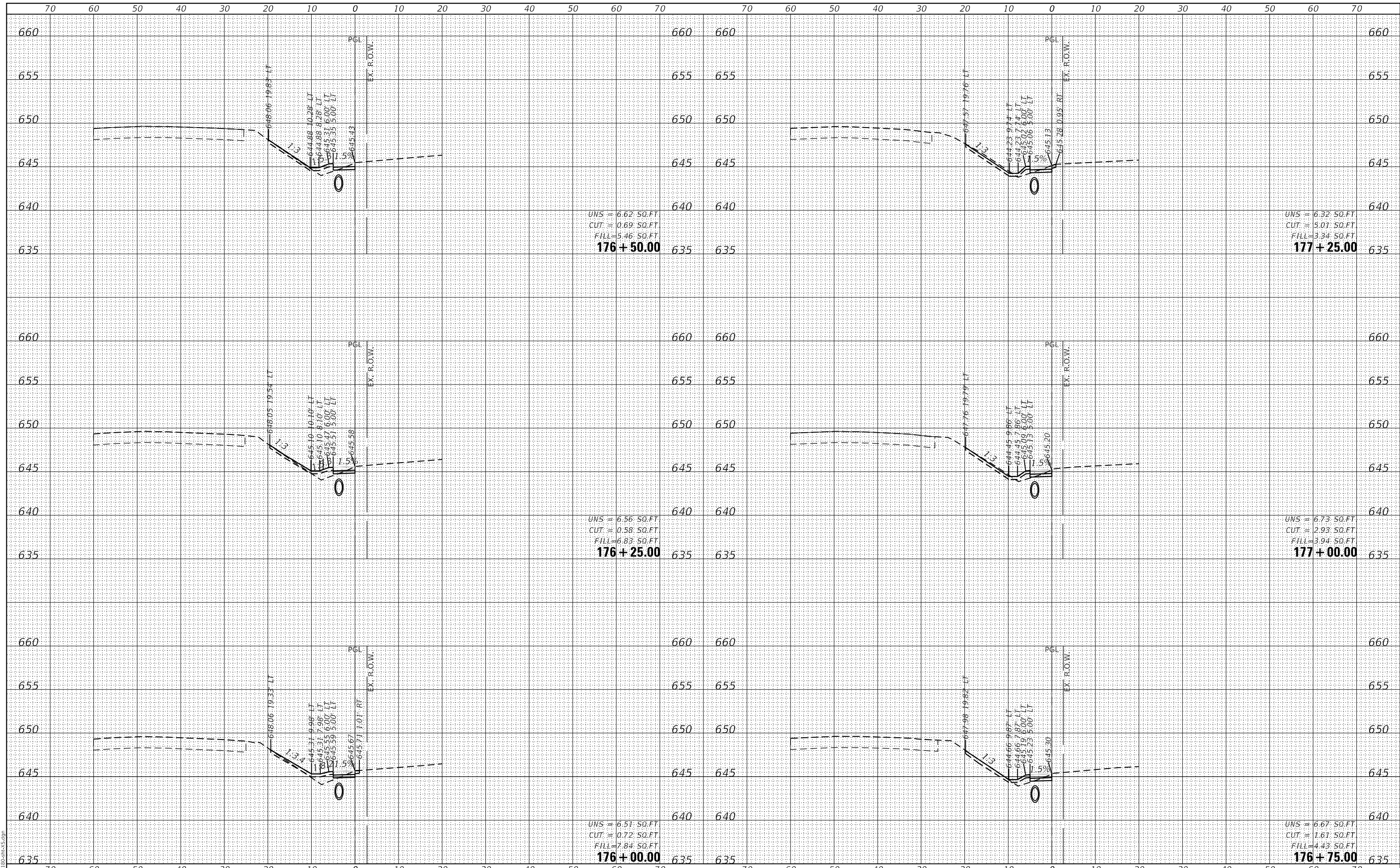
STA. 174+50.00 TO STA. 175+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	142
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_29
 FILE NAME: 4755-180-SHT-XS.dgn



UNS = 6.62 SQ.FT
 CUT = 0.69 SQ.FT
 FILL = 5.46 SQ.FT
176 + 50.00

UNS = 6.32 SQ.FT
 CUT = 5.01 SQ.FT
 FILL = 3.34 SQ.FT
177 + 25.00

UNS = 6.56 SQ.FT
 CUT = 0.58 SQ.FT
 FILL = 6.83 SQ.FT
176 + 25.00

UNS = 6.73 SQ.FT
 CUT = 2.93 SQ.FT
 FILL = 3.94 SQ.FT
177 + 00.00

UNS = 6.51 SQ.FT
 CUT = 0.72 SQ.FT
 FILL = 7.84 SQ.FT
176 + 00.00

UNS = 6.67 SQ.FT
 CUT = 1.61 SQ.FT
 FILL = 4.43 SQ.FT
176 + 75.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_29	CHECKED - MIV
	DATE - 11/9/2023

REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 29 OF 44 SHEETS
 STA. 176+00.00 TO STA. 177+25.00
 V:1"=5'

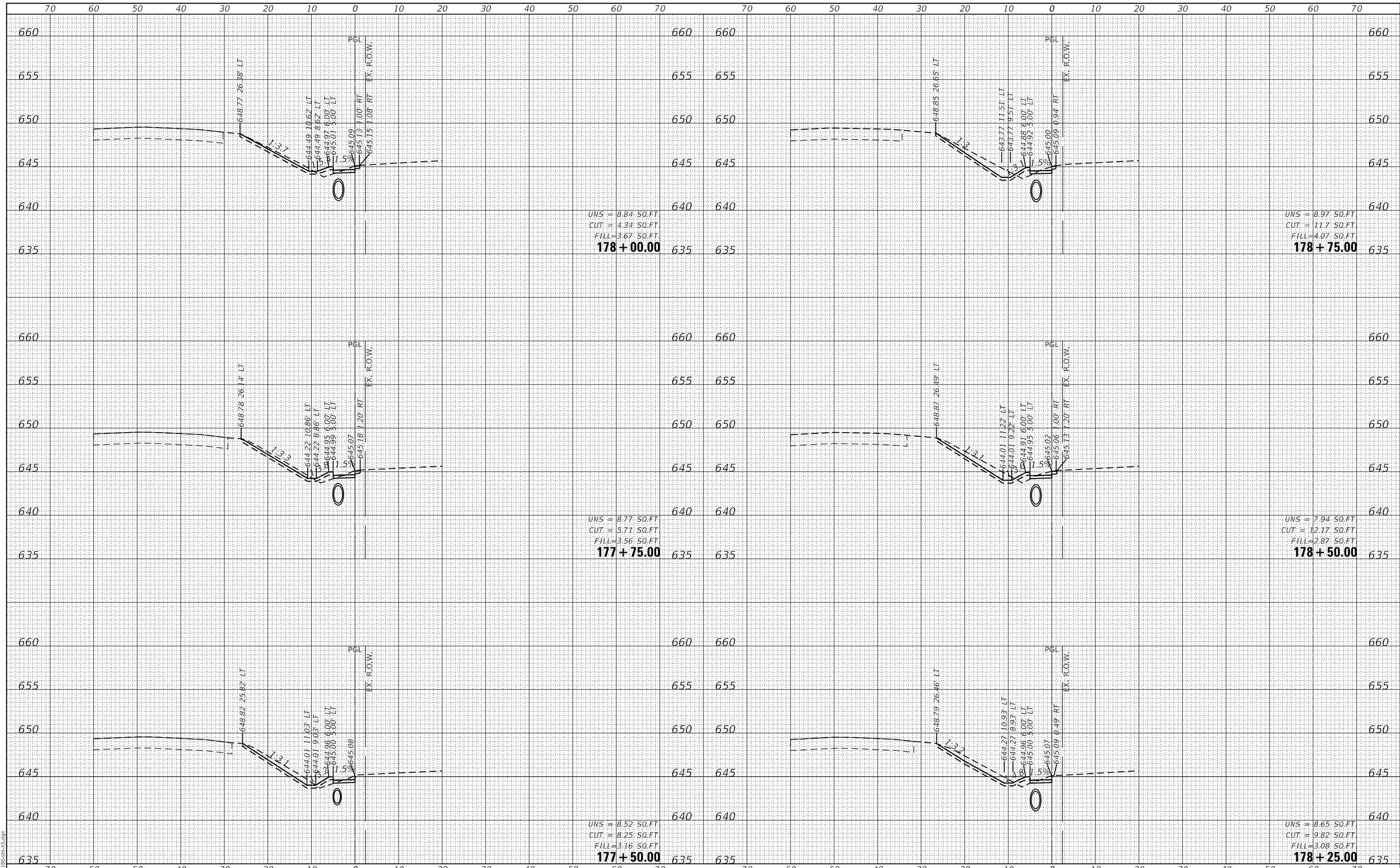
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	143
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_30
 FILE NAME: 4755-180-SHT.dgn



UNS = 8.84 SQ.FT
 CUT = 4.34 SQ.FT
 FILL = 3.67 SQ.FT
178 + 00.00

UNS = 8.97 SQ.FT
 CUT = 11.7 SQ.FT
 FILL = 4.07 SQ.FT
178 + 75.00

UNS = 8.77 SQ.FT
 CUT = 5.71 SQ.FT
 FILL = 3.56 SQ.FT
177 + 75.00

UNS = 7.94 SQ.FT
 CUT = 12.17 SQ.FT
 FILL = 2.87 SQ.FT
178 + 50.00

UNS = 8.52 SQ.FT
 CUT = 8.25 SQ.FT
 FILL = 3.16 SQ.FT
177 + 50.00

UNS = 8.65 SQ.FT
 CUT = 9.82 SQ.FT
 FILL = 3.08 SQ.FT
178 + 25.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_30	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 30 OF 44 SHEETS
 STA. 177+50.00 TO STA. 178+75.00
 V:1"=5'

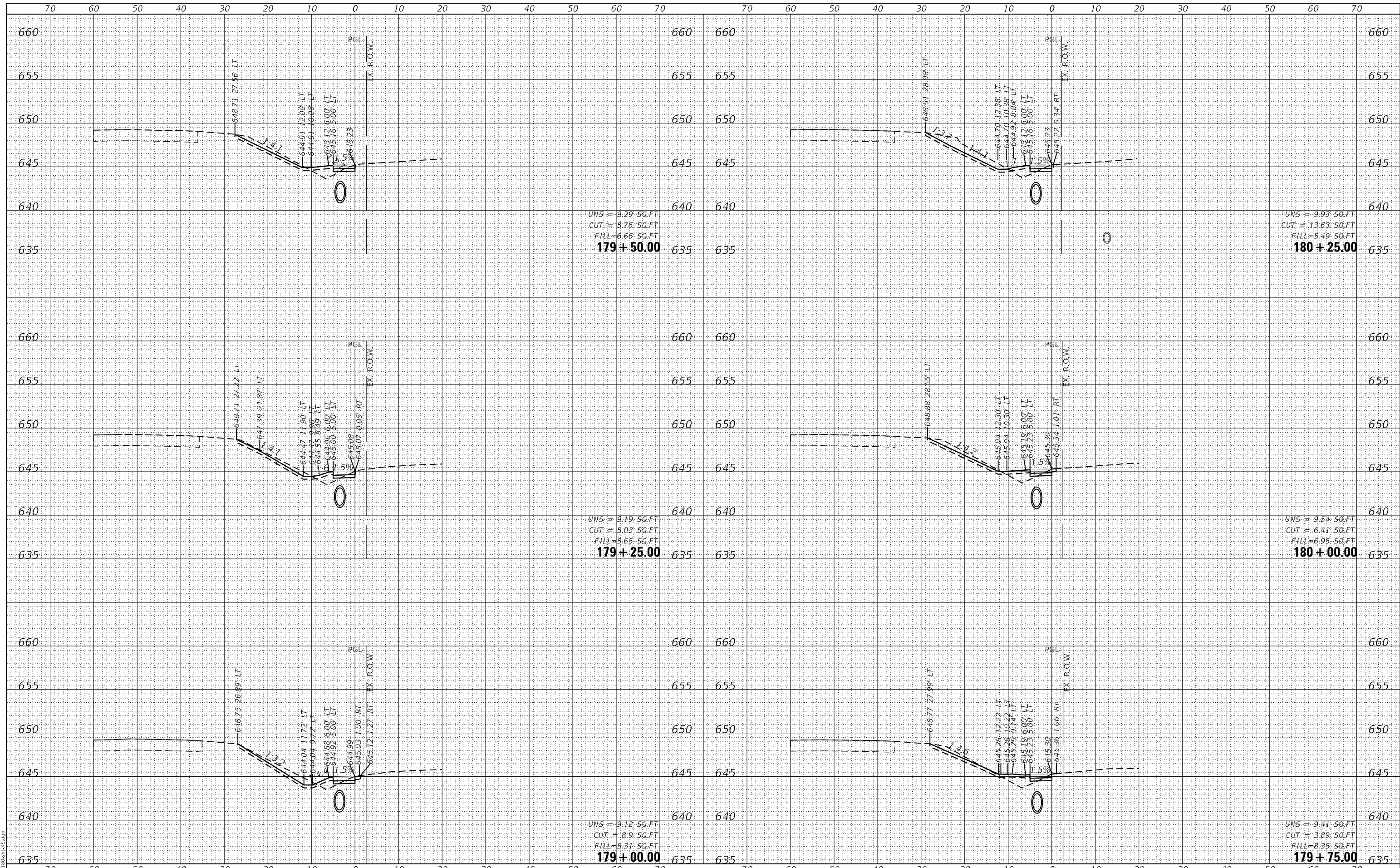
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	144
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_31
 FILE NAME: 4755-180-RS.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_31	CHECKED - MIV
	DATE - 11/9/2023

REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

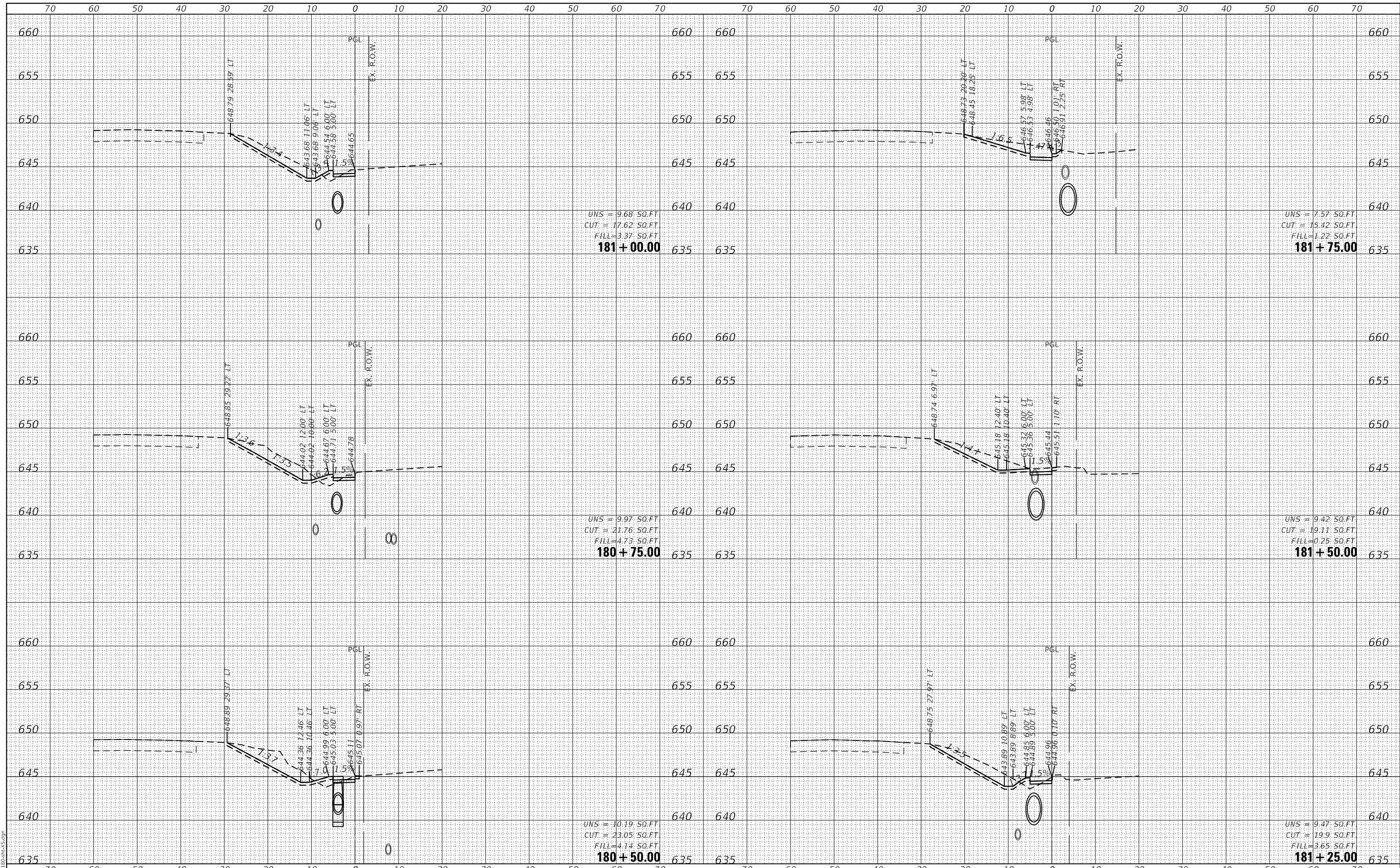
**CROSS SECTIONS
WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 31 OF 44 SHEETS
 STA. 179+00.00 TO STA. 180+25.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	145
				CONTRACT NO. 61153
ILLINOIS FED. AID PROJECT				

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

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


GEORGE HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_32
 FILE NAME: 4755-180-SW.dgn



UNS = 9.68 SQ.FT
 CUT = 17.62 SQ.FT
 FILL = 3.37 SQ.FT
181 + 00.00

UNS = 9.97 SQ.FT
 CUT = 21.76 SQ.FT
 FILL = 4.73 SQ.FT
180 + 75.00

UNS = 10.19 SQ.FT
 CUT = 23.05 SQ.FT
 FILL = 4.14 SQ.FT
180 + 50.00

UNS = 7.57 SQ.FT
 CUT = 15.42 SQ.FT
 FILL = 1.22 SQ.FT
181 + 75.00

UNS = 9.42 SQ.FT
 CUT = 19.11 SQ.FT
 FILL = 0.25 SQ.FT
181 + 50.00

UNS = 9.47 SQ.FT
 CUT = 19.9 SQ.FT
 FILL = 3.65 SQ.FT
181 + 25.00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WOLF ROAD SIDEWALK

FILE NAME =	USER NAME = mvasak
4755-180-sht-X5.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_32	CHECKED - MIV
	DATE - 11/9/2023

REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION

SCALE: H:1"=10'
 SHEET 32 OF 44 SHEETS
 STA. 180+50.00 TO STA. 181+75.00

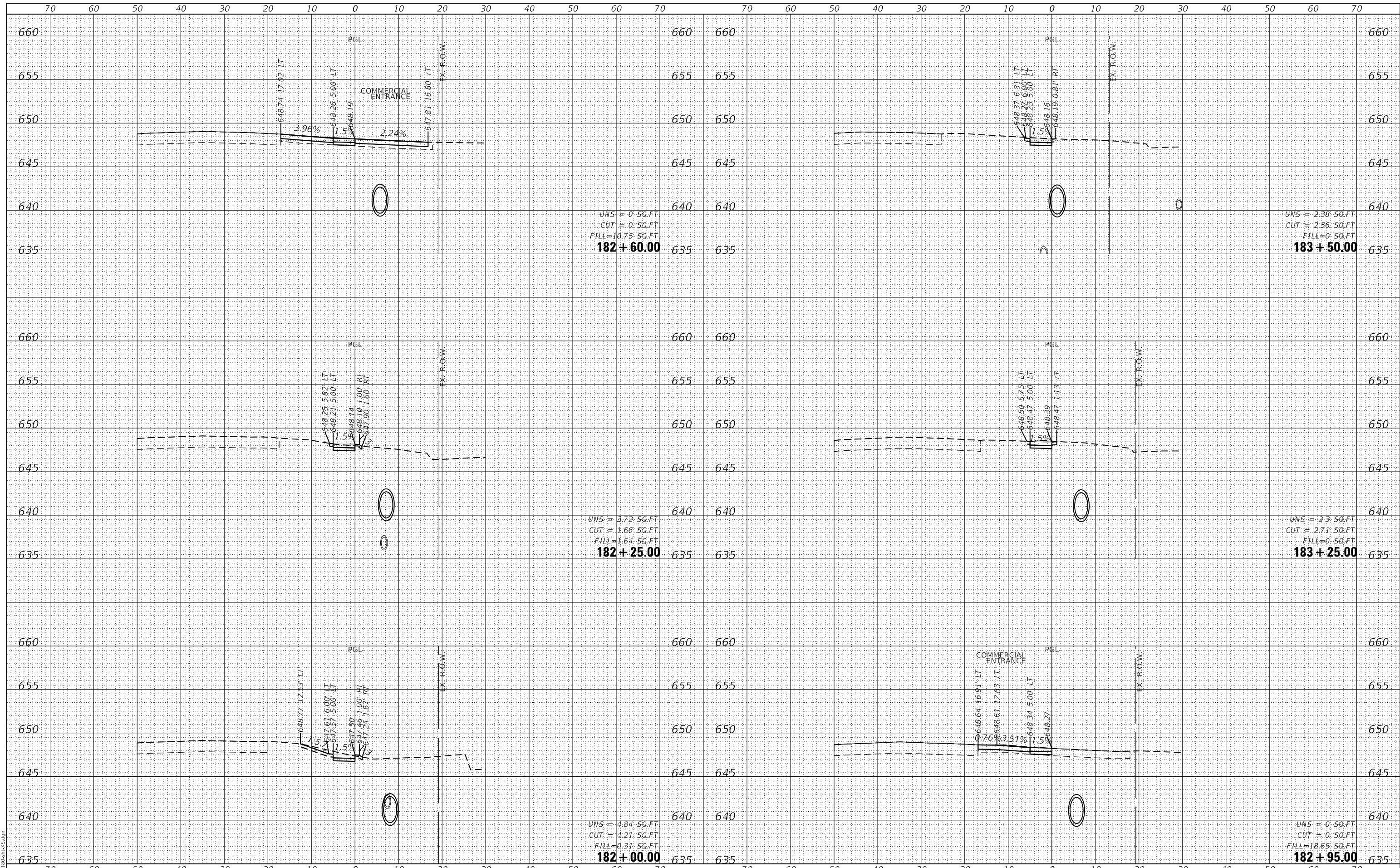
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	146
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_33
 FILE NAME: 4755-180-RS.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_33	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

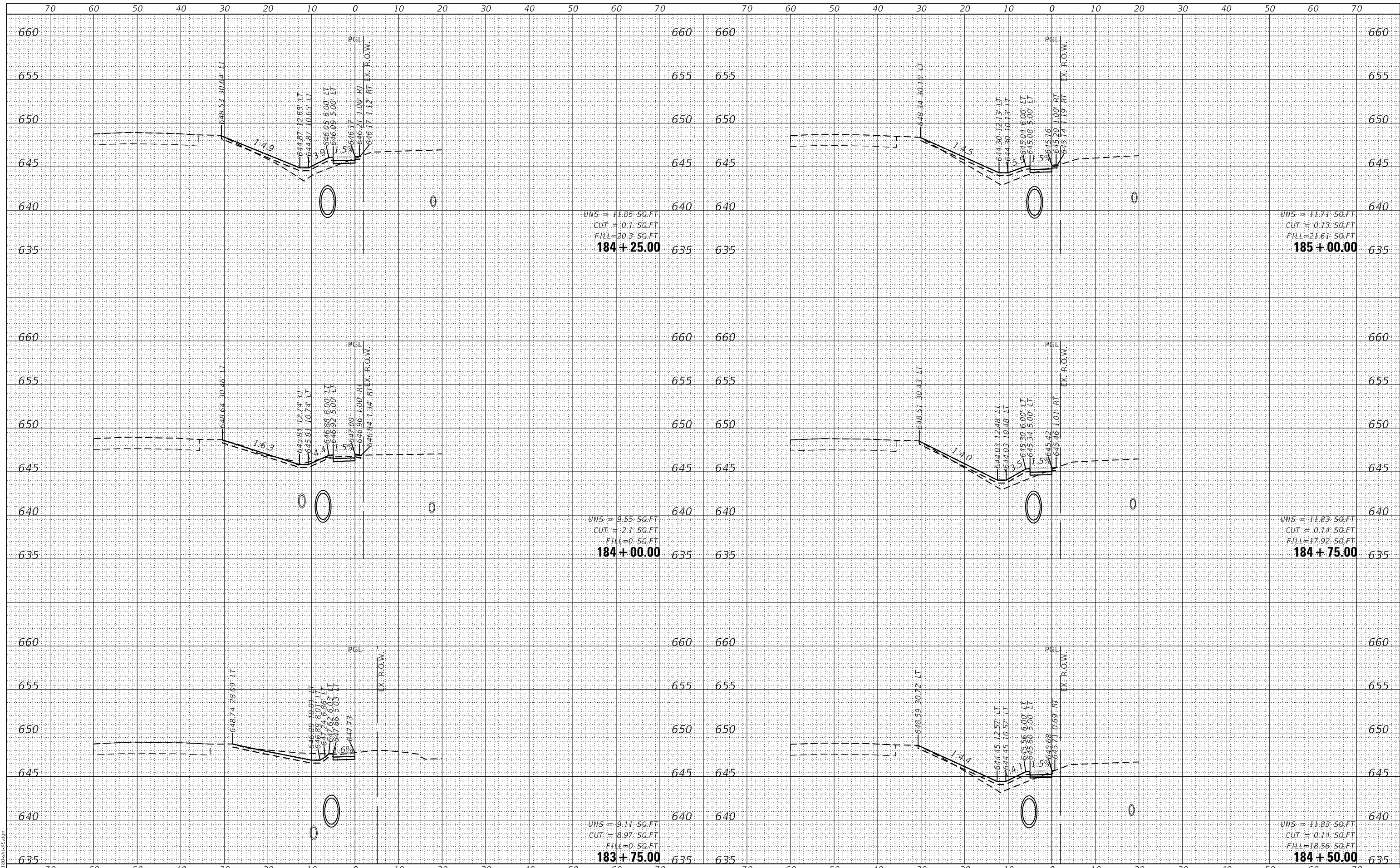
**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 33 OF 44 SHEETS
 STA. 182+00.00 TO STA. 183+50.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	147
			CONTRACT NO. 61153	
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_34
 FILE NAME: 4755-180-SHT-XS.dgn



FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-sht-XS.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
XS_SHEET_temporary_model_name_34		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 34 OF 44 SHEETS
 STA. 183+75.00 TO STA. 185+00.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	148
				CONTRACT NO. 61153

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.

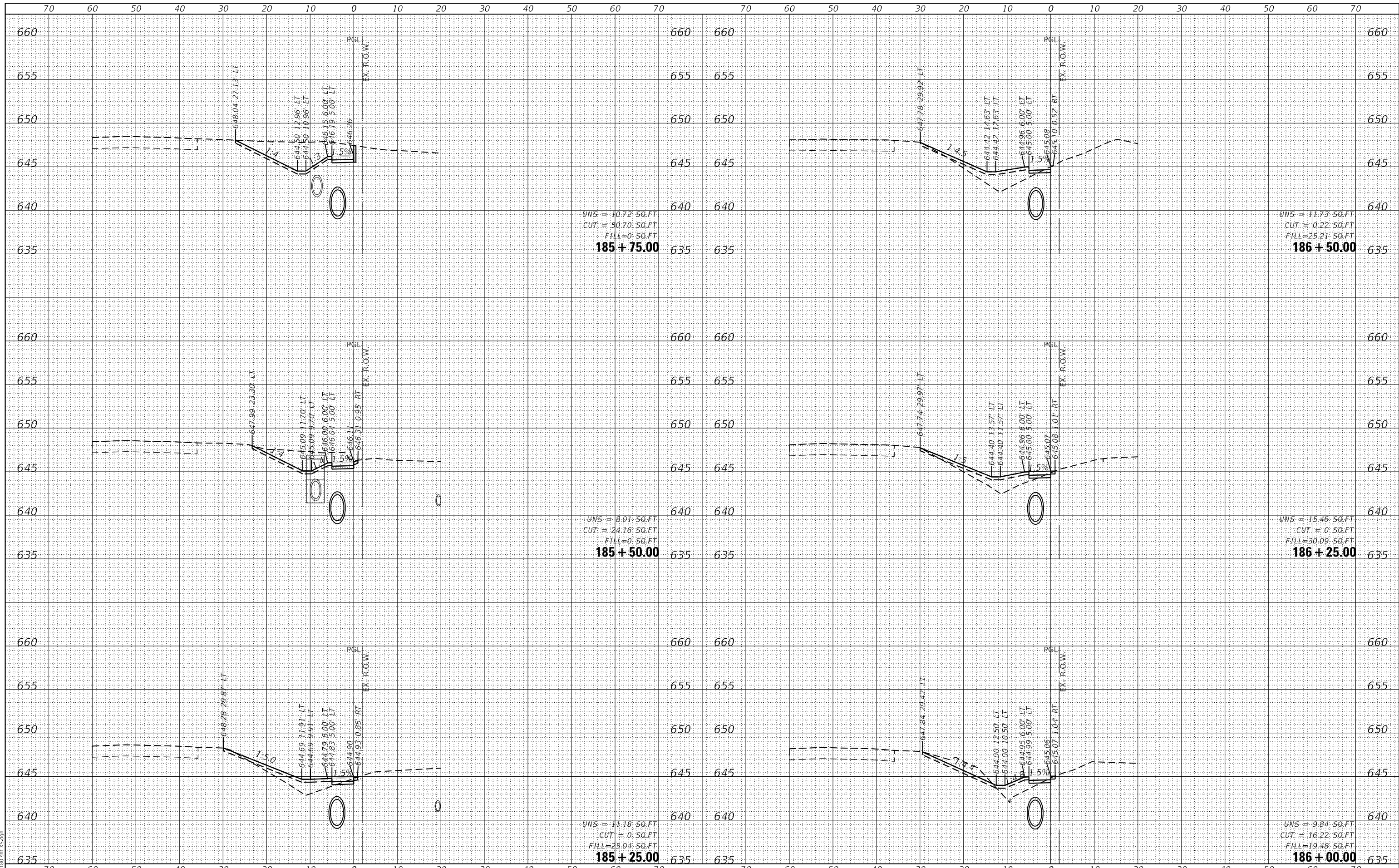
MODEL: XS_SHEET_temporary_model_name_35
FILE NAME: 4755-180-SW.dgn

FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-sht-XS.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
XS_SHEET_temporary_model_name_35		DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
WOLF ROAD SIDEWALK			
SCALE: H:1"=10'	SHEET 35	OF 44 SHEETS	STA. 185+25.00 TO STA. 186+50.00
V:1"=5'			

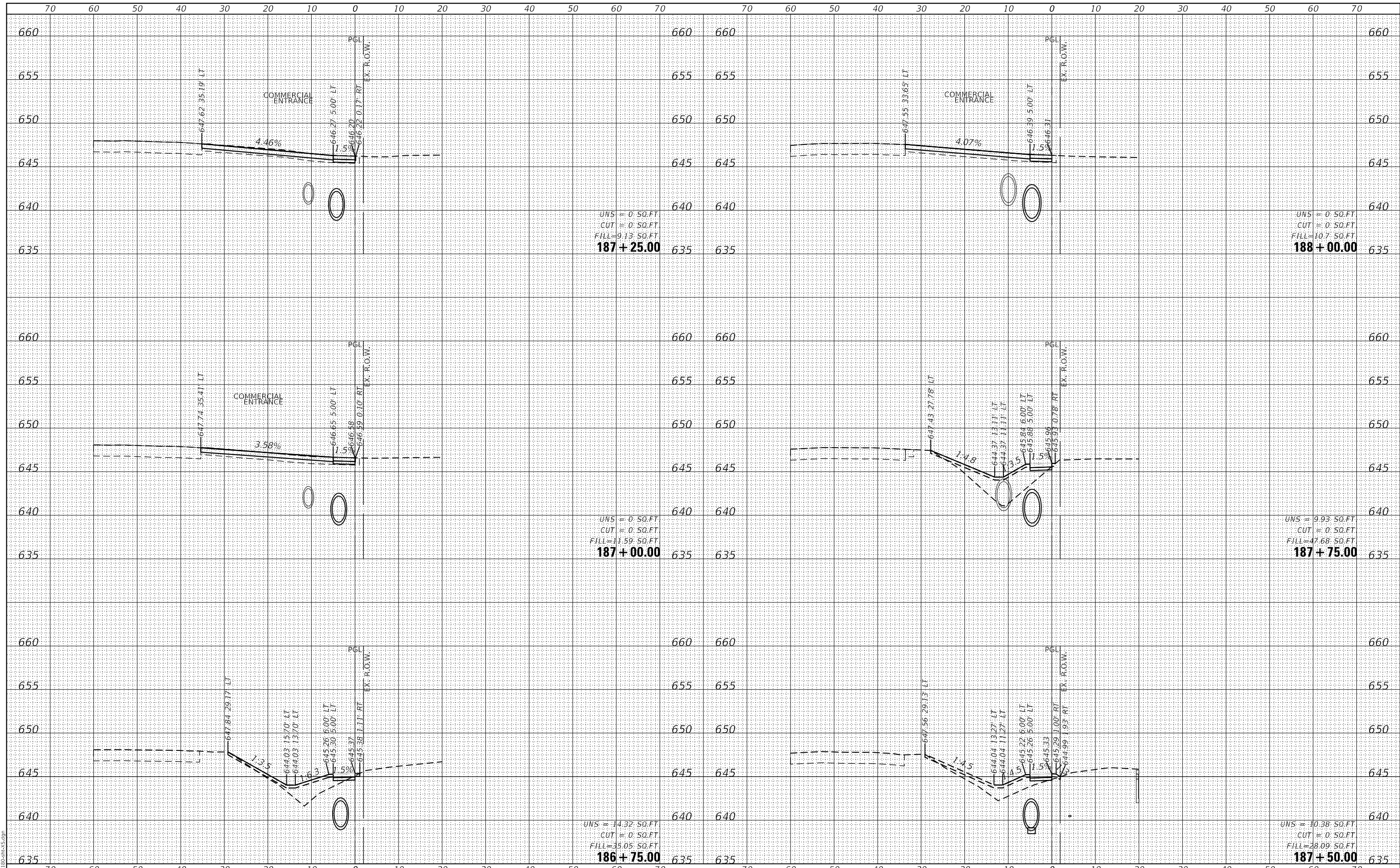
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	149
				CONTRACT NO. 61153
				ILLINOIS FED. AID PROJECT



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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_36
 FILE NAME: 4755-180-SHT.XSDGN



FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-sht-XS.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
XS_SHEET_temporary_model_name_36		DATE - 11/9/2023	REVISED -

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

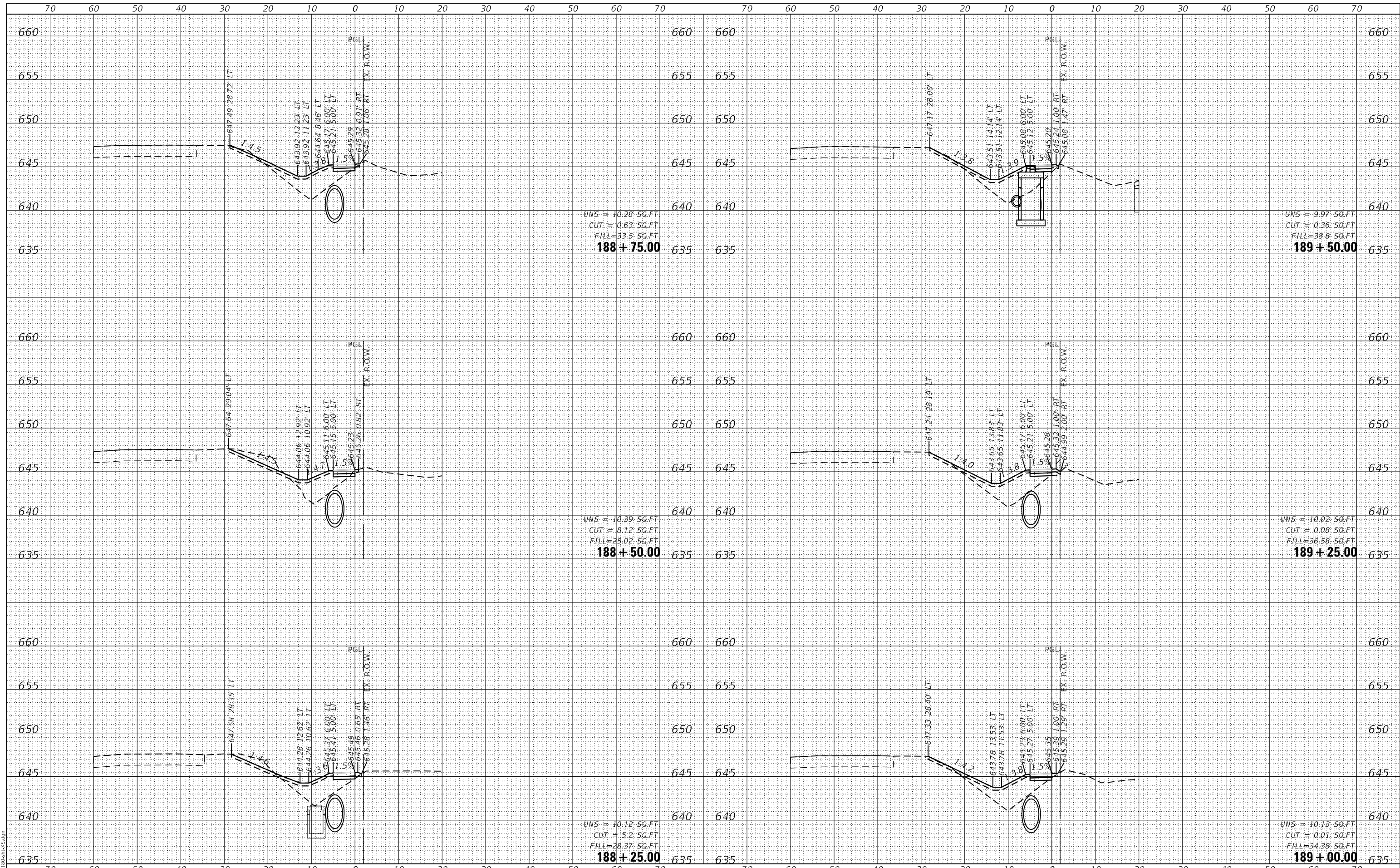
CROSS SECTIONS			
WOLF ROAD SIDEWALK			
SCALE: H:1"=10'	SHEET 36 OF 44 SHEETS	STA. 186+75.00	TO STA. 188+00.00
V:1"=5'			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	150
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_37
 FILE NAME: 4755-180-sht-XS.dgn



FILE NAME =	USER NAME = mvasak	DESIGNED - MIV	REVISED -
4755-180-sht-XS.dgn		DRAWN - PJS	REVISED -
4755.18		CHECKED - MIV	REVISED -
XS_SHEET_temporary_model_name_37		DATE - 11/9/2023	REVISED -

SCALE = 1:20	DATE = 11/9/2023
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

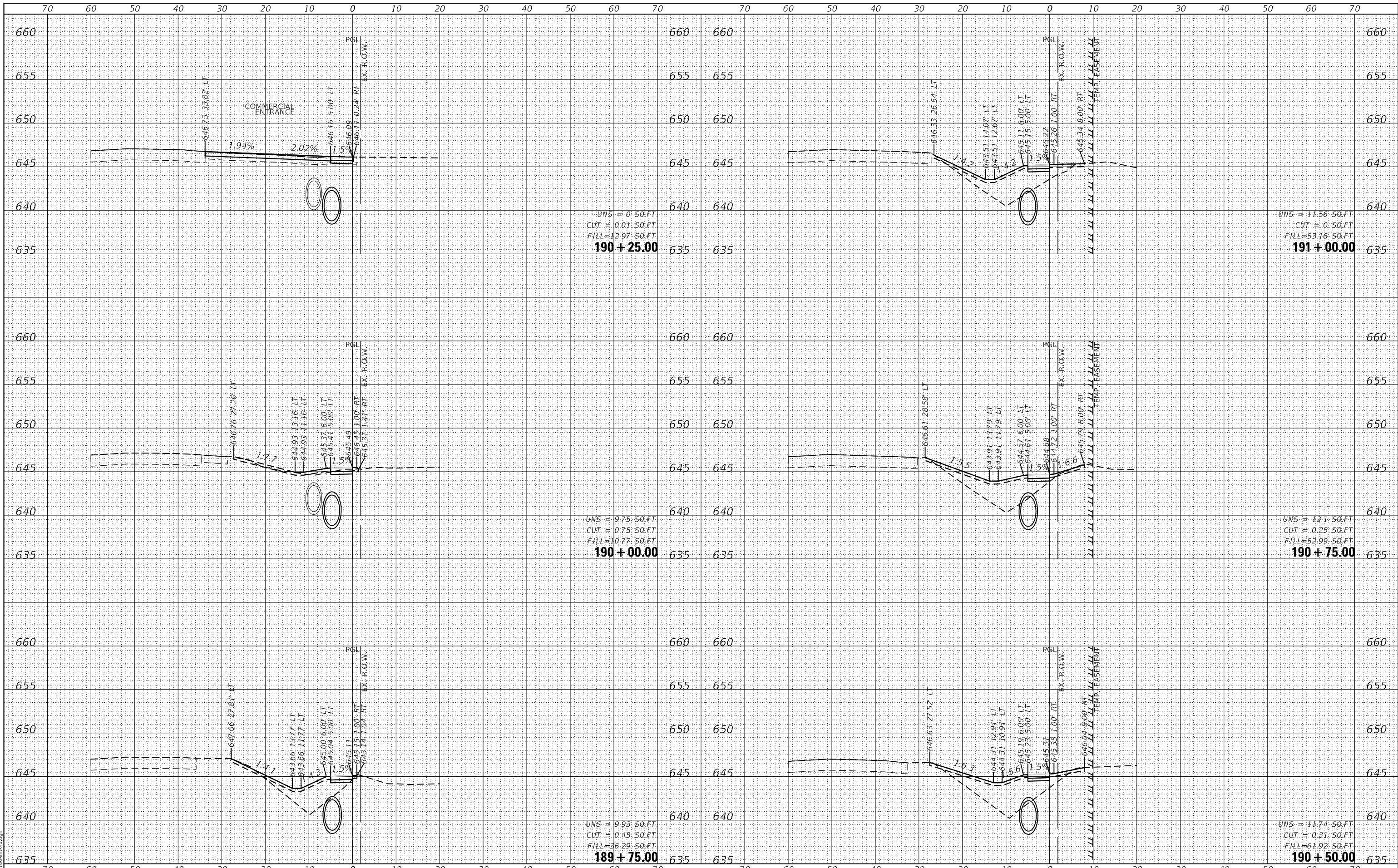
**CROSS SECTIONS
WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 37 OF 44 SHEETS
 STA. 188+25.00 TO STA. 189+50.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	151
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_38
 FILE NAME: 4755-180-SHT.dgn

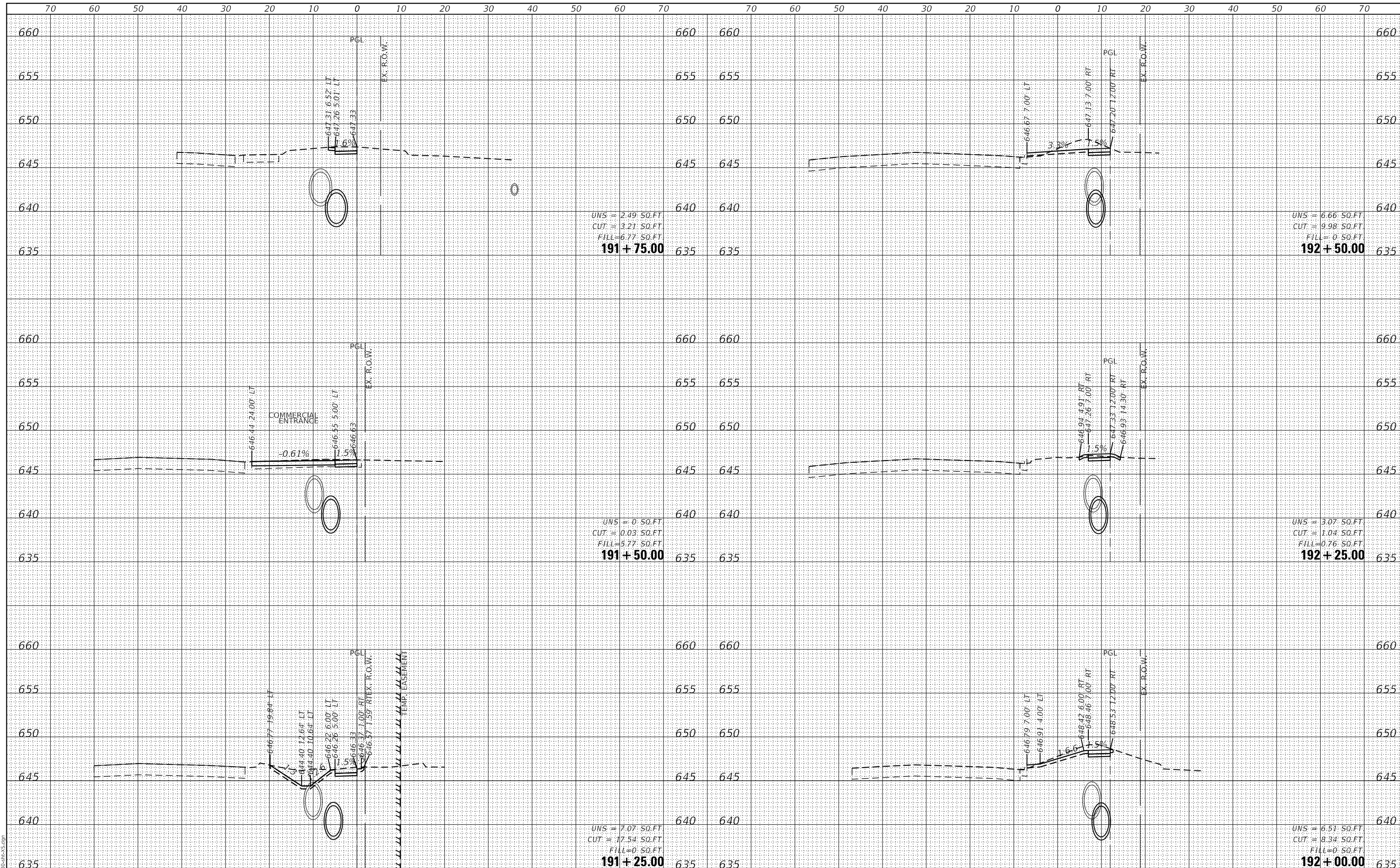


FILE NAME = 4755-180-sht-XS.dgn	USER NAME = mvasak	DESIGNED - MIV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WOLF ROAD SIDEWALK			F.A.U. RTE. 2692	SECTION 19-00054-00-SW	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 152			
4755.18	PLOT SCALE = 1:20	CHECKED - MIV	REVISED -					SCALE: H:1"=10'	SHEET 38	OF 44 SHEETS	STA. 189+75.00	TO STA. 191+00.00	CONTRACT NO. 61153		
XS_SHEET_temporary_model_name_38	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -					ILLINOIS FED. AID PROJECT							

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_39
 FILE NAME: 4755-180-sht-XS.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_39	CHECKED - MIV
	DATE - 11/9/2023
	REVISD -

DESIGNED - MIV	REVISD -
DRAWN - PJS	REVISD -
CHECKED - MIV	REVISD -
DATE - 11/9/2023	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

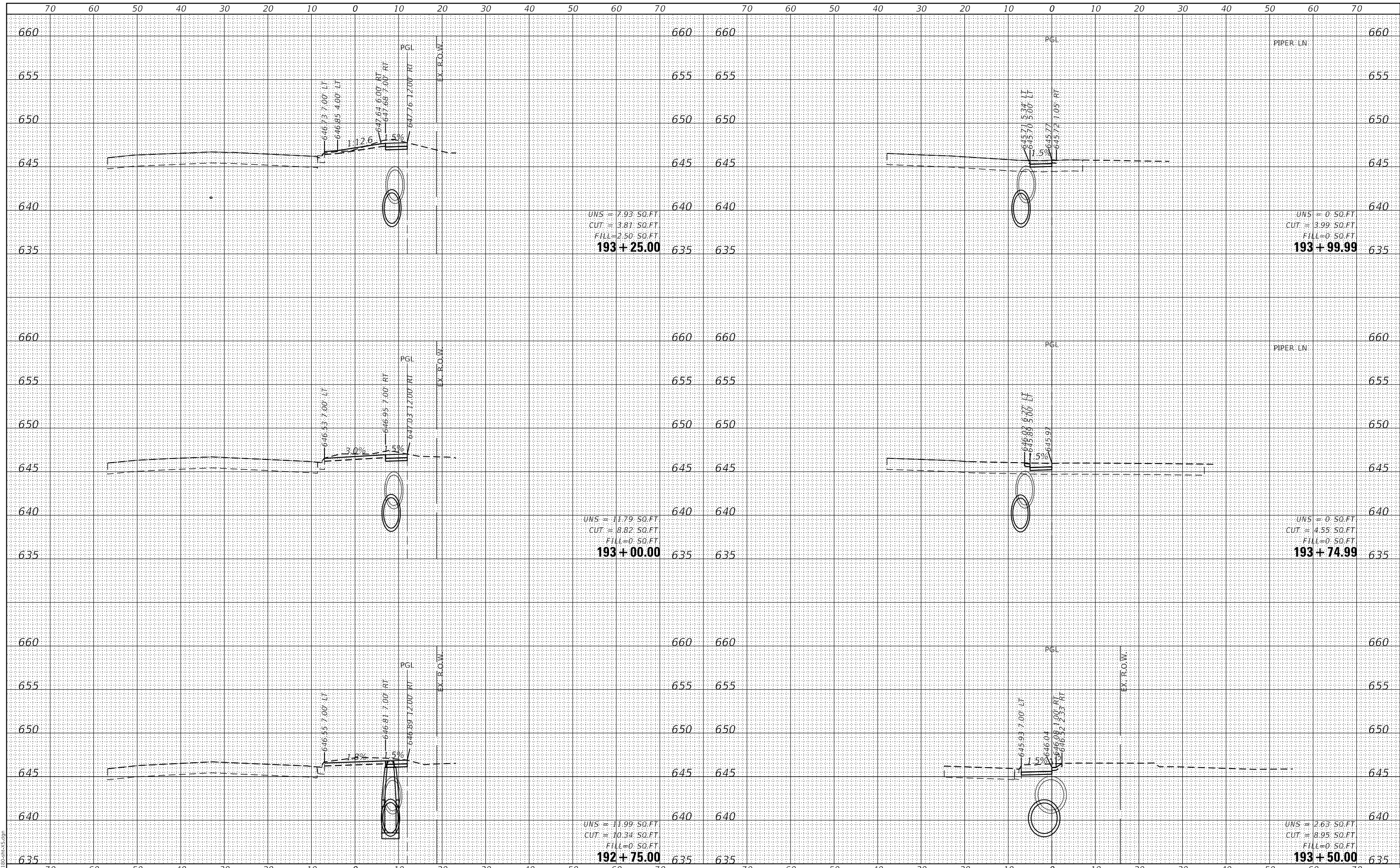
**CROSS SECTIONS
WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 39 OF 44 SHEETS
 STA. 191+25.00 TO STA. 192+50.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	153
				CONTRACT NO. 61153
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_40
 FILE NAME: 4755-180-SHT-XS.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_40	CHECKED - MIV
	DATE - 11/9/2023
	REVISOR -

DESIGNED - MIV	REVISOR -
DRAWN - PJS	REVISOR -
CHECKED - MIV	REVISOR -
DATE - 11/9/2023	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

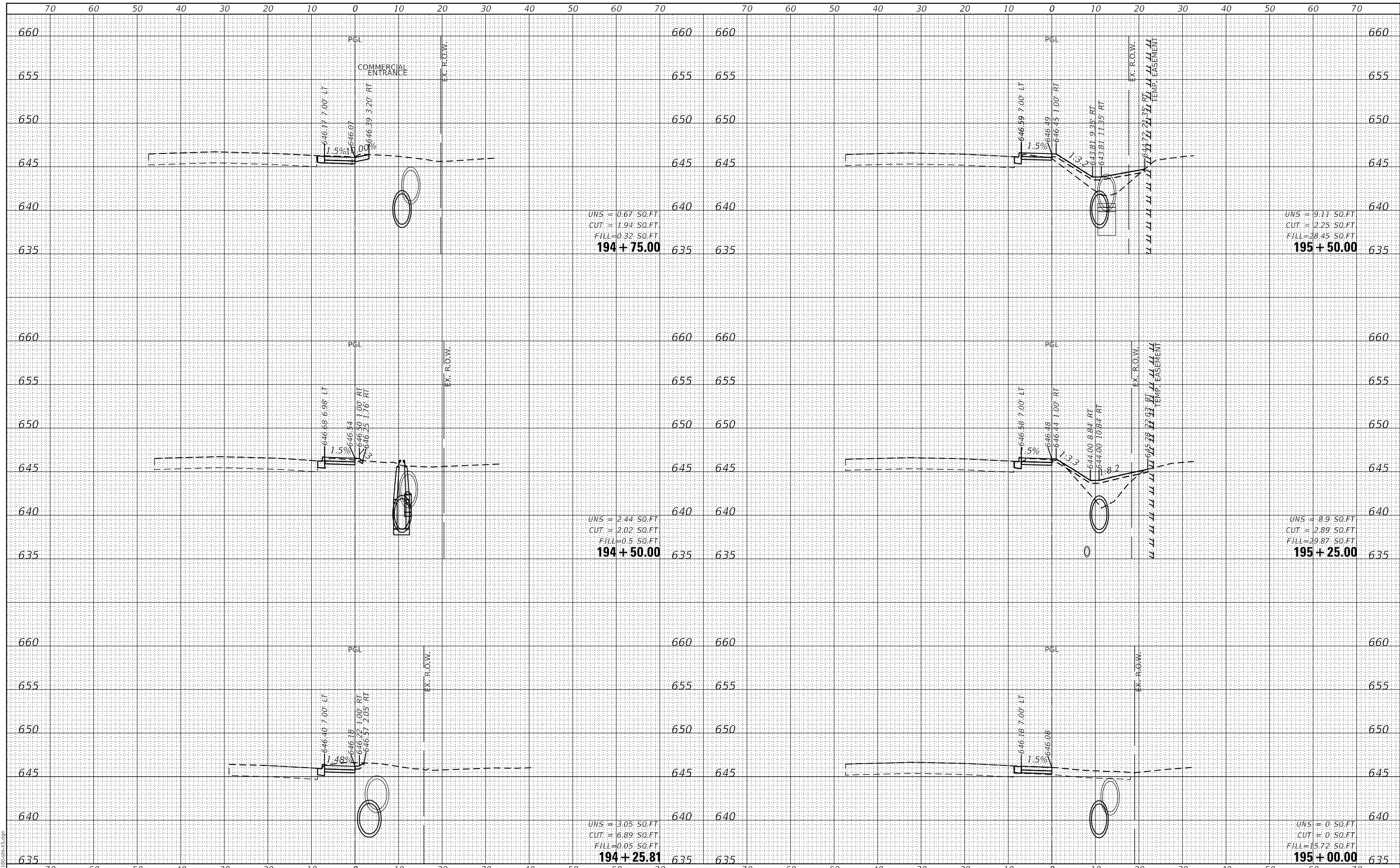
**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 40 OF 44 SHEETS STA. 192+75.00 TO STA. 193+99.99
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	154
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_41
 FILE NAME: 4755-180-SHT.XSDGN



UNS = 0.67 SQ.FT
 CUT = 1.94 SQ.FT
 FILL = 0.32 SQ.FT
194 + 75.00

UNS = 2.44 SQ.FT
 CUT = 2.02 SQ.FT
 FILL = 0.5 SQ.FT
194 + 50.00

UNS = 3.05 SQ.FT
 CUT = 6.89 SQ.FT
 FILL = 0.05 SQ.FT
194 + 25.81

UNS = 9.11 SQ.FT
 CUT = 2.25 SQ.FT
 FILL = 28.45 SQ.FT
195 + 50.00

UNS = 8.9 SQ.FT
 CUT = 2.89 SQ.FT
 FILL = 29.87 SQ.FT
195 + 25.00

UNS = 0 SQ.FT
 CUT = 0 SQ.FT
 FILL = 15.72 SQ.FT
195 + 00.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_41	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 41 OF 44 SHEETS
 STA. 194+25.81 TO STA. 195+50.00
 V:1"=5'

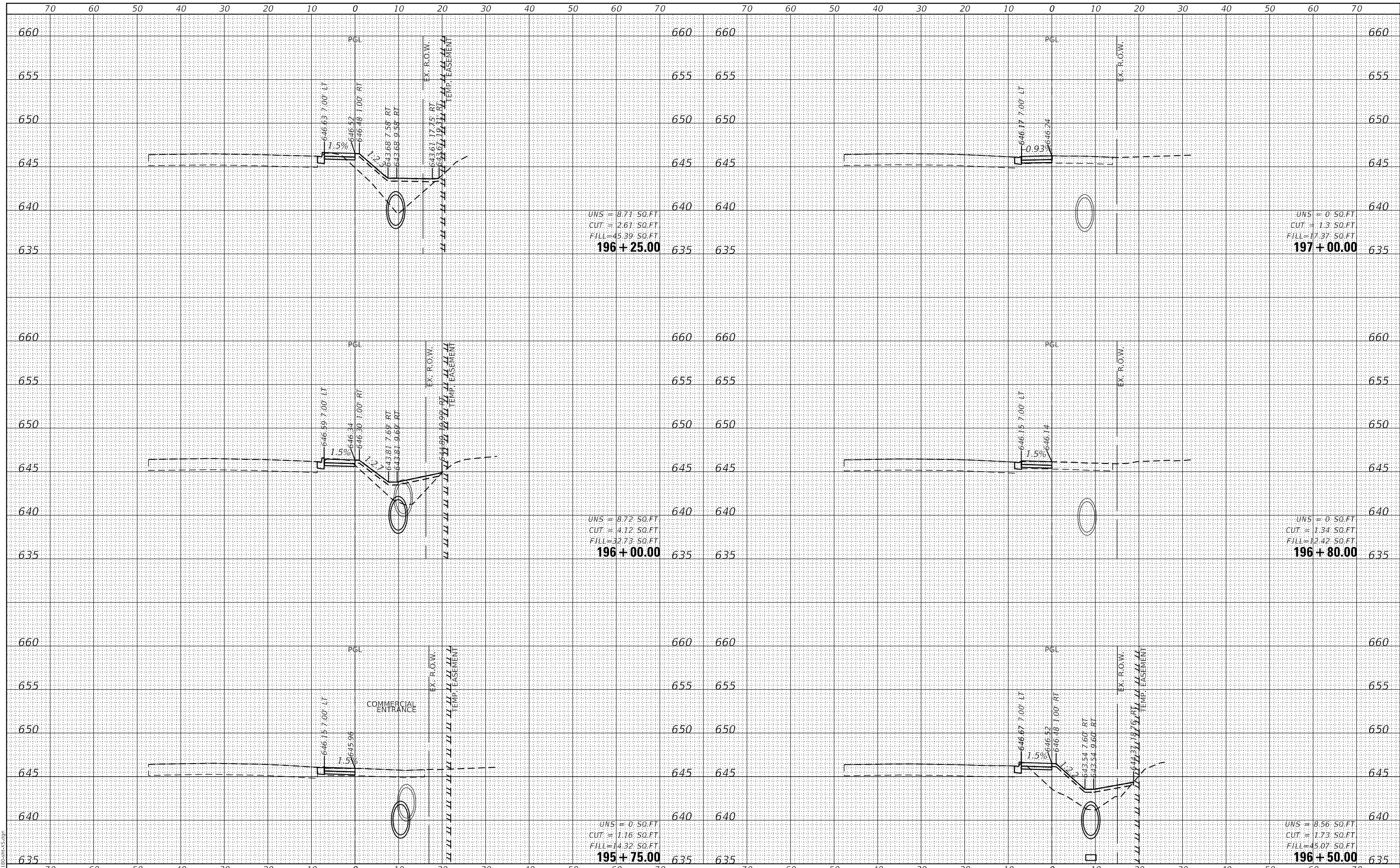
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	155
CONTRACT NO. 61153				

ILLINOIS FED. AID PROJECT

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_42
 FILE NAME: 4755-180-SHT.dgn



UNS = 8.71 SO.FT
 CUT = 2.61 SO.FT
 FILL = 45.39 SO.FT
196 + 25.00

UNS = 8.72 SO.FT
 CUT = 4.12 SO.FT
 FILL = 32.73 SO.FT
196 + 00.00

UNS = 0 SO.FT
 CUT = 1.18 SO.FT
 FILL = 14.32 SO.FT
196 + 75.00

UNS = 0 SO.FT
 CUT = 1.3 SO.FT
 FILL = 17.37 SO.FT
197 + 00.00

UNS = 0 SO.FT
 CUT = 1.34 SO.FT
 FILL = 12.42 SO.FT
196 + 80.00

UNS = 8.56 SO.FT
 CUT = 1.73 SO.FT
 FILL = 45.07 SO.FT
196 + 50.00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WOLF ROAD SIDEWALK**

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_42	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

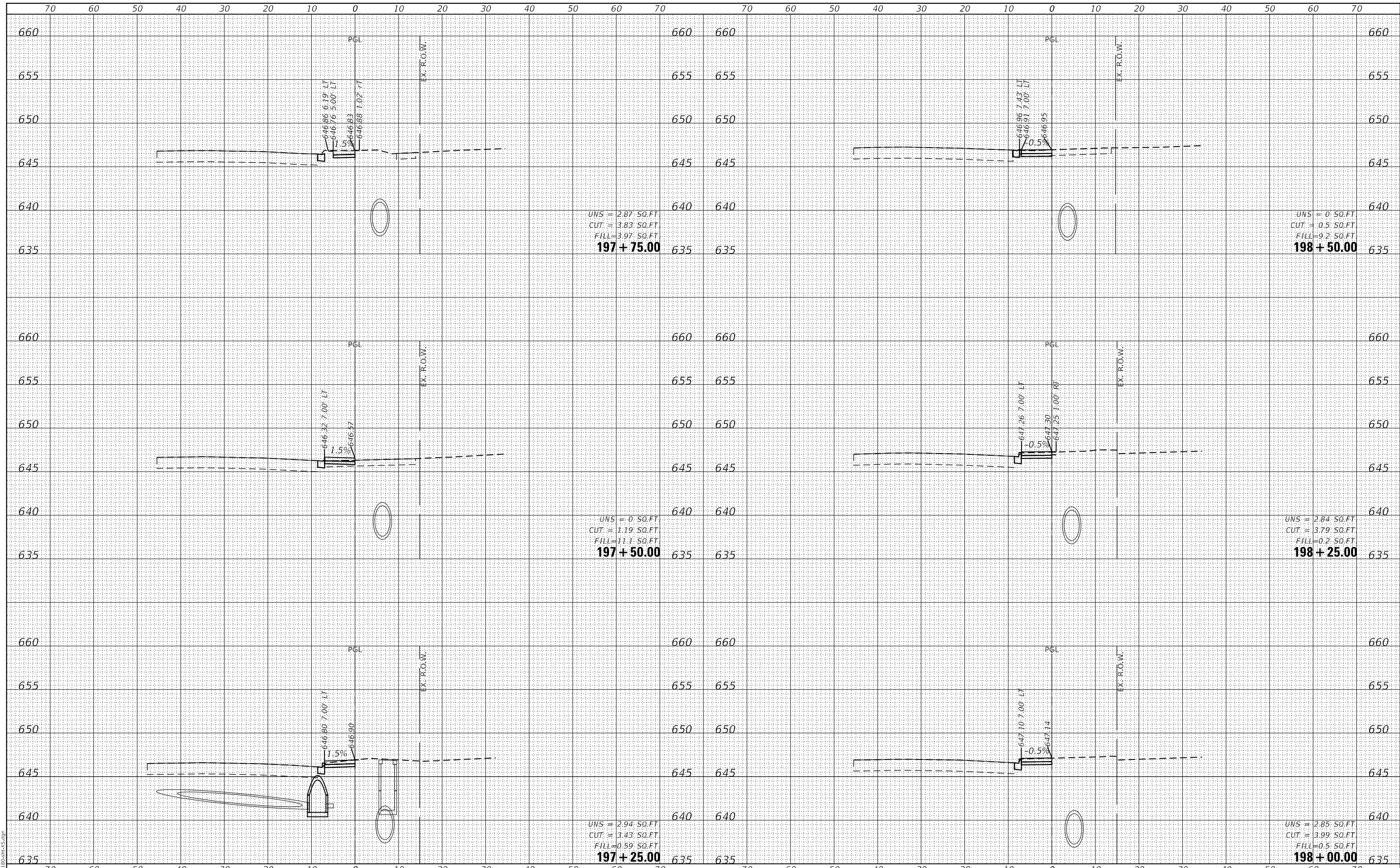
SCALE: H:1"=10'	SHEET 42 OF 44 SHEETS	STA. 195+75.00 TO STA. 197+00.00
V:1"=5'		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	156
CONTRACT NO. 61153				
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_43
 FILE NAME: 4755-180-SHT-XS.dgn



UNS = 2.87 SQ.FT
 CUT = 3.83 SQ.FT
 FILL = 3.97 SQ.FT
197 + 75.00

UNS = 0.50 SQ.FT
 CUT = 1.19 SQ.FT
 FILL = 11.1 SQ.FT
197 + 50.00

UNS = 2.94 SQ.FT
 CUT = 3.43 SQ.FT
 FILL = 0.59 SQ.FT
197 + 25.00

UNS = 0.50 SQ.FT
 CUT = 0.5 SQ.FT
 FILL = 9.2 SQ.FT
198 + 50.00

UNS = 2.84 SQ.FT
 CUT = 3.79 SQ.FT
 FILL = 0.2 SQ.FT
198 + 25.00

UNS = 2.85 SQ.FT
 CUT = 3.99 SQ.FT
 FILL = 0.5 SQ.FT
198 + 00.00

FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_43	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

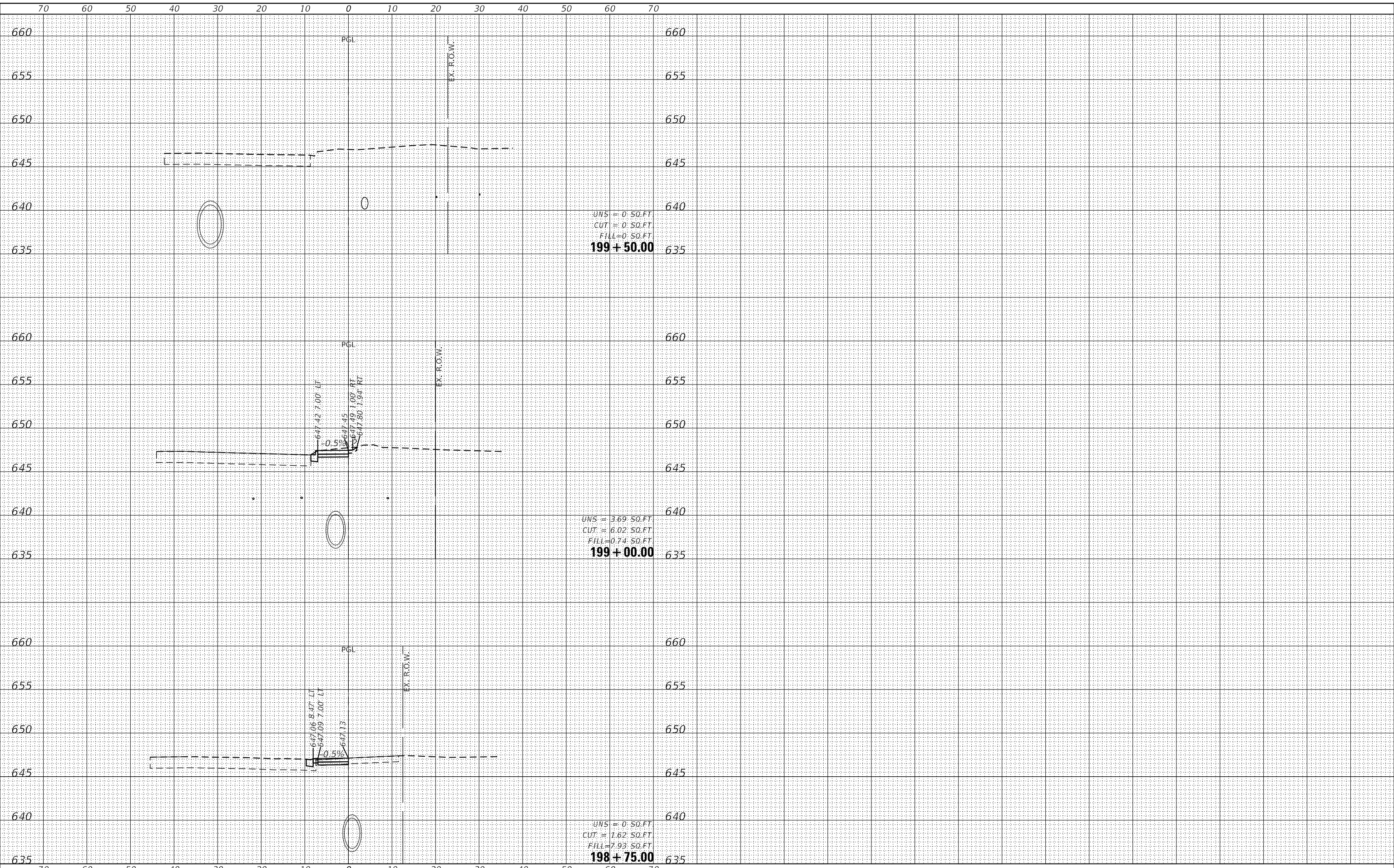
**CROSS SECTIONS
 WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 43 OF 44 SHEETS
 STA. 197+25.00 TO STA. 198+50.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	157
				CONTRACT NO. 61153
ILLINOIS FED. AID PROJECT				

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

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

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: XS_SHEET_temporary_model_name_44
 FILE NAME: 4755-180-sht-XS.dgn



FILE NAME =	USER NAME = mvasak
4755-180-sht-XS.dgn	DESIGNED - MIV
4755.18	DRAWN - PJS
XS_SHEET_temporary_model_name_44	CHECKED - MIV
	DATE - 11/9/2023

DESIGNED - MIV	REVISED -
DRAWN - PJS	REVISED -
CHECKED - MIV	REVISED -
DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WOLF ROAD SIDEWALK**
 SCALE: H:1"=10'
 SHEET 44 OF 44 SHEETS
 STA. 198+75.00 TO STA. 199+50.00
 V:1"=5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2692	19-00054-00-SW	COOK	158	158
CONTRACT NO. 61153				

ILLINOIS FED. AID PROJECT