

CONTACT JULIE AT 811 OR 800-892-0123

04-25-2025 LETTING ITEM 201

With the following:



County MADISON
City / Township VILLAGE OF GODFREY
Sec & 1/4 Sec No. E. 1/2 SEC. 21 T.6N., R.10W.
SW. 1/4 SEC. 22 T.6N., R.10W.
48 HOURS (2 working days) BEFORE YOU DIG
NOT INCLUDING DAY OF NOTICE

AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA
ARE AS FOLLOWS:

ILLINOIS AMERICAN WATER CO.
4436 INDUSTRIAL DRIVE
ALTON, ILLINOIS 62002
(618) 466-2131

AT&T COMMUNICATIONS
203 GOETHE
COLLINSVILLE, IL 62234
(618) 346-6422

AMEREN IP
700 OAKWOOD AVENUE
ALTON, ILLINOIS 62002
(618) 463-4041 (ELECTRIC)
(618) 463-4027 (GAS)

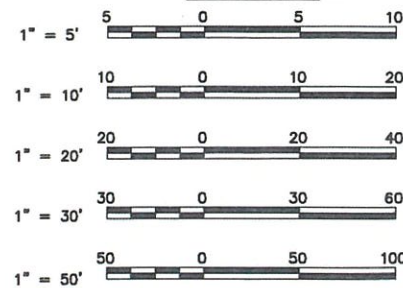
GODFREY PUBLIC WORKS
6810 GODFREY ROAD
GODFREY, ILLINOIS 62035
(618) 466-3133

CHARTER COMMUNICATIONS
4767 SIGNATURE INDUSTRIAL DRIVE
EDWARDSVILLE, IL 62025
(618) 779-4179

INDEX TO SHEETS

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SCALES



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.

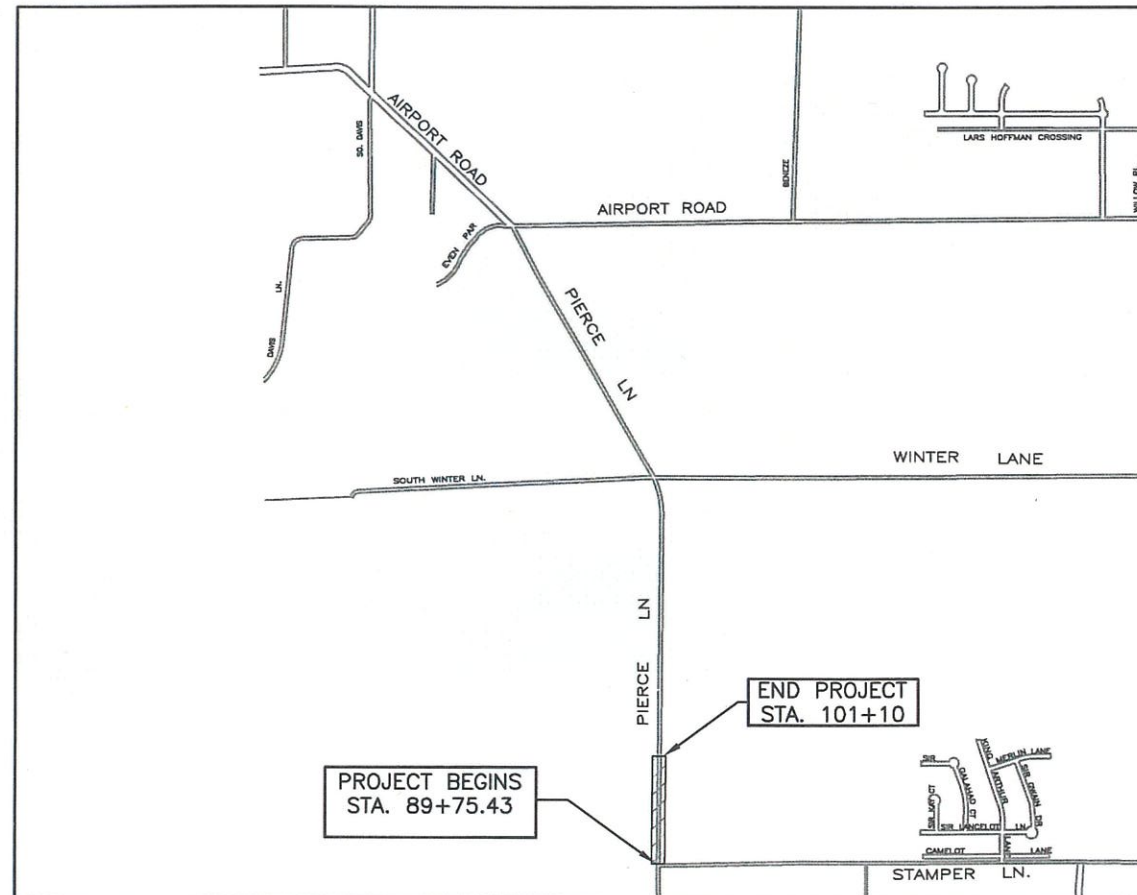
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED: 30 M.P.H.

ADT: 1,500 (2025), 1,840 (2045)

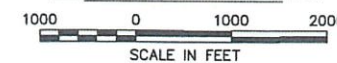
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION STP FUNDS

PIERCE LANE - PHASE 5 SECTION 19-00001-05-PV FAU ROUTE 8985 PROJECT AG7E(912) VILLAGE OF GODFREY, ILLINOIS MADISON COUNTY JOB C-98-011-23

TOWNSHIP 6N, RANGE 10W



LOCATION MAP

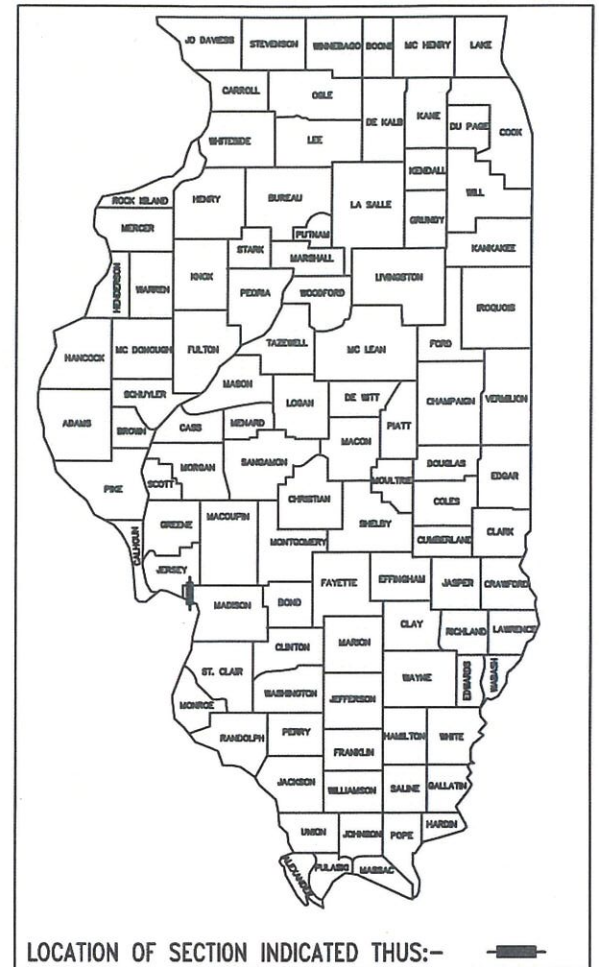


GROSS LENGTH = 1,134.57 FEET = 0.215 MILES
NET LENGTH = 1,113.92 FEET = 0.211 MILES



Sheppard Morgan & Schwaab, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS
215 Market Street
Alton, Illinois 62002
618/462-9755

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8985	19-00001-05-PV	MADISON	44	1
FEDERAL AID PROJECT			CONTRACT NO. 97862	



LOCATION OF SECTION INDICATED THUS:-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	2-10 20 25 <i>[Signature]</i> MAYOR
PASSED	2-19 20 25 <i>[Signature]</i> DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED UPON LIMITED REVIEW	2-19 20 25 <i>[Signature]</i> REGION 5 ENGINEER
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS	



DATE SIGNED 2-10-25
EXPIRATION DATE 11-30-25

DESIGN FIRM REGISTRATION
NO. 184-000992

FEBRUARY, 2025

STANDARD SYMBOL LEGEND

EXISTING

EXISTING GUY POLE --○--
EXISTING LIGHT POLE --X--
EXISTING POWER POLE --○--
EXISTING TELEPHONE POLE --○--
EXISTING GUY WIRE --←--
EXISTING TRANSMISSION TOWER --□--
EXISTING ELECTRIC SPLICE BOX --□^E--
EXISTING TELEPHONE SPLICE BOX --△--
EXISTING CABLE SPLICE BOX --□^{TV}--
EXISTING WATER HYDRANT --⚓--
EXISTING GAS METER --⊙--
EXISTING WATER METER --⊕--
EXISTING WATER VALVE --⊘--
EXISTING GAS VALVE --⊗--
EXISTING FIRE HYDRANT --⊙^{FH}--
EXISTING SANITARY MANHOLE TOP --⊙--
EXISTING STORM MANHOLE TOP --○--
EXISTING TELEPHONE MANHOLE TOP --T--
EXISTING SANITARY CLEAN OUT --⊙--
CONTROL POINT --△^{XXX}--
BENCHMARK --BM--
TEST PIT / NUMBER --●-- X
BORING / NUMBER --●-- X
RIGHT-OF-WAY MARKER --⊠^{MON}--
AXLE FOUND --○^{AXLE}--
BOLT FOUND --○^{BOLT}--
CHISELED "X" FOUND --X--
PIN FOUND --○^{IP}--
PINCH PIPE FOUND --○^{IP}--
PK NAIL FOUND --○^{PK}--
RAILROAD SPIKE FOUND --○^{RR}--
STONE FOUND --□^{STONE}--
BRASS MONUMENT FOUND --○^{MON}--
IRON PIPE FOUND --○^{IP}--
MONUMENT FOUND --□^{MON}--
REBAR FOUND --○^{RBR}--
EXISTING MAILBOX --F--
EXISTING FENCE POST --⊕--
EXISTING GATE POST --⊕--
EXISTING FLAG POLE --○--
EXISTING GUARD POST --○^{GP}--
EXISTING ADVERTISING SIGN --
EXISTING TRAFFIC SIGN --
EXISTING PARKING METER --Ⓟ--
EXISTING RAILROAD MILE POST --Ⓜ^{MP}--
EXISTING RAILROAD SIGNAL CONTROLLER --⊠--
EXISTING RAILROAD CROSSING GATE --⊠--
EXISTING TRAFFIC SIGNAL --○--
EXISTING TRAFFIC SIGNAL CONTROLLER --⊠--
EXISTING HANDHOLE --⊠--
EXISTING DOUBLE HANDHOLE --⊠--
EXISTING MAST ARM BASE --○--
EXISTING DECIDUOUS TREE / SIZE --○^{XX}--

EXISTING EVERGREEN TREE / SIZE --●^{XX}--
EXISTING STUMP / SIZE --F^{XX}--
EXISTING BUSH --●--
EXISTING SHRUB --●--
EXISTING TREE TO BE REMOVED --X^{XX}--

PROPOSED

PROPOSED GUY POLE --○--
PROPOSED LIGHT POLE --X--
PROPOSED POWER POLE --○--
PROPOSED TELEPHONE POLE --○--
PROPOSED GUY WIRE --←--
PROPOSED TRANSMISSION TOWER --□--
PROPOSED ELECTRIC SPLICE BOX --□^E--
PROPOSED TELEPHONE SPLICE BOX --△--
PROPOSED CABLE SPLICE BOX --□^{TV}--
PROPOSED WATER HYDRANT --⚓--
PROPOSED GAS METER --⊙--
PROPOSED WATER METER --⊕--
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PROPOSED GAS VALVE --⊗--
PROPOSED FIRE HYDRANT --⊙^{FH}--
PROPOSED SANITARY MANHOLE TOP --⊙--
PROPOSED STORM MANHOLE TOP --○--
PROPOSED TELEPHONE MANHOLE TOP --Ⓜ--
PROPOSED SANITARY CLEAN OUT --⊙--
PROPOSED MAILBOX --F--
PROPOSED GUARD POST --○^{GP}--
PROPOSED ADVERTISING SIGN --F--
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PROPOSED TRAFFIC SIGNAL --○--
PROPOSED TRAFFIC SIGNAL CONTROLLER --⊠--
PROPOSED HANDHOLE --⊠--
PROPOSED DOUBLE HANDHOLE --⊠--
PROPOSED MAST ARM BASE --○--
PROPOSED DECIDUOUS TREE / SIZE --○^{XX}--

PROPOSED EVERGREEN TREE / SIZE --●^{XX}--
PROPOSED BUSH --●--
PROPOSED PLANT --*--

PROPOSED EDGE OF PAVEMENT ELEVATION -- + 512.00 EP
PROPOSED PAVEMENT ELEVATION -- + 505.50 P
PROPOSED CURB ELEVATION -- + 550.25 TC
PROPOSED SIDEWALK ELEVATION -- + 515.15 SW
PROPOSED FLOWLINE ELEVATION -- + 501.58 FL

SIDEWALK LEGEND

→ RAMP -- MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
▨ DETECTABLE WARNING
▨ LANDING -- MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
BT BLENDED TRANSITION -- MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
T TRANSITION TO MEET EXISTING SIDEWALK
P PASSING SPACE -- MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%

STANDARD LINE TYPE LEGEND

EXISTING FEATURES

EXISTING CENTERLINE
EXISTING BASELINE
EXISTING RIGHT-OF-WAY
EXISTING SECTION LINE
EXISTING PROPERTY LINE
EXISTING EASEMENT
EXISTING SETBACK
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING DITCH
EXISTING POND, LAKE, BODY OF WATER, ETC.
EXISTING RAILROAD
EXISTING FENCE
EXISTING GUARDRAIL
EXISTING CULVERT
EXISTING STORM SEWER
EXISTING SANITARY SEWER
EXISTING FORCEMAIN
EXISTING WATER
EXISTING UNDERGROUND ELECTRIC
EXISTING GAS
EXISTING UNDERGROUND TELEPHONE
EXISTING FIBER OPTIC
EXISTING UNDERGROUND CABLE TV
EXISTING OVERHEAD TELEPHONE
EXISTING OVERHEAD ELECTRIC
EXISTING OVERHEAD CABLE TV

PROPOSED FEATURES

PROPOSED CENTERLINE
PROPOSED BASELINE
PROPOSED RIGHT-OF-WAY
PROPOSED LOT LINE
PROPOSED EASEMENT
PROPOSED TEMPORARY EASEMENT
PROPOSED CONSTRUCTION LIMITS
PROPOSED SETBACK
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
PROPOSED DITCH
PROPOSED POND, LAKE, BODY OF WATER, ETC.
PROPOSED RAILROAD
PROPOSED FENCE
PROPOSED GUARDRAIL
PROPOSED PERIMETER EROSION BARRIER
PROPOSED CULVERT
PROPOSED STORM SEWER
PROPOSED SANITARY SEWER
PROPOSED FORCEMAIN
PROPOSED WATER

PROPOSED UNDERGROUND ELECTRIC
PROPOSED GAS
PROPOSED UNDERGROUND TELEPHONE
PROPOSED FIBER OPTIC
PROPOSED UNDERGROUND CABLE TV
PROPOSED OVERHEAD TELEPHONE
PROPOSED OVERHEAD ELECTRIC
PROPOSED OVERHEAD CABLE TV

ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	OL	OPEN LID
BK	BACK	PC	POINT OF CURVE
BM	BENCH MARK	PE	PRIVATE ENTRANCE
BVCE	BEGIN VERTICAL CURVE ELEVATION	PI	POINT OF INTERSECTION
BVCS	BEGIN VERTICAL CURVE STATION	PK	PK NAIL
C&G	CURB AND GUTTER	PP	POWER POLE
C/L	CENTER LINE	PRCF	PRECAST REINFORCED CONCRETE FLARED
CE	COMMERCIAL ENTRANCE	PT	POINT OF TANGENT
CI	CAST IRON	PVC	POINT OF VERTICAL CURVE
CL	CLOSED LID	R	RADIUS
CM	CONCRETE MONUMENT	RBR	REBAR
CMP	CORRUGATED METAL PIPE	RDMH	RESTRICTED DEPTH MANHOLE
CONC	CONCRETE	ROW	RIGHT OF WAY
CT	CRIMP TOP PIPE	RR	RAIL ROAD
CU YD	CUBIC YARD	RRPM	RAISED REFLECTIVE PAVEMENT MARKER
DE	DRAINAGE EASEMENT	RT	RIGHT
DIP	DUCTILE IRON PIPE	S	SOUTH
E	EAST	SE	SOUTHEAST
ELEV	ELEVATION	SL	SECTION LINE
EP	EDGE OF PAVEMENT	SS1	STORM SEWER TYPE 1
EQN STA	EQUATION STATION	SS2	STORM SEWER TYPE 2
ES	EDGE OF SHOULDER	SS3	STORM SEWER TYPE 3
FE	FIELD ENTRANCE	STA	STATION
FH	FIRE HYDRANT	SW	SOUTHWEST
FL	FLOW LINE	TB	TRENCH BACKFILL
FT	FOOT	TBR	TO BE REMOVED
FWD	FORWARD	TC	TOP OF CURB
GP	GUARD POST	TCE	TEMPORARY CONSTRUCTION EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE	TPM	TEMPORAY PAVEMENT MARKING
HMA	HOT-MIX ASPHALT	TPPM	THERMOPLASTIC PAVEMENT MARKING
IP	IRON PIPE	TUP	TEMPORARY USE PERMIT
LT	LEFT	TY	TYPE
MON	MONUMENT	TYP	TYPICAL
MP	MILE PIPE	VC	VERTICAL CURVE
N	NORTH	VCP	VITRIFIED CLAY PIPE
NE	NORTHEAST	W	WEST
NW	NORTHWEST	WMA	WATER MAIN QUALITY
O&C	OIL AND CHIP		

GENERAL NOTES

- THE PLANS SHOW THE APPROXIMATE LOCATION OF KNOWN UTILITIES, BUT DO NOT SHOW HOUSE OR SERVICE CONNECTIONS. UTILITY INFORMATION PROVIDED IS BASED ON INFORMATION OBTAINED FROM UTILITY COMPANIES AND SHALL NOT BE CONSIDERED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB ANY UTILITIES AND THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- FOR SIMPLICITY, STORM SEWER LENGTHS SHOWN ON THE PLANS ARE FROM CENTER TO CENTER OF STRUCTURES. ACTUAL PIPE REQUIRED WILL BE LESS. MEASUREMENT FOR PAYMENT PURPOSES SHALL BE ACCORDING TO ARTICLE 550.09 OF THE STANDARD SPECIFICATIONS.
- THE OFFSETS FOR ALL ROUND INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING REQUIRED FOR THE FRAME AND GRATE OR LID THAT IS SPECIFIED. THE OFFSETS FOR ALL SQUARE BOX INLETS AND SQUARE FLUSH INLETS ARE GIVEN TO THE CENTER OF THE BASE OF THE STRUCTURE. OFFSETS FOR ALL CONCRETE FLARED END SECTIONS ARE GIVEN TO THE CENTER OF THE END OF THE END SECTION.
- UNLESS OTHERWISE PROVIDED FOR HEREIN, THE CONTRACTOR SHALL REMOVE EXISTING TRAFFIC SIGNS WHEN THEY ARE NO LONGER NEEDED OR WHEN THEY CONFLICT WITH THE PROPOSED CONSTRUCTION. EXISTING SIGNS THAT HAVE BEEN REMOVED AND ARE NOT TO BE REUSED SHALL BE DELIVERED TO THE LOCAL STREET DEPARTMENT LOCATED AT 6212 GODFREY RD., GODFREY, ILLINOIS. THE COST OF THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THERE IS AN EXISTING GOLF COURSE IRRIGATION WATER LINE CROSSING PIERCE LANE AT STA. 96+21. THE CONTRACTOR SHALL POT HOLE THIS WATER LINE TO DETERMINE IF IT WILL BE IN CONFLICT WITH THE PROPOSED STORM SEWER BEFORE INLET STRUCTURES 6A,6B,6C,7,8 AND 9 ARE MADE INCASE DEPTHS NEED TO CHANGE TO AVOID A CONFLICT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF STORM SEWERS, CLASS A, TYPE 1 15".
- CONCRETE PAVEMENT NOTES:
 - THE CONTRACTOR SHALL CONSTRUCT A TRANSVERSE EXPANSION JOINT IN THE PAVEMENT IN ACCORDANCE WITH HIGHWAY STANDARD 420001 AT STA. 90+08.
 - TRANSVERSE JOINTS SHALL BE SPACED AT 12 FEET.
 - DOWEL BARS SHALL BE 1 INCH IN DIAMETER.
 - LONGITUDINAL JOINTS SHALL BE SEALED PER HIGHWAY STANDARD 420001.
 - TRANSVERSE JOINTS SHALL BE SEALED PER HIGHWAY STANDARD BLR-14.
 - THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE POURED SEPARATELY FROM THE CONCRETE PAVEMENT.

VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
GENERAL NOTES AND LEGENDS

CONTRACT NO.
97862

REF. BK. PG.
JOB NO. 530093.5
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: FEBRUARY, 2025

SCALE: N/A

SHEET 2 OF 44

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618462-9715 E-mail: mail@smsengineers.com
ENGINEERS DESIGN FIRM # 184-000992

COMMITMENTS

TREES (3" IN DIAMETER AT BREAST HEIGHT OR GREATER) SHALL NOT BE
CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30 OF ANY GIVEN YEAR.

SURVEY CONTROL POINTS			
VERTICAL CONTROL (BENCH MARKS)			
BENCH MARK	LOCATION	ELEVATION	DESCRIPTION
10002	STA. 89+07.96, 36.14' RT.	549.820	SET CUT CROSS ON NE BOLT OF FIRE HYDRANT LOCATED 1713 STAMPER LANE
10006	STA. 108+10.55, 29.66' LT.	534.746	FOUND RR SPIKE EAST SIDE FND LOCATED 5900 PIERCE LANE
10067	STA. 110+64.81, 31.67' LT.	544.009	SET CUT CROSS NE BOLT FIRE HYDRANT LOCATED 6002 PIERCE LANE
10070	STA. 116+38.97, 32.27' LT.	577.809	SET CUT CROSS NE BOLT FIRE HYDRANT LOCATED 6500 PIERCE LANE
10074	STA. 124+01.14, 22.38' LT.	587.389	SET CUT CROSS NE BOLT FIRE HYDRANT LOCATED 6300 PIERCE LANE
10076	STA. 130+09.53, 47.37' RT.	595.073	SET CUT CROSS NE BOLT FIRE HYDRANT LOCATED 1550 WINTER LANE
10085	STA. 204+75.07, 76.76' LT.	610.153	FND RR SPIKE IN E. SIDE OF POWER POLE LOCATED 1615 WINTER LANE

HORIZONTAL CONTROL				
CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #10000	830492.5437	2282880.9451	547.047	FND REBAR W/ SMS PROP CAP BY #1 0.40 DEEP
CP #10001	830489.9290	2282881.9758	545.791	FND REBAR W/ CP CAP 1.70 DEEP
CP #10002	830503.5154	2282886.6620	549.820	N.E. BOLT TOP FH.
CP #10003	831063.5870	2282844.5769	573.027	FND SPIKE NAIL W/ PUNCH HOLE 0.10 DEEP
CP #10004	831597.9571	2282871.6382	581.302	FND SPIKE NAIL W/ PUNCH HOLE
CP #10005	832132.8766	2282845.4052	546.902	FND SPIKE NAIL W/ PUNCH HOLE 0.10 DEEP
CP #10006	832406.3895	2282822.9693	534.746	FND RR SPIKE E. SIDE PIP
CP #10007	832624.5430	2282851.7422	539.158	FND SPIKE NAIL W/ PUNCH HOLE 0.10 DEEP
CP #10008	833220.1188	2282878.8753	572.715	FND SPIKE NAIL 0.10 DEEP
CP #10009	833743.0284	2282897.3410	581.948	FND SPIKE NAIL
CP #10010	834266.2260	2282866.2982	589.218	FND SPIKE NAIL 0.10 DEEP
CP #10011	834575.6941	2282887.5022	592.681	FND MAG NAIL 0.10 DEEP
CP #10063	832132.8118	2282845.2225	546.930	FND SPIKE NAIL W/ PUNCH HOLE
CP #10064	832406.3494	2282822.7913	534.900	FND RR SPIKE IN E. SIDE OF PIP
CP #10065	832605.8924	2282842.9251	538.047	SET REBAR W/ CP CAP
CP #10066	832624.5976	2282851.5099	539.167	SET SPIKE NAIL W/ PUNCH HOLE
CP #10067	832661.2662	2282831.3130	544.009	SET CUT CROSS N.E. BOOT FH
CP #10068	833220.1858	2282878.5802	572.819	FND SPIKE NAIL W/ PUNCH HOLE
CP #10069	833157.1577	2282869.5657	570.639	SET REBAR W/ CP CAP
CP #10070	833234.8263	2282857.5745	577.809	SET CUT CROSS NE BOLT FH
CP #10071	833743.1490	2282897.9499	581.909	FND SPIKE NAIL W/ PUNCH HOLE
CP #10072	833656.5094	2282891.7788	579.199	SET REBAR W/ CP CAP
CP #10073	834150.7840	2282907.6514	588.343	SET REBAR W/ CP CAP
CP #10074	833993.7058	2282876.1631	587.389	SET CUT CROSS NE BOLT FH
CP #10075	834266.3899	2282865.8507	589.313	FND SPIKE NAIL W/ PUNCH HOLE
CP #10076	834611.7636	2282845.0226	595.073	SET CUT CROSS NE BOLT FH
CP #10077	834605.7194	2282840.3507	592.628	SET REBAR W/ CP CAP
CP #10078	834575.8061	2282887.0384	592.698	FND MAG NAIL #10011
CP #10079	835030.1346	2282575.5133	596.458	SET REBAR W/ CP CAP
CP #10080	835428.9105	2282285.9984	596.818	SET REBAR W/ CP CAP
CP #10081	835880.8789	2282071.9523	593.948	SET REBAR W/ CP CAP
CP #10082	836312.8868	2281818.1128	600.688	SET REBAR W/ CP CAP
CP #10083	836717.5743	2281576.4221	605.758	SET REBAR W/ CP CAP
CP #10084	837122.8409	2281334.9153	606.633	SET REBAR W/ CP CAP
CP #10085	837160.2111	2281262.5603	610.153	FND RR SPIKE IN E. SIDE PIP
CP #10086	837202.8650	2281216.7041	608.540	FND 3/4 IP 0.40 DEEP
CP #10087	837156.2320	2281265.9265	608.320	FND REBAR 0.20 DEEP
CP #10088	837158.4473	2281339.0351	606.910	FND REBAR W/ RED CAP
CP #13351	834336.3784	2282773.8350	588.480	SET REBAR W/ CP CAP
CP #13687	833904.0760	2282859.0015	582.923	SET REBAR W/ CP CAP
CP #14361	833479.8990	2282951.7440	578.101	SET REBAR W/ CP CAP
CP #14915	832950.6446	2282775.9525	576.622	SET REBAR W/ CP CAP
CP #14916	832876.5770	2282887.2423	556.646	SET REBAR W/ CP CAP
CP #15196	832809.9776	2282757.1605	575.039	SET REBAR W/ CP CAP
CP #15645	832396.3895	2282809.7035	533.806	SET REBAR W/ CP CAP

* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK.

HIGHWAY STANDARDS

000001-08	630001-13	720011-01
280001-07	664001-02	728001-01
420001-10	701006-05	729001-01
602301-04	701011-04	780001-05
602306-03	701301-04	781001-04
602601-06	701501-06	782006-01
604036-03	701901-10	BLR 14-13
604091-05	720001-01	
606001-08	720006-04	

VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
HIGHWAY STANDARDS
CONTROL POINTS, AND COMMITMENTS

CONTRACT NO. 97862	
REF. BK.	PG.
JOB NO. 530093.5	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	
SCALE: N/A	
SHEET 3	OF 44

SMS

ENGINEERS

Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618482-9755 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

REVISIONS

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE			Total Job	
CODE NO.	ITEM	UNIT	QUANTITY	
20101000	TEMPORARY FENCE	FOOT	665	
20200100	EARTH EXCAVATION	CU YD	3,155	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	25	
20800150	TRENCH BACKFILL	CU YD	208	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	61	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	61	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	61	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.4	
25100115	MULCH, METHOD 2	ACRE	0.3	
25100630	EROSION CONTROL BLANKET	SQ YD	1,803	
25100900	TURF REINFORCEMENT MAT	SQ YD	239	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	280	
28000305	TEMPORARY DITCH CHECKS	FOOT	42	
28000400	PERIMETER EROSION BARRIER	FOOT	1,503	
28000500	INLET AND PIPE PROTECTION	EACH	12	
28100205	STONE RIPRAP, CLASS A3	TON	61	
28200200	FILTER FABRIC	SQ YD	129	
* 30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	3,696	
* 30201700	PORTLAND CEMENT	TON	134	
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	4,963	
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	47	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	257	
40200500	AGGREGATE SURFACE COURSE, TYPE B 6"	SQ YD	527	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	140	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	518	

CONSTRUCTION TYPE CODE			Total Job	
CODE NO.	ITEM	UNIT	QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	104	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	33	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX"C", N70	TON	20	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	40	
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	2,958	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	83	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	30	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	9,987	
42400800	DETECTABLE WARNINGS	SQ FT	40	
44000100	PAVEMENT REMOVAL	SQ YD	337	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	271	
44000400	GUTTER REMOVAL	FOOT	106	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	22	
44000600	SIDEWALK REMOVAL	SQ FT	41	
48101498	AGGREGATE SHOULDERS, TYPE B 4"	SQ YD	40	
50105220	PIPE CULVERT REMOVAL	FOOT	282	
52200700	PRECAST MODULAR RETAINING WALL	SQ FT	6,941	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	48	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	206	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	684	
55100700	STORM SEWER REMOVAL 15"	FOOT	122	
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	683	
60236200	INLETS, TYPE A, TYPE 8 FRAME AND GRATE	EACH	1	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4	

* SPECIALTY ITEM

REVISIONS

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DESIGN FIRM # 184-000992

VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
SUMMARY OF QUANTITIES

CONTRACT NO.
97862

REF. BK. PG.
JOB NO. 530093.5
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: FEBRUARY, 2025
SCALE: NONE
SHEET 4 OF 44

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE			Total Job	
	CODE NO.	ITEM	UNIT	QUANTITY
	60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	7
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,070
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	463
*	66400105	CHAIN LINK FENCE 4'	FOOT	545
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6
	67100100	MOBILIZATION	L SUM	1
*	72000100	SIGN PANEL - TYPE 1	SQ FT	55
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41
*	72900100	METAL POST - TYPE A	FOOT	125
*	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	6
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	255
*	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	30
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2,228
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	70
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	13
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8
	X0327301	RELOCATE EXISTING MAILBOX	EACH	4
*	X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2
	X2010505	CLEARING, SPECIAL	L SUM	1
	X2501010	SEEDING, CLASS 2 (MODIFIED)	ACRE	0.7
	X5510010	STORM SEWER CONNECTION	EACH	1
*	X6300225	SINGLE END SECTION	EACH	4
*	X6640102	FENCE (SPECIAL)	FOOT	200
	X6640106	FENCE REMOVAL (SPECIAL)	FOOT	880
#	Z0076600	TRAINEES	HOUR	500
	X7010216	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	1
#	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500
	X7240502	RELOCATE SIGN, SPECIAL	EACH	2

* SPECIALTY ITEM
0042

REVISIONS

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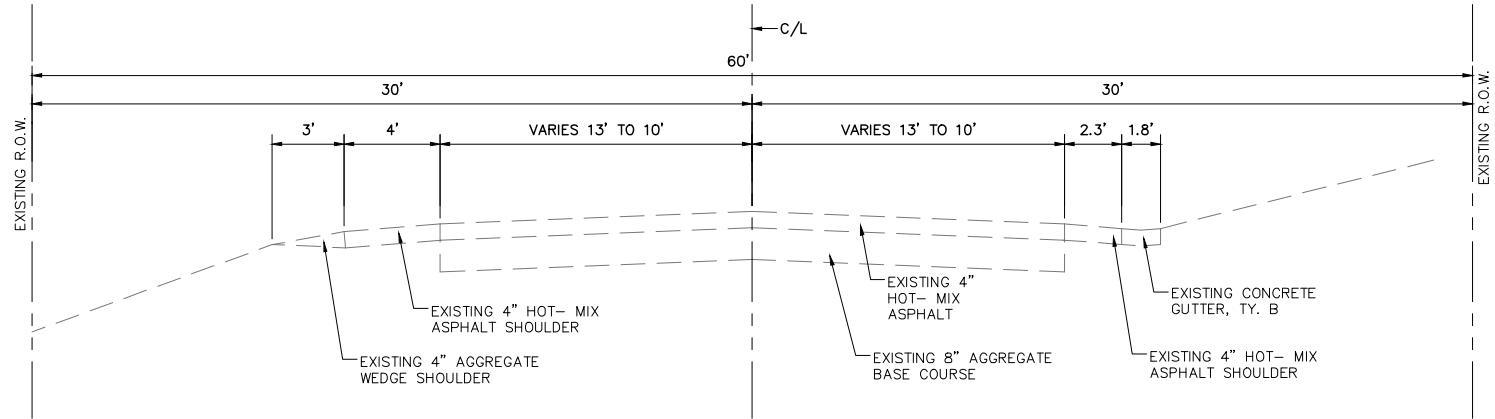
VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
SUMMARY OF QUANTITIES

CONTRACT NO.
97862

REF. BK. PG.
JOB NO. 530093.5
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DATE: FEBRUARY, 2025

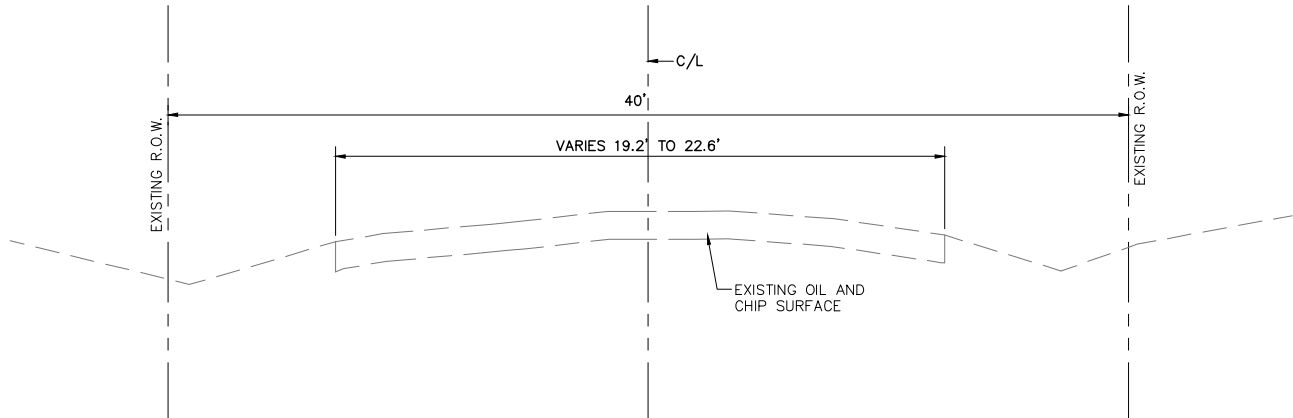
SCALE: NONE

SHEET 5 OF 44



EXISTING TYPICAL SECTION
PIERCE LANE

STA. 89+96.08 TO STA. 91+00.93



EXISTING TYPICAL SECTION
PIERCE LANE

STA. 91+00.93 TO STA. 101+10

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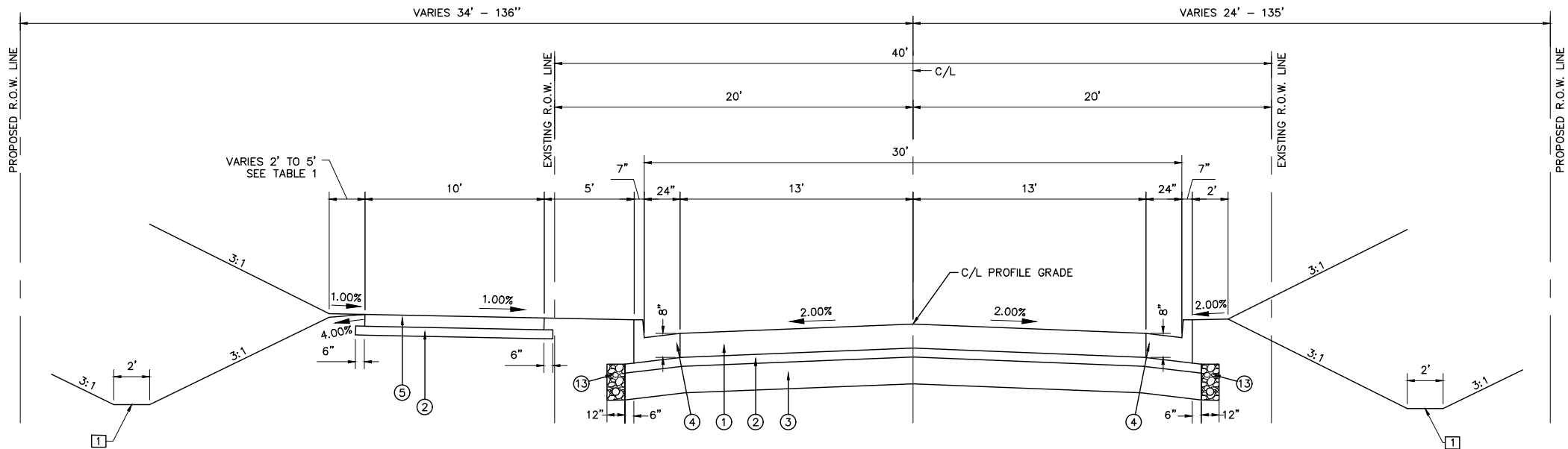
VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
EXISTING TYPICAL SECTIONS

CONTRACT NO.
97862

REF. BK.	PG.
JOB NO. 530093.5	
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DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	

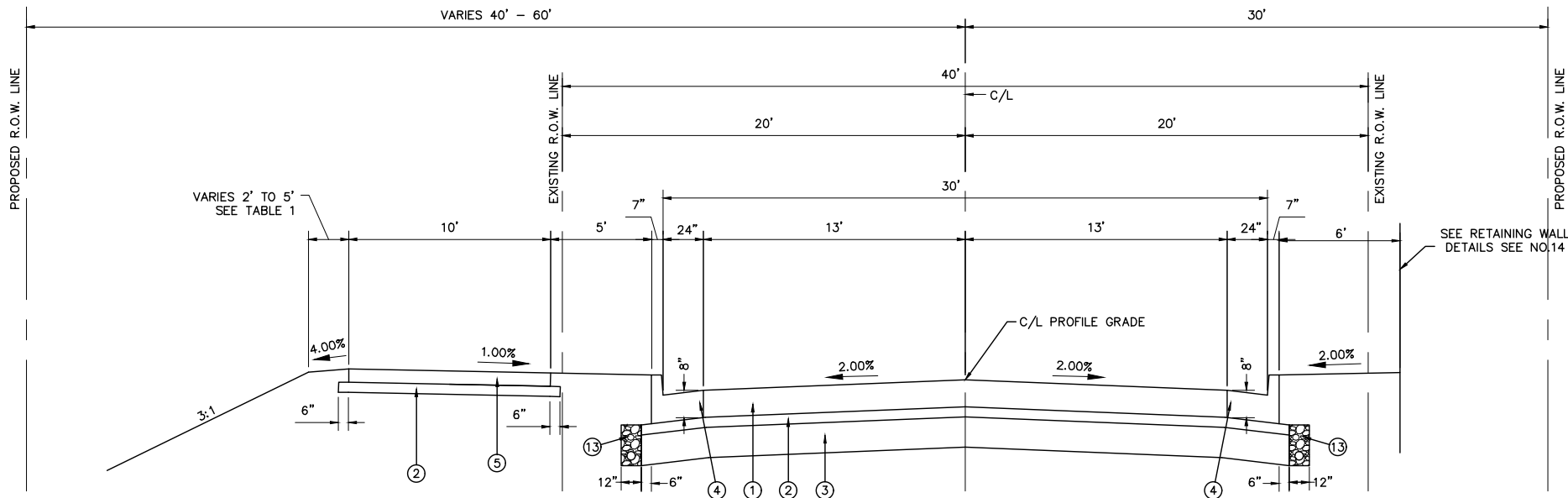
SCALE: 1" = 20'

SHEET 6 OF 44



PROPOSED TYPICAL SECTION
PIERCE LANE

STA. 89+96.08 TO STA. 90+50
STA. 95+95.28 TO STA. 100+20



PROPOSED TYPICAL SECTION
PIERCE LANE

STA. 90+50 TO STA. 95+95.28

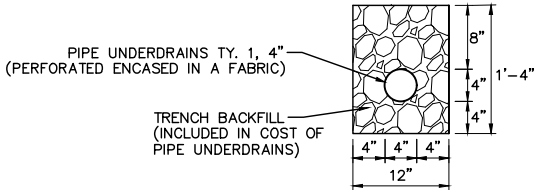
PAVING LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE A, 4"
- ③ PROCESSING MODIFIED SOIL 12" EXTEND TO 100+30
- ④ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- ⑤ PORTAND CEMENT CONCRETE SIDEWALK 4 INCH (SHARED-USE PATH)
- ⑥ N/A
- ⑦ AGGREGATE BASE COURSE, 8"
- ⑧ BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ HMA BINDER COURSE, 2 1/2"
- ⑩ BITUMINOUS MATERIALS (TACK COAT) (SSI-VH)
- ⑪ HMA SURFACE COURSE, MIX "C" N70, 1 1/2"
- ⑫ AGGREGATE SHOULDERS, 4"
- ⑬ PIPE UNDERDRAINS, TYPE 1, 4" SEE SCHEDULE FOR LOCATIONS

TYPICAL SECTION NOTES

- ① SEE PROFILES AND CROSS SECTIONS FOR DITCHES

TABLE 1 PIERCE LANE LEFT SIDE SHOULDER WIDTH ADJACENT TO SHARED-USE PATH		
TURF SHOULDER WIDTH (FOOT)	LOCATION STA.	
2	89+96.08	90+75
VARIES 2 TO 5	90+75	91+00
5	91+00	92+75
VARIES 5 TO 2	92+75	93+00
2	93+00	94+75
VARIES 2 TO 5	94+75	95+00
5	95+00	95+50
VARIES 5 TO 2	95+50	95+75
2	95+75	100+20



PIPE UNDERDRAIN DETAIL

VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
PROPOSED TYPICAL SECTIONS

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SCALE: NONE

SHEET 7 OF 44

REVISIONS

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DESIGN FIRM # 184-000992

STORM SEWER SCHEDULE				
STRUCTURE ID	LOCATION	STORM SEWERS CLASS A, RCCP TYPE 1		TRENCH BACKFILL
		12" (FOOT)	15" (FOOT)	(CU YD)
	PIERCE LANE			
EX TO 1	STA. 89+81.75 - 18.57' RT TO STA. 90+12.00 - 14.04' RT		31	8
1 TO 2	STA. 90+12.00 - 14.04' LT TO STA. 90+12.00 - 14.04' RT	28		6
1 TO 3	STA. 90+12.00 - 14.04' RT TO STA. 92+50.00 - 14.04' RT		238	59
3 TO 4	STA. 92+50.00 - 14.04' LT TO STA. 92+50.00 - 14.04' RT	28		6
3 TO 5	STA. 92+50.00 - 14.04' RT TO STA. 95+00.00 - 14.04' RT		250	59
5 TO 6	STA. 95+00.00 - 14.04' LT TO STA. 95+00.00 - 14.04' RT	28		6
5 TO 6A	STA. 95+00.00 - 14.04' RT TO STA. 95+75.00 - 14.04' RT		75	18
6A TO 6B	STA. 95+75.00 - 14.04' RT TO STA. 96+40.00 - 14.04' RT		65	15
6B TO 6C	STA. 96+40.00 - 14.04' RT TO STA. 96+65.00 - 14.04' RT		25	6
6C TO 7	STA. 96+65.00 - 14.04' RT TO STA. 97+50.00 - 14.04' RT	85		18
7 TO 8	STA. 97+50.00 - 14.04' RT TO STA. 97+50.00 - 14.04' LT	28		6
7 TO 9	STA. 97+50.00 - 14.04' RT TO STA. 97+50.00 - 22.58' RT	9		1
	TOTAL	206	684	208

INLET SCHEDULE				
		INLETS	INLETS	INLETS
		TYPE B	TYPE A	TYPE A
STRUCTURE	LOCATION	TYPE 24	TYPE 24	TYPE 8
ID		F & G	F & G	F & G
		(EACH)	(EACH)	(EACH)
	PIERCE LANE			
1	STA. 90+12.00 - 14.04' RT	1		
2	STA. 90+12.00 - 14.04' LT		1	
3	STA. 92+50.00 - 14.04' RT	1		
4	STA. 92+50.00 - 14.04' LT		1	
5	STA. 95+00.00 - 14.04' RT	1		
6	STA. 95+00.00 - 14.04' LT		1	
6A	STA. 95+75.00 - 14.04' RT	1		
6B	STA. 96+40.00 - 14.04' RT	1		
6C	STA. 96+65.00 - 14.04' RT	1		
7	STA. 97+50.00 - 14.04' RT	1		
8	STA. 97+50.00 - 14.04' LT		1	
9	STA. 97+50.00 - 22.58' RT			1
	TOTAL	7	4	1

PIPE UNDERDRAINS, TYPE 1, 4" SCHEDULE			
STATION		SIDE	PIPE UNDERDRAINS, TYPE 1, 4" (FOOT)
PIERCE LANE			
90+12.00	90+62.00	LT	50
90+12.00	90+62.00	RT	50
90+12.00	95+95.00	RT RETAINING WALL	583
TOTAL			683

ENTRANCE SCHEDULE														
STATION	OFFSET	TYPE OF ENTRANCE	TYPICAL DETAIL	WIDTH "A" (FT)	WIDTH "B" (FT)	LENGTH "C" (FT)	SUB GRAN MAT A 4" (SQ YD)	PCC DRIVEWAY PAVT 6 (SQ YD)	PCC DRIVEWAY PAVT 8 (SQ YD)	DRIVEWAY PAVT REM (SQ YD)	INCIDENTAL HMA SURF (TON)	AGGREGATE - TEMP ACCESS (TON)	AGG SURF CSE B 6 (SQ YD)	NOTES
PIERCE LANE														
96+95.00	RT	C.E.	B	32	31.4	4.4			29.1	52.0	7.0	19.8		
97+12.00	LT	P.E.	A	16	VARIES	14.4	35.2	32.5		92.1	14.9	29.2		
97+34.00	LT	CART PATH	A*	10	10	14.4	18.9	16.7		78.5	9.0	16.3		* NO FLARE
97+34.00	RT	CART PATH	B*	10	10	11.1		7.8		20.6	5.5	9.0		* NO FLARE
99+96.00	LT	P.E.	A	12	8.6	32.4	28.4	25.8			2.9	8.6	30.5	5' OF HMA
99+96.00	RT									27.6				
STOCKPILE ENTRANCES												57.0		SEE SPECIAL PROVISIONS FOR EARTH EXCAVATION
TOTAL							83	83	30	271	40	140	31	

FENCE REMOVAL (SPECIAL) SCHEDULE			
STATION		SIDE	FENCE REMOVAL (SPECIAL) (FOOT)
89+90.00	98+45.00	LT	855
96+45.00	96+70.00	RT	25
TOTAL			880

PIPE CULVERT REMOVAL SCHEDULE	
LOCATION	PIPE CULVERT REMOVAL (FOOT)
STA. 89+84.13 - 18.45' RT TO STA. 91+03.64 - 13.26' RT	119.8
STA. 96+41.91 - 12.08' LT TO STA. 96+41.55 - 13.90' RT	26
STA. 96+64.18 - 15.81' LT TO STA. 97+19.91 - 16.02 LT	55.7
STA. 96+66.20 - 16.07' RT TO STA. 97+16.99 - 15.69 RT	50.8
STA. 97+24.57 - 15.87' RT TO 97+38.68 - 16.02' RT	14.1
STA. 97+25.17 - 16.09' LT TO 97+41.04 - 15.12' LT	15.9
TOTAL	282.3

PAVEMENT REMOVAL SCHEDULE	
LOCATION	PAVEMENT REMOVAL (SQ YD)
89+96.08 TO 91+01.00	336.5
TOTAL	336.5

EARTHWORK SCHEDULE				
LOCATION	EARTH EXCAVATION (CUT) (CU. YD.)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE * (CU. YD.)	EMBANKMENT (FILL) (CU. YD.)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU. YD.)
PIERCE LANE				
89+96.08 TO 96+75	1,891	1,418	1,651	-233
96+75 TO 101+10	1,264	948	103	845
Total :	3,155	2,366	1,754	612
* ASSUME SHRINKAGE FACTOR = 25%				

VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
SCHEDULES

CONTRACT NO.
97862

REF. BK. PG.
JOB NO. 530093.0
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: FEBRUARY, 2025

SCALE: NONE

SHEET 9 OF 44

REVISIONS

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DESIGN FIRM # 184-000992

SIGNING SCHEDULE										
LOCATION STATION	OFFSET	LEGEND OR TYPE	MUTCD SIGN DESIGNATION	SIZE W X H (INCHES)	RELOCATE SIGN, SPECIAL (EACH)	SIGN PANEL TYPE 1 (SQ. FT.)	TELESCOPING STEEL SIGN SUPPORT (FT.)	METAL POST TYPE A (FT.)	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) (EACH)	REMARKS
SHARED USE PATH										
90+50	33.58' LT	BIKE ROUTE ENDS	D11-1 R3-17bP	24" X 18" 24" X 9"		3.00		11.0		
						1.50				
96+75	17.58' LT	GOLF CART SYMBOL AHEAD	D11-11 W16-9P	18" X 18" 24" X 12"		2.25		11.6		YELLOW COLOR TO MATCH EXISTING SIGNS
						2.00				
97+25	17.58' LT	YIELD	R1-2	18" X 18" X 18"		1.00		10.0		
97+43	33.58' LT	YIELD	R1-3	18" X 18" X 18"		1.00		10.0		
97+93	33.58' LT	GOLF CART SYMBOL AHEAD	D11-11 W16-9P	18" X 18" 24" X 12"		2.25		11.6		YELLOW COLOR TO MATCH EXISTING SIGNS
						2.00				
99+70	17.58' LT	BIKE ROUTE ENDS	D11-1 R3-17bP	24" X 18" 24" X 9"		3.00		11.0		
						1.50				
CART PATH										
97+28	32.58' LT	STOP SIGN	R1-1	18" X 18"		2.25		10.0		
97+28	17.00' LT	STOP SIGN	R1-1	18" X 18"		2.25		10.0		
97+28	17.00' RT	STOP SIGN	R1-1	18" X 18"		2.25		10.0		
97+40	32.58' LT	STOP SIGN	R1-1	18" X 18"		2.25		10.0		
97+40	17.00' LT	STOP SIGN	R1-1	18" X 18"		2.25		10.0		
97+40	17.00' RT	STOP SIGN	R1-1	18" X 18"		2.25		10.0		
PIERCE LANE										
92+50	18.58' RT	SPEED LIMIT 30 NO PARKING SYMBOL	R2-1 R8-3	24" X 30" 24" X 24"		5.00	17.5			
						4.00				
94+00	18.58' RT	EXISTING CART SIGN "AHEAD"	W11-2 W16-9P	30" X 30" 24" X 12"	1		3.5			RELOCATE, ADD "AHEAD" SIGN ADD POST SECTION TO ACHIEVE 7' HEIGHT
						2.00				
95+75	18.58' LT	SPEED LIMIT 30 NO PARKING SYMBOL	R2-1 R8-3	24" X 30" 24" X 24"		5.00	17.5			
						4.00				
97+28	21.58' RT	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	W11-11 W16-7P	30" X 30" 24" X 12"					1	SEE DETAIL IN PLANS SIGNS INCLUDED IN PAY ITEM YELLOW COLOR TO MATCH EXISTING SIGNS
97+40	19.58' LT	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	W11-11 W16-7P	30" X 30" 24" X 12"					1	SEE DETAIL IN PLANS SIGNS INCLUDED IN PAY ITEM YELLOW COLOR TO MATCH EXISTING SIGNS
100+20	18.08' LT	EXISTING CART SIGN "AHEAD"	W11-2 W16-9P	30" X 30" 24" X 12"	1		2.0			RELOCATE, ADD "AHEAD" SIGN ADD POST SECTION TO ACHIEVE 7' HEIGHT
						2.00				
TOTAL					2	55.00	40.5	125.2	2	

TURF REINFORCEMENT MAT SCHEDULE				
STATION		SIDE	WIDTH (FT)	TURF REINFORCEMENT MAT (SQ YD)
PIERCE LANE				
89+96	91+75	LT	8	159
97+50	98+40	RT	8	80
TOTAL				239

PAVEMENT MARKING SCHEDULE						
LOCATION	PAINT PAVEMENT MARKING			MODIFIED URETHANE PAVEMENT MARKING		RAISED REFLECTIVE PAVEMENT MARKERS (EACH)
	LET. & SYMB. YIELD LINE WHITE (SQ FT)	LINE 4" SKIP DASH YELLOW (FT)	LINE 12" STOP BAR WHITE (FT)	LINE 4" SOLID DOUBLE YELLOW (FT)	LINE 24" CROSSWALK WHITE (FT)	
SHARED USE PATH						
89+96.08 TO 100+20		255				
97+25	3					
97+43	3					
CART PATH						
97+34 LT			10			
97+34 LT			10			
97+34 RT			10			
PIERCE LANE						
89+96.08 TO 97+29				1,466		10
97+29 TO 101+10				762		3
97+34					70	
TOTAL	6	255	30	2,228	70	13

GUARDRAIL SCHEDULE					
STATION TO STATION		SPBGR TY A 6 FT POSTS (FOOT)	SINGLE END SECTION (EACH)	GUARDRAIL REFLECTORS TY A (EACH)	NOTES
PIERCE LANE IMPROVEMENTS					
91+25	95+75	450	2	8	LOCATED BEHIND RETAINING WALL
91+25	91+25	12.5	2		BEHIND RETAINING WALL RUNNING EAST TO WEST
TOTALS		462.5	4	8	

FENCE SCHEDULE		
LOCATION	CHAIN LINK FENCE (FOOT)	FENCE (SPECIAL) (FOOT)
STA. 90+50.00 TO STA. 95+95.00 (TOP OF RET. WALL)	545	
STA. 98+52.30 - 50.00' LT TO STA. 99+80.26 - 46.76' LT		128
STA. 100+13.62 - 45.92' LT TO STA. 100+85.61 - 45.00' LT		72
TOTAL	545	200

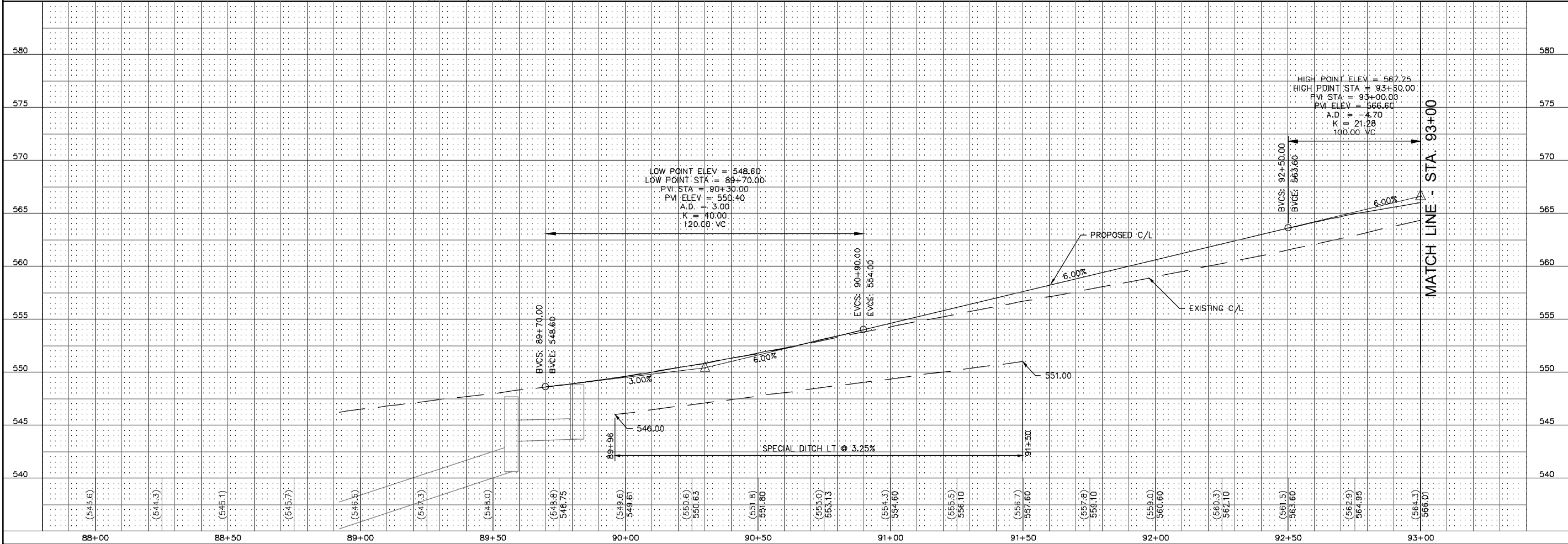
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VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
SCHEDULES

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REVISIONS	

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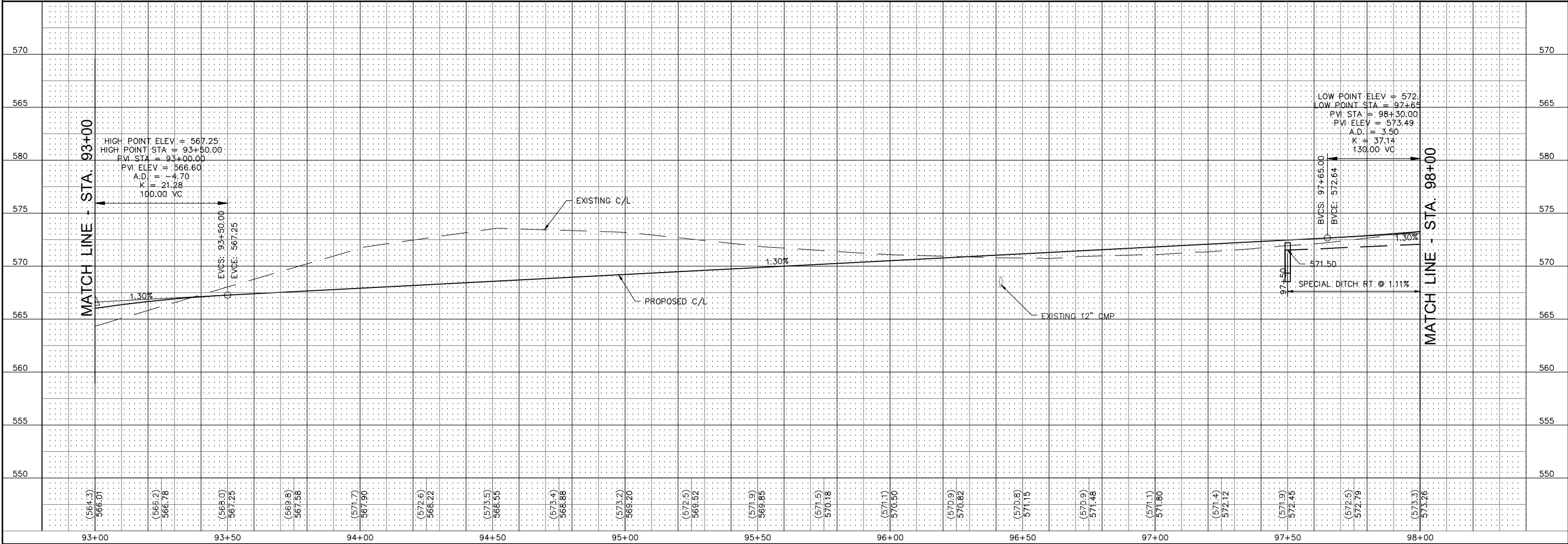
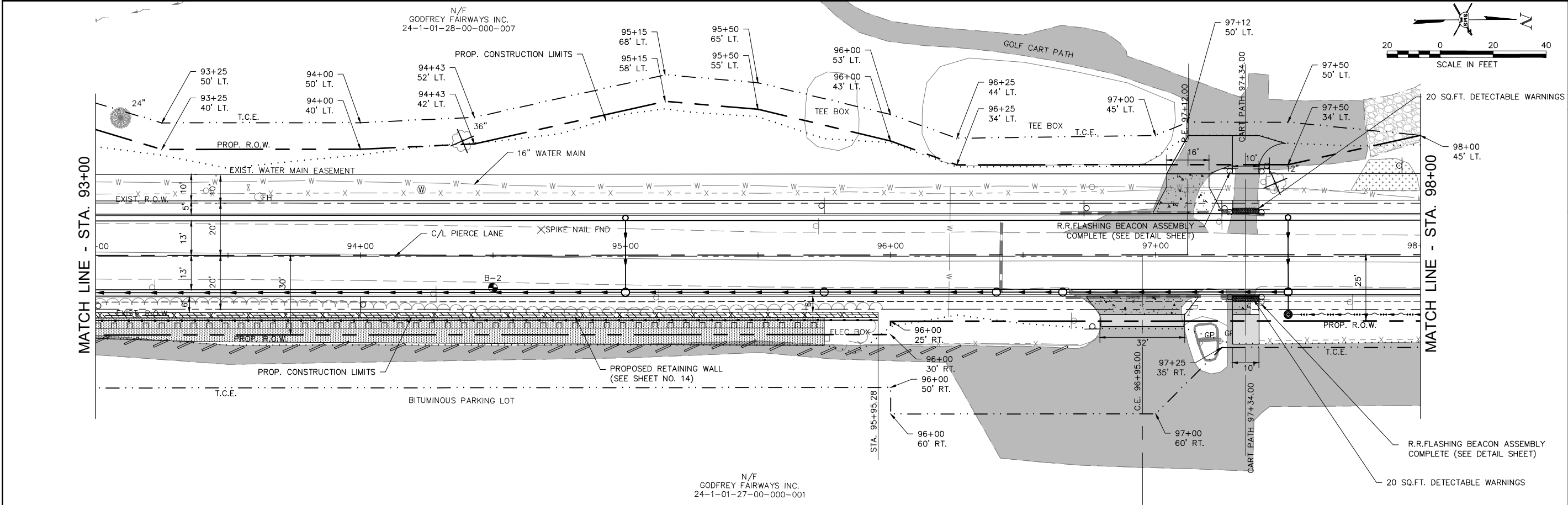
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215 Market Street, Alton, IL 62002 618/462-9751 E-mail: ms@smsengineers.com
DESIGN FIRM # 184-000992

VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
PLAN AND PROFILE

CONTRACT NO. 97862

7. BK.	PG.
8. NO. 530093.5	
9. BY: DEG	
10. BY: CDP	
11. BY: DEG	
12. E: FEBRUARY, 2025	

SCALE: HORIZ: 1" = 20'
 VERT: 1" = 5'



REVISIONS	

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ENGINEERS

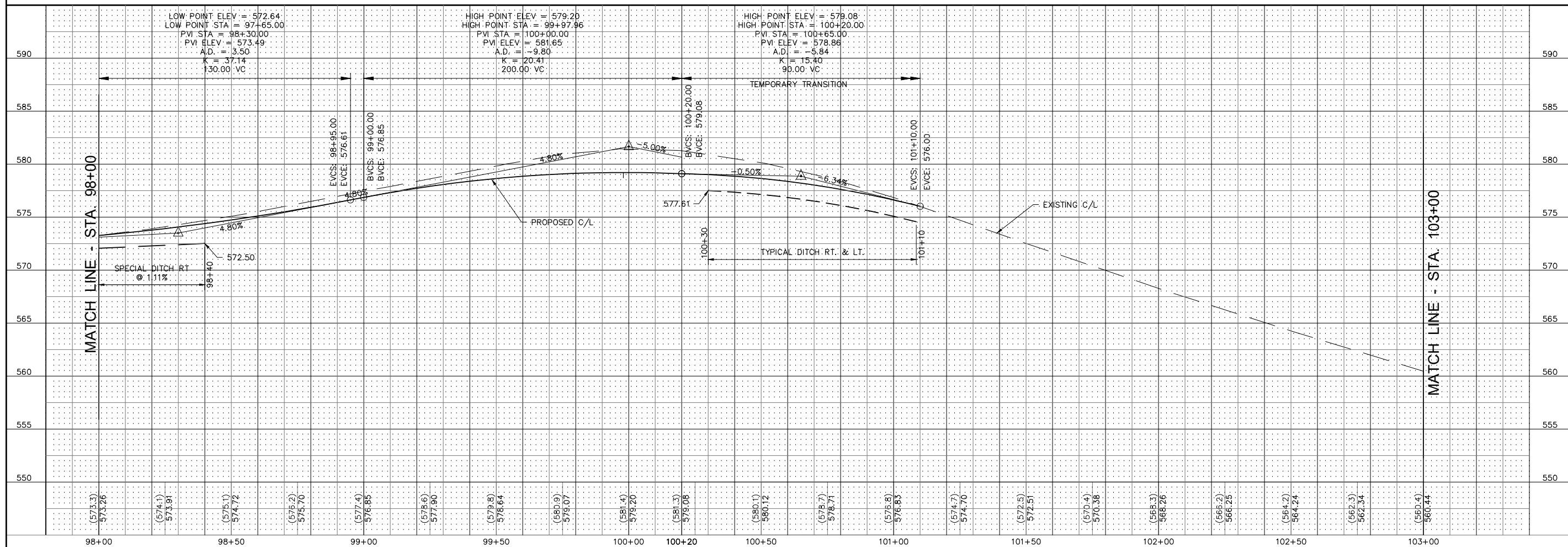
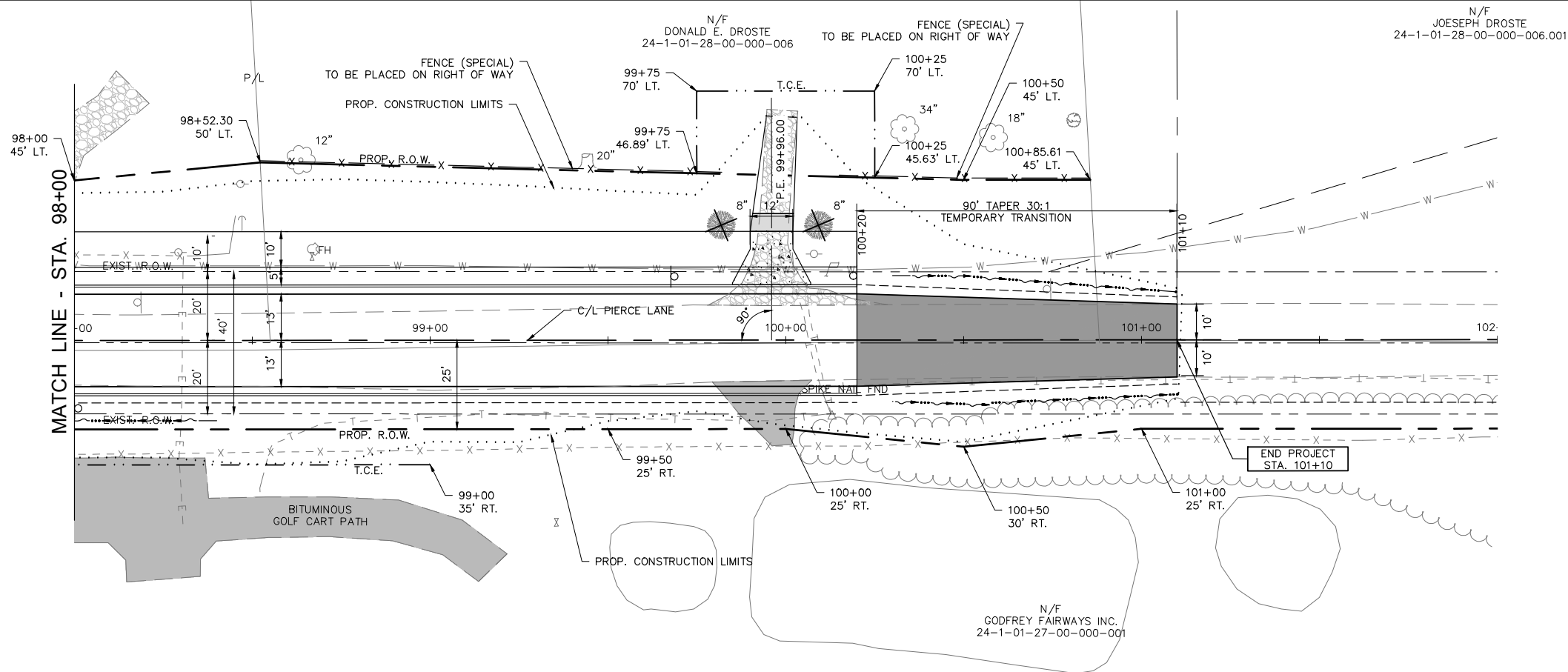
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PIERCE LANE
PLAN AND PROFILE

CONTRACT NO.
97862

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JOB NO. 530093.5	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	
HORZ: 1" = 20'	
VERT: 1" = 5'	

SHEET 12 OF 44

[illegible]

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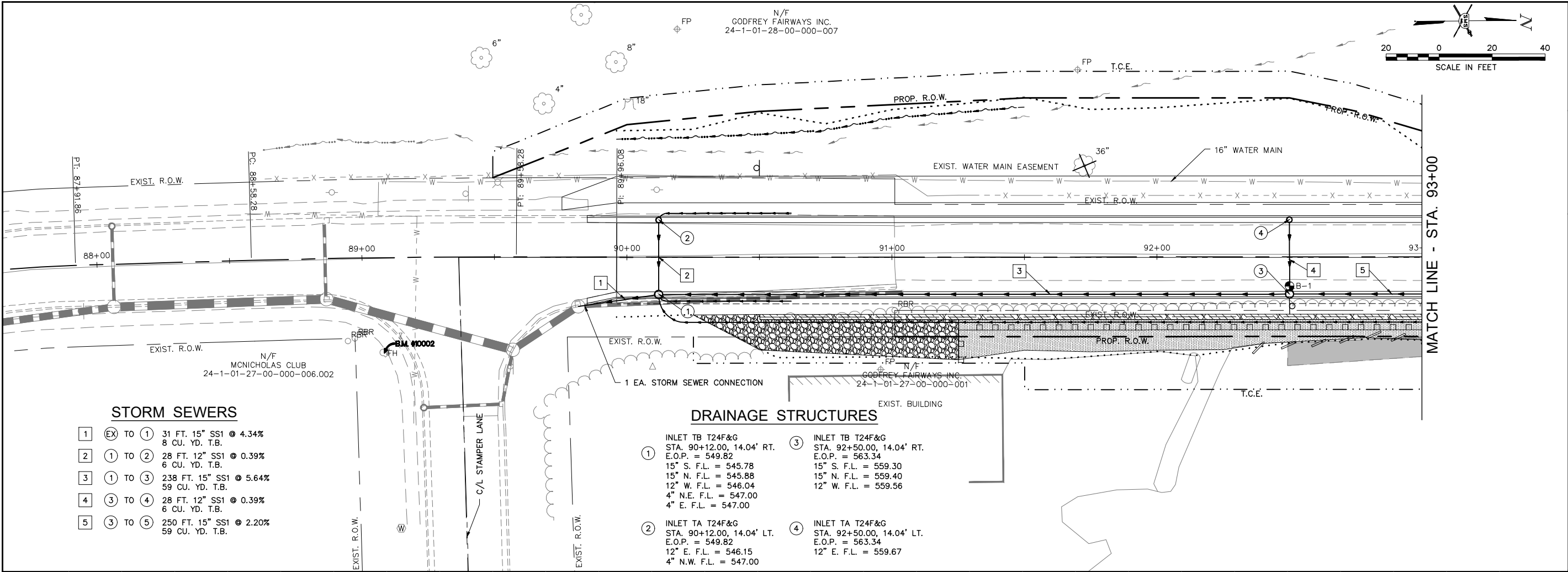


VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
PLAN AND PROFILE

CONTRACT NO.
97862

REF. BK.	PG.
JOB NO. 530093.5	
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE: FEBRUARY, 2025	

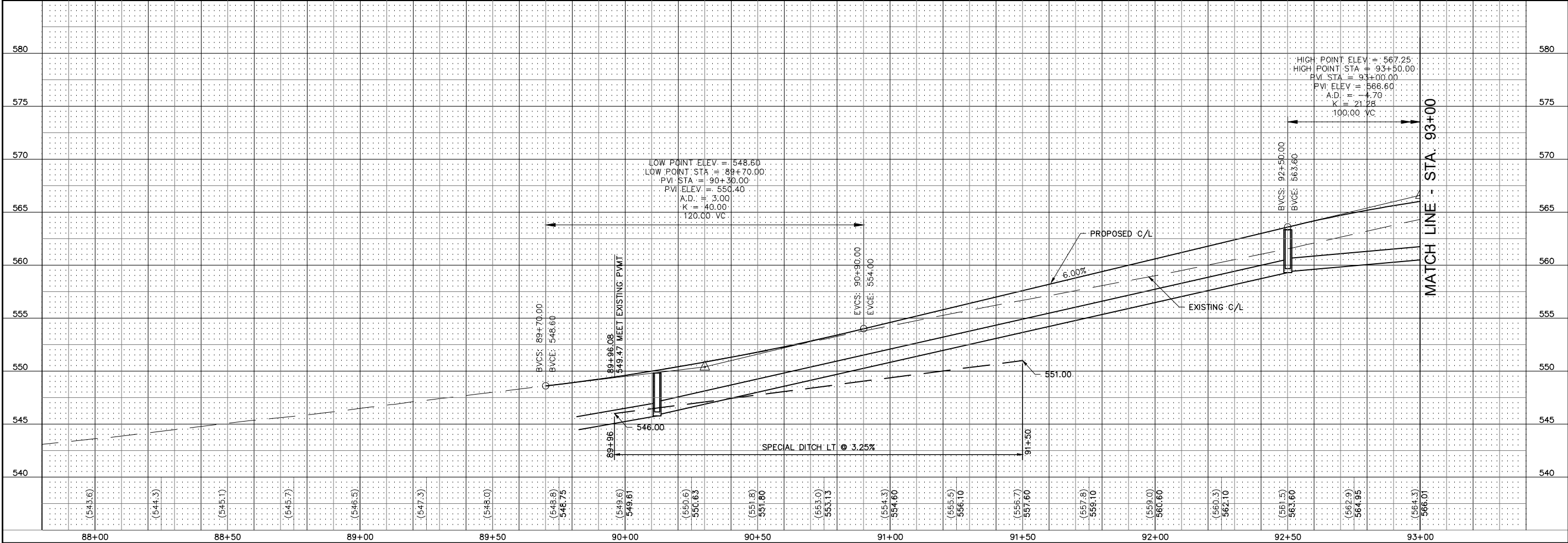
SCALE: HORIZ: 1" = 20'
 VERT: 1" = 5'



STORM SEWERS		
1	EX TO 1	31 FT. 15" SS1 @ 4.34% 8 CU. YD. T.B.
2	1 TO 2	28 FT. 12" SS1 @ 0.39% 6 CU. YD. T.B.
3	1 TO 3	238 FT. 15" SS1 @ 5.64% 59 CU. YD. T.B.
4	3 TO 4	28 FT. 12" SS1 @ 0.39% 6 CU. YD. T.B.
5	3 TO 5	250 FT. 15" SS1 @ 2.20% 59 CU. YD. T.B.

DRAINAGE STRUCTURES

①	INLET TB T24F&G STA. 90+12.00, 14.04' RT. E.O.P. = 549.82 15" S. F.L. = 545.78 15" N. F.L. = 545.88 12" W. F.L. = 546.04 4" N.E. F.L. = 547.00 4" E. F.L. = 547.00	③	INLET TB T24F&G STA. 92+50.00, 14.04' RT. E.O.P. = 563.34 15" S. F.L. = 559.30 15" N. F.L. = 559.40 12" W. F.L. = 559.56
②	INLET TA T24F&G STA. 90+12.00, 14.04' LT. E.O.P. = 549.82 12" E. F.L. = 546.15 4" N.W. F.L. = 547.00	④	INLET TA T24F&G STA. 92+50.00, 14.04' LT. E.O.P. = 563.34 12" E. F.L. = 559.67



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VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
STORM SEWER PLAN AND PROFILE

CONTRACT NO.
97862

REF. BK. PG.
JOB NO. 530093.5
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: FEBRUARY, 2025
SCALE: HORZ: 1" = 20'
VERT: 1" = 5'

SHEET 15 OF 44

TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL PROVIDE THE TRAFFIC CONTROL SHOWN ON THE GENERAL TRAFFIC CONTROL PLAN AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED BELOW AND IN ACCORDANCE WITH THE SPECIFIED HIGHWAY STANDARDS.
2. AT TIMES WHEN ALL TRAFFIC LANES ARE OPEN, PROVIDE TRAFFIC CONTROL AS NEEDED PER HIGHWAY STANDARD 701006 AND 701011.
3. AT TIMES WHEN ONE TRAFFIC LANE IS CLOSED, PROVIDE TRAFFIC CONTROL AS NEEDED PER HIGHWAY STANDARD 701301 AND 701501.
4. IN ORDER TO MINIMIZE THE INCONVENIENCE TO LOCAL TRAFFIC, THIS PROJECT SHALL BE CONSTRUCTED IN STAGES. SEE THE SPECIAL PROVISIONS FOR MORE INFORMATION AND REFER TO THE DETOUR PLAN FOR STAGE 1 AND THE DETOUR PLAN FOR STAGE 2 FOR ADDITIONAL TRAFFIC CONTROL REQUIREMENTS.
6. WHERE A HIGHWAY STANDARD REQUIRES A "ROAD CONSTRUCTION AHEAD" SIGN, THIS REQUIREMENT WILL BE CONSIDERED FULFILLED BY THE SIGNS REQUIRED ON THE GENERAL TRAFFIC CONTROL PLAN.
7. ALL HAZARDS WITHIN WORK ZONES OPEN TO TRAFFIC SHALL BE PROTECTED WITH TYPE I BARRICADES OR DRUMS WITH FLASHING LIGHTS IF LESS THAN 100' IN LENGTH. IF GREATER THAN 100' IN LENGTH, LIGHTS SHALL BE STEADY BURN.
8. ALL CONSTRUCTION SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
9. IF THE CONTRACTOR WISHES TO DEViate FROM THIS TRAFFIC CONTROL PLAN, HE SHALL PROVIDE A REVISED TRAFFIC CONTROL PLAN IN WRITING FOR THE REVIEW AND APPROVAL OF THE ENGINEER.

TRAFFIC CONTROL LEGEND

-  WORK AREA

 TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS

 - CONE, DRUM OR BARRICADE

 **A** SIGN "ROAD CONSTRUCTION AHEAD" W20-1(0) - 48" x 48" WITH MONODIRECTIONAL FLASHING LIGHT

 **B** SIGN "PIERCE LANE CLOSED AHEAD" W20 36" x 36"

 **C** SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18" 

 **D** SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18" 

 **E** SIGN "ROAD CLOSED" R11-2 48" X 30"

 **F** SIGN "ROAD CLOSED 500 FT" W20-3 36" X 36"

 **G** SIGN "PIERCE LANE" BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"

 **H** SIGN BLACK LETTERS ON ORANGE BACKGROUND 30" X 24" 

 **I** SIGN M4-9R 30" x 24" 

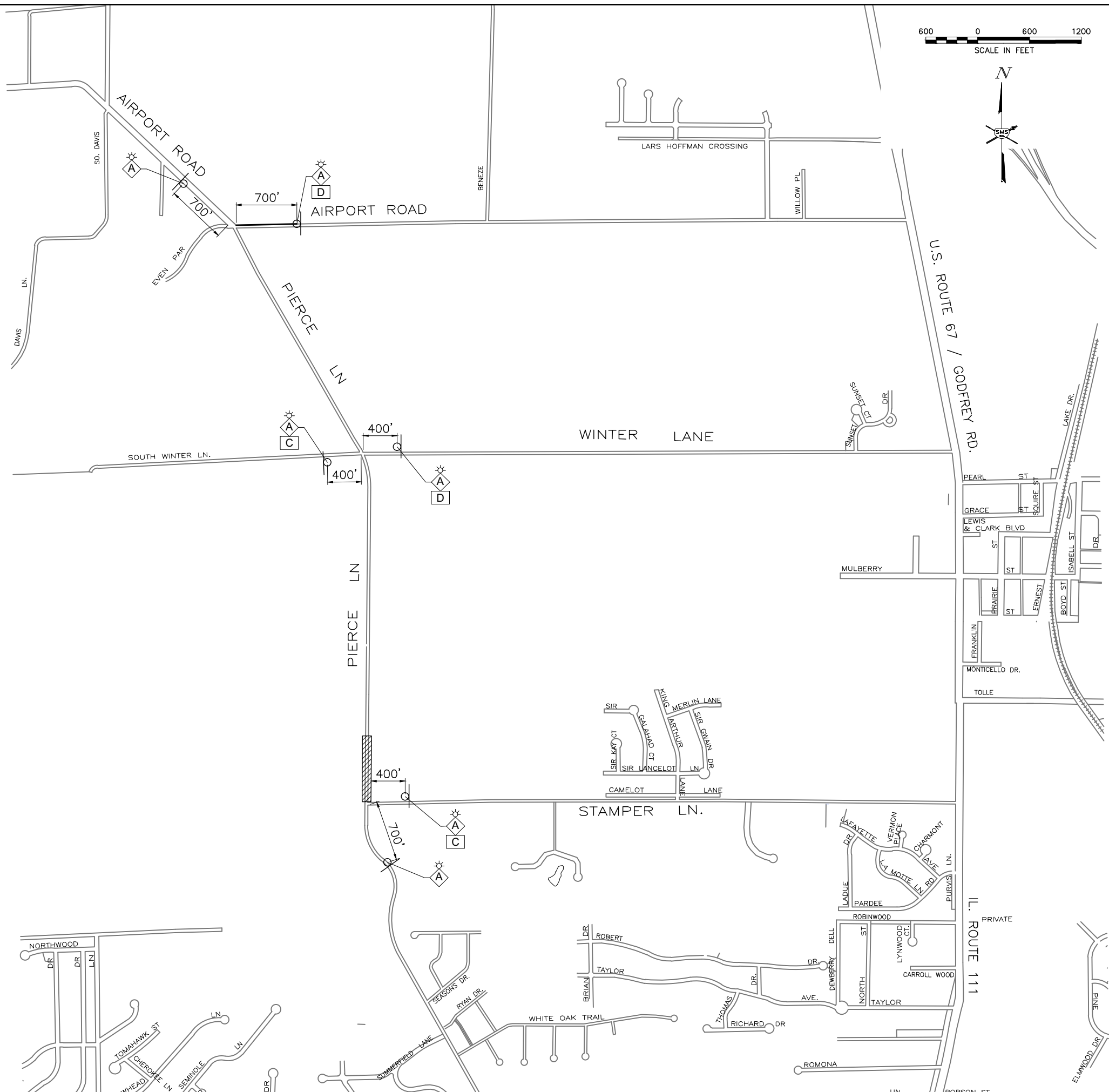
 **J** SIGN M4-9L 30" x 24" 

 **K** SIGN "GOLF COURSE" BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"

 **L** SIGN "DETOUR AHEAD" W20-3 48" x 48"

 **M** SIGN "ROAD CLOSED TO THRU TRAFFIC" R11-4 48" X 30"

 **N** SIGN "SIDEWALK CLOSED" R9-9 24" x 12"

[illegible]

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VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
GENERAL TRAFFIC CONTROL PLAN-ALL STAGES

CONTRACT NO
97862

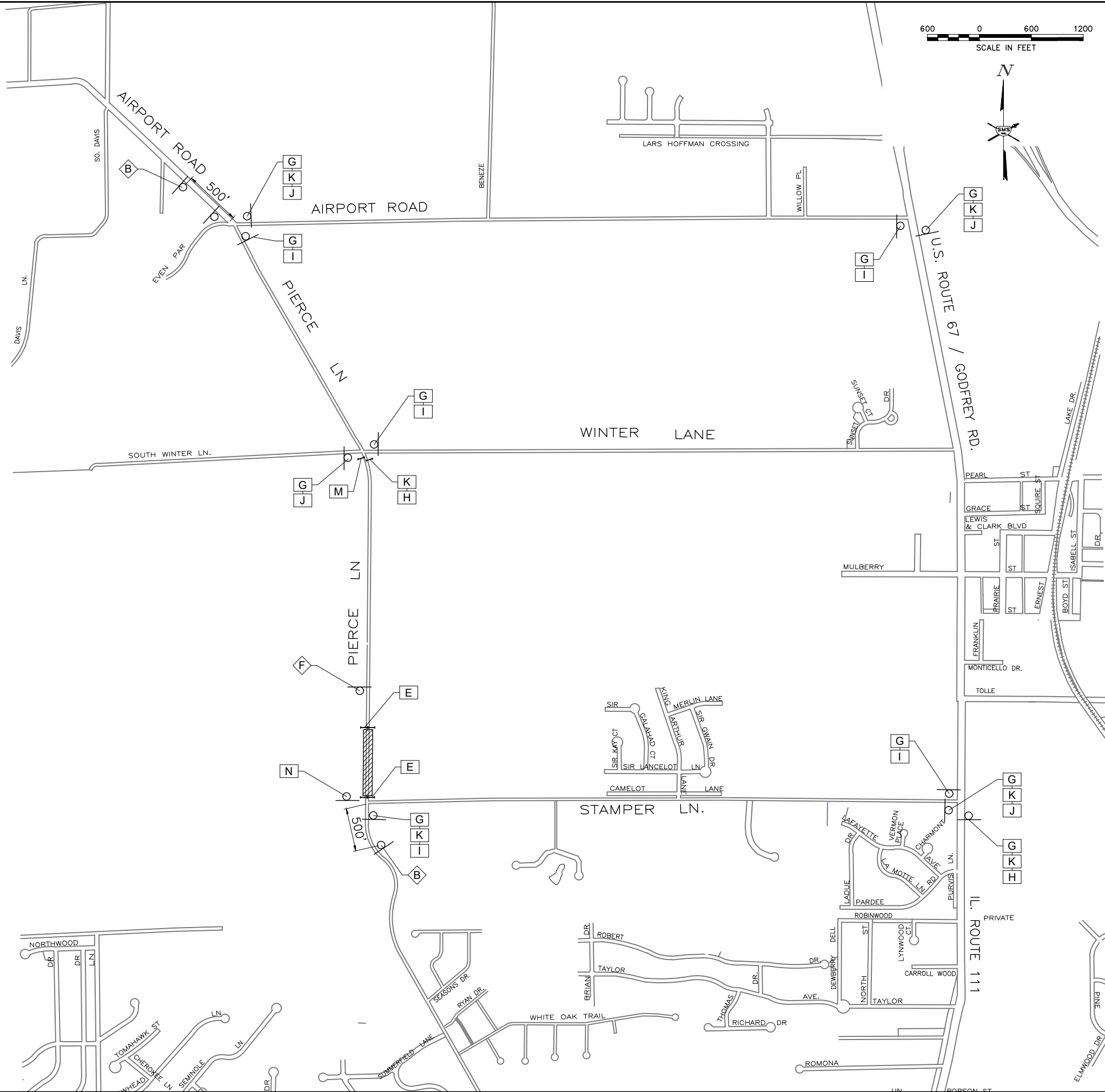
REF. BK.	PG.
JOB NO. 530093.5	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	

SCALE: 1" = 200'

SHEET 17 OF 44

TRAFFIC CONTROL LEGEND

- WORK AREA
- TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS
- CONE, DRUM OR BARRICADE
- A SIGN "ROAD CONSTRUCTION AHEAD" W20-1(0) - 48" x 48" WITH MONODIRECTIONAL FLASHING LIGHT
- B SIGN "PIERCE LANE CLOSED AHEAD" W20 36" x 36"
- C SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- D SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- E SIGN "ROAD CLOSED" R11-2 48" x 30"
- F SIGN "ROAD CLOSED 500 FT" W20-3 36" x 36"
- G SIGN "PIERCE LANE" BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"
- H SIGN BLACK LETTERS ON ORANGE BACKGROUND 30" x 24"
- I SIGN M4-9R 30" x 24"
- J SIGN M4-9L 30" x 24"
- K SIGN "GOLF COURSE" BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"
- L SIGN "DETOUR AHEAD" W20-3 48" x 48"
- M SIGN "ROAD CLOSED TO THRU TRAFFIC" R11-4 48" x 30"
- N SIGN "SIDEWALK CLOSED" R9-9 24" x 12"



REVISIONS	

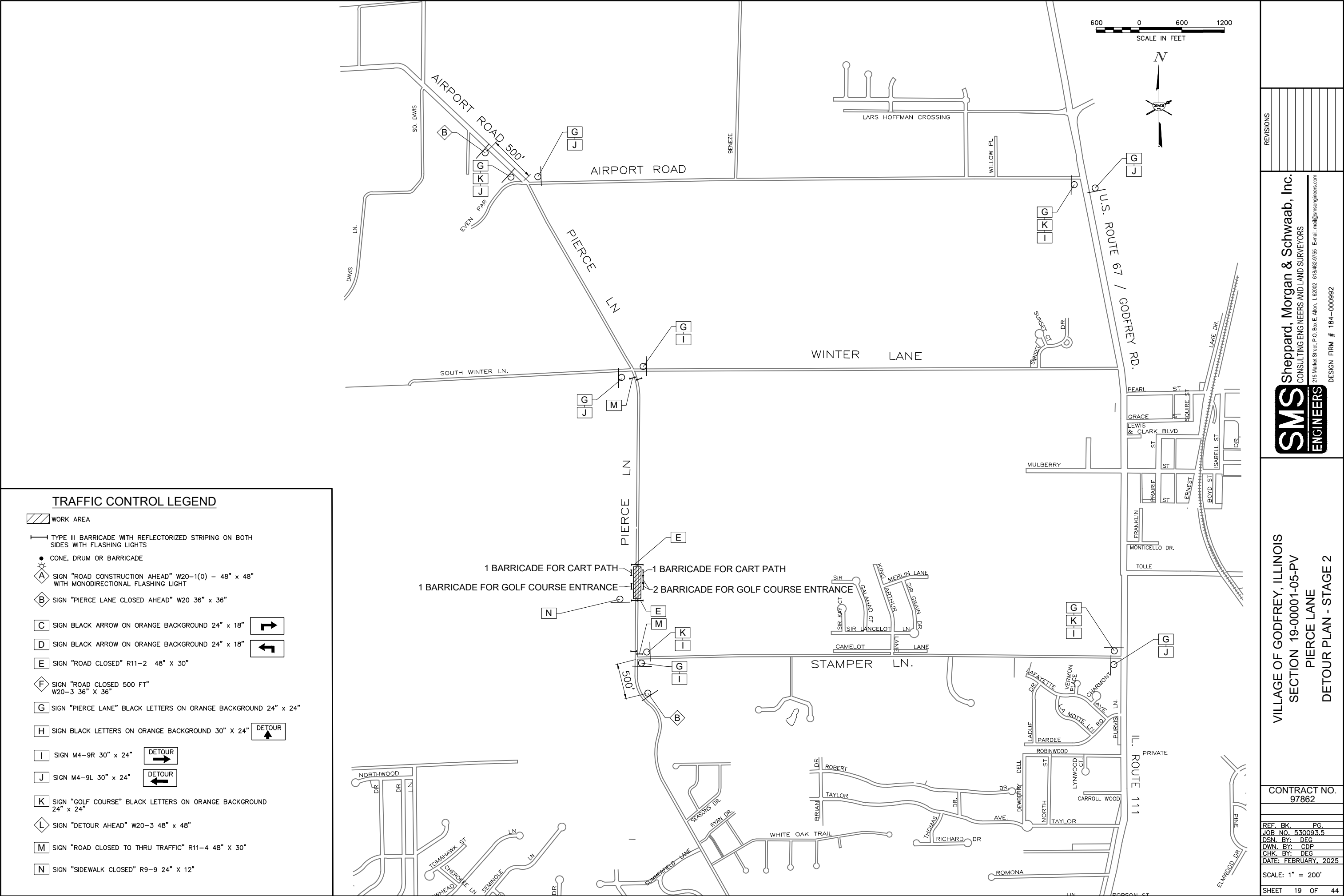
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VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
DETOUR PLAN - STAGE 1

CONTRACT NO. 97862	
REF. BK.	PG.
JOB NO. 530093.5	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	
SCALE: 1" = 200'	
SHEET 18 OF 44	



TRAFFIC CONTROL LEGEND

- WORK AREA
- TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS
- CONE, DRUM OR BARRICADE
- A SIGN "ROAD CONSTRUCTION AHEAD" W20-1(0) - 48" x 48" WITH MONODIRECTIONAL FLASHING LIGHT
- B SIGN "PIERCE LANE CLOSED AHEAD" W20 36" x 36"
- C SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- D SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- E SIGN "ROAD CLOSED" R11-2 48" x 30"
- F SIGN "ROAD CLOSED 500 FT" W20-3 36" x 36"
- G SIGN "PIERCE LANE" BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"
- H SIGN BLACK LETTERS ON ORANGE BACKGROUND 30" x 24"
- I SIGN M4-9R 30" x 24"
- J SIGN M4-9L 30" x 24"
- K SIGN "GOLF COURSE" BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"
- L SIGN "DETOUR AHEAD" W20-3 48" x 48"
- M SIGN "ROAD CLOSED TO THRU TRAFFIC" R11-4 48" x 30"
- N SIGN "SIDEWALK CLOSED" R9-9 24" x 12"

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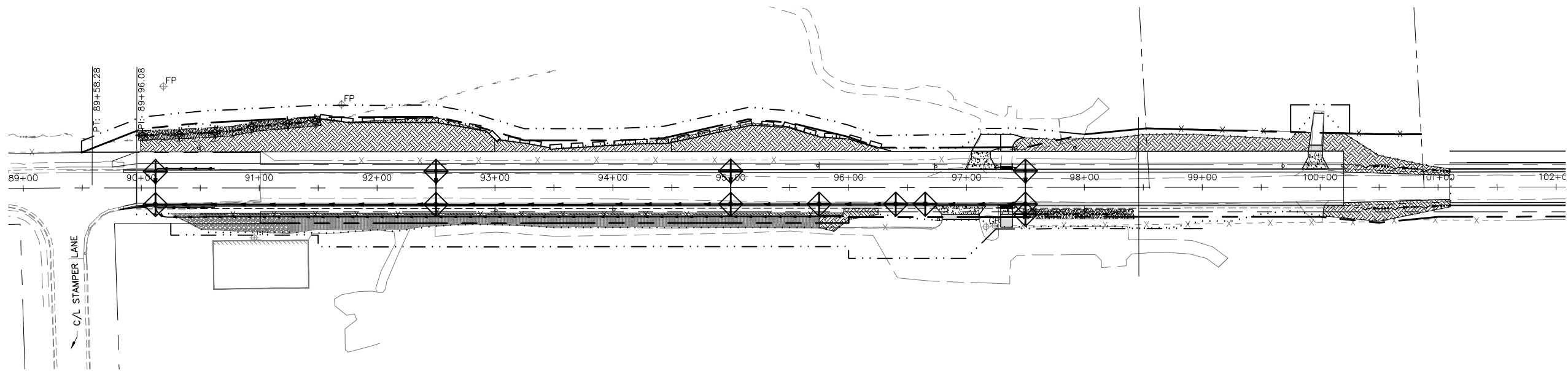
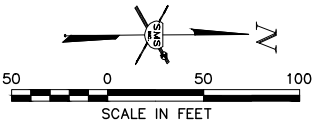
VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
DETOUR PLAN - STAGE 2

CONTRACT NO.
97862

REF. BK.	PG.
JOB NO. 530093.5	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	

SCALE: 1" = 200'

SHEET 19 OF 44



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER – SILT FILTER FENCE OR OTHER AS APPROVED BY ENGINEER
- INLET AND PIPE PROTECTION
- SEEDING, CLASS 2 (MODIFIED) WITH EROSION CONTROL BLANKET
- SEEDING, CLASS 2 (MODIFIED) WITH TURF REINFORCEMENT MAT
- TEMPORARY DITCH CHECK

EROSION CONTROL NOTES

1. EROSION CONTROL ITEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 280 OF THE I.D.O.T. STANDARD SPECIFICATIONS.
2. THIS PLAN SHOWS GENERAL LAYOUT OF EROSION CONTROL ITEMS. THE CONTRACTOR IS RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL AND THEREFORE SHALL MONITOR THE SITE AND REPAIR, MAINTAIN OR MODIFY THE EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED TO COMPLY WITH REGULATIONS.
3. THE CONTRACTOR FOR THIS PROJECT SHALL COMPLY WITH THE ILLINOIS E.P.A. NPDES PERMIT NO. ILR10 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.
4. THIS EROSION CONTROL PLAN SUPPLEMENTS THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT AND INCLUDED IN THE SPECIAL PROVISIONS.
5. THE CONTRACTOR IS REQUIRED TO RETAIN A COPY OF THE SWPPP ON SITE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
6. CONSTRUCTION AND DRIVEWAY ENTRANCES SHALL BE STABILIZED WITH CRUSHED STONE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. THIS WORK SHALL BE PAID FOR PER TON FOR AGGREGATE FOR TEMPORARY ACCESS.
7. TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED IN ACCORDANCE WITH THE SWPPP.
8. CONTRACTOR SHALL INSTALL TEMPORARY DITCH CHECKS IN THE FLOW PATHS OF CONCENTRATED STORM WATERS WHERE THERE IS A POTENTIAL FOR EROSION DUE TO CONSTRUCTION SITE ACTIVITIES. DITCH CHECKS PROVIDED SHALL BE PER ARTICLE 280.04 OR OTHER DITCH CHECK MATERIALS ACCEPTABLE TO THE ENGINEER. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY DITCH CHECKS. SPACING OF DITCH CHECKS SHALL DEPEND ON THE HEIGHT OF THE DITCH CHECK AND THE SLOPE OF THE DITCH, ACCORDING TO THE FOLLOWING FORMULA:
$$\text{DITCH CHECK SPACING (FT.)} = \frac{\text{HEIGHT (FT.)}}{\text{SLOPE (FT./FT.)}}$$

THIS SPACING WILL RESULT IN THE TOP ELEVATION OF THE DITCH CHECK BEING EQUAL TO THE DITCH FLOW LINE ELEVATION AT THE NEXT UPSTREAM DITCH CHECK.
9. THE CONTRACTOR SHALL PROVIDE TEMPORARY INLET AND PIPE PROTECTION AT ALL STORM SEWER PIPE AND INLET STRUCTURES AS REQUIRED TO INTERCEPT WATER BORNE SILT AND SEDIMENT AND PREVENT IT FROM ENTERING STORM SEWER SYSTEMS. THIS ITEM MAY CONSIST OF EMBEDDED HAY OR STRAW BALES, SILT FILTER FENCE, SAND BAGS OR OTHER APPROVED METHODS.

VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
EROSION CONTROL

CONTRACT NO.
97862

REF. BK. PG.
JOB NO. 530093.5
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: FEBRUARY, 2025

SCALE: 1" = 50'

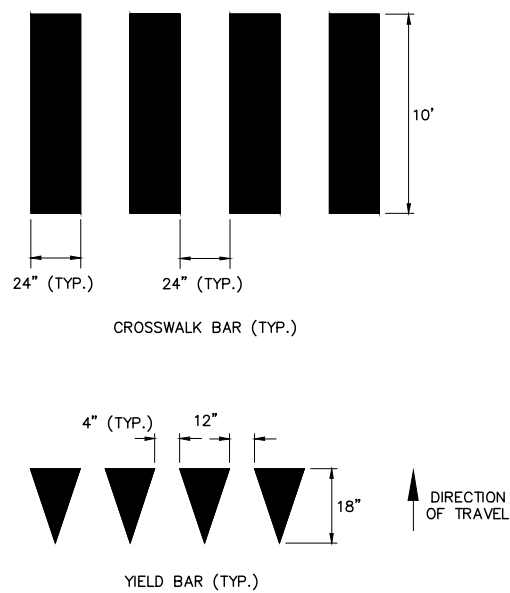
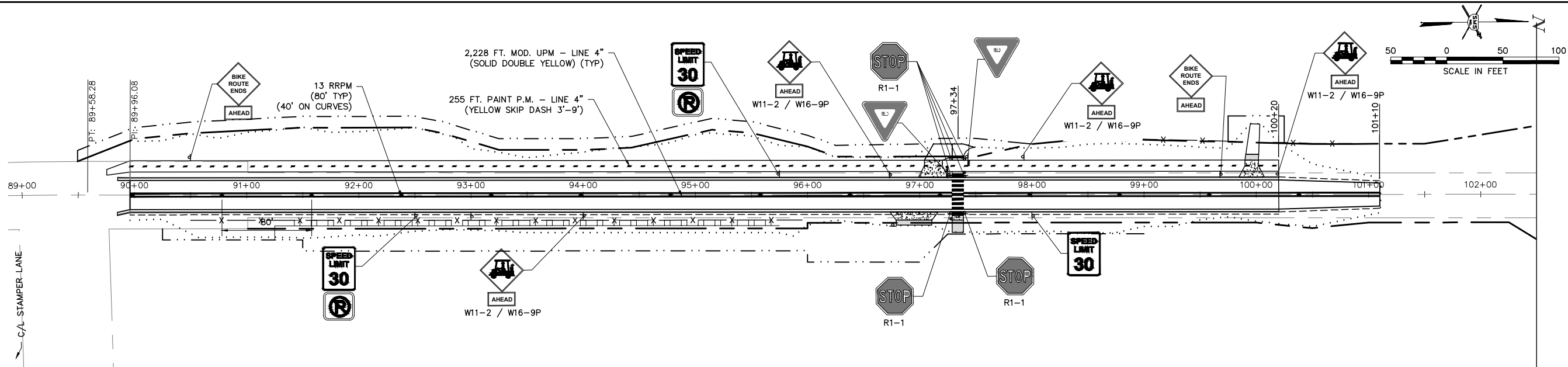
SHEET 20 OF 44

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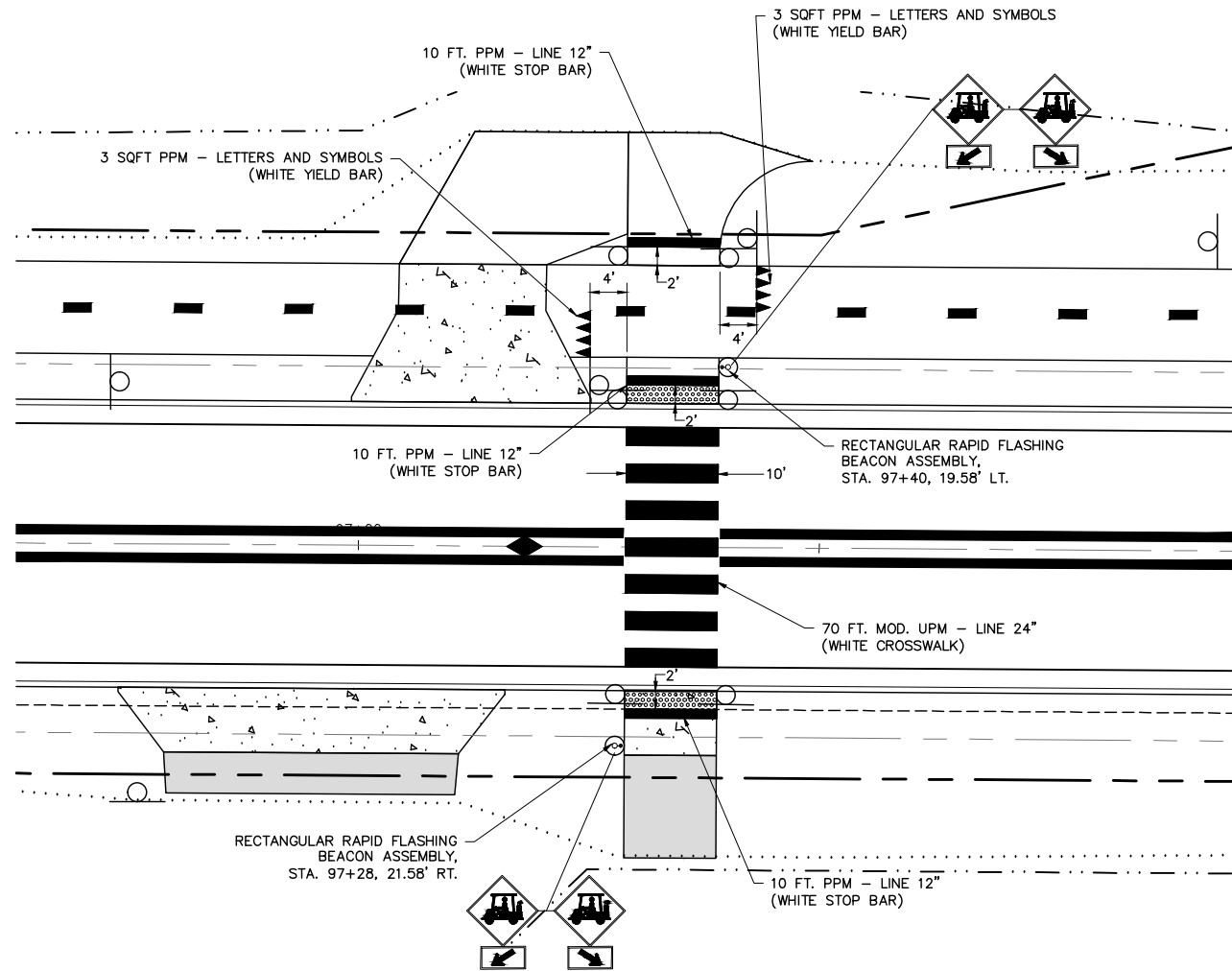
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REVISIONS



PAVEMENT MARKING
DETAILS

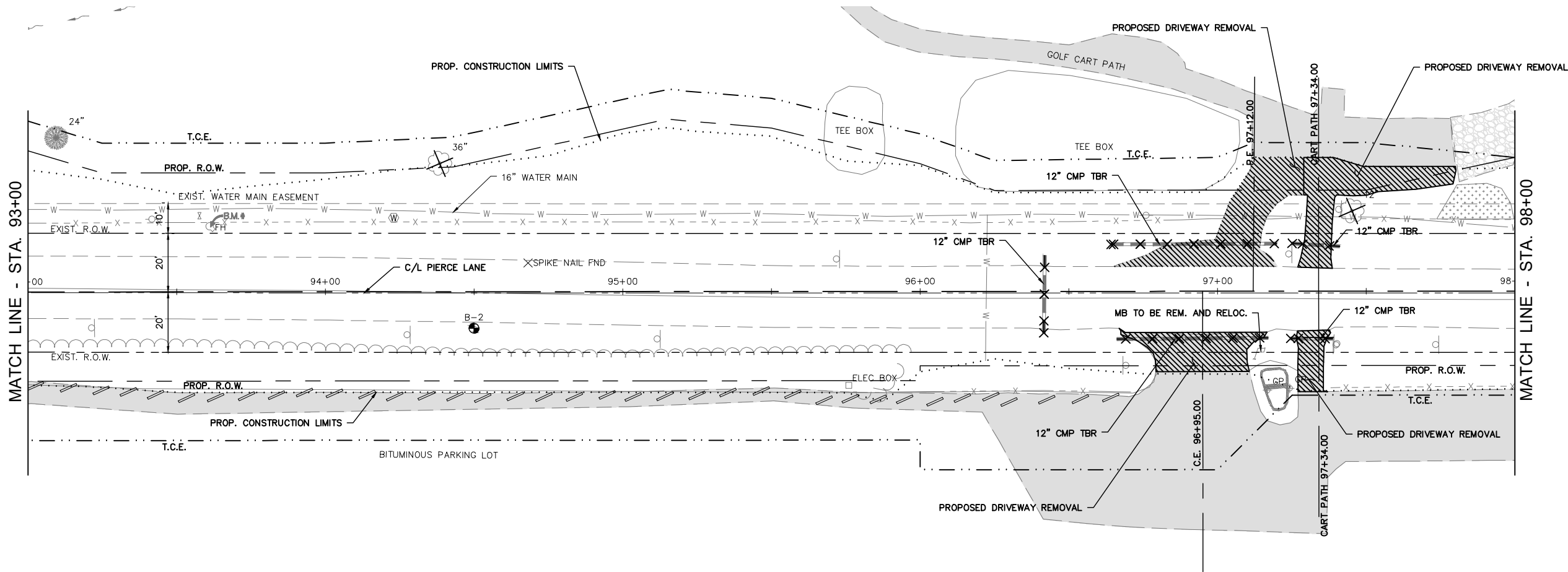
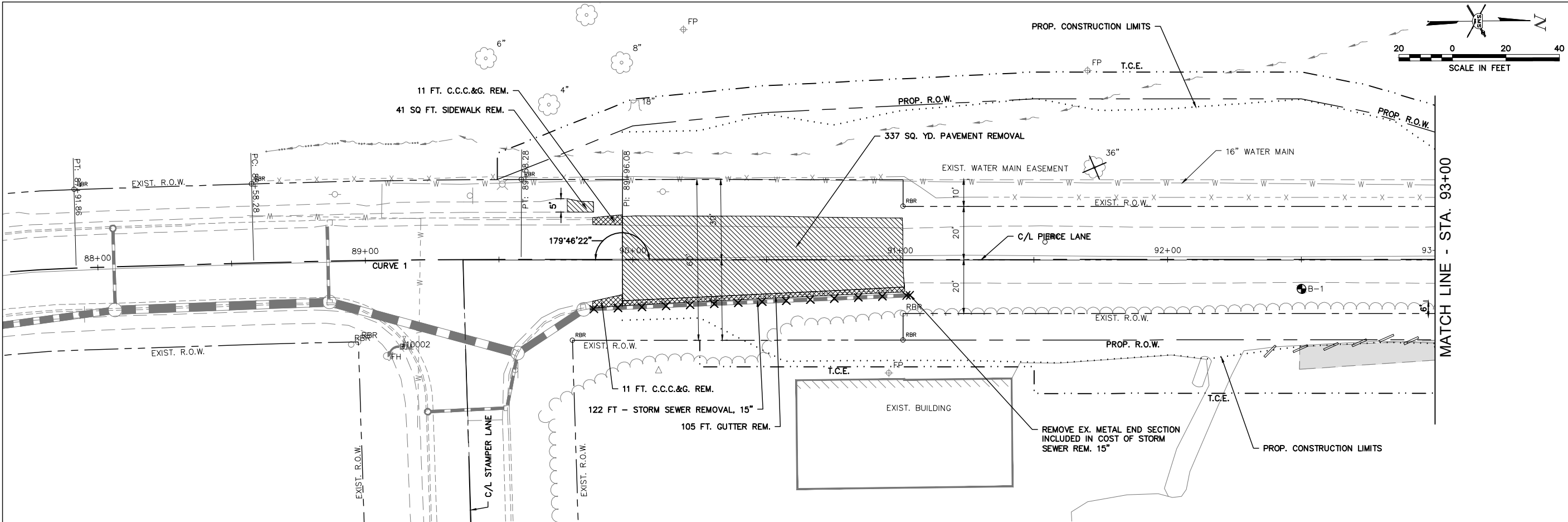


GOLF CART CROSSING
STA. 97+34

NOTES

1. MODIFIED URETHANE PAVEMENT MARKING IS ABBREVIATED AS MOD UPM
2. PAINT PAVEMENT MARKING IS ABBREVIATED AS PPM
3. RAISED REFLECTIVE PAVEMENT MARKER IS ABBREVIATED AS RRPM

REVISIONS	
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ENGINEERS DESIGN FIRM # 184-000992	
VILLAGE OF GODFREY, ILLINOIS SECTION 19-00001-05-PV PIERCE LANE PAVEMENT MARKING	
CONTRACT NO. 97862	
REF. BK.	PG.
JOB NO. 530093.5	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	
SCALE: 1" = 50'	
SHEET	21 OF 44



NOTE: SEE SPECIAL PROVISIONS FOR CLEARING, SPECIAL

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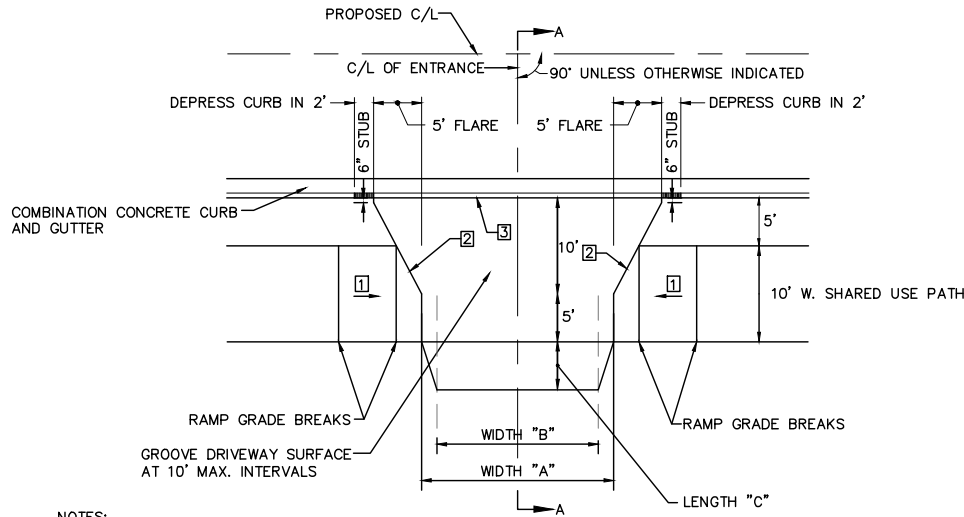
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VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
REMOVAL PLAN

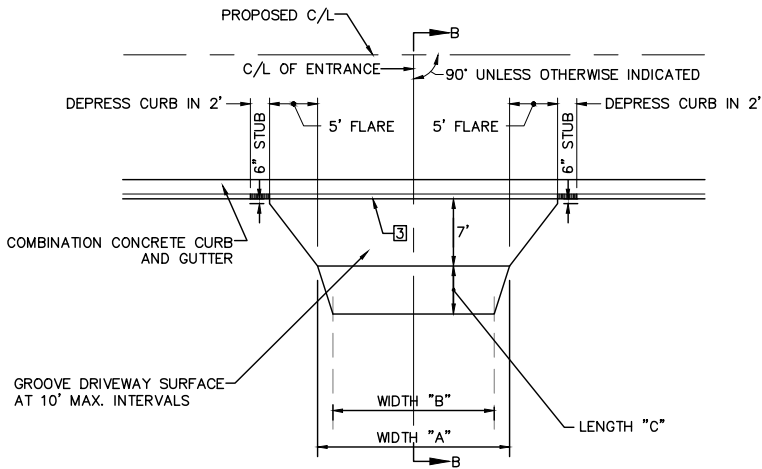
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REF. BK.	PG.
JOB NO.	530093.5
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	FEBRUARY, 2025
SCALE:	1" = 20'
SHEET	22 OF 44

23 OF 44



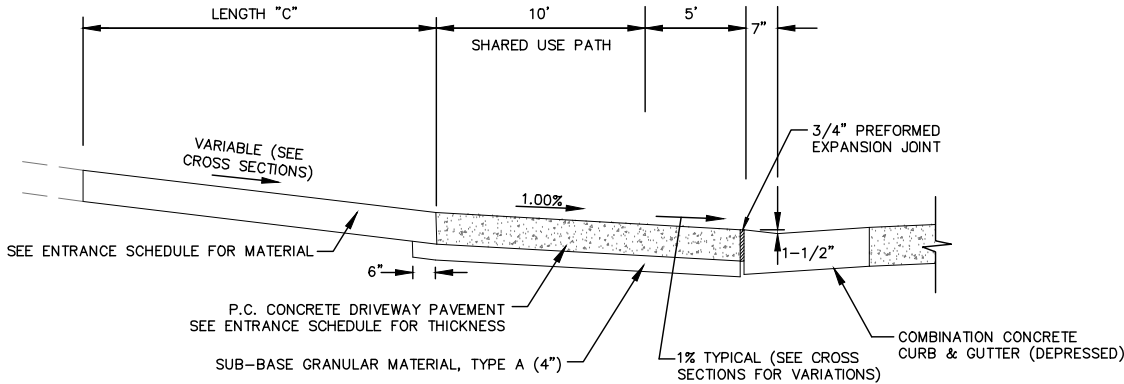
NOTES:
1 RAMP 1:12 MAX. OR 15' MAX. LENGTH
2 1/2" EXPANSION JOINT
3 3/4" EXPANSION JOINT
SEE ENTRANCE SCHEDULE ON SHEET 9 FOR DIMENSIONS A, B & C.

PLAN
TYPICAL ENTRANCE DETAIL A (WEST SIDE)
SCALE: 1"=10'

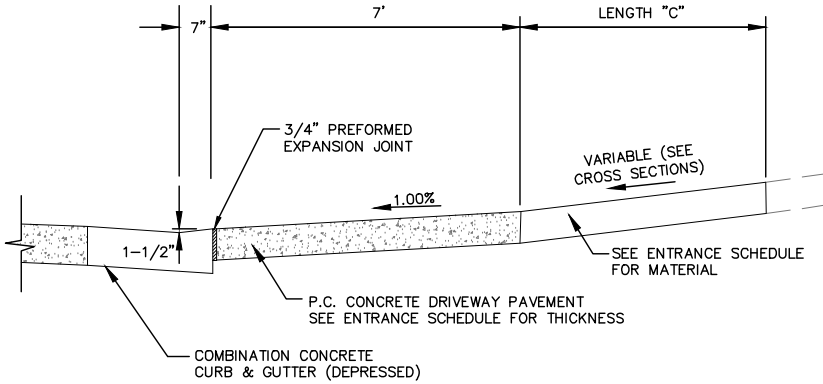


NOTES:
3 3/4" EXPANSION JOINT
SEE ENTRANCE SCHEDULE ON SHEET 9 FOR DIMENSIONS A, B & C.

PLAN
TYPICAL ENTRANCE DETAIL B (EAST SIDE)
SCALE: 1"=10'



SECTION A-A
NO SCALE



SECTION B-B
NO SCALE

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VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
CONSTRUCTION DETAILS

CONTRACT NO.
97862

REF. BK.	PG.
JOB NO. 530093.5	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	

SCALE: NONE

SHEET 24 OF 44

SOLAR PANEL AFFIXED TO ALUMINUM PLATE BRACKET
ADJUSTABLE AT ANGLE OF 45° TO 60° VERTICALLY AND
360° ROTABLE TO FACILITATE ADJUSTMENT FOR MAXIMUM
SOLAR COLLECTION AND OPTIMAL BATTERY STRENGTH

CONTROL BOX AND BATTERY CABINET

TYPICAL EQUIPMENT ATTACHMENT BRACKET
ALL EQUIPMENT SHALL BE ATTACHED TO THE
SIGNAL POLE IN ACCORDANCE WITH MANUFACTURES
RECOMMENDATIONS AND IDOT STANDARDS

SIGN W11-11
30" X 30"
2 SIGNS
BACK TO BACK

RECTANGULAR
RAPID-FLASHING
BEACON - APROX.
24" X 4" X 1 1/2"
2 EACH MOUNTED
BACK TO BACK
(SEE NOTE 3)

SIGN W16-7P
24" X 12"
2 SIGNS
BACK TO BACK

TRAFFIC SIGNAL POST

CROSS TRAFFIC MAY NOT STOP
USE CAUTION WHEN CROSSING
SIGN 12" X 12"

PEDESTRIAN PUSH BUTTON
AND SIGN ASSEMBLY

10" MAX

FOUNDATION IN ACCORDANCE WITH POST
MANUFACTURERS RECOMMENDATIONS
(COST INCLUDED IN RECTANGULAR RAPID
FLASHING BEACON ASSEMBLY (COMPLETE))

SIDEWALK

2'-0"
MIN. PER
MUTCD



CROSS TRAFFIC MAY NOT STOP
USE CAUTION WHEN CROSSING
SIGN (12" X 12")
CART SYMBOL - 4" (IN)
LETTERS - 1"
LEGEND - BLACK
BACKGROUND - WHITE

RECTANGULAR RAPID FLASHING
BEACON ASSEMBLY (COMPLETE)
NOTES

- ALL SIGNS SHALL BE CONSTRUCTED WITH DIAMONDGRADE REFLECTIVE SHEETING IN ACCORDANCE WITH SECTIONS 720 AND 1091 OF THE STANDARD SPECIFICATIONS.
- CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RAPID FLASHING BEACON MANUFACTURER AS REQUIRED TO HOUSE CONTROLLER AND COMPONENTS. THE CONTROLLER CABINET MAY BE INTEGRATED INTO THE SOLAR PANEL ASSEMBLY.
- BEACON ASSEMBLY SHALL BE MOUNTED ON THE SIDE OF THE POST OR ON THE TOP OF THE POST. A SOLAR POWER UNIT MAY BE INSTALLED ON TOP OF THE MOUNT.
- RRFB DISPLAYS SHALL BE LED TYPE MEETING THE INTENSITY REQUIREMENTS OF SAE J595 FOR CLASS 1 YELLOW, BUT SHALL NOT EXCEED 1000 CANDELAS DURING DAYLIGHT AND 500 CANDELAS AFTER DARK.
- SEE HIGHWAY STANDARD 720001 (SIGN PANEL MOUNTING DETAILS)
- W11-11 AND W16-7P SIGNS SHALL BE YELLOW IN COLOR TO MATCH EXISTING SIGNS AND TYP A2 SHEETING.
- MAXIMUM REACH LENGTH TO PED. PUSH BUTTONS SHALL BE 10" PER HWY. STD. 876001.
- SEE SPECIAL PROVISIONS FOR PAINTING/COLOR REQUIREMENTS FOR POSTS, SIGNS, AND APPURTENANCES.
- PROVIDE PUSH BUTTON EXTENSIONS IF NEEDED. INCLUDED IN THE COST.

RECTANGULAR RAPID FLASHING
BEACON ASSEMBLY (COMPLETE)
DETAIL

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215 Market Street, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
CONSTRUCTION DETAILS

CONTRACT NO.
97862

REF. BK.	PG.
JOB NO. 530093.5	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	

SCALE: NONE

SHEET 25 OF 44

BORING LOGS
B1-B2

DocuSign Envelope ID: 28A38F4F-30A7-4EEE-B376-3BAD787F26E9



BORING LOG

PROJECT Pierce Lane

LOCATION Godfrey, Illinois

DRILLER Midwest Drilling, Inc.

EQUIPMENT CME-750 w/4" CFA

BORING NUMBER B-1

SHEET 1 of 1

PROJECT NO. 2023-0752.10

HAMMER Automatic

ELEVATION 561±

DATE DRILLED 06/20/2023

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)	
	NUMBER	TYPE	RECOVERY (in/ft)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX			
1	1	SS	12/18	4	15" ASPHALTIC CONCRETE		1	18	2.5							
				3												
3				4	FILL: Brown, lean clay, trace fine- to coarse-grained sand LEAN CLAY (CL): Brown, with fine- to coarse-grained sand, some fine to coarse gravel		1	18	110	2.4	36	22				558
				3												
2	SS	24/24						18								555
6	3	SS	18/18	3				18	4.0							552
				4												
9	4	SS	18/18	3				17	4.0							549
				4												
12					SANDY LEAN CLAY (CL): Brown, some fine to coarse gravel, sand is fine- to coarse-grained			12	5.5							546
15	5	SS	17/18	4				19	--							543
				6												
18	6	SS	12/18	2	POORLY GRADED SAND WITH CLAY (SP-SC): Brown, fine- to coarse-grained, clay is lean			2								
				3												
				9												

Boring terminated at 20 feet.

WATER LEVEL:

NONE OBSERVED WHILE DRILLING

17.0 ft WHILE DRILLING

ft HRS AFTER DRILLING

ft DAYS AFTER DRILLING

REMARKS:

1) Percent passing the number 200 sieve: 60.1%

2) Percent passing the number 200 sieve: 6.6%

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BORING LOG

PROJECT Pierce Lane

LOCATION Godfrey, Illinois

DRILLER Midwest Drilling, Inc.

EQUIPMENT CME-750 w/4" CFA

BORING NUMBER B-2

SHEET 1 of 1

PROJECT NO. 2023-0752.10

HAMMER Automatic

ELEVATION 573±

DATE DRILLED 06/20/2023

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)	
	NUMBER	TYPE	RECOVERY (in/ft)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX			
1	1	SS	16/18	3	2.5" ASPHALTIC CONCRETE 5" CRUSHED ROCK FAT CLAY (CH): Brown, trace fine- to coarse-grained sand			21	7.5							570
				4												
3								24	5.5							567
6	2	SS	18/18	3	LEAN CLAY (CL): Brown, trace fine- to coarse-grained sand			14	96.5	1.5	31	11				564
				4												
9	3	ST	24/24					17	6.5	35	16					561
12	4	SS	18/18	6				14	2.5							558
				7												
15	5	SS	18/18	4	SANDY LEAN CLAY (CL): Brown, some fine to coarse gravel, sand is fine- to coarse-grained			2	14	4.5						555
				5												
18	6	SS	18/18	3												
				4												
				5												

Boring terminated at 20 feet.

WATER LEVEL:

NONE OBSERVED WHILE DRILLING

ft WHILE DRILLING

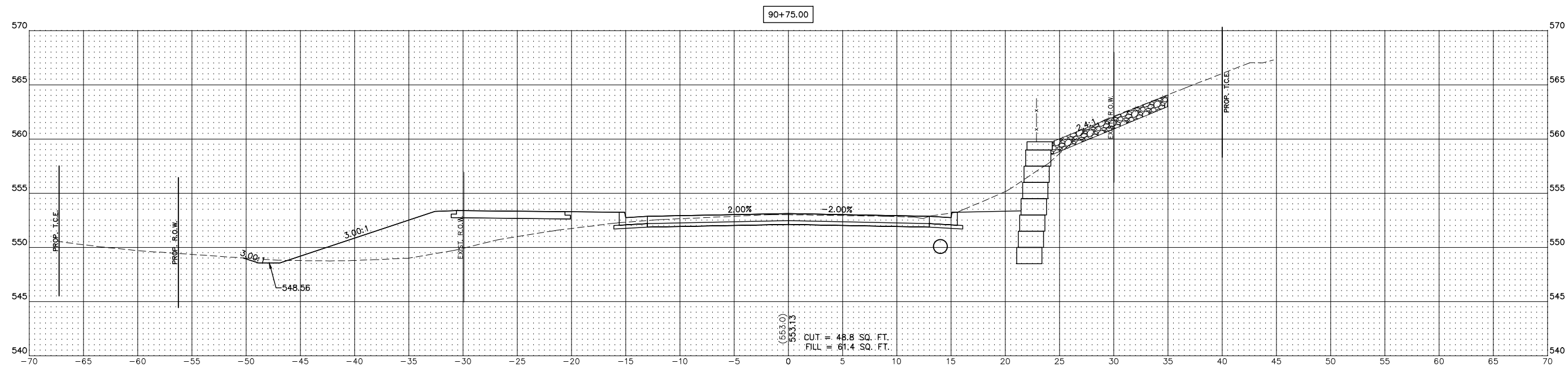
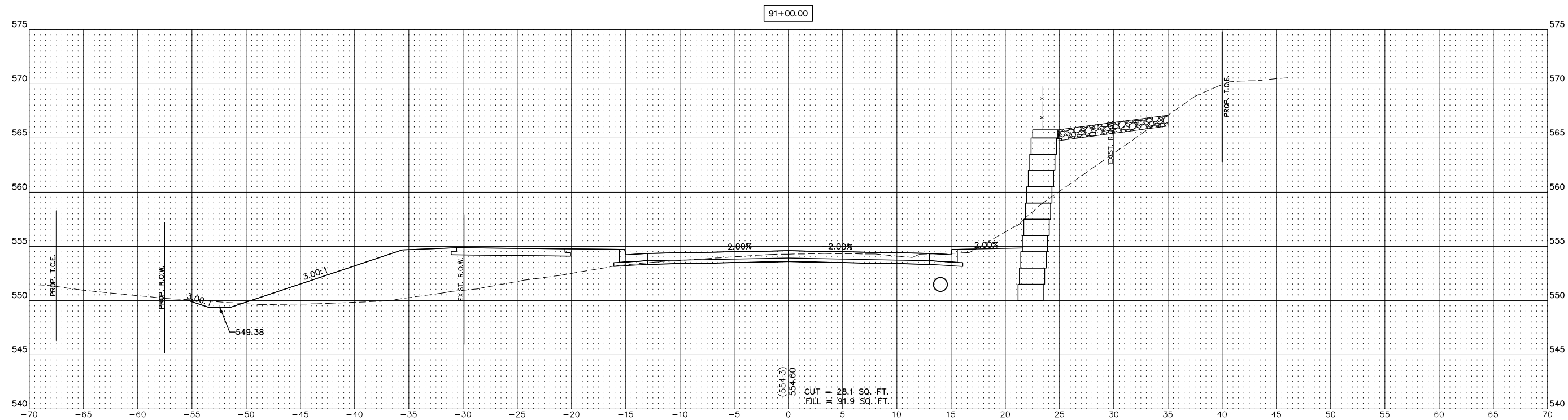
ft HRS AFTER DRILLING

ft DAYS AFTER DRILLING

REMARKS:

1) Percent passing the number 200 sieve: 97.1%

2) Percent passing the number 200 sieve: 52.2%



REVISIONS

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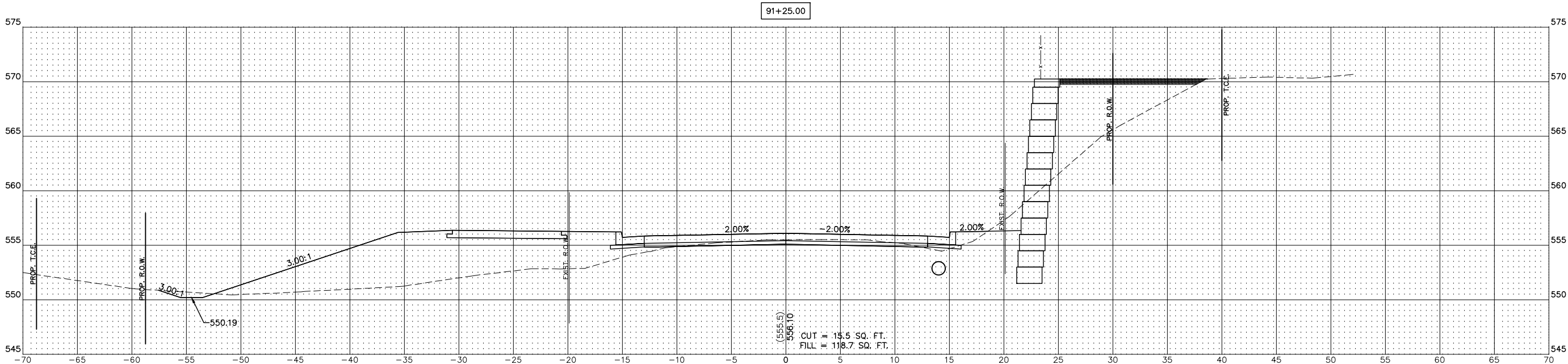
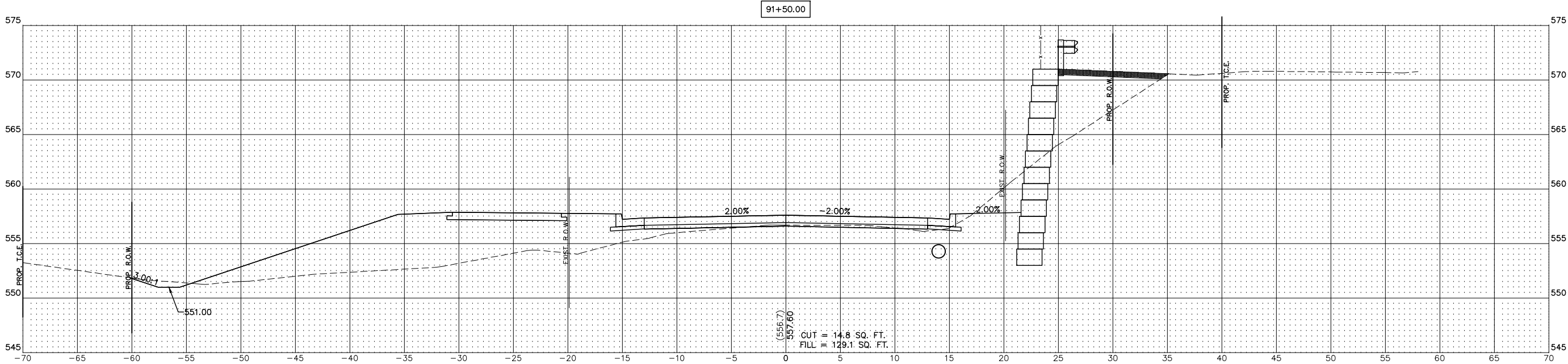
VILLAGE OF GODFREY, ILLINOIS
SECTION 19-00001-05-PV
PIERCE LANE
CROSS SECTIONS

CONTRACT NO.
97862

REF. BK.	PG.
JOB NO.	530093.5
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	FEBRUARY, 2025

SCALE: HORZ: 1"=5'
 VERT: 1"=5'

SHEET 28 OF 44



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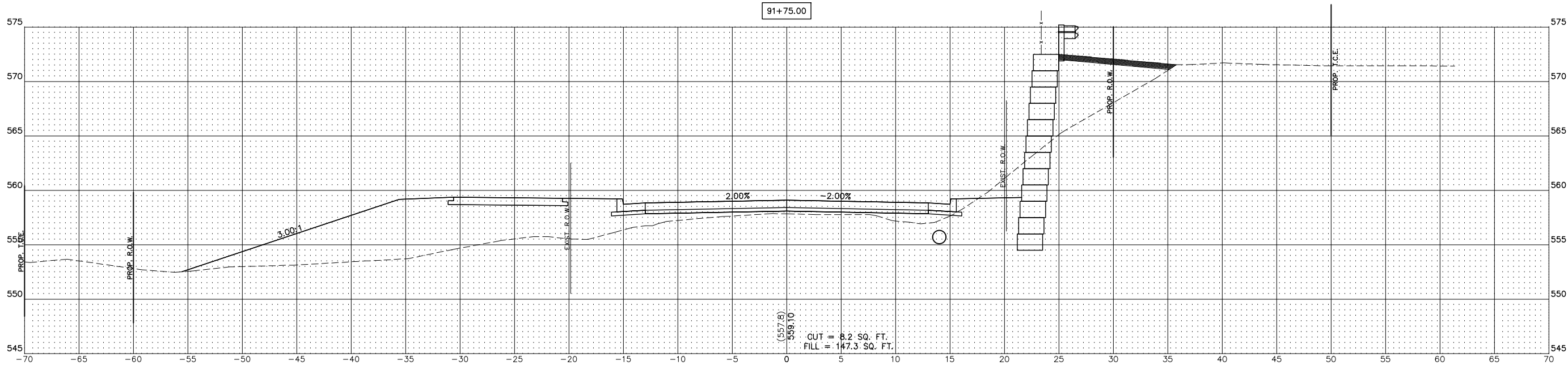
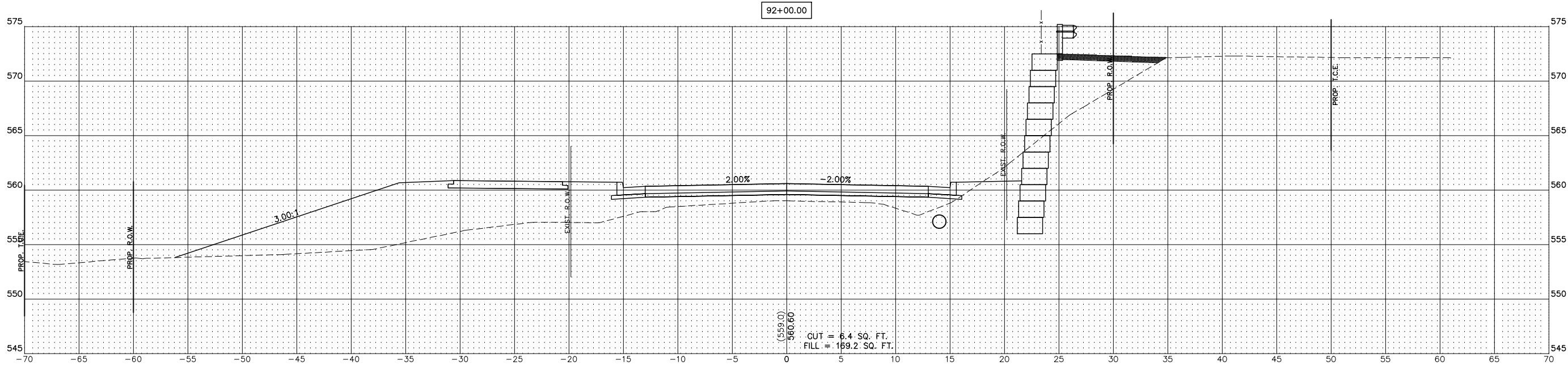
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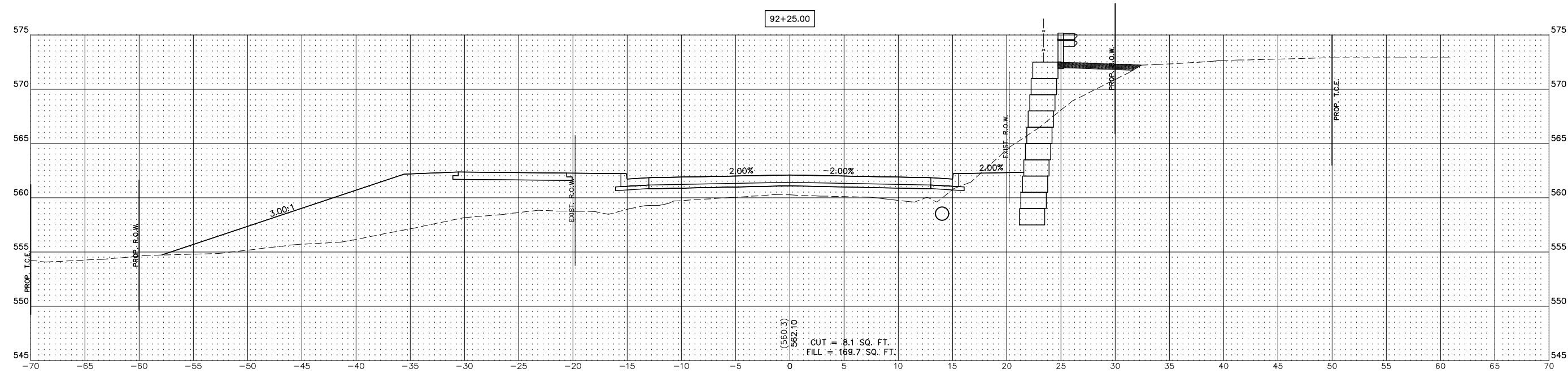
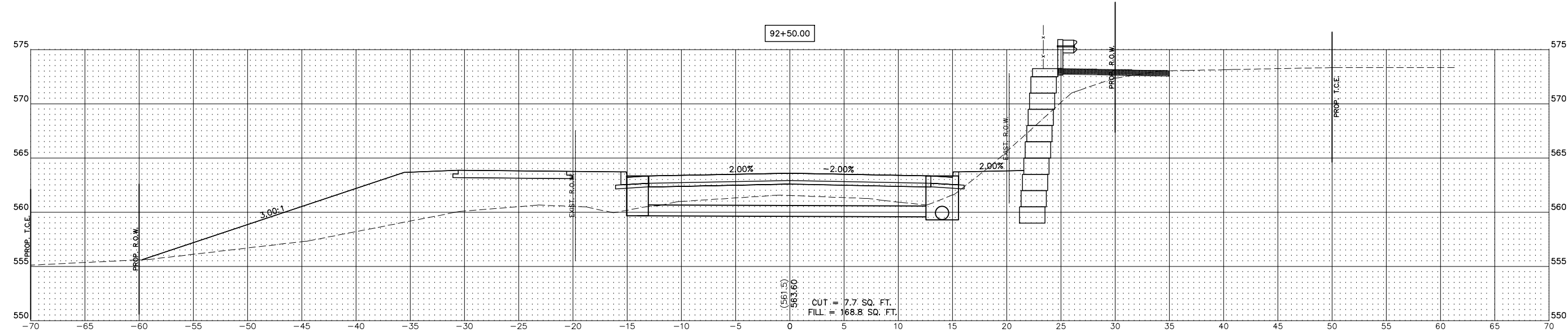
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VERT: 1"=5'

SHEET 30 OF 44



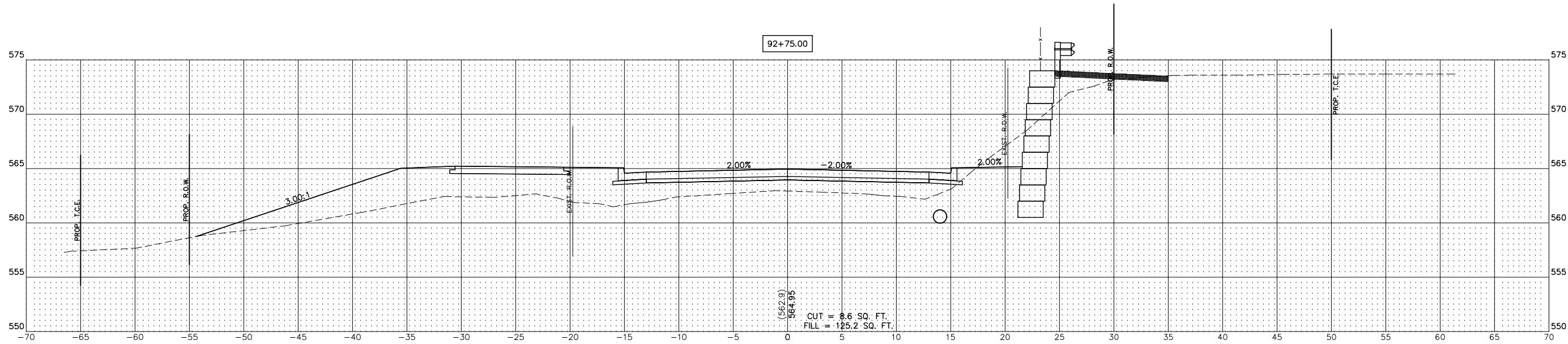
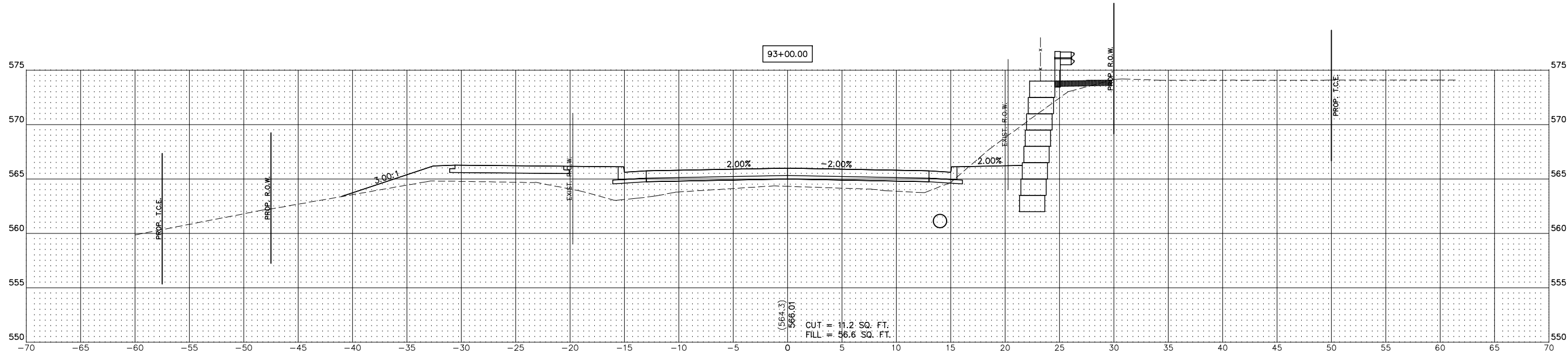
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	VERT: 1"=5'
SHEET 31	OF 44



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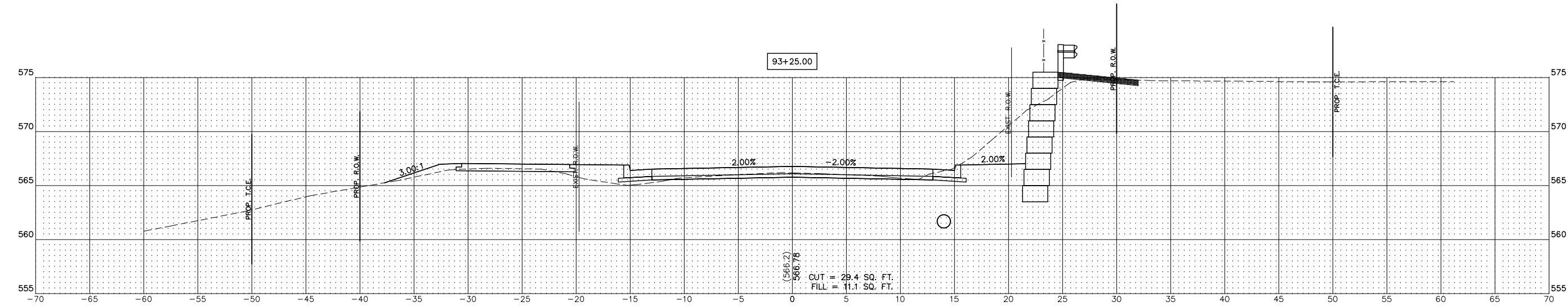
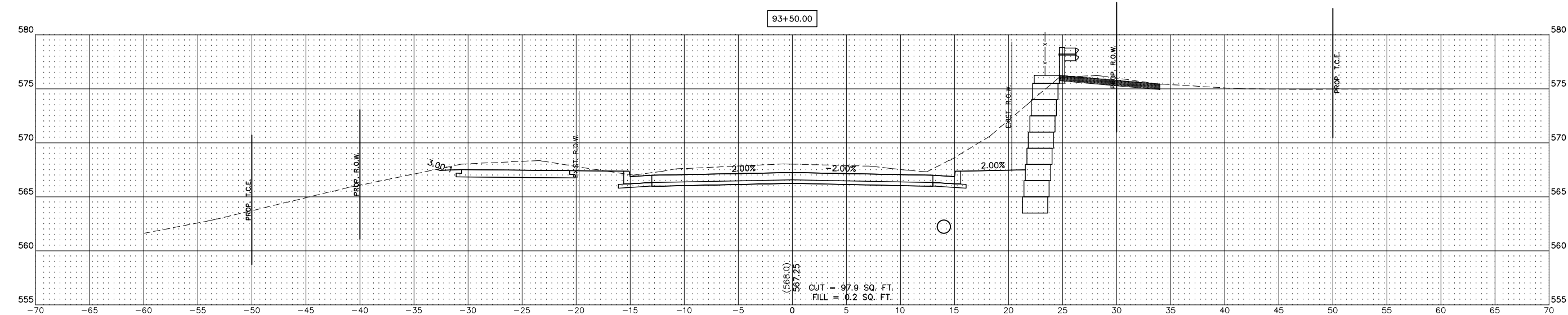
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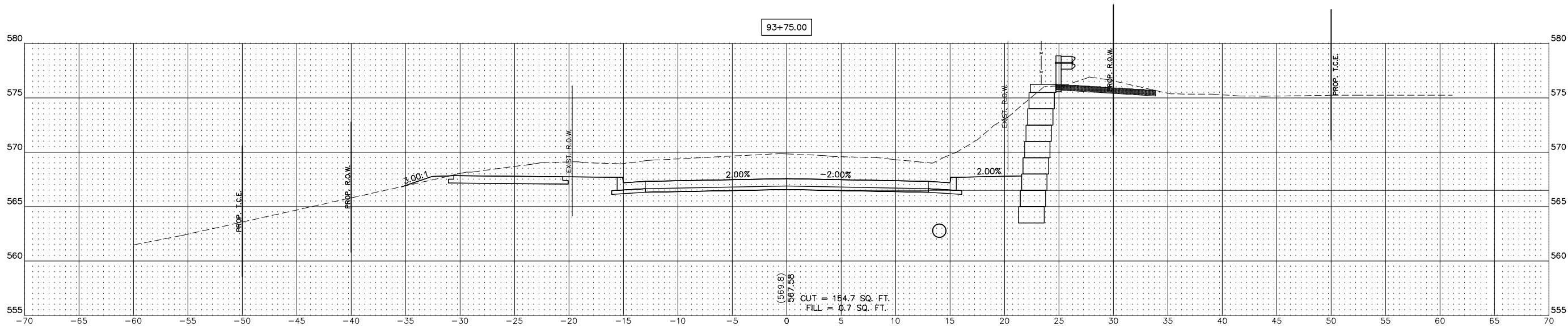
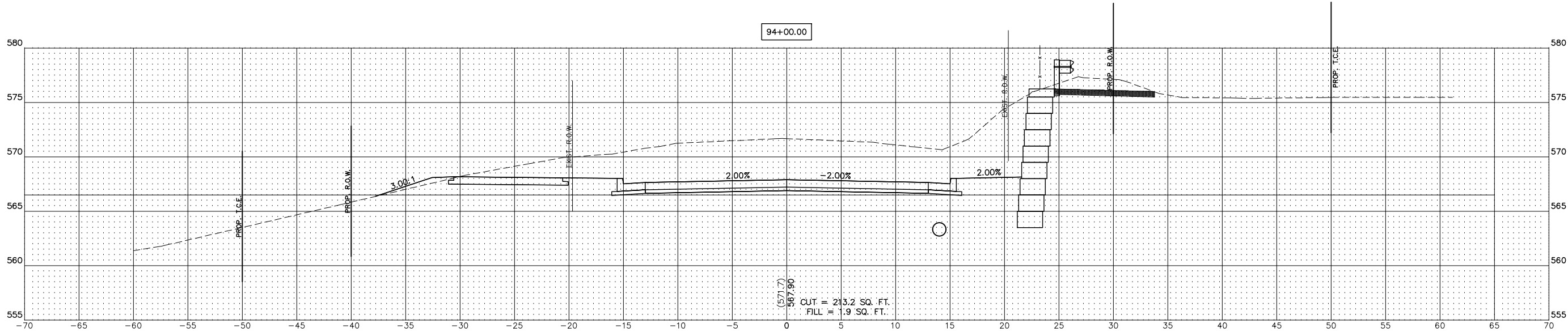
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SHEET 33 OF 44



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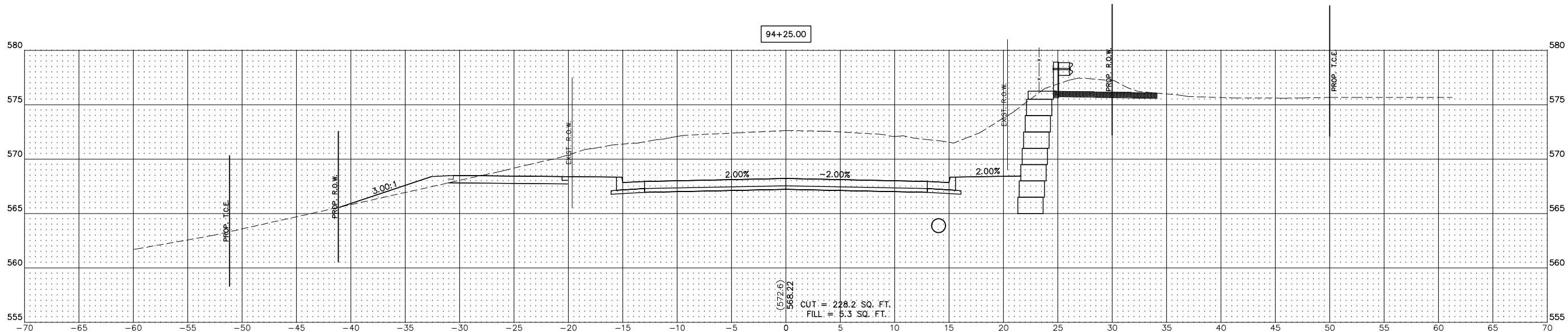
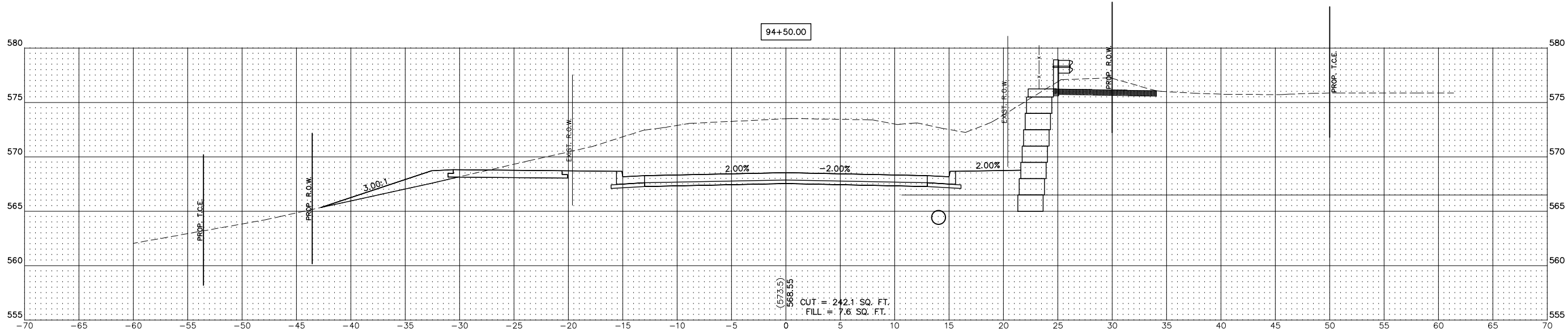
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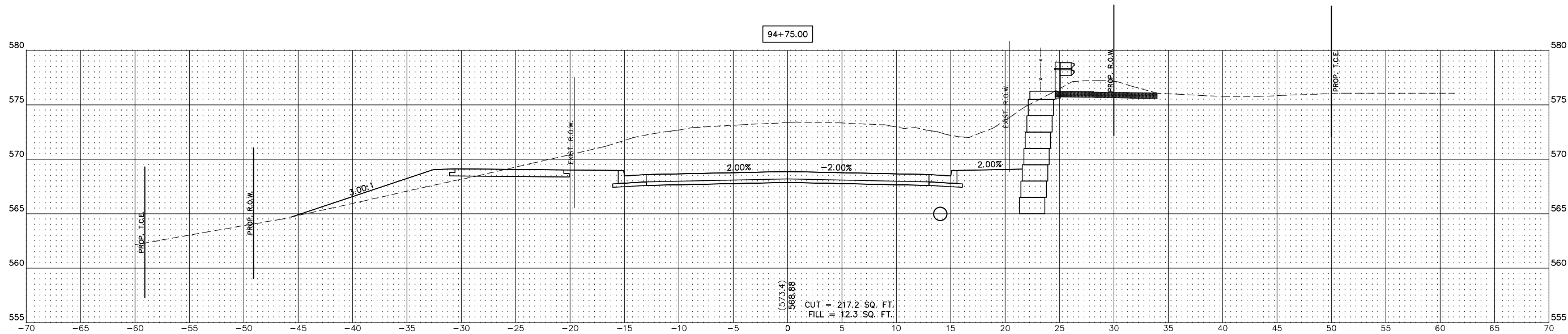
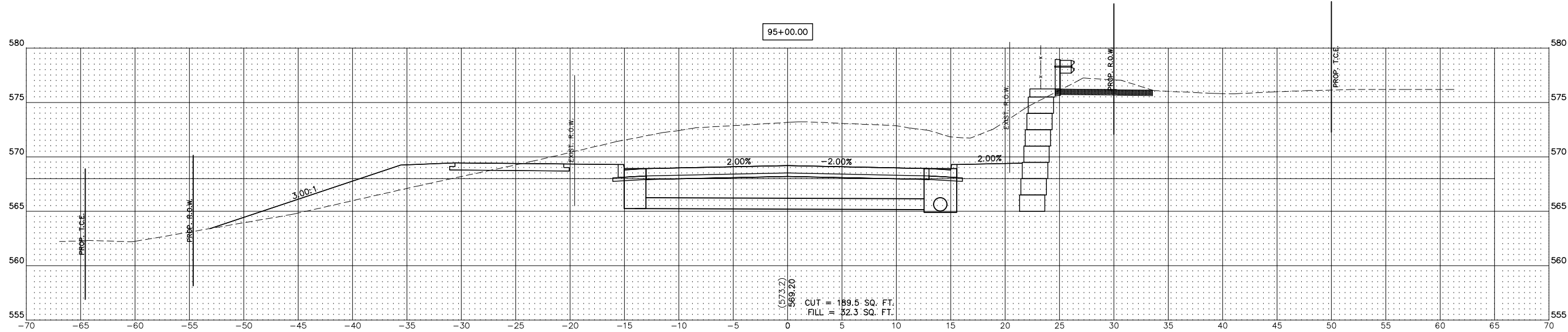
VILLAGE OF GODFREY, ILLINOIS
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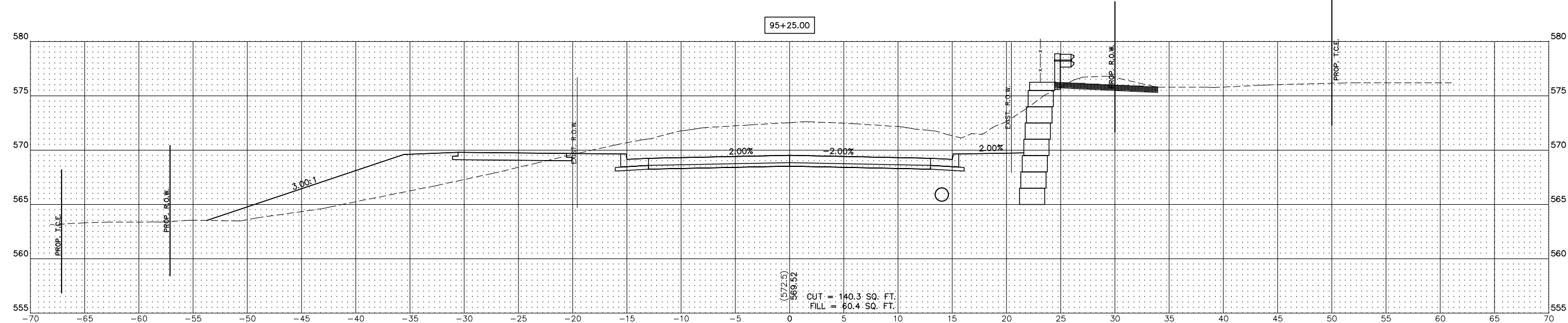
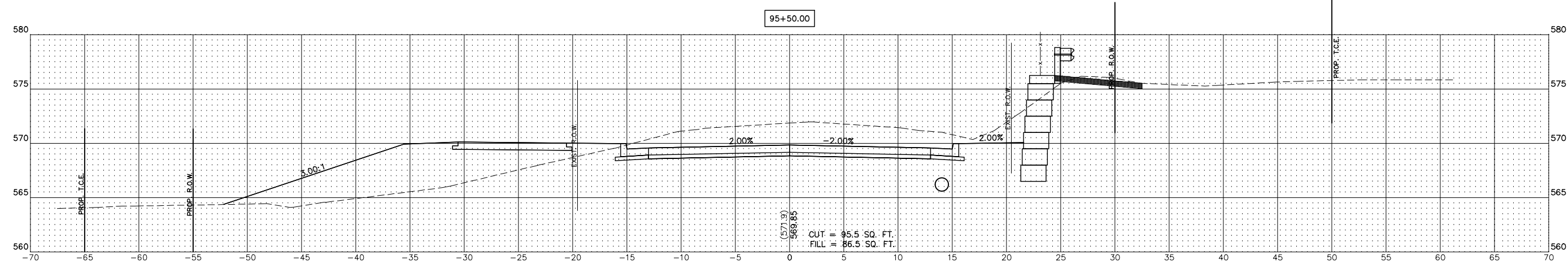
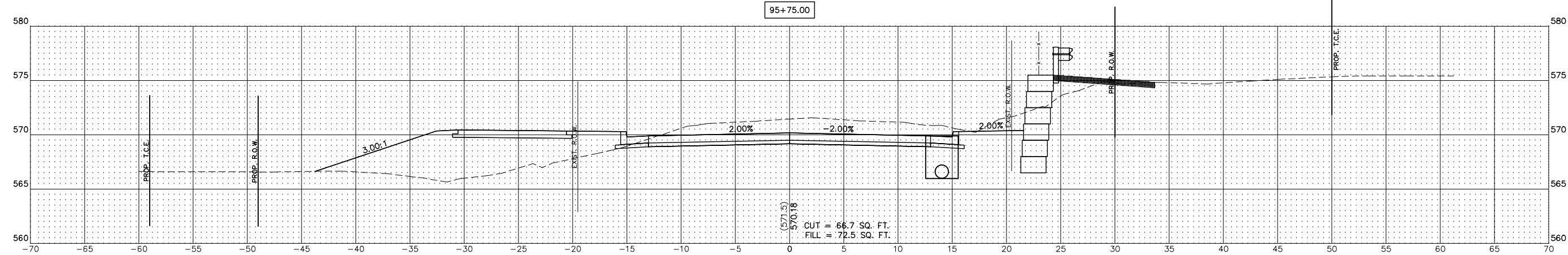
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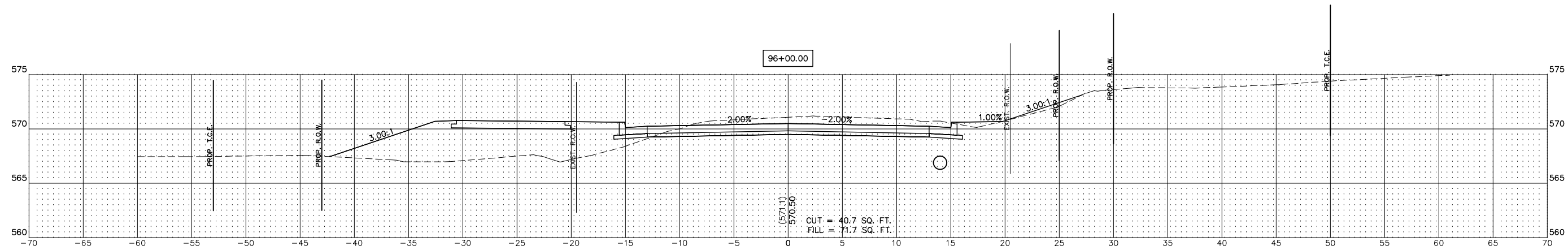
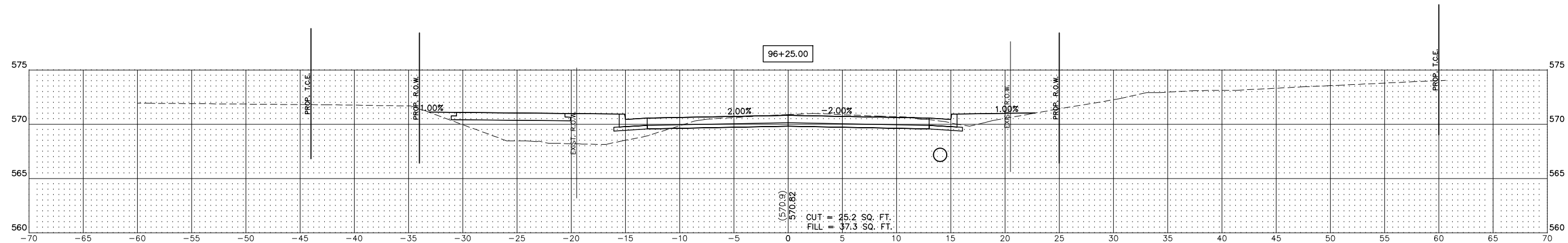
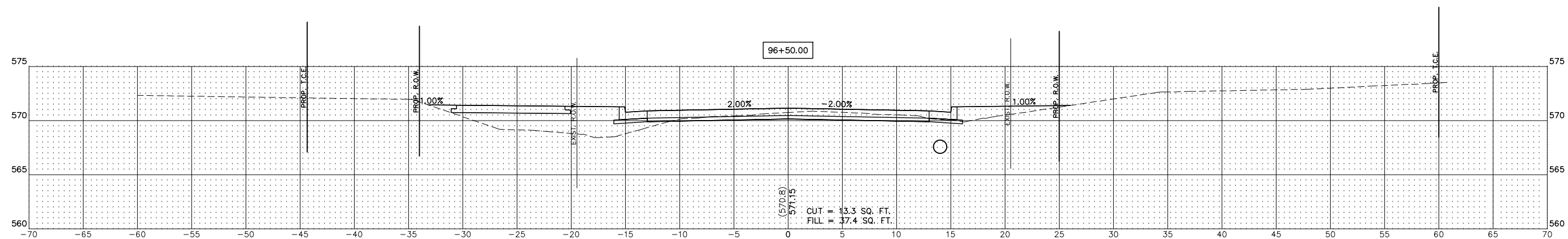
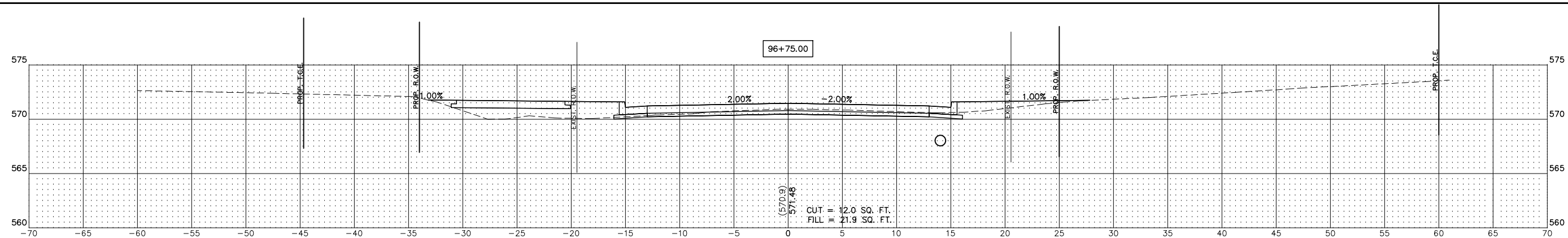
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SCALE:	HORZ: 1"=5' VERT: 1"=5'
SHEET	37 OF 44



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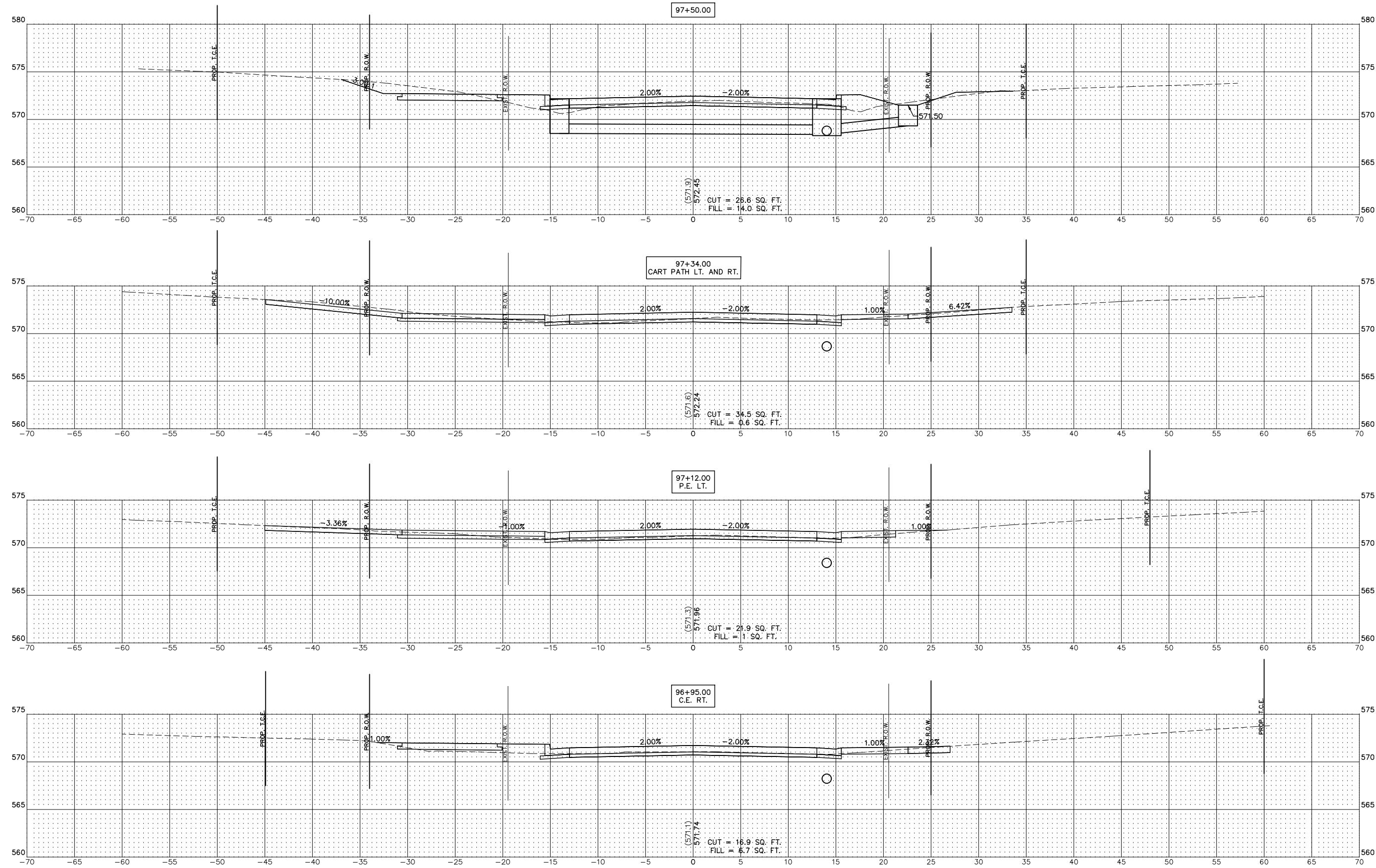
VILLAGE OF GODFREY, ILLINOIS
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SCALE: HORIZ: 1"=5'
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SHEET 38 OF 44



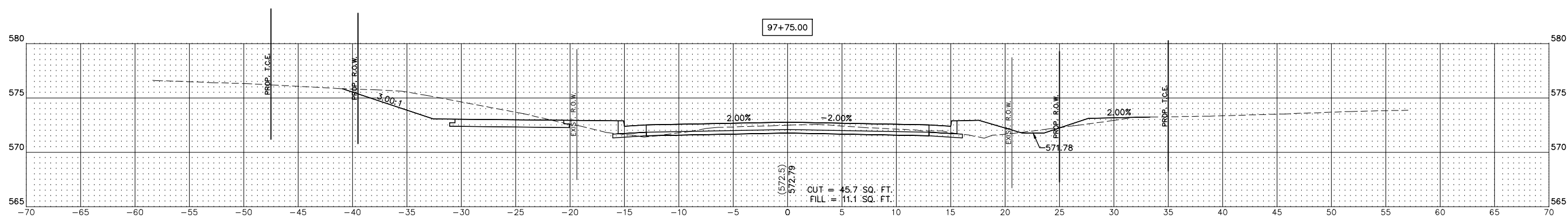
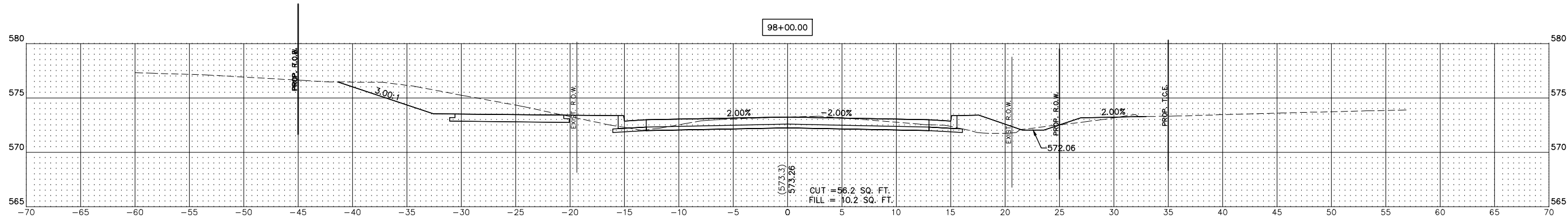
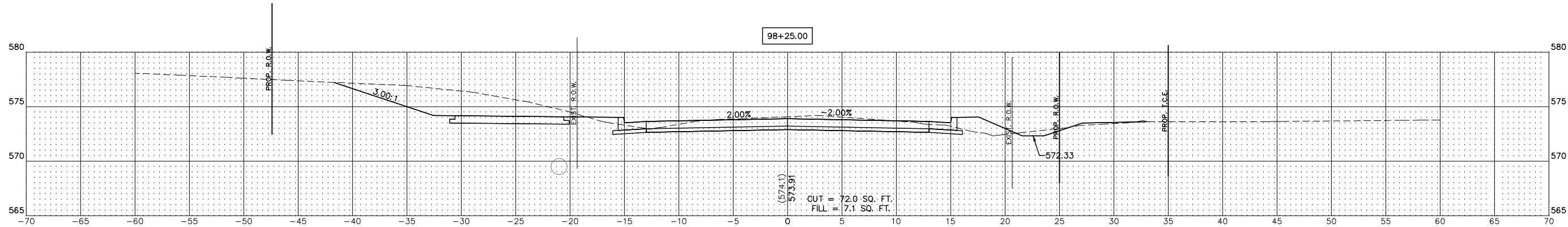
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CHK. BY:	DEG
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SCALE:	HORZ: 1"=5' VERT: 1"=5'
SHEET	39 OF 44



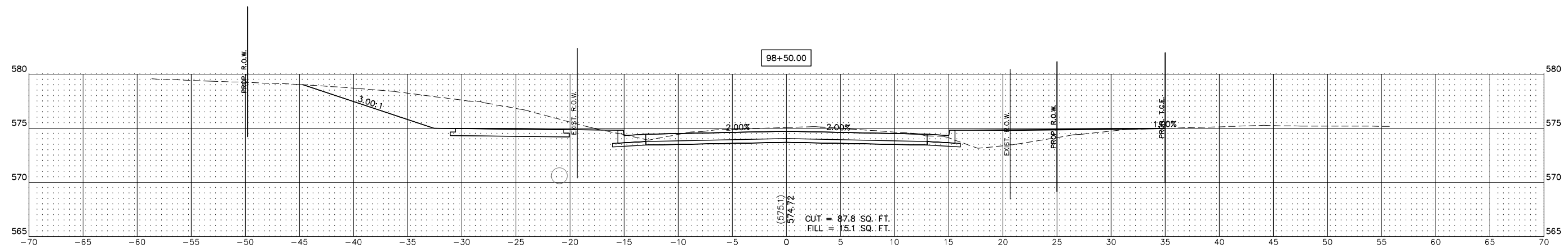
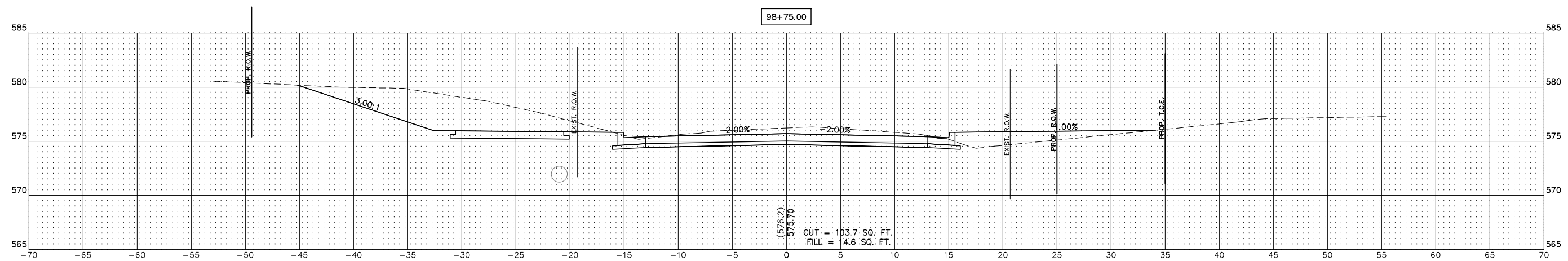
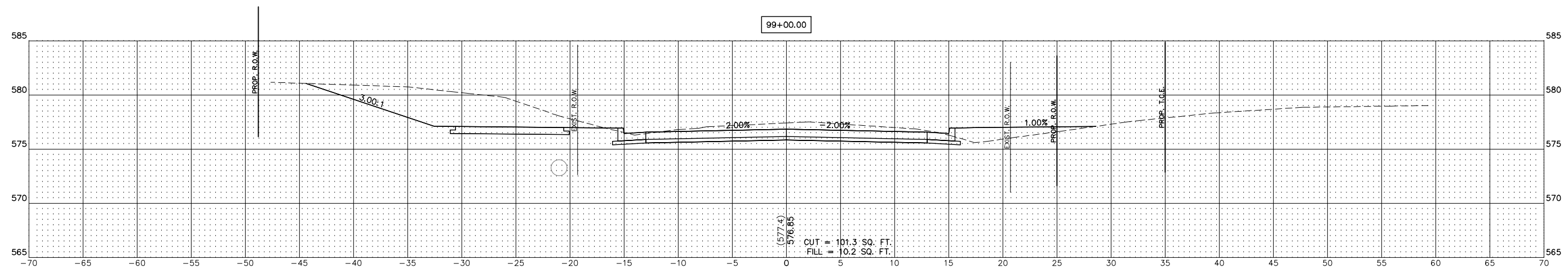
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CHK. BY: DEG	
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SCALE: HORZ: 1"=5'	VERT: 1"=5'
SHEET 40 OF 44	



CONCLUSIONS

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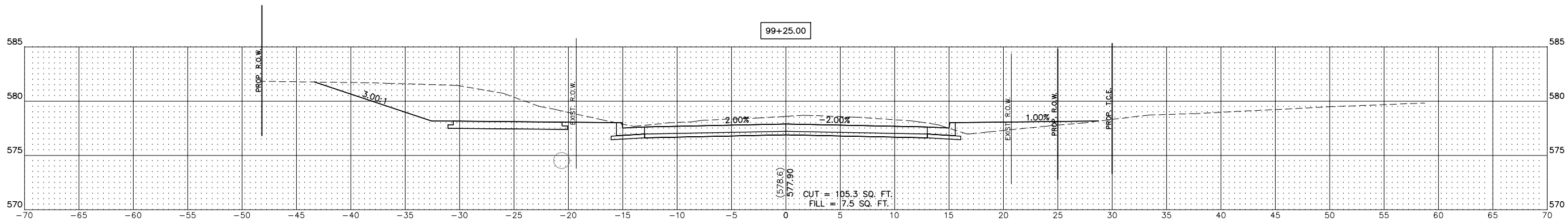
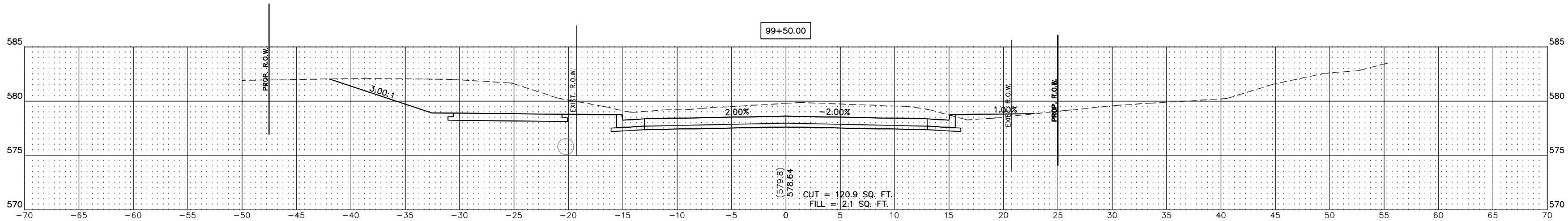
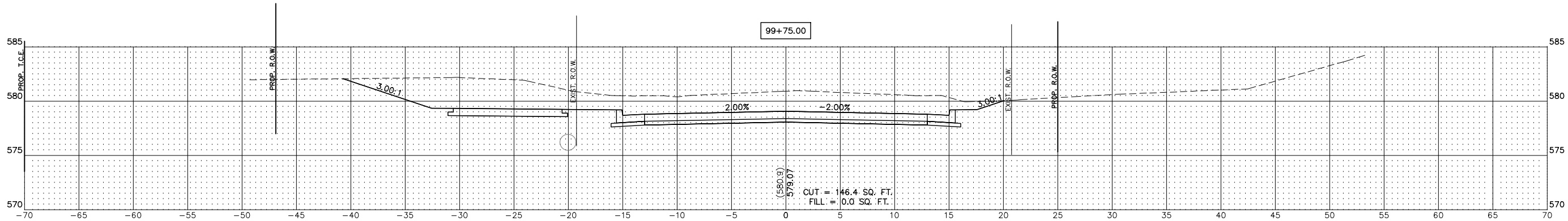
E OF GODFREY, ILLINOIS
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OB NO.	530093.5
SN. BY:	DEG
WN. BY:	CDP
HK. BY:	DEG
DATE:	FEBRUARY, 202

SCALE: HORZ: 1"=5'
VERT: 1"=5'

SHEET 41 OF 4



REVISIONS	

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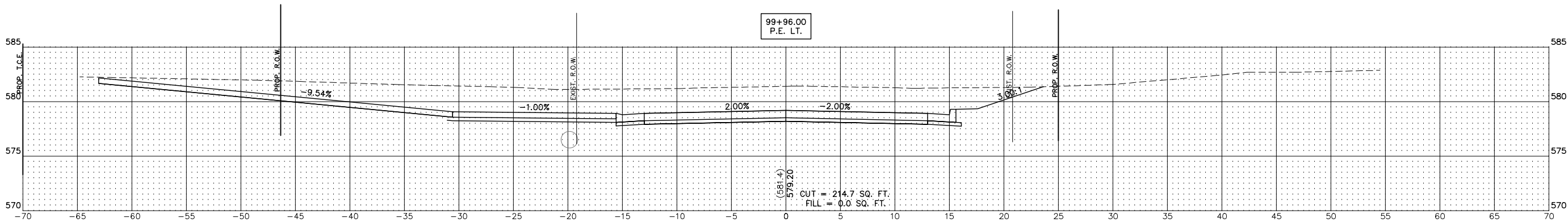
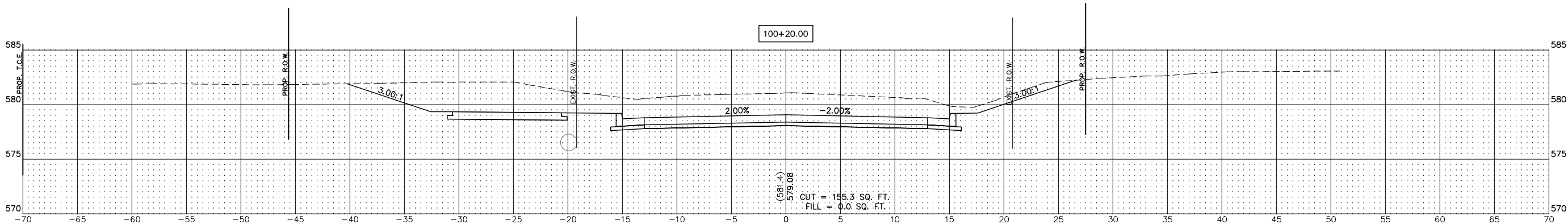
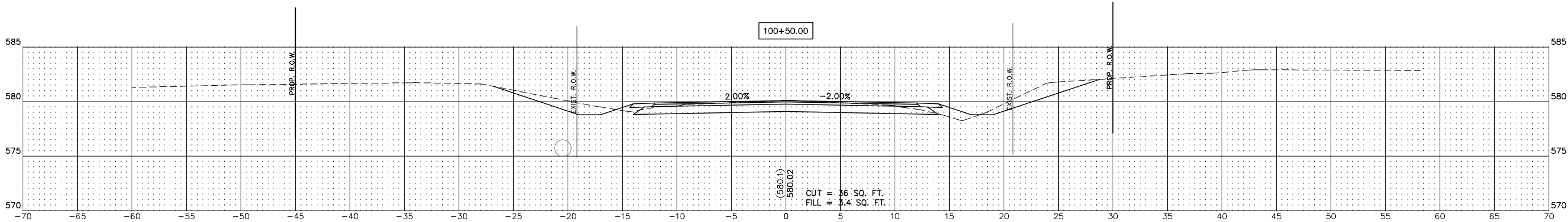
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SHEET 42 OF 44



REVISIONS

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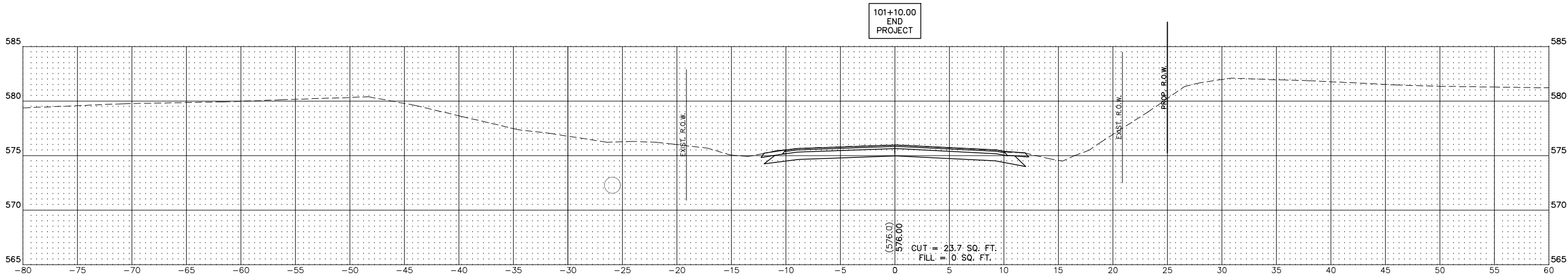
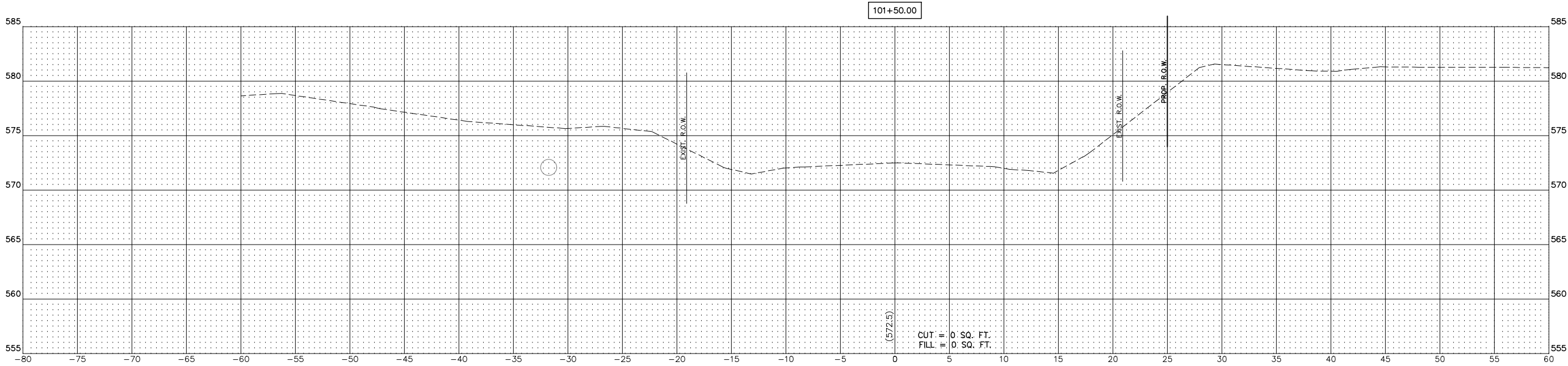
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CHK. BY: DEG
DATE: FEBRUARY, 2025

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SHEET 43 OF 44



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PIERCE LANE
CROSS SECTIONS

CONTRACT NO. 97862	
REF. BK.	PG.
JOB NO. 530093.5	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: FEBRUARY, 2025	
SCALE: HORZ: 1"=5'	
	VERT: 1"=5'
SHEET 44	OF 44