

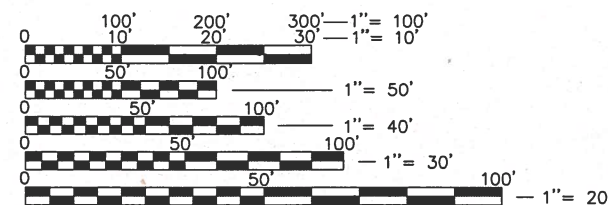
FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

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

06-13-2025 LETTING ITEM 242

TRAFFIC DATA

ROAD NAME: SAUNDERS ROAD
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
POSTED SPEED LIMIT: 30 MPH
DESIGN SPEED: 35 MPH
ADT: 1,750-3,000 (2023)



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

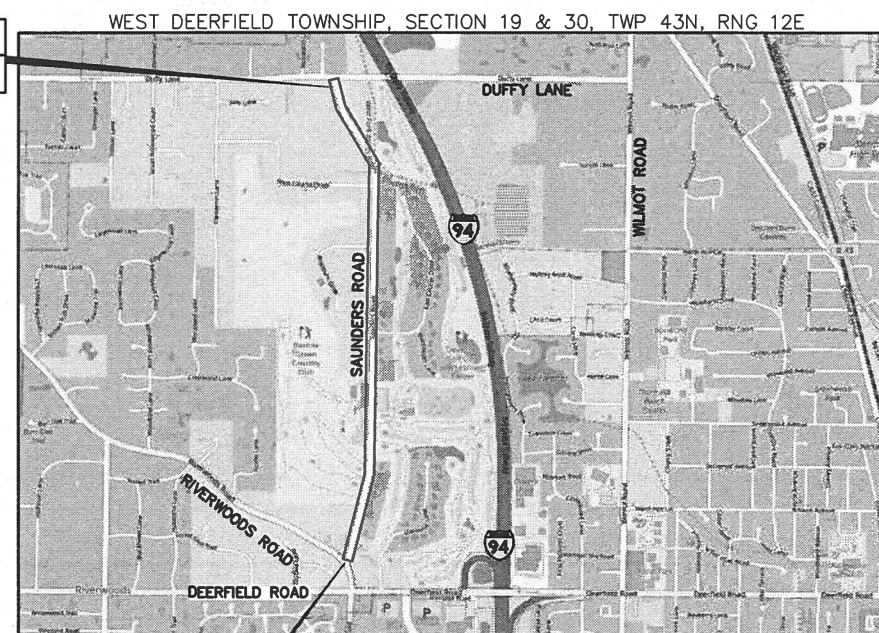
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

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

CONTRACT NO. 61K96

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
FAU ROUTE 2416 SAUNDERS ROAD
FROM RIVERWOODS ROAD
TO DUFFY LANE
RESURFACING
SECTION: 21-00020-00-RS
PROJECT: JFPC(674)
VILLAGE OF RIVERWOODS
LAKE COUNTY
C-91-241-24

**END IMPROVEMENTS
STA. 77+12.92**



LOCATION MAP
(Not to Scale)

**BEGIN IMPROVEMENTS
STA. 1+00.00**

SIGNED:

Mark G. Cobb
MARK G. F. COBB, P.E.

DATE: DECEMBER 23, 2024

ILLINOIS LICENSE NO.: 062-067573

EXPIRATION DATE: NOVEMBER 30, 2025

GROSS AND NET LENGTH OF PROJECT ■ 7,612.92 FEET ■ (1.442 MILES)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2416	21-00020-00-RS	LAKE	110	1
ILLINOIS		CONTRACT NO. 61K96		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Approved: *Stephen R. Williams*

DECEMBER 23, 2024
Village of Riverwoods, Director of Community Services

Passed: *Jan. 2, 2025*
C. F. F. F.

District One Engineer of Local Roads & Streets

Releasing for Bid
Based on Limited
Review: *1.6.2025*
Joe Rios
Regional Engineer

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

SHEET INDEX

1	TITLE SHEET
2	INDEX OF SHEETS/GENERAL NOTES AND HIGHWAY STANDARDS
3–9	SUMMARY OF QUANTITIES
10–11	TYPICAL SECTIONS
12	EARTHWORKS SCHEDULE
13–19	EXISTING CONDITIONS / REMOVAL PLANS
20–32	PLAN AND PROFILES
33–39	SOIL EROSION AND SEDIMENT CONTROL PLANS
40–41	SOIL EROSION AND SEDIMENT CONTROL DETAILS
42–54	DRAINAGE AND UTILITY PLANS
55–61	PAVEMENT MARKING AND SIGNING PLANS
62–68	LANDSCAPE PLANS
69–76	IDOT DISTRICT ONE DETAILS
77–110	CROSS SECTIONS

STATE STANDARDS

000001–08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001–07	TEMPORARY EROSION CONTROL SYSTEMS
442201–03	CLASS C AND D PATCHES
542301–03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401–04	METAL FLARED END SECTION FOR PIPE CULVERTS
606001–08	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
701001–02	OFF–RD OPERATIONS, 2L, 2W, MORE THAN 15’(4.5M) AWAY
701006–05	OFF–RD OPERATIONS, 2L, 2W, 15’(4.5M) TO 24”(600MM) FROM PAVEMENT EDGE
701011–04	OFF–RD, MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301–04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311–03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS–DAY ONLY
701501–06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701–10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901–10	TRAFFIC CONTROL DEVICES
720001–01	SIGN PANEL MOUNTING DETAILS
720006–04	SIGN PANEL ERECTION DETAILS
729001–01	APPLICATIONS OF TYPE A & B METAL POSTS (FOR SIGNS & MARKERS)
780001–05	TYPICAL PAVEMENT MARKINGS

DISTRICT ONE DETAILS

BD–08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD–22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD–32	BUTT JOINTS AND HMA TAPER
BD–36	FIRE HYDRANT TO BE MOVED
TC–10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC–13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC–16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC–22	ARTERIAL ROAD INFORMATION SIGN

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1 2022, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1 2025, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.
- EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS–OF–WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK.
- ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
- IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON–COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL CONTRACTORS PERSONNEL EMPLOYED ON THE WORK SITE. THE FACILITIES SHALL BE MAINTAINED IN PROPER SANITARY CONDITION THROUGHOUT THE PROJECT. THE LOCATION OF THE TEMPORARY FACILITIES SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR VIA EMAIL AT KALPANA.KANNAN–HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, FADI SULTAN, VIA EMAIL AT FUDI.SULTAN@ILLINOIS.GOV
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT–OF–WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07, REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL, REQUIREMENTS STATED HEREIN.
- EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.
- TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIPLINE OF THE TREES, SHRUBS, AND LANDSCAPED BEDS WITHIN THE LIMITS OF CONSTRUCTION DESIGNATED TO REMAIN TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND – NO INTRUSION.THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705–4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES, AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

UTILITY NOTES

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

COMMITMENTS

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

NRR COMMITMENTS

- TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH OCTOBER 31ST OF ANY GIVEN YEAR.

AMMS COMMITMENTS

- MODIFY ALL PHASES/ASPE TS OF THE PROJECT (E.G., TEMPORARY WORK AREAS, ALIGNMENTS) TO AVOID TREE REMOVAL.
- APPLY TIME OF YEAR RESTRICTIONS FOR TREE REMOVAL WHEN BATS ARE NOT LIKELY TO BE PRESENT, OR LIMIT TREE REMOVAL TO 10 OR FEWER TREES PER PROJECT AT ANY TIME OF YEAR WITHIN 100 FEET OF EXISTING ROAD/ RAIL SURFACE AND OUTSIDE OF DOCUMENTED ROOSTING/FORAGING HABITAT OR TRAVEL CORRIDORS; VISUAL EMERGENCE SURVEY MUST BE CONDUCTED WITH NO BATS OBSERVED.
- ENSURE TREE REMOVAL IS LIMITED TO THAT SPECIFIED IN PROJECT PLANS AND ENSURE THAT CONTRACTORS UNDERSTAND CLEARING LIMITS AND HOW THEY ARE MARKED IN THE FIELD (E.G., INSTALL BRIGHT COLORED FLAGGING/FENCING PRIOR TO ANY TREE CLEARING TO ENSURE CONTRACTORS STAY WITHIN CLEARING LIMITS).
- DO NOT REMOVE DOCUMENTED INDIANA BAT OR NLEB ROOSTS THAT ARE STILL SUITABLE FOR ROOSTING, OR TREES WITHIN 0.25 MILES OF ROOSTS, OR DOCUMENTED FORAGING HABITAT ANY TIME OF YEAR.
- ENSURE ALL OPERATORS, EMPLOYEES, AND CONTRACTORS WORKING IN AREAS OF KNOWN OR PRESUMED BAT HABITAT ARE AWARE OF ALL FHWA/FRA/FTA (TRANSPORTATION AGENCIES) ENVIRONMENTAL COMMITMENTS, INCLUDING ALL APPLICABLE AMMS.

BENCHMARK

ELEVATIONS SHOWN HEREON ARE OBTAINED VIA GPS USING TRIMBLE VRS@NOW™ (NO PUBLISHED MONUMENT VERIFIED) DATUM: NAVD88

CONTROL POINTS:

Point #	Northing	Easting	Elevation	Description
1	2004352.95	1106320.22	682.05	CP1–MN
2	2005799.61	1106697.33	675.50	CP2–MN
3	2006782.47	1106686.22	674.02	CP3–MN
4	2007982.23	1106724.59	667.38	CP4–MN
5	2010346.84	1106748.38	665.42	CP5–XCN
6	2011923.70	1106112.24	669.57	CP6–MN
10	2007997.34	1107096.25	667.50	CP10–MN
11	2009047.11	1106709.00	667.42	CP11–MN
12	2008519.47	1106730.26	667.58	CP12–XCN
13	2009321.90	1106708.37	668.35	CP13–MN
14	2009752.87	1106738.95	665.78	CP14–MN
15	2010186.29	1106711.94	665.95	CP15–MN
16	2011402.60	1106201.62	666.59	CP16–X–MHS
17	2011027.33	1106452.70	663.80	CP17–MN
30	2007580.63	1106736.99	672.26	CP30–XMHT
31	2007222.75	1106688.12	674.94	CP31–MN
32	2006868.84	1106726.16	673.44	CP32–XRIM–MHT
33	2007236.24	1106721.79	674.76	CP33–XRIM–MHD
34	2006570.89	1106713.17	673.58	CP34–MN
35	2006308.78	1106643.72	671.82	CP35–MN
37	2005390.12	1106566.07	676.27	CP37–IR/CAP
38	2005813.15	1106633.12	674.09	CP38–MN
39	2005138.58	1106495.45	677.06	CP39–XRIM–MHT
40	2005392.06	1106531.90	676.08	CP40–MN
41	2004699.28	1106421.25	679.24	CP41–XCN
43	2004680.18	1106454.55	679.80	CP43–XCN
44	2004689.19	1105962.47	680.50	CP44–MN
45	2004002.17	1106446.12	680.88	CP45–INK–HH

FILE NAME = 9770.609–DT.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES AND STATE STANDARDS SAUNDERS ROAD			FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -					2416	21–00020–00–RS	LAKE	110	2
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -					CONTRACT # 61K96				
	PLOT DATE = 12/20/2024 10:41 AM	DATE - 12.23.2024	REVISED -		SCALE NONE	SHEET NO. 1	OF 1 SHEETS	STA	TO STA	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% VILLAGE OF RIVERWOODS
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005
		20101000	TEMPORARY FENCE	FOOT	1,403	1,403
		20101100	TREE TRUNK PROTECTION	EACH	98	98
	*	20101200	TREE ROOT PRUNING	EACH	98	98
		20200100	EARTH EXCAVATION	CU YD	5,937	5,937
		20800150	TRENCH BACKFILL	CU YD	300	300
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	18,457	18,457
	*	25000210	SEEDING, CLASS 2A	ACRE	4.00	4.00
	*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	360	360
	*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	360	360
	*	25100630	EROSION CONTROL BLANKET	SQ YD	18,457	18,457
	*	25200200	SUPPLEMENTAL WATERING	UNIT	30	30
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	381	381
		28000400	PERIMETER EROSION BARRIER	FOOT	13,845	13,845
		28000500	INLET AND PIPE PROTECTION	EACH	66	66
		28000510	INLET FILTERS	EACH	2	2
		28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	18,457	18,457

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% VILLAGE OF RIVERWOODS
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005
		28100101	STONE RIPRAP, CLASS A1	SQ YD	10	10
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	8,497	8,497
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13,154	13,154
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	10
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,017	1,017
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2,552	2,552
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2,183	2,183
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	80	80
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	47	47
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,390	2,390
		44000300	CURB REMOVAL	FOOT	111	111
		44000400	GUTTER REMOVAL	FOOT	9	9
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	78	78
		44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	97	97
		44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	168	168
		44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	478	478

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% VILLAGE OF RIVERWOODS
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005
		44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	418	418
		48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2,874	2,874
		48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	6,433	6,433
		50102400	CONCRETE REMOVAL	CU YD	1	1
		50105220	PIPE CULVERT REMOVAL	FOOT	1,977	1,977
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	60	60
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	58	58
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4	4
		54262712	METAL FLARED END SECTIONS 12"	EACH	2	2
		542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	498	498
		542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	642	642
		542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	71	71
		542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	135	135
	*	56109210	WATER VALVES TO BE ADJUSTED	EACH	2	2
	*	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2	2
		60600605	CONCRETE CURB, TYPE B	FOOT	80	80

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% VILLAGE OF RIVERWOODS
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005
		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	21	21
		72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	3	3
	*	72900200	METAL POST - TYPE B	FOOT	338	338
	*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	73	73
	*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	29,509	29,509
	*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	33	33
	*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	93	93
	*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	15	15
		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	12	12
	*	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	31	31
	*	A2001020	TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	11
	*	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6
	*	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7
	*	A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	11	11
	*	B2001566	TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	11	11
	*	D2001772	EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	7	7

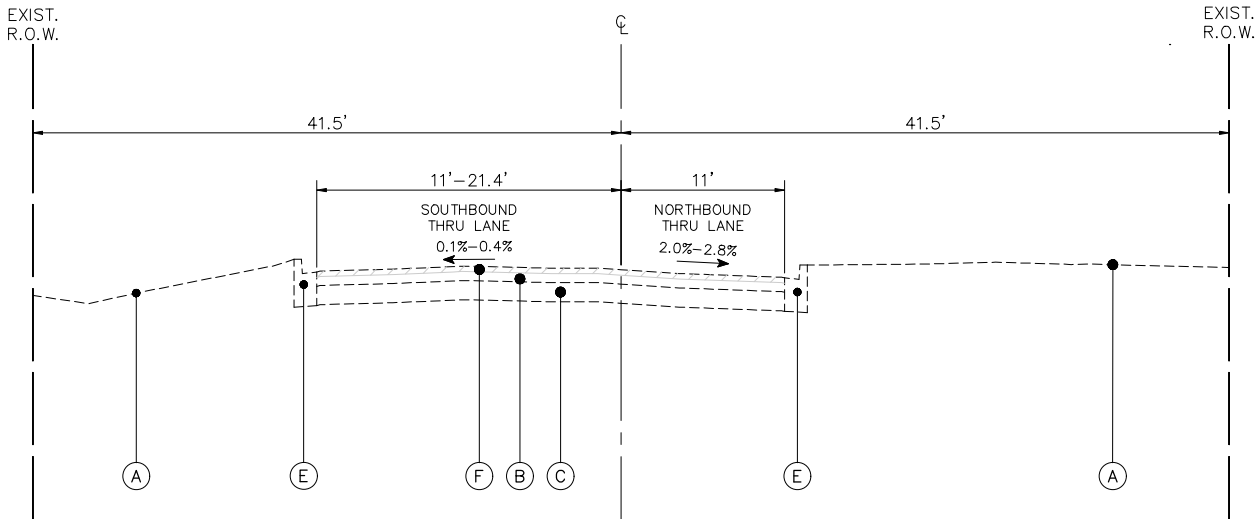
* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% VILLAGE OF RIVERWOODS
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005
	*	D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	17	17
		X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	1,815	1,815
		X0327902	MAILBOX REMOVE AND REPLACE	EACH	47	47
		X2010404	STUMP REMOVAL	EACH	158	158
		X2010512	CLEARING AND GRUBBING	SQ YD	4,185	4,185
		X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	30	30
		X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	58	58
		X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	8
		X4060286	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	1,226	1,226
		X4060290	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	262	262
		X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	19,488	19,488
		X5220098	TIMBER RETAINING WALL REMOVAL	FOOT	445	445
		X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	4	4
		X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	77	77
		XX024100	EXPOSED AGGREGATE SURFACE	SQ FT	1,994	1,994
		Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1

* SPECIALTY ITEM # CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
						80% FEDERAL / 20% VILLAGE OF RIVERWOODS
#	*	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005
		Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	38	38
		Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	41	41
		Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	3	3
		Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	172	172
		Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	36	36
#		Z0076600	TRAINEES	HOUR	500	500
#		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

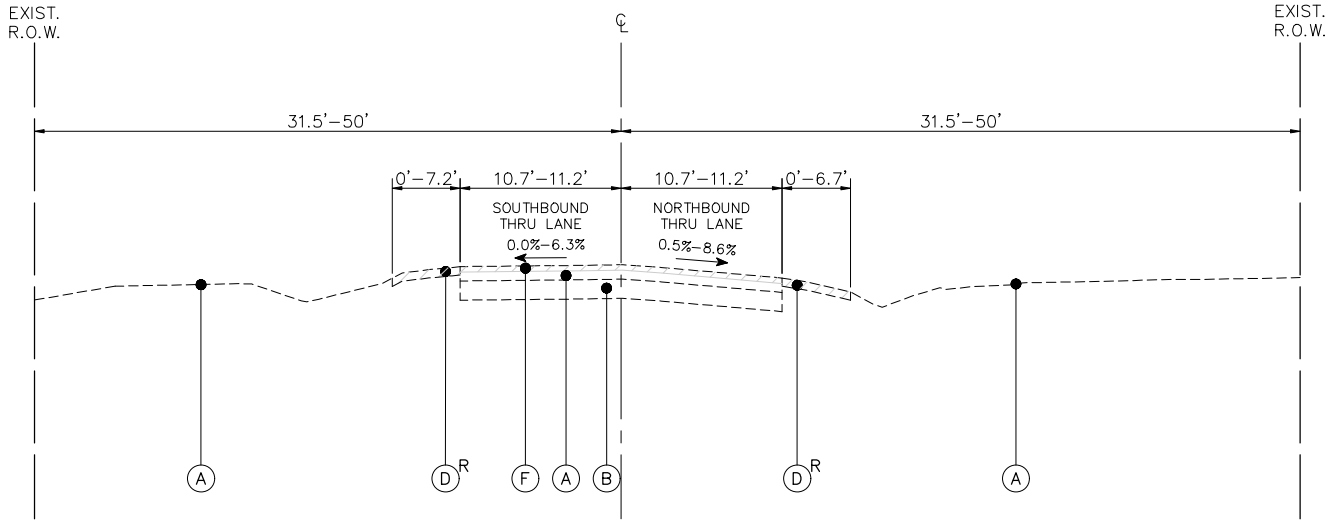
* SPECIALTY ITEM # CONSTRUCTION CODE 0042



SAUNDERS ROAD
EXISTING TYPICAL SECTION
STA. 1+00 TO 2+71

TYPICAL SECTION LEGEND

- (A) EXISTING GROUND
- (B) EXISTING HMA PAVEMENT, 7"-9"
- (C) EXISTING AGGREGATE BASE, 5"-8"
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING CURB AND GUTTER, TYPE B-6.12
- (F) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (R) ITEM TO BE REMOVED
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (2")
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, VARIABLE DEPTH (2.25"-5.6")
- (3) HOT-MIX ASPHALT SHOULDERS, 6"
- (4) AGGREGATE BASE COURSE, TYPE B 4"
- (5) AGGREGATE SHOULDERS, TYPE B 6"
- (6) TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET



SAUNDERS ROAD
EXISTING TYPICAL SECTION
STA. 2+71 TO 77+13

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

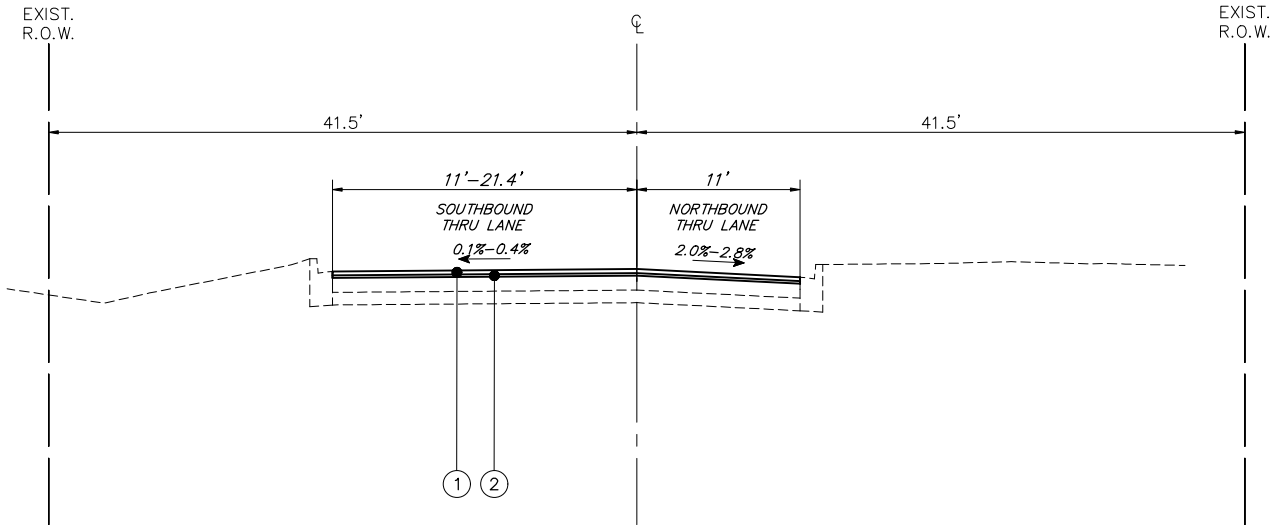
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; VARIABLE DEPTH (2.25"-5.6")	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT SHOULDERS, 6"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR1030-2
HMA BASE COURSE (HMA BINDER IL-19 mm); 4"	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT DRIVEWAYS, 6" & 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR1030-2
HMA BASE COURSE (HMA BINDER IL-19 mm); PE-4", CE-6"	4% @ 50 GYR	LR1030-2
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR	LR1030-2
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

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

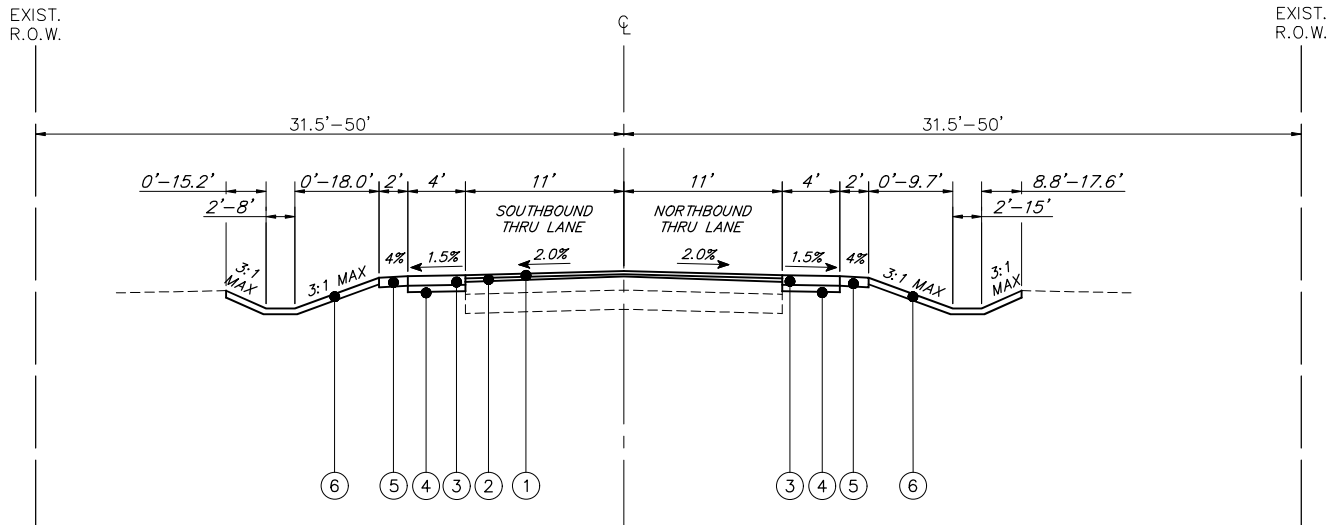
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE AC TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

TYPICAL SECTION LEGEND

- (A) EXISTING GROUND
- (B) EXISTING HMA PAVEMENT, 7"-9"
- (C) EXISTING AGGREGATE BASE, 5"-8"
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING CURB AND GUTTER, TYPE B-6.12
- (F) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (R) ITEM TO BE REMOVED
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, (2")
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, VARIABLE DEPTH (2.25"-5.6")
- (3) HOT-MIX ASPHALT SHOULDERS, 6"
- (4) AGGREGATE BASE COURSE, TYPE B 4"
- (5) AGGREGATE SHOULDERS, TYPE B 6"
- (6) TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET



SAUNDERS ROAD
PROPOSED TYPICAL SECTION
STA. 1+00 TO 2+71

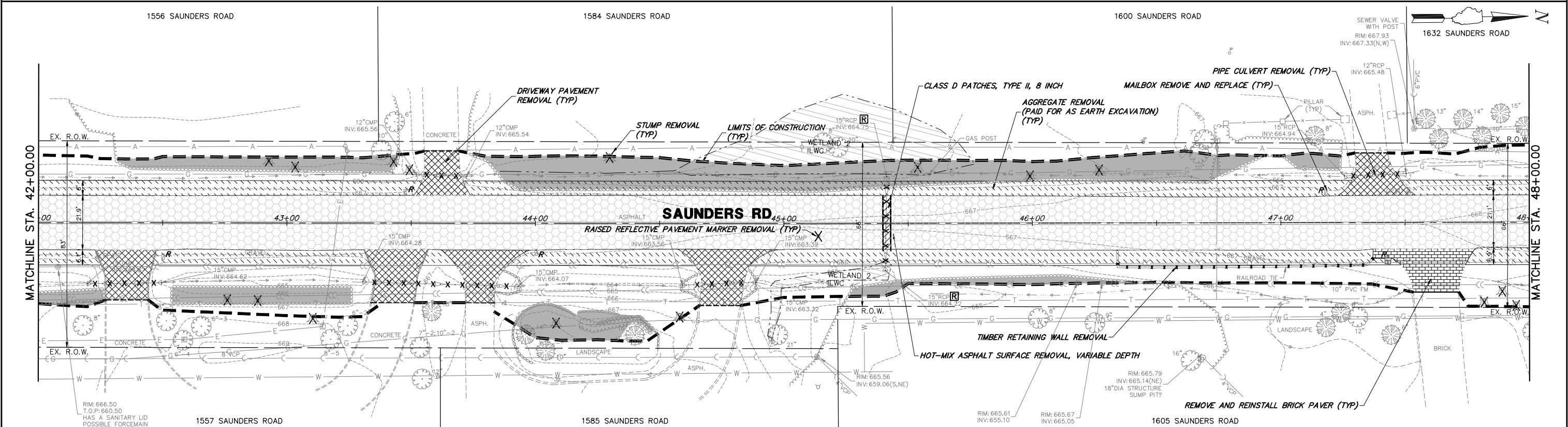
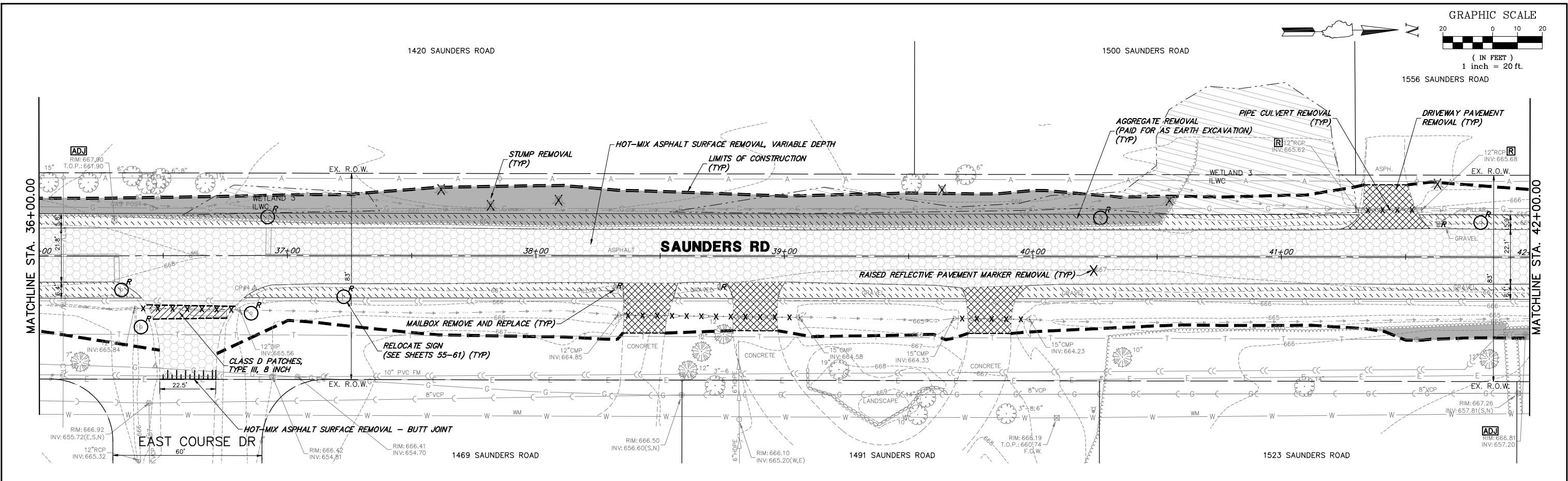


SAUNDERS ROAD
PROPOSED TYPICAL SECTION
STA. 2+71 TO 77+13

SCHEDULE OF EARTHWORK						
STATION	TO	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
0+00.00	TO	0+50.00	0.00	0.00	0.00	0.00
0+50.00	TO	1+00.00	0.00	0.00	0.00	0.00
1+00.00	TO	1+50.00	0.00	0.00	0.00	0.00
1+50.00	TO	2+00.00	0.00	0.00	0.00	0.00
2+00.00	TO	2+50.00	2.76	2.35	0.00	2.35
2+50.00	TO	3+00.00	12.17	10.34	0.03	10.31
3+00.00	TO	3+22.24	8.82	7.50	0.02	7.48
3+22.24	TO	3+50.00	10.58	8.99	0.09	8.90
3+50.00	TO	4+00.00	25.20	21.42	0.83	20.59
4+00.00	TO	4+50.00	29.76	25.30	4.60	20.70
4+50.00	TO	5+00.00	22.36	19.01	6.91	12.10
5+00.00	TO	5+50.00	23.61	20.07	3.15	16.92
5+50.00	TO	6+00.00	30.64	26.04	5.35	20.69
6+00.00	TO	6+50.00	27.31	23.21	6.81	16.40
6+50.00	TO	7+00.00	19.60	16.66	7.24	9.42
7+00.00	TO	7+50.00	16.20	13.77	10.49	3.28
7+50.00	TO	7+91.04	16.73	14.22	5.30	8.92
7+91.04	TO	8+00.00	3.48	2.96	0.29	2.67
8+00.00	TO	8+50.00	19.32	16.42	0.17	16.25
8+50.00	TO	8+62.69	6.41	5.45	0.82	4.63
8+62.69	TO	9+00.00	23.05	19.59	6.04	13.55
9+00.00	TO	9+50.00	37.71	32.05	5.24	26.81
9+50.00	TO	9+67.86	13.97	11.87	2.80	9.07
9+67.86	TO	9+85.30	12.33	10.48	2.79	7.69
9+85.30	TO	10+00.00	12.50	10.63	1.59	9.04
10+00.00	TO	10+50.00	48.14	40.92	6.72	34.20
10+50.00	TO	10+72.30	17.93	15.24	0.83	14.41
10+72.30	TO	11+00.00	17.20	14.62	0.35	14.27
11+00.00	TO	11+50.00	19.11	16.24	2.68	13.56
11+50.00	TO	12+00.00	13.31	11.31	4.10	7.21
12+00.00	TO	12+50.00	18.38	15.62	3.86	11.76
12+50.00	TO	12+73.55	8.69	7.39	2.05	5.34
12+73.55	TO	13+00.00	9.84	8.36	2.56	5.80
13+00.00	TO	13+50.00	20.85	17.72	6.64	11.08
13+50.00	TO	13+83.19	16.45	13.98	3.62	10.36
13+83.19	TO	14+00.00	9.93	8.44	1.04	7.40
14+00.00	TO	14+27.80	21.74	18.48	1.36	17.12
14+27.80	TO	14+35.99	8.58	7.29	0.19	7.10
14+35.99	TO	14+50.00	14.66	12.46	0.22	12.24
14+50.00	TO	15+00.00	57.64	48.99	0.30	48.69
15+00.00	TO	15+14.41	20.01	17.01	0.01	17.00
15+14.41	TO	15+50.00	53.34	45.34	0.11	45.23
15+50.00	TO	16+00.00	73.56	62.53	3.21	59.32
16+00.00	TO	16+50.00	59.40	50.49	4.00	46.49
16+50.00	TO	17+00.00	45.38	38.57	3.57	35.00
17+00.00	TO	17+50.00	51.02	43.37	5.96	37.41
17+50.00	TO	18+00.00	42.46	36.09	8.16	27.93
18+00.00	TO	18+50.00	34.66	29.46	9.31	20.15
18+50.00	TO	19+00.00	57.99	49.29	10.94	38.35
19+00.00	TO	19+50.00	79.80	67.83	13.50	54.33
19+50.00	TO	20+00.00	84.49	71.82	16.23	55.59
20+00.00	TO	20+17.63	15.53	13.20	23.15	-9.95
20+17.63	TO	20+50.00	34.35	29.20	47.50	-18.30
20+50.00	TO	21+00.00	79.70	67.75	24.43	43.32
21+00.00	TO	21+50.00	79.06	67.20	20.96	46.24
21+50.00	TO	22+00.00	106.58	90.59	25.23	65.36
22+00.00	TO	22+50.00	130.31	110.76	22.12	88.64
22+50.00	TO	23+00.00	117.09	99.53	12.44	87.09
23+00.00	TO	23+50.00	47.53	40.40	2.09	38.31
23+50.00	TO	24+00.00	40.63	34.54	9.22	25.32
24+00.00	TO	24+50.00	57.00	48.45	20.53	27.92
24+50.00	TO	25+00.00	42.94	36.50	17.21	19.29
25+00.00	TO	25+50.00	37.74	32.08	11.57	20.51
25+50.00	TO	26+00.00	32.98	28.03	10.40	17.63
26+00.00	TO	26+50.00	32.06	27.25	10.32	16.93
26+50.00	TO	27+00.00	22.96	19.52	9.69	9.83
27+00.00	TO	27+50.00	18.28	15.54	5.88	9.66

SCHEDULE OF EARTHWORK						
STATION	TO	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
27+50.00	TO	28+00.00	18.44	15.67	2.06	13.61
28+00.00	TO	28+50.00	14.73	12.52	0.62	11.90
28+50.00	TO	29+00.00	11.74	9.98	1.11	8.87
29+00.00	TO	29+38.60	10.70	9.10	0.64	8.46
29+38.60	TO	29+50.00	3.21	2.73	0.02	2.71
29+50.00	TO	30+00.00	12.54	10.66	0.29	10.37
30+00.00	TO	30+50.00	20.68	17.58	0.26	17.32
30+50.00	TO	30+89.40	23.10	19.64	0.02	19.62
30+89.40	TO	31+00.00	4.93	4.19	0.06	4.13
31+00.00	TO	31+30.18	10.46	8.89	0.54	8.35
31+30.18	TO	31+50.00	5.18	4.40	1.10	3.30
31+50.00	TO	31+76.07	7.77	6.60	1.66	4.94
31+76.07	TO	32+00.00	7.87	6.69	1.83	4.86
32+00.00	TO	32+50.00	18.57	15.78	3.94	11.84
32+50.00	TO	33+00.00	26.55	22.57	3.67	18.90
33+00.00	TO	33+50.00	24.55	20.87	4.98	15.89
33+50.00	TO	34+00.00	18.10	15.39	6.46	8.93
34+00.00	TO	34+24.56	10.43	8.87	2.78	6.09
34+24.56	TO	34+50.00	11.70	9.95	2.54	7.41
34+50.00	TO	34+63.82	7.64	6.49	1.26	5.23
34+63.82	TO	35+00.00	22.31	18.96	3.50	15.46
35+00.00	TO	35+26.38	13.74	11.68	2.46	9.22
35+26.38	TO	35+50.00	12.54	10.66	2.97	7.69
35+50.00	TO	36+00.00	23.55	20.02	11.82	8.20
36+00.00	TO	36+50.00	13.60	11.56	11.65	-0.09
36+50.00	TO	37+00.00	7.16	6.09	11.27	-5.18
37+00.00	TO	37+50.00	16.64	14.14	12.91	1.23
37+50.00	TO	38+00.00	30.59	26.00	12.56	13.44
38+00.00	TO	38+50.00	35.29	30.00	7.90	22.10
38+50.00	TO	38+88.35	24.17	20.54	3.34	17.20
38+88.35	TO	39+00.00	9.63	8.19	1.10	7.09
39+00.00	TO	39+50.00	42.12	35.80	3.93	31.87
39+50.00	TO	39+82.47	20.72	17.61	1.73	15.88
39+82.47	TO	40+00.00	11.38	9.67	0.94	8.73
40+00.00	TO	40+50.00	27.17	23.09	2.69	20.40
40+50.00	TO	41+00.00	18.20	15.47	6.06	9.41
41+00.00	TO	41+41.54	19.39	16.48	5.20	11.28
41+41.54	TO	41+50.00	5.64	4.79	0.50	4.29
41+50.00	TO	42+00.00	28.31	24.06	7.62	16.44
42+00.00	TO	42+34.67	20.22	17.19	7.11	10.08
42+34.67	TO	42+50.00	12.01	10.21	2.72	7.49
42+50.00	TO	43+00.00	39.45	33.53	13.97	19.56
43+00.00	TO	43+50.00	41.67	35.42	10.54	24.88
43+50.00	TO	43+62.36	10.33	8.78	0.30	8.48
43+62.36	TO	43+77.76	12.42	10.56	0.71	9.85
43+77.76	TO	44+00.00	28.68	24.38	4.32	20.06
44+00.00	TO	44+50.00	68.18	57.95	12.53	45.42
44+50.00	TO	44+75.27	19.77	16.80	4.98	11.82
44+75.27	TO	45+00.00	8.89	7.56	6.33	1.23
45+00.00	TO	45+41.45	10.68	9.08	15.80	-6.72
45+41.45	TO	45+50.00	2.16	1.84	2.95	-1.11
45+50.00	TO	46+00.00	10.20	8.67	10.44	-1.77
46+00.00	TO	46+50.00	20.88	17.75	5.64	12.11
46+50.00	TO	47+00.00	26.31	22.36	4.24	18.12
47+00.00	TO	47+36.41	21.55	18.32	2.04	16.28
47+36.41	TO	47+50.00	9.37	7.96	0.47	7.49
47+50.00	TO	47+62.56	8.83	7.51	1.10	6.41
47+62.56	TO	48+00.00	37.66	32.01	4.29	27.72
48+00.00	TO	48+50.00	35.30	30.01	7.23	22.78
48+50.00	TO	48+62.34	3.46	2.94	2.29	0.65
48+62.34	TO	49+00.00	23.36	19.86	4.92	14.94
49+00.00	TO	49+50.00	32.39	27.53	7.05	20.48
49+50.00	TO	49+88.84	18.62	15.83	4.39	11.44
49+88.84	TO	50+00.00	3.44	2.92	0.00	2.92
50+00.00	TO	50+50.00	25.52	21.69	9.56	12.13
50+50.00	TO	51+00.00	40.51	34.43	18.43	16.00
51+00.00	TO	51+50.00	37.76	32.10	15.05	17.05

SCHEDULE OF EARTHWORK						
STATION	TO	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 15% SHRINKAGE (CU YD)	FILL VOLUME (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
51+50.00	TO	51+68.36	12.81	10.89	4.42	6.47
51+68.36	TO	52+00.00	25.32	21.52	9.18	12.34
52+00.00	TO	52+50.00	42.65	36.25	17.12	19.13
52+50.00	TO	52+83.52	20.24	17.20	8.78	8.42
52+83.52	TO	53+00.00	8.69	7.39	3.19	4.20
53+00.00	TO	53+50.00	27.95	23.76	7.20	16.56
53+50.00	TO	54+00.00	23.96	20.37	5.11	15.26
54+00.00	TO	54+07.09	3.45	2.93	0.93	2.00
54+07.09	TO	54+50.00	33.37	28.36	4.29	24.07
54+50.00	TO	54+82.21	24.84	21.11	1.66	19.45
54+82.21	TO	55+00.00	8.33	7.08	1.84	5.24
55+00.00	TO	55+50.00	27.17	23.09	8.36	14.73
55+50.00	TO	56+00.00	32.34	27.49	6.23	21.26
56+00.00	TO	56+09.78	10.15	8.63	0.77	7.86
56+09.78	TO	56+26.16	20.05	17.04	0.70	16.34
56+26.16	TO	56+50.00	18.34	15.59	1.42	14.17
56+50.00	TO	57+00.00	42.48	36.11	5.86	30.25
57+00.00	TO	57+50.00	76.10	64.69	8.41	56.28
57+50.00	TO	58+00.00	98.45	83.68	15.77	67.91
58+00.00	TO	58+50.00	77.37	65.76	12.59	53.17
58+50.00	TO	59+00.00	29.28	24.89	2.34	22.55
59+00.00	TO	59+20.41	0.83	0.71	0.02	0.69
59+20.41	TO	59+50.00	2.08	1.77	0.00	1.77
59+50.00	TO	60+00.00	7.76	6.60	1.39	5.21
60+00.00	TO	60+50.00	5.38	4.57	2.48	2.09
60+50.00	TO	61+00.00	10.89	9.26	1.15	8.11
61+00.00	TO	61+19.51	10.57	8.98	0.02	8.96
61+19.51	TO	61+50.00	17.67	15.02	0.46	14.56
61+50.00	TO	62+00.00	24.28	20.64	3.45	17.19
62+00.00	TO	62+50.00	28.15	23.93	4.19	19.74
62+50.00	TO	63+00.00	108.56	92.28	1.93	90.35
63+00.00	TO	63+50.00	148.43	126.17	0.66	125.51
63+50.00	TO	64+00.00	146.69	124.69	12.72	111.97
64+00.00	TO	64+50.00	171.12	145.45	29.44	116.01
64+50.00	TO	65+00.00	143.51	121.98	20.69	101.29
65+00.00	TO	65+50.00	137.58	116.94	7.39	109.55
65+50.00	TO	66+00.00	127.69	108.54	9.26	99.28
66+00.00	TO	66+50.00	115.53	98.20	9.44	88.76
66+50.00	TO	67+00.00	106.05	90.14	6.89	83.25
67+00.00	TO	67+34.79	50.96	43.32	4.00	39.32
67+34.79	TO	67+50.00	17.55	14.92	1.70	13.22
67+50.00	TO	68+00.00	42.15	35.83	9.33	26.50
68+00.00	TO	68+50.00	26.78	22.76	10.25	12.51
68+50.00	TO	69+00.00	29.54	25.11	3.90	21.21
69+00.00	TO	69+15.02	11.48	9.76	0.21	9.55
69+15.02	TO	69+50.00	21.98	18.68	1.98	16.70
69+50.00	TO	70+00.00	12.53	10.65	4.54	6.11
70+00.00	TO	70+50.00	9.67	8.22	5.98	2.24
70+50.00	TO	71+00.00	18.01	15.31	3.63	11.68
71+00.00	TO	71+18.49	7.77	6.60	0.00	6.60
71+18.49	TO	71+50.00	10.97	9.32	0.48	8.84
71+50.00	TO	72+00.00	13.59	11.55	2.74	8.81
72+00.00	TO	72+50.00	9.63	8.19	3.88	4.31
72+50.00	TO	73+00.00	7.92	6.73	5.14	1.59
73+00.00	TO	73+50.00	11.97	10.17	5.77	4.40
73+50.00	TO	74+00.00	20.55	17.47	6.45	11.02
74+00.00	TO	74+21.99	15.54	13.21	2.45	10.76
74+21.99	TO	74+50.00	21.84	18.56	2.68	15.88
74+50.00	TO	74+79.19	19.53	16.60	2.69	13.91
74+79.19	TO	75+00.00	14.67	12.47	1.49	10.98
75+00.00	TO	75+50.00	23.16	19.69	8.69	11.00
75+50.00	TO	75+62.86	5.64	4.79	3.12	1.67
75+62.86	TO	76+00.00	20.41	17.35	7.38	9.97
76+00.00	TO	76+50.00	27.51	23.38	10.15	13.23
76+50.00	TO	76+76.35	18.30	15.56	3.08	12.48
76+76.35	TO	77+00.00	13.66	11.61	0.06	11.55
77+00.00	TO	77+12.92	2.83	2.41	0.01	2.40
TOTAL VOLUMES (CU YD):			5937	5046	1130	3916

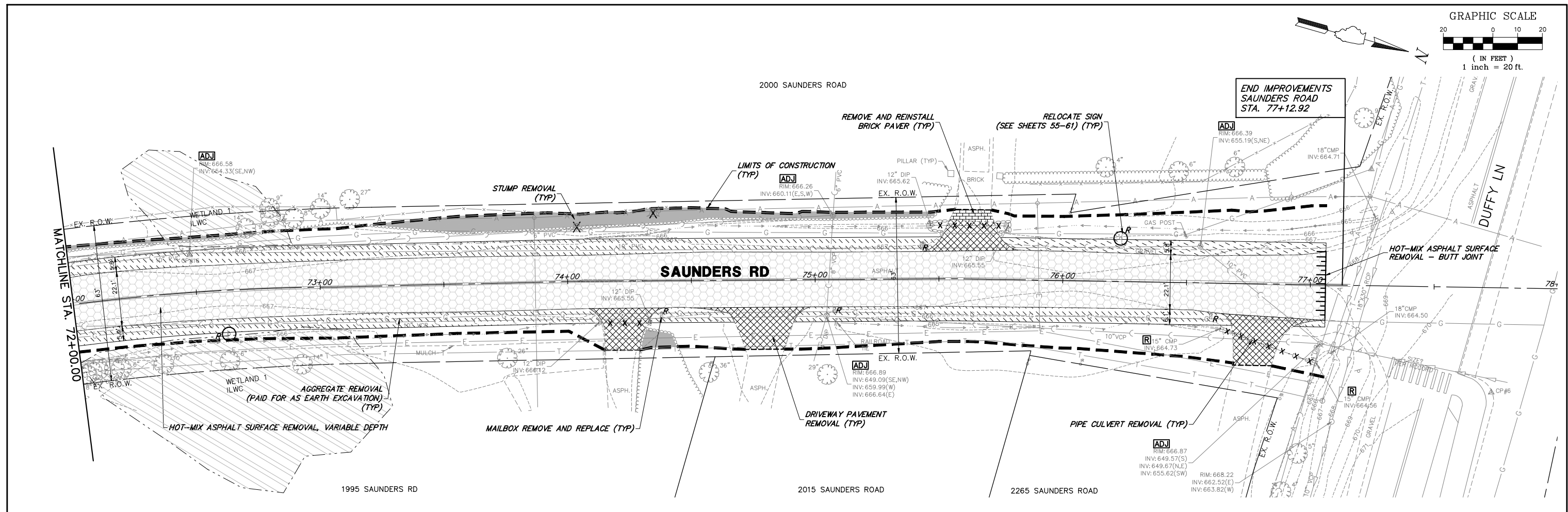


REMOVAL LEGEND

	AGGREGATE REMOVAL (PAID FOR AS EARTH EXCAVATION)		CLASS D PATCHES, 8 INCH		REMOVE AND REINSTALL BRICK PAVER		CLEARING AND GRUBBING		STRUCTURE TO BE ADJUSTED		STRUCTURE TO BE REMOVED		RELOCATE SIGN (SEE SHEETS 55-61)		MAILBOX REMOVE AND REPLACE		STUMP REMOVAL		COMBINATION CURB AND GUTTER REMOVAL		ITEM TO BE REMOVED
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH		DRIVEWAY PAVEMENT REMOVAL																		

NOTE:
SEE EROSION AND SEDIMENT CONTROL
PLANS FOR TREE ROOT PRUNING AND
TREE TRUNK PROTECTION LOCATIONS.

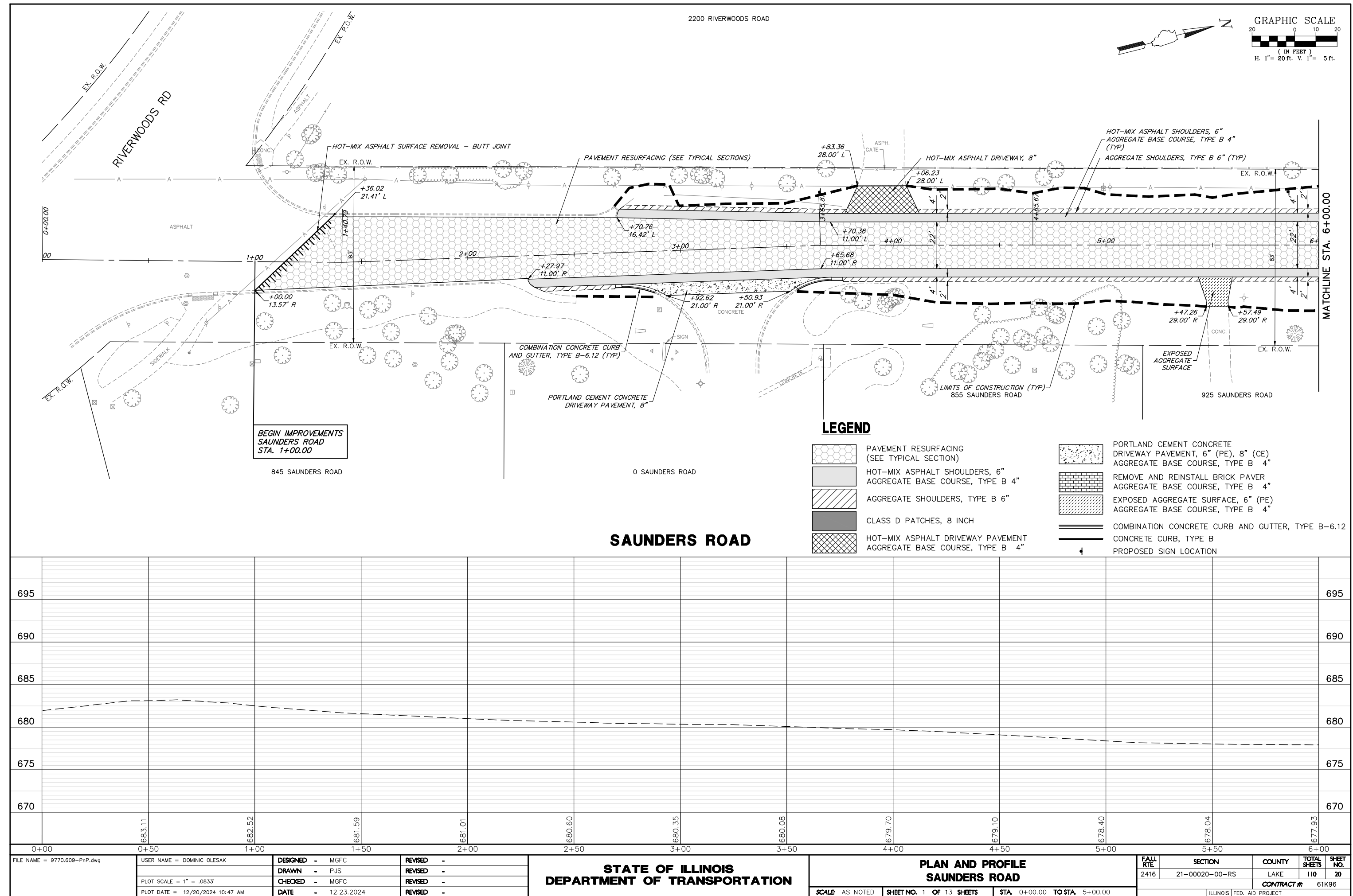
FILE NAME = 9770.609-Demo.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS / REMOVAL PLAN SAUNDERS ROAD			FAU. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	16
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -					CONTRACT # 61K96				
	PLOT DATE = 12/20/2024 10:45 AM	DATE - 12.23.2024	REVISED -					ILLINOIS FED. AID PROJECT				
					SCALE 1"=20'	SHEET NO. 4 OF 7 SHEETS	STA. 36+00 TO STA. 48+00					



REMOVAL LEGEND

	AGGREGATE REMOVAL (PAID FOR AS EARTH EXCAVATION)		CLASS D PATCHES, 8 INCH		REMOVE AND REINSTALL BRICK PAVER		STRUCTURE TO BE ADJUSTED		MAILBOX REMOVE AND REPLACE		· X · X · X · ITEM TO BE REMOVED
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH		DRIVEWAY PAVEMENT REMOVAL		CLEARING AND GRUBBING		STRUCTURE TO BE REMOVED		STUMP REMOVAL	NOTE: SEE EROSION AND SEDIMENT CONTROL PLANS FOR TREE ROOT PRUNING AND TREE TRUNK PROTECTION LOCATIONS.	
							RELOCATE SIGN (SEE SHEETS 55-61)		COMBINATION CURB AND GUTTER REMOVAL		

FILE NAME = 9770.609-Demo.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS / REMOVAL PLAN SAUNDERS ROAD				FA.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -						2416	21-00020-00-RS	LAKE	110	19
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -										
	PLOT DATE = 12/20/2024 10:47 AM	DATE - 12.23.2024	REVISED -		SCALE 1"=20'		SHEET NO. 7 OF 7 SHEETS	STA. 72+00 TO STA. 78+00	CONTRACT #: 61K96 ILLINOIS FED. AID PROJECT				





- | | | | |
|---|---|---|---|
|  | PAVEMENT RESURFACING
(SEE TYPICAL SECTION) |  | PORTLAND CEMENT CONCRETE
DRIVEWAY PAVEMENT, 6" (PE), 8" (CE)
AGGREGATE BASE COURSE, TYPE B 4" |
|  | HOT-MIX ASPHALT SHOULDERS, 6"
AGGREGATE BASE COURSE, TYPE B 4" |  | REMOVE AND REINSTALL BRICK PAVER
AGGREGATE BASE COURSE, TYPE B 4" |
|  | AGGREGATE SHOULDERS, TYPE B 6" |  | EXPOSED AGGREGATE SURFACE, 6" (PE)
AGGREGATE BASE COURSE, TYPE B 4" |
|  | CLASS D PATCHES, 8 INCH |  | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
|  | HOT-MIX ASPHALT DRIVEWAY PAVEMENT
AGGREGATE BASE COURSE, TYPE B 4" |  | CONCRETE CURB, TYPE B |
| | |  | PROPOSED SIGN LOCATION |

SAUNDERS ROAD

[illegible]



- | | | | |
|---|---|---|---|
|  | PAVEMENT RESURFACING
(SEE TYPICAL SECTION) |  | PORTLAND CEMENT CONCRETE
DRIVEWAY PAVEMENT, 6" (PE), 8" (CE)
AGGREGATE BASE COURSE, TYPE B 4" |
|  | HOT-MIX ASPHALT SHOULDERS, 6"
AGGREGATE BASE COURSE, TYPE B 4" |  | REMOVE AND REINSTALL BRICK PAVER
AGGREGATE BASE COURSE, TYPE B 4" |
|  | AGGREGATE SHOULDERS, TYPE B 6" |  | EXPOSED AGGREGATE SURFACE, 6" (PE)
AGGREGATE BASE COURSE, TYPE B 4" |
|  | CLASS D PATCHES, 8 INCH |  | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
|  | HOT-MIX ASPHALT DRIVEWAY PAVEMENT
AGGREGATE BASE COURSE, TYPE B 4" |  | CONCRETE CURB, TYPE B |
| | |  | PROPOSED SIGN LOCATION |

SAUNDERS ROAD

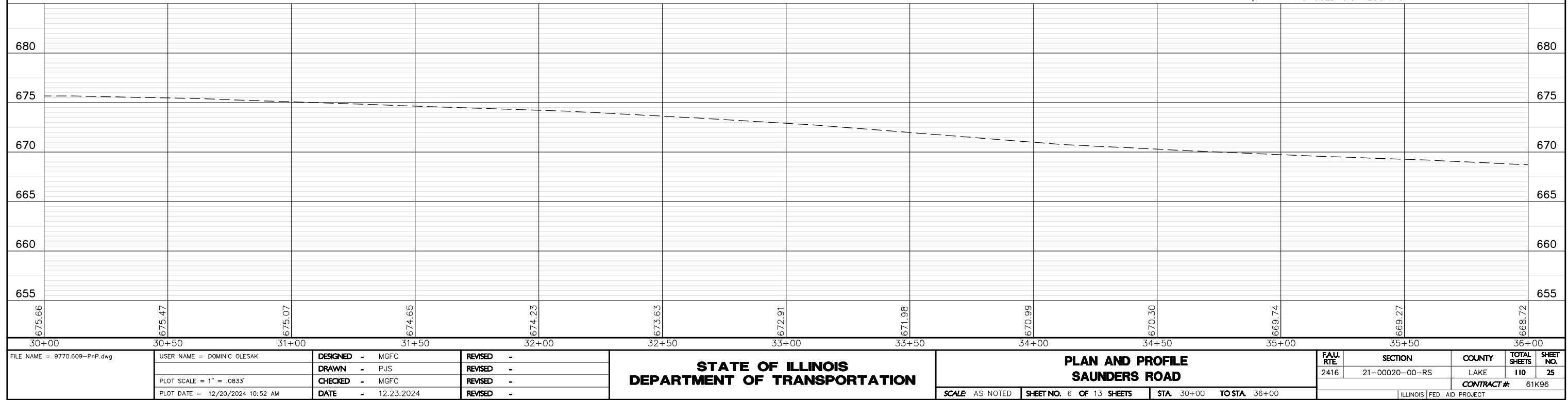
[illegible]

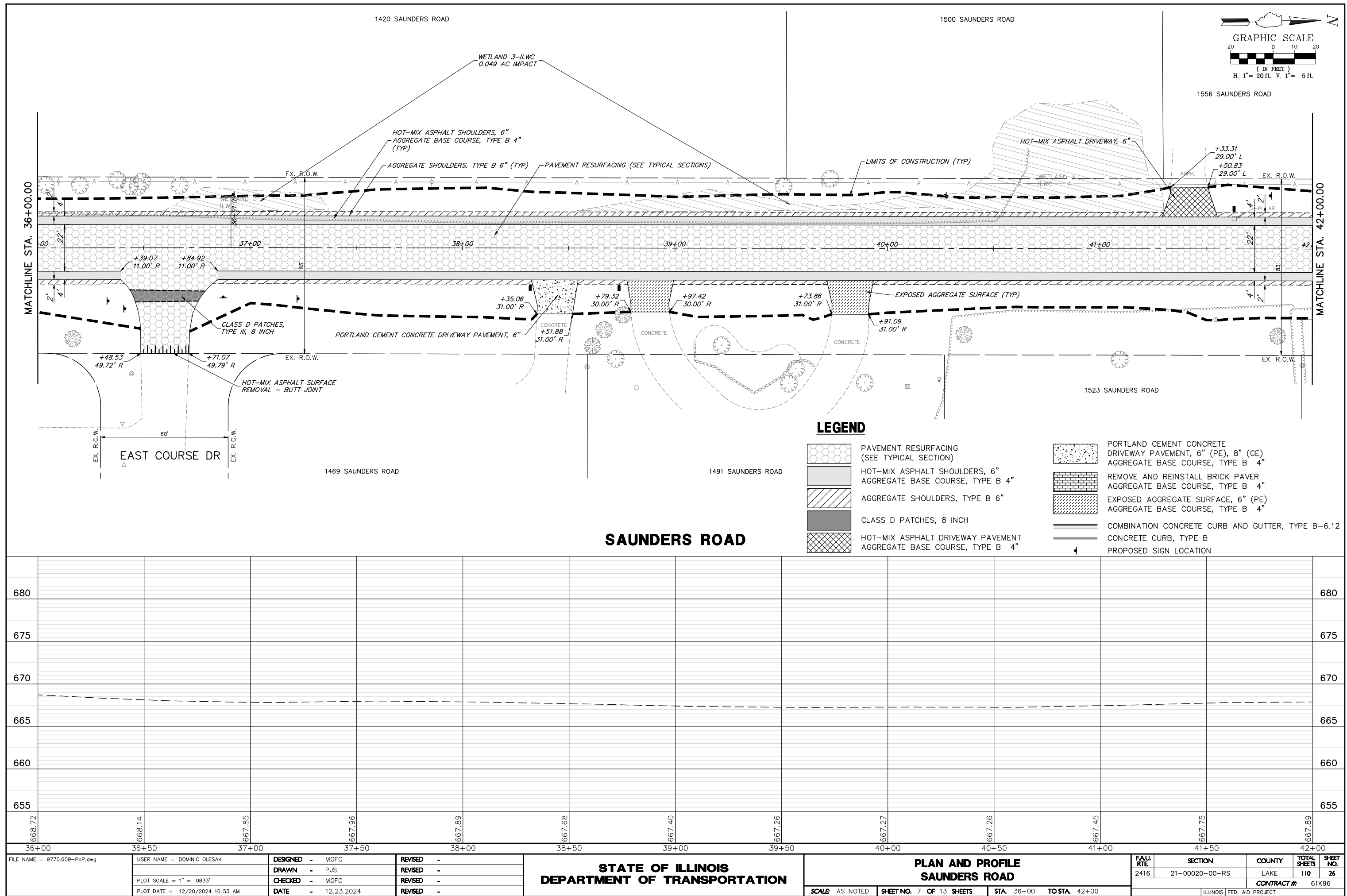


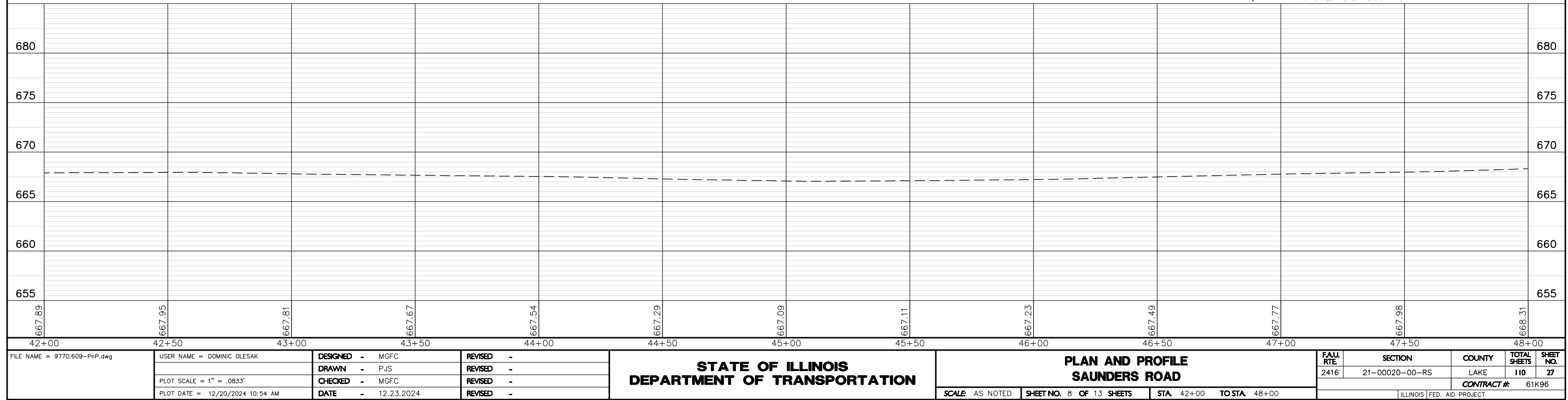
- | | | | |
|---|---|---|---|
|  | PAVEMENT RESURFACING
(SEE TYPICAL SECTION) |  | PORTLAND CEMENT CONCRETE
DRIVEWAY PAVEMENT, 6" (PE), 8" (CE)
AGGREGATE BASE COURSE, TYPE B 4" |
|  | HOT-MIX ASPHALT SHOULDERS, 6"
AGGREGATE BASE COURSE, TYPE B 4" |  | REMOVE AND REINSTALL BRICK PAVER
AGGREGATE BASE COURSE, TYPE B 4" |
|  | AGGREGATE SHOULDERS, TYPE B 6" |  | EXPOSED AGGREGATE SURFACE, 6" (PE)
AGGREGATE BASE COURSE, TYPE B 4" |
|  | CLASS D PATCHES, 8 INCH |  | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
|  | HOT-MIX ASPHALT DRIVEWAY PAVEMENT
AGGREGATE BASE COURSE, TYPE B 4" |  | CONCRETE CURB, TYPE B |
| | |  | PROPOSED SIGN LOCATION |

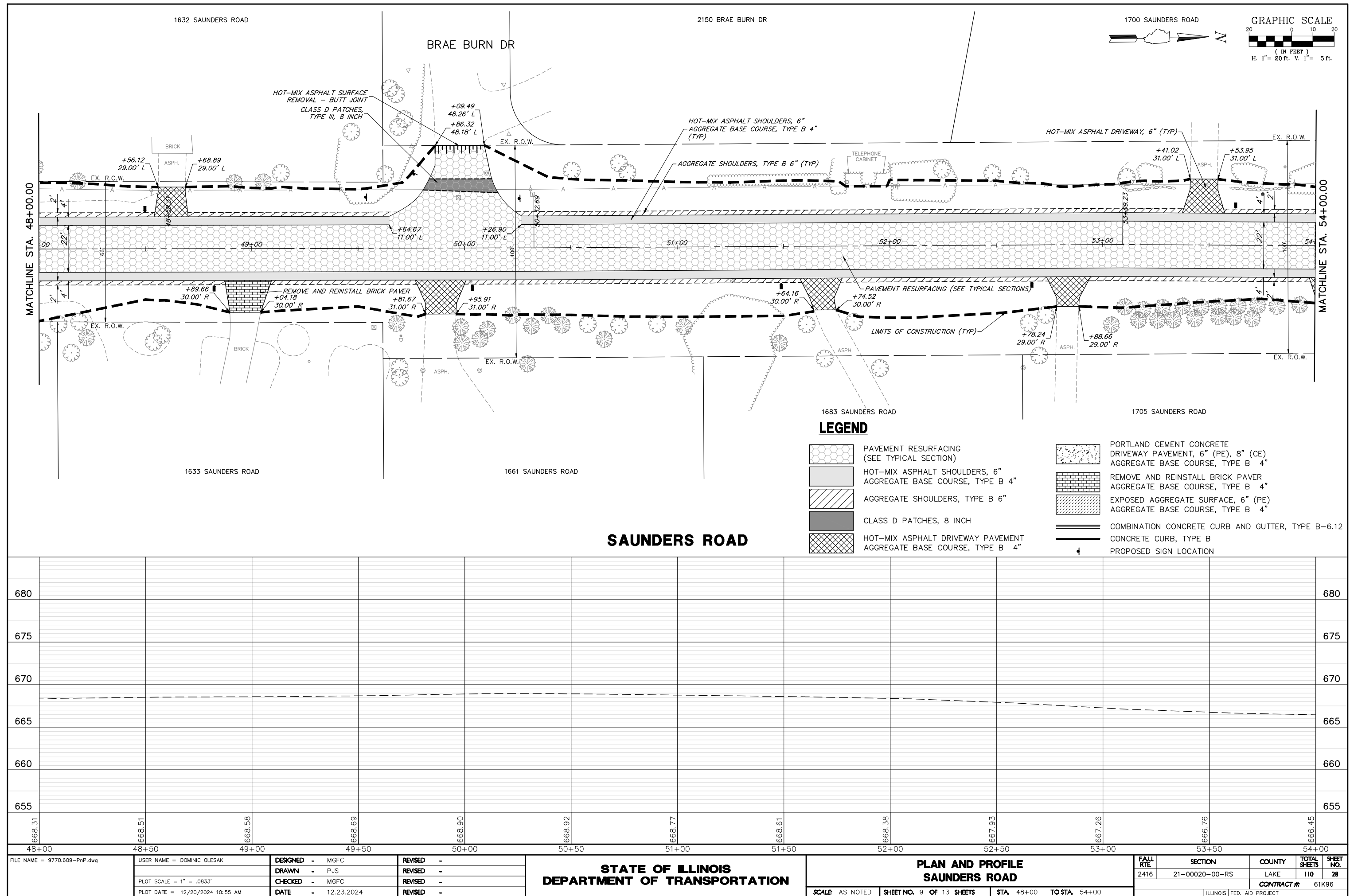
SAUNDERS ROAD

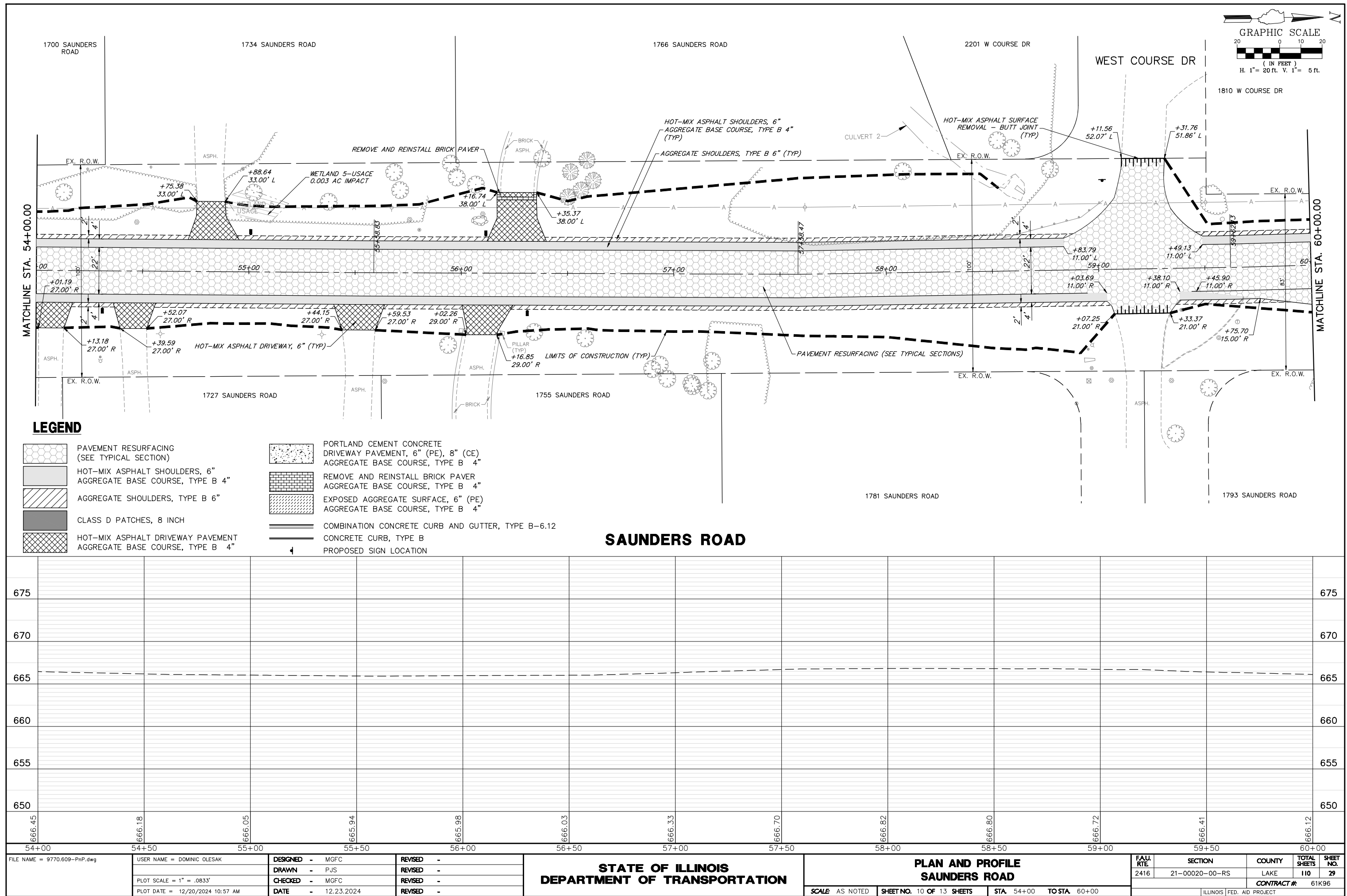
[illegible]

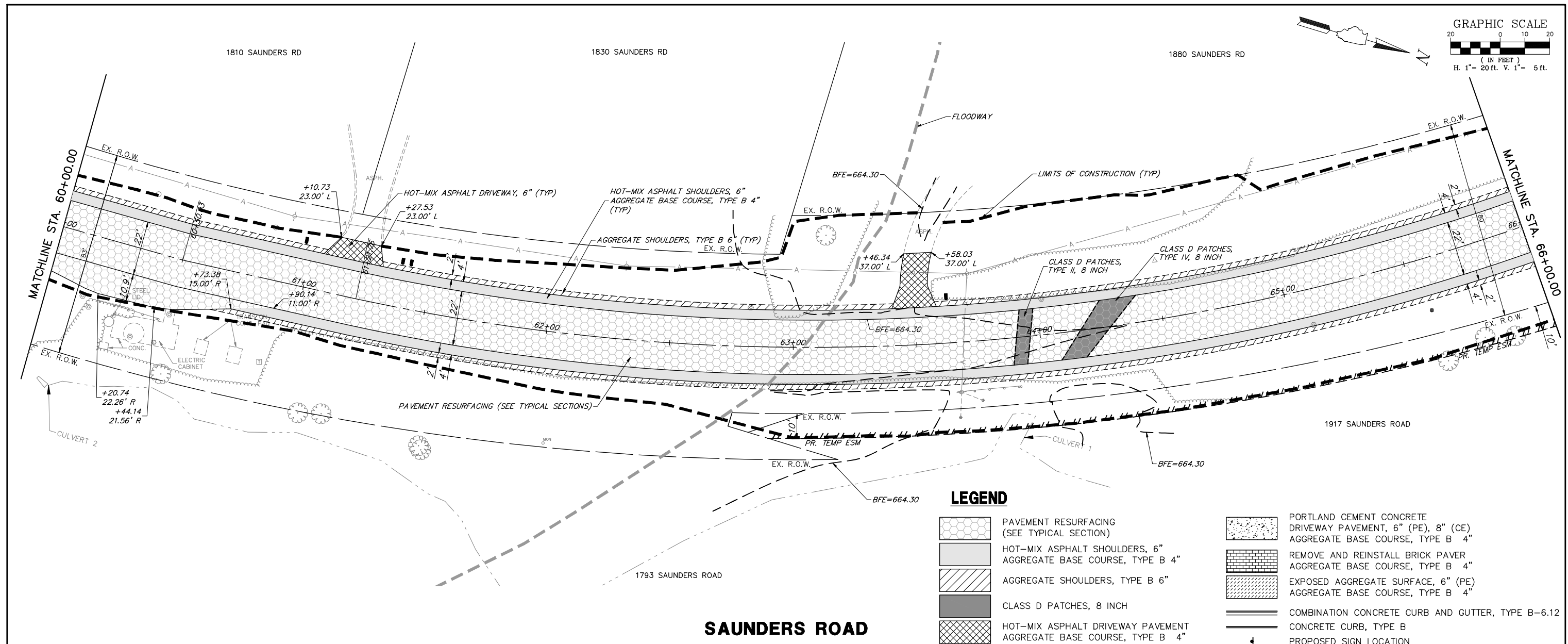


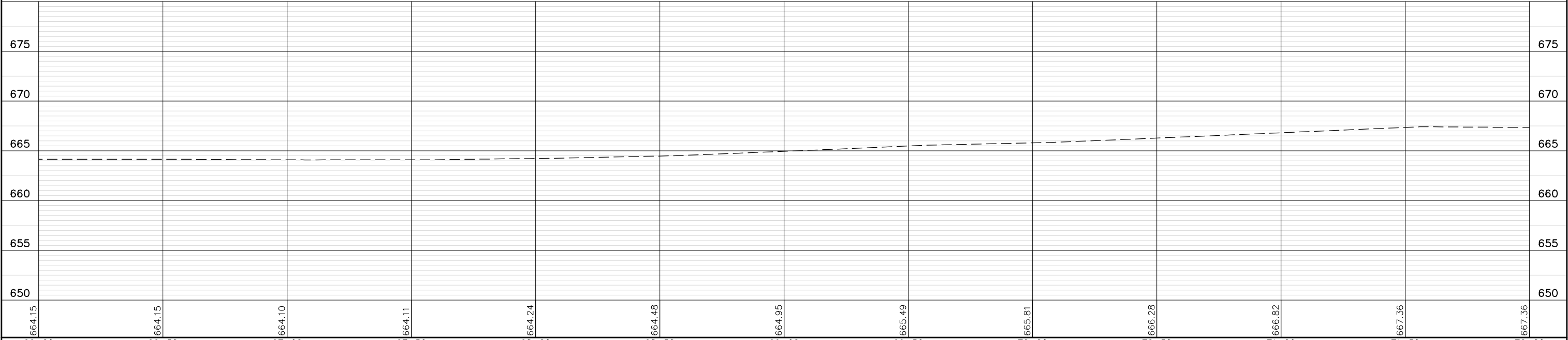




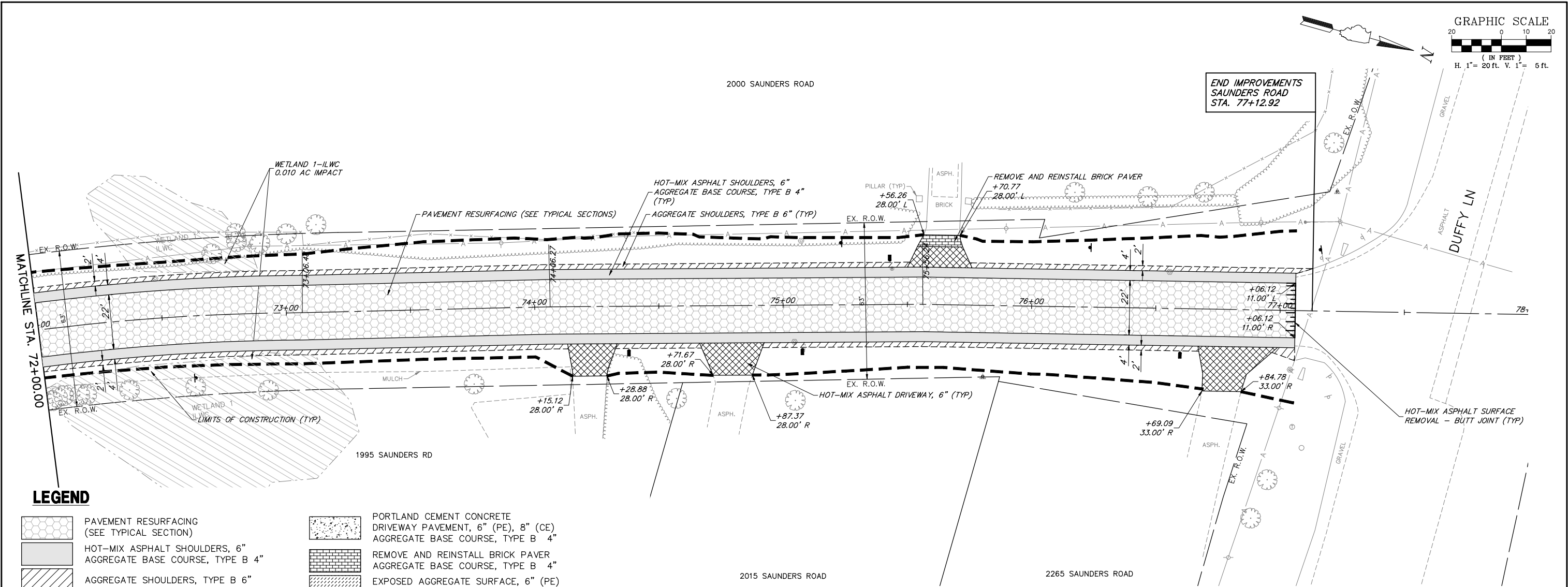




[illegible]



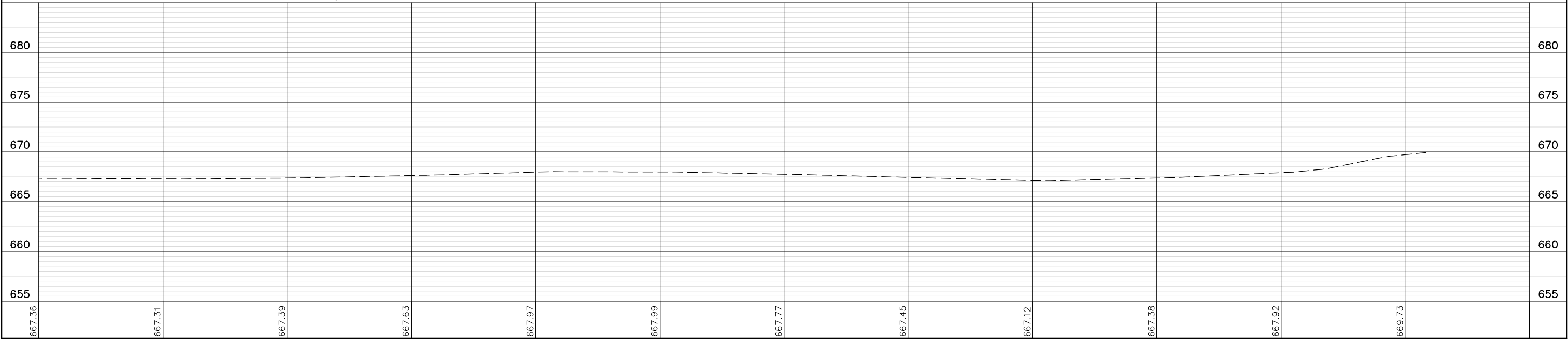
FILE NAME = 9770.609--PnP.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SAUNDERS ROAD				FAU. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - PJS	REVISED -						2416	21--00020--00--RS	LAKE	110	31
	PLOT DATE = 12/20/2024 10:59 AM	CHECKED - MGFC	REVISED -		CONTRACT #		61K96						
	PLOT DATE = 12/20/2024 10:59 AM	DATE - 12.23.2024	REVISED -		SCALE AS NOTED	SHEET NO. 12 OF 13 SHEETS	STA 66+00	TO STA 72+00	ILLINOIS FED. AID PROJECT				



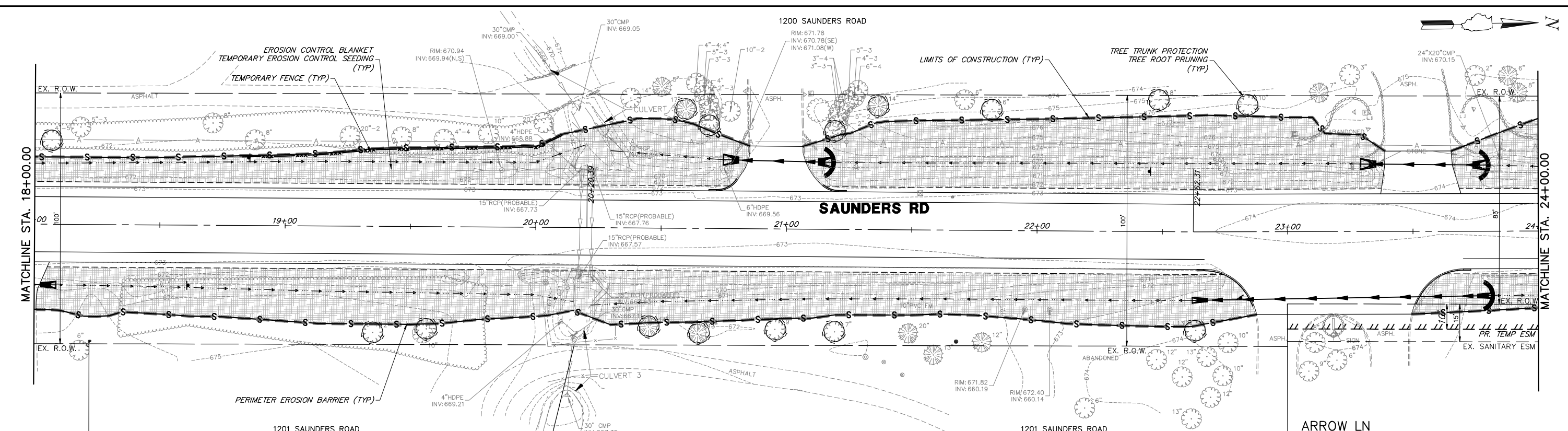
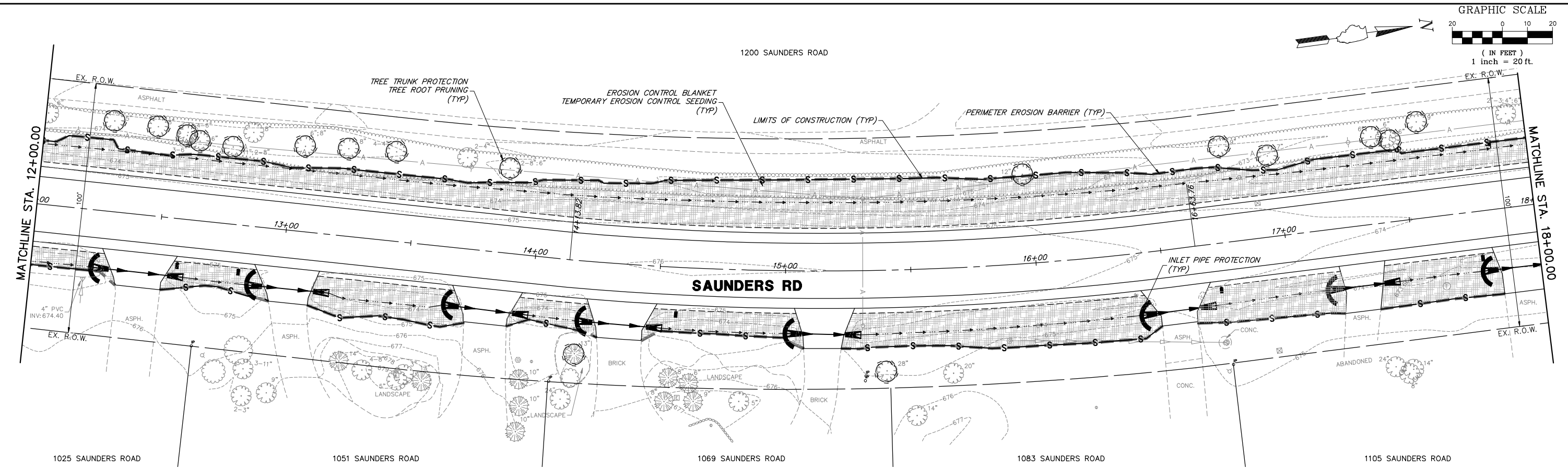
LEGEND

- PAVEMENT RESURFACING
(SEE TYPICAL SECTION)
- HOT-MIX ASPHALT SHOULDERS, 6"
AGGREGATE BASE COURSE, TYPE B 4"
- AGGREGATE SHOULDERS, TYPE B 6"
- CLASS D PATCHES, 8 INCH
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT
AGGREGATE BASE COURSE, TYPE B 4"
- PORTLAND CEMENT CONCRETE
DRIVEWAY PAVEMENT, 6" (PE), 8" (CE)
AGGREGATE BASE COURSE, TYPE B 4"
- REMOVE AND REINSTALL BRICK PAVER
AGGREGATE BASE COURSE, TYPE B 4"
- EXPOSED AGGREGATE SURFACE, 6" (PE)
AGGREGATE BASE COURSE, TYPE B 4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- CONCRETE CURB, TYPE B
- PROPOSED SIGN LOCATION

SAUNDERS ROAD



FILE NAME = 9770.609-PnP.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SAUNDERS ROAD				FAU. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - PJS	REVISED -						2416	21-00020-00-RS		LAKE	110	32
	PLOT DATE = 12/20/2024 11:00 AM	CHECKED - MGFC	REVISED -				CONTRACT #		61K96					
	DATE - 12.23.2024	REVISED -	SCALE AS NOTED		SHEET NO. 13 OF 13 SHEETS		STA. 72+00	TO STA. 78+00		ILLINOIS FED. AID PROJECT				



EROSION LEGEND

	EROSION CONTROL BLANKET
	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY FENCE
	INLET FILTERS
	INLET AND PIPE PROTECTION
	TREE TRUNK PROTECTION
	LIMITS OF CONSTRUCTION
	FLARED END SECTION
	PERIMETER EROSION BARRIER
	DITCH FLOW PATTERN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

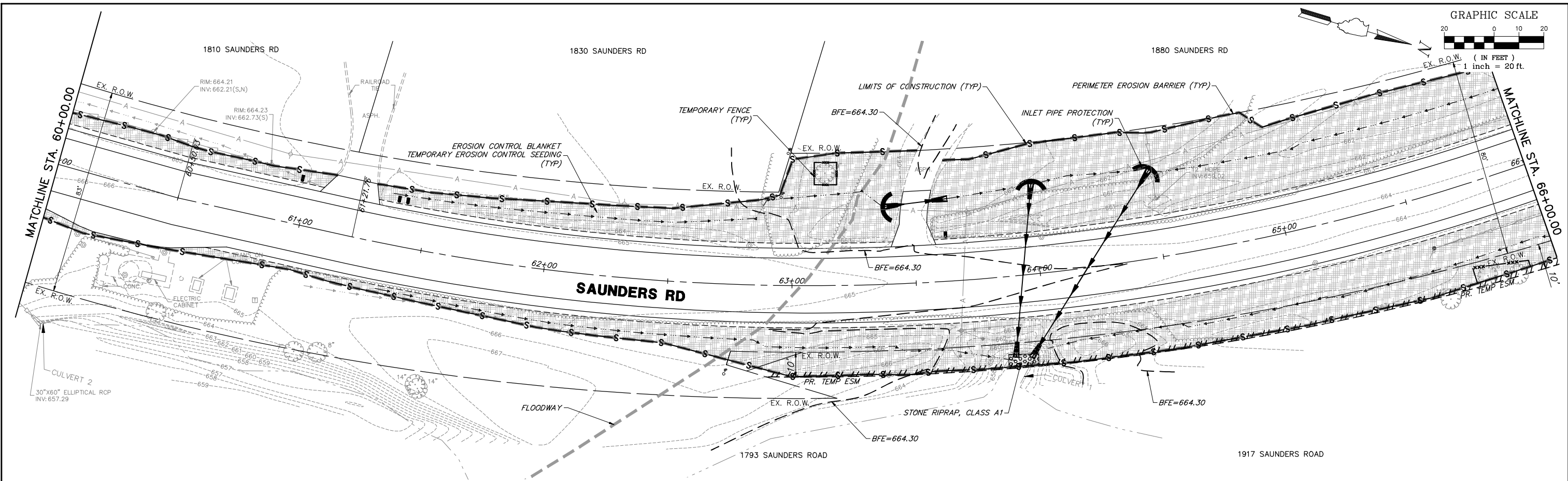
EROSION AND SEDIMENT CONTROL PLANS
SAUNDERS ROAD

SCALE 1"=20'

SHEET NO. 2 OF 7 SHEETS

STA. 12+00 TO STA. 24+00

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2416	21-00020-00-RS	LAKE	110	34
CONTRACT #			61K96	
ILLINOIS FED. AID PROJECT				



EROSION LEGEND

	EROSION CONTROL BLANKET		INLET FILTERS		TREE TRUNK PROTECTION		LIMITS OF CONSTRUCTION		FLARED END SECTION
	TEMPORARY EROSION CONTROL SEEDING		INLET AND PIPE PROTECTION		TREE ROOT PRUNING		DITCH FLOW PATTERN		
	TEMPORARY FENCE		PERIMETER EROSION BARRIER						

FILE NAME = 9770.609--SESC.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - PJS

REVISED -

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLANS
SAUNDERS ROAD

SCALE 1"=20'

SHEET NO. 6 OF 7 SHEETS

STA. 60+00

TO STA. 72+00

FAU
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

2416

21-00020-00-RS

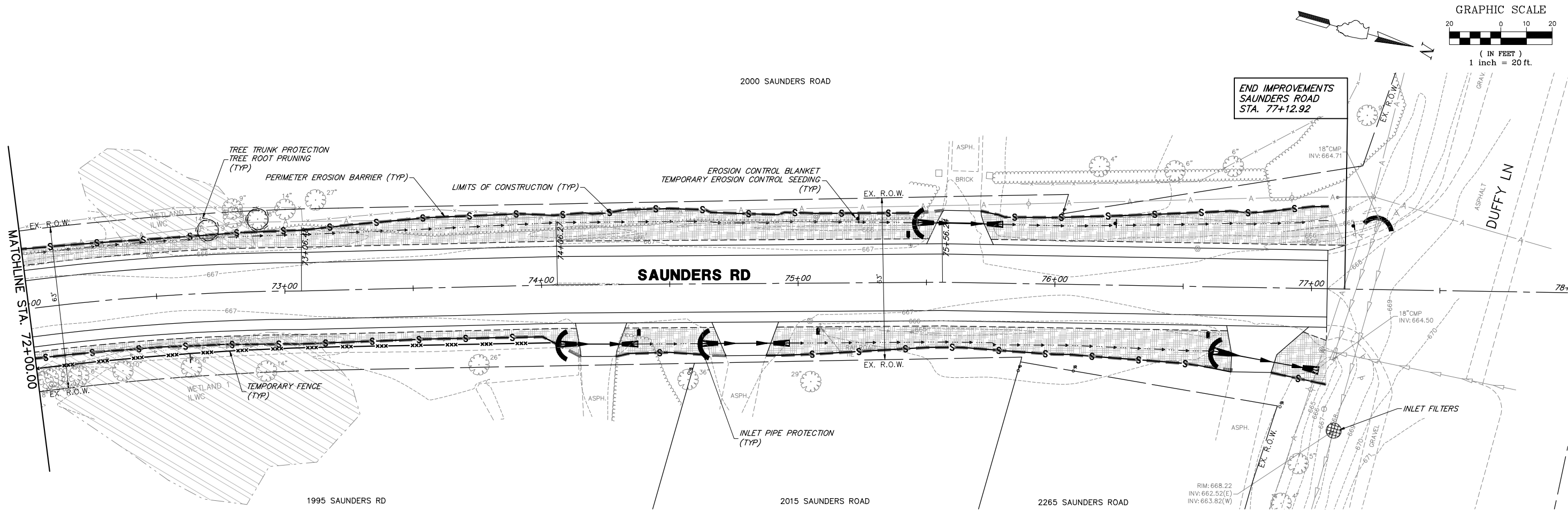
LAKE

110

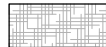
38

CONTRACT # 61K96

ILLINOIS FED. AID PROJECT



EROSION LEGEND

-  EROSION CONTROL BLANKET
TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTERS
-  TREE TRUNK PROTECTION
TREE ROOT PRUNING
-  LIMITS OF CONSTRUCTION
-  FLARED END SECTION
-  TEMPORARY FENCE
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  DITCH FLOW PATTERN

FILE NAME = 9770.609-SESC.dwg

USER NAME = DOMINIC OLESIAK

DESIGNED - MGFC

REVISED -

DRAWN - PJS

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - MGFC

REVISED -

PLOT DATE = 12/20/2024 11:05 AM

DATE - 12.23.2024

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS
SAUNDERS ROAD**

SCALE 1"=20'

SHEET NO. 7 OF 7 SHEETS

STA. 72+00

TO STA. 78+00

FAU.
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

2416

21-00020-00-RS

LAKE

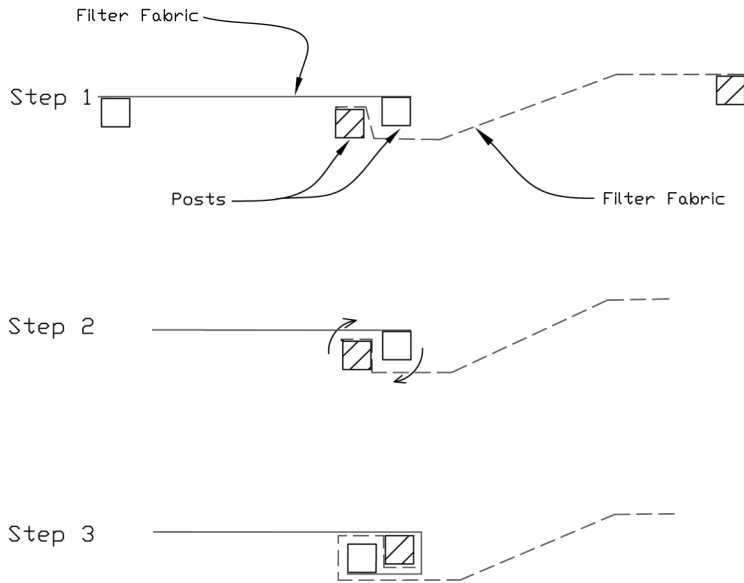
110

39

CONTRACT # 61K96

ILLINOIS FED. AID PROJECT

SILT FENCE - SPLICING TWO FENCES



ATTACHING TWO SILT FENCES

- Place the end post of the second fence inside the end post of the first fence.
- Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
- Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
- Drive both posts a minimum of 18 inches into the ground and bury the flap.
- Compact backfill (particularly at splices) completely to prevent stormwater piping.

REFERENCE	
Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	
IUM-620B(W)	
SHEET 1 OF 1	
DATE 3-16-2012	



STORMWATER MANAGEMENT COMMISSION

TYPICAL CONSTRUCTION SEQUENCING

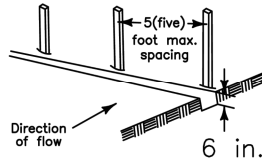
- Installation of soil erosion and sediment control SE/SC measures
 - Selective vegetation removal for silt fence installation
 - Silt fence installation
 - Construction fencing around areas not to be disturbed
 - Stabilized construction entrance
 - Tree removal where necessary (clear & grub)
 - Construct sediment trapping devices (sediment traps, basins...)
 - Construct detention facilities and outlet control structure with restrictor & temporary perforated riser
 - Strip topsoil, stockpile topsoil and grade site
 - Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope)
 - Install storm sewer, sanitary sewer, water and associated inlet & outlet protection
 - Permanently stabilize detention basins with seed and erosion control blanket
 - Temporarily stabilize all areas including lots that have reached temporary grade
 - Install roadways
 - Permanently stabilize all outlot areas
 - Install structures and grade individual lots
 - Permanently stabilize lots
 - Remove all temporary SE/SC measures after the site is stabilized with vegetation
- * Soil erosion and sediment control maintenance must occur every two weeks and after every ½ or greater rainfall event

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

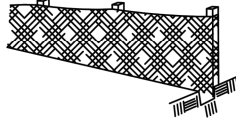
LAKE COUNTY STORMWATER MANAGEMENT COMMISSION
SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION
NOTES

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

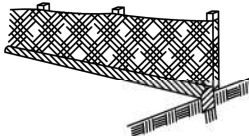
- Set posts and excavate or slit-trench a 6-inch deep trench upslope along the line of the post



- Attach the geotextile filter fabric to each post with a minimum of 3 (three) fasteners per post and extend to the bottom of the trench. Acceptable fasteners include staples, zip ties, or wire ties

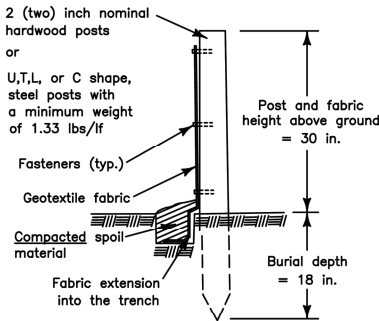


- Backfill and compact the excavated spoil materials



Geotextile Requirement	Test Method	MARV
Grab strength	ASTM D 4632	
- Machine direction		550 N
- X-machine direction		450 N
Permittivity	ASTM D 4491	0.05 sec-1
Apparent opening size*	ASTM D 4751	0.60 mm
Ultraviolet stability (retained strength)	ASTM D 4355	70% after 500 hours

Note:
Value for apparent opening size represents maximum average roll value.



STORMWATER MANAGEMENT COMMISSION

SILT FENCE DETAIL

DATE: 4/21/08 BY: KAW
REVISED: BY:

FILE NAME = 9770.609-DT.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - PJS

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - MGFC

REVISED -

PLOT DATE = 12/20/2024 11:05 AM

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL EROSION AND SEDIMENT CONTROL DETAILS
SAUNDERS ROAD

SCALE NONE

SHEET NO. 1 OF 2 SHEETS

STA

TO STA

FAU RTE

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

2416

21-00020-00-RS

LAKE

110

40

CONTRACT # 61K96

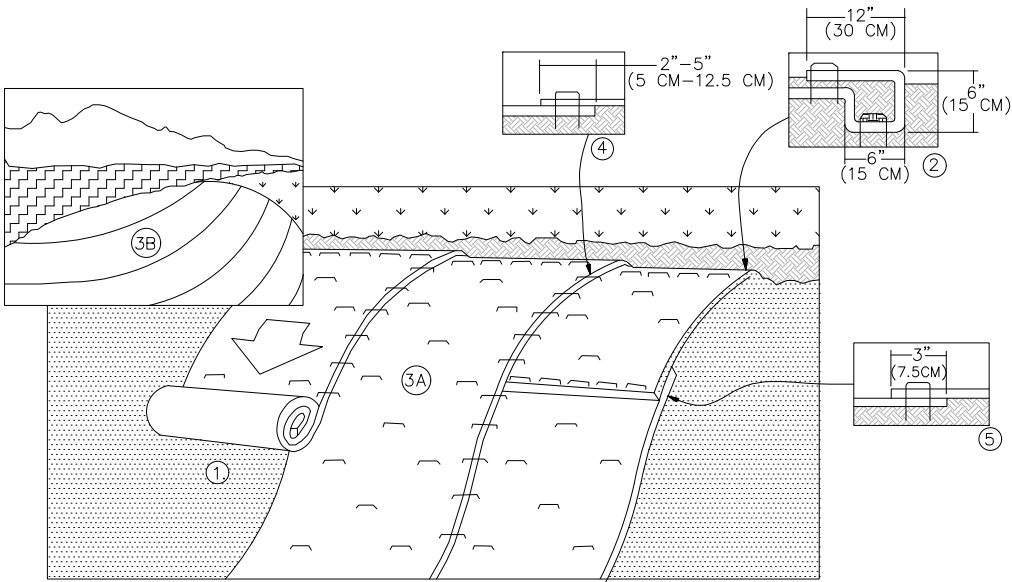
ILLINOIS FED. AID PROJECT

NOTES:

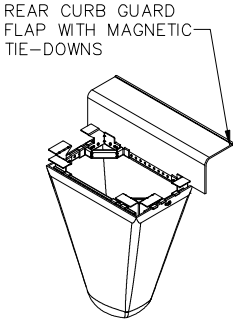
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP'S.
3. ROLL THE RECP'S (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5 CM - 12.5 CM) OVERLAP DEPENDING ON RECP'S TYPE.
5. CONSECUTIVE RECP'S SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP'S WIDTH.

NOTE:

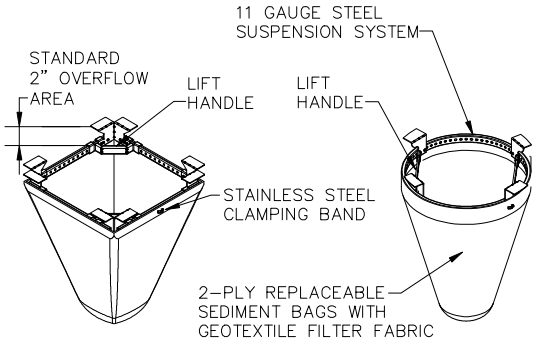
*IN LOOSE SOIL, CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP'S.



STAPLE PLACEMENTS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. SEE STAPLE PATTERN GUIDES FOR ACTUAL RECOMMENDED PLACEMENTS.



TYPICAL CURB BOX INLET FILTER



TYPICAL FLAT/RECTANGULAR/ROLLED CURB INLET FILTER

TYPICAL ROUND INLET FILTER

Material Property	Test Method	Value (min. ave.)	
> Inner Filter Bag Specs (2ft ³ min vol)		Non-Woven	Woven Mono
Grab Tensile	ASTM D 4632	100 lbs	200 lbs
Puncture Strength	ASTM D 4833	65 lbs	90 lbs
Trapezoidal Tear	ASTM D 4535	45 lbs	75 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs	90%
App Open Size (AOS)	ASTM D 4751	70 sieve (.212 mm)	40 sieve (.425 mm)
Permittivity	ASTM D 4491	2.0/sec.	2.1/sec
Water Flow Rate	ASTM D 4491	145 gpm/sqft.	145gpm/sqft
> Polyester Outer Reinforcement Bag Specifications			
Weight	ASTM D 3776	4.55 oz/sqyd +/-15%	
Thickness	ASTM D 1777	.040 +/- .005	
> Frame Construction			
A36 Structural Steel;	ASTM A 576	Tensile Strength > 58,000 psi	
11 Gauge, Zinc Plated		Yield Strength > 36,000 psi	

MAINTENANCE
1. CLEAN OUT AFTER EVERY RAIN EVENT

03.15.2016

03.15.2016



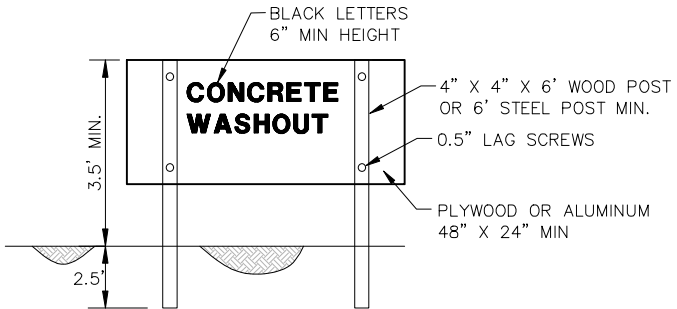
EROSION CONTROL BLANKET SLOPE INSTALLATION



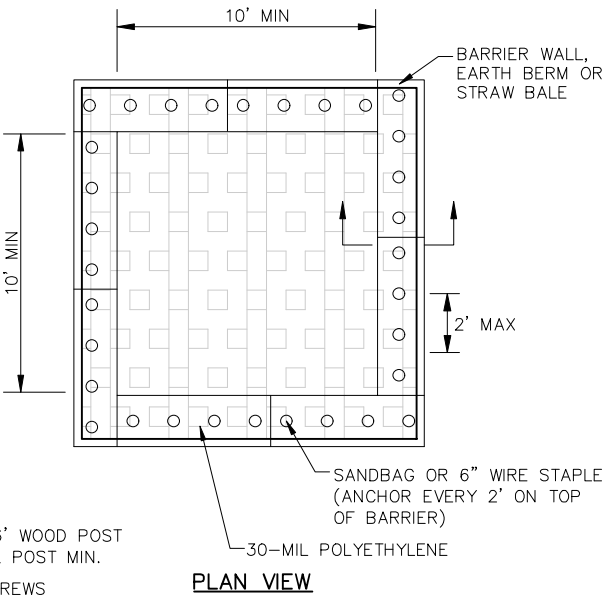
INLET FILTER BASKET DETAIL

NOTES

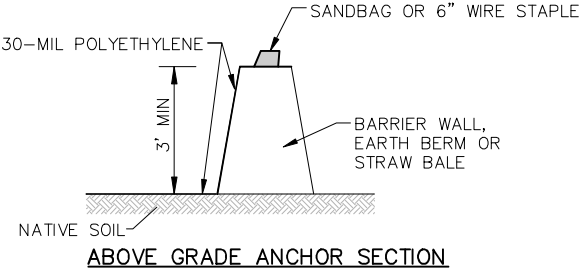
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. CONCRETE WASHOUT SHOULD NOT BE ALLOWED IN STREET OR TO REACH A STORM WATER DRAINAGE SYSTEM OR WATERCOURSE.
4. CONCRETE WASHOUT AREA TO BE LOCATED AT LEAST 10' BEHIND CURB IF ADJACENT TO A PAVED ROAD.
5. IF USING STRAW BALES, STAKE IN PLACE USING (2) 2"x2"x4' WOODEN STAKES.
6. STRAW BALES SHALL BE TRENCHED IN 3".
7. CONCRETE WASHOUT DUMPSTER MAY BE USED IN LIEU OF CONSTRUCTION ONE AS DETAILED.



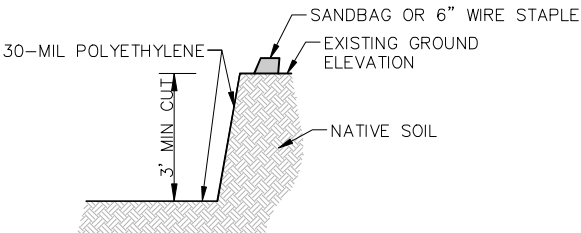
CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT)



PLAN VIEW



ABOVE GRADE ANCHOR SECTION



SUBGRADE ANCHOR SECTION

MAINTENANCE:

1. DRIED CONCRETE WASTE SHALL BE PICKED UP AND DISPOSED OF PROPERLY WHEN 75% OF CAPACITY IS REACHED.
2. HARDENED CONCRETE CAN BE PROPERLY RECYCLED AND REUSED ONSITE OR HAULED OFF-SITE TO AN APPROPRIATE FACILITY.

03.15.2016



CONCRETE WASHOUT

FILE NAME = 9770.609-DT.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - PJS

REVISED -

PLOT DATE = 12/20/2024 11:06 AM

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL EROSION AND SEDIMENT CONTROL DETAILS
SAUNDERS ROAD

SCALE NONE

SHEET NO. 2 OF 2 SHEETS

STA.

TO STA.

FAU RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

2416

21-00020-00-RS

LAKE

110

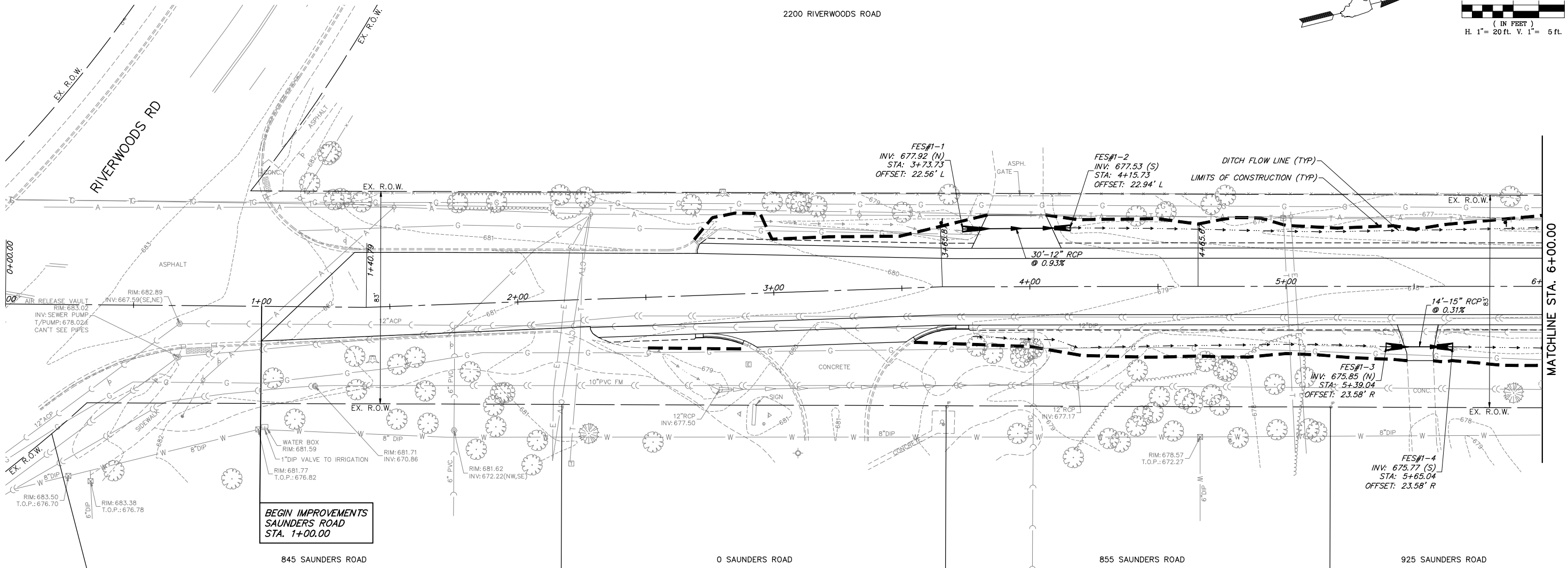
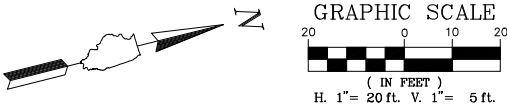
41

CONTRACT #

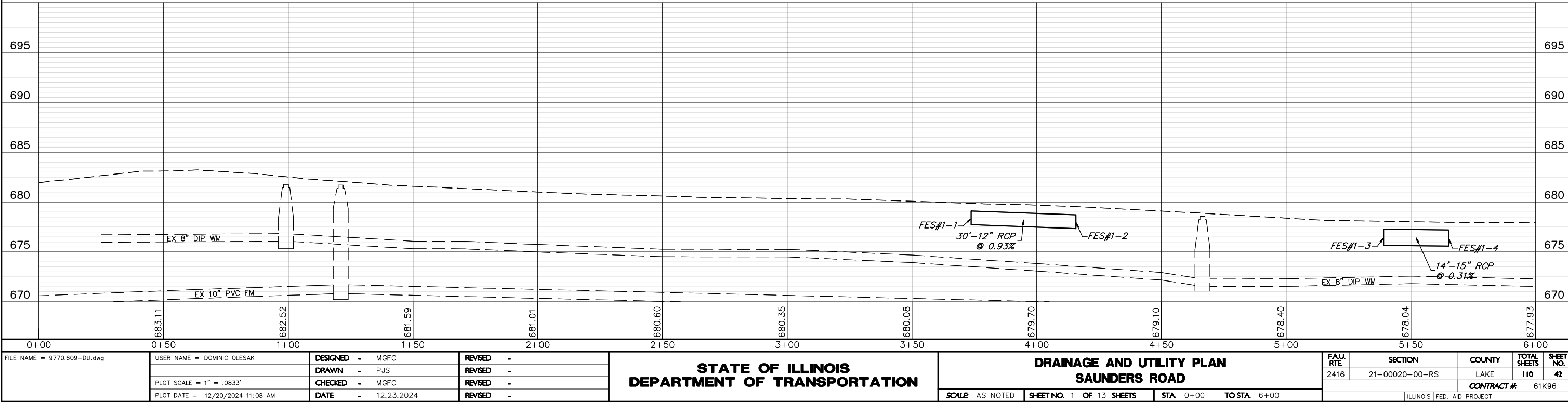
61K96

ILLINOIS FED. AID PROJECT

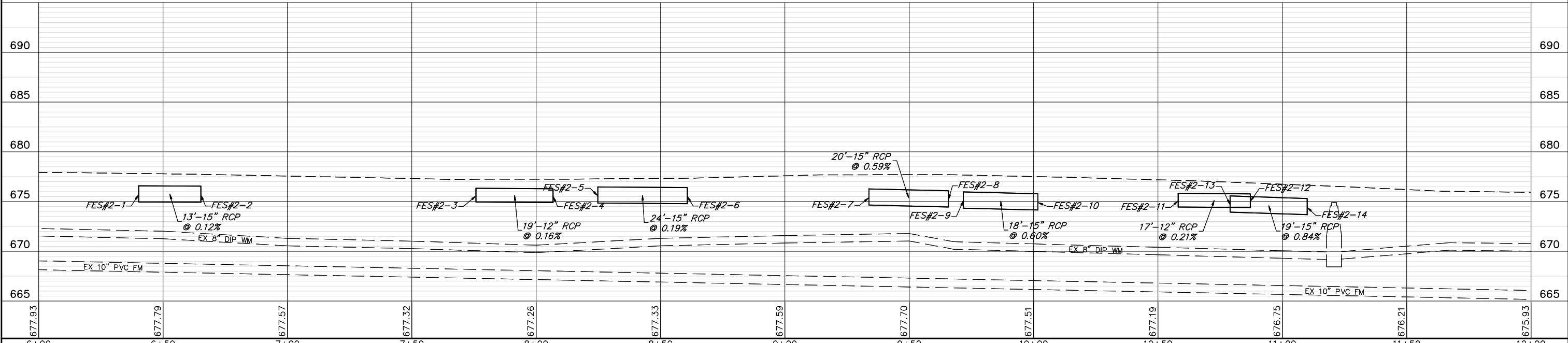
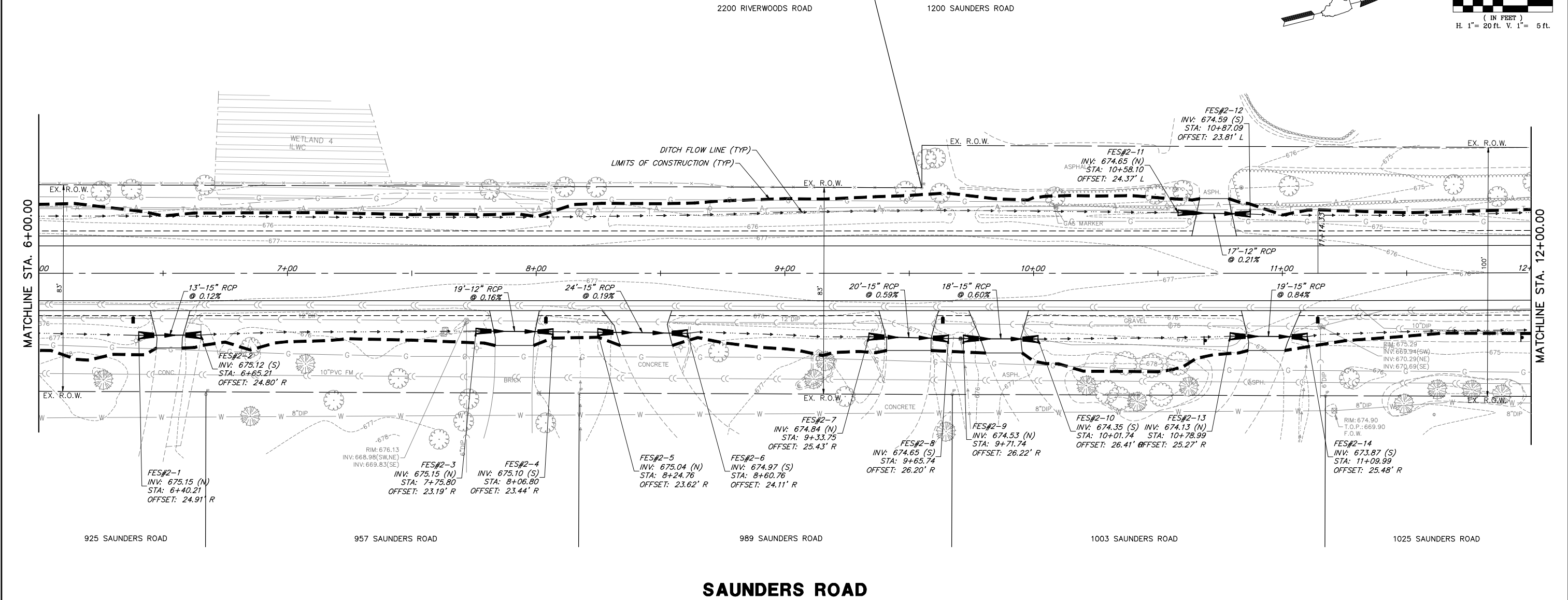
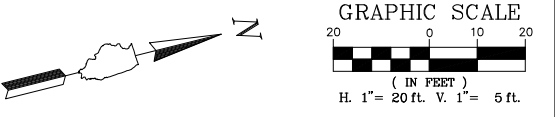
2200 RIVERWOODS ROAD



SAUNDERS ROAD

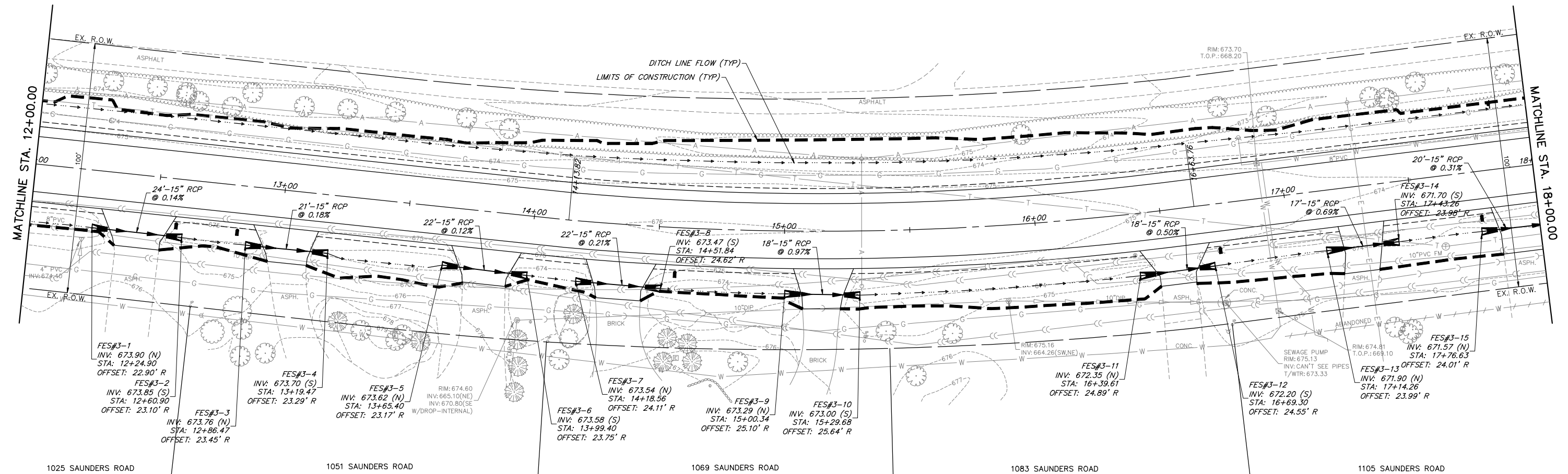
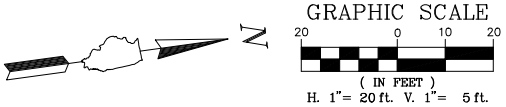


FILE NAME = 9770.609-DU.dwg		USER NAME = DOMINIC OLESAK		DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE AND UTILITY PLAN SAUNDERS ROAD		FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = 1" = .0833'		DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	42
		PLOT DATE = 12/20/2024 11:08 AM		CHECKED - MGFC	REVISED -					CONTRACT # 61K96				
				DATE - 12.23.2024	REVISED -					ILLINOIS FED. AID PROJECT				
						SCALE AS NOTED		SHEET NO. 1 OF 13 SHEETS		STA. 0+00 TO STA. 6+00				

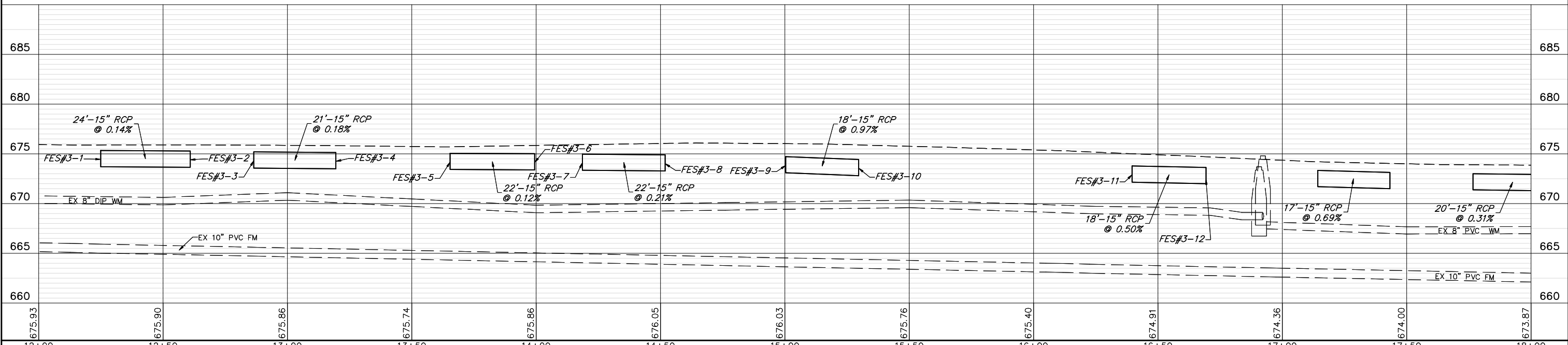


FILE NAME = 9770.609-DU.dwg		USER NAME = DOMINIC OLESAK		DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE AND UTILITY PLAN SAUNDERS ROAD		FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	43
PLOT SCALE = 1" = .0833'				CHECKED - MGFC	REVISED -					CONTRACT # 61K96				
PLOT DATE = 12/20/2024 11:11 AM				DATE - 12.23.2024	REVISED -					ILLINOIS FED. AID PROJECT				
						SCALE AS NOTED		SHEET NO. 2 OF 13 SHEETS		STA. 6+00 TO STA. 12+00				

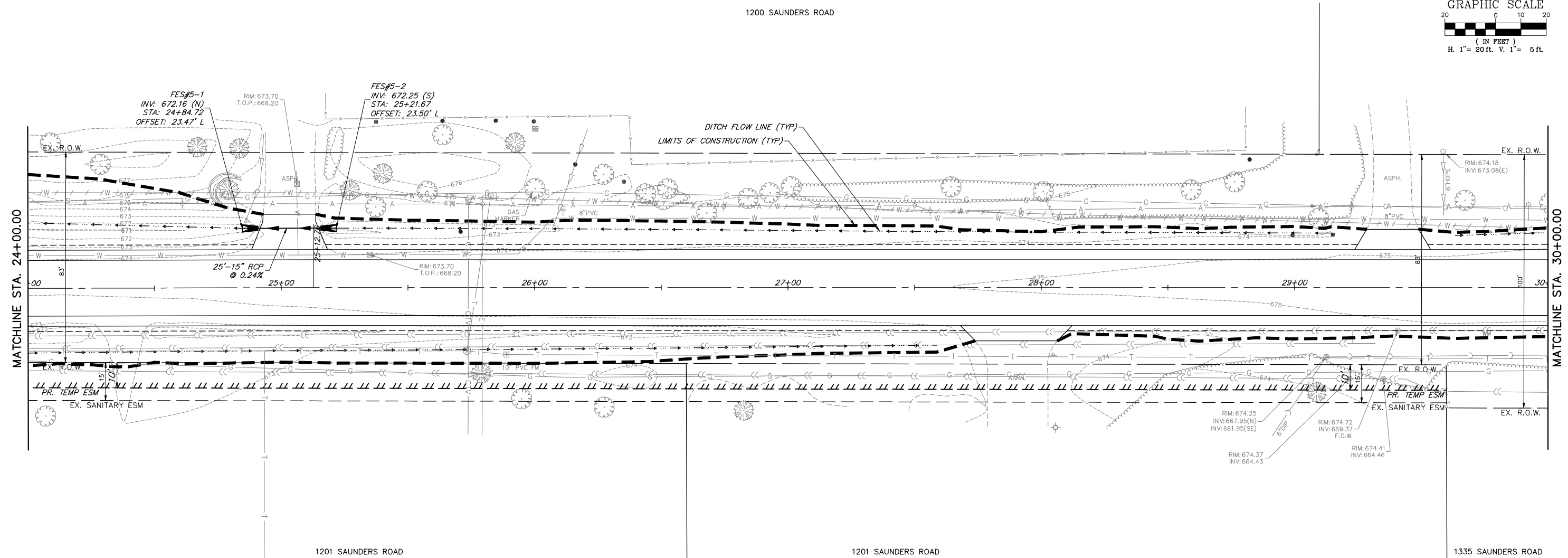
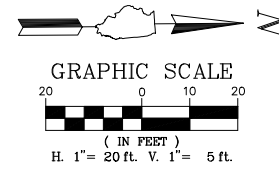
1200 SAUNDERS ROAD



SAUNDERS ROAD



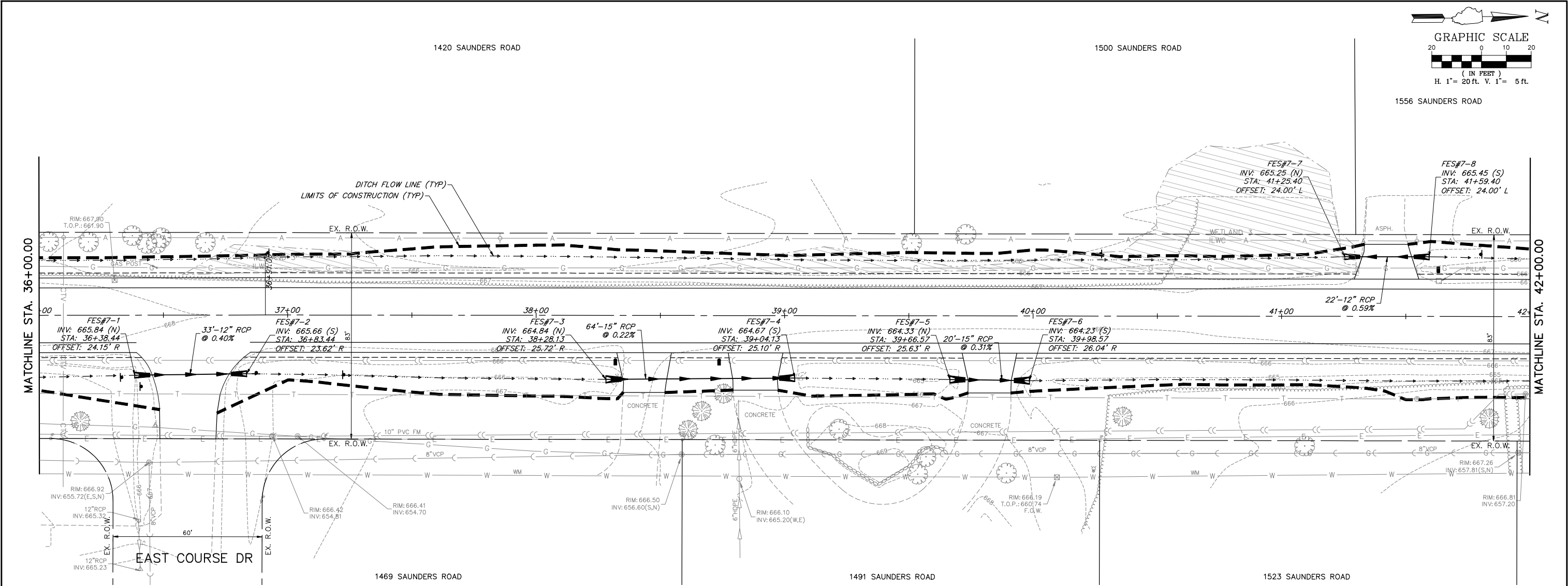
12+00	12+50	13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00					
FILE NAME = 9770.609-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DRAINAGE AND UTILITY PLAN SAUNDERS ROAD				FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - PJS	REVISED -									2416	21-00020-00-RS	LAKE	110	44	
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -									CONTRACT #				61K96	
	PLOT DATE = 12/20/2024 11:12 AM	DATE - 12.23.2024	REVISED -					SCALE AS NOTED				SHEET NO. 3 OF 13 SHEETS		STA. 12+00 TO STA. 18+00		ILLINOIS FED. AID PROJECT	



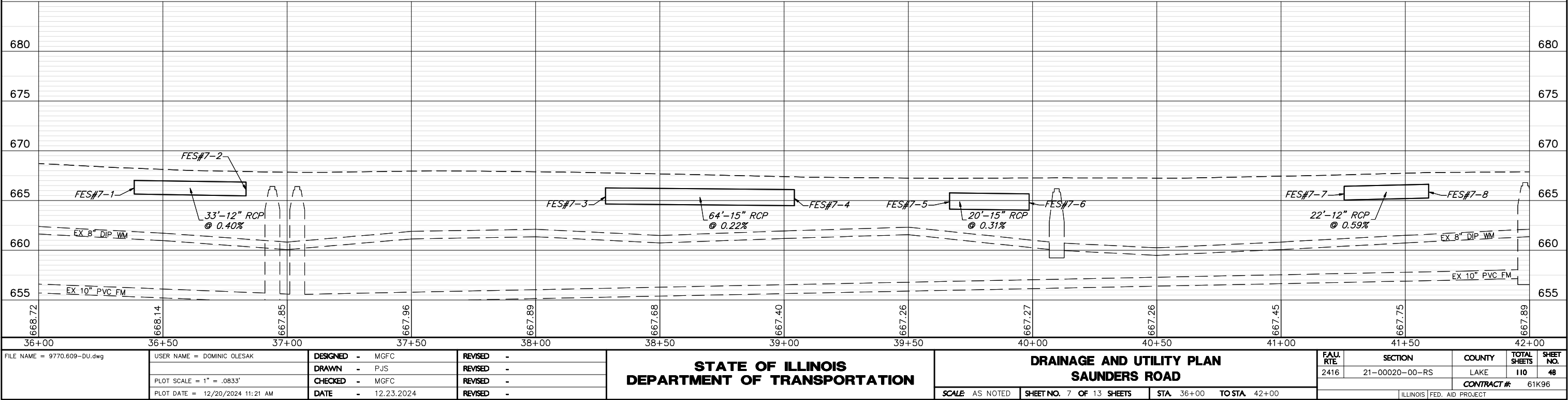
SAUNDERS ROAD



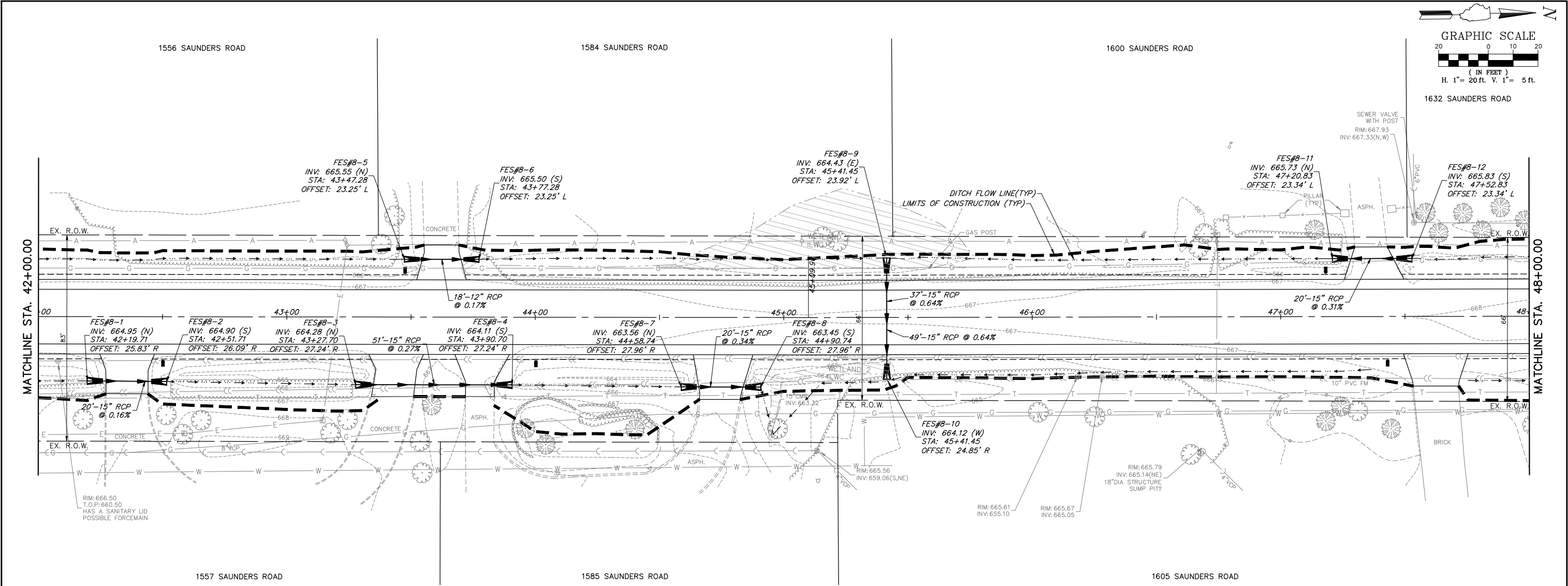
FILE NAME = 9770.609-DU.dwg		USER NAME = DOMINIC OLESAK		DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DRAINAGE AND UTILITY PLAN SAUNDERS ROAD				FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1" = .0833'		PLOT DATE = 12/20/2024 11:17 AM		DRAWN - PJS	REVISED -									2416	21-00020-00-RS	LAKE	110	46
				CHECKED - MGFC	REVISED -									CONTRACT # 61K96				
				DATE - 12.23.2024	REVISED -									ILLINOIS FED. AID PROJECT				
								SCALE AS NOTED		SHEET NO. 5 OF 13 SHEETS		STA. 24+00 TO STA. 30+00						



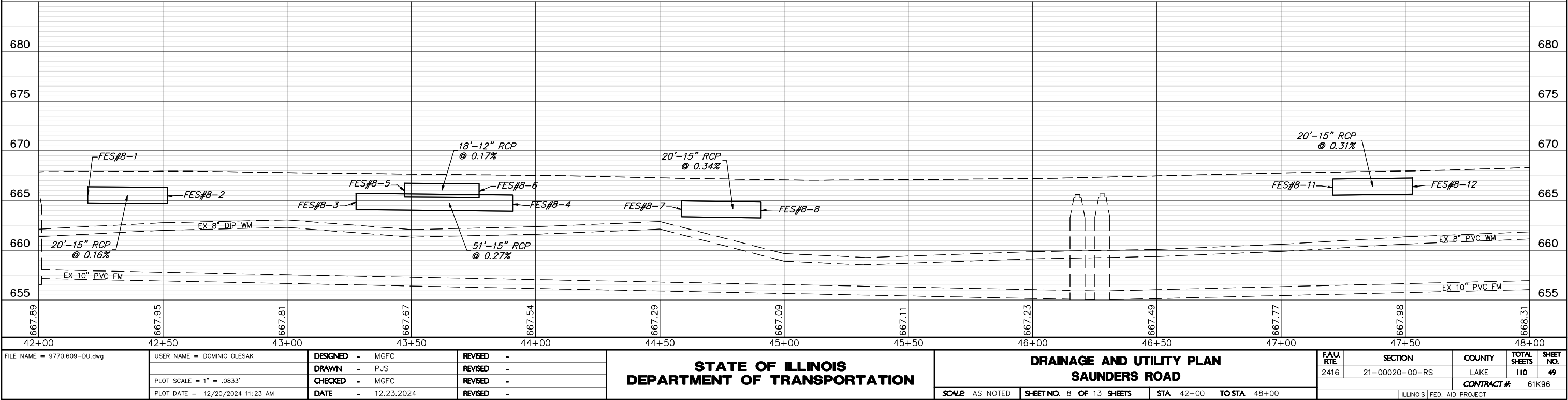
SAUNDERS ROAD

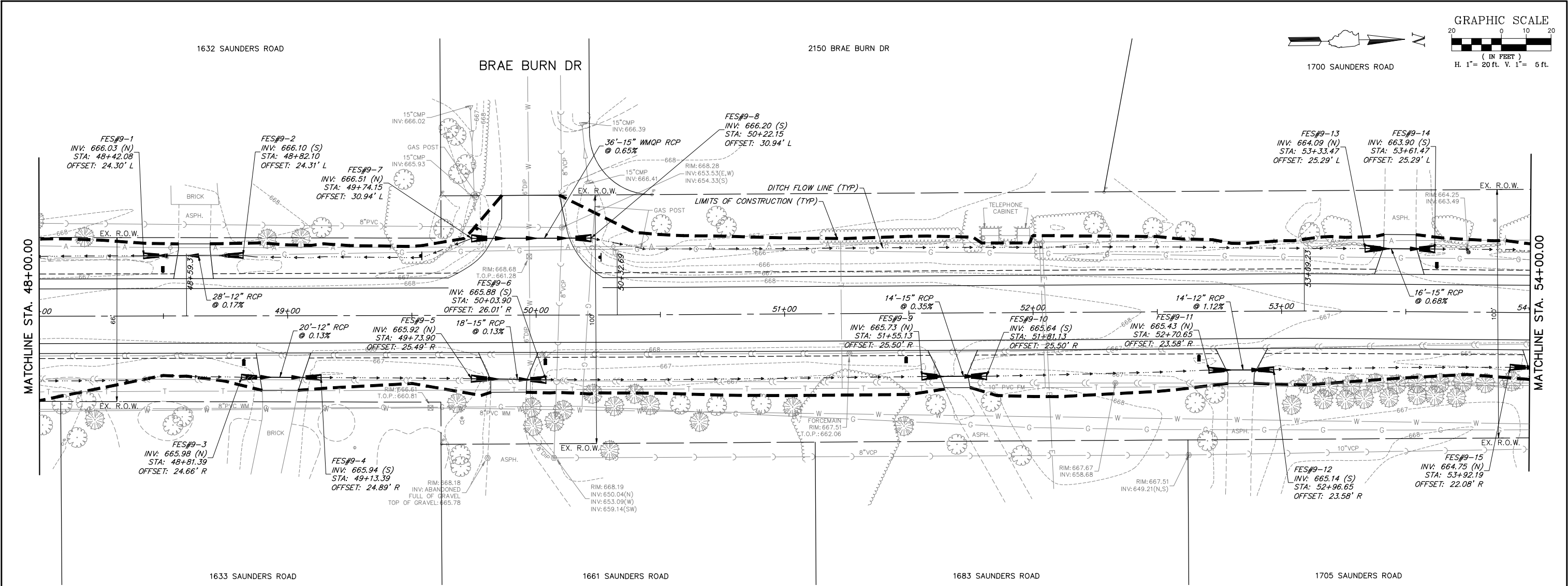


FILE NAME = 9770.609-DU.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN SAUNDERS ROAD				FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - PJS	REVISED -						2416	21-00020-00-RS	LAKE	110	48
	PLOT DATE = 12/20/2024 11:21 AM	CHECKED - MGFC	REVISED -				CONTRACT #:		61K96				
	DATE - 12.23.2024	REVISED -	SCALE AS NOTED		SHEET NO. 7 OF 13 SHEETS		STA. 36+00	TO STA. 42+00		ILLINOIS FED. AID PROJECT			

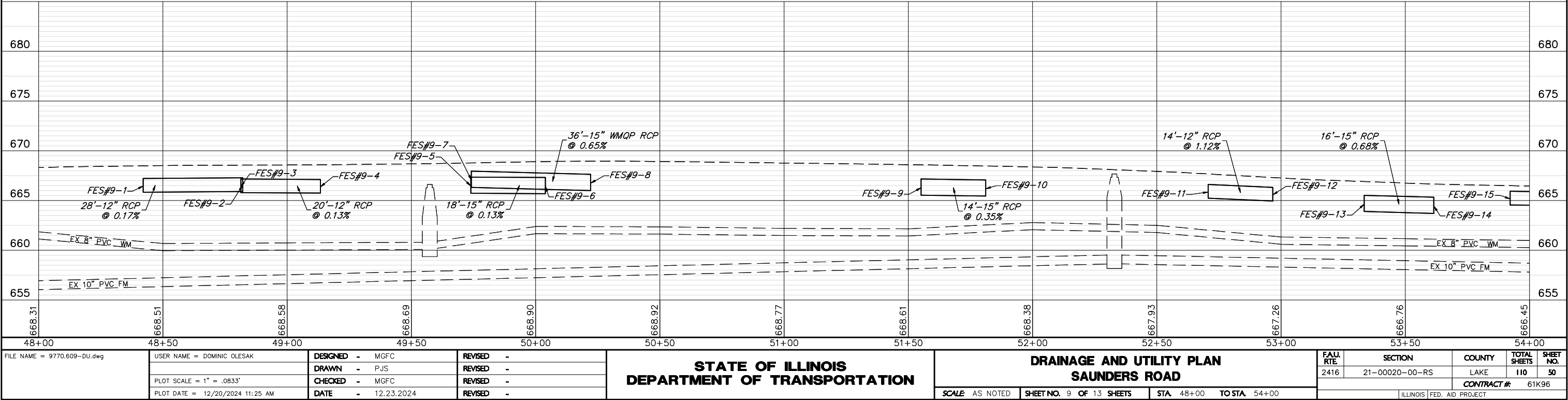


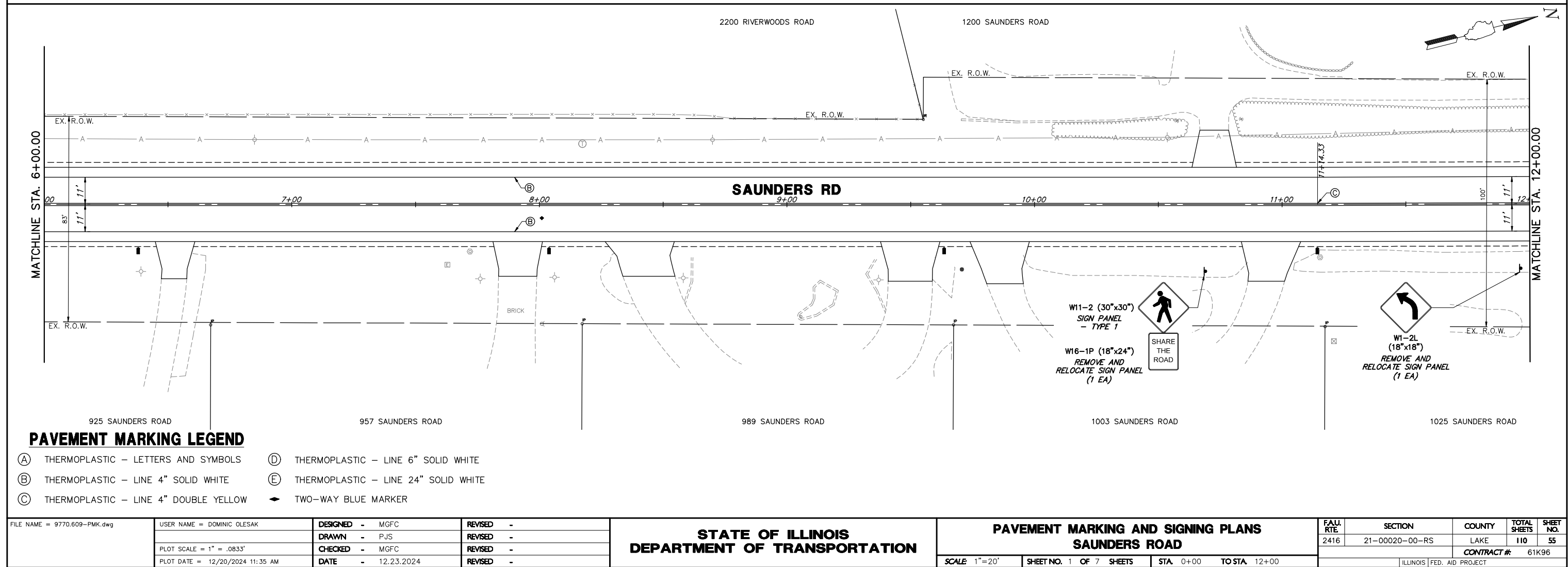
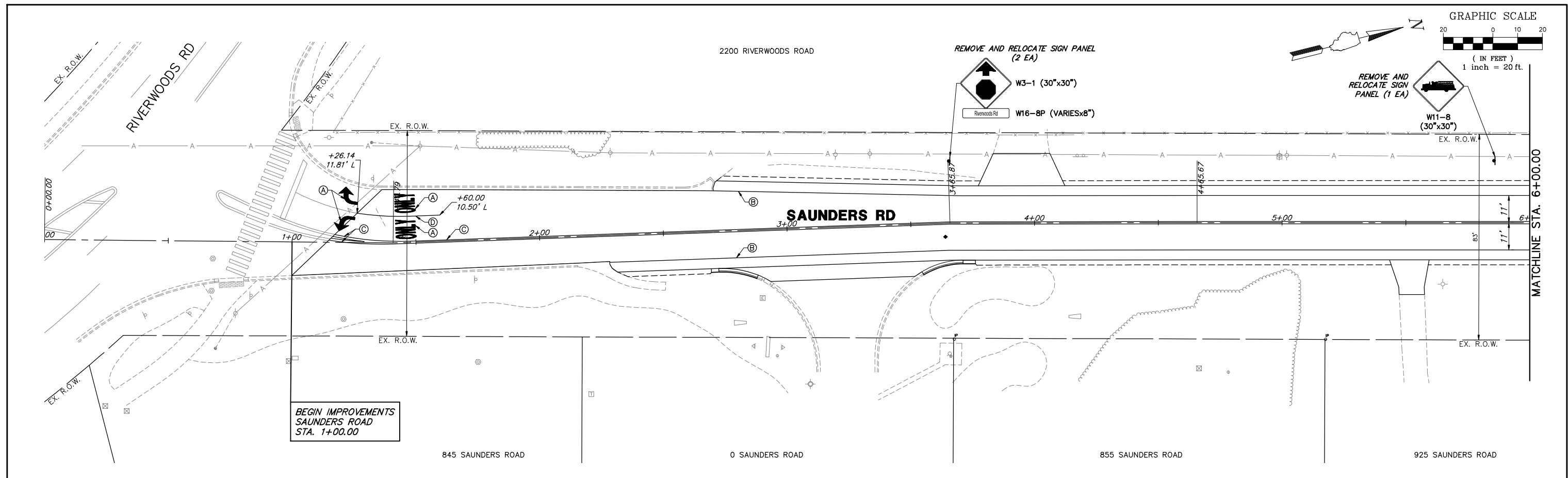
SAUNDERS ROAD

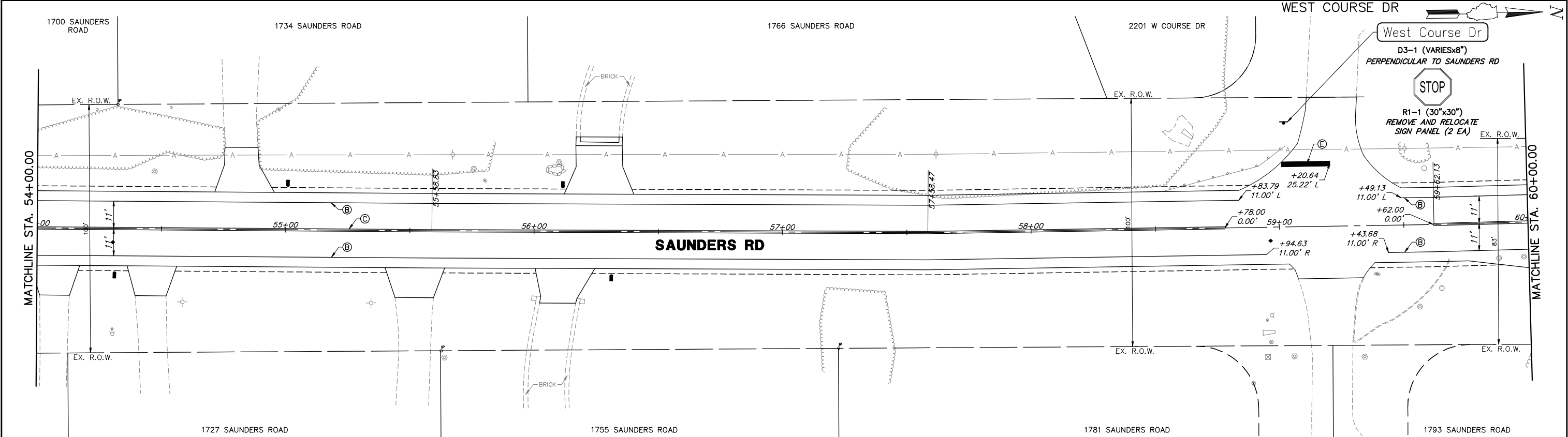
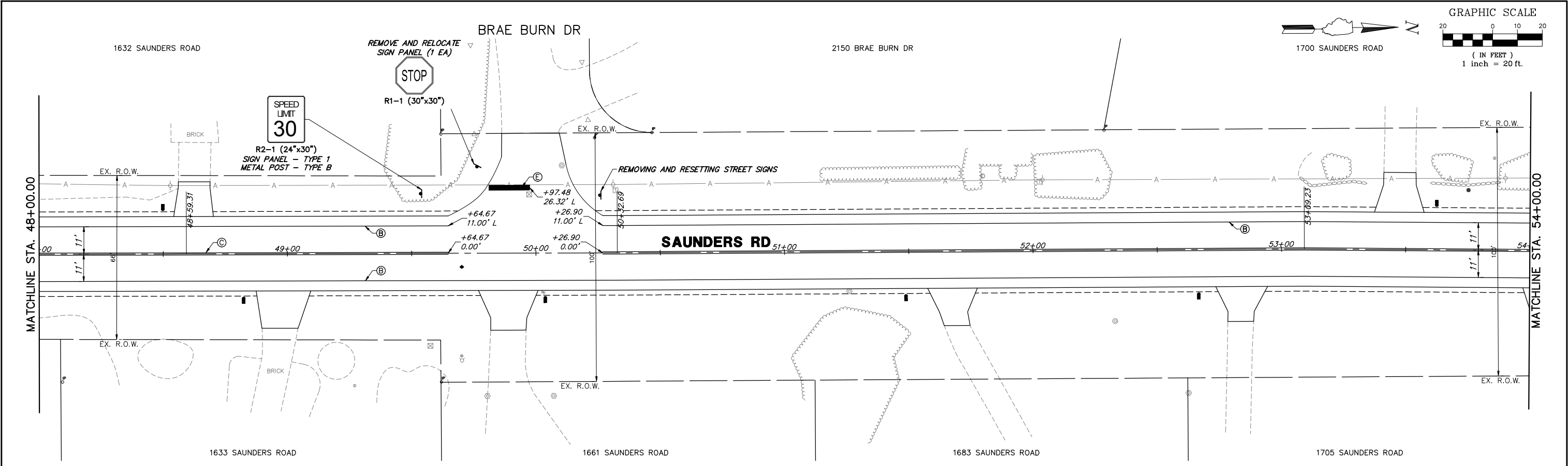




SAUNDERS ROAD







PAVEMENT MARKING LEGEND

(A) THERMOPLASTIC - LETTERS AND SYMBOLS

(B) THERMOPLASTIC - LINE 4" SOLID WHITE

(C) THERMOPLASTIC - LINE 4" DOUBLE YELLOW

(D) THERMOPLASTIC - LINE 6" SOLID WHITE

(E) THERMOPLASTIC - LINE 24" SOLID WHITE

TWO-WAY BLUE MARKER

FILE NAME = 9770.609-PMK.dwg

USER NAME = DOMINIC OLESAK

PLOT SCALE = 1" = .0833'

PLOT DATE = 12/20/2024 11:36 AM

DESIGNED - MGFC

DRAWN - PJS

CHECKED - MGFC

DATE - 12.23.2024

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLANS

SAUNDERS ROAD

SCALE 1"=20'

SHEET NO. 5 OF 7 SHEETS

STA 48+00 TO STA 60+00

FAU RTE

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

2416

21-00020-00-RS

LAKE

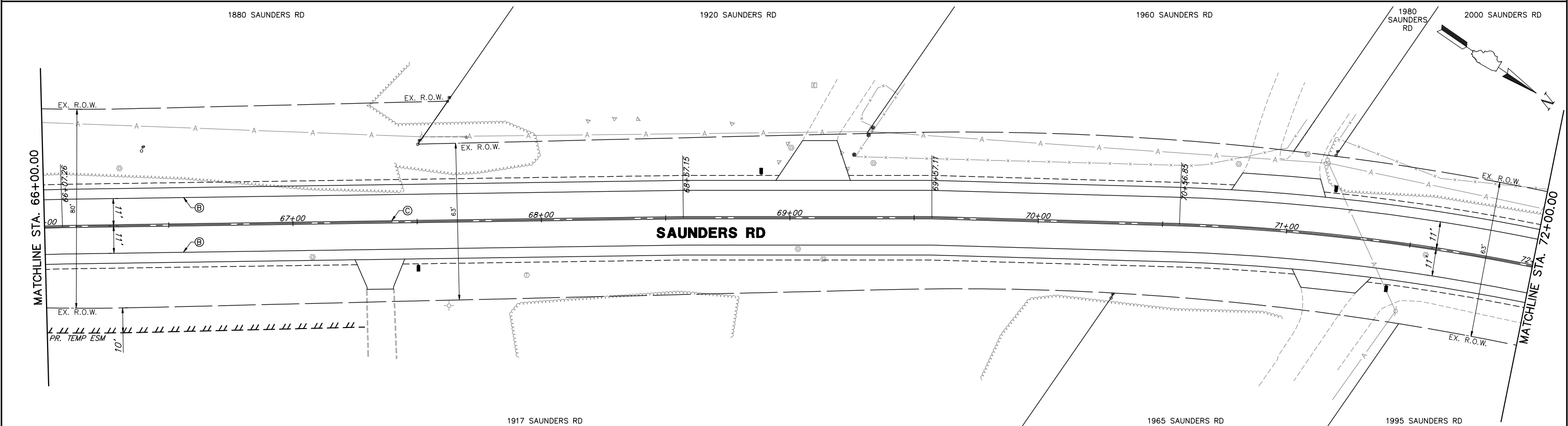
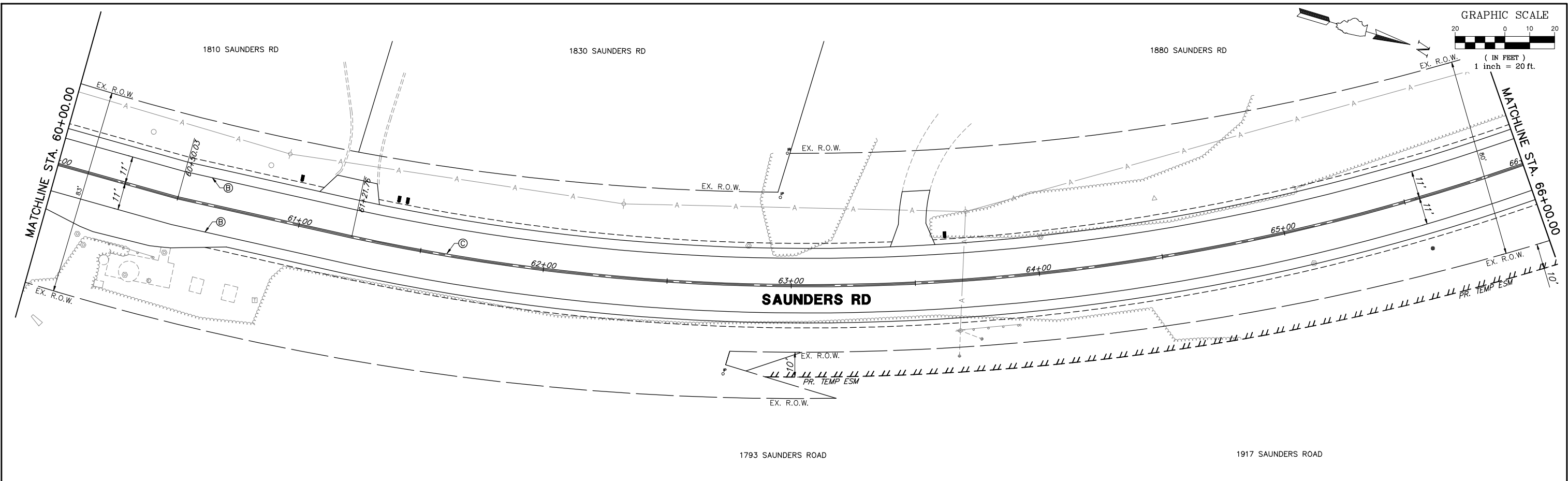
110

59

CONTRACT #

61K96

ILLINOIS FED. AID PROJECT



PAVEMENT MARKING LEGEND

- | | | | |
|-----|---------------------------------------|-----|--------------------------------------|
| (A) | THERMOPLASTIC - LETTERS AND SYMBOLS | (D) | THERMOPLASTIC - LINE 6" SOLID WHITE |
| (B) | THERMOPLASTIC - LINE 4" SOLID WHITE | (E) | THERMOPLASTIC - LINE 24" SOLID WHITE |
| (C) | THERMOPLASTIC - LINE 4" DOUBLE YELLOW | ◆ | TWO-WAY BLUE MARKER |

FILE NAME = 9770.609-PMK.dwg

USER NAME = DOMINIC OLESIAK

DESIGNED - MGFC

REVISED -

DRAWN - PJS

REVISED -

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

PLOT SCALE = 1" = .0833'

PLOT DATE = 12/20/2024 11:36 AM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLANS
SAUNDERS ROAD

SCALE 1"=20'

SHEET NO. 6 OF 7 SHEETS

STA. 60+00

TO STA. 72+00

FAU
RTE.

2416

SECTION

21-00020-00-RS

COUNTY

LAKE

TOTAL
SHEETS

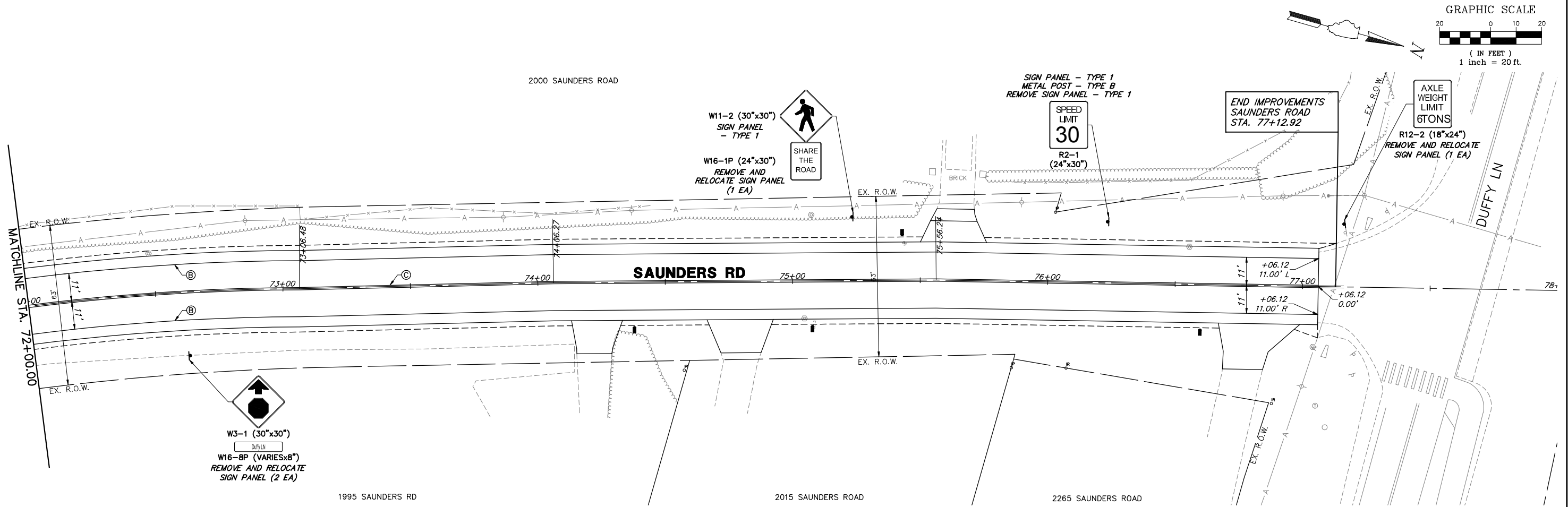
110

SHEET
NO.

60

CONTRACT # 61K96

ILLINOIS FED. AID PROJECT



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC - LETTERS AND SYMBOLS
(B) THERMOPLASTIC - LINE 4" SOLID WHITE
(C) THERMOPLASTIC - LINE 4" DOUBLE YELLOW
(D) THERMOPLASTIC - LINE 6" SOLID WHITE
(E) THERMOPLASTIC - LINE 24" SOLID WHITE
TWO-WAY BLUE MARKER

FILE NAME = 9770.609-PMK.dwg

USER NAME = DOMINIC OLESIAK

DESIGNED - MGFC

REVISED -

DRAWN - PJS

REVISED -

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLANS
SAUNDERS ROAD

SCALE 1"=20'

SHEET NO. 7 OF 7 SHEETS

STA. 72+00

TO STA. 78+00

FAU
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

2416

21-00020-00-RS

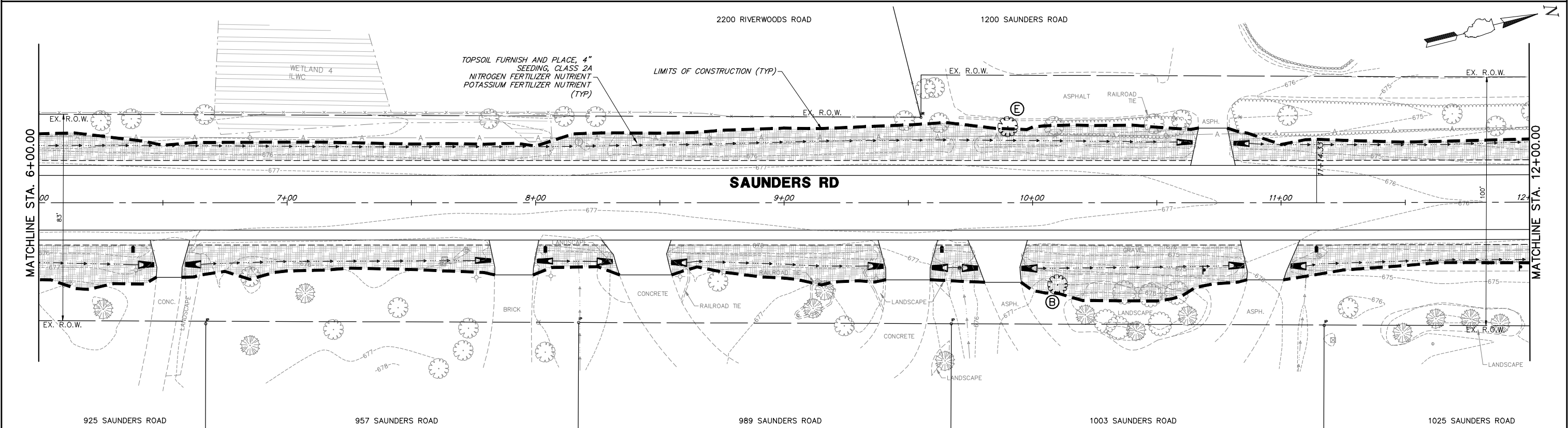
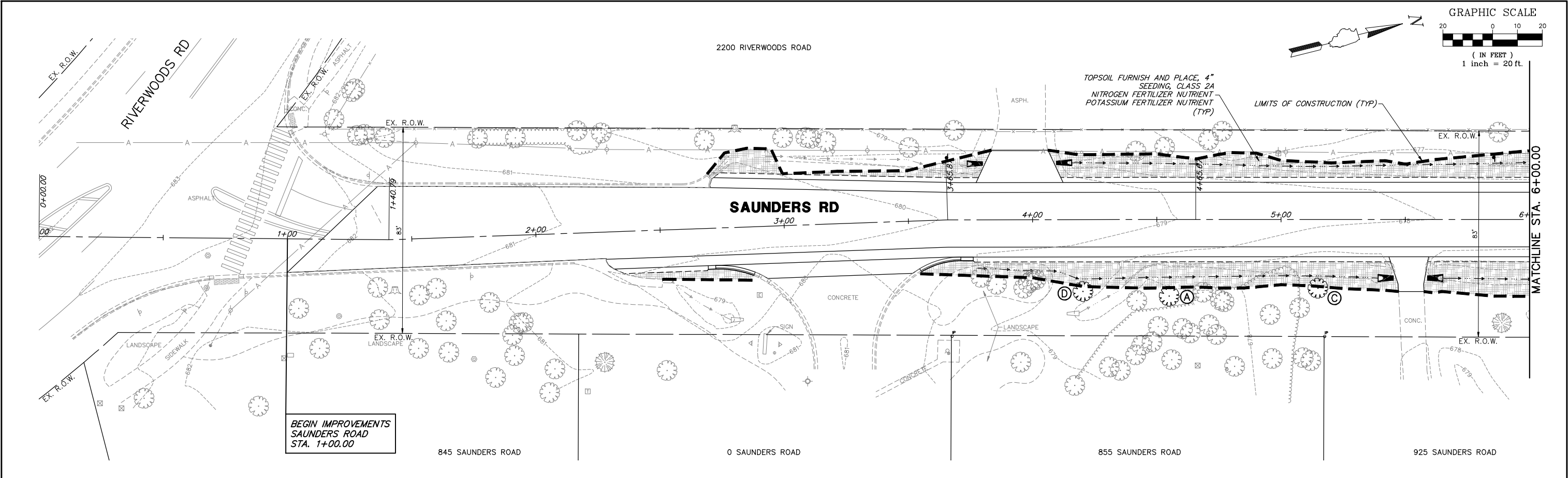
LAKE

110

61

CONTRACT # 61K96

ILLINOIS FED. AID PROJECT



LANDSCAPE LEGEND

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

TREE SPECIES LEGEND

- (A) TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
- (B) TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
- (C) TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
- (D) TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED

- (E) TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED
- (F) EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED
- (G) EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED

FILE NAME = 9770.609-LAND.dwg

USER NAME = DOMINIC OLESAK

PLOT SCALE = 1" = .0833'

PLOT DATE = 12/20/2024 11:37 AM

DESIGNED - MGFC

DRAWN - PJS

CHECKED - MGFC

DATE - 12.23.2024

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLANS
SAUNDERS ROAD

SCALE AS NOTED SHEET NO. 1 OF 7 SHEETS STA. 0+00.00 TO STA. 12+00.00

FAU RTE

2416

SECTION

21-00020-00-RS

COUNTY

LAKE

TOTAL SHEETS

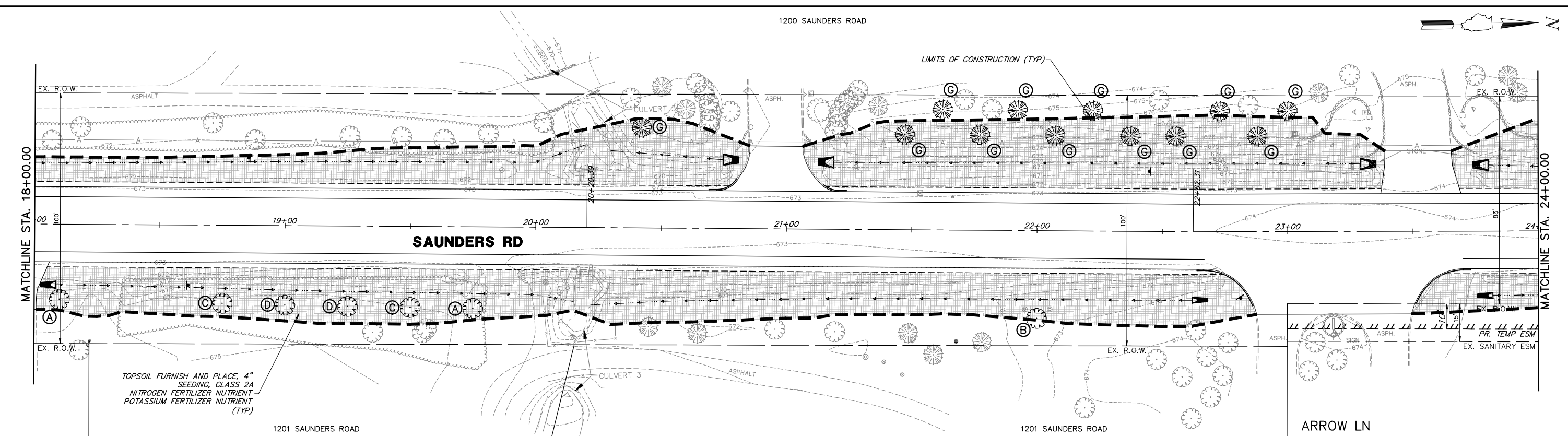
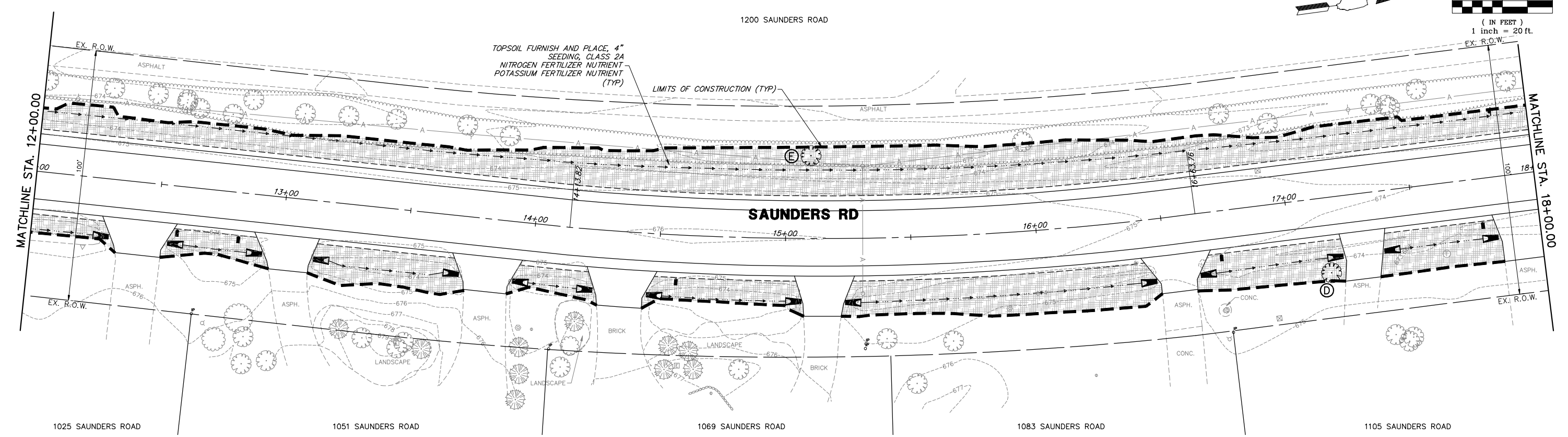
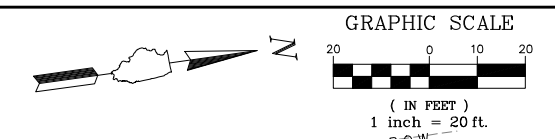
110

SHEET NO.

62

CONTRACT # 61K96

ILLINOIS FED. AID PROJECT



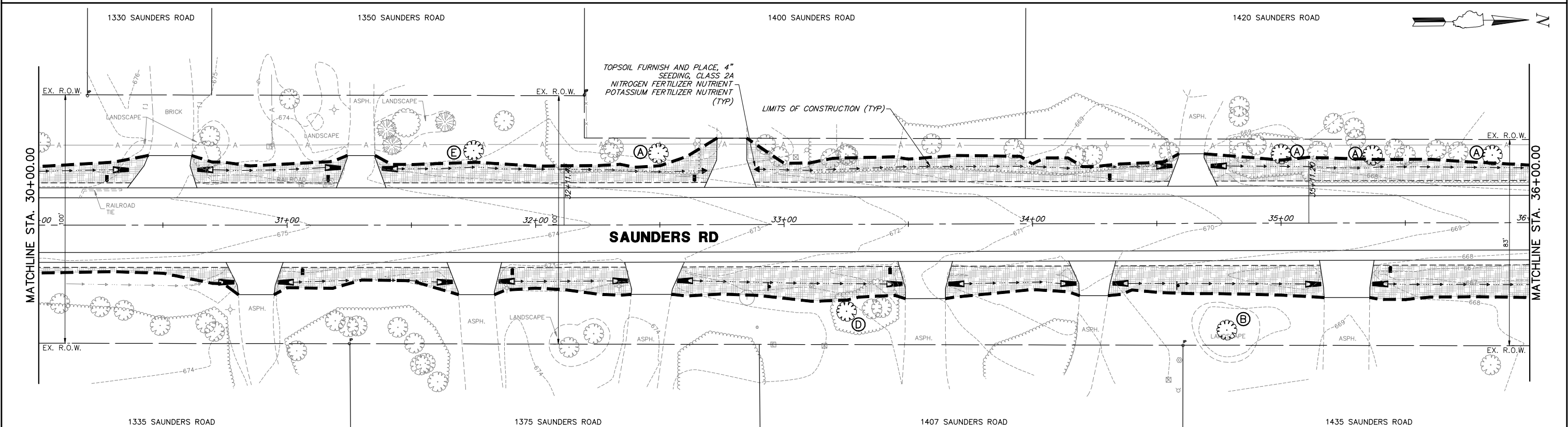
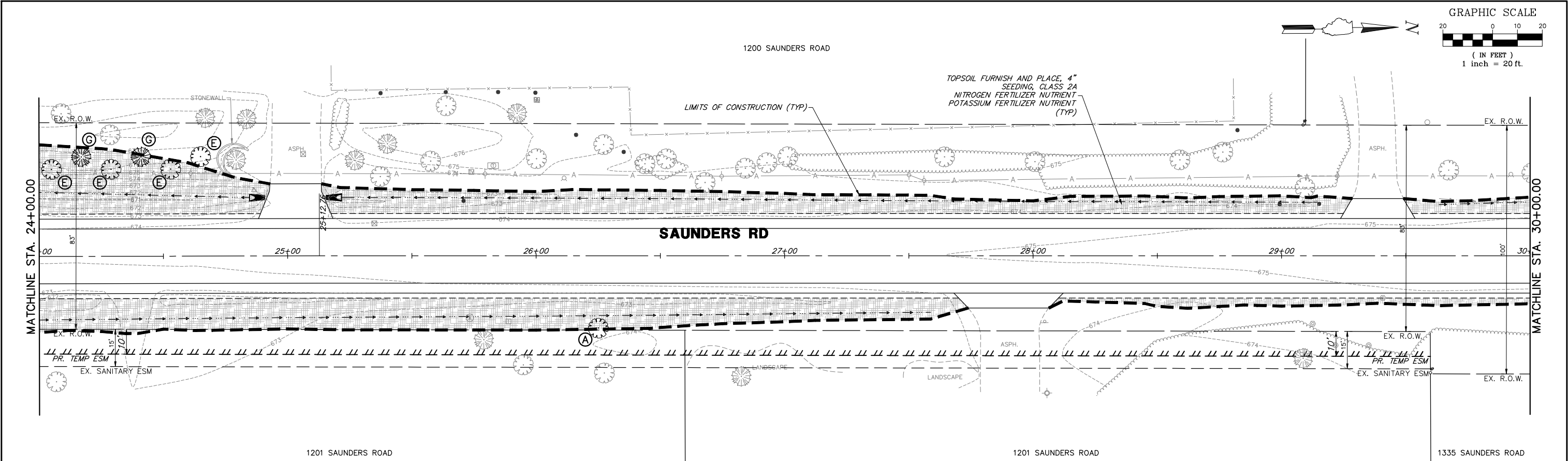
LANDSCAPE LEGEND

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

TREE SPECIES LEGEND

- (A) TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
- (B) TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
- (C) TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
- (D) TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED

- (E) TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED
- (F) EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED
- (G) EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED



LANDSCAPE LEGEND

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

TREE SPECIES LEGEND

- (A) TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
(B) TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
(C) TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
(D) TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED

- (E) TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED
(F) EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED
(G) EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED

FILE NAME = 9770.609-LAND.dwg

USER NAME = DOMINIC OLESAK

PLOT SCALE = 1" = .0833'

PLOT DATE = 12/20/2024 11:38 AM

DESIGNED - MGFC

DRAWN - PJS

CHECKED - MGFC

DATE - 12.23.2024

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLANS
SAUNDERS ROAD**

SCALE AS NOTED SHEET NO. 3 OF 7 SHEETS STA. 24+00.00 TO STA. 36+00.00

FAU
RTE

2416

SECTION

21-00020-00-RS

COUNTY

LAKE

TOTAL
SHEETS

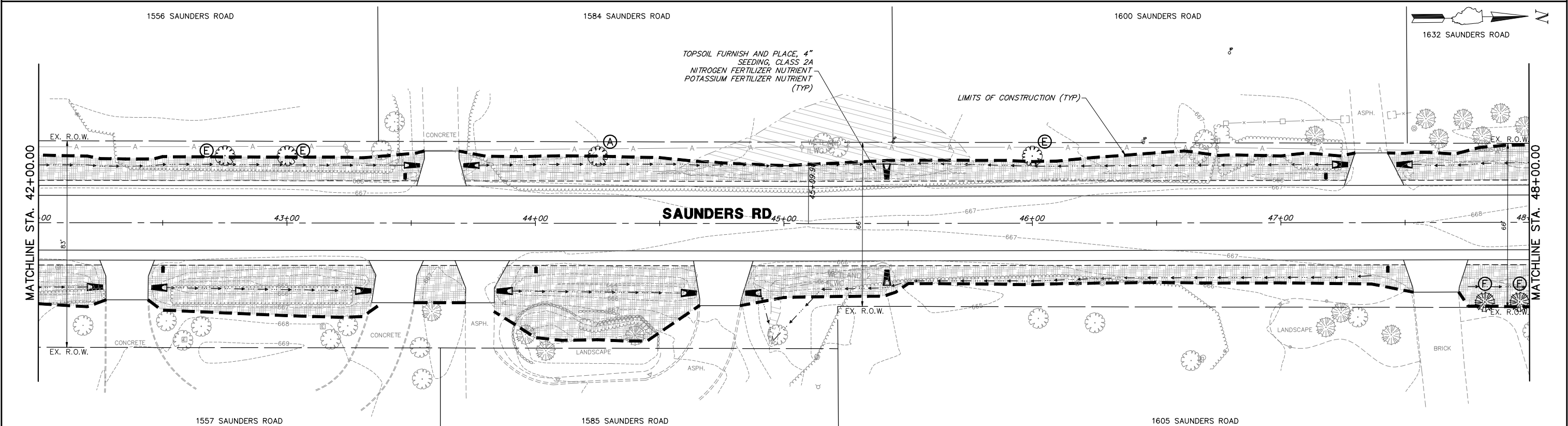
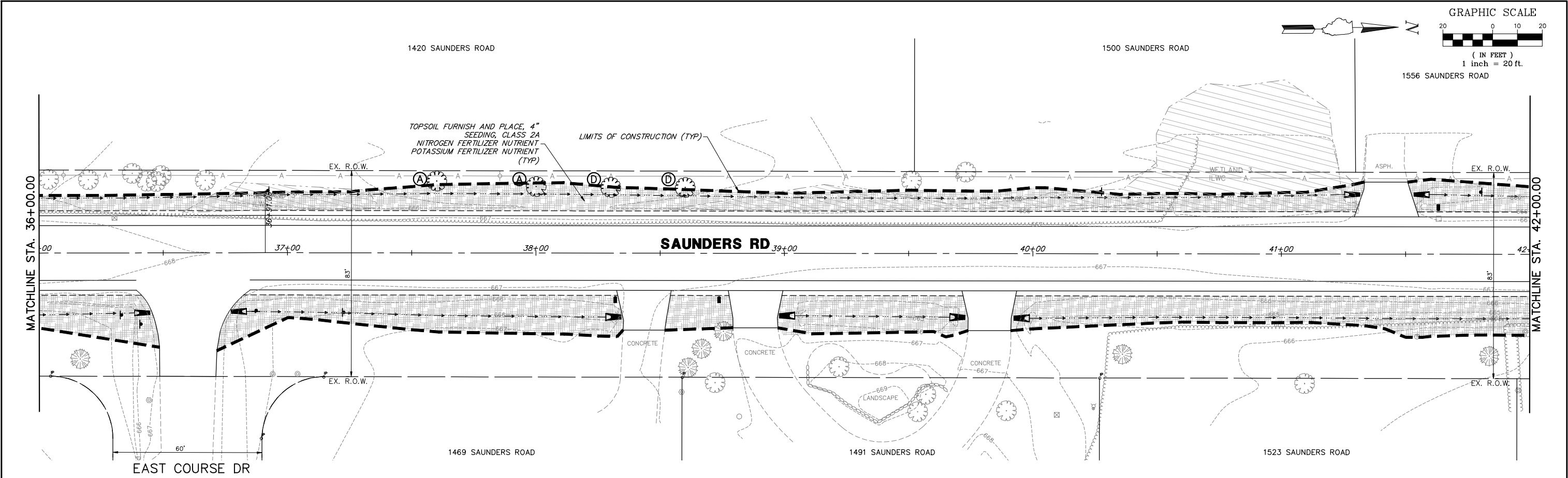
110

SHEET
NO.

64

CONTRACT # 61K96

ILLINOIS FED. AID PROJECT



LANDSCAPE LEGEND

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

TREE SPECIES LEGEND

- (A) TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
- (B) TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
- (C) TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
- (D) TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED

- (E) TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED
- (F) EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED
- (G) EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED

FILE NAME = 9770.609-LAND.dwg

USER NAME = DOMINIC OLESAK

PLOT SCALE = 1" = .0833'

PLOT DATE = 12/20/2024 11:38 AM

DESIGNED - MGFC

DRAWN - PJS

CHECKED - MGFC

DATE - 12.23.2024

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLANS
SAUNDERS ROAD

SCALE AS NOTED SHEET NO. 4 OF 7 SHEETS STA. 36+00.00 TO STA. 48+00.00

FAU
RTE

2416

SECTION

21-00020-00-RS

COUNTY

LAKE

TOTAL
SHEETS

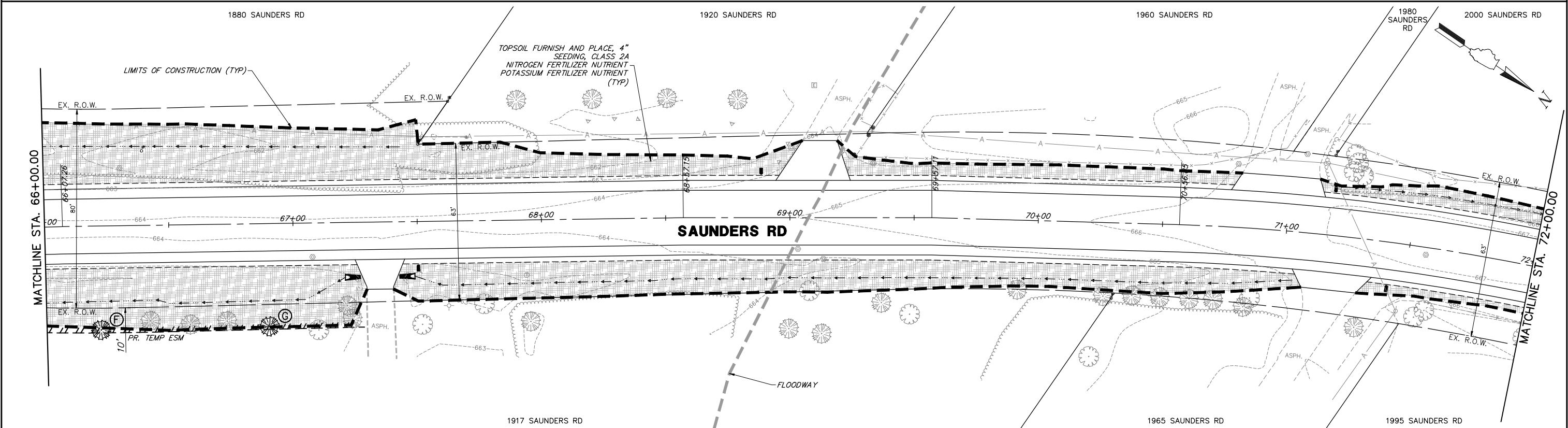
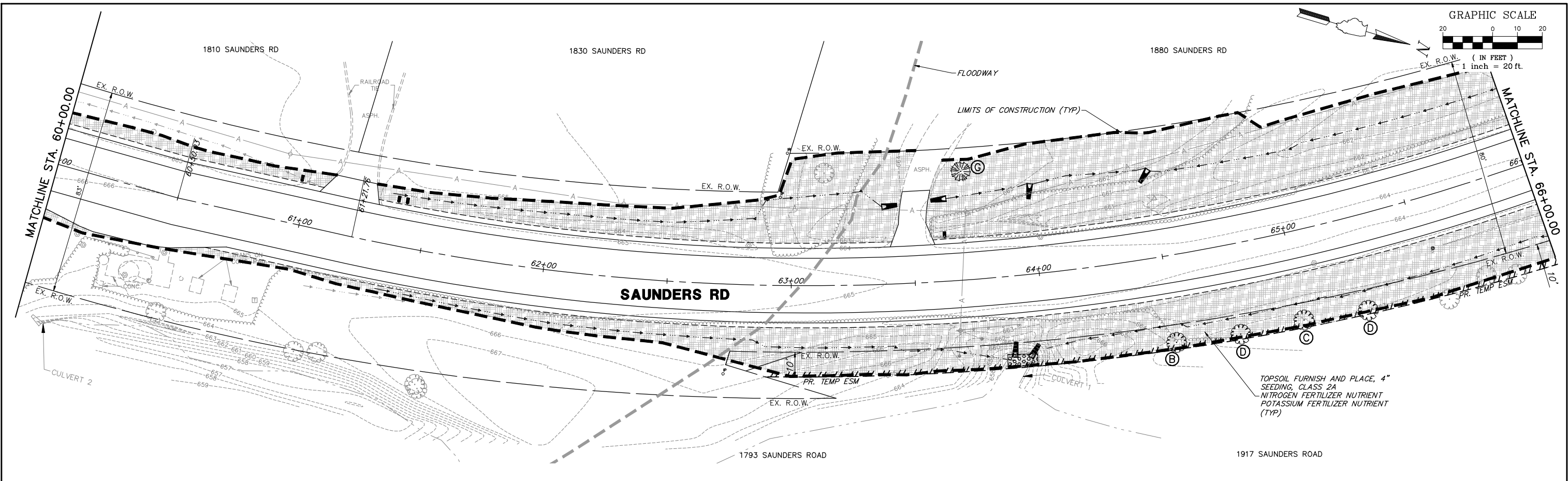
110

SHEET
NO.

65

CONTRACT # 61K96

ILLINOIS FED. AID PROJECT



LANDSCAPE LEGEND

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

TREE SPECIES LEGEND

- (A) TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
(B) TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
(C) TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
(D) TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED

- (E) TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED
(F) EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED
(G) EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED

FILE NAME = 9770.609-LAND.dwg

USER NAME = DOMINIC OLESAK

PLOT SCALE = 1" = .0833'

PLOT DATE = 12/20/2024 11:39 AM

DESIGNED - MGFC

DRAWN - PJS

CHECKED - MGFC

DATE - 12.23.2024

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLANS
SAUNDERS ROAD

SCALE AS NOTED

SHEET NO. 6 OF 7 SHEETS

STA. 60+00.00 TO STA. 72+00.00

FAU
RTE.

2416

SECTION

21-00020-00-RS

COUNTY

LAKE

TOTAL
SHEETS

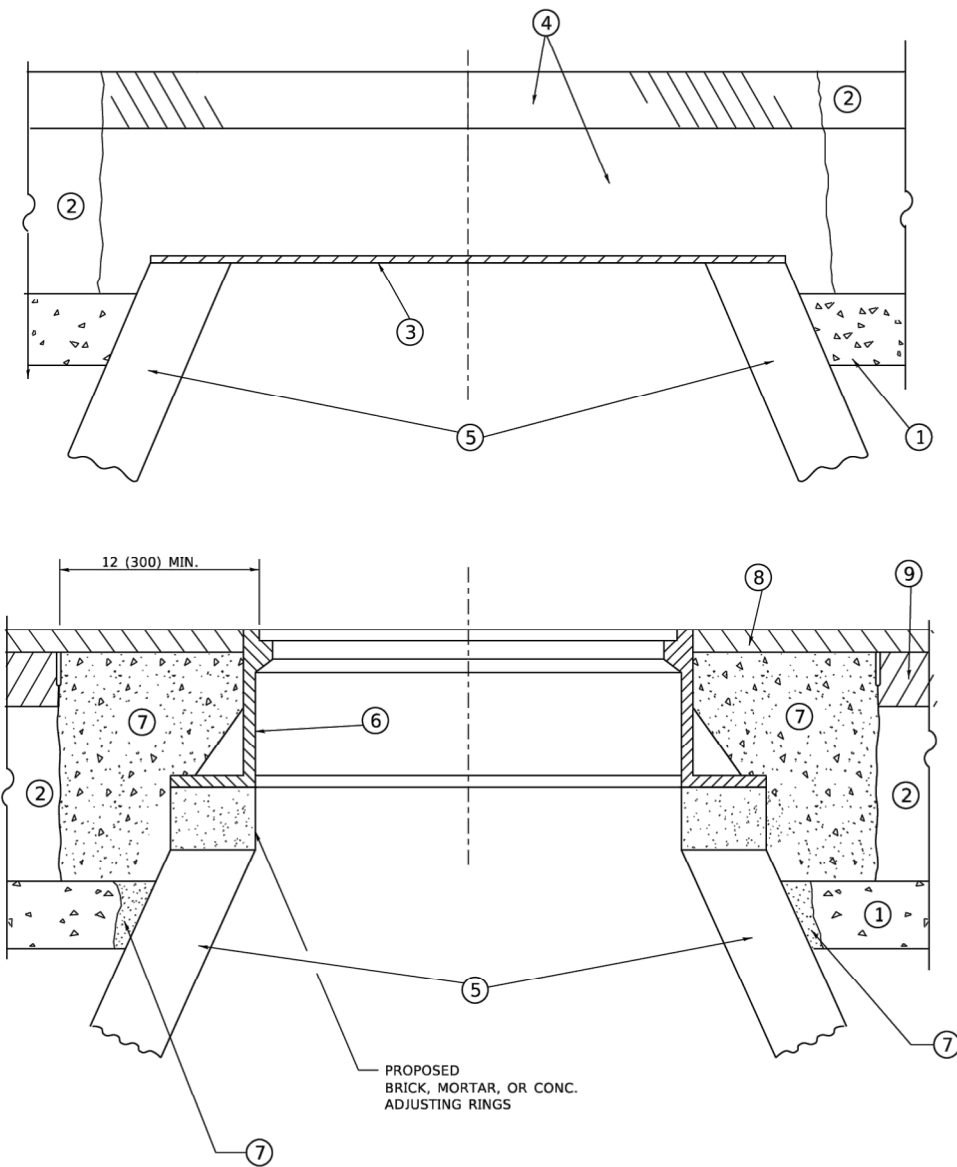
110

SHEET
NO.

67

CONTRACT # 61K96

ILLINOIS FED. AID PROJECT



DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING

NOTES

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

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Default
FILE NAME: 9770.609-DT.dwg

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

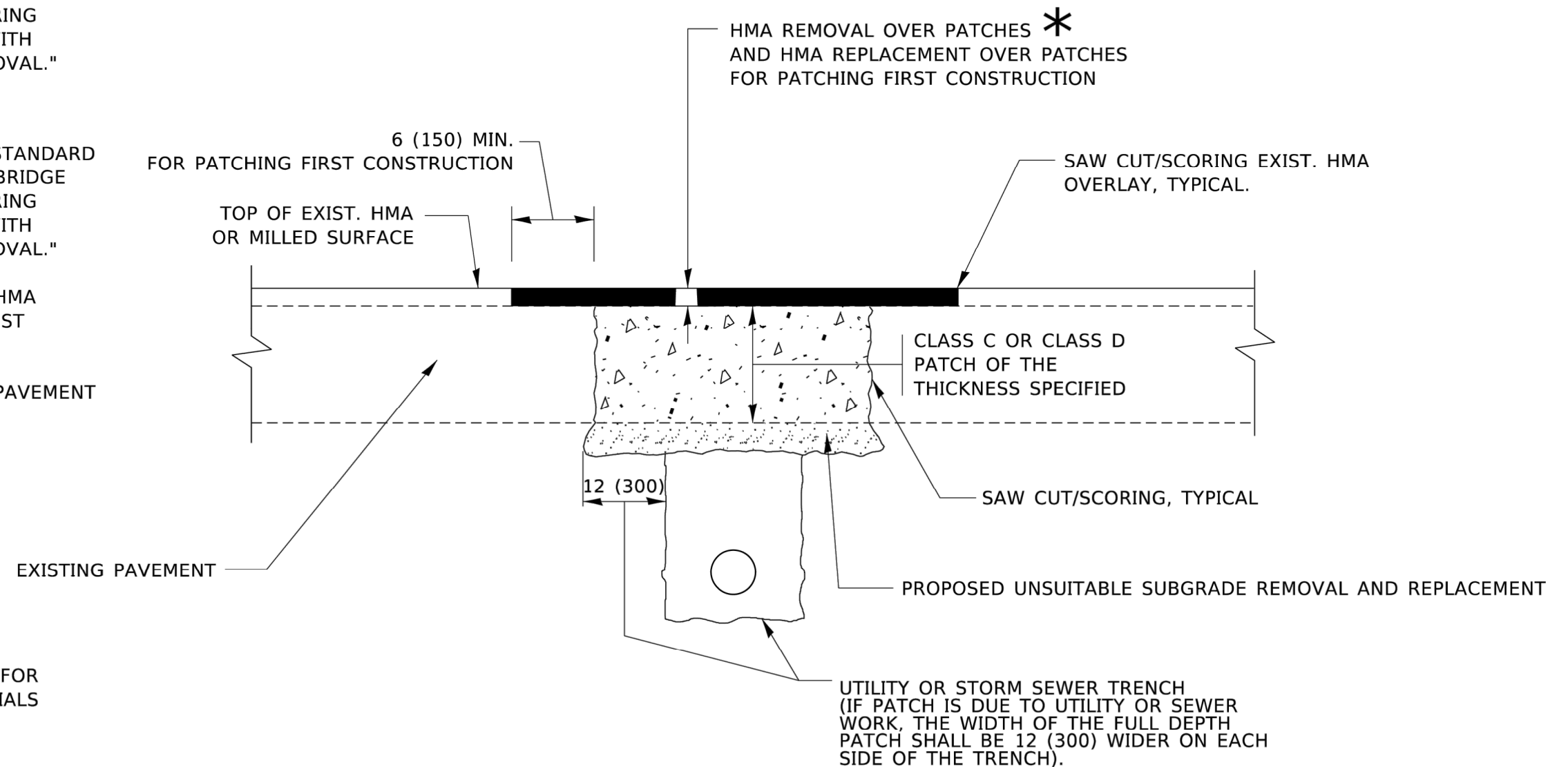
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2416	21-00020-00-RS	LAKE	110	69
BD600-03 (BD-08)		CONTRACT NO. 61K96		
ILLINOIS		FED. AID PROJECT		

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)

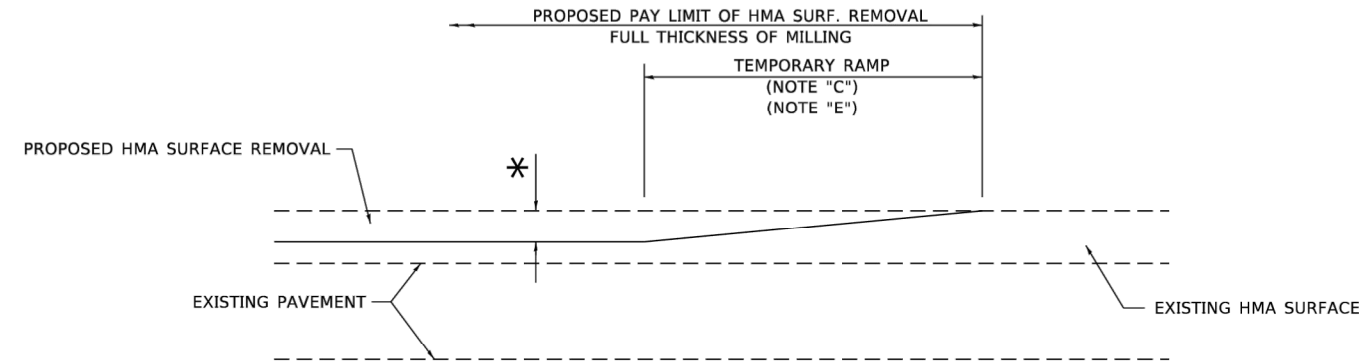
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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.

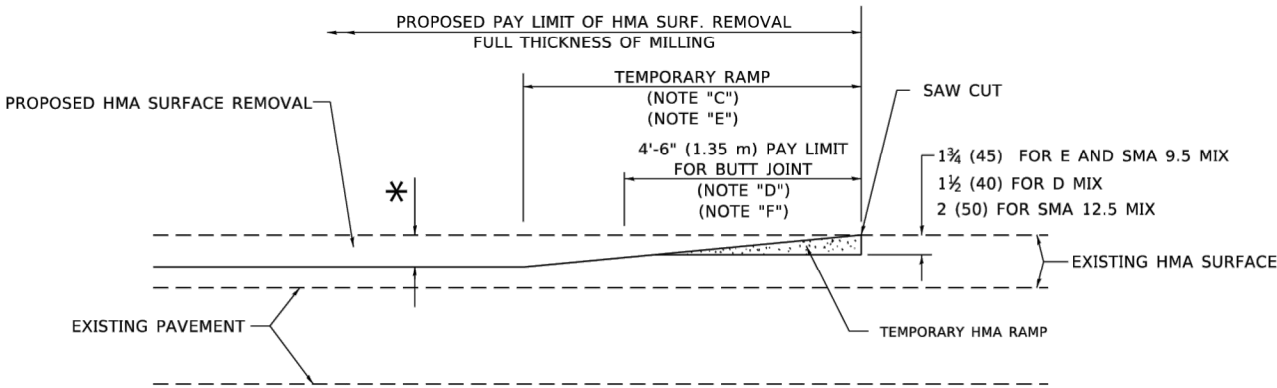
FILE NAME = 9770.609-DT.dwg	USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 09-04-07		2416	21-00020-00-RS	LAKE	110	70				
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. ENG 10-27-08		BD400-04 (BD-22)								
	PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 61K96				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

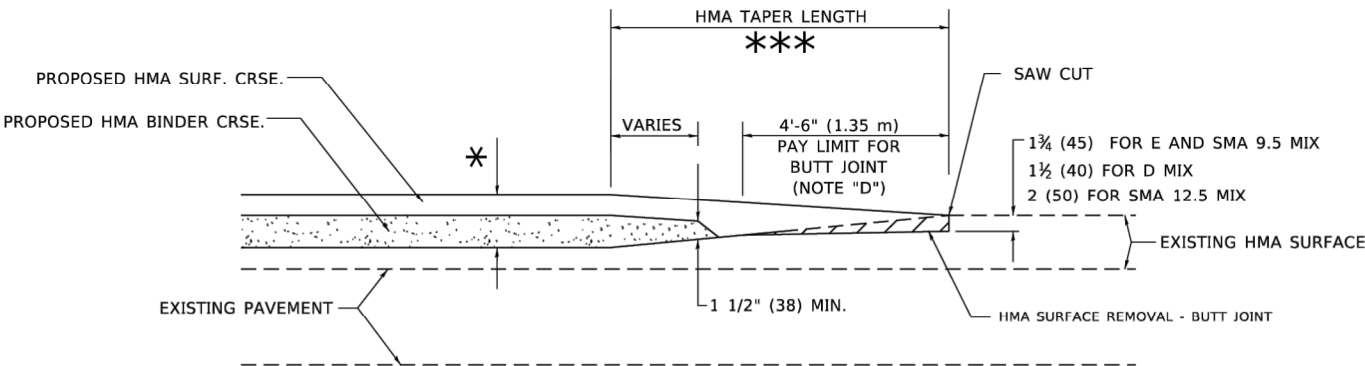


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

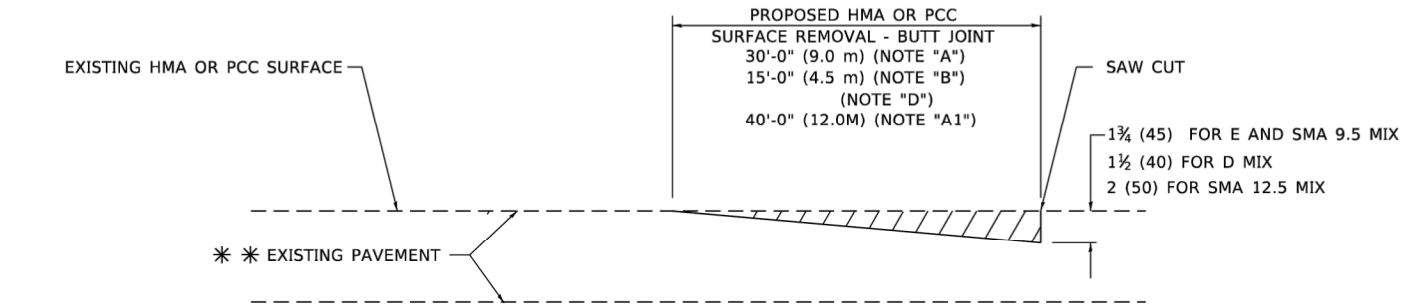
OPTION 2

TYPICAL TEMPORARY RAMP

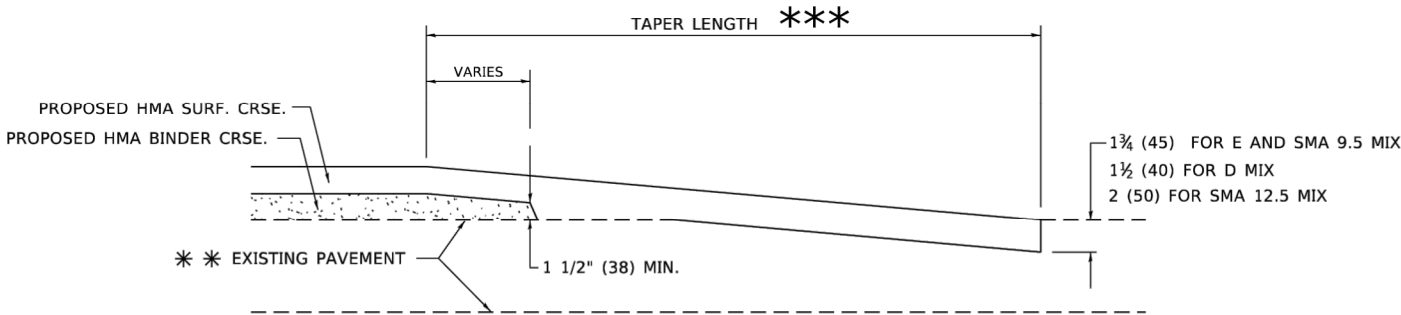


**BUTT JOINT AND
HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING**



BUTT JOINT DETAIL



HMA TAPER DETAIL

**TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY**

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

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

BASIS OF PAYMENT

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

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

MODEL - Default
FILE - h:\pav\ludet-aw-bentley.com-pw\DOT\Documents\DOT - Offices\District 1\Projects\Dist1\422123\ACADD\Detail\CD-shr\sheet1b32.dgn
FILE NAME = 9770.609-DT.dwg

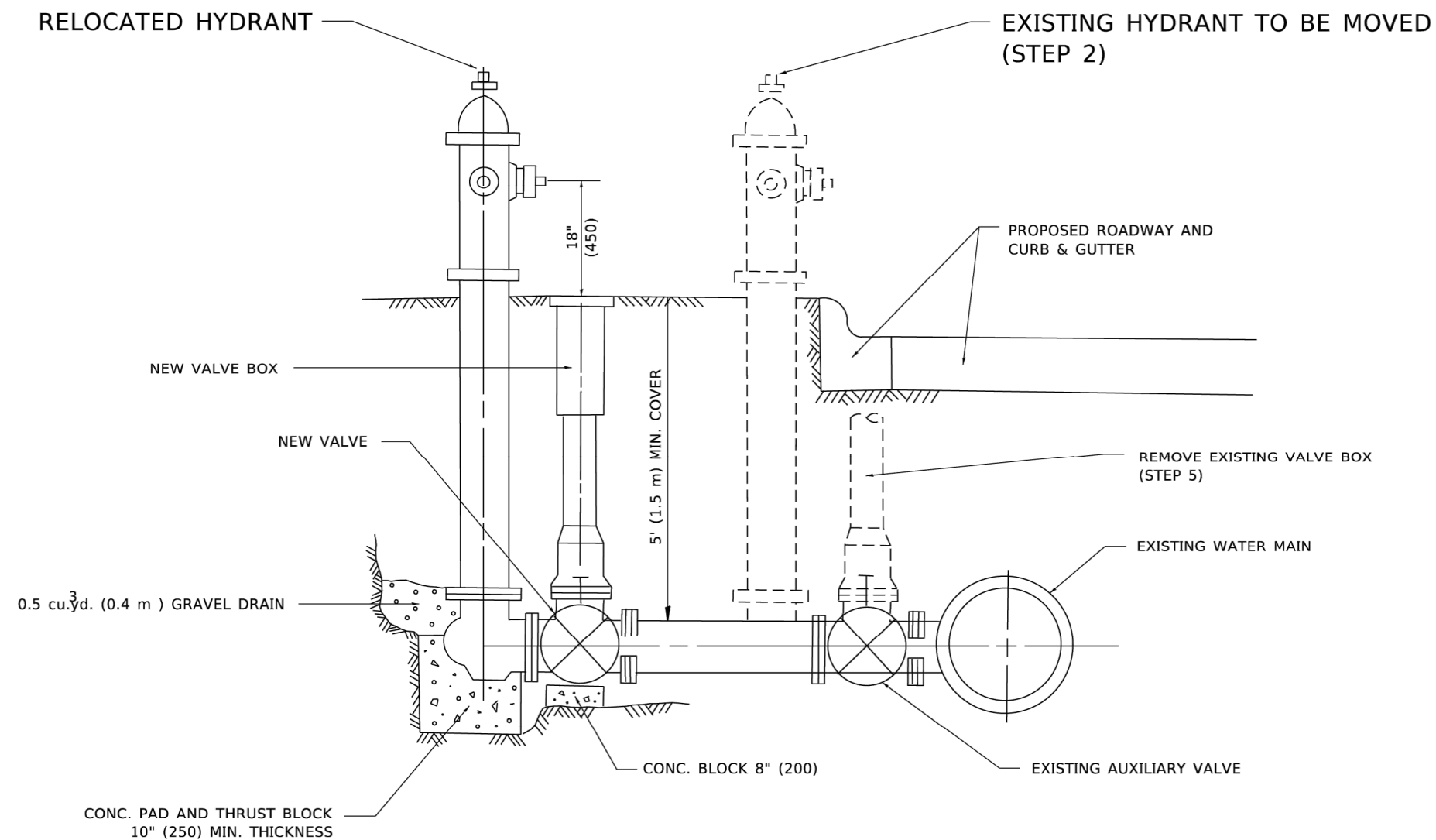
USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2416	21-00020-00-RS	LAKE	110	71
BD400-05 BD-32		CONTRACT NO. 61K96		
ILLINOIS		FED. AID PROJECT		



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

NOTE:

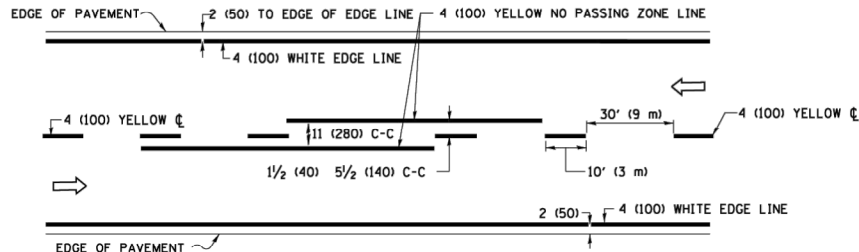
ALL WORK TO BE DONE IN ACCORDANCE WITH SECTION 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

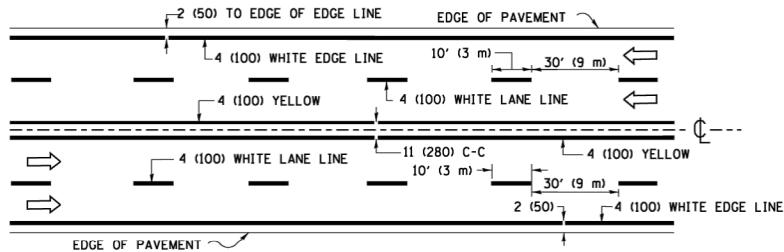
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default
FILE: N:\p1\11182022\11182022.dwg
FILE NAME = 9770.609-DT.dwg

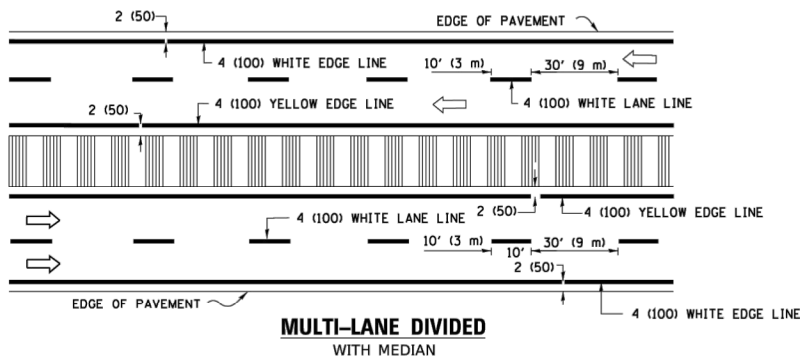
FILE NAME = 9770.609-DT.dwg	USER NAME = Lawrence.DeManche	DESIGNED -	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIRE HYDRANT TO BE MOVED			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 10-25-94					2416	21-00020-00-RS	LAKE	110	72
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22					BD-36		CONTRACT NO. 61K96		
	PLOT DATE = 11/18/2022	DATE -	REVISED -		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



2-LANE ROADWAY

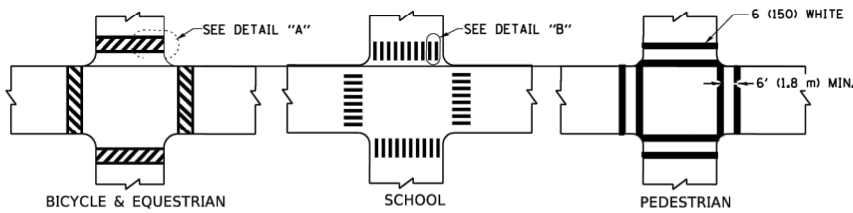


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

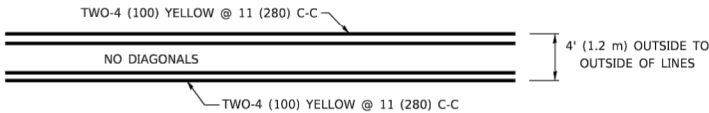


DETAIL "A"

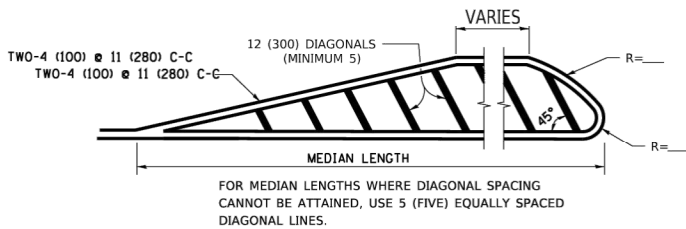
DETAIL "B"

TYPICAL CROSSWALK MARKING

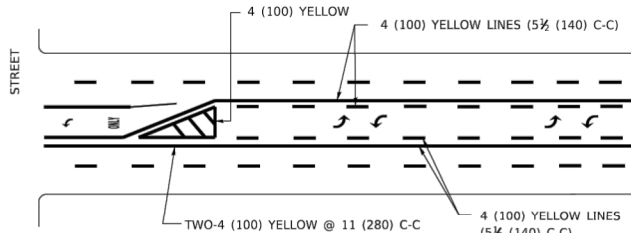
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

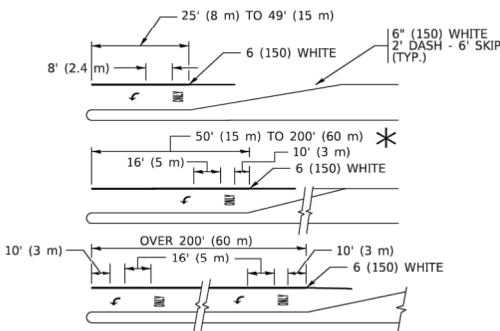


MEDIANS OVER 4' (1.2 m) WIDE



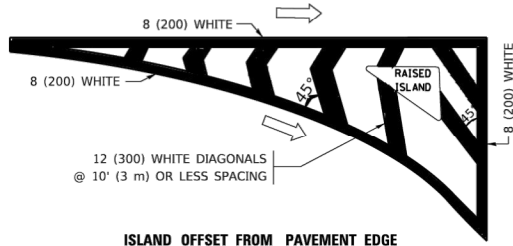
MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

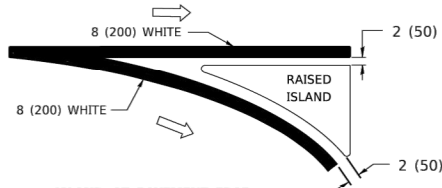


TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

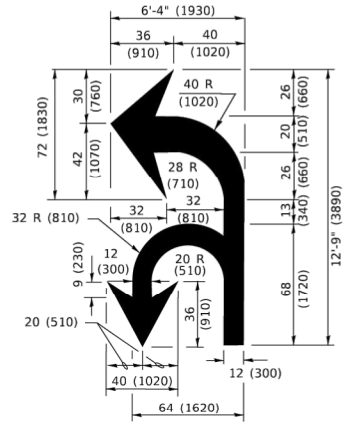


ISLAND OFFSET FROM PAVEMENT EDGE

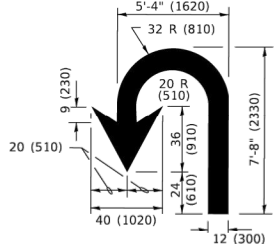


ISLAND AT PAVEMENT EDGE

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.

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. LONGTUDINAL BARS (SCHOOL)	2 @ 6 (150) 2 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 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' (23 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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

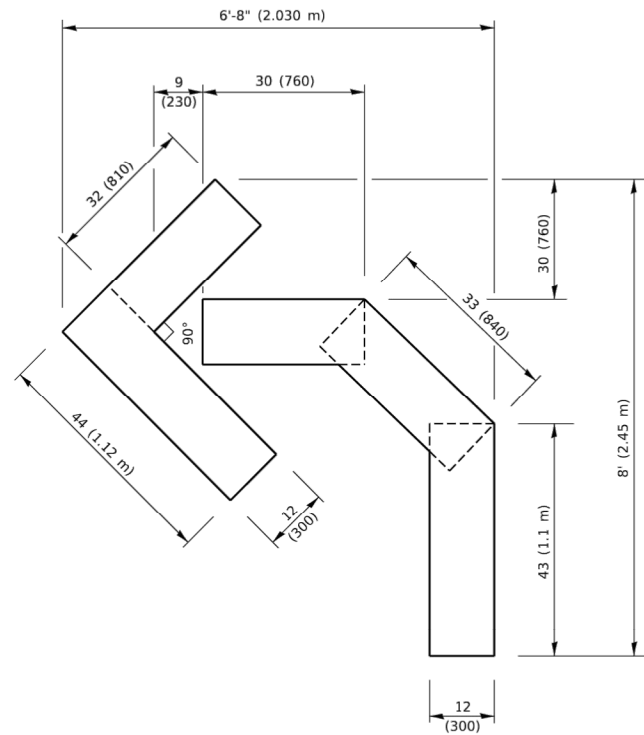
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2416	21-00020-00-RS	LAKE	110	74
TC-13		CONTRACT NO. 61K96		

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

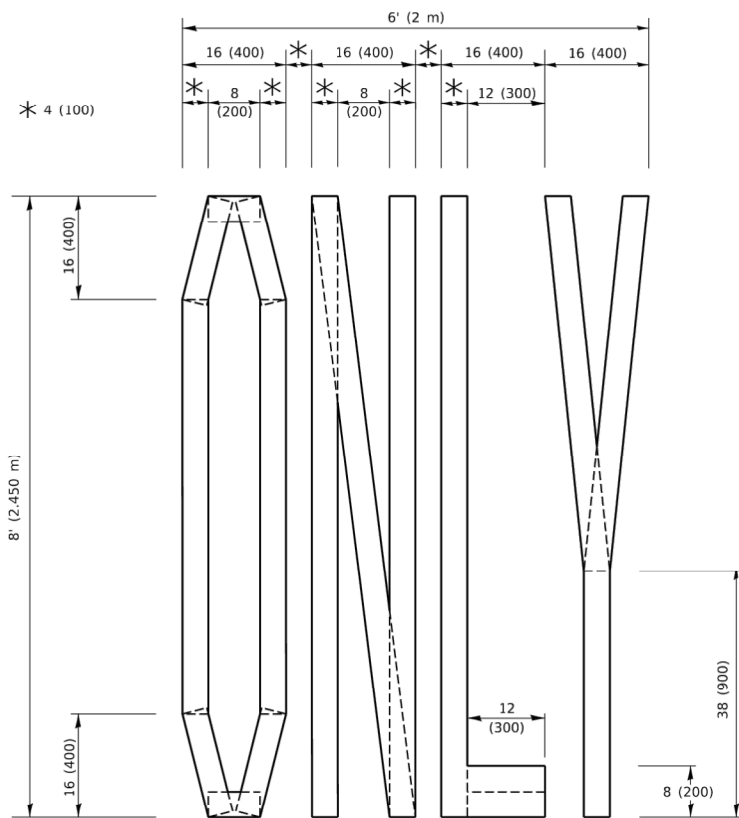
ILLINOIS FED. AID PROJECT

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



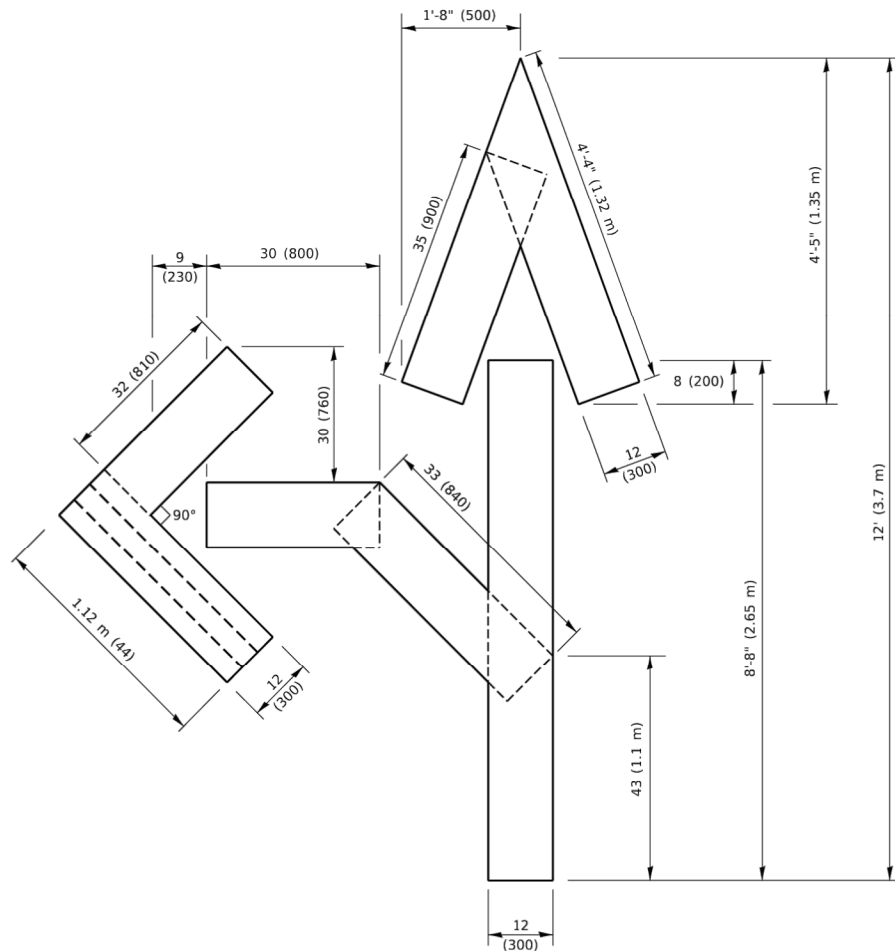
QUANTITY

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)

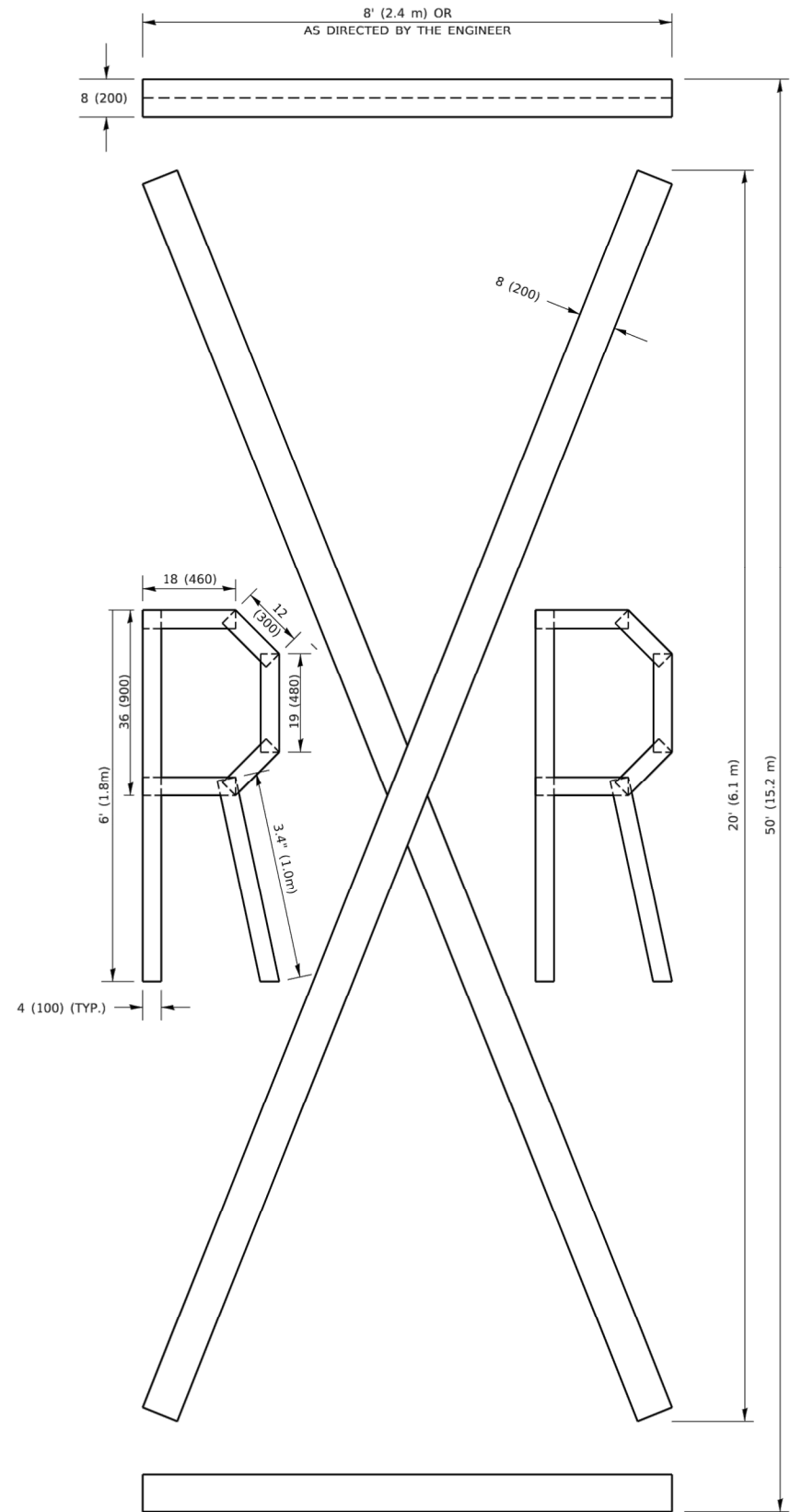


QUANTITY

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
FILE NAME: p:\u00084EBD\NTEG Illinois.gov\PHWDOT\Documents\DOT Office\District 1\Project\DUHS42234\CADData\CADsheets\16.dgn
FILE NAME = 9770.609-DT.dwg

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2416	21-00020-00-RS	LAKE	110	75
TC-16		CONTRACT NO. 61K96		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: p:\u00484EBD\NTEG. Illinois.gov-PWIDOT\Documents\DOT_Offices\District 1\Project\DUHS42234\CADData\CADsheet\c22.dgn
FILE NAME = 9770.609-DT.dwg

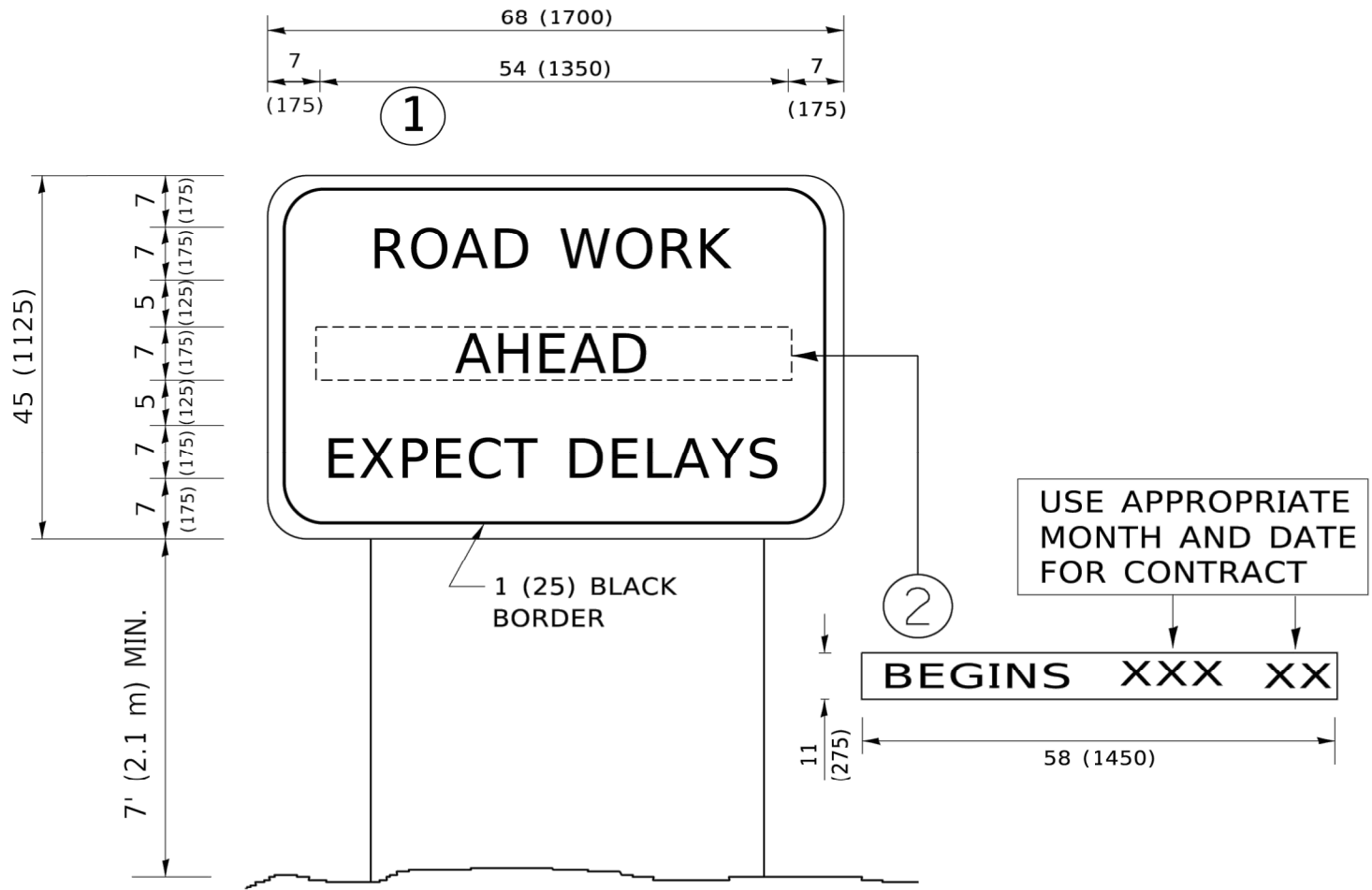
USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

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

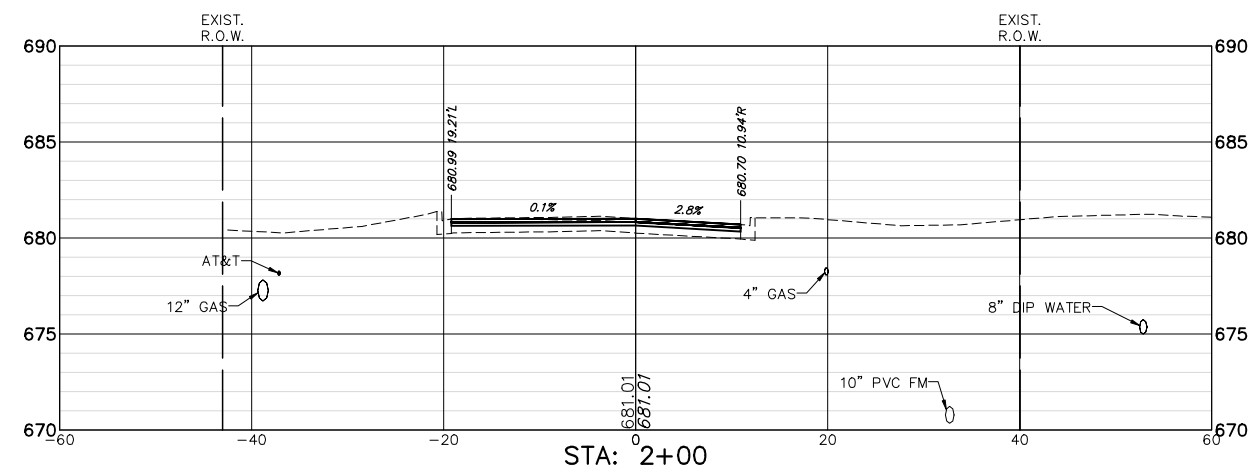
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2416	21-00020-00-RS	LAKE	110	76
TC-22		CONTRACT NO. 61K96		
		ILLINOIS FED. AID PROJECT		



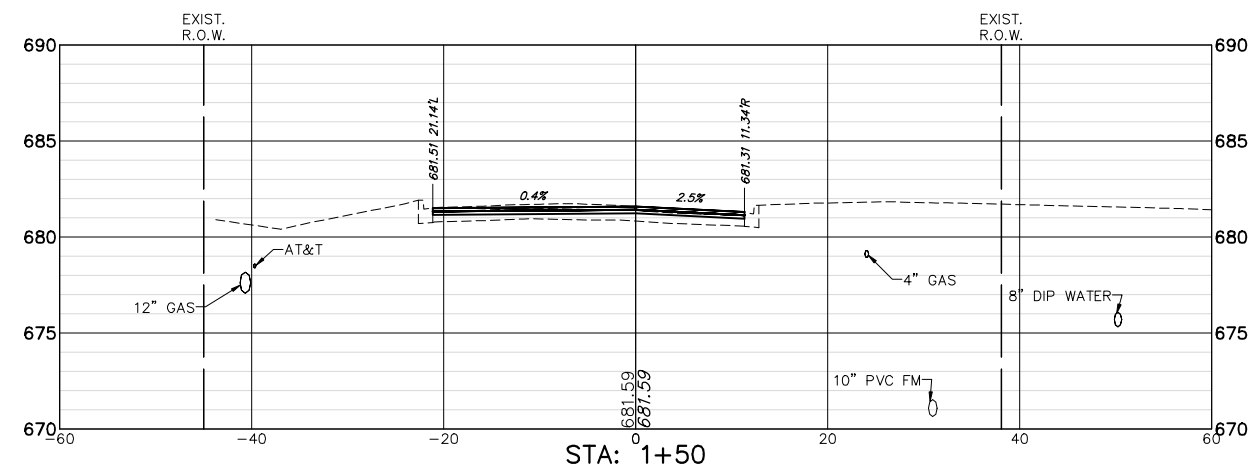
NOTES:

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 SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON 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.

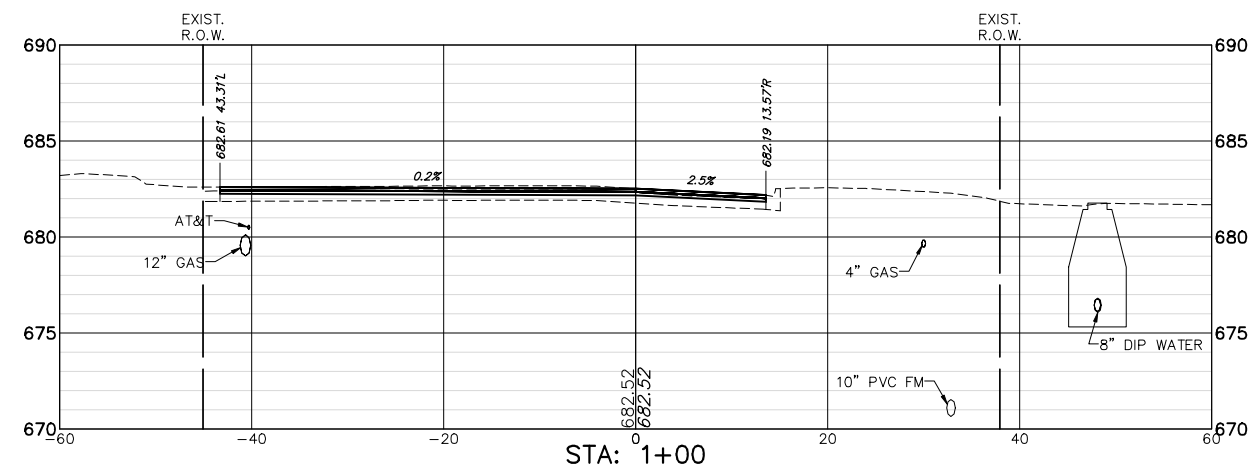
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.



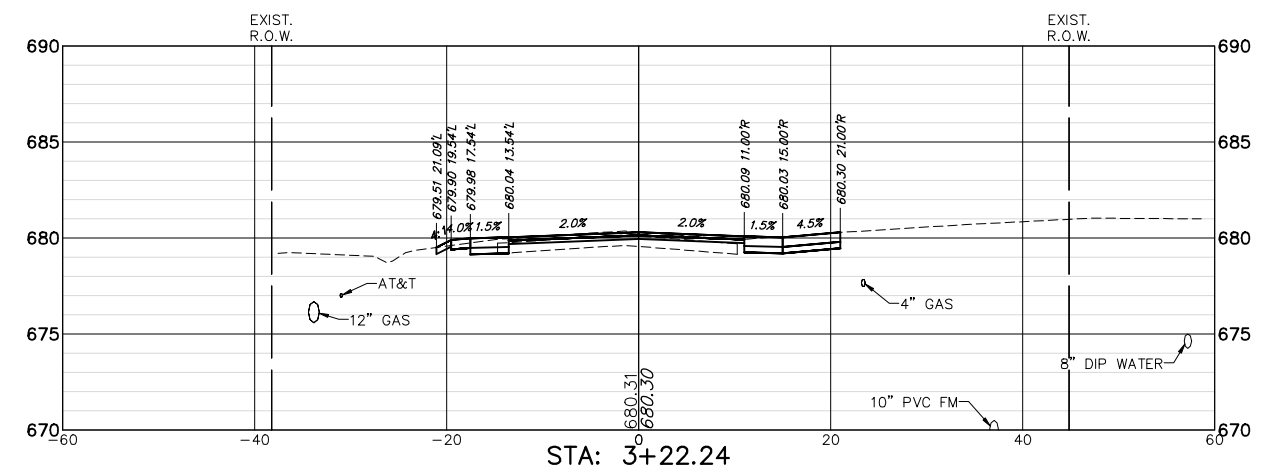
CUT: 0.00 SF
FILL: 0.00 SF



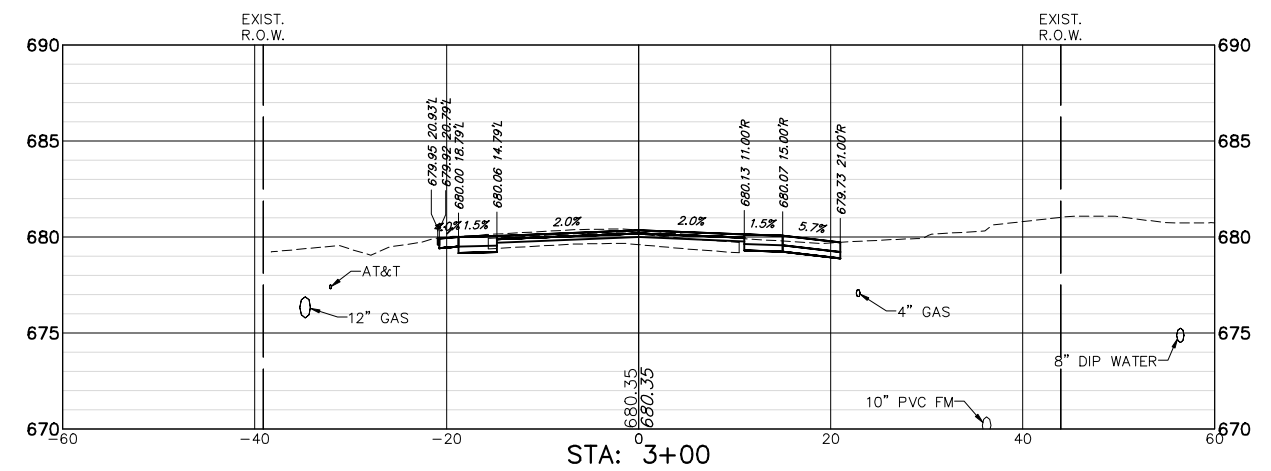
CUT: 0.00 SF
FILL: 0.00 SF



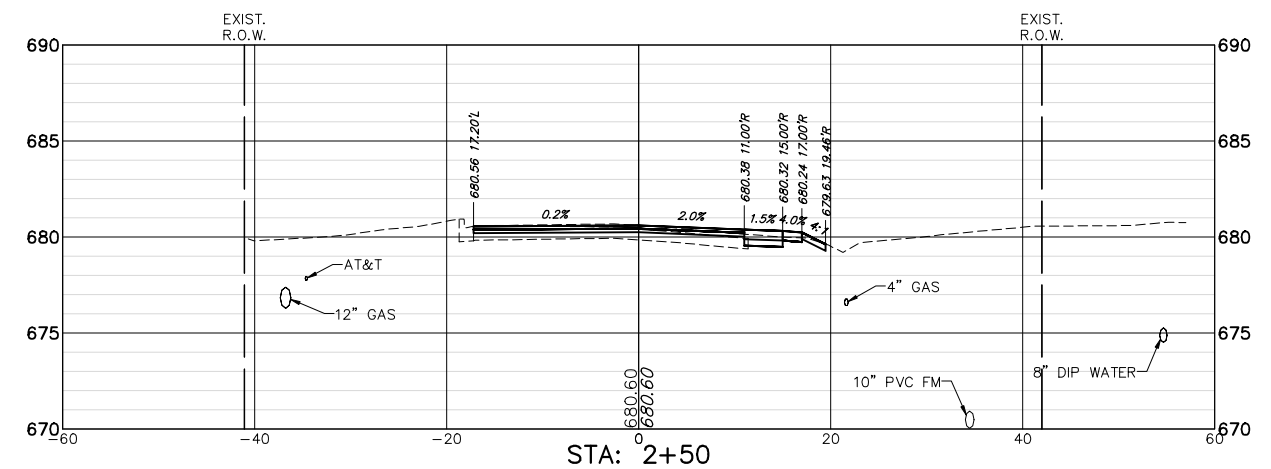
CUT: 0.00 SP
FILL: 0.00 SP



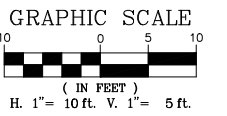
CUT: 11.26 SF
FILL: 0.01 SF



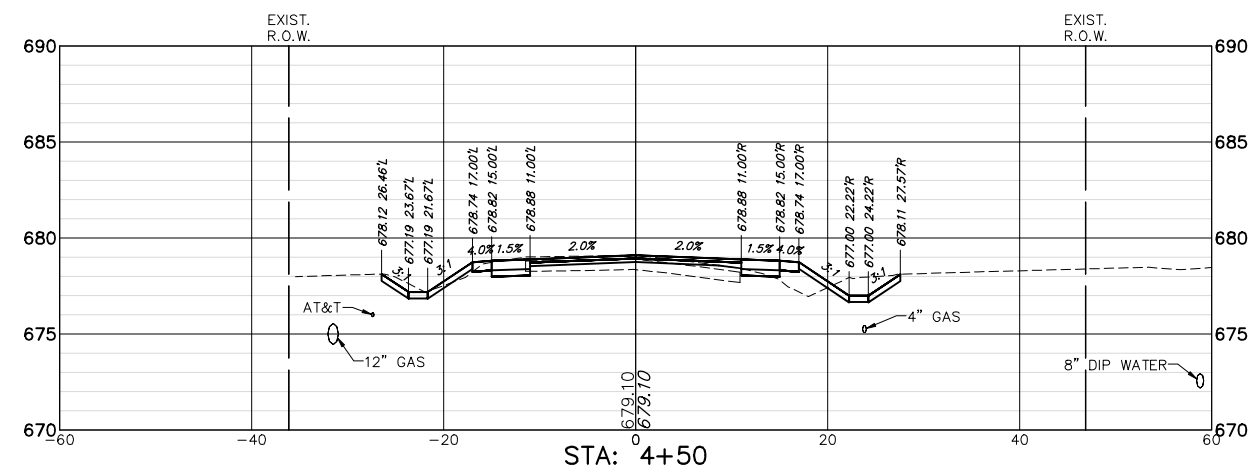
CUT: 10.16 SF
FILL: 0.03 SF



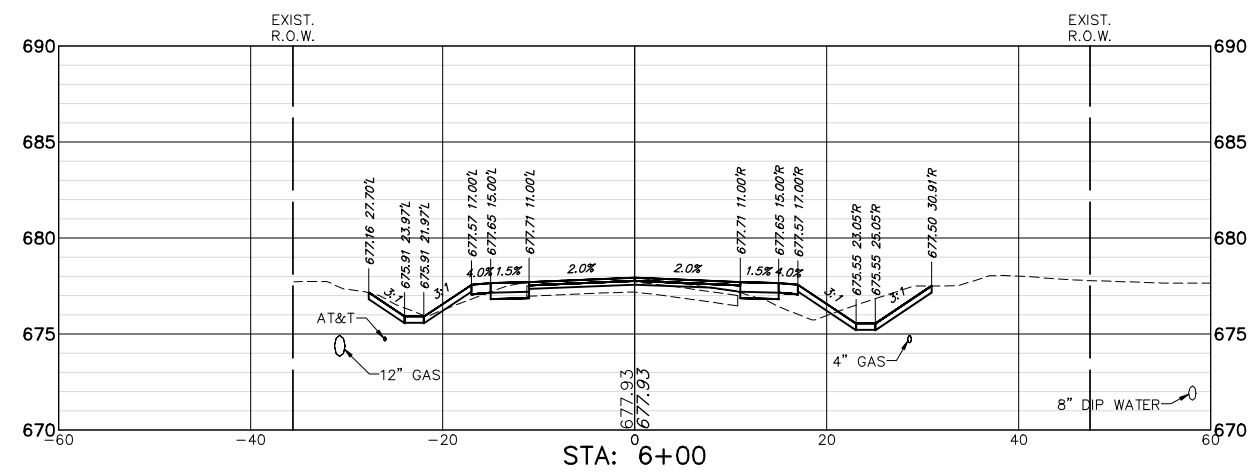
CUT: 2.98 SF
FILL: 0.00 SF



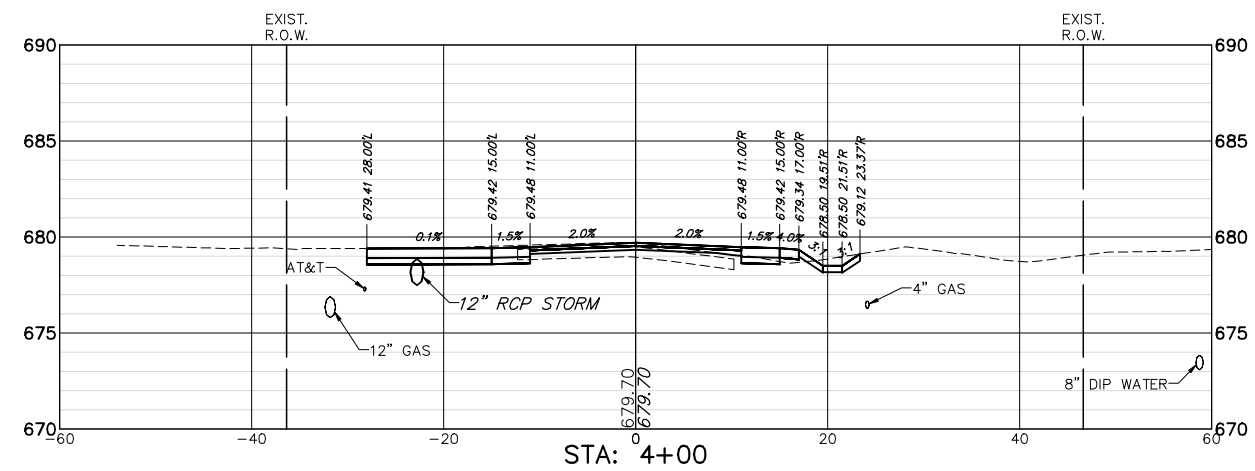
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD				FAU. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -						2416	21-00020-00-RS	LAKE	110	77
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -		CONTRACT #:					61K96			
	PLOT DATE = 12/20/2024 11:41 AM	DATE - 12.23.2024	REVISED -		SCALE AS NOTED	SHEET NO. 1 OF 34 SHEETS	STA. 1+00.00 TO STA. 3+22.24	ILLINOIS FED. AID PROJECT					



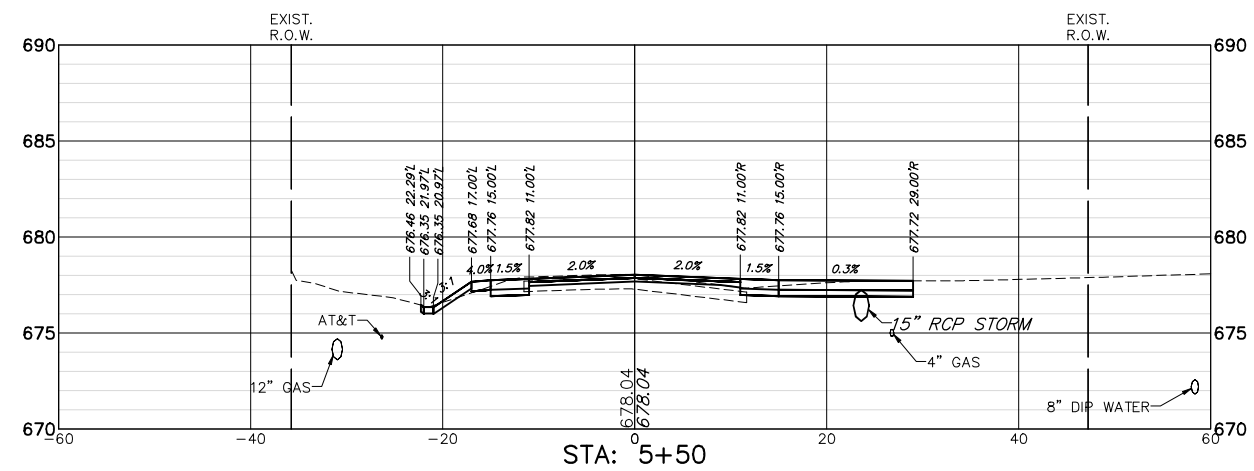
CUT: 14.24 SF
FILL: 4.24 SF



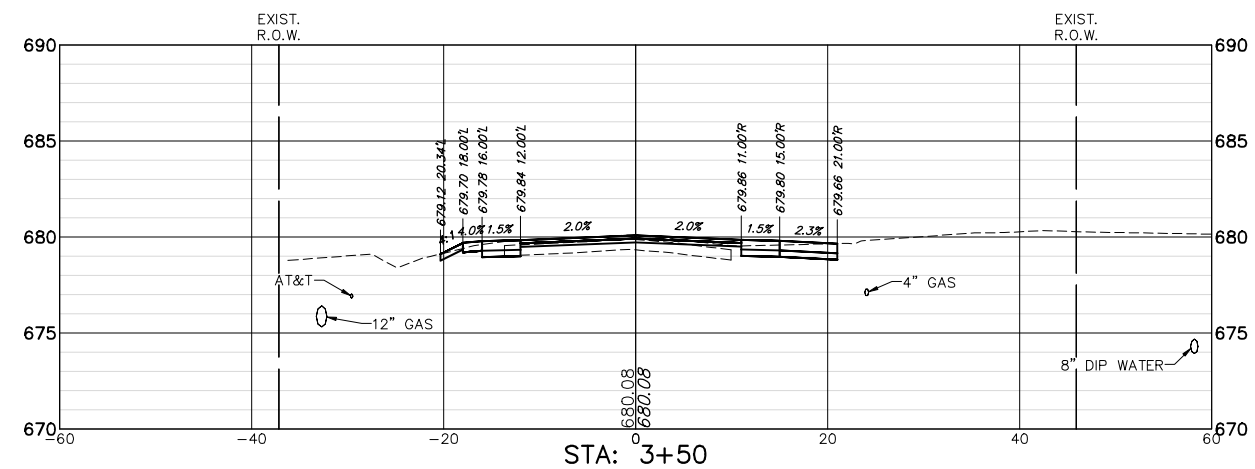
CUT: 17.50 SF
FILL: 5.60 SF



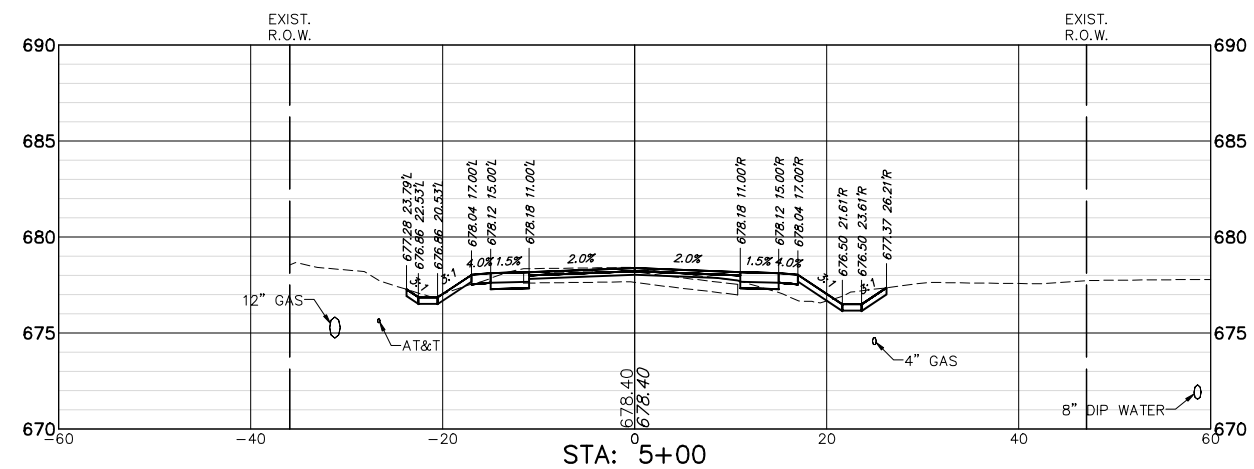
CUT: 17.90 SF
FILL: 0.73 SF



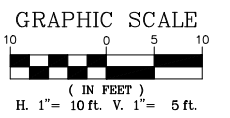
CUT: 15.59 SF
FILL: 0.18 SF



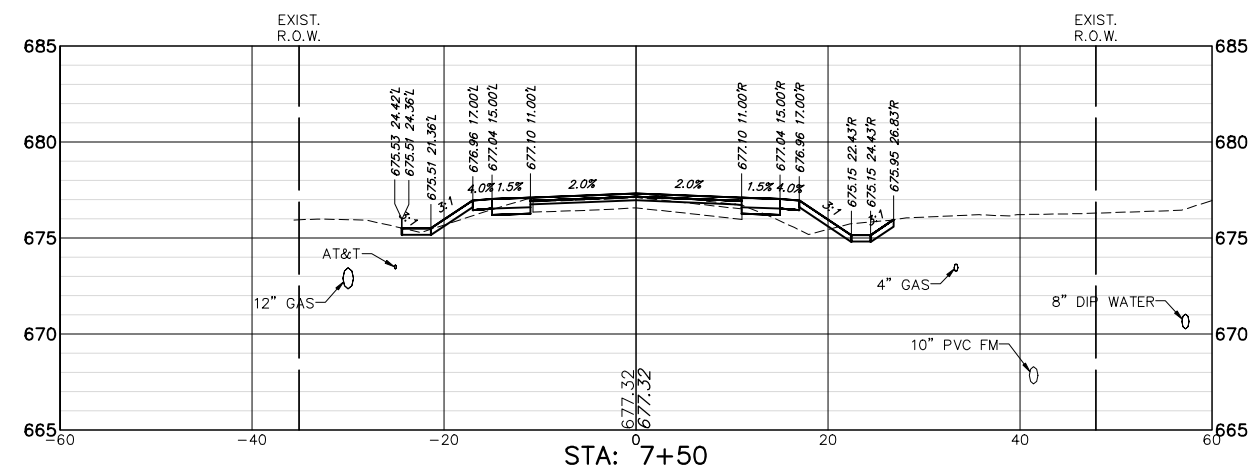
CUT: 9.32 SF
FILL: 0.17 SF



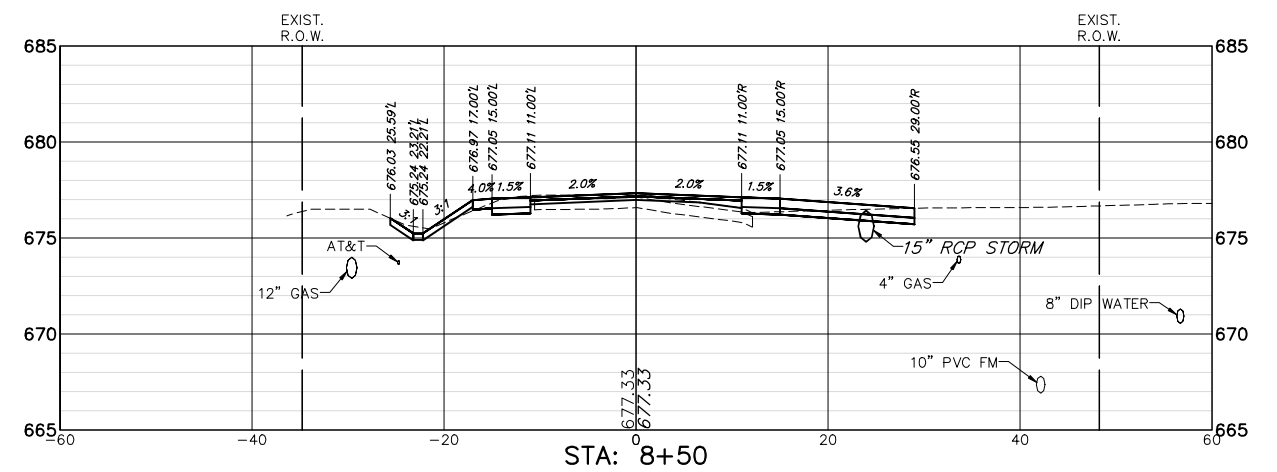
CUT: 9.91 SF
FILL: 3.22 SF



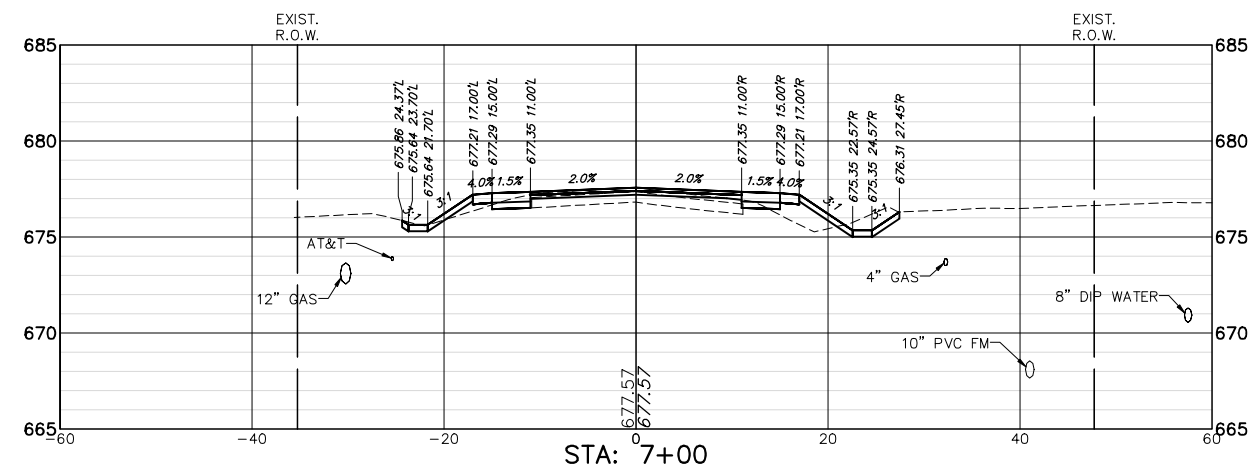
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD				FAU- RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -						2416	21-00020-00-RS	LAKE	110	78
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -		CONTRACT #:					61K96			
	PLOT DATE = 12/20/2024 11:42 AM	DATE - 12.23.2024	REVISED -		SCALE: AS NOTED	SHEET NO. 2 OF 34 SHEETS	STA. 3+50.00 TO STA. 6+00.00	ILLINOIS FED. AID PROJECT					



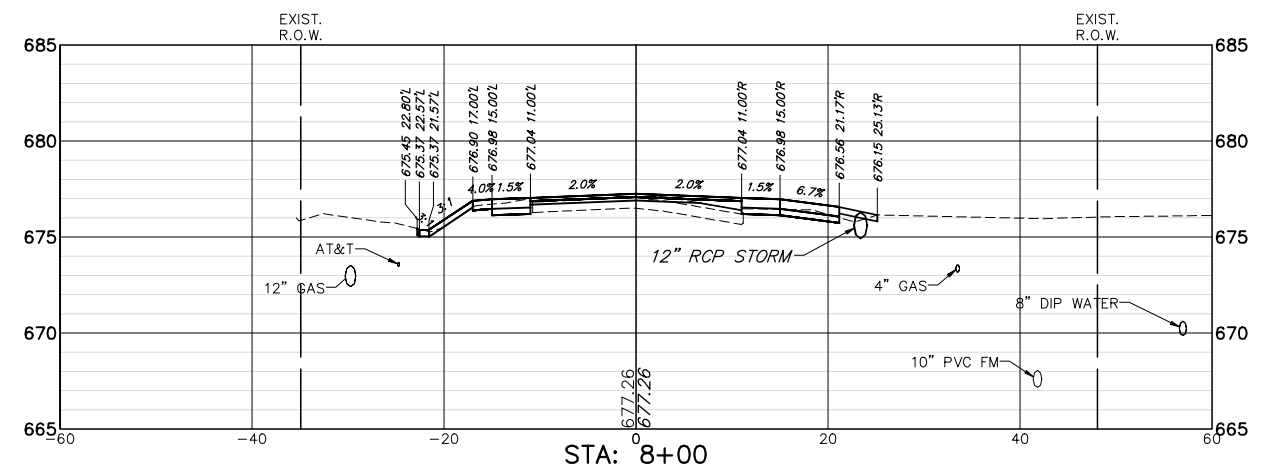
CUT: 8.32 SF
FILL: 5.26 SF



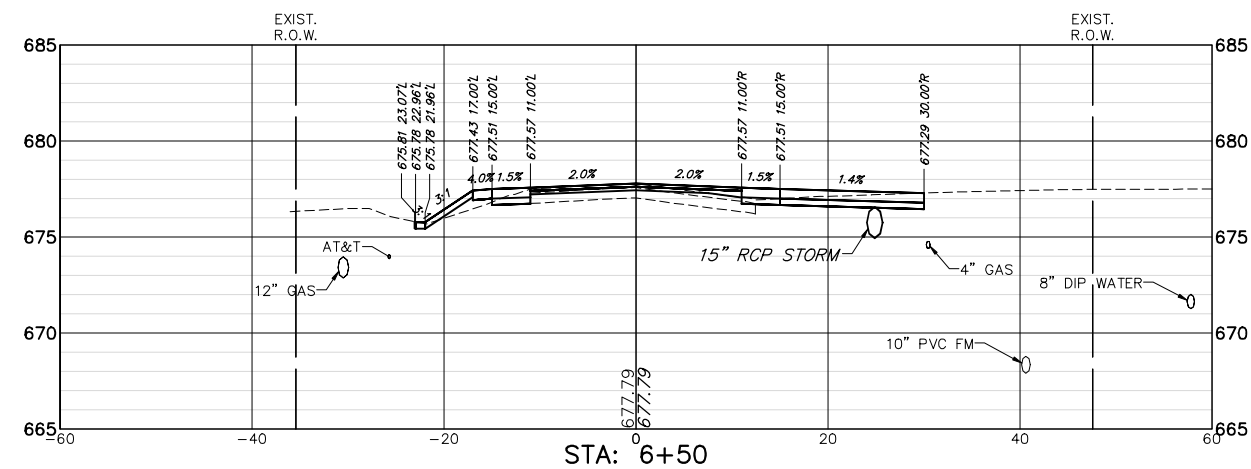
CUT: 13.59 SF
FILL: 0.17 SF



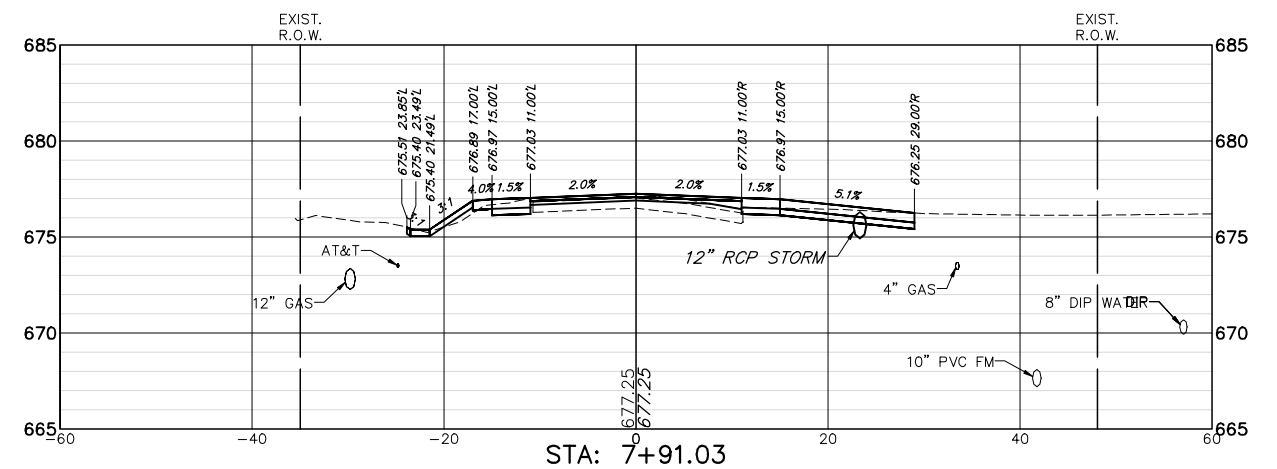
CUT: 9.18 SF
FILL: 6.07 SF



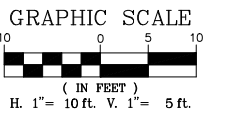
CUT: 7.28 SF
FILL: 0.01 SF



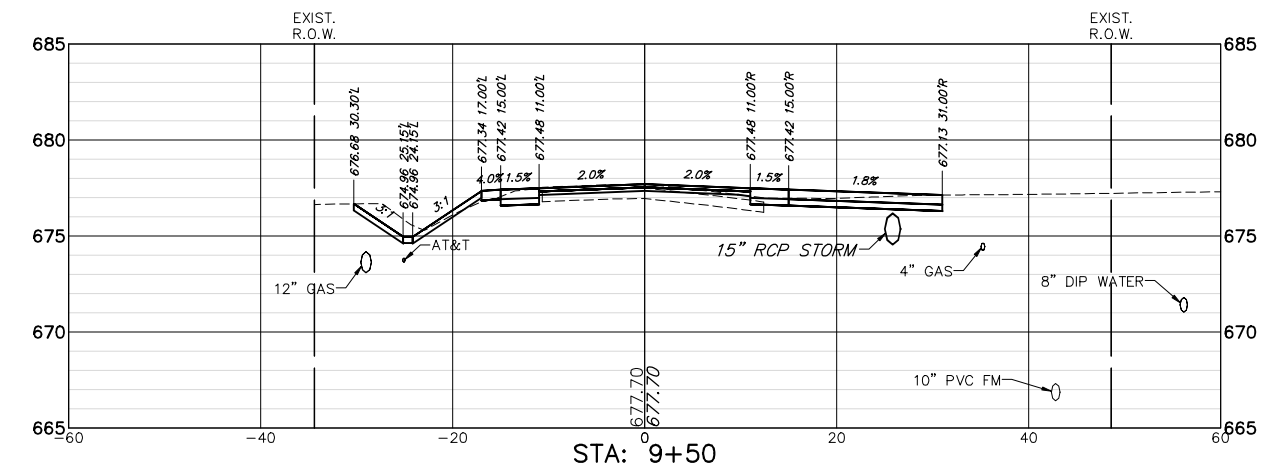
CUT: 11.99 SF
FILL: 1.75 SF



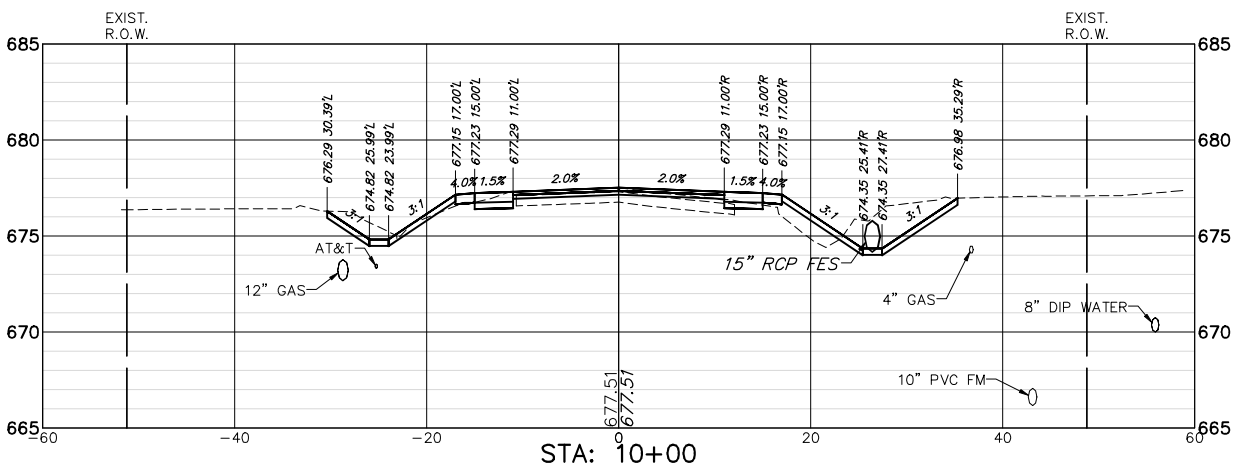
CUT: 13.70 SF
FILL: 1.71 SF



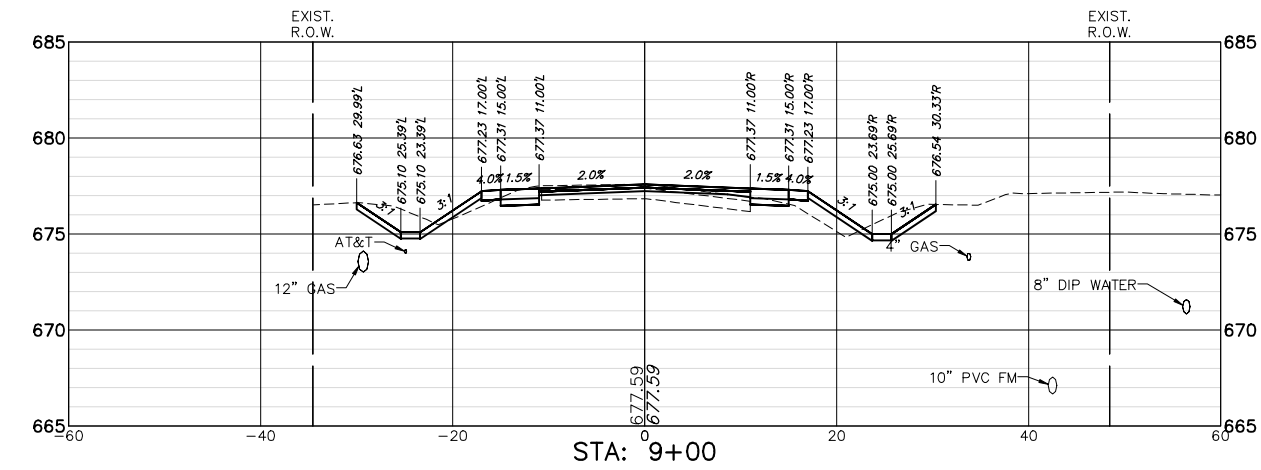
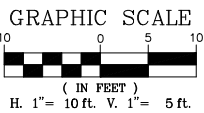
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD				FAU. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -						2416	21-00020-00-RS	LAKE	110	79
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -		CONTRACT # 61K96								
	PLOT DATE = 12/20/2024 11:42 AM	DATE - 12.23.2024	REVISED -		SCALE AS NOTED	SHEET NO. 3 OF 34 SHEETS	STA 6+50.00 TO STA 8+50.00	ILLINOIS FED. AID PROJECT					



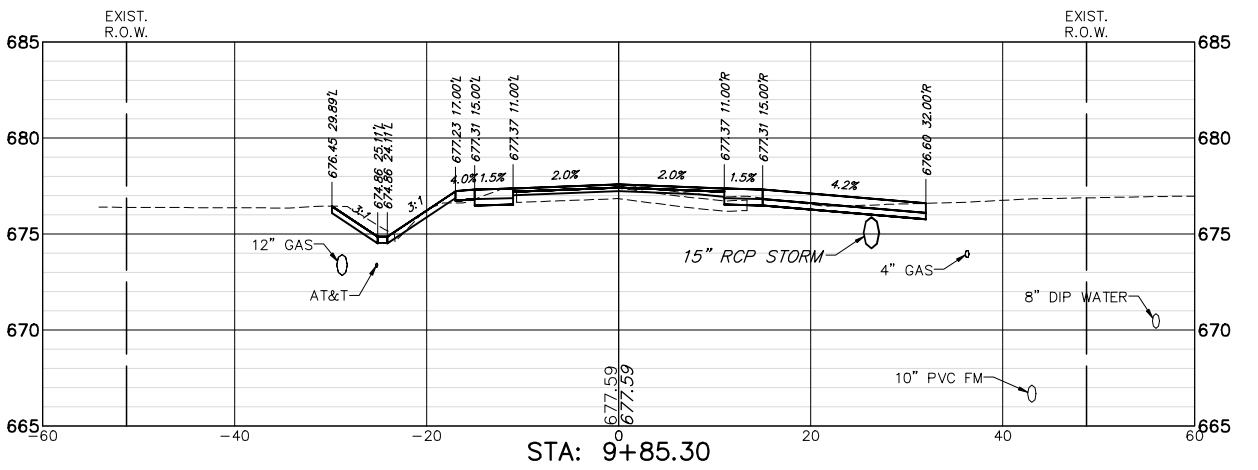
CUT: 21.06 SF
FILL: 0.22 SF



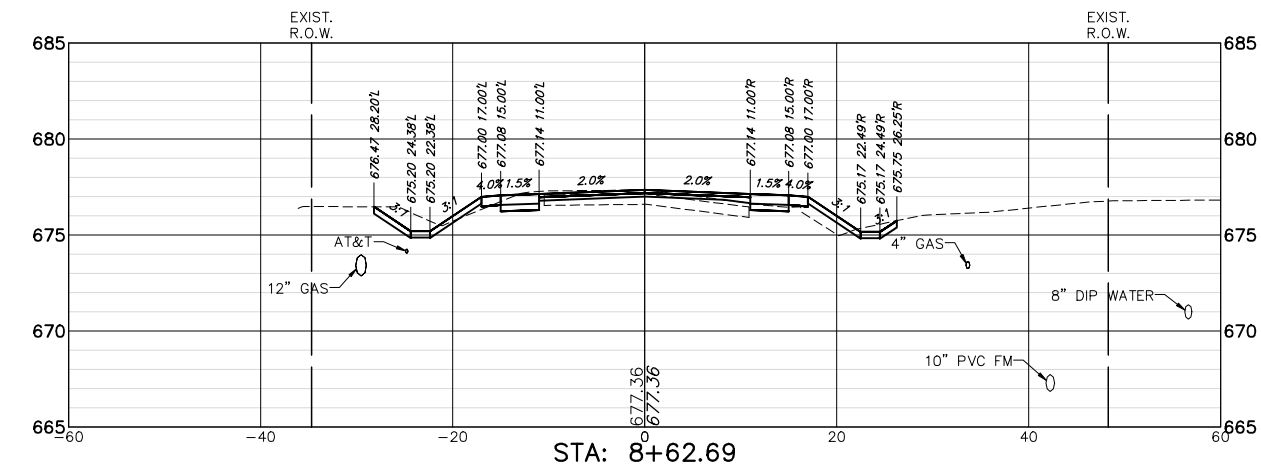
CUT: 28.87 SF
FILL: 5.43 SF



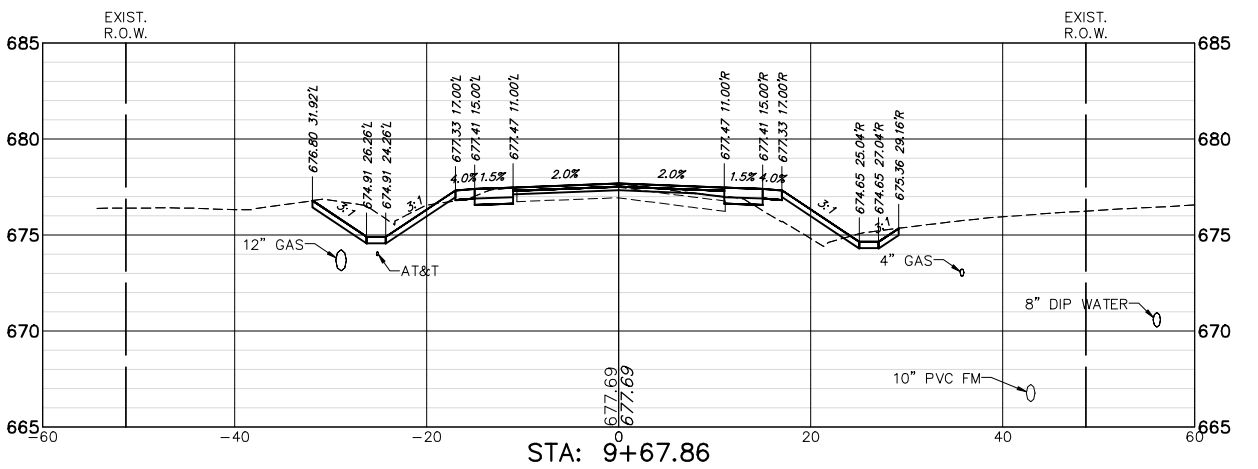
CUT: 19.67 SF
FILL: 5.44 SF



CUT: 17.04 SF
FILL: 0.40 SF

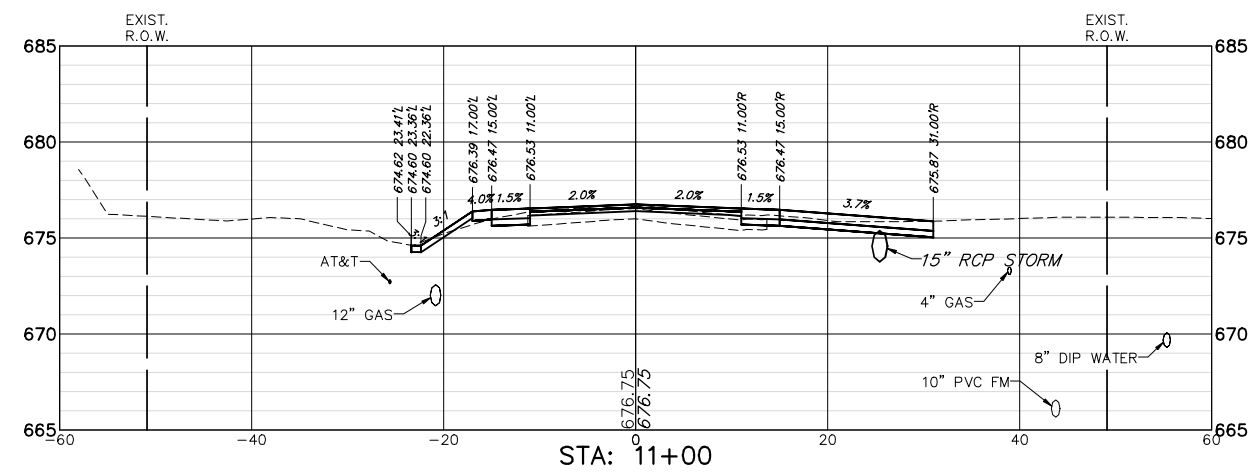


CUT: 13.69 SF
FILL: 3.30 SF

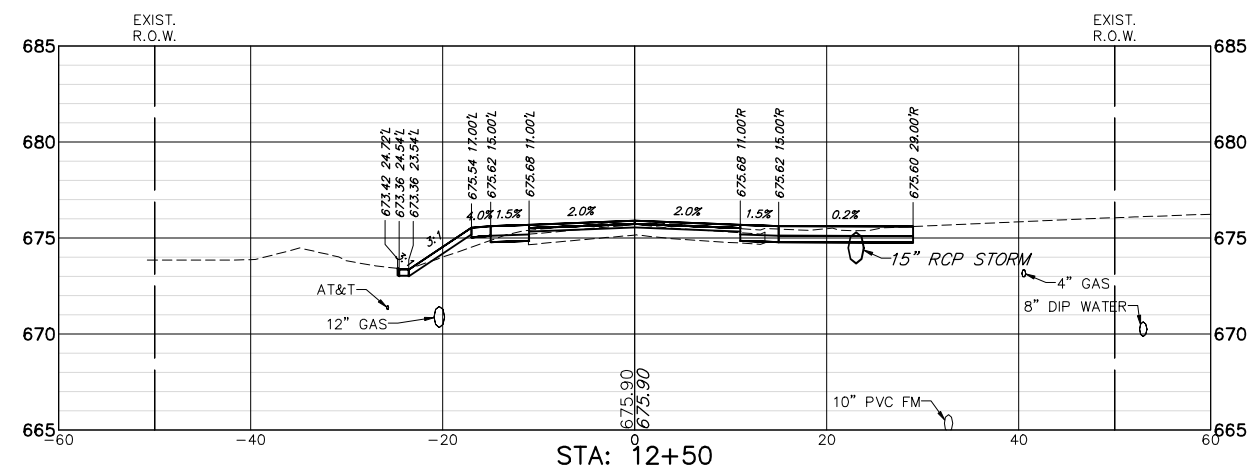


CUT: 21.16 SF
FILL: 8.25 SF

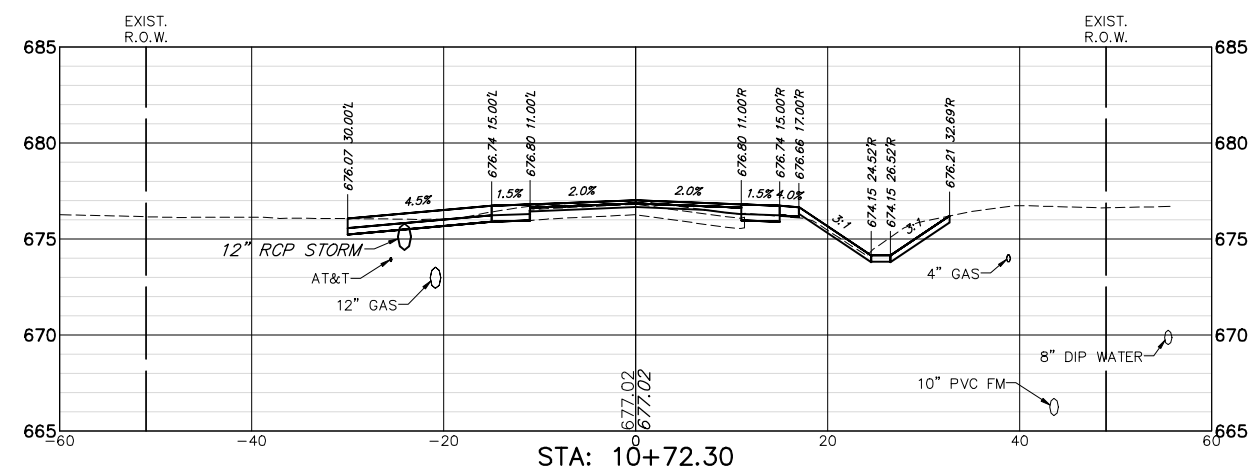
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD		FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - PJS	REVISED -				2416	21-00020-00-RS	LAKE	110	80
	PLOT DATE = 12/20/2024 11:43 AM	CHECKED - MGFC	REVISED -				CONTRACT # 61K96				
		DATE - 12.23.2024	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE AS NOTED		SHEET NO. 4 OF 34 SHEETS	STA. 8+62.69 TO STA. 10+00.00				



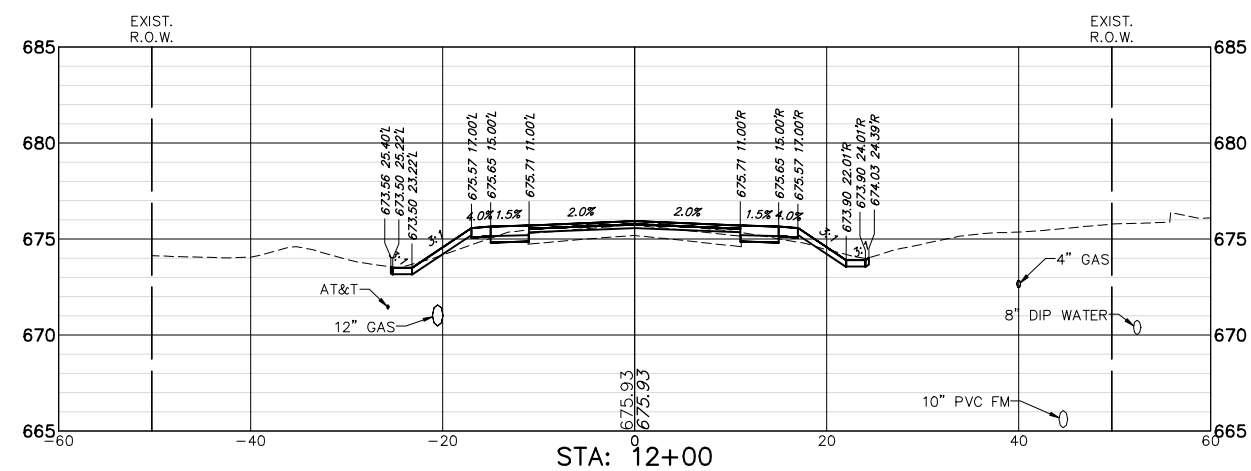
CUT: 13.22 SF
FILL: 0.50 SF



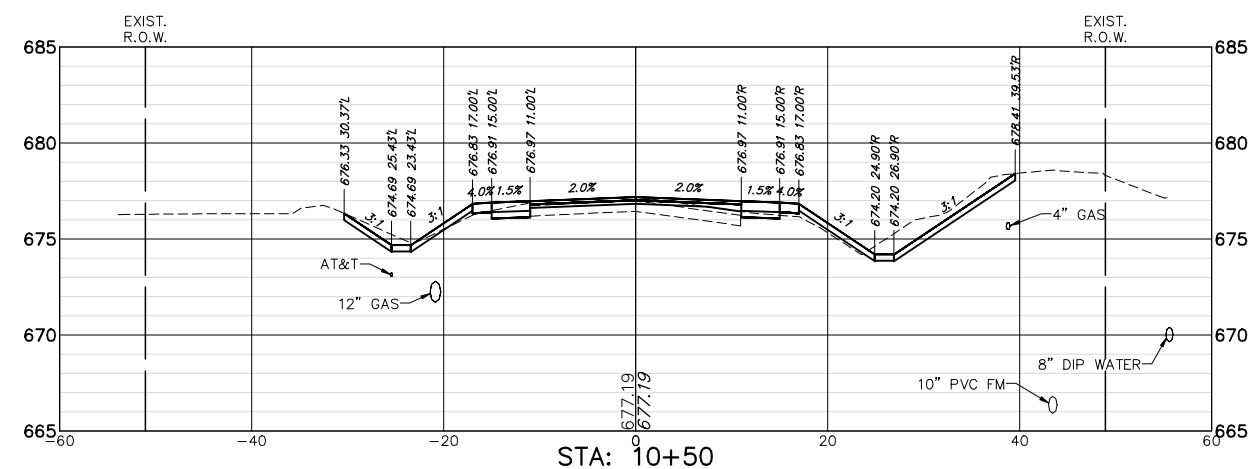
CUT: 12.89 SF
FILL: 2.13 SF



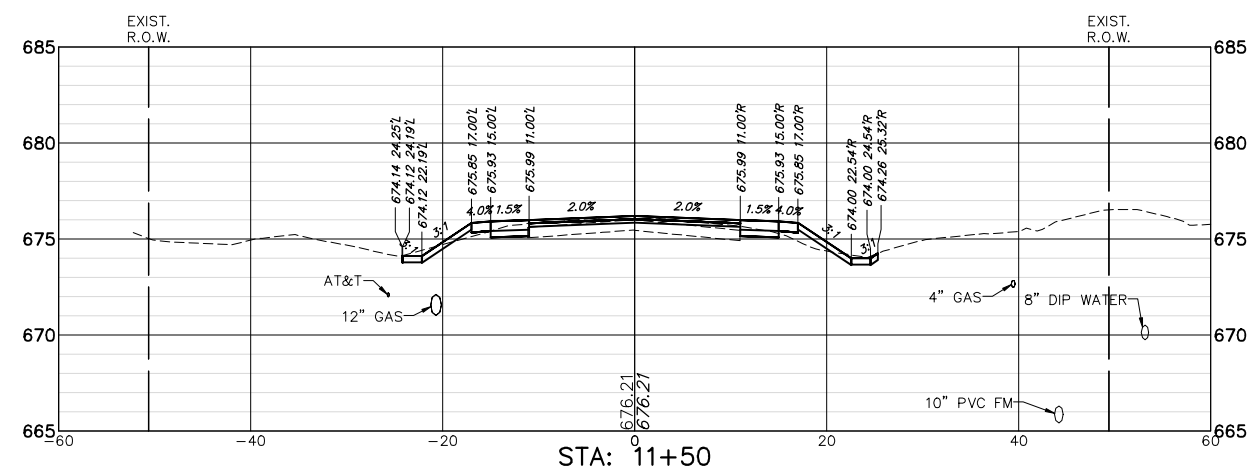
CUT: 20.31 SF
FILL: 0.19 SF



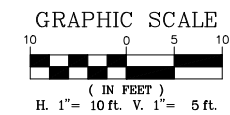
CUT: 6.96 SF
FILL: 2.04 SF



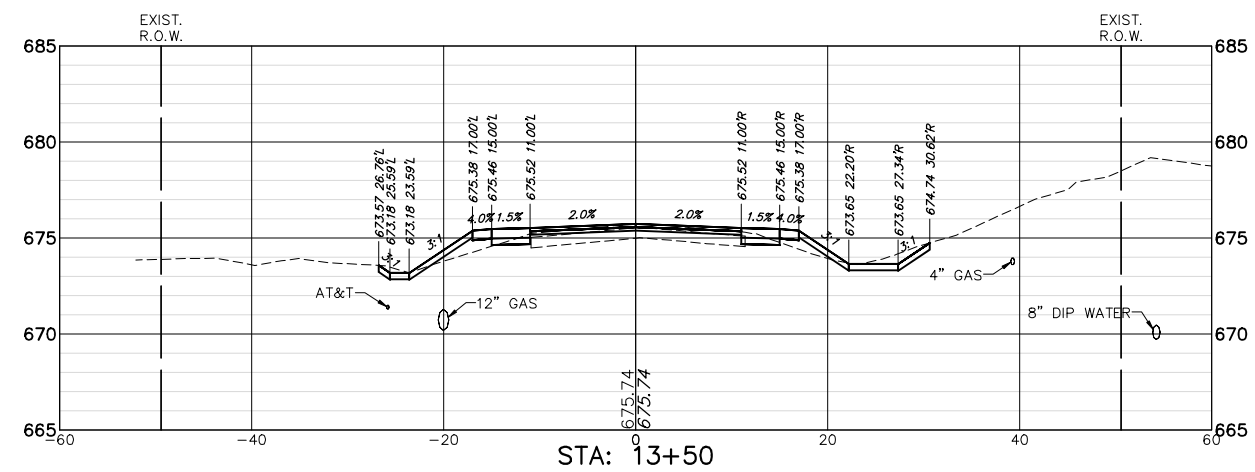
CUT: 23.12 SF
FILL: 1.83 SF



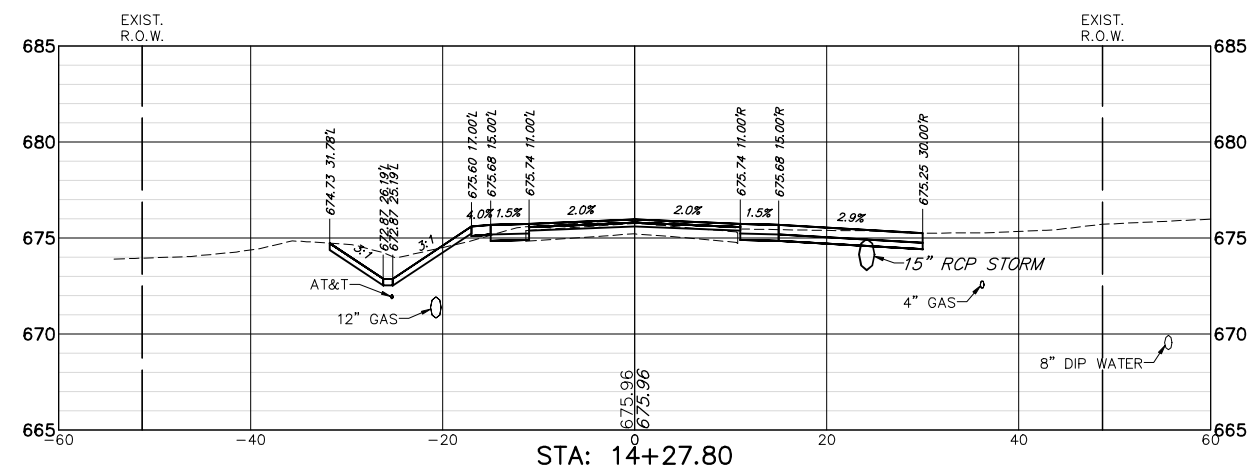
CUT: 7.42 SF
FILL: 2.39 SF



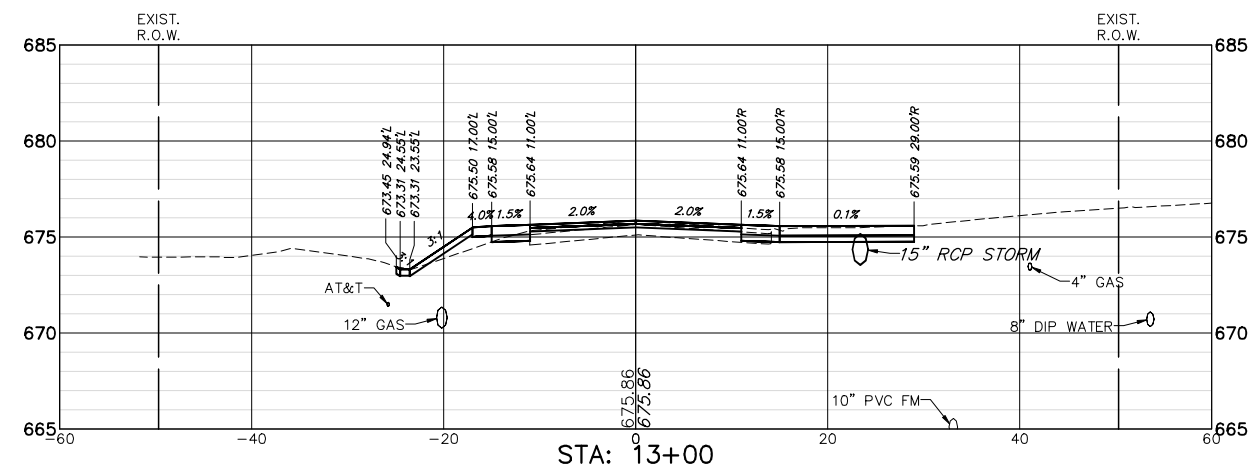
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD			FAU- RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	81
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -		CONTRACT #:					61K96		
	PLOT DATE = 12/20/2024 11:43 AM	DATE - 12.23.2024	REVISED -		SCALE: AS NOTED	SHEET NO. 5 OF 34 SHEETS	STA. 10+50.00 TO STA. 12+50.00	ILLINOIS FED. AID PROJECT				



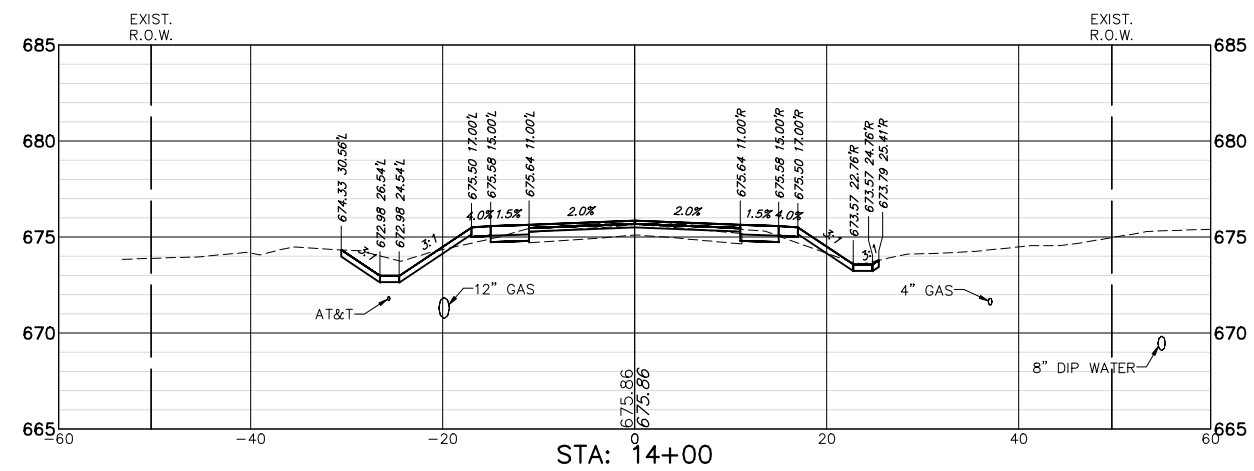
CUT: 9.45 SF
FILL: 4.52 SF



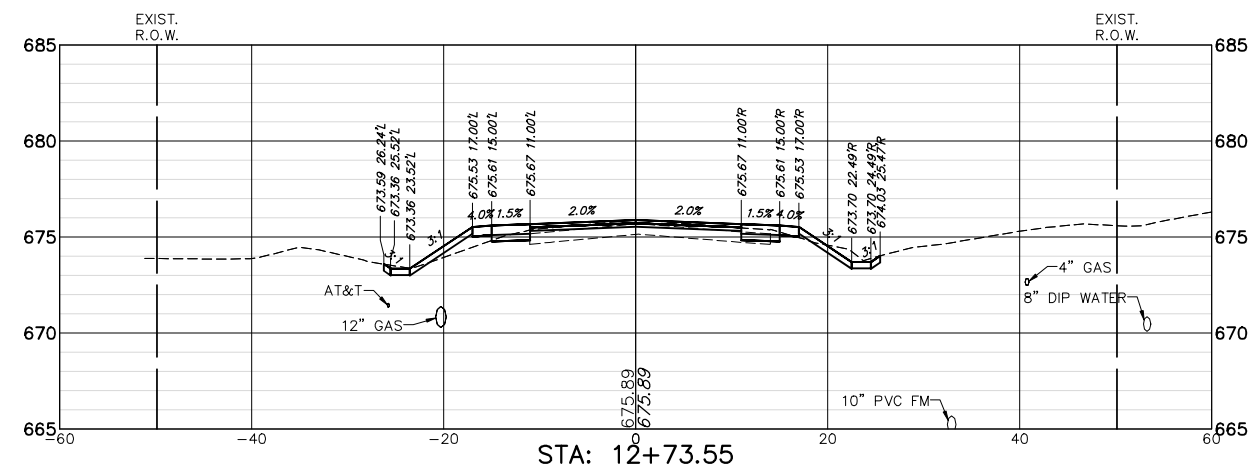
CUT: 27.63 SF
FILL: 0.68 SF



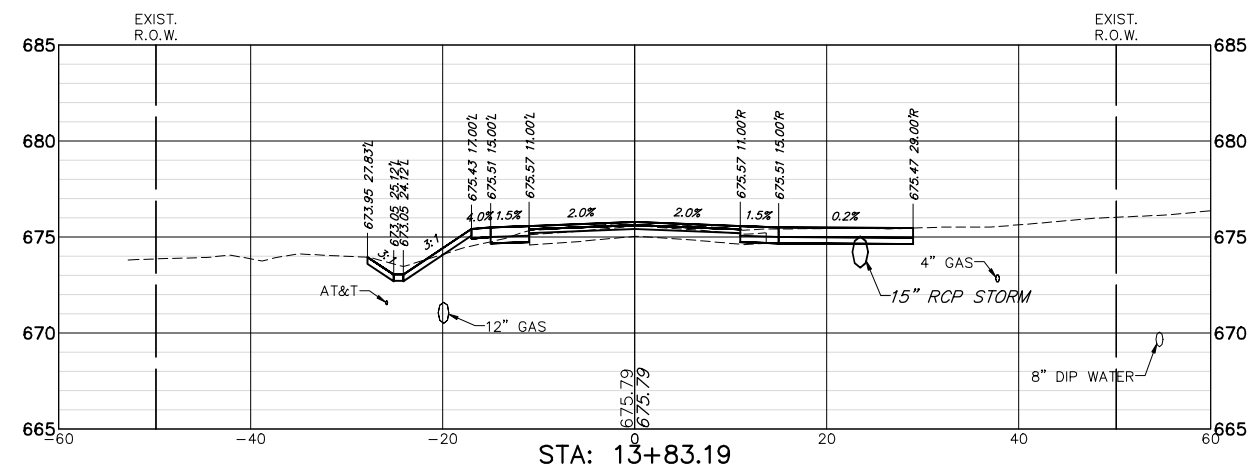
CUT: 13.07 SF
FILL: 2.65 SF



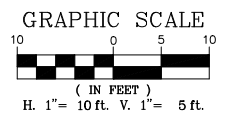
CUT: 14.61 SF
FILL: 1.96 SF



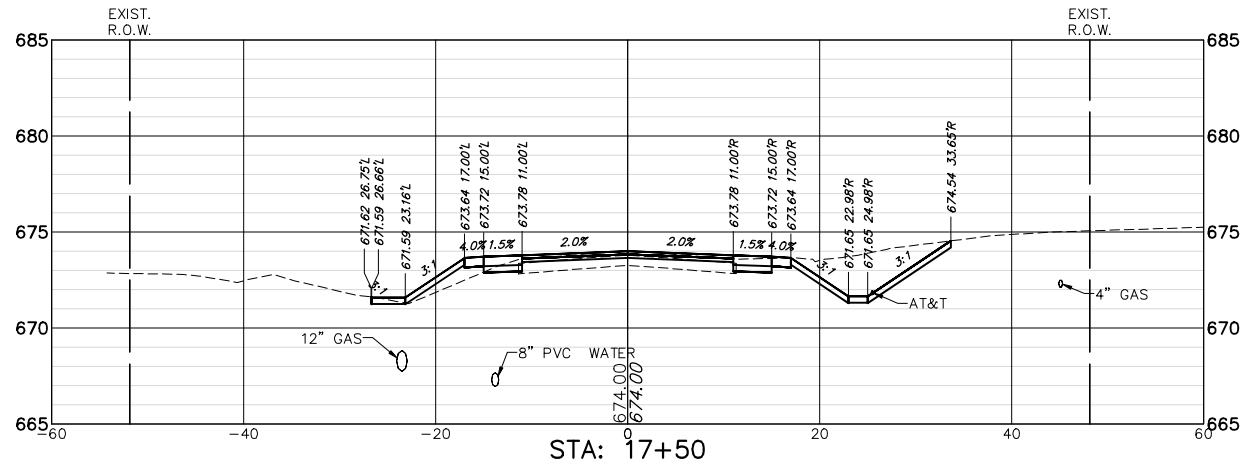
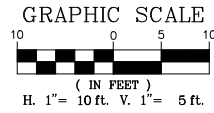
CUT: 7.03 SF
FILL: 2.58 SF



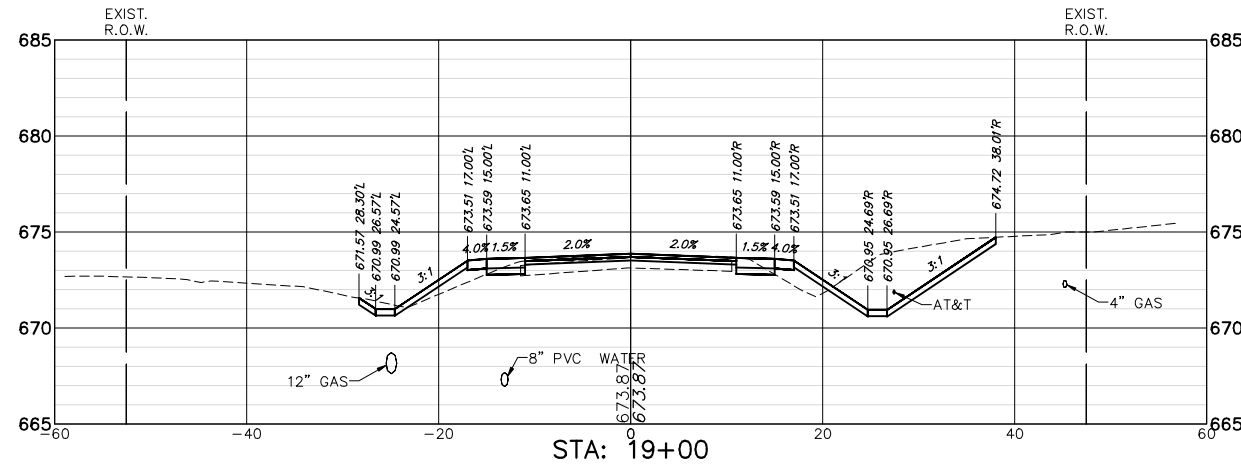
CUT: 17.31 SF
FILL: 1.37 SF



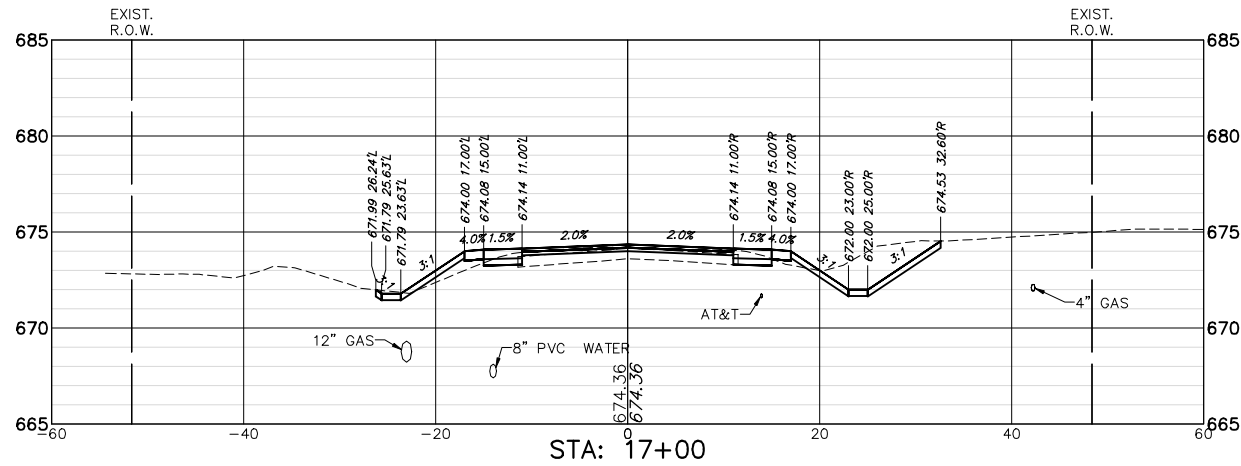
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD			FAU- RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	82
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -				CONTRACT #:		61K96			
	PLOT DATE = 12/20/2024 11:44 AM	DATE - 12.23.2024	REVISED -		SCALE: AS NOTED	SHEET NO. 6 OF 34 SHEETS	STA. 12+73.55 TO STA. 14+27.80	ILLINOIS FED. AID PROJECT				



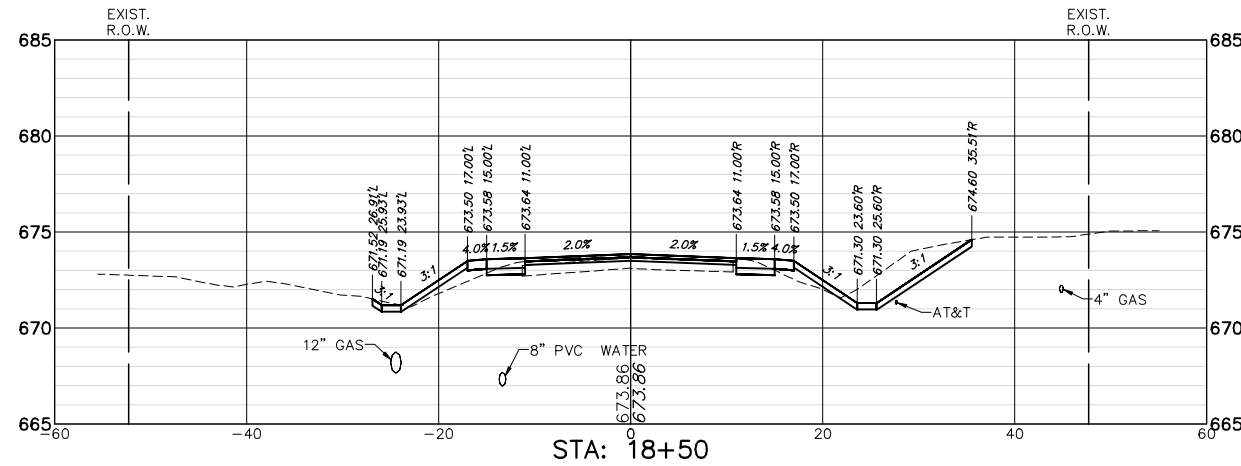
CUT: 31.42 SF
FILL: 3.56 SF



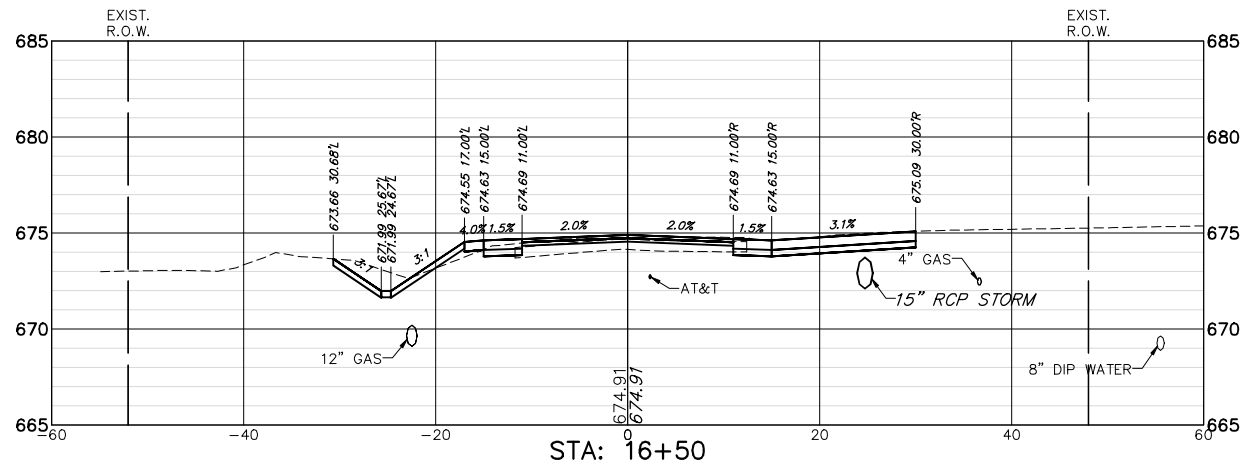
CUT: 39.64 SF
FILL: 7.01 SF



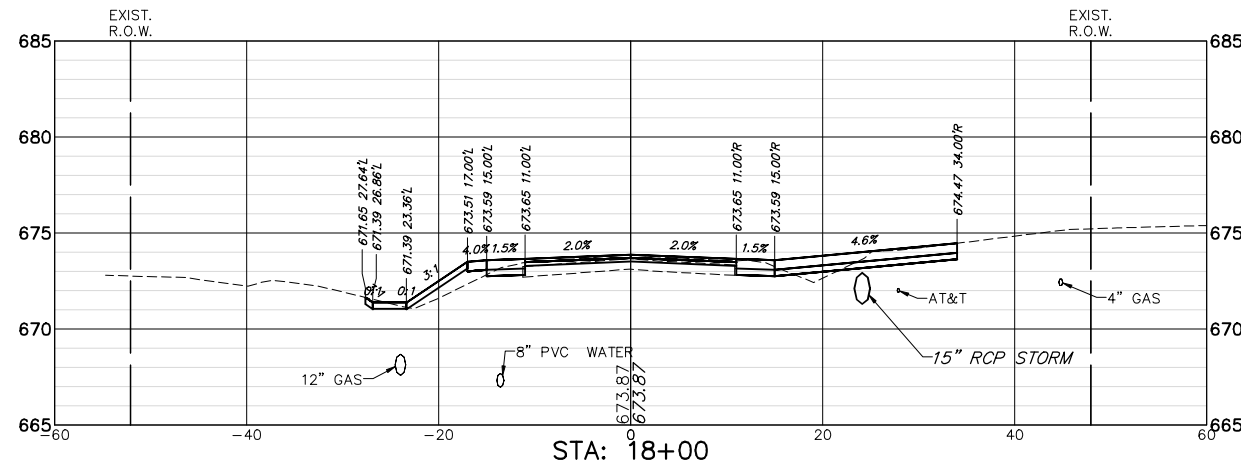
CUT: 23.68 SF
FILL: 2.88 SF



CUT: 22.99 SF
FILL: 4.81 SF

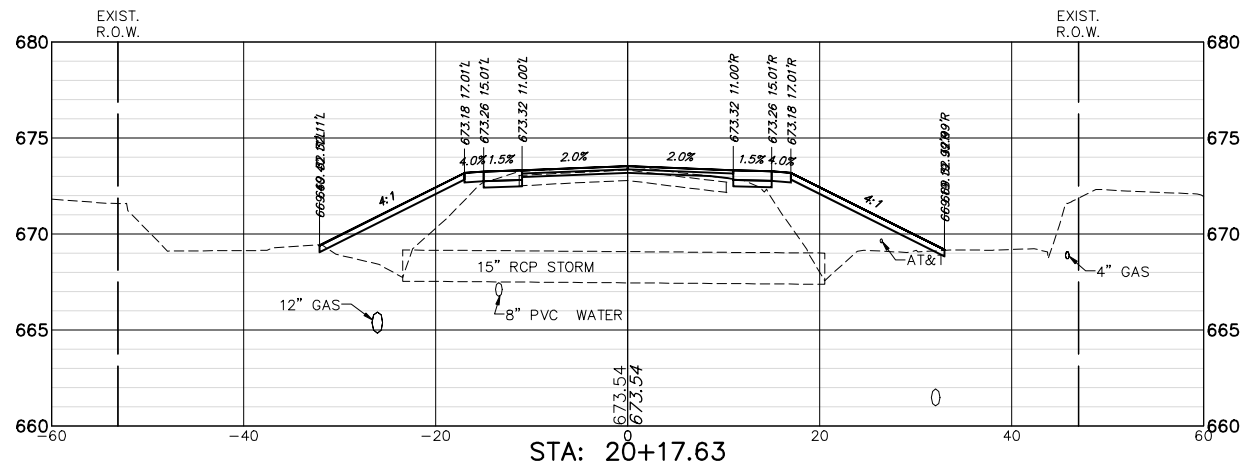
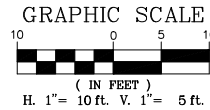


CUT: 25.33 SF
FILL: 0.98 SF

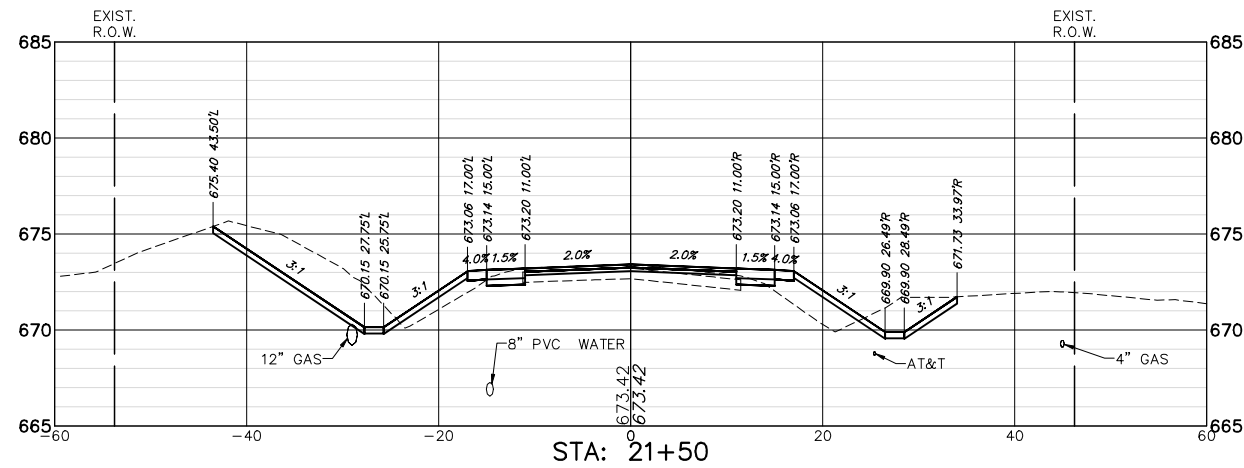


CUT: 14.44 SF
FILL: 5.25 SF

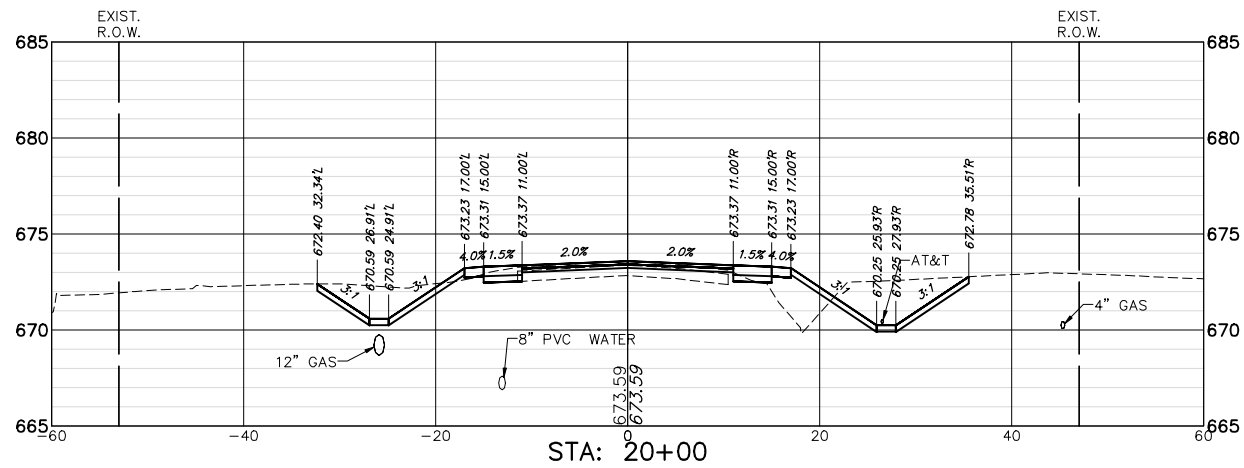
FILE NAME = 9770.609--XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD			FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1" = .0833'	DRAWN - PJS	REVISED -					2416	21--00020--00--RS	LAKE	110	84	
	PLOT DATE = 12/20/2024 11:44 AM	CHECKED - MGFC	REVISED -					CONTRACT #:					61K96
		DATE - 12.23.2024	REVISED -					ILLINOIS FED. AID PROJECT					
SCALE AS NOTED			SHEET NO. 8 OF 34 SHEETS			STA. 16+50.00 TO STA. 19+00.00							



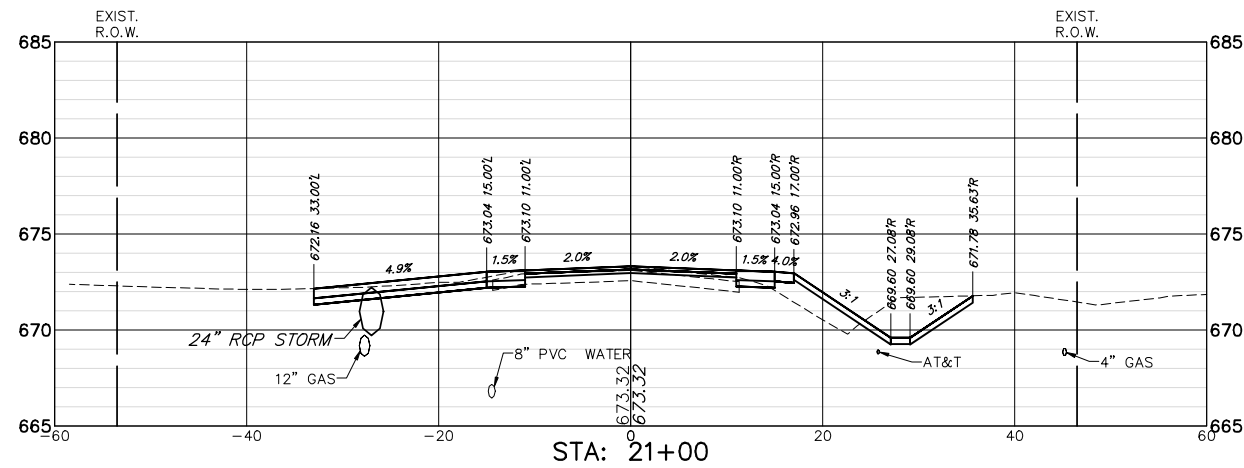
CUT: 2.88 SF
FILL: 60.97 SF



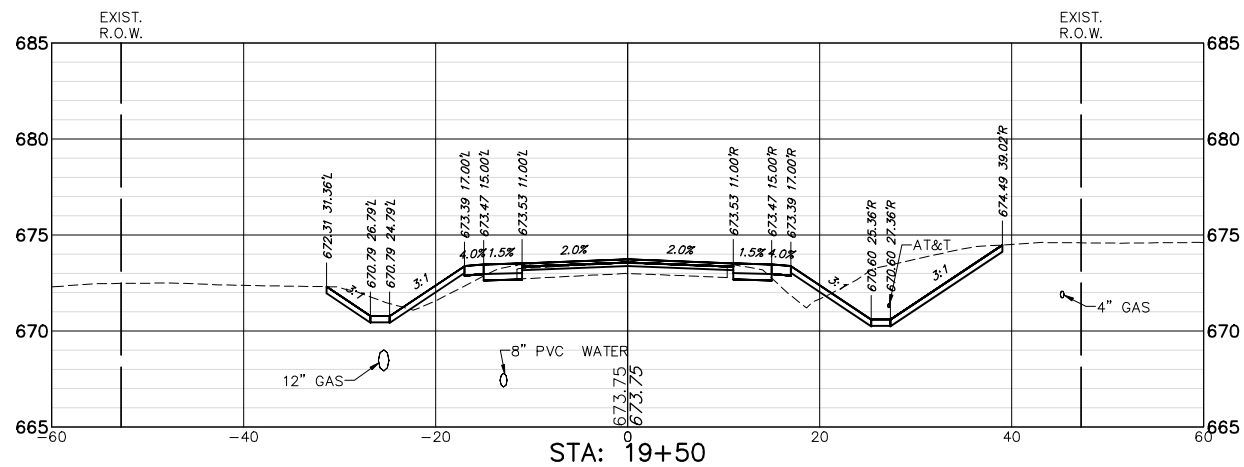
CUT: 53.72 SF
FILL: 14.53 SF



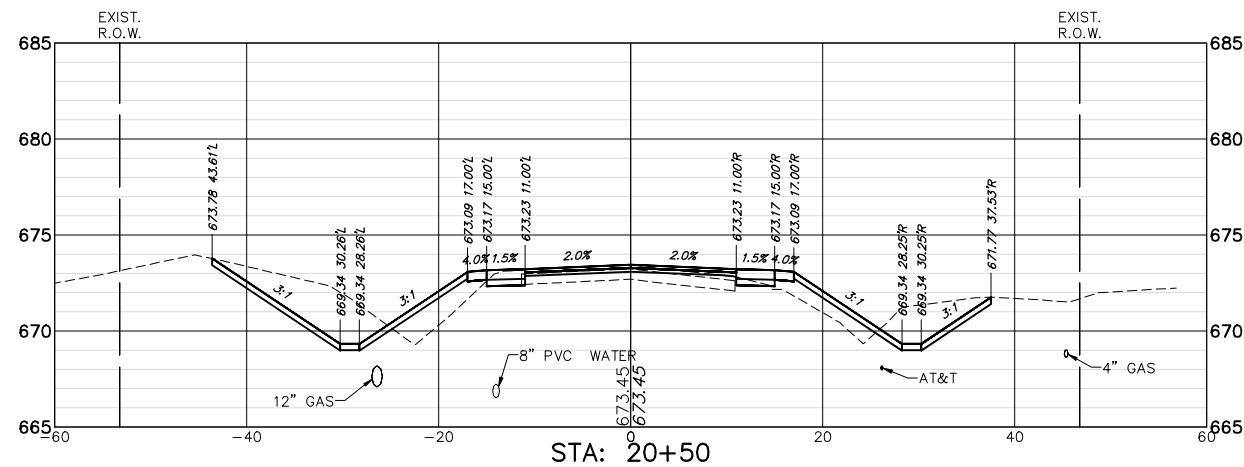
CUT: 44.71 SF
FILL: 9.96 SF



CUT: 31.66 SF
FILL: 8.11 SF



CUT: 46.54 SF
FILL: 7.57 SF



CUT: 54.42 SF
FILL: 18.27 SF

FILE NAME = 9770.609-XS.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - PJS

REVISED -

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SAUNDERS ROAD

SCALE AS NOTED SHEET NO. 9 OF 34 SHEETS STA. 19+50.00 TO STA. 21+50.00

FAU
RTE

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

2416

21-00020-00-RS

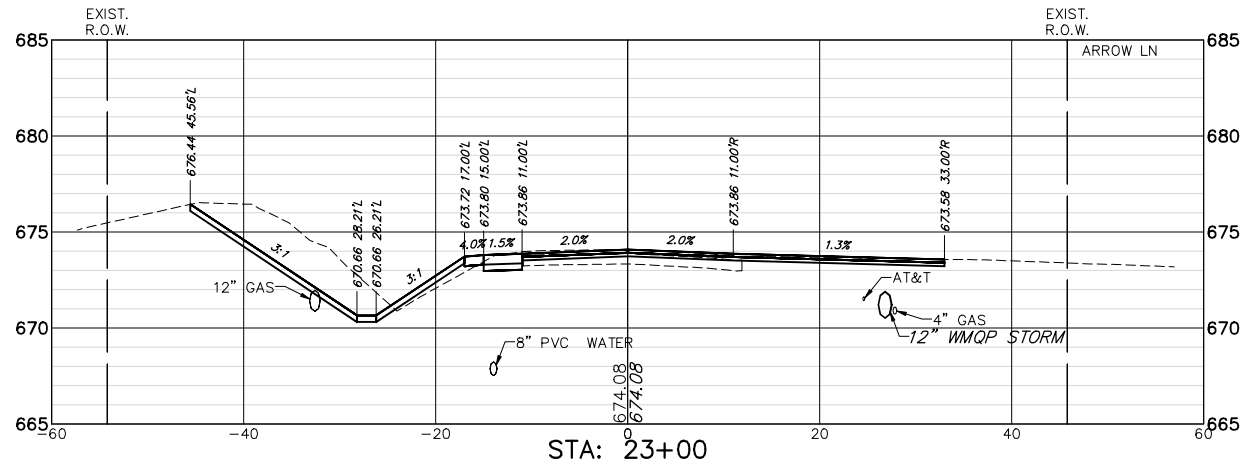
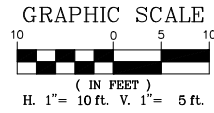
LAKE

110

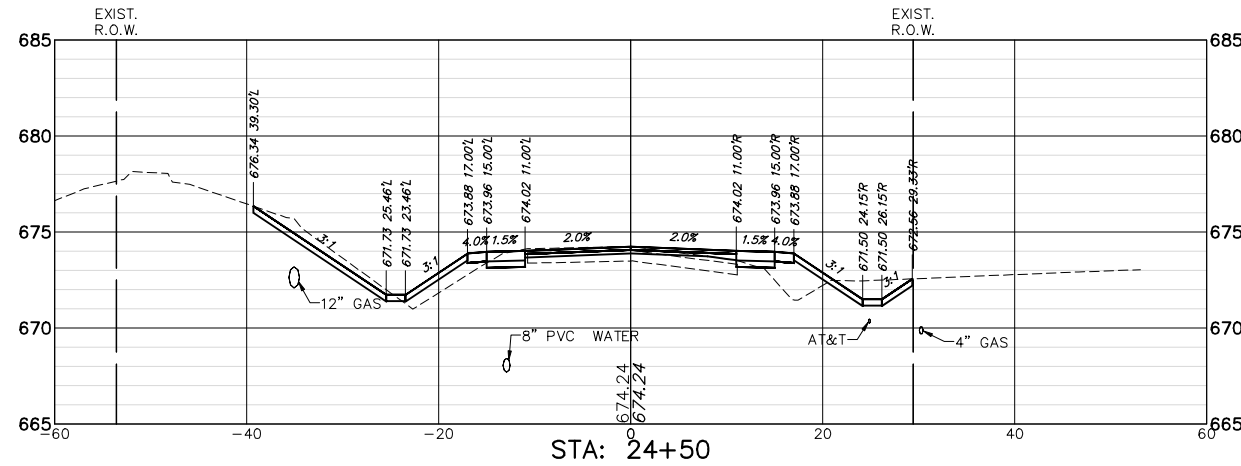
85

CONTRACT # 61K96

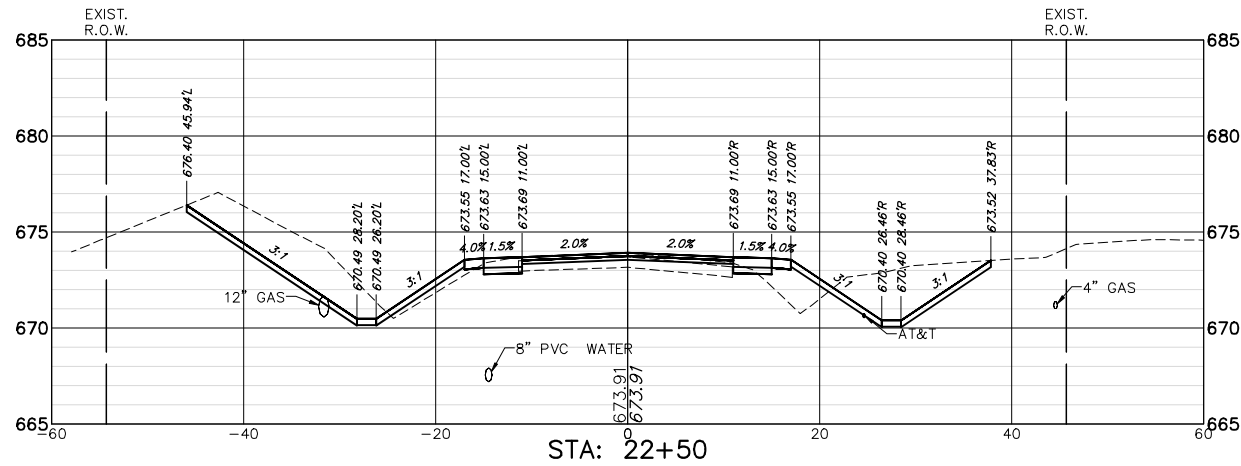
ILLINOIS FED. AID PROJECT



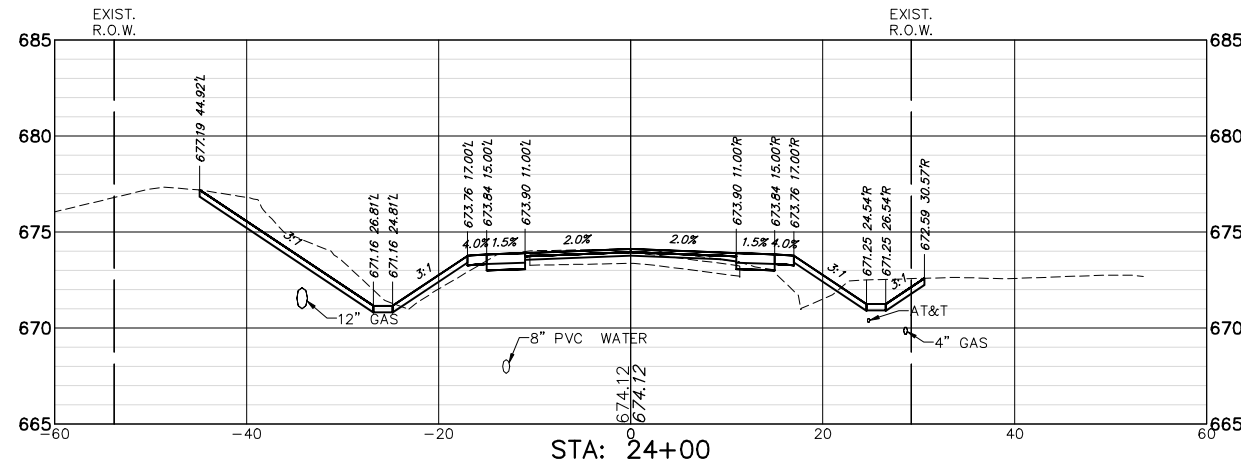
CUT: 47.12 SF
FILL: 2.26 SF



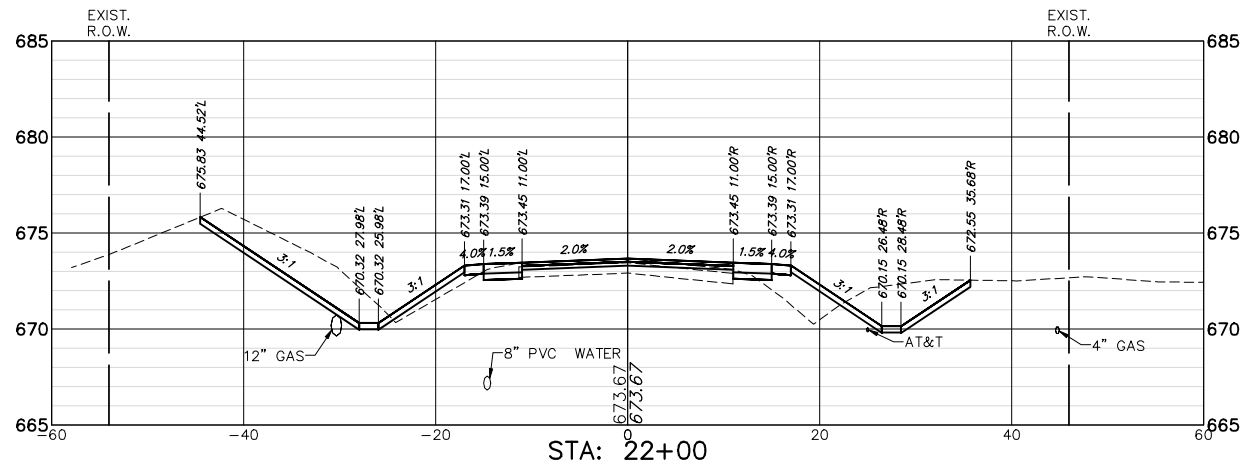
CUT: 21.89 SF
FILL: 12.21 SF



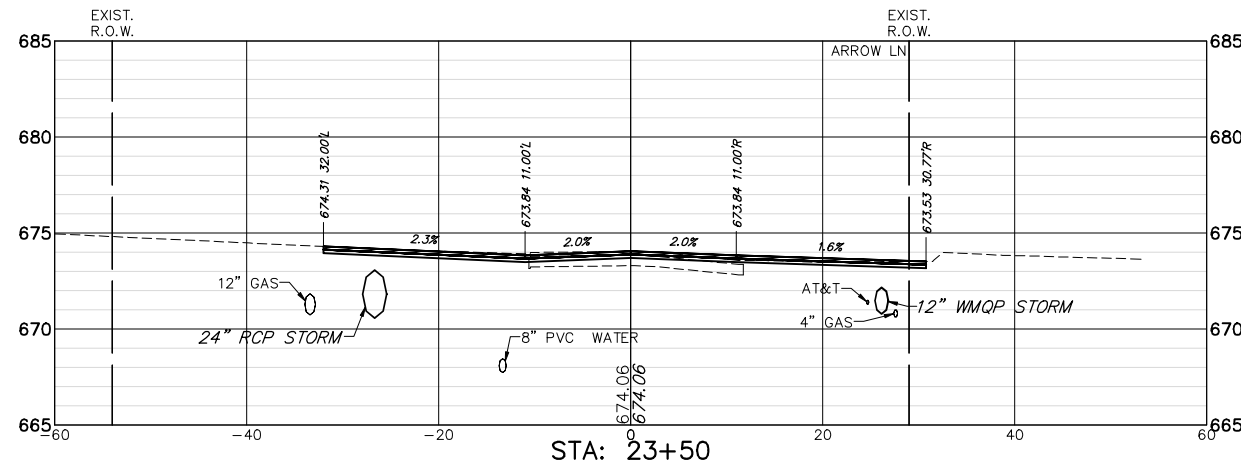
CUT: 79.34 SF
FILL: 11.17 SF



CUT: 39.67 SF
FILL: 9.96 SF

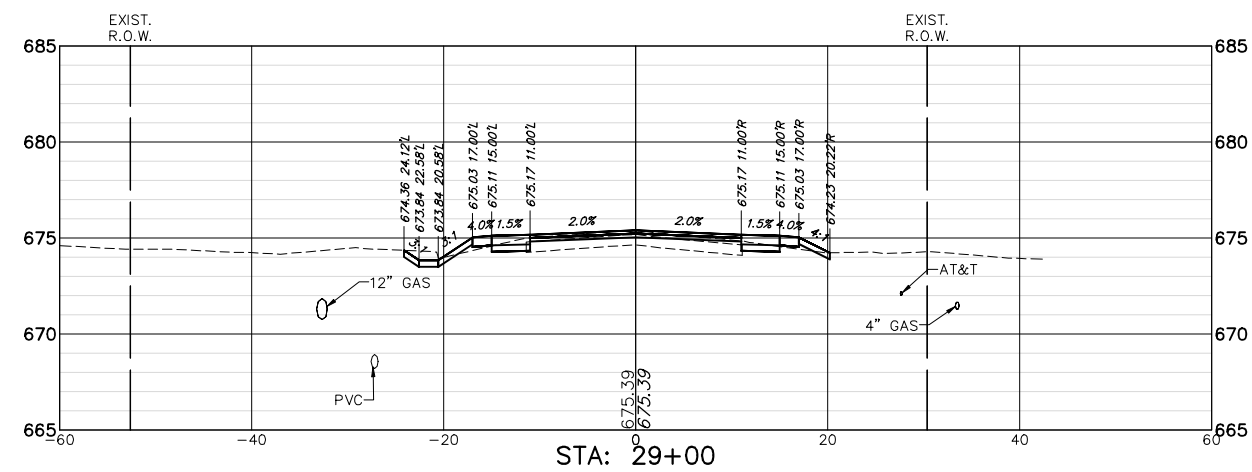


CUT: 61.39 SF
FILL: 12.72 SF

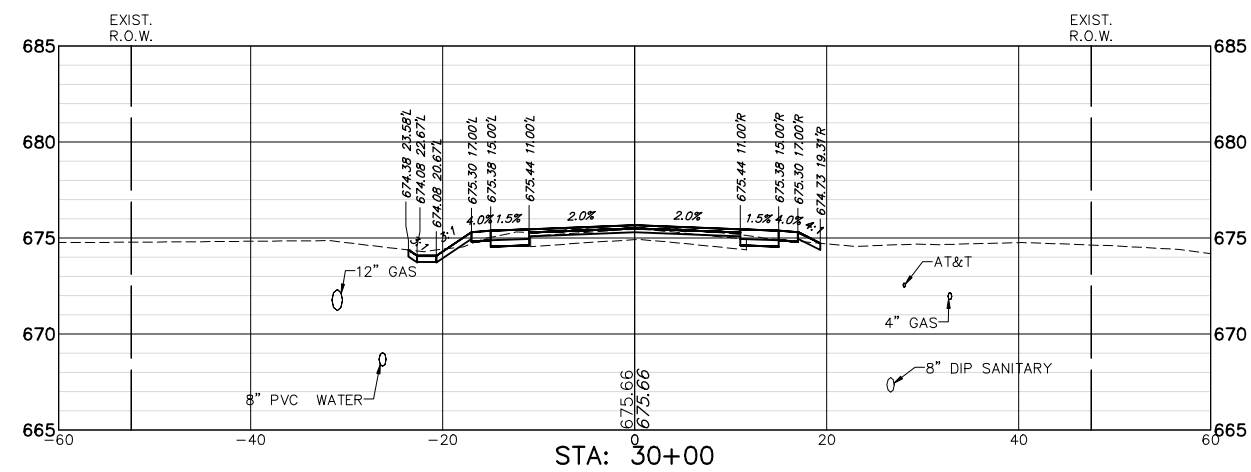


CUT: 4.21 SF
FILL: 0.00 SF

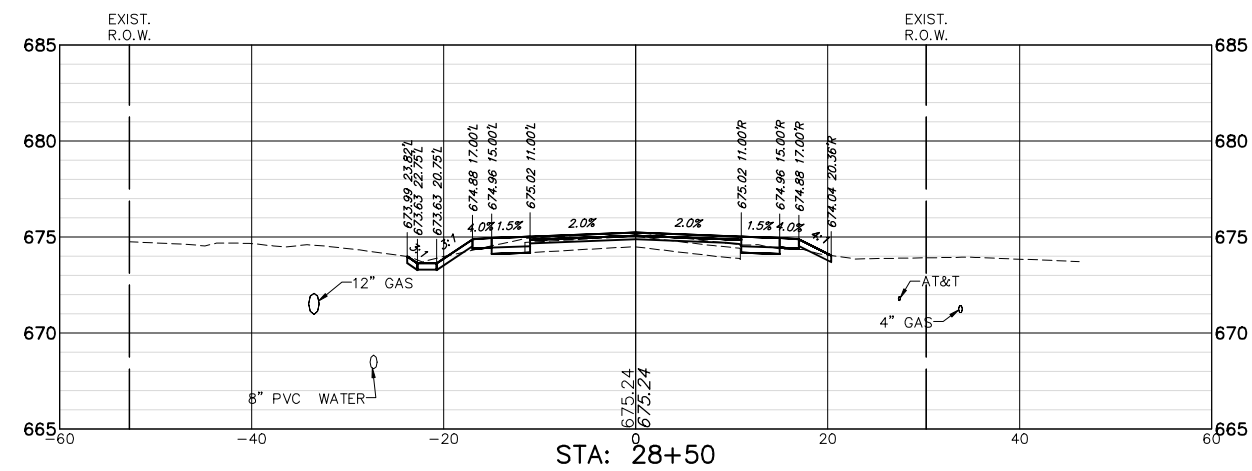
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK		DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD		FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'		DRAWN - PJS	REVISED -		SCALE AS NOTED		2416	21-00020-00-RS	LAKE	110	86
	PLOT DATE = 12/20/2024 11:45 AM		CHECKED - MGFC	REVISED -		SHEET NO. 10 OF 34 SHEETS		CONTRACT #:		ILLINOIS	FED. AID PROJECT	
			DATE - 12.23.2024	REVISED -		STA: 22+00.00 TO STA: 24+50.00		61K96				



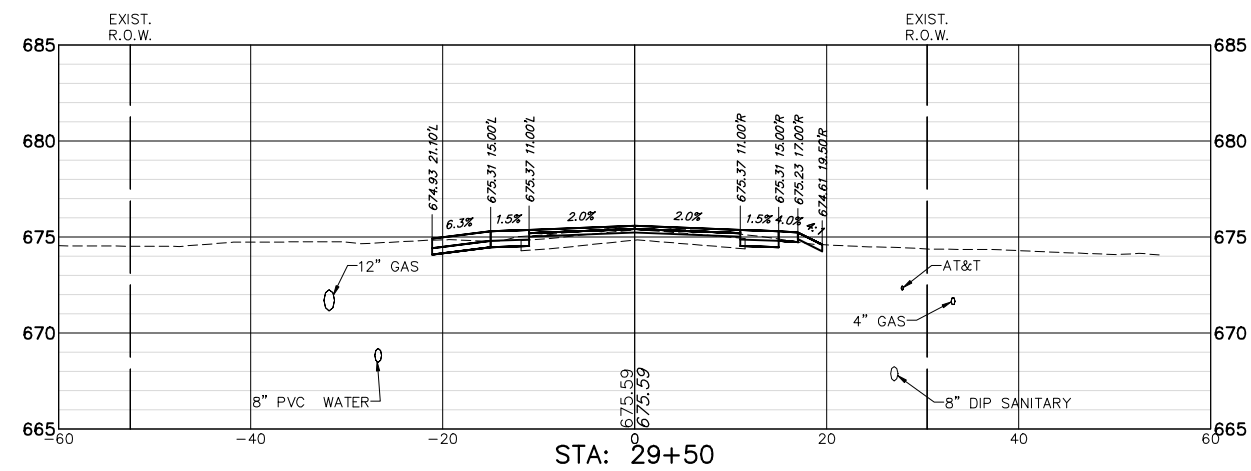
CUT: 6.46 SF
FILL: 0.84 SF



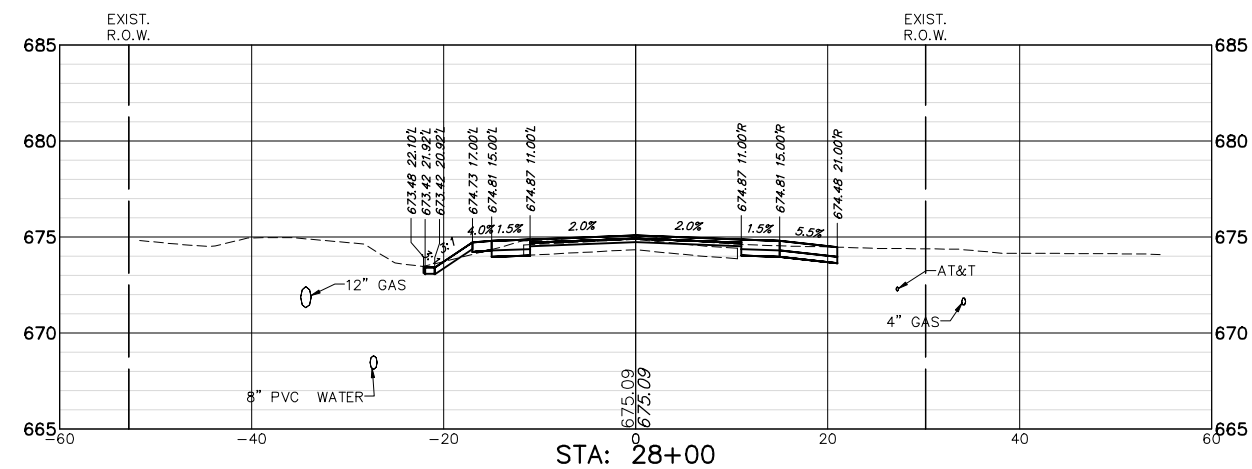
CUT: 6.86 SF
FILL: 0.25 SF



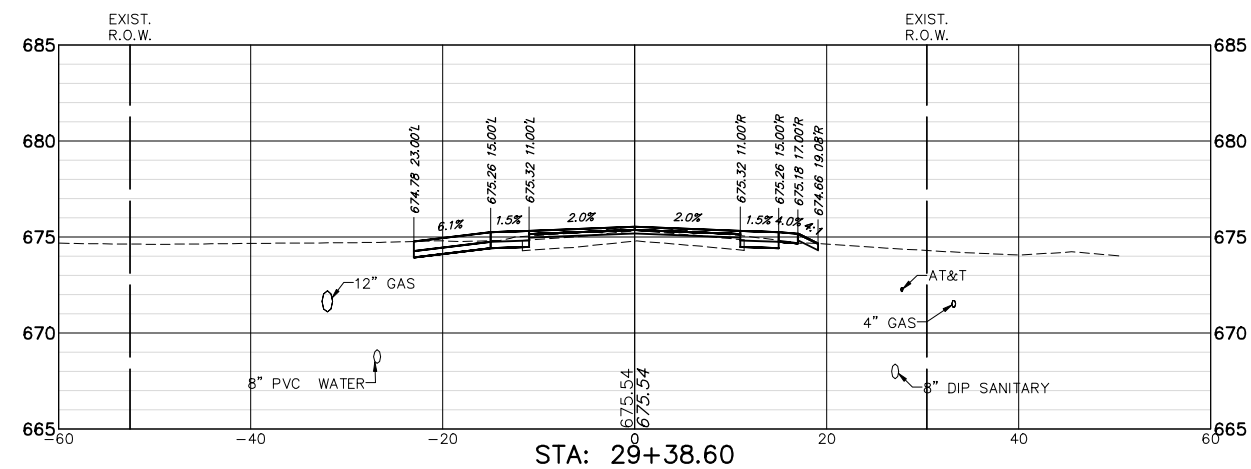
CUT: 6.22 SF
FILL: 0.36 SF



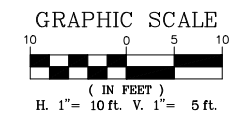
CUT: 6.68 SF
FILL: 0.06 SF



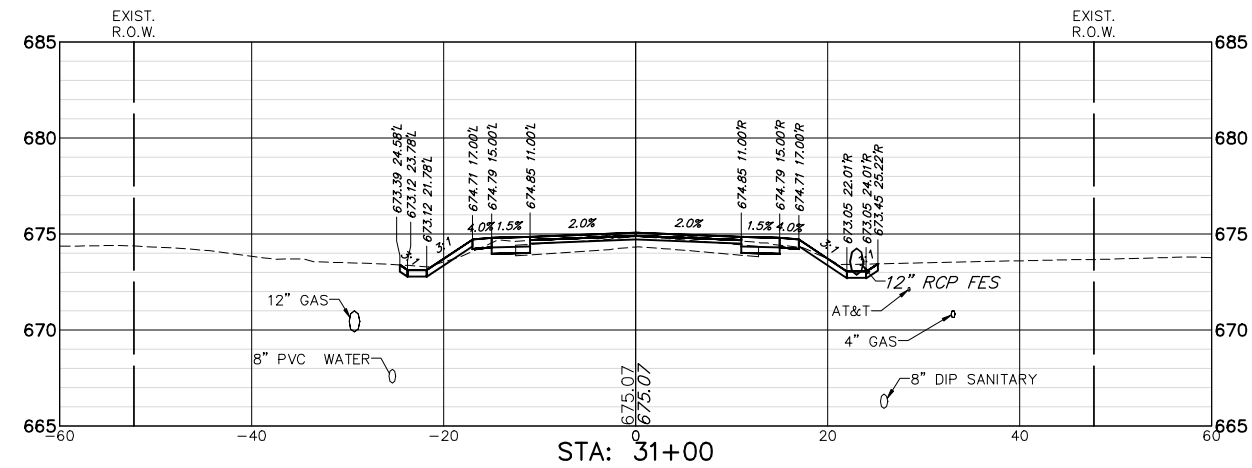
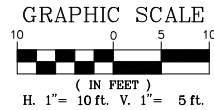
CUT: 9.69 SF
FILL: 0.31 SF



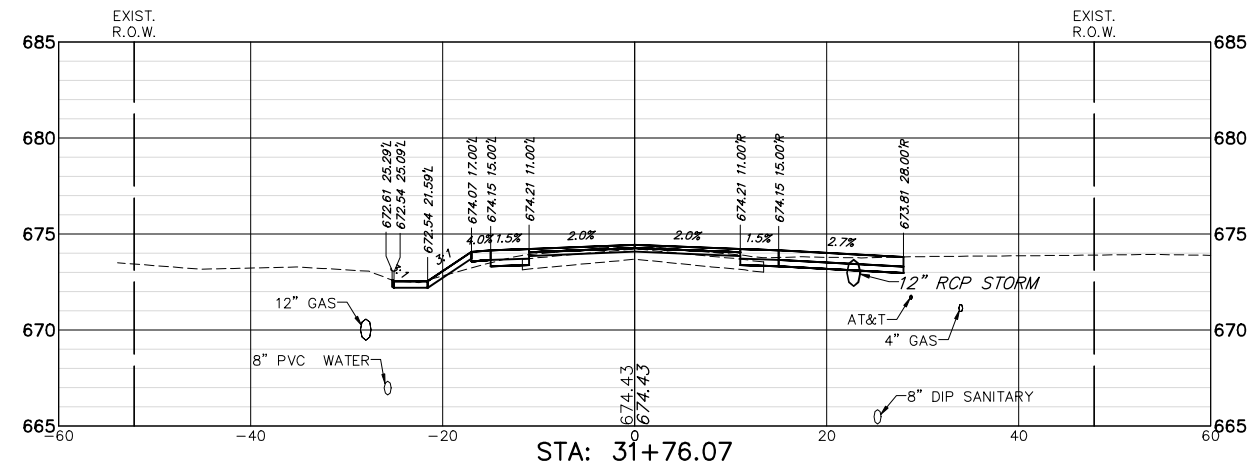
CUT: 8.51 SF
FILL: 0.05 SF



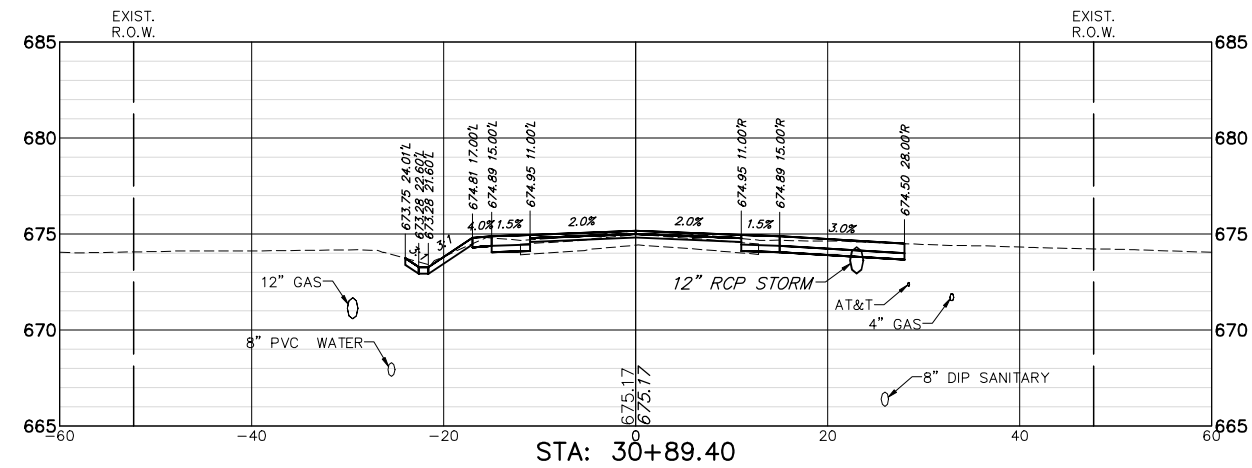
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD				FAU- RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -						2416	21-00020-00-RS	LAKE	110	88
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -		CONTRACT #:					61K96			
	PLOT DATE = 12/20/2024 11:46 AM	DATE - 12.23.2024	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: AS NOTED	SHEET NO. 12 OF 34 SHEETS	STA. 28+00.00 TO STA. 30+00.00						



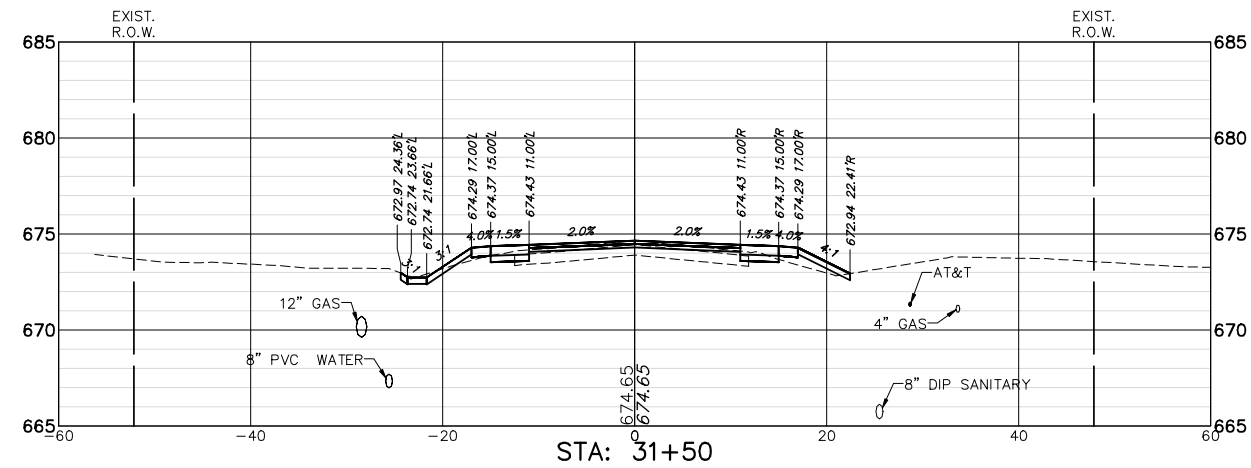
CUT: 8.91 SF
FILL: 0.33 SF



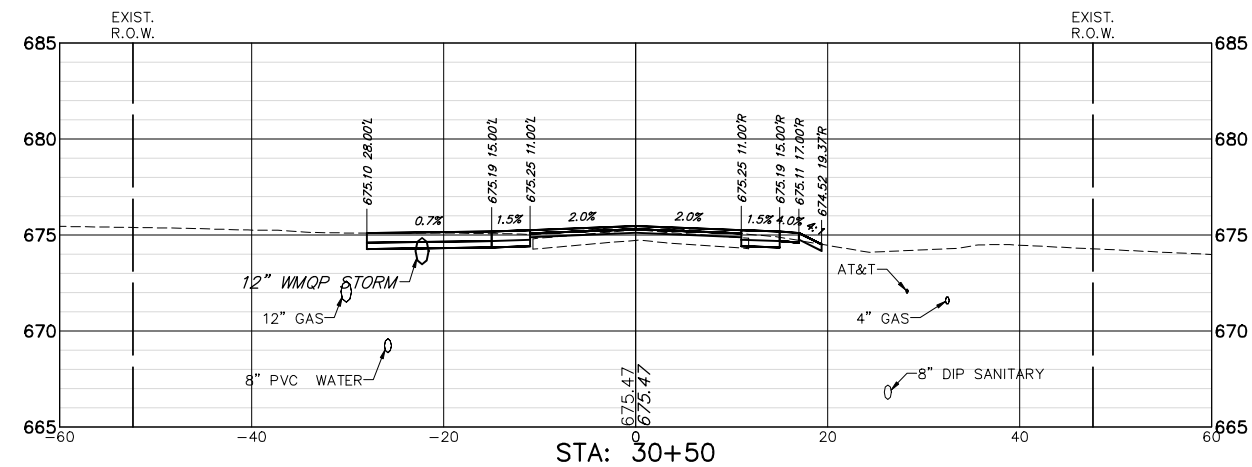
CUT: 11.80 SF
FILL: 1.07 SF



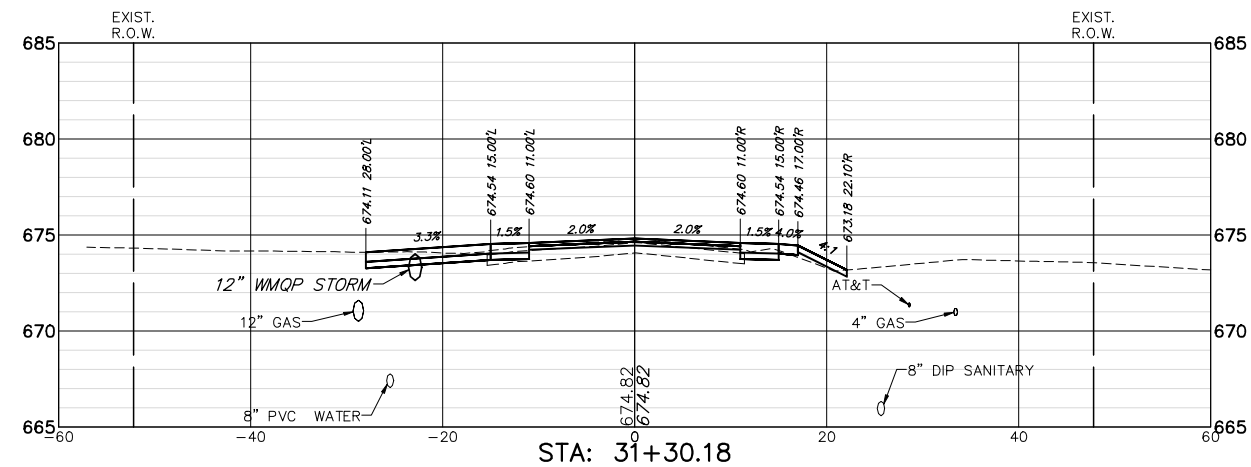
CUT: 16.19 SF
FILL: 0.00 SF



CUT: 4.30 SF
FILL: 2.37 SF

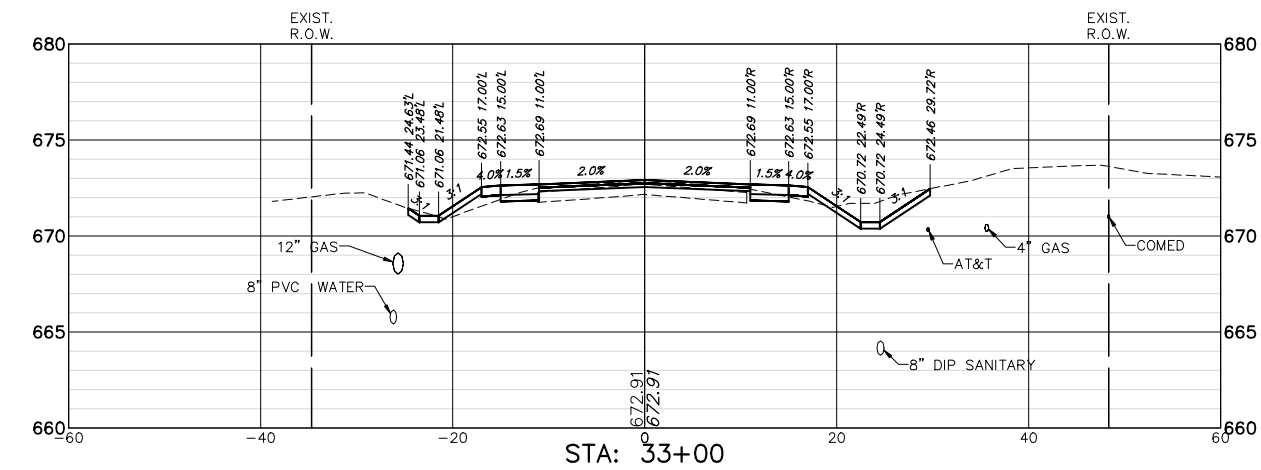


CUT: 15.47 SF
FILL: 0.03 SF

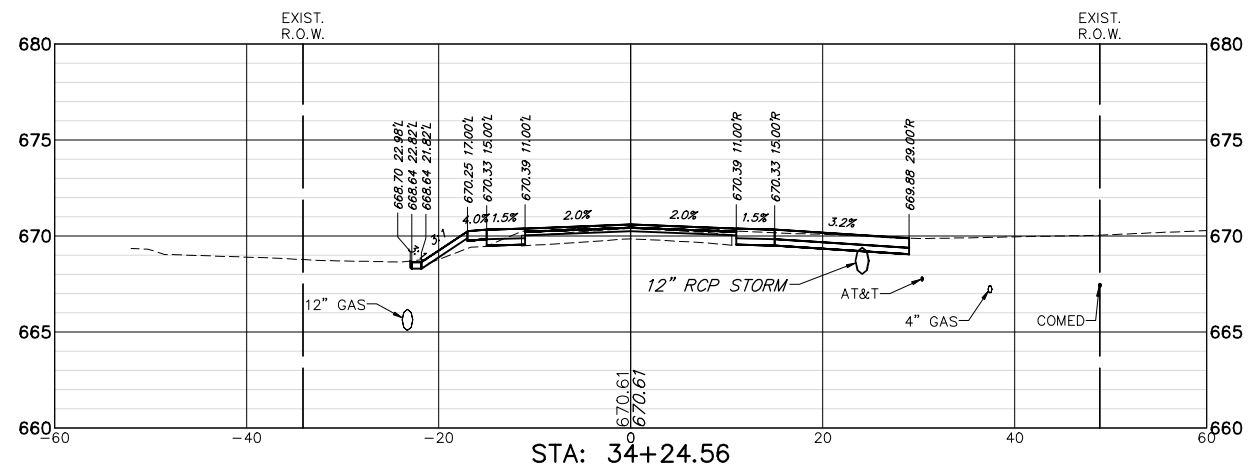


CUT: 9.81 SF
FILL: 0.64 SF

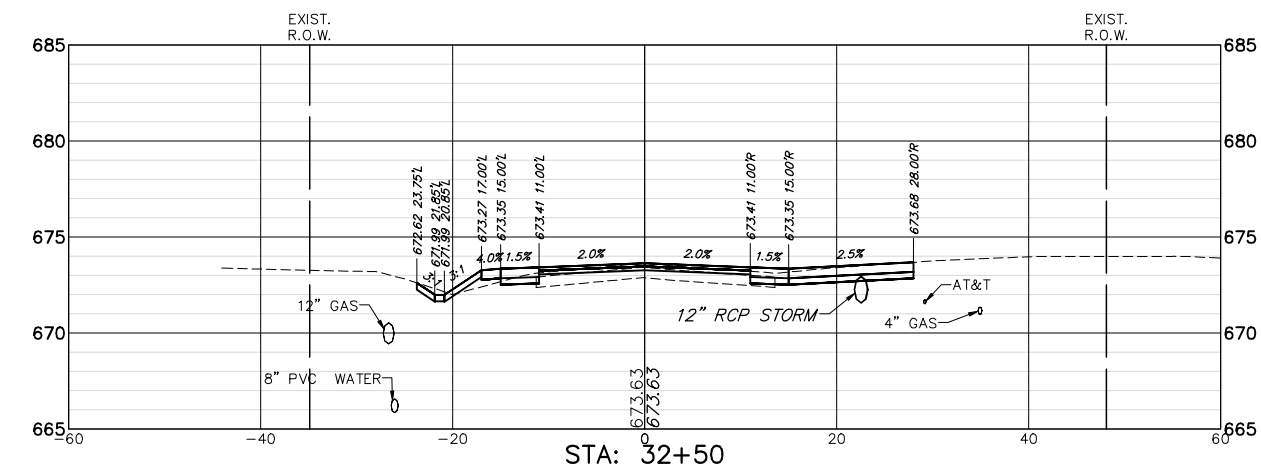
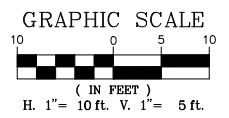
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD			FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	89
	PLOT DATE = 12/20/2024 11:47 AM	CHECKED - MGFC	REVISED -					CONTRACT # 61K96				
		DATE - 12.23.2024	REVISED -		SCALE AS NOTED	SHEET NO. 13 OF 34 SHEETS	STA 30+50.00 TO STA 31+76.07	ILLINOIS FED. AID PROJECT				



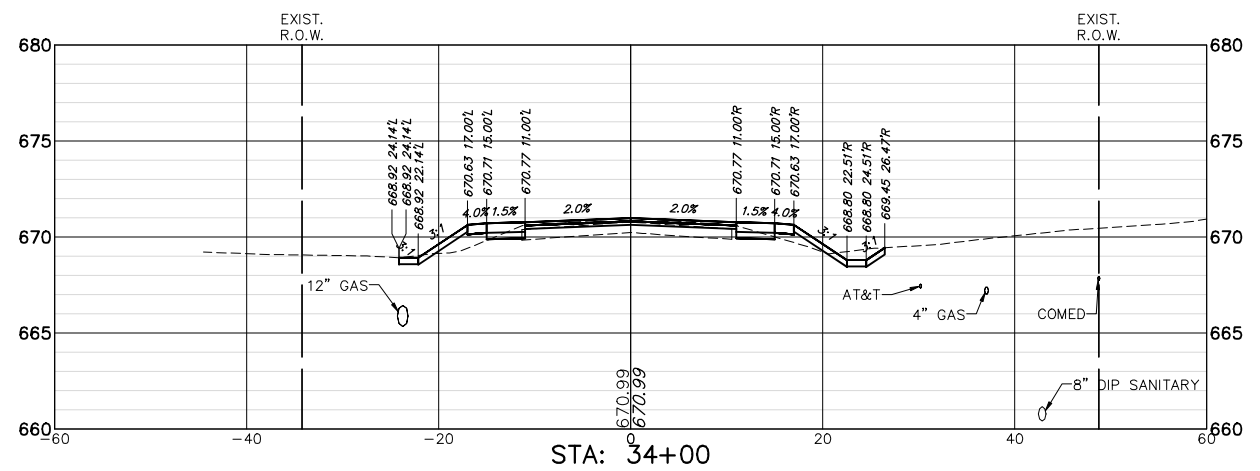
CUT: 14.57 SF
FILL: 2.76 SF



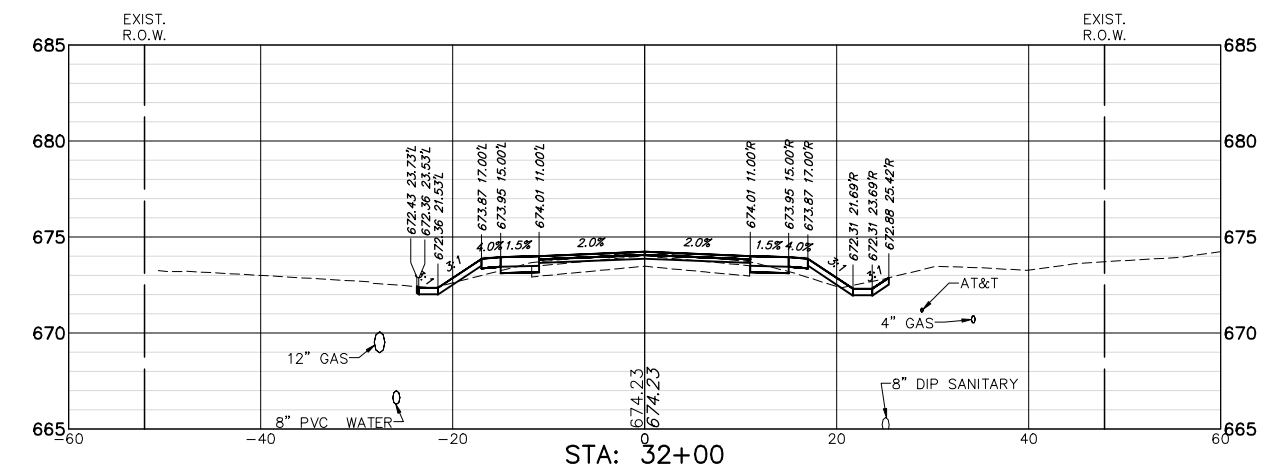
CUT: 15.32 SF
FILL: 1.75 SF



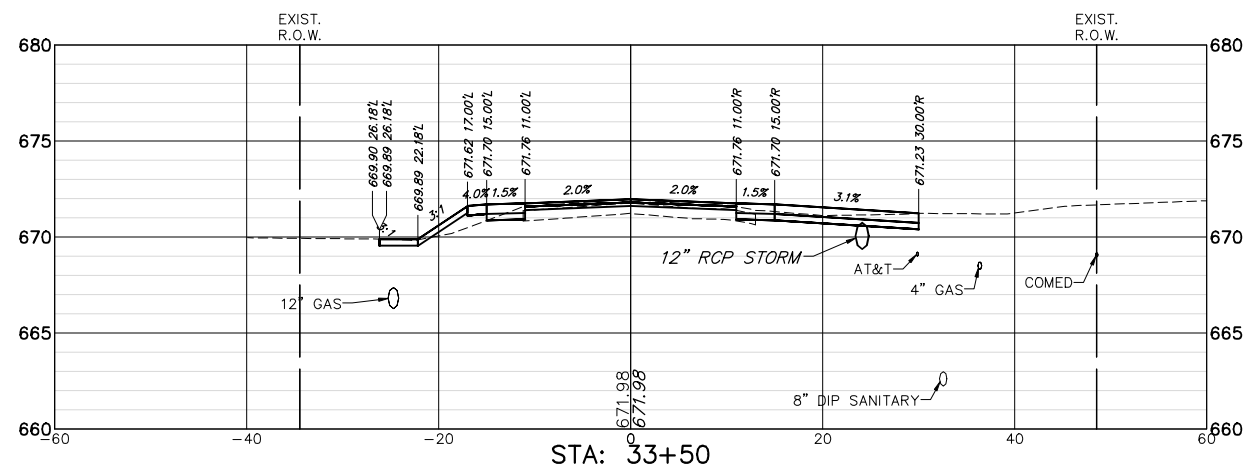
CUT: 14.10 SF
FILL: 1.20 SF



CUT: 7.61 SF
FILL: 4.36 SF

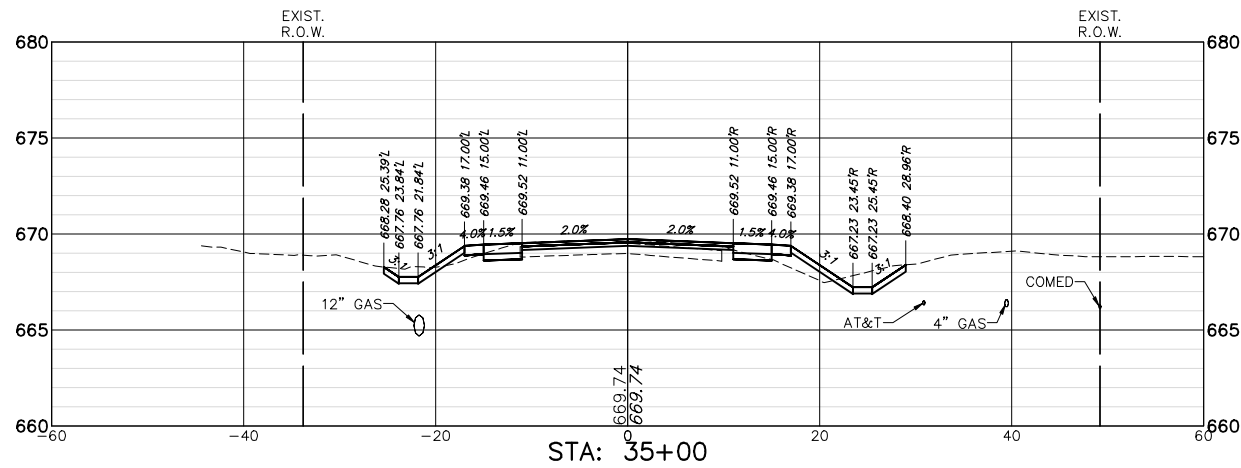
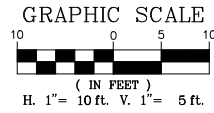


CUT: 5.96 SF
FILL: 3.05 SF

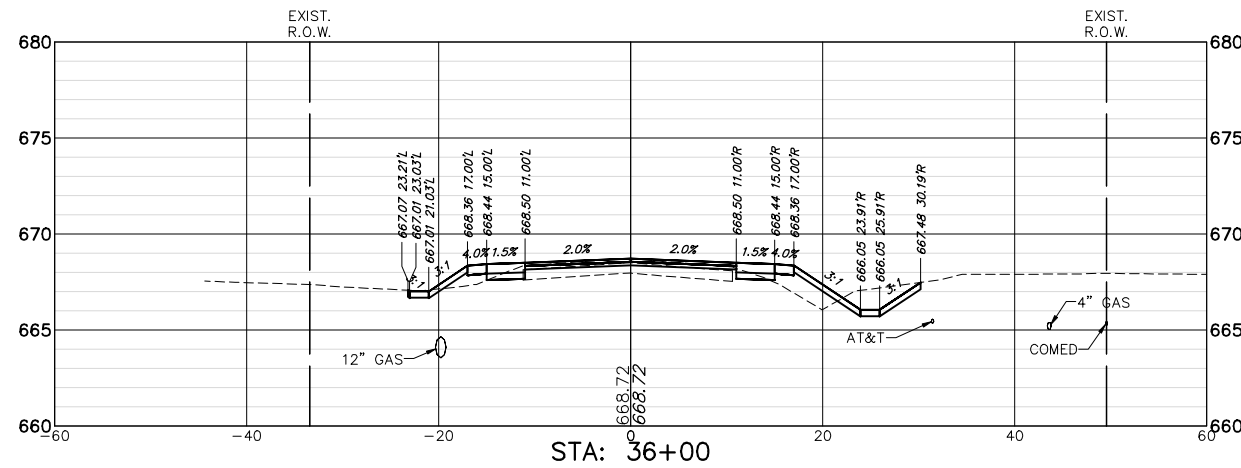


CUT: 11.94 SF
FILL: 2.62 SF

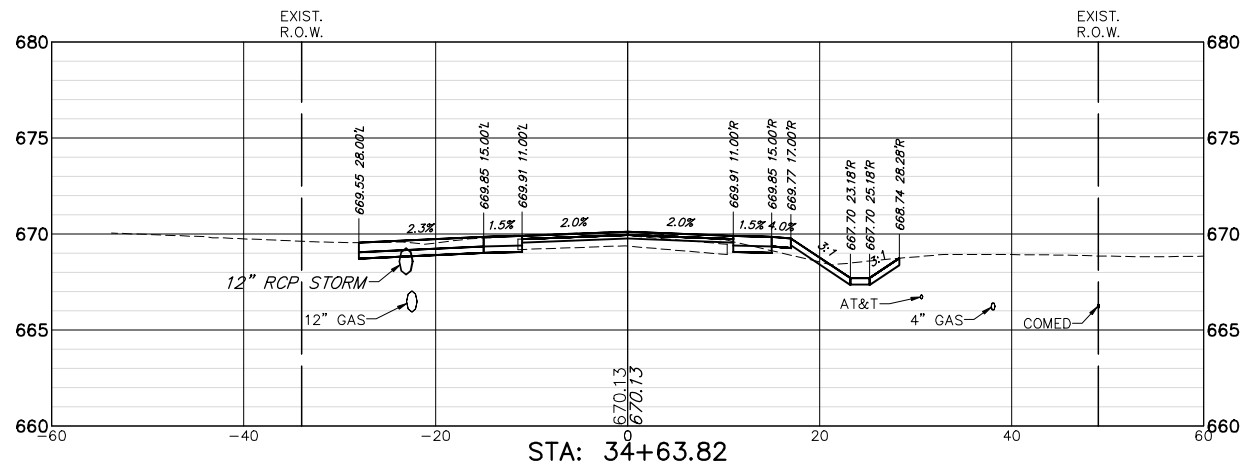
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD		FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - PJS	REVISED -				2416	21-00020-00-RS	LAKE	110	90
	PLOT DATE = 12/20/2024 11:47 AM	CHECKED - MGFC	REVISED -				CONTRACT # 61K96				
		DATE - 12.23.2024	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE AS NOTED		SHEET NO. 14 OF 34 SHEETS	STA 32+00.00 TO STA 34+24.56				



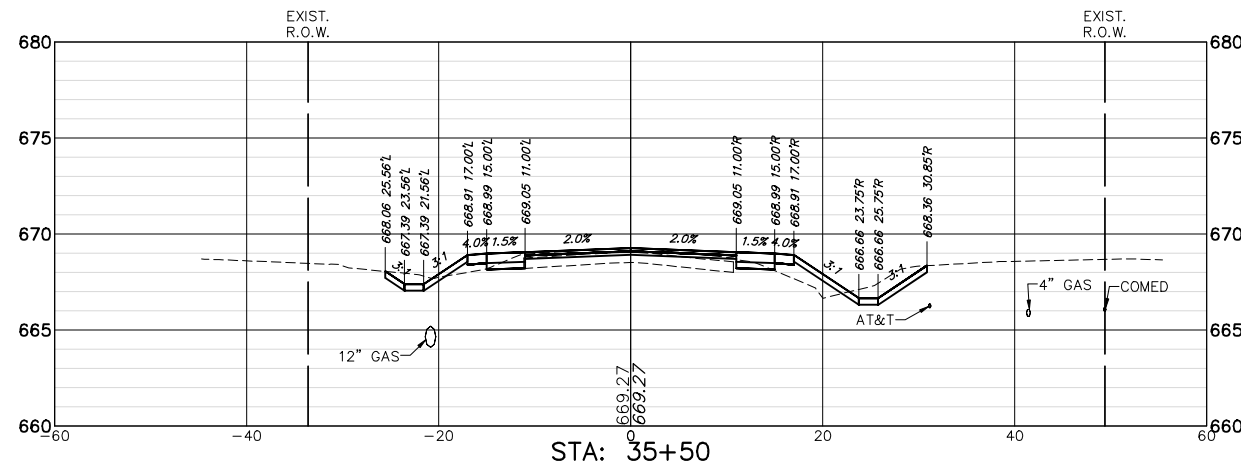
CUT: 12.96 SF
FILL: 3.95 SF



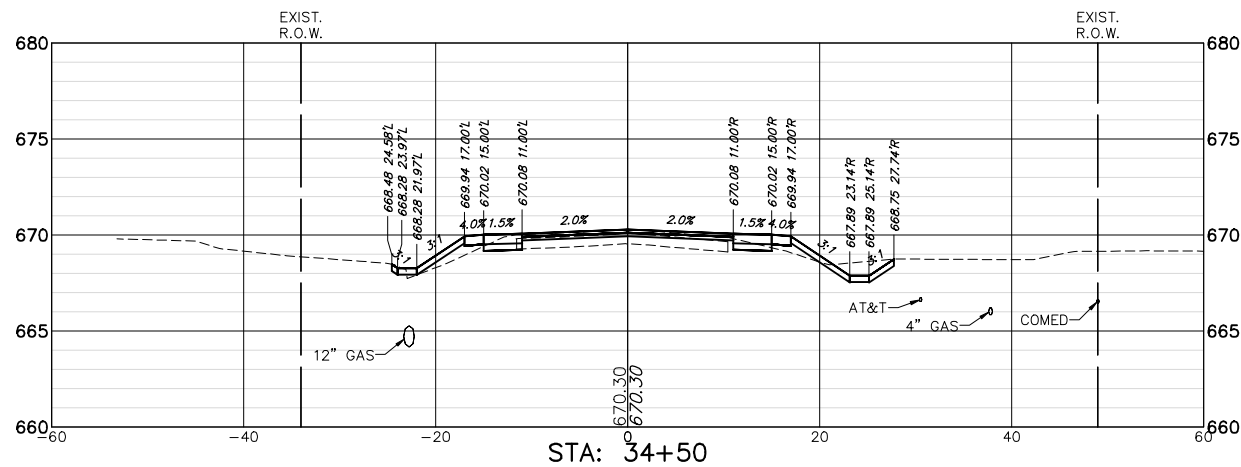
CUT: 11.92 SF
FILL: 7.08 SF



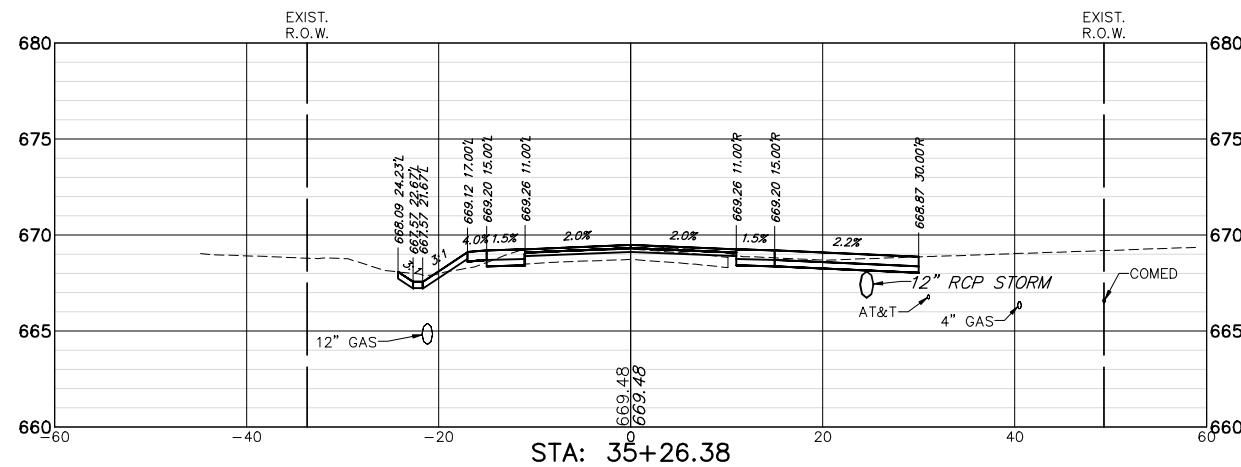
CUT: 20.34 SF
FILL: 1.27 SF



CUT: 13.51 SF
FILL: 5.69 SF



CUT: 9.51 SF
FILL: 3.65 SF



CUT: 15.16 SF
FILL: 1.09 SF

FILE NAME = 9770.609-XS.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - PJS

REVISED -

PLOT DATE = 12/20/2024 11:48 AM

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SAUNDERS ROAD

SCALE AS NOTED SHEET NO. 15 OF 34 SHEETS STA. 34+50.00 TO STA. 36+00.00

FAU.
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

2416

21-00020-00-RS

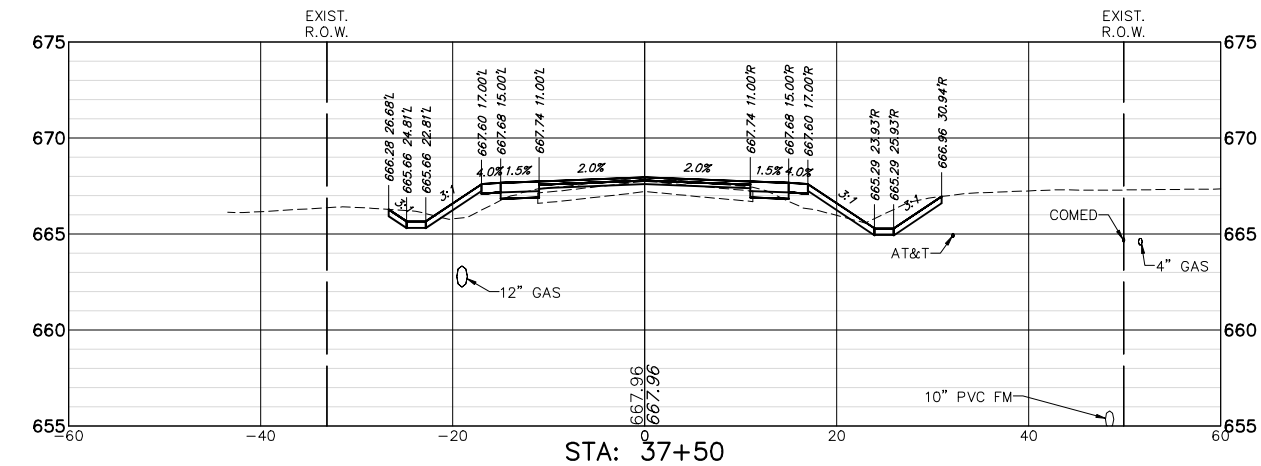
LAKE

110

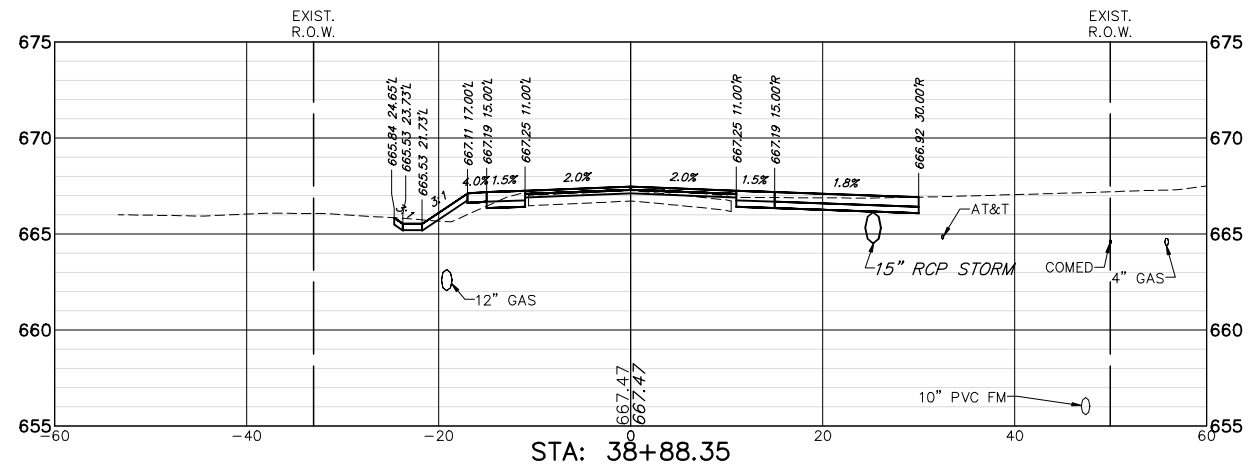
91

CONTRACT # 61K96

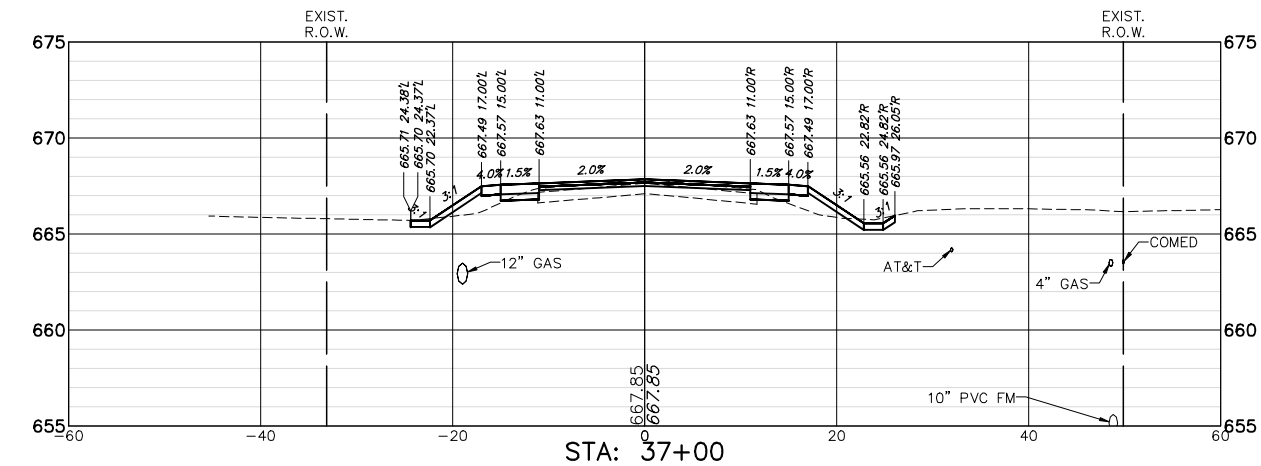
ILLINOIS FED. AID PROJECT



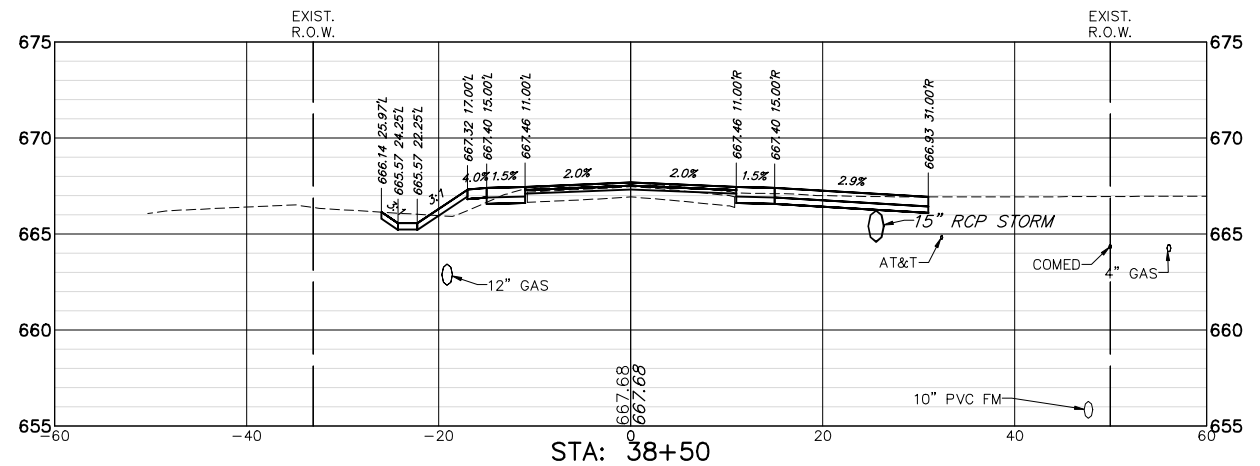
CUT: 13.01 SF
FILL: 7.27 SF



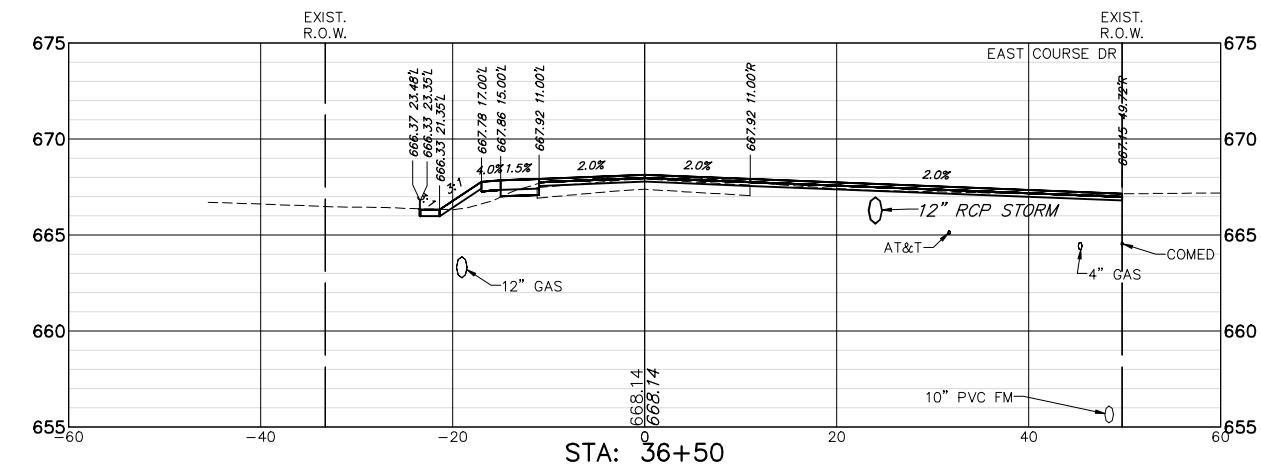
CUT: 15.96 SF
FILL: 2.47 SF



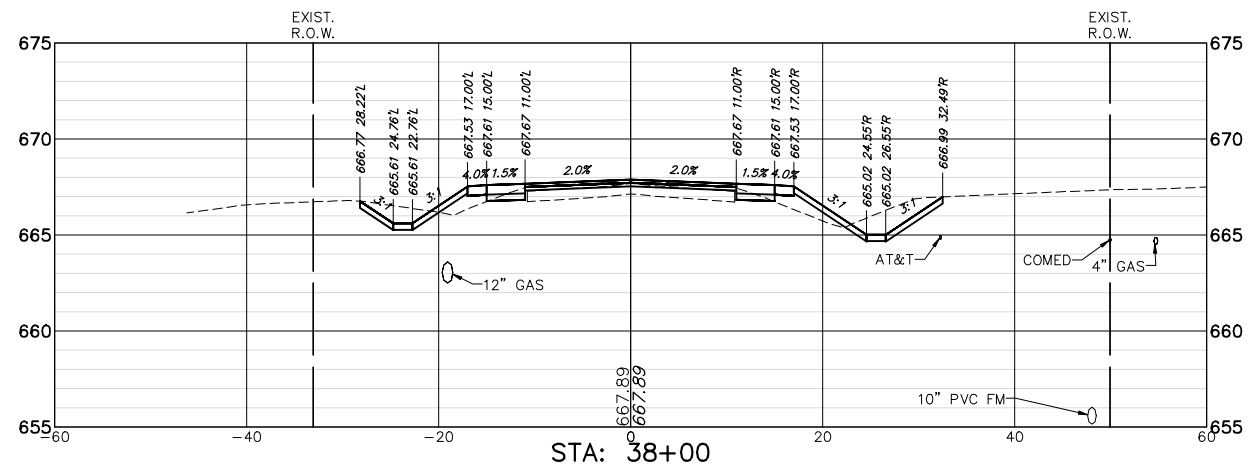
CUT: 4.96 SF
FILL: 6.67 SF



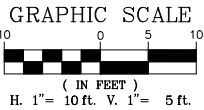
CUT: 18.08 SF
FILL: 2.24 SF



CUT: 2.77 SF
FILL: 5.50 SF



CUT: 20.03 SF
FILL: 6.29 SF



FILE NAME = 9770.609-XS.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - PJS

REVISED -

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SAUNDERS ROAD

SCALE AS NOTED

SHEET NO. 16 OF 34 SHEETS

STA 36+50.00 TO STA 38+88.35

FAU. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

2416

21-00020-00-RS

LAKE

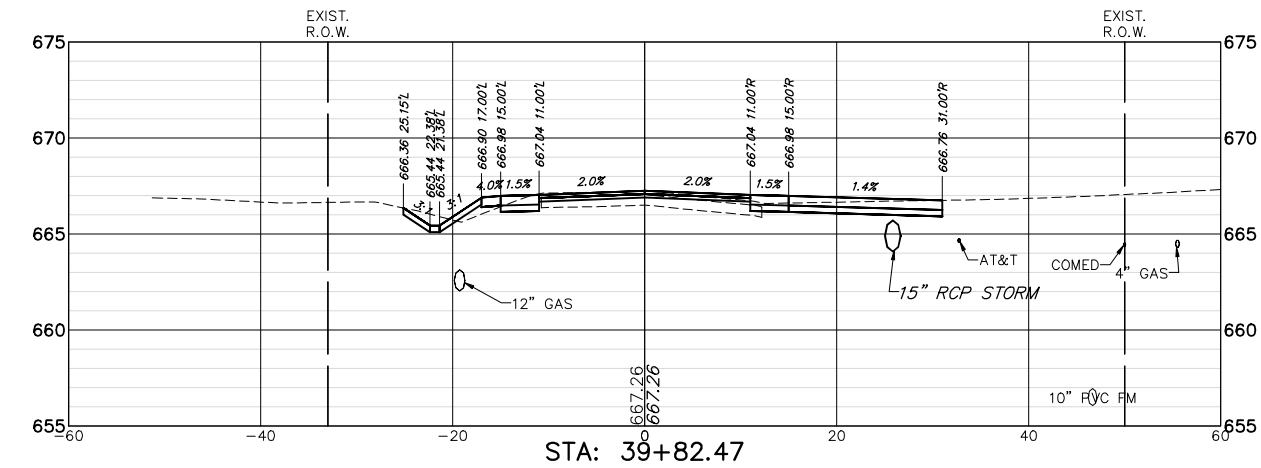
110

92

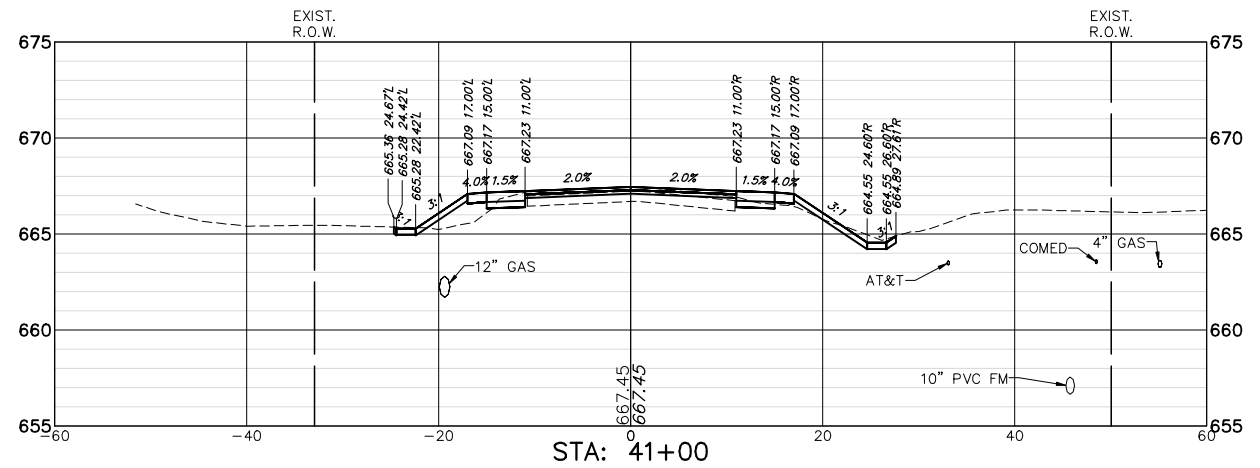
CONTRACT #:

61K96

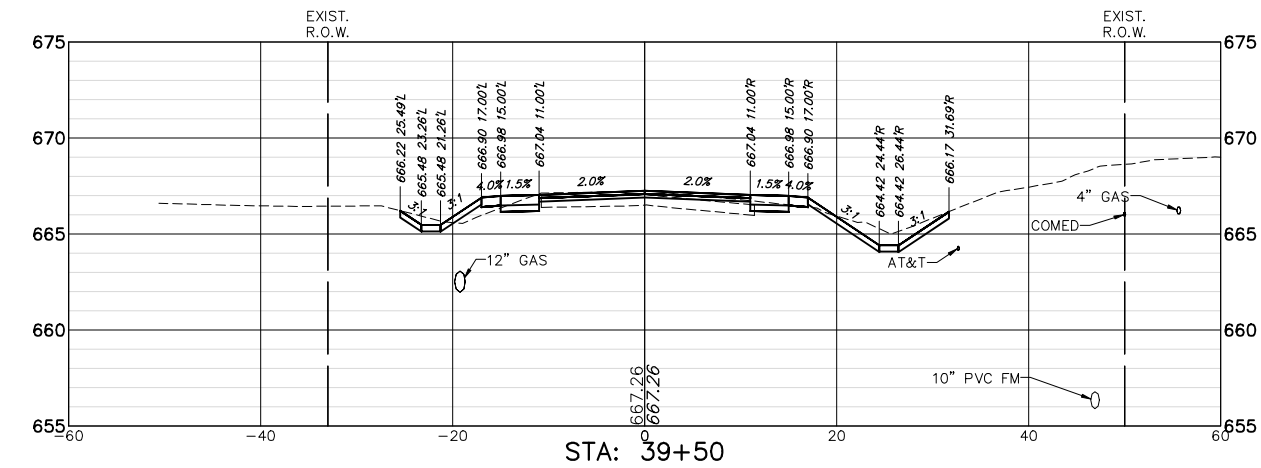
ILLINOIS FED. AID PROJECT



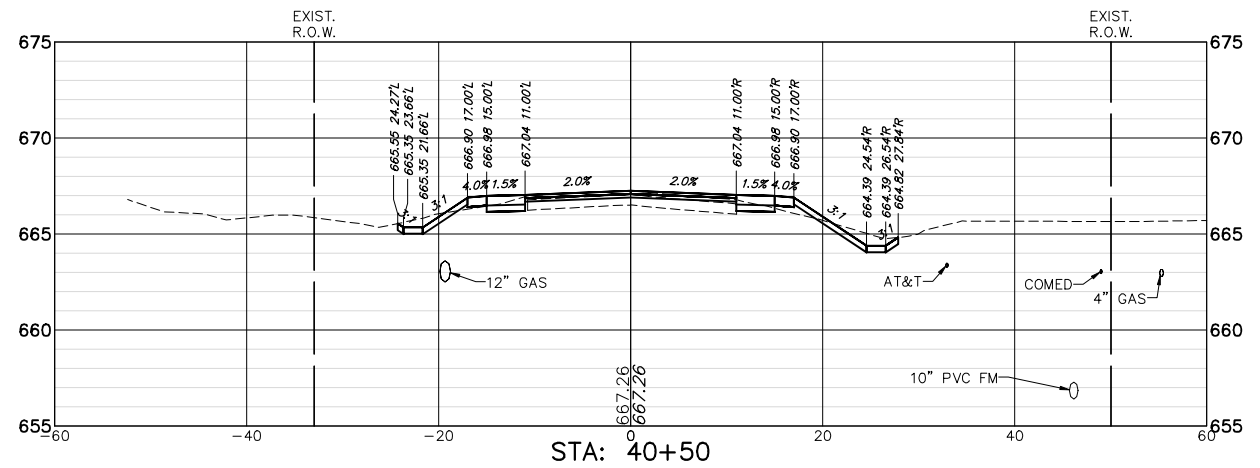
CUT: 17.65 SF
FILL: 1.26 SF



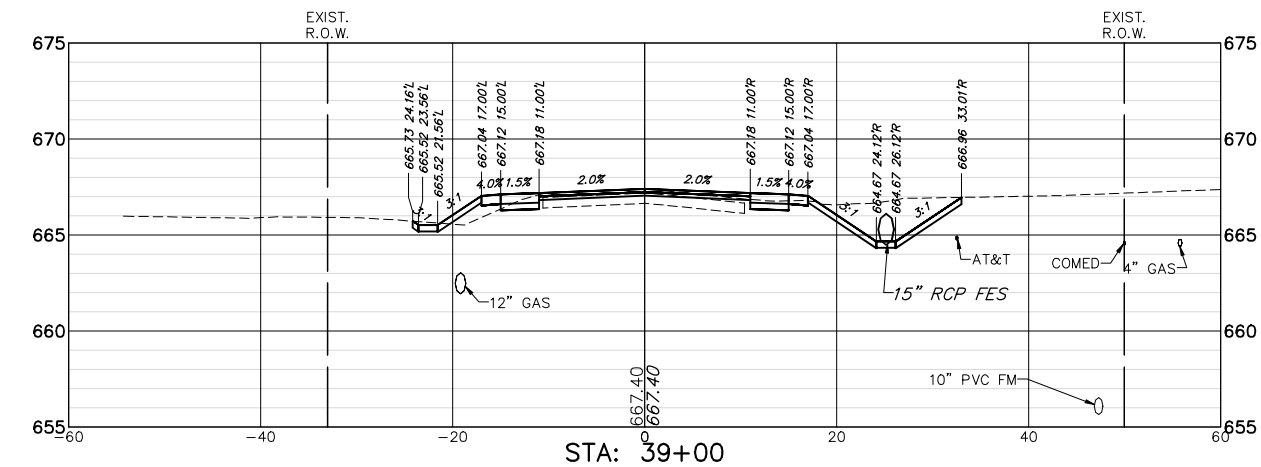
CUT: 7.74 SF
FILL: 5.27 SF



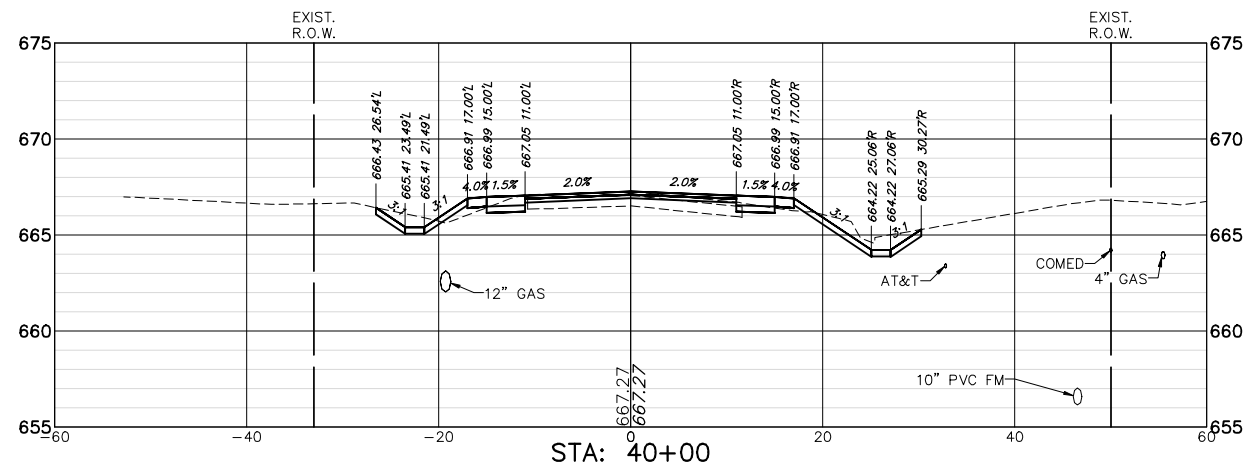
CUT: 16.81 SF
FILL: 1.61 SF



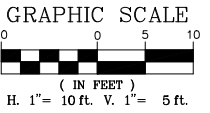
CUT: 11.92 SF
FILL: 1.28 SF



CUT: 28.68 SF
FILL: 2.63 SF



CUT: 17.42 SF
FILL: 1.63 SF



FILE NAME = 9770.609-XS.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - PJS

REVISED -

PLOT DATE = 12/20/2024 11:49 AM

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SAUNDERS ROAD

SCALE AS NOTED

SHEET NO. 17 OF 34 SHEETS

STA. 39+00.00 TO STA. 41+00.00

FAU.
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

2416

21-00020-00-RS

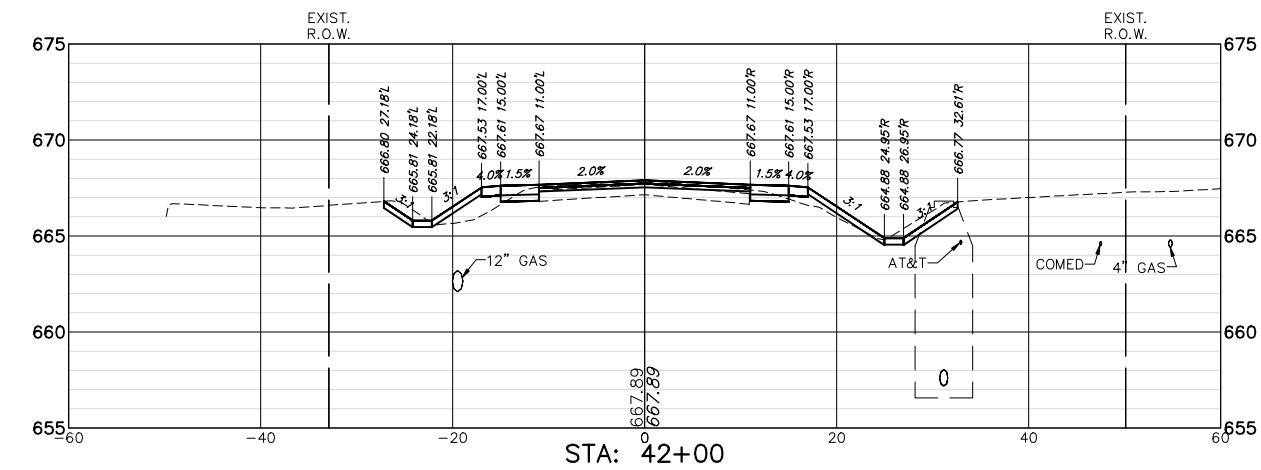
LAKE

110

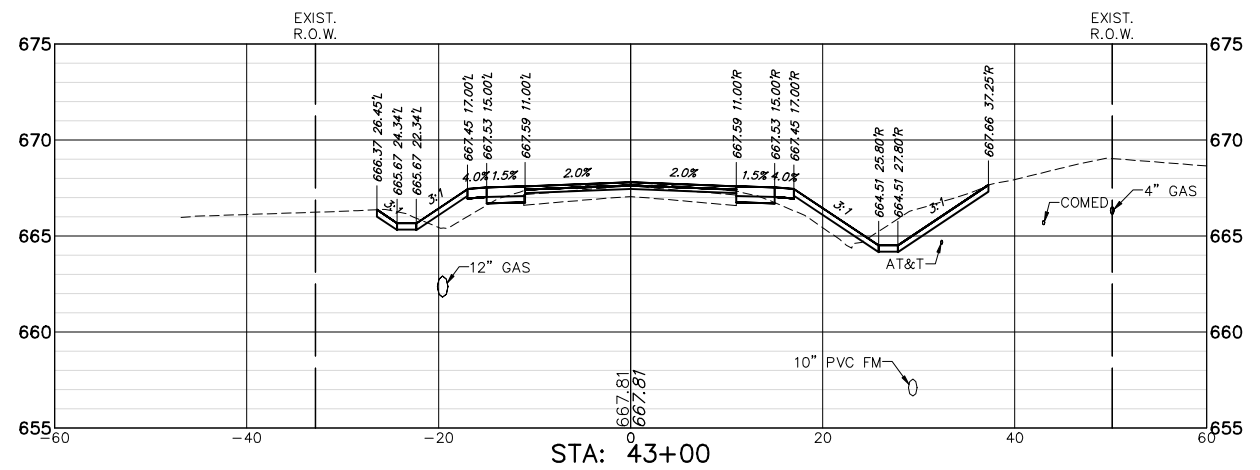
93

CONTRACT # 61K96

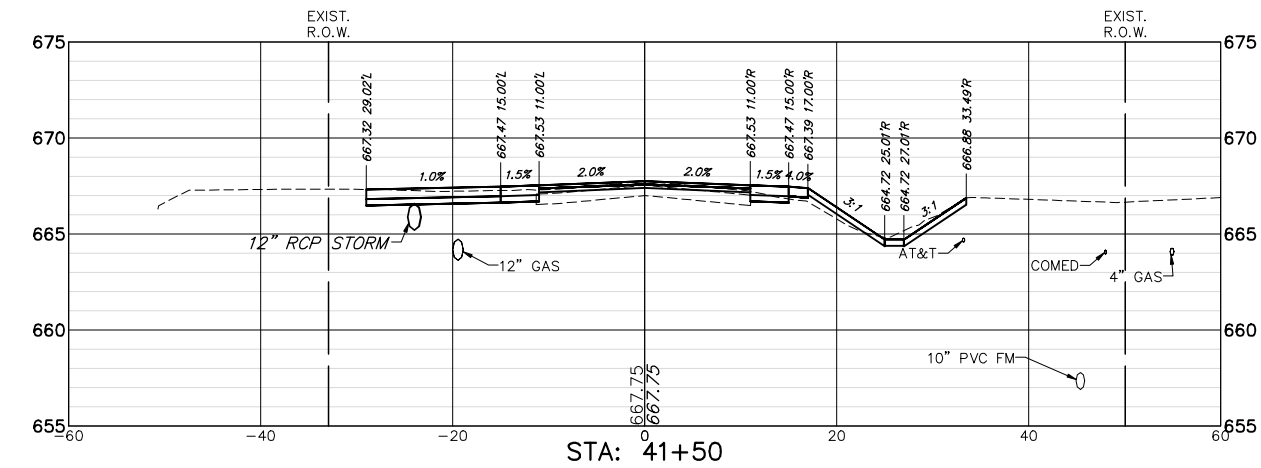
ILLINOIS FED. AID PROJECT



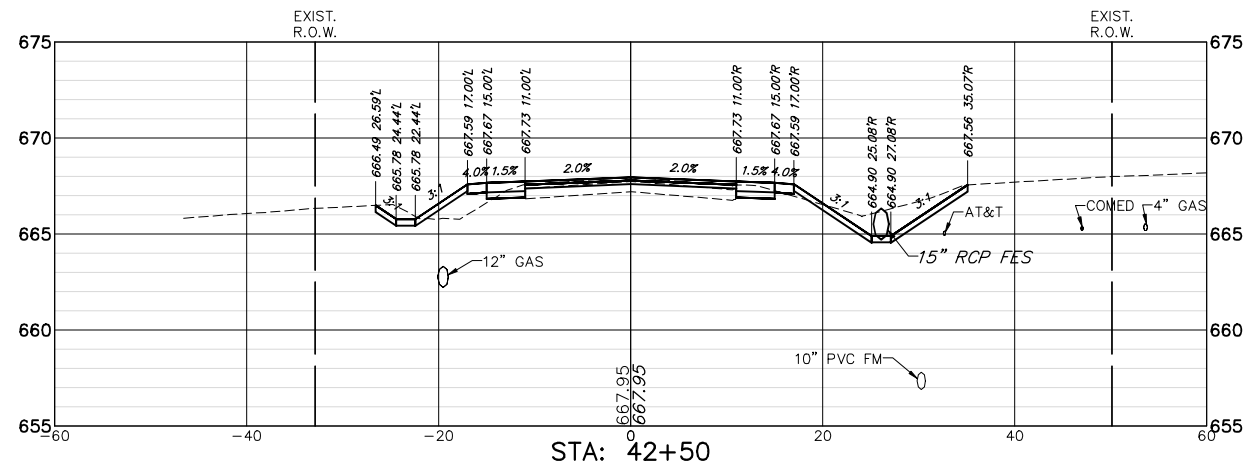
CUT: 12.02 SF
FILL: 6.50 SF



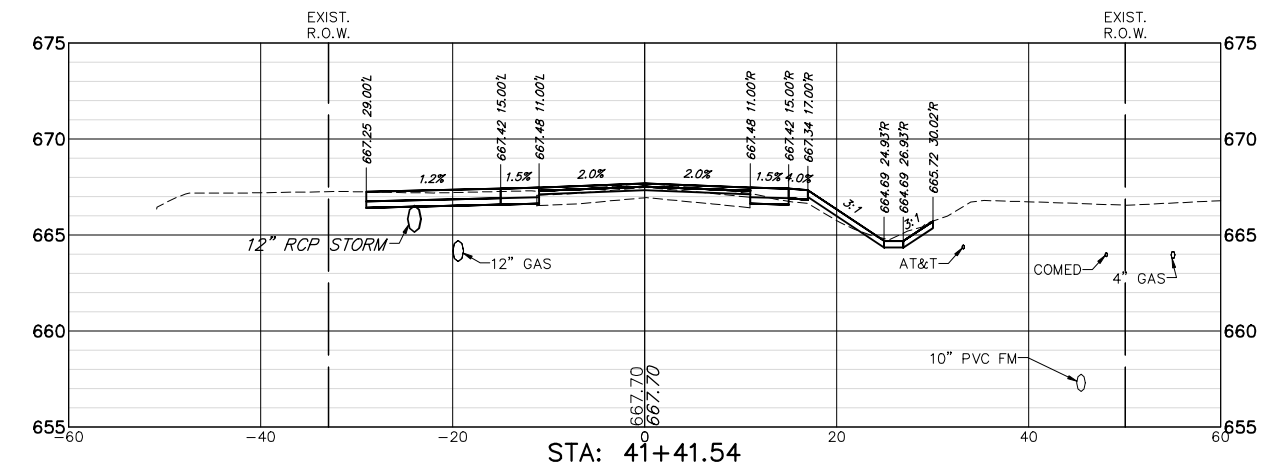
CUT: 19.79 SF
FILL: 10.09 SF



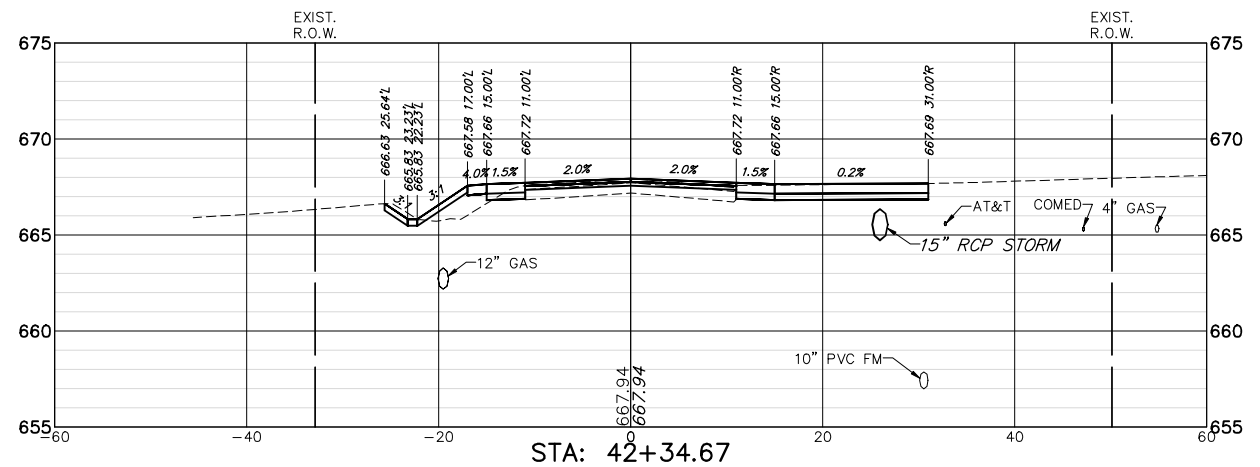
CUT: 18.55 SF
FILL: 1.73 SF



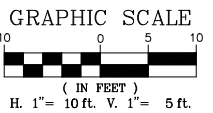
CUT: 22.82 SF
FILL: 5.00 SF



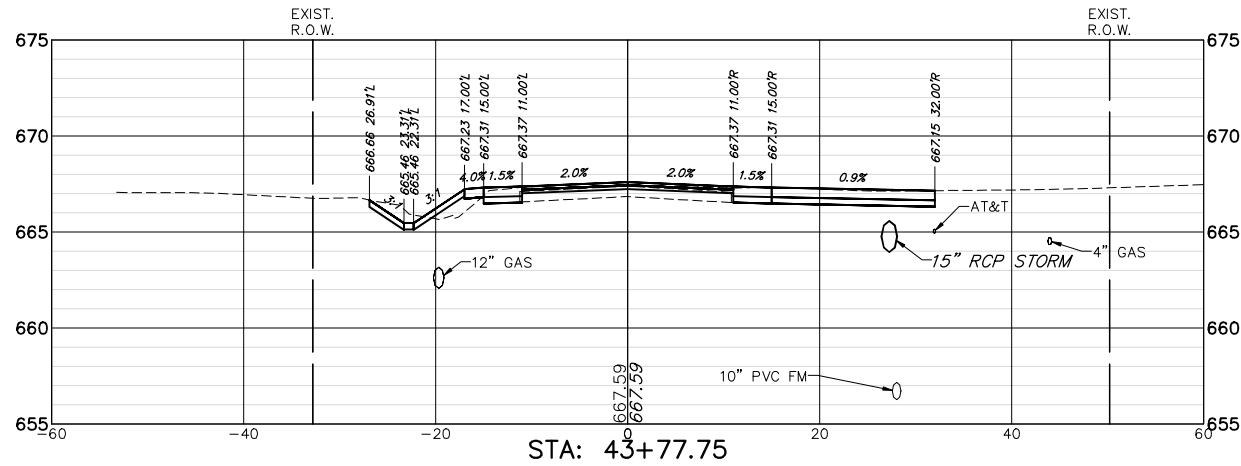
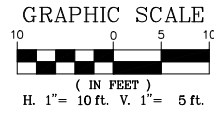
CUT: 17.47 SF
FILL: 1.49 SF



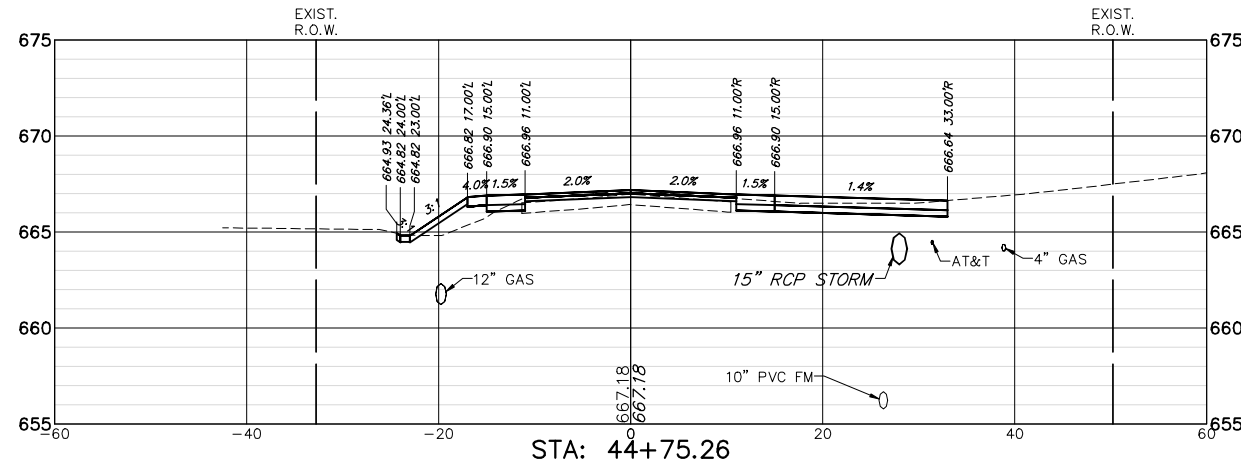
CUT: 19.48 SF
FILL: 4.58 SF



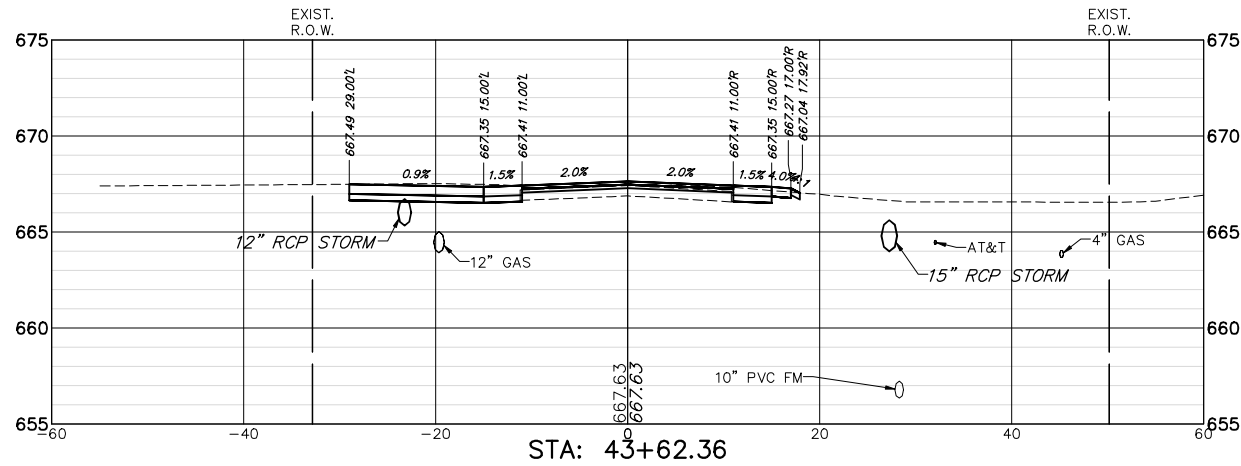
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD			FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	94
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -		CONTRACT #: 61K96							
	PLOT DATE = 12/20/2024 11:49 AM	DATE - 12.23.2024	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE AS NOTED	SHEET NO. 18 OF 34 SHEETS	STA. 41+41.54 TO STA. 43+00.00					



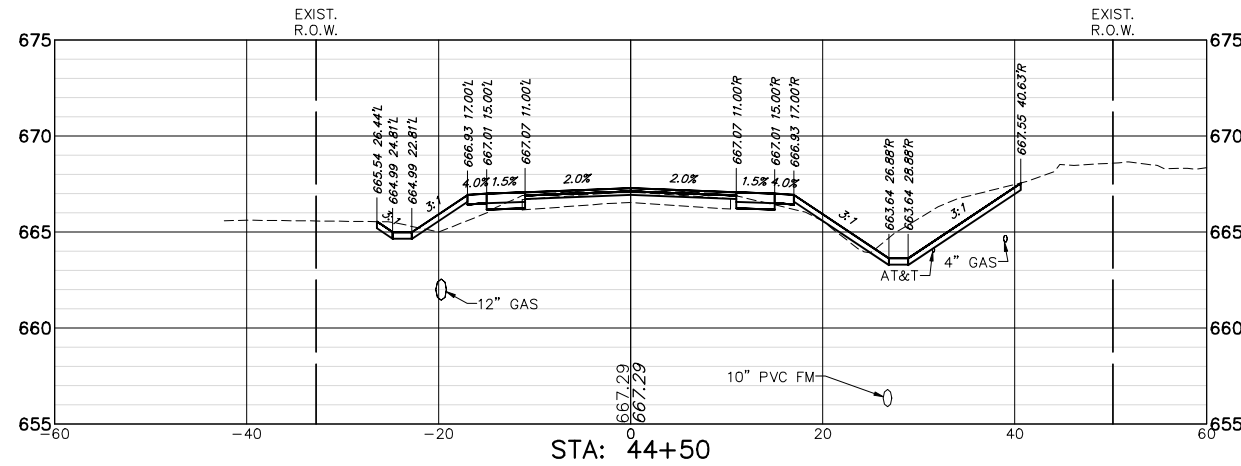
CUT: 23.65 SF
FILL: 2.50 SF



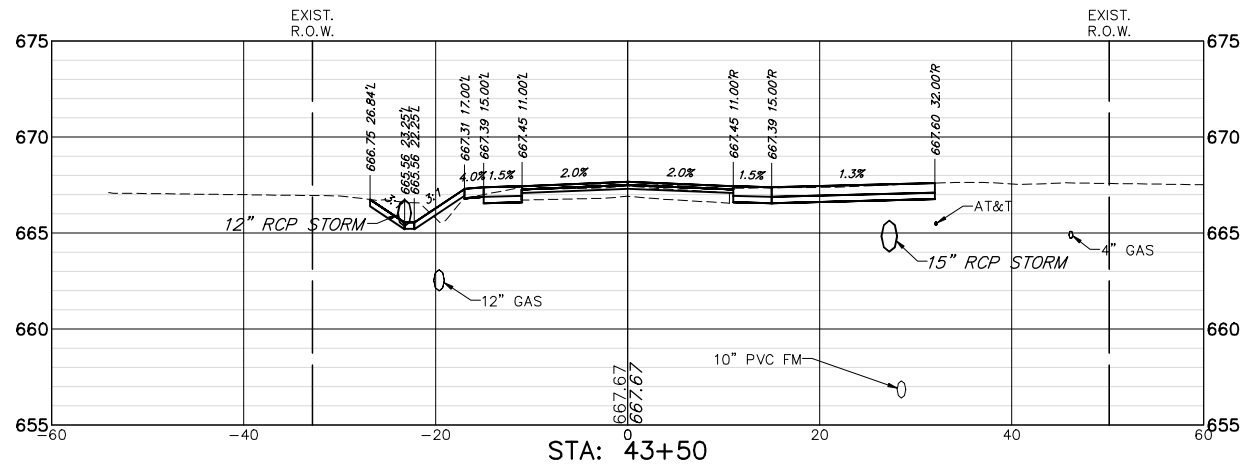
CUT: 14.58 SF
FILL: 5.09 SF



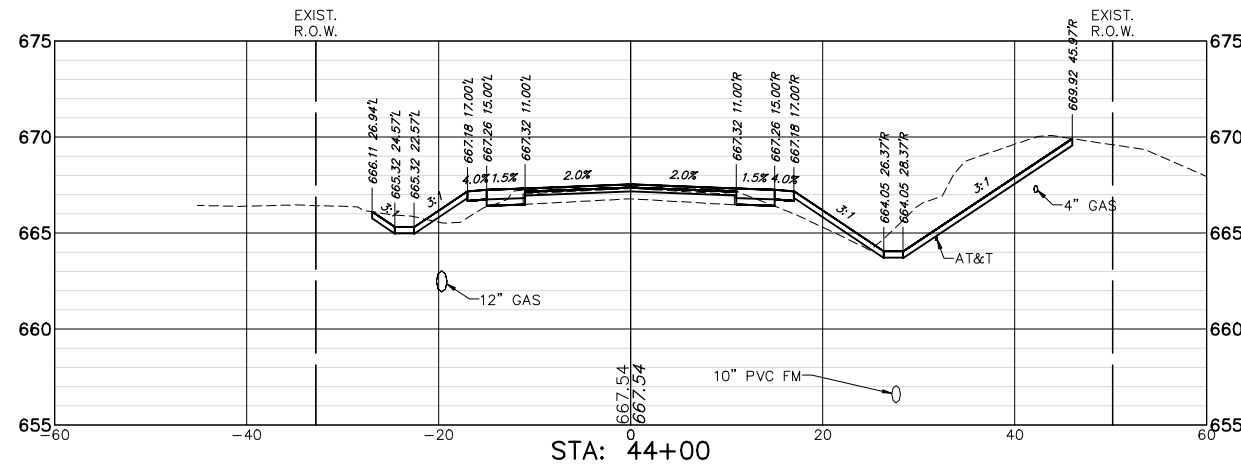
CUT: 19.93 SF
FILL: 0.00 SF



CUT: 27.67 SF
FILL: 5.55 SF

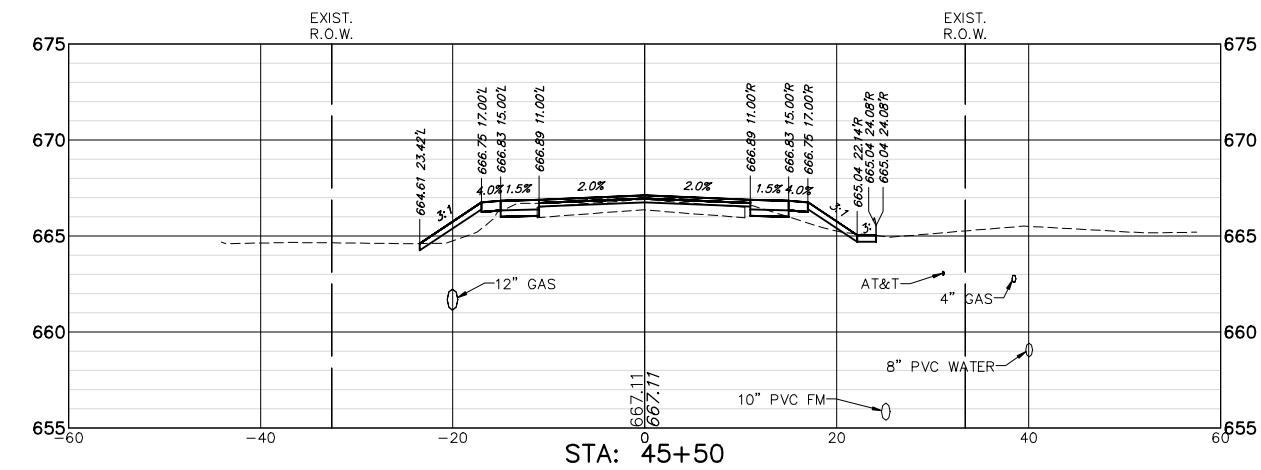


CUT: 25.21 SF
FILL: 1.29 SF

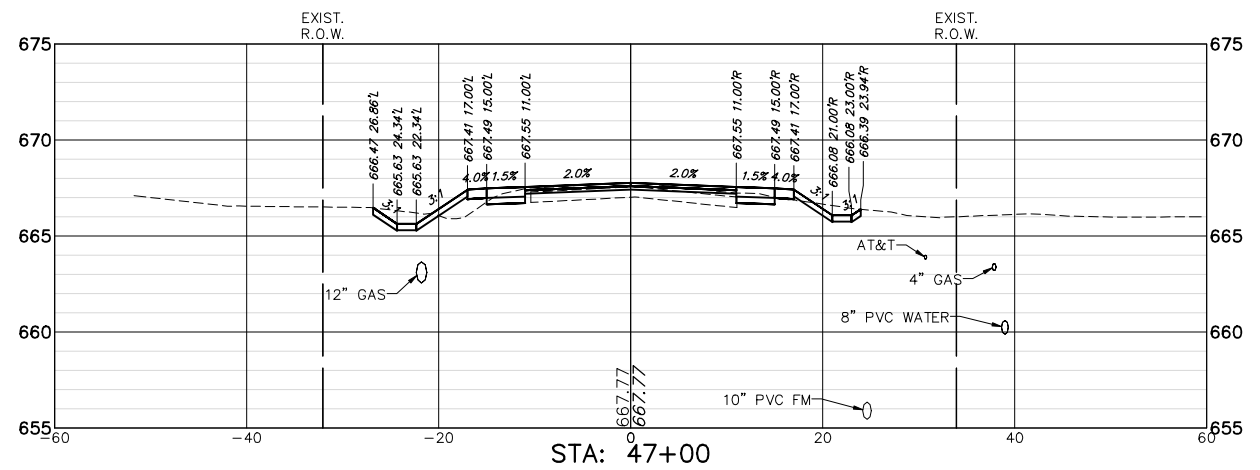


CUT: 45.96 SF
FILL: 7.98 SF

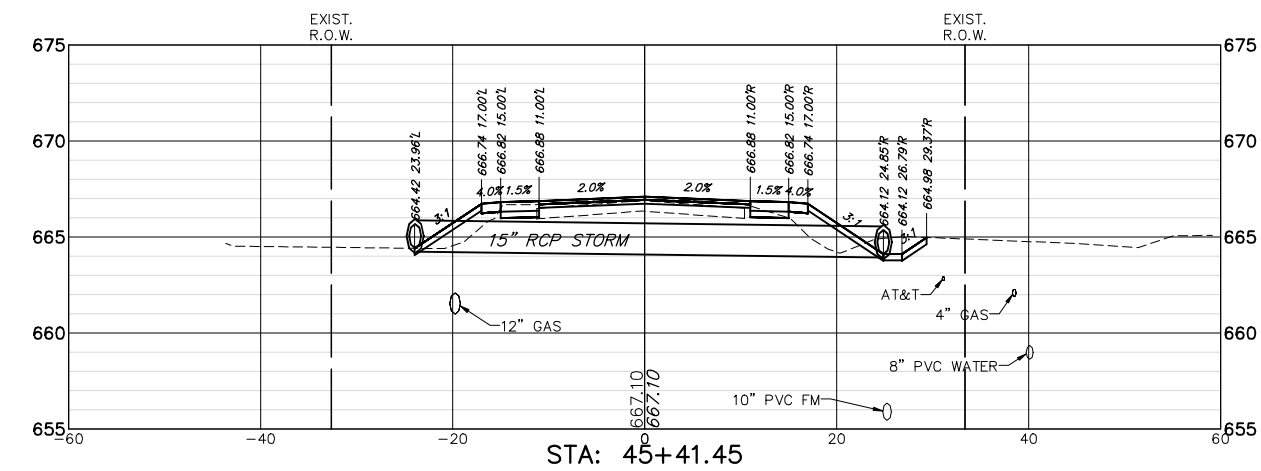
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD			FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	95	
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -					CONTRACT #:					61K96
	PLOT DATE = 12/20/2024 11:49 AM	DATE - 12.23.2024	REVISED -					ILLINOIS FED. AID PROJECT					
SCALE AS NOTED			SHEET NO. 19 OF 34 SHEETS			STA: 43+50.00 TO STA: 44+75.26							



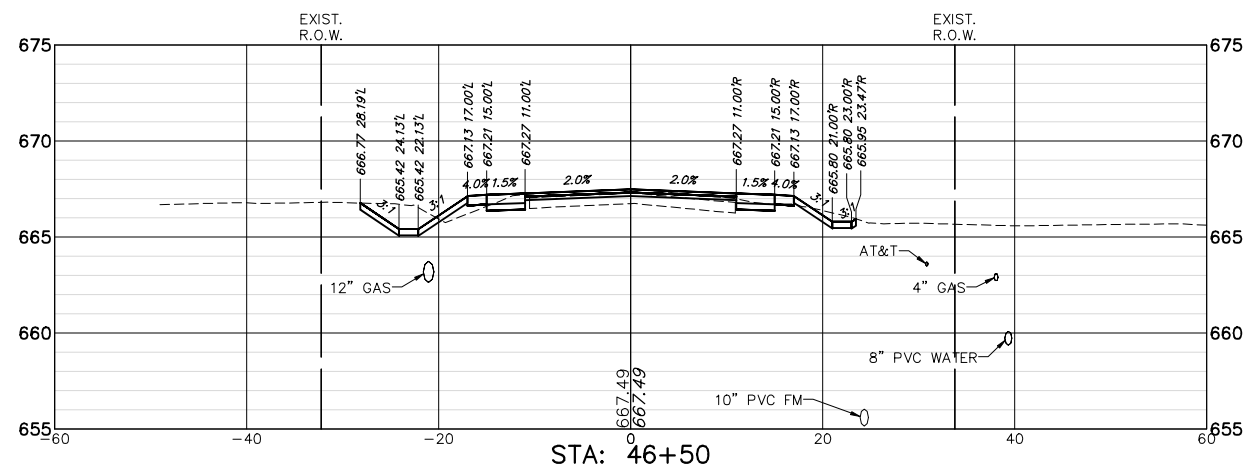
CUT: 4.56 SF
FILL: 6.75 SF



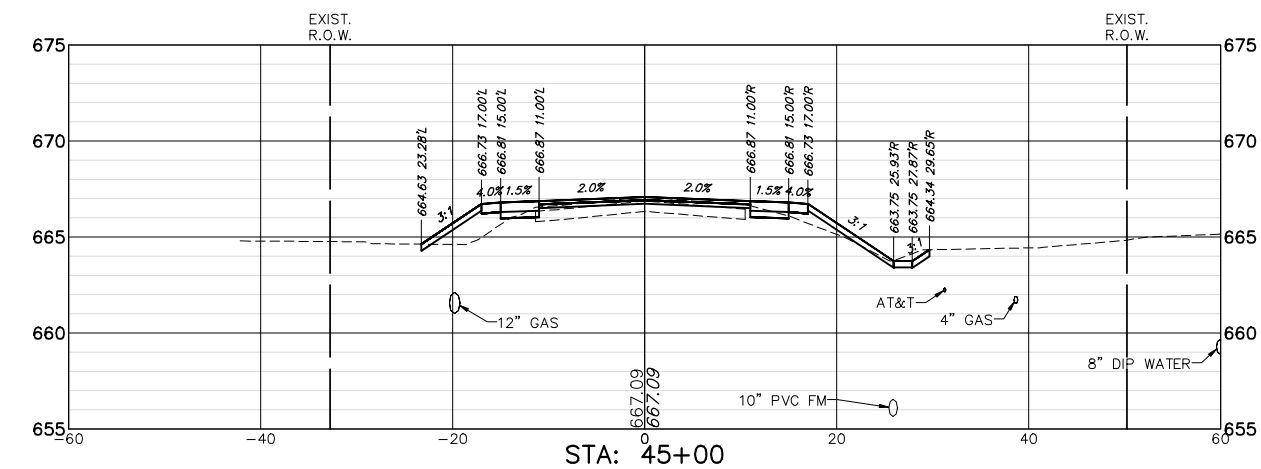
CUT: 12.32 SF
FILL: 3.02 SF



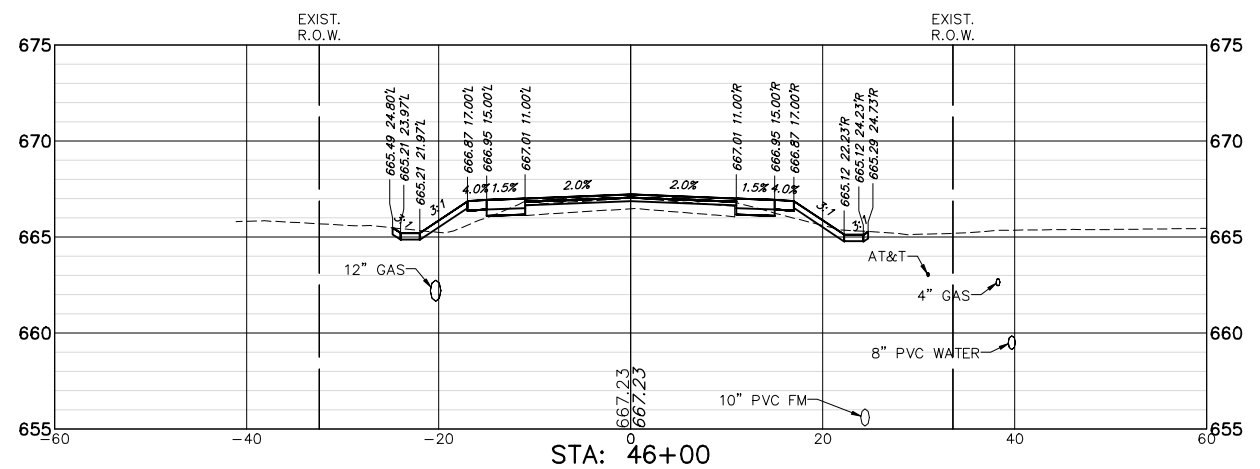
CUT: 9.09 SF
FILL: 11.86 SF



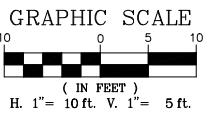
CUT: 16.09 SF
FILL: 1.56 SF



CUT: 4.83 SF
FILL: 8.72 SF



CUT: 6.46 SF
FILL: 4.53 SF



FILE NAME = 9770.609-XS.dwg

USER NAME = DOMINIC OLESIAK

DESIGNED - MGFC

REVISED -

DRAWN - PJS

REVISED -

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SAUNDERS ROAD

SCALE AS NOTED

SHEET NO. 20 OF 34 SHEETS

STA. 45+00.00 TO STA. 47+00.00

FAU.
RTE.

2416

SECTION

21-00020-00-RS

COUNTY

LAKE

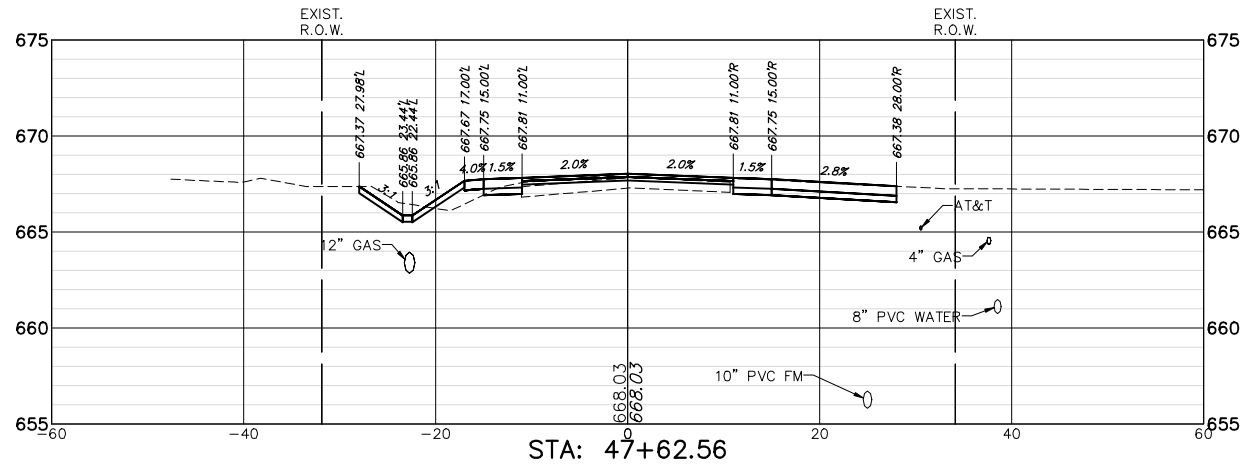
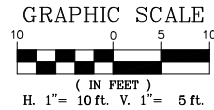
TOTAL
SHEETS

110

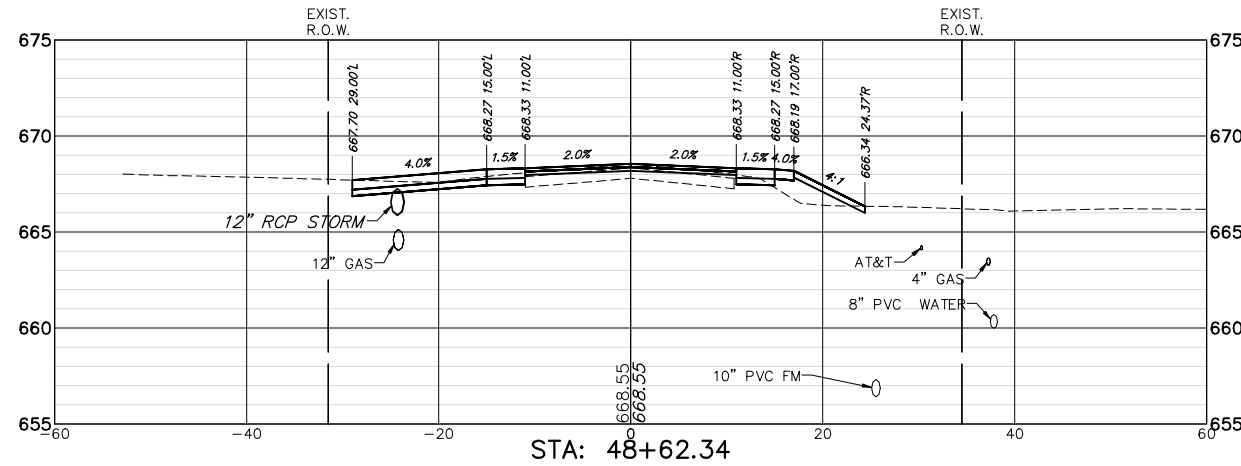
SHEET
NO.

61K96

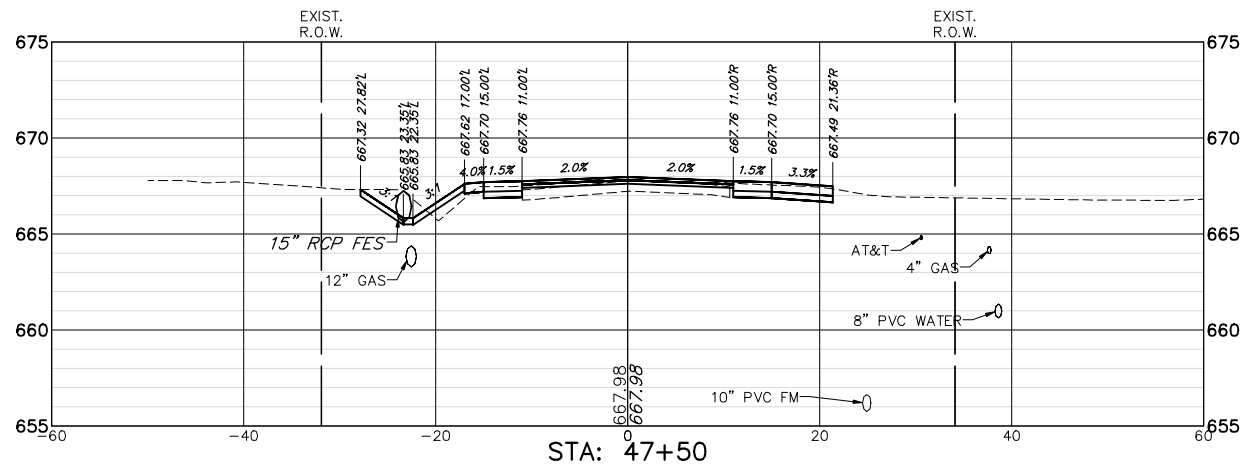
ILLINOIS FED. AID PROJECT



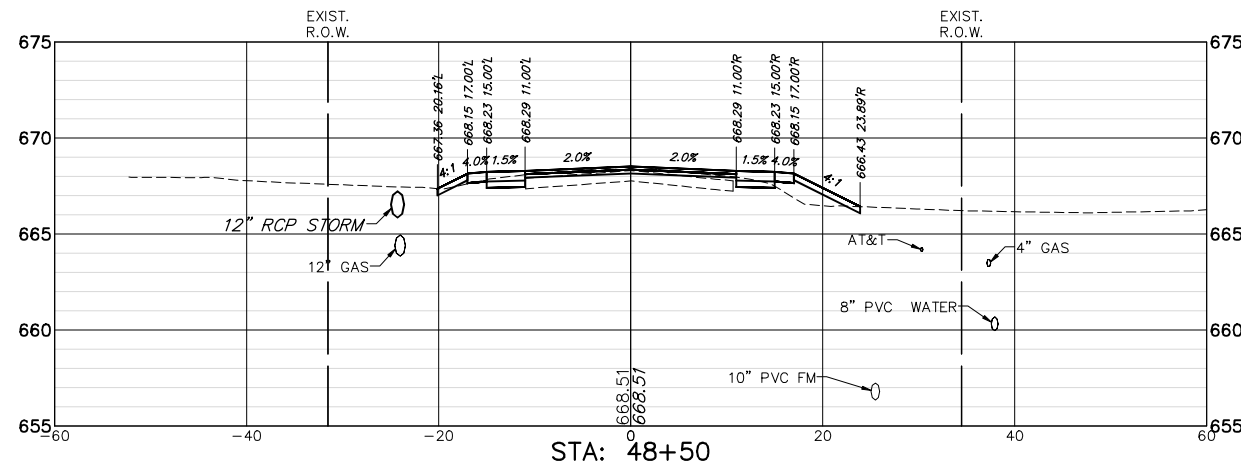
CUT: 20.37 SF
FILL: 2.86 SF



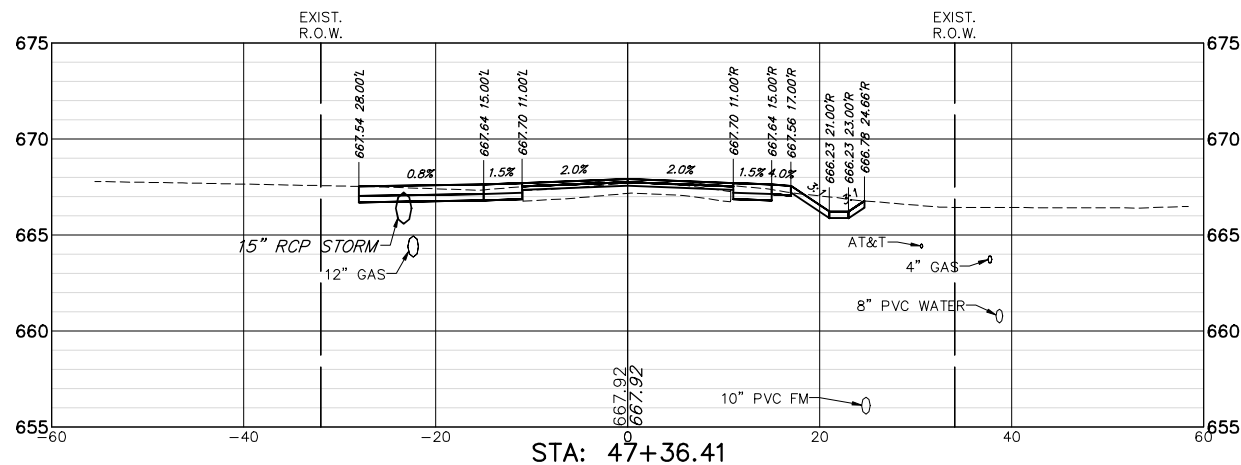
CUT: 10.99 SF
FILL: 5.54 SF



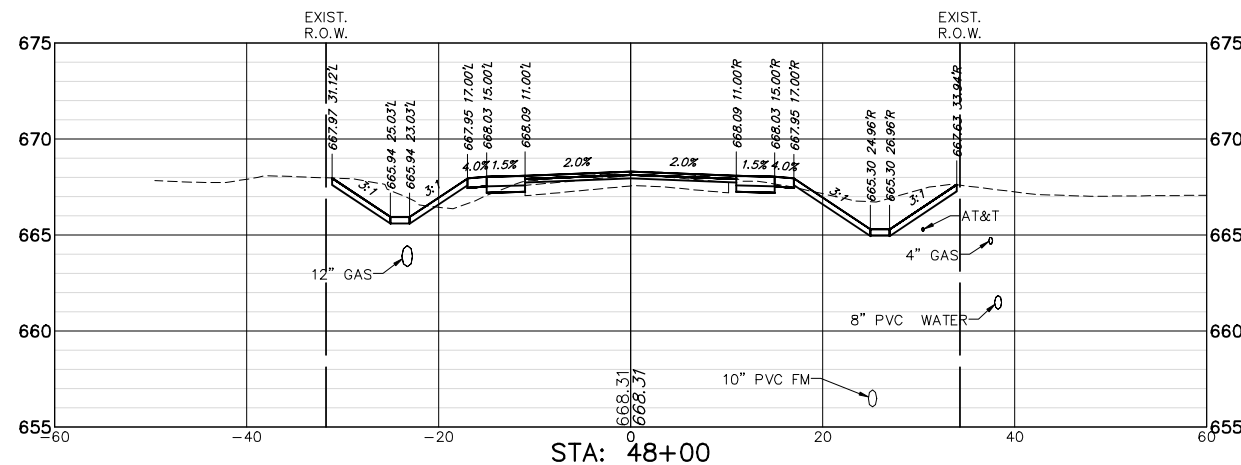
CUT: 17.58 SF
FILL: 1.87 SF



CUT: 4.17 SF
FILL: 4.48 SF



CUT: 19.64 SF
FILL: 0.00 SF



CUT: 33.95 SF
FILL: 3.33 SF

FILE NAME = 9770.609-XS.dwg

USER NAME = DOMINIC OLESAK

DESIGNED - MGFC

REVISED -

DRAWN - PJS

REVISED -

CHECKED - MGFC

REVISED -

DATE - 12.23.2024

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SAUNDERS ROAD

SCALE AS NOTED

SHEET NO. 21 OF 34 SHEETS

STA: 47+36.41 TO STA: 48+62.34

FAU
RTE

2416

SECTION

21-00020-00-RS

COUNTY

LAKE

TOTAL
SHEETS

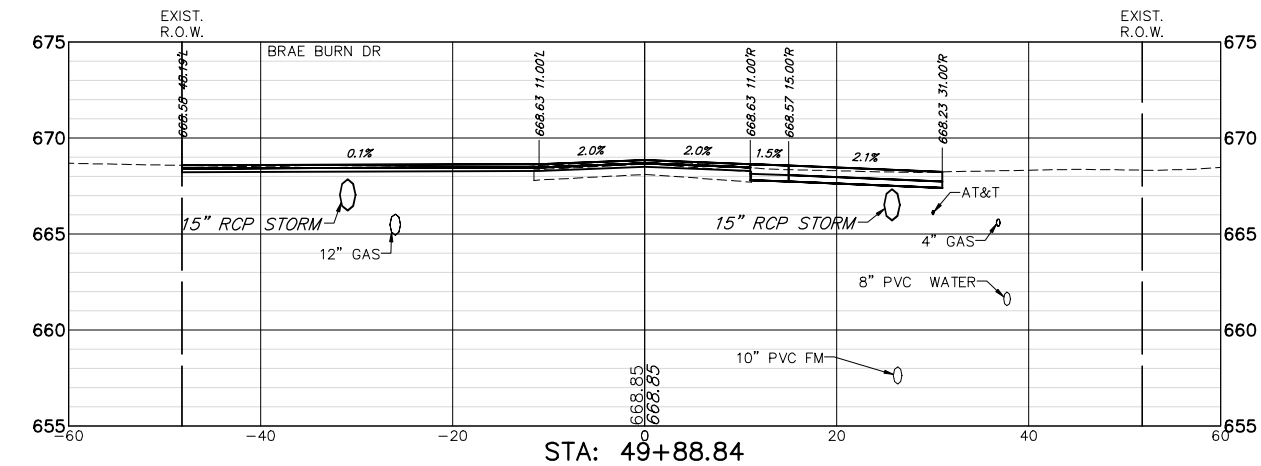
110

SHEET
NO.

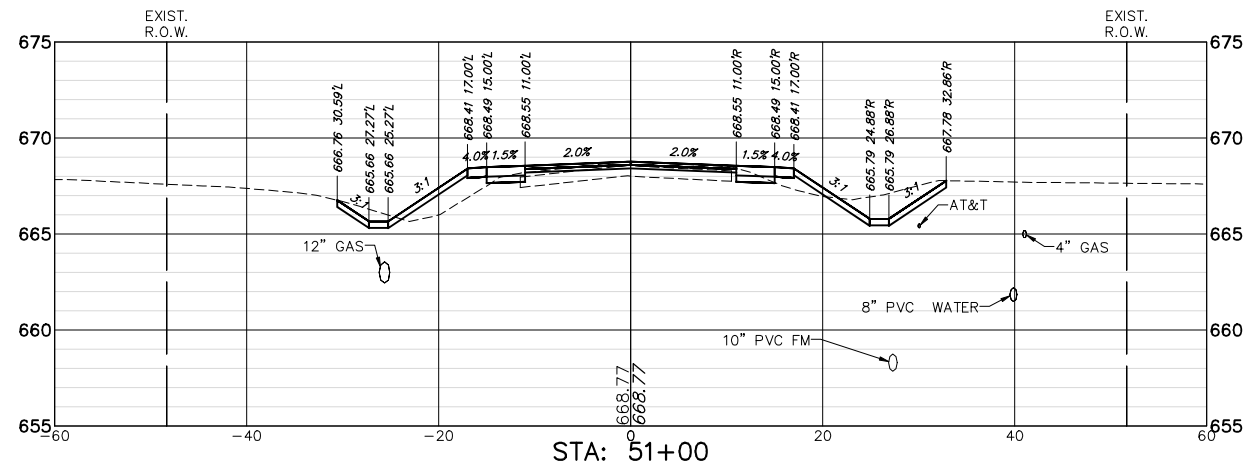
97

CONTRACT # 61K96

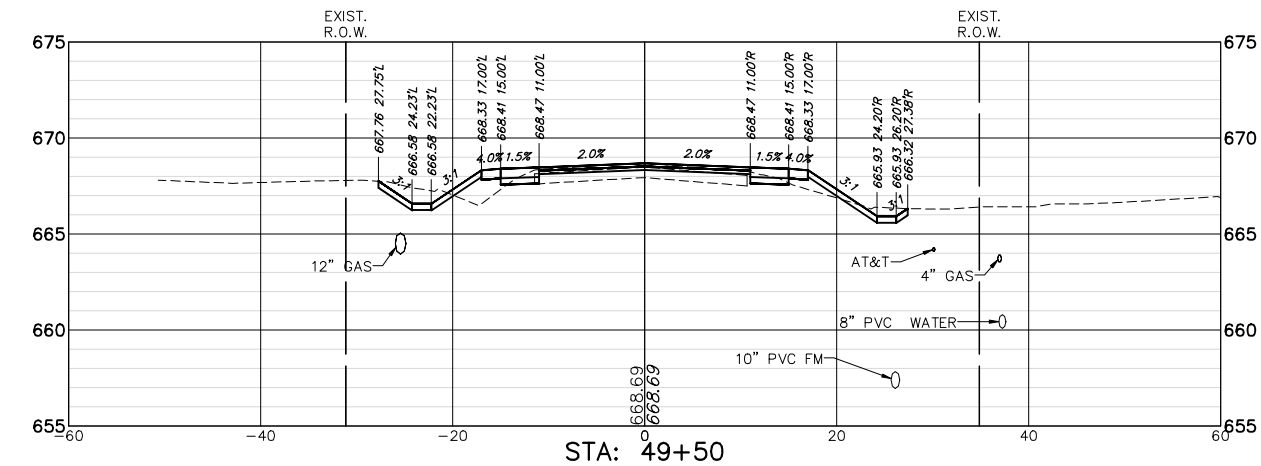
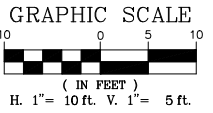
ILLINOIS FED. AID PROJECT



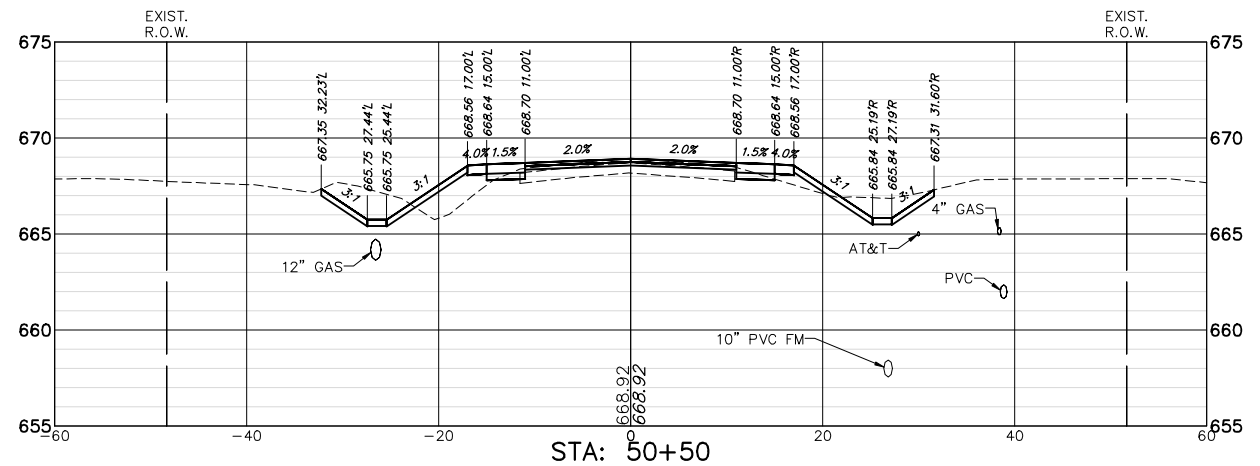
CUT: 13.41 SF
FILL: 0.00 SF



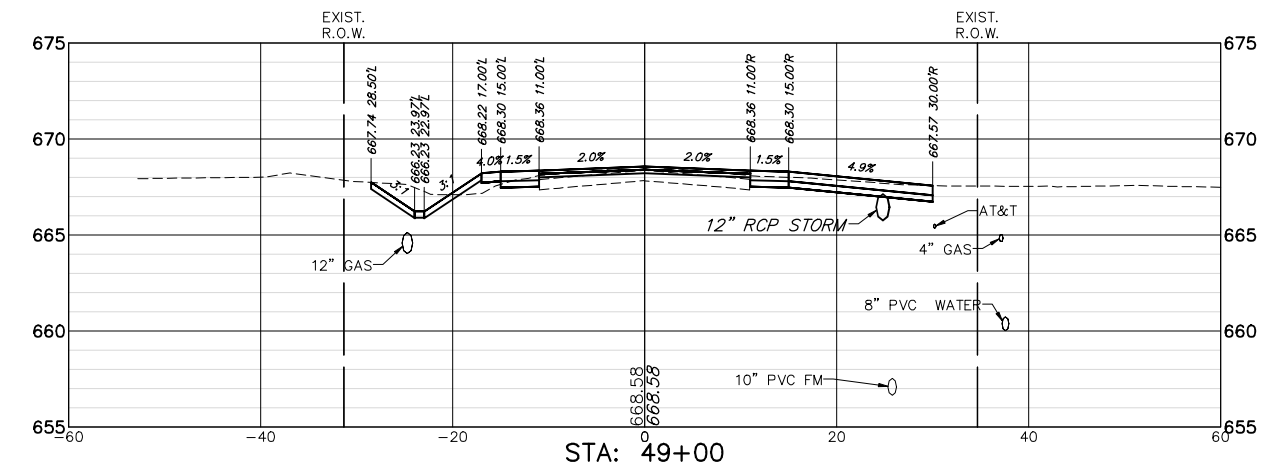
CUT: 19.43 SF
FILL: 9.58 SF



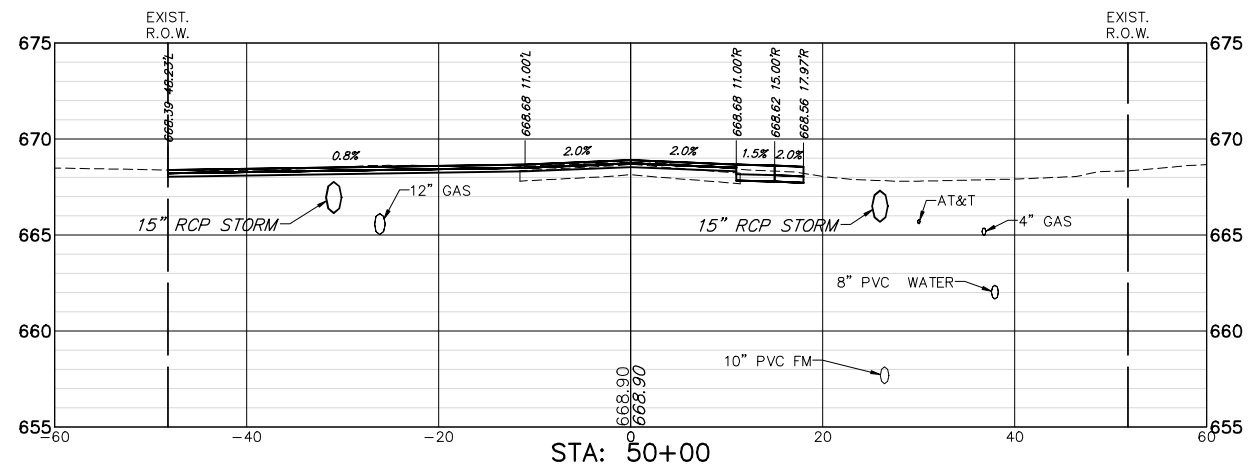
CUT: 12.48 SF
FILL: 6.10 SF



CUT: 24.32 SF
FILL: 10.32 SF

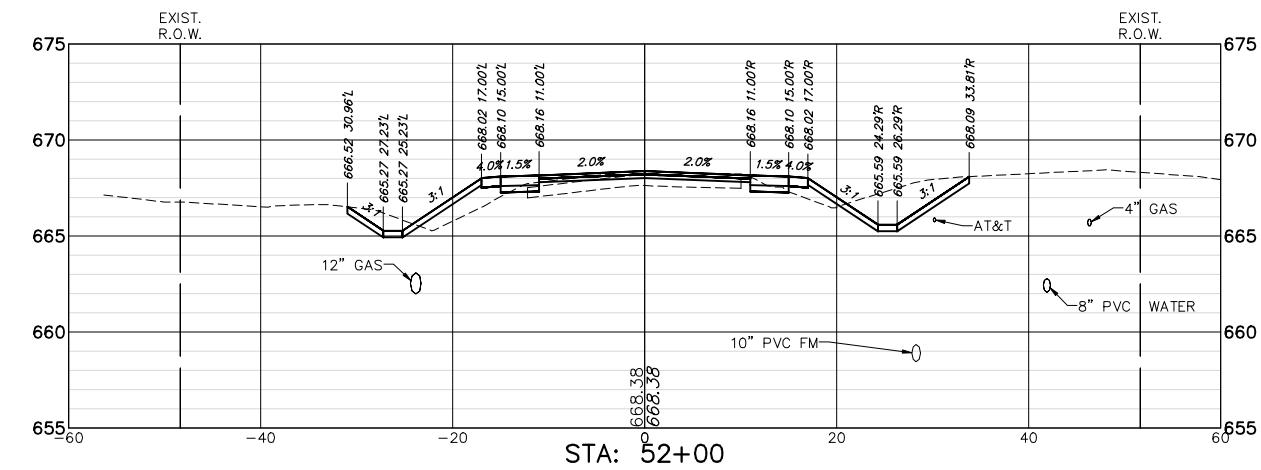


CUT: 22.50 SF
FILL: 1.51 SF

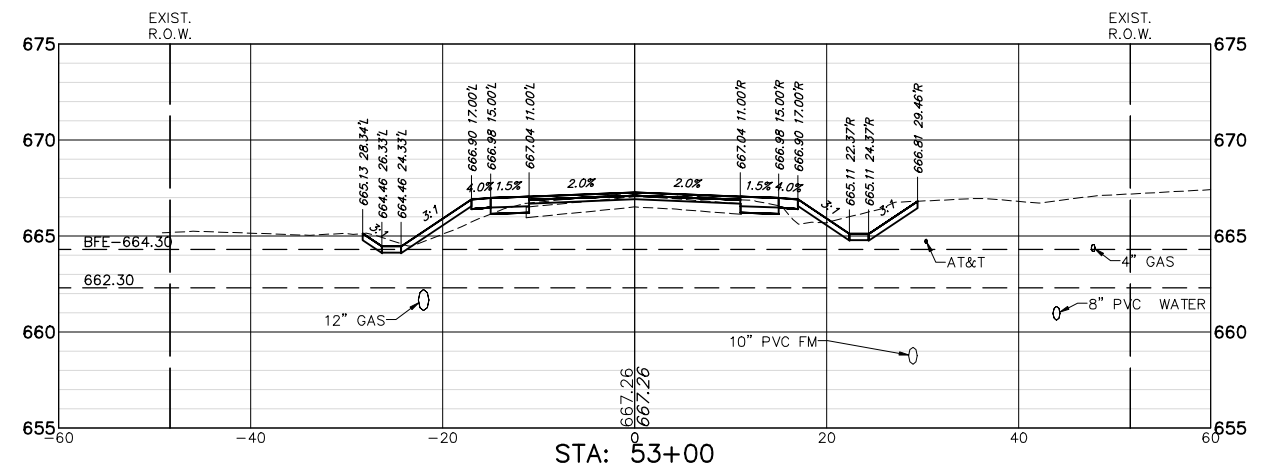


CUT: 3.24 SF
FILL: 0.00 SF

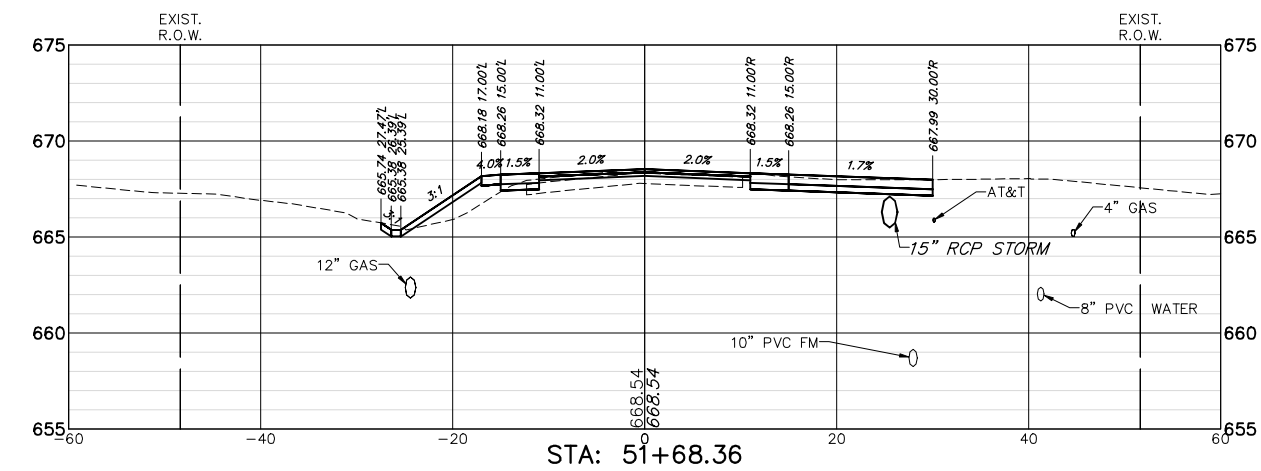
FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD			FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	98
	PLOT DATE = 12/20/2024 11:51 AM	CHECKED - MGFC	REVISED -		SCALE AS NOTED SHEET NO. 22 OF 34 SHEETS STA: 49+00.00 TO STA: 51+00.00			CONTRACT # 61K96				
		DATE - 12.23.2024	REVISED -					ILLINOIS FED. AID PROJECT				



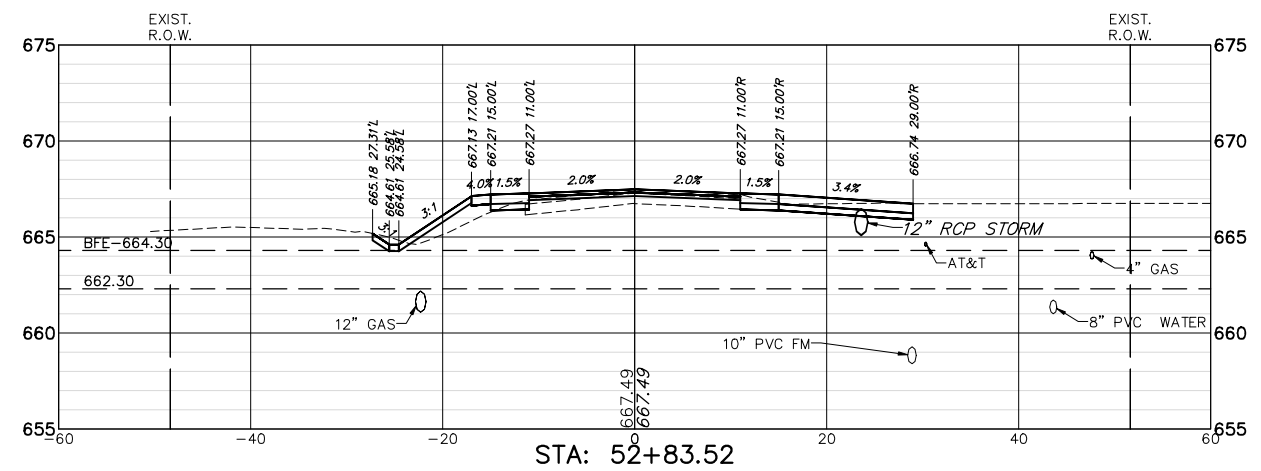
CUT: 26.88 SF
FILL: 9.33 SF



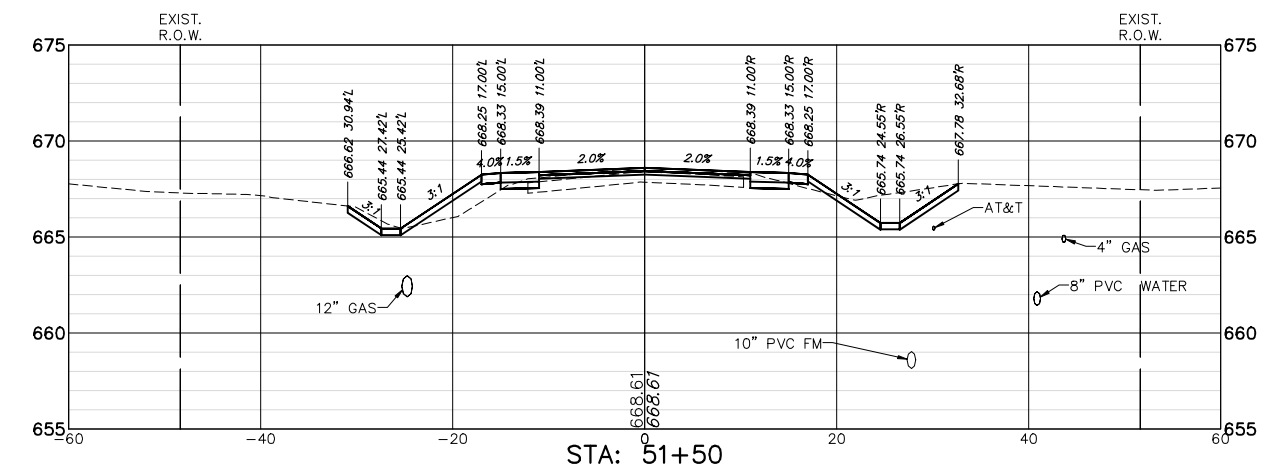
CUT: 15.06 SF
FILL: 5.48 SF



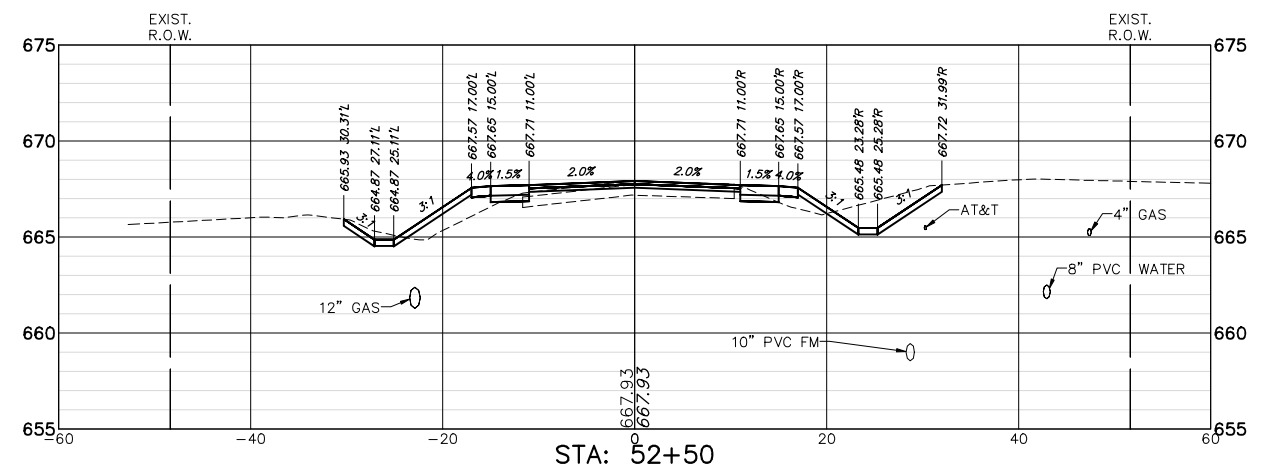
CUT: 16.33 SF
FILL: 6.33 SF



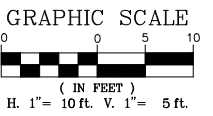
CUT: 13.43 SF
FILL: 4.98 SF



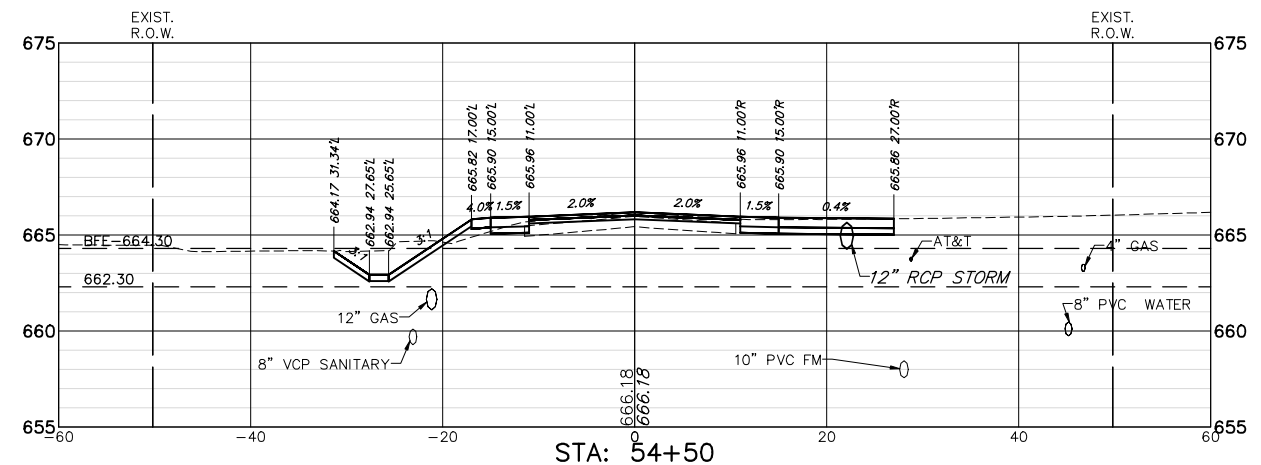
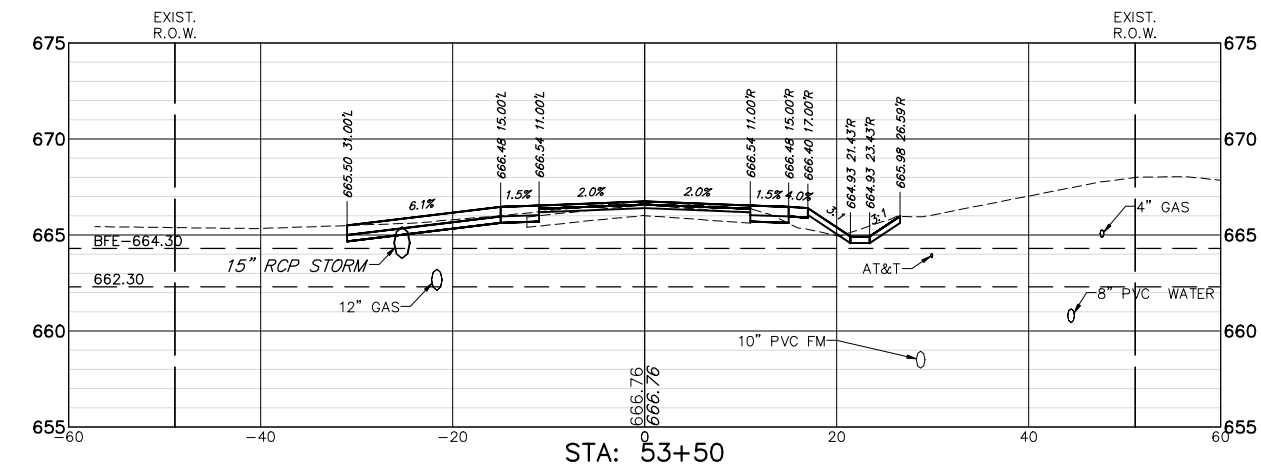
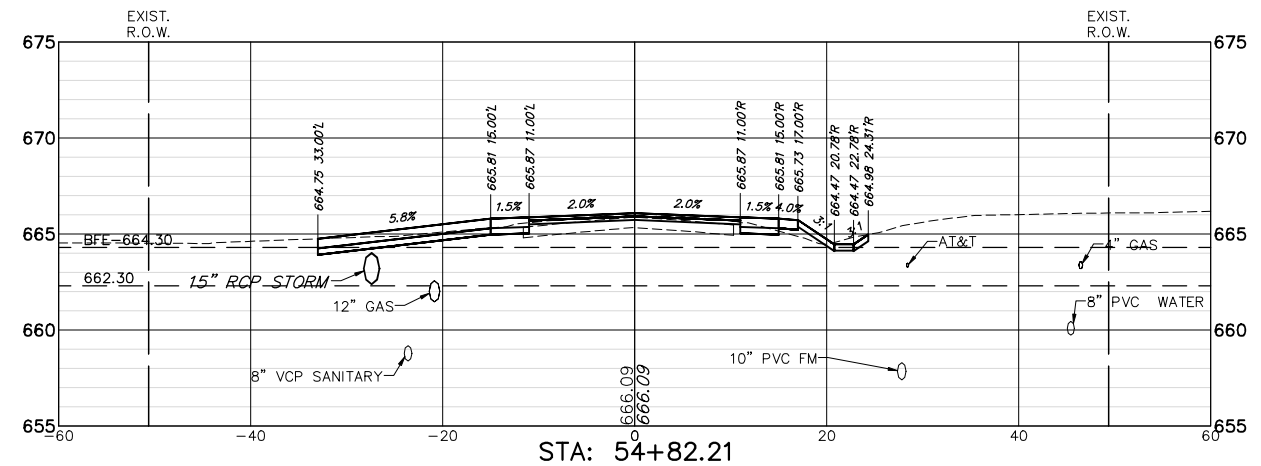
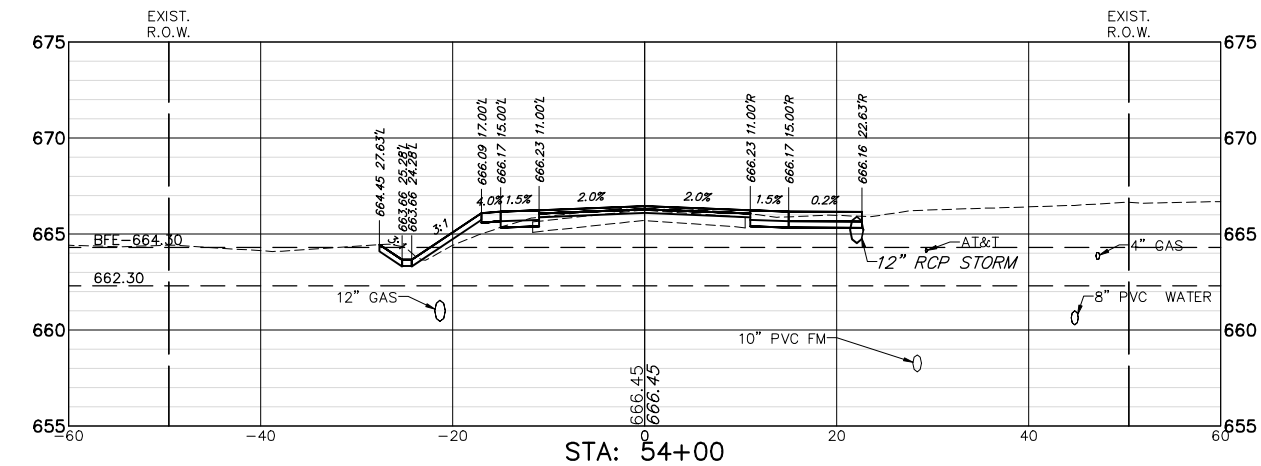
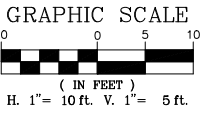
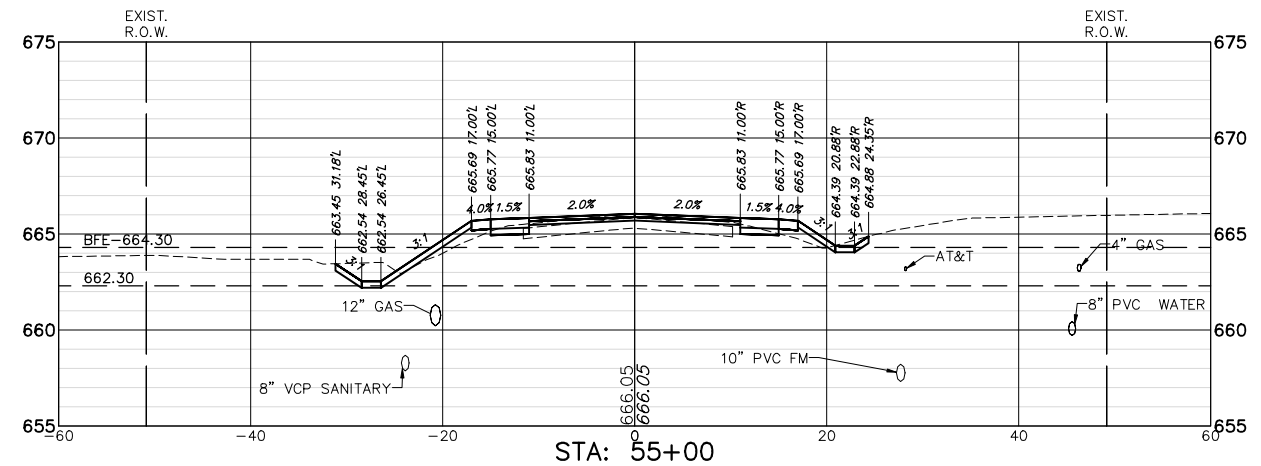
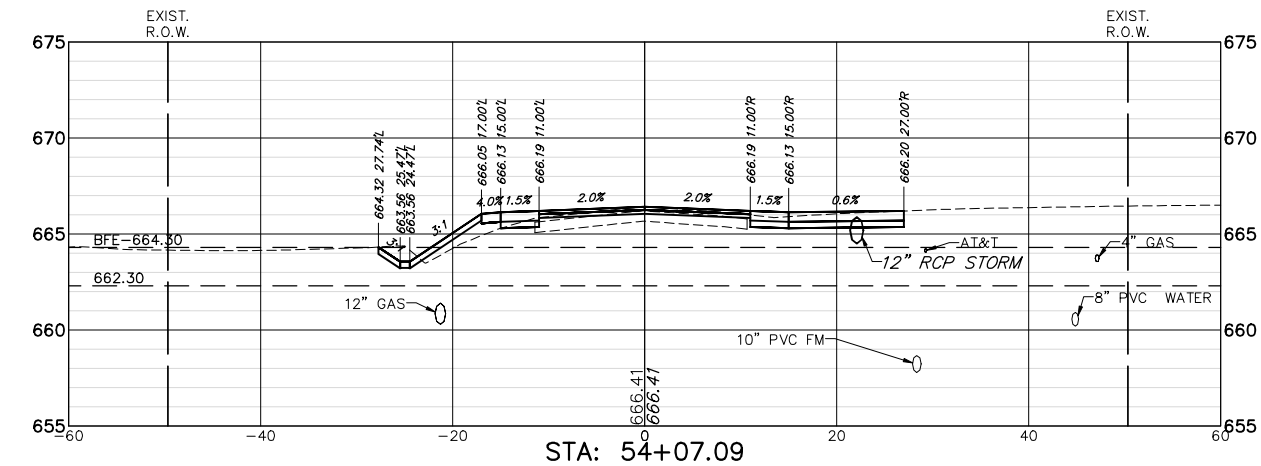
CUT: 21.35 SF
FILL: 6.67 SF



CUT: 19.18 SF
FILL: 9.16 SF



FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD		FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - PJS	REVISED -				2416	21-00020-00-RS	LAKE	110	99	
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -				CONTRACT #:					61K96
	PLOT DATE = 12/20/2024 11:51 AM	DATE - 12.23.2024	REVISED -				ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED		SHEET NO. 23 OF 34 SHEETS		STA: 51+50.00 TO STA: 53+00.00				



FILE NAME = 9770.609-XS.dwg	USER NAME = DOMINIC OLESIAK	DESIGNED - MGFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SAUNDERS ROAD			FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - PJS	REVISED -					2416	21-00020-00-RS	LAKE	110	100	
	PLOT SCALE = 1" = .0833'	CHECKED - MGFC	REVISED -					CONTRACT #:					61K96
	PLOT DATE = 12/20/2024 11:52 AM	DATE - 12.23.2024	REVISED -					ILLINOIS FED. AID PROJECT					
				SCALE AS NOTED	SHEET NO. 24 OF 34 SHEETS	STA. 53+50.00 TO STA. 55+00.00							