

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED FEDERAL AID PROJECT
CITY OF O'FALLON
PROPOSED PORTER ROAD
FAU ROUTE 9170
SECTION 14-00061-00-PW
PROJECT NO. M-5011 (413)
ST. CLAIR COUNTY
JOB NO. C-98-331-14

FAU ROUTE	IDOT SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	14-00061-00-PW	ST. CLAIR	26	1
FEDERAL AID PROJECT			ILLINOIS	
IDOT JOB NO. C-98-331-14				
IDOT CONTRACT NO. 97845				

IDOT STANDARDS

000001-06	701006-05	720011-01
001001-02	701011-04	728001-01
001006	701301-04	729001-01
280001-07	701311-03	731001-01
420001-08	701501-06	780001-05
602301-04	701801-06	BLR 22-7
604001-04	701901-06	
604036-03	720001-01	
606001-06	720006-04	

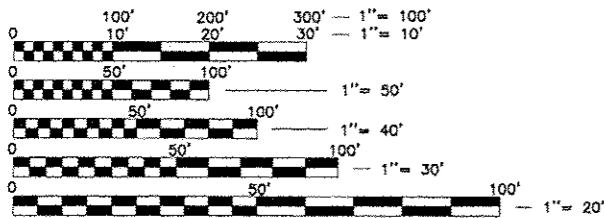
UTILITIES

GAS/ELECTRIC
AMEREN IP
1050 WEST BOULEVARD
P.O. BOX 428
BELLEVILLE, ILLINOIS 62222

WATER
CITY OF O'FALLON
255 S LINCOLN AVE.
2ND FLOOR
O'FALLON, IL 62269

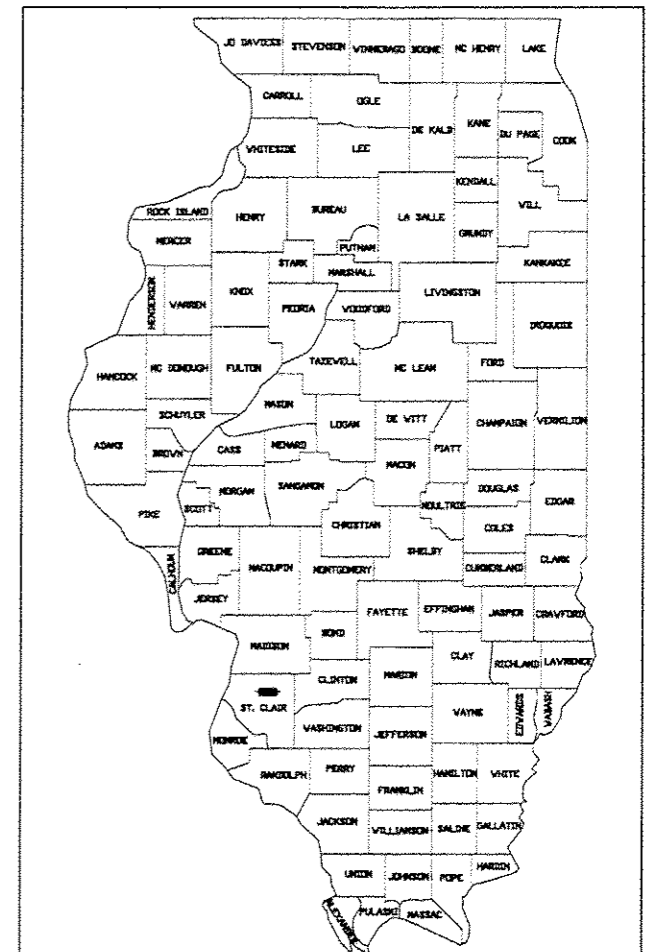
PHONE/CABLE
AT&T
1420 FRONTAGE ROAD
OFALLON, ILLINOIS 62269

PHONE/CABLE
CHARTER SPECTRUM COMMUNICATIONS
317 WEST MAIN STREET
BELLEVILLE, IL 62220

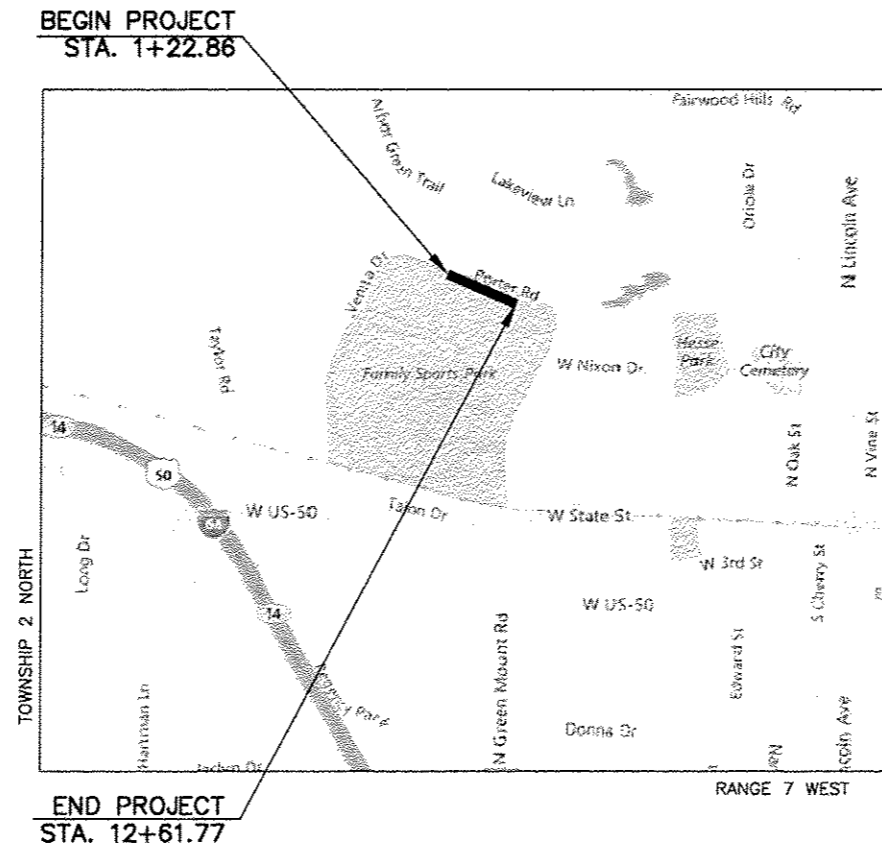


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



LOCATION OF SECTION INDICATED THUS: [Symbol]



LOCATION MAP
N.T.S.

PORTER ROAD DESIGN DESIGNATION:
ROADWAY CLASSIFICATION - MAJOR COLLECTOR
URBAN DESIGN SPEED - 30 MPH
TRAFFIC COUNT (2015) AADT - 4,500

LENGTH OF PROJECT
PORTER RD.
PORTER ROAD LENGTH - 1,139' (0.216 MILES)
NET LENGTH - 1,139' (0.216 MILES)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 3/9 2017
[Signature]
MAYOR
CITY OF O'FALLON

PASSED 4/6 2017
[Signature]
acting DISTRICT 8 ENGINEER
LOCAL ROADS & STREETS

RELEASED FOR
BID BASED ON
LIMITED REVIEW 4/6 2017
[Signature]
REGION FIVE ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

[Signature] 2/27/17
NICHOLAS T. SMOCK
LICENSE NO. 062-062231
EXPIRATION DATE
11-30-2017

PREPARED BY:
TWM
THOUVENOT, WADE & MOERCHEN, INC.

GENERAL NOTES

1. ANY FACILITIES OR APPURTENANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND ADJUST HIS OPERATIONS, IN ORDER THAT, THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.
2. THE TYPE, SIZE, AND LOCATION OF UTILITIES, AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS, HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS, FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES, OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS; THEREFORE THEIR EXACT LOCATION, SIZE, AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.
3. THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS, WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.
4. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE TEMPORARY CONSTRUCTION EASEMENTS, AS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
5. ALL EXISTING ROADWAY FEATURES, SUCH AS CULVERTS, HEADWALLS, RIP RAP, CURB, PAVEMENT, FENCING, ETC., LOCATED WITHIN THE CONSTRUCTION LIMITS ARE TO BE REMOVED UNLESS NOTED OTHERWISE ON THE PLANS.
6. EVERY TREE SHALL BE SAVED, IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER.
7. THE SAW CUTTING OF EXISTING PAVEMENT, NECESSARY FOR ITS REMOVAL, SHALL BE INCLUDED IN THE COST OF THE ITEM FOR WHICH THE SAW CUT IS BEING MADE. THE REMOVAL OF ALL OIL & CHIP PAVEMENT SHALL BE INCLUDED IN THE PAVEMENT REMOVAL QUANTITY. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
8. ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE IMPLEMENTED AS SHOWN ON THE EROSION CONTROL PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION CONTROL STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.
9. ALL EARTH SURFACES DISTURBED BY CONSTRUCTION, OR AS DIRECTED BY THE ENGINEER, SHALL BE SEEDED AND MULCHED ACCORDING TO SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL TEMPORARY EROSION CONTROL SEEDING SHALL BE IMPLEMENTED ACCORDING TO SECTION 280 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. COST BEYOND CONSTRUCTION LIMITS IS THE RESPONSIBILITY OF CONTRACTOR.
10. ANY CULVERTS DAMAGED BY OR REMOVED BY THE CONTRACTOR, OTHER THAN THOSE NOTED ON THE PLANS TO BE REMOVED, WILL HAVE TO BE REMOVED AND/OR REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.
11. ALL MATERIALS, SUCH AS FRAMES AND GRATES AND STORM SEWER PIPE SCHEDULED FOR REMOVAL, THAT ARE CONSIDERED TO BE SUITABLE FOR FUTURE USE, SHALL BE SALVAGED AND STOCKPILED AS DIRECTED BY THE ENGINEER. ALL OTHER MATERIALS SCHEDULED FOR REMOVAL, BUT NOT SALVAGED, SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS/HER EXPENSE.
12. THE CONTRACTOR IS ADVISED THAT THE PROPOSED STORM SEWER ROADWAY CROSSINGS MAY CONFLICT WITH THE PROPOSED LINE STABILIZATION OPERATIONS DUE TO MINIMAL COVER OVER THE PIPES. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN THESE AREAS SO AS NOT TO CAUSE ANY DAMAGE TO THE PROPOSED STORM SEWERS. THIS MAY NECESSITATE VARYING THE METHODS OF LINE STABILIZATION. NO DIRECT PAYMENT SHALL BE MADE FOR THESE ACCOMMODATIONS.
13. ALL TRAFFIC CONTROL, INCLUDING, BUT NOT LIMITED TO WORK ZONE, TEMPORARY, AND PERMANENT, SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED ACCORDING TO SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
14. TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.
15. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF O'FALLON AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.
16. IT IS NOT WARRANTED THAT THESE PLANS CONTAIN COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHTS-OF-WAY, BUILDING LINE SETBACKS, AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY REVIEWED.
17. PRIOR TO CONSTRUCTING ANY ENTRANCE, THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER AND RESIDENT ENGINEER, INFORMING THEM OF CONSTRUCTION AND THE ESTIMATED DATES CONSTRUCTION WILL TAKE PLACE.
18. ALL GRADING, EXCAVATION AND FILL, NECESSARY TO SATISFY THE ADDITIONAL DRIVEWAY LENGTHS SHALL BE INCLUDED IN COST OF DRIVEWAY PLACEMENT TYPE. NO ADDITIONAL COST WILL BE ALLOWED.
19. ANY SUBSURFACE UTILITY WITHIN THE CONSTRUCTION LIMITS IS TO BE VERIFIED FOR ACTIVITY AND ALL ABANDONED UTILITIES ARE TO BE REMOVED. COST IS INCLUDED IN THE COST OF EARTH EXCAVATION.
20. IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.

COMMITMENTS

DUE TO POTENTIAL SUITABLE HABITAT FOR THE INDIANA BAT WITHIN THE PROJECT CORRIDOR, NO TREES ARE TO BE REMOVED BETWEEN APRIL 1ST AND SEPTEMBER 30TH OF ANY YEAR

LEGEND

LINE/TYPE LEGEND	SYMBOL LEGEND
— — — — — CENTERLINE	⊥ ELECTRIC GUYWIRE
- - - - - PERMANENT EASEMENT	⊕ ELECTRIC METER
- - - - - TEMPORARY CONSTRUCTION EASEMENT	⊕ ELECTRIC POWERPOLE
- - - - - EDGE OF PAVEMENT (ASPHALT)	⊕ ELECTRIC RISER
- - - - - OHE	⊕ FIBER OPTIC RISER
- - - - - FO	⊕ GAS RISER
- - - - - UT	⊕ GAS VALVE
- - - - - TELEPHONE LINE (UNDERGROUND)	⊕ GENERAL SIGN
- - - - - RIGHT-OF-WAY LINE	⊕ STORM CATCH BASIN
- - - - - SF	⊕ STORM CURB INLET
- - - - - PR. EROSION BARRIER	⊕ STORM GRATE INLET
- - - - - STORM CULVERT	⊕ STORM JUNCTION BOX
- - - - - TREE LINE	⊕ TELEPHONE HANDHOLE
- - - - - W	⊕ TELEPHONE MANHOLE
	⊕ TELEPHONE RISER
	⊕ TREE - DECIDUOUS
	⊕ WATER - FIRE HYDRANT
	⊕ WATER - GATE VALVE
	⊕ MAILBOX

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MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
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TITLE PORTER RD. GENERAL NOTES 14-00061-00-PW	PROJECT PORTER RD. RECONSTRUCTION CITY OF O'FALLON ST. CLAIR COUNTY ILLINOIS
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REV.	DATE	DESCRIPTION
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DRAWN BY: CDK DESIGNED BY: NTS CHECKED BY: NTS APPROVED BY: NTS PROJECT NUMBER: T25140517	SHEET <div style="font-size: 2em; text-align: center; font-weight: bold;">2</div> OF 26 SHEETS PORTER RD. RECONSTRUCTION <input type="checkbox"/> ISSUED FOR REVIEW <input type="checkbox"/> ISSUED FOR BIDDING <input type="checkbox"/> ISSUED FOR CONSTR. <input type="checkbox"/> RECORD DRAWING
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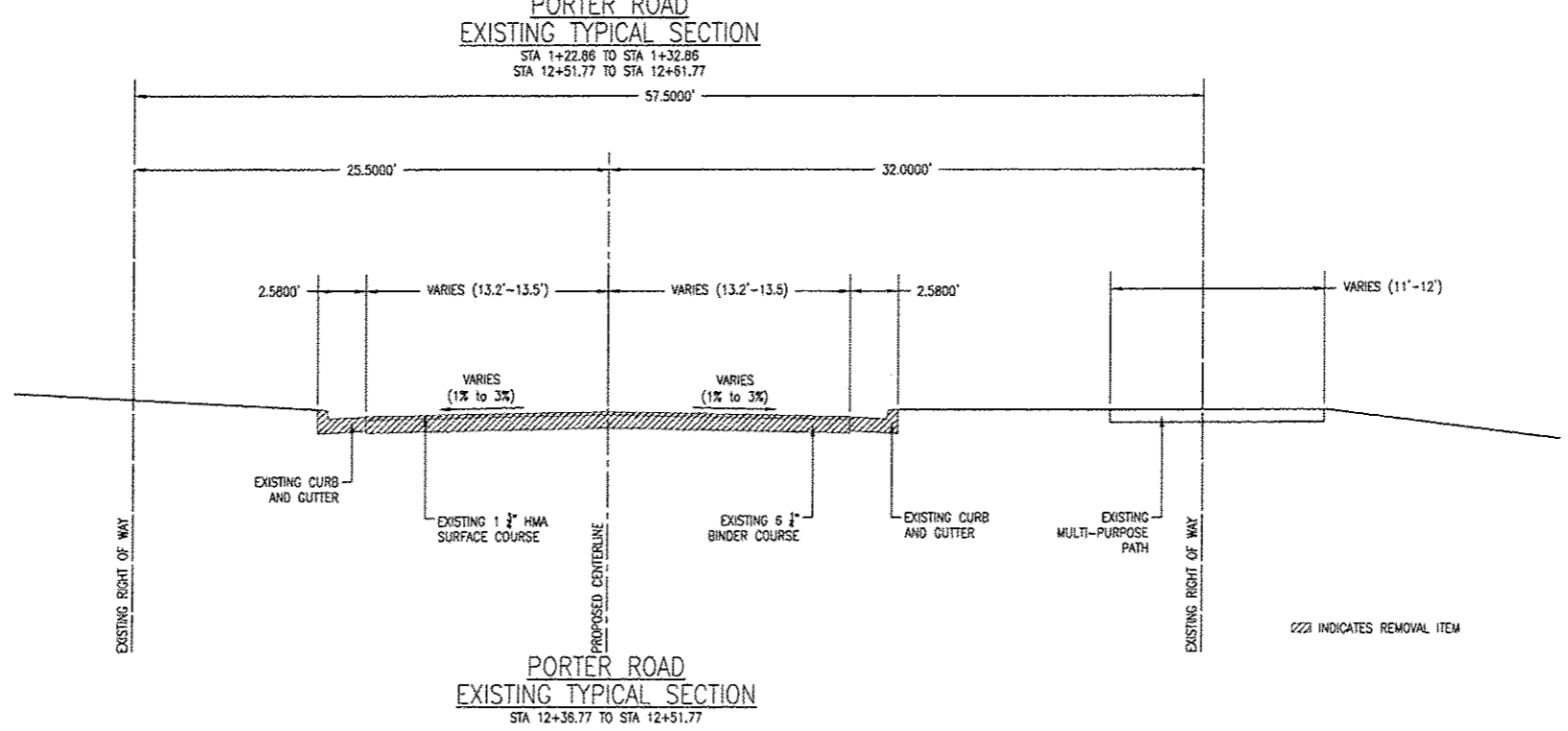
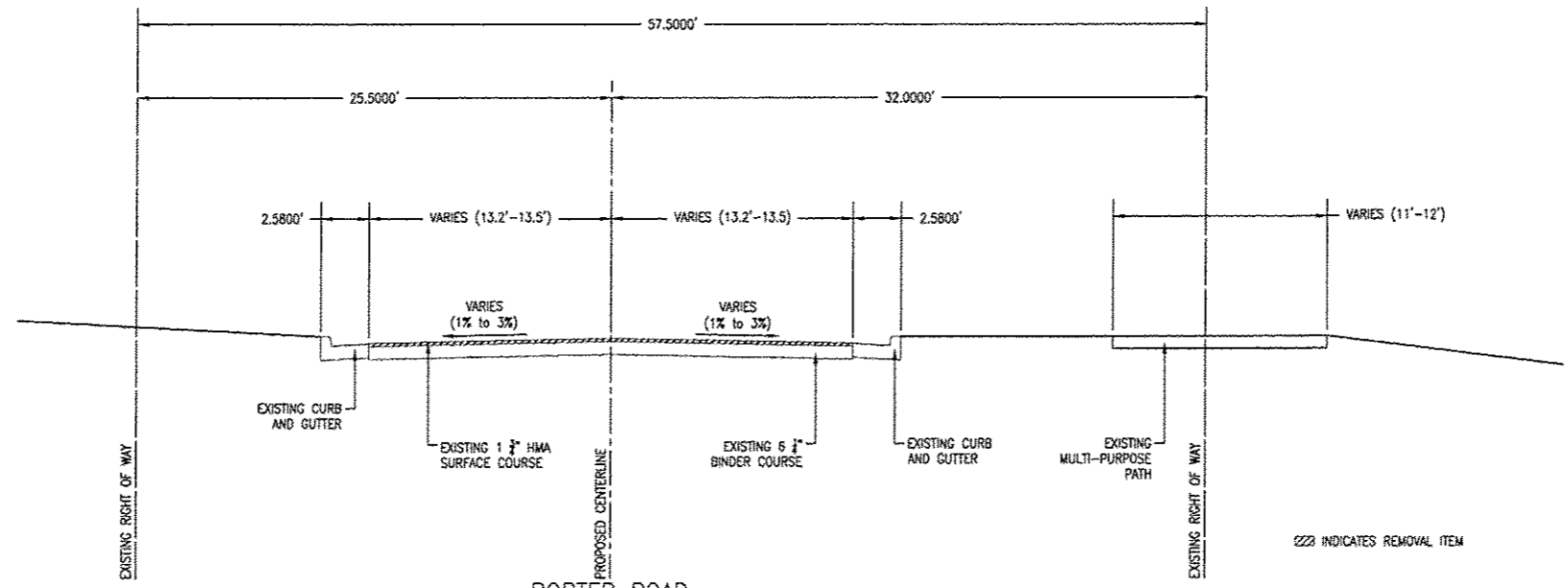
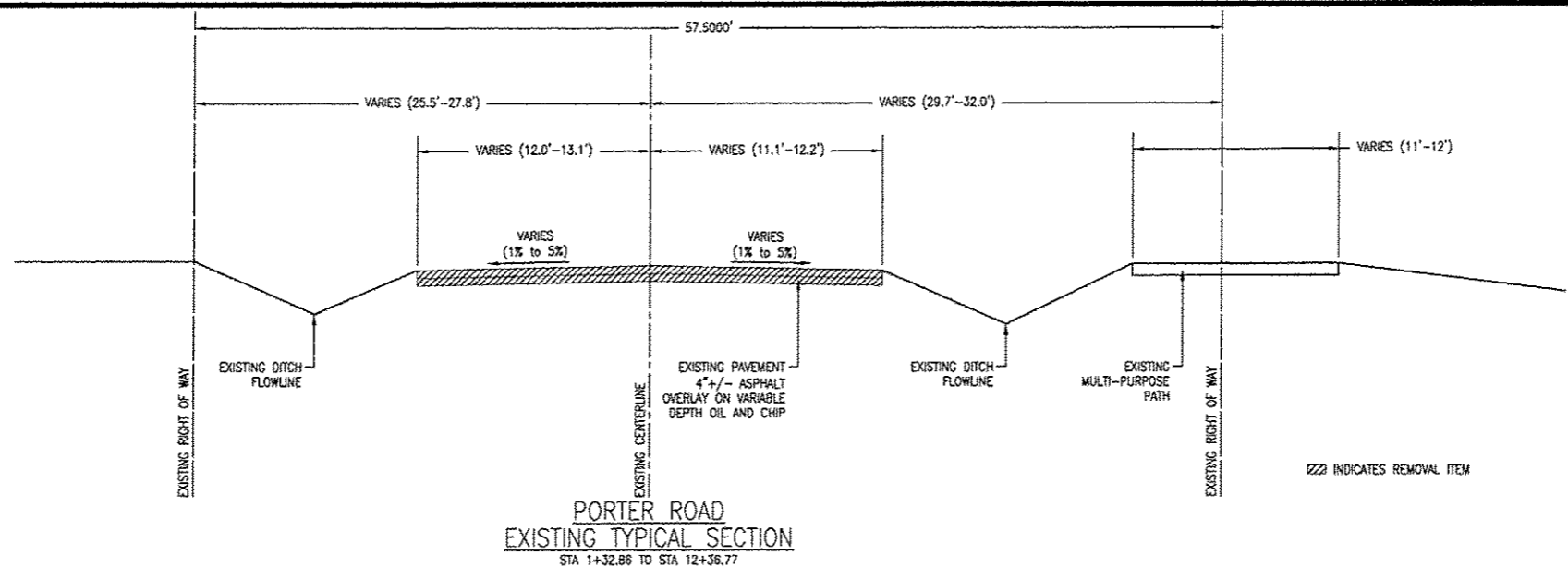
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PORTER RD. RECONSTRUCTION
 CITY OF FALLON
 ST. CLAIR COUNTY
 ILLINOIS

REV.	DATE	DESCRIPTION
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DESIGNED BY: NTS	4
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APPROVED BY: NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517	
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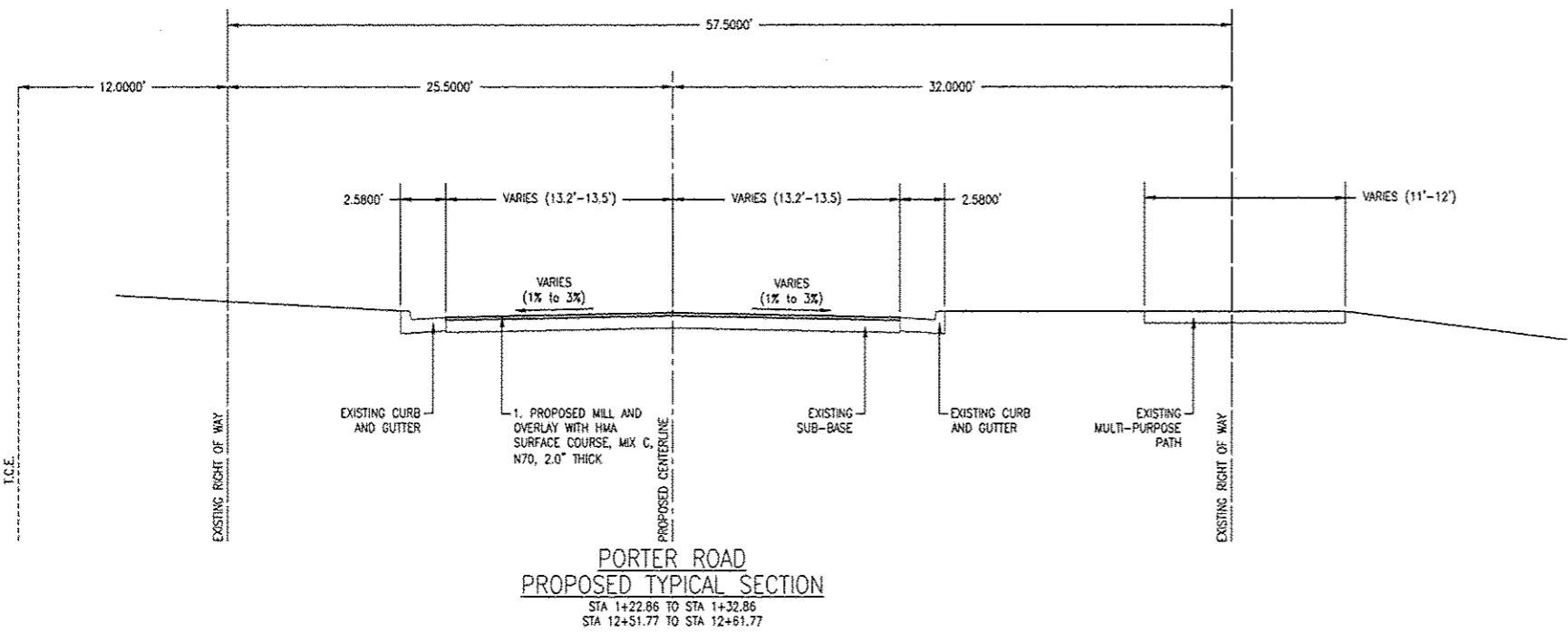
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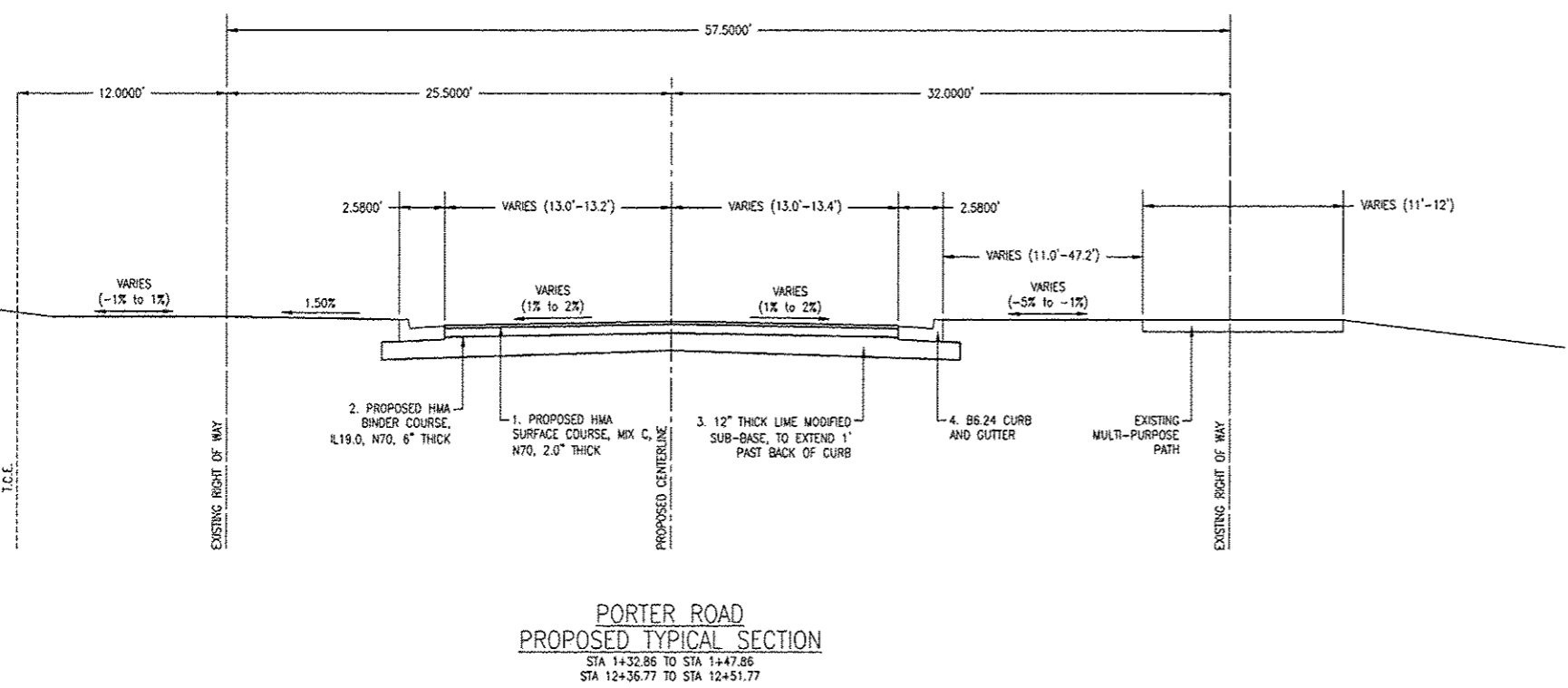
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1. HOT-MIX ASPHALT BINDER COURSE, MIX "C", N70
2. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
3. PROCESSING MODIFIED SOIL 12"
4. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

MIXTURE USE	SURFACE	BINDER	INCIDENTAL SURFACE
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISIONS		
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 19.0		
FRICITION AGG	MIXTURE C	MIXTURE B	MIXTURE C



**PORTER RD RECONSTRUCTION
TYPICAL SECTIONS
14-00061-00-PW**

**PROJECT:
PORTER RD. RECONSTRUCTION
CITY OF FALLON
ST. CLAIR COUNTY
ILLINOIS**

REV	DATE	DESCRIPTION
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DRAWN BY: CJK	SHEET: 5
DESIGNED BY: NTS	OF 26 SHEETS
CHECKED BY: NTS	
APPROVED BY: NTS	PROJECT: PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517	
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ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 081528
MISSOURI LAND SURVEYING CORP.	MC 000346

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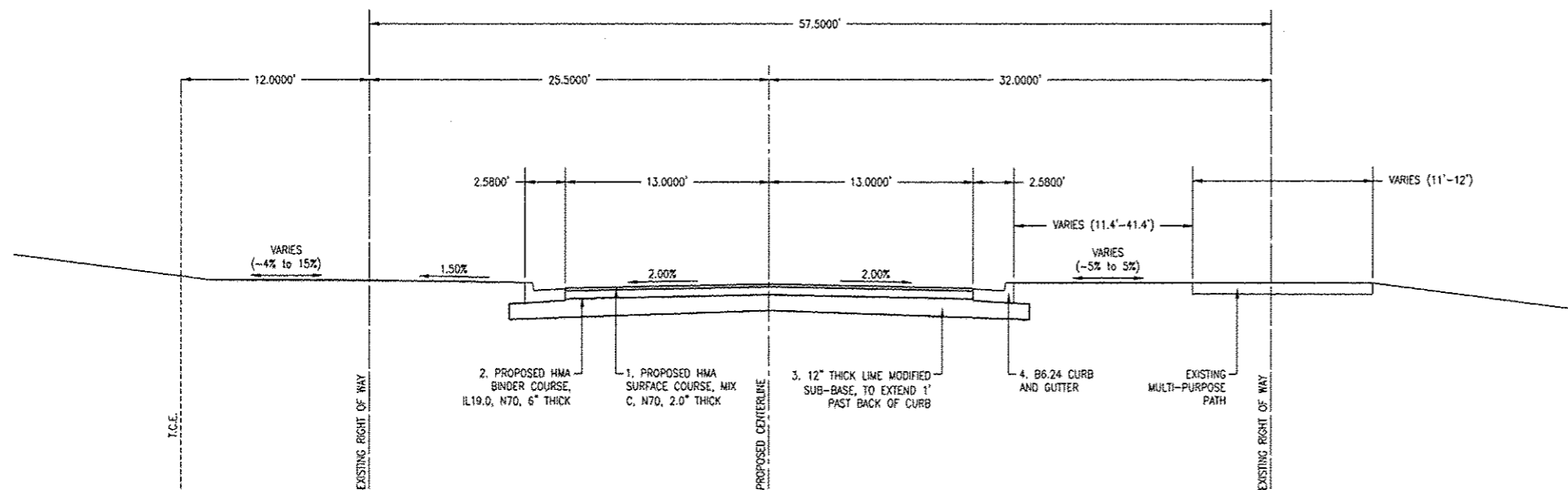
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PORTER RD.
TYPICAL SECTIONS
14-00061-00-PW

PROJECT
PORTER RD. RECONSTRUCTION
CITY OF FALLON
ST. CLAIR COUNTY
ILLINOIS

REV.	DATE	DESCRIPTION
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DRAWN BY: CDK	SHEET
DESIGNED BY: NTS	6
CHECKED BY: NTS	OF 26 SHEETS
APPROVED BY: NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517	
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<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



PORTER ROAD
PROPOSED TYPICAL SECTION
STA 1+47.86 TO STA 12+36.77

- HOT-MIX ASPHALT BINDER COURSE, MIX "C", N70
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- PROCESSING MODIFIED SOIL 12"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

MIXTURE USE	SURFACE	BINDER	INCIDENTAL SURFACE
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISIONS		
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		IL 19.0	
FRICTION AGG	MIXTURE C	MIXTURE B	MIXTURE C

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113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
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EDWARDSVILLE OFFICE
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TEL (314) 241-8300
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ST. CHARLES OFFICE
400 N. 5TH STREET, SUITE 101
ST. CHARLES, MISSOURI 63301
TEL (636) 724-8300
FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS

ILLINOIS PROFESSIONAL DESIGN FIRM	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-061220
PROFESSIONAL ENGINEERING CORP.	62-033370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 003346

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Signature: _____
Expiration Date: _____

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I hereby confirm that the document herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

FROM LOCATION STATION, DIRECTION	TO LOCATION STATION, DIRECTION	TEMPORARY EROSION CONTROL SEEDING (LBS)	PERIMETER EROSION BARRIER (FOOT)	INLET & PIPE PROTECTION (EACH)	SEEDING CLASS 1A (ACRES)	NITROGEN FERTILIZER NUTRIENT (LBS)	PHOSPHOROUS FERTILIZER NUTRIENT (LBS)	POTASSIUM FERTILIZER NUTRIENT (LBS)	MULCH METHOD 2 (ACRES)
1+22.86, 35.593 LT	3+00.00, 35.080 LT		177						
1+22.86, 24.932 RT	6+40.00, 27.343 RT		517						
1+22.86	12+61.77	30			0.7	63	63	63	0.7
2+00.00, 19.58 LT				1					
2+00.00, 19.58 RT				1					
4+00.00, 19.58 LT				1					
4+00.00, 19.58 RT				1					
6+00.00, 19.58 LT				1					
6+00.00, 19.58 RT				1					
8+00.00, 33.83 LT				1					
8+00.00, 19.58 LT				1					
8+00.00, 19.58 RT				1					
10+37.23, 30.38 LT				1					
10+58.51, 30.20 LT				1					
10+70.76, 19.58 LT				1					
10+70.76, 19.58 RT				1					
12+44.13, 17.64 RT				1					
12+44.25, 17.48 LT				1					
11+92.03, 35.080 LT	12+61.77, 25.080 LT		79						
12+12.23, 42.710 RT	12+61.77, 15.580 RT		100						
TOTAL:		30	873	15	0.7	63	63	63	0.7

FROM LOCATION STATION, DIRECTION	TO LOCATION STATION, DIRECTION	PAVEMENT REMOVAL (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	REMOVE EXISTING F.E.S. (EACH)	STORM SEWER REMOVAL (FOOT)	PIPE CULVERT REMOVAL (LF)	CURB AND GUTTER REMOVAL (LF)
1+22.86	12+61.77	3094					
3+62.16, 15.4 LT	3+85.91, 15.2 LT					24	
3+74.49, 15.580 LT			34.5				
9+02.85, 18.3 LT							
9+05.00, 15.6 LT	9+24.89, 15.7 LT					20	
9+14.95, 15.580 LT			40				
10+01.05, 15.8 LT	10+20.62, 15.4 LT					20	
10+12.63, 15.580 LT			32.7				
10+38.04, 16.4 LT	10+56.63, 16.6 LT					19	
10+48.32, 15.580 LT			44				
11+30.42, 15.5 LT	11+52.56, 15.6 LT					22	
11+44.06, 15.580 LT			58.3				
11+88.66, 19.088 RT				1			
11+88.66, 19.088 RT	12+44.13, 17.64 RT				45		
12+02.66, 19.088 LT				1			
12+02.66, 19.088 LT	12+44.13, 17.64 LT				41		
12+36.77	12+51.77						30
12+44.25, 17.5 LT	13+86.12, 20.3 LT				143		
TOTAL		3094	209.5	2	229	105	30

LOCATION STATION, DIRECTION	ENTRANCE TYPE	"L" ADJUSTMENT LENGTH OF DRIVE BEHIND ENTRANCE APRON (FEET)	AGGREGATE BASE COURSE TYPE B - 8" (SQ YD)	AGGREGATE FOR TEMPORARY ACCESS (TON)	AGGREGATE SURFACE COURSE TYPE A 6" (SQ YD)	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6" (SQ YD)	PORTLAND CEMENT CONCRETE PAVEMENT 8" (SQ YD)
1+22.86	BEGINNING JOINT					5.0		
3+74.49	PERSONAL	8		10.5	12.0		13.4	
9+14.95	PERSONAL	9.5	17.1	11.3		2.9	14.7	
10+12.63	PERSONAL	7		10.5	12.0		13.5	
10+48.32	PERSONAL	7		12.5	16.1			16.6
11+44.06	PERSONAL	7	21.1	14.0		3.5	19	
12+61.77	END JOINT					4.9		
TOTAL			38.2	59	40.1	16.4	60.6	16.6

FROM LOCATION STATION, DIRECTION	TO LOCATION STATION, DIRECTION	TYPE	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 4" (FOOT)	LOCATING UNDERGROUND UTILITY (EACH)	SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT REMOVAL (FOOT)
1+22.86	12+61.77	DOUBLE YELLOW	2278	2278			
1+22.87	12+61.76	YELLOW (4" IN 40')				116	116
8+00, 30.30' L					1		
10+37.23, 30.38' L					1		
10+58.51, 30.20' L					1		
10+65.16, 24.70' L					1		
TOTAL			2278	2278	4	116	116

FROM LOCATION STATION	TO LOCATION STATION	EARTH EXCAVATION (CY)	EMBANKMENT (CY)	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE (CY)	BALANCE WASTE (+) SHORTAGE (-) (CY)
1+22.86	12+61.77	1095	427	821	394

VALUES BASED ON CALCULATIONS SHOWN ON SHEET 26, ASSUMED EXISTING PAVEMENT THICKNESS=8"

FROM LOCATION STATION, DIRECTION	TO LOCATION STATION, DIRECTION	STORM SEWERS CLASS A, TYPE 1 - 12" (FOOT)	STORM SEWERS CLASS A, TYPE 1 - 15" (FOOT)	STORM SEWERS CLASS A, TYPE 1 - 18" (FOOT)	STORM SEWERS CLASS A, TYPE 1 - 21" (FOOT)	INLET SPECIAL No. 1 (EACH)	INLET TYPE 'A' 8 GRATE INLET W/ T- (EACH)	INLET SPECIAL No. 2 (EACH)	INLET MODIFICATION (EACH)	TRENCH BACKFILL (CY)
2+00, 19.58 RT	2+00, 19.58 LT	39				1				11.3
2+00, 19.58 LT						1				
2+00, 19.58 LT	4+00, 19.59 LT	200								52.7
4+00, 19.59 LT						1				
4+00, 19.58 RT	4+00, 19.59 LT	39								1.9
4+00, 19.58 RT						1				
4+00, 19.59 LT	6+00, 19.58 LT	200								28.4
6+00, 19.58 LT						1				
6+00, 19.58 RT	6+00, 19.58 LT	39								1.8
6+00, 19.58 LT						1				
6+00, 19.58 LT	8+00, 19.58 LT		200							25.9
8+00, 19.58 LT						1				
8+00, 19.58 RT	8+00, 19.58 LT	39								2.1
8+00, 19.58 RT						1				
8+00, 33.83 LT	8+00, 19.58 LT	14						1		
8+00, 33.83 LT										
8+00, 19.58 LT	10+70.76, 19.58 LT			271						32.6
10+37.23, 30.38 LT							1			
10+37.23, 30.38 LT	10+59.51, 30.20 LT	22								3.6
10+59.51, 30.20 LT							1			
10+59.51, 30.20 LT	10+70.76, 19.58 LT	15								
10+70.76, 19.58 LT						1				
10+70.76, 19.58 RT	10+70.76, 19.58 LT	39								2.4
10+70.76, 19.58 RT						1				
10+70.76, 19.58 LT	12+44.25, 17.48 LT				174					13.7
12+44.13, 17.64 RT								1		
12+44.25, 17.48 LT								1		
12+44.25, 17.48 LT	13+86.11, 20.31 LT				143					3.1
13+86.11, 20.31 LT								1		
TOTAL		646	200	271	317	10	2	1	3	179.5

FROM LOCATION STATION, DIRECTION	TO LOCATION STATION, DIRECTION	PROCESSING MODIFIED SOILS 12" (SQ YD)	LIME (TON)	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N 70 (TON)	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N 70 (TON)	BITUMINOUS MATERIALS (PRIME COAT) (LB)	COMBINATION CONCRETE CURB & GUTTER TYPE B-6, 24 (FOOT)
1+22.86	12+61.77				369		
1+22.86	1+32.86					93	
1+32.86	12+51.77	4159	80.1	1086		10117	2238
12+51.77	12+61.77					93	
TOTAL		4159	80.1	1086	369	10303	2238

PORTER RD. SCHEDULES 14-00061-00-PW

PROJECT: PORTER RD. RECONSTRUCTION CITY OF FALLON ST. CLAIR COUNTY ILLINOIS

REV	DATE	DESCRIPTION
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△		
△		
△		

DRAWN BY: CDK SHEET 7 OF 26 SHEETS
DESIGNED BY: NTS
CHECKED BY: NTS
APPROVED BY: NTS
PROJECT NUMBER: T25140517
PORTER RD. RECONSTRUCTION

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING



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FAX (618) 824-6888
- WATERLOO OFFICE**
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PROFESSIONAL REGISTRATIONS	LICENSE NO.
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PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

Signature: _____
 Signature Date: _____
 Expiration Date: _____

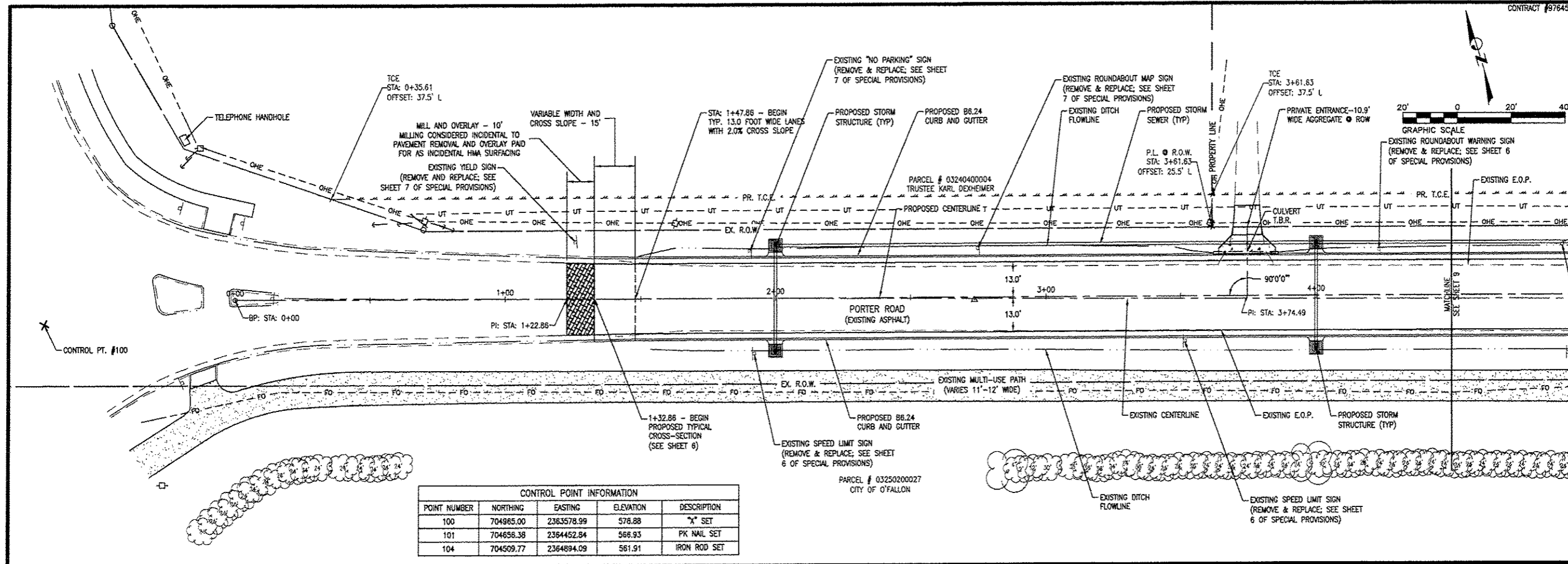
STATEMENT OF RESPONSIBILITY
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PORTER RD. RECONSTRUCTION
14-00061-00-PW

PORTER RD. RECONSTRUCTION
CITY OF FALLON
ST. CLAIR COUNTY
ILLINOIS

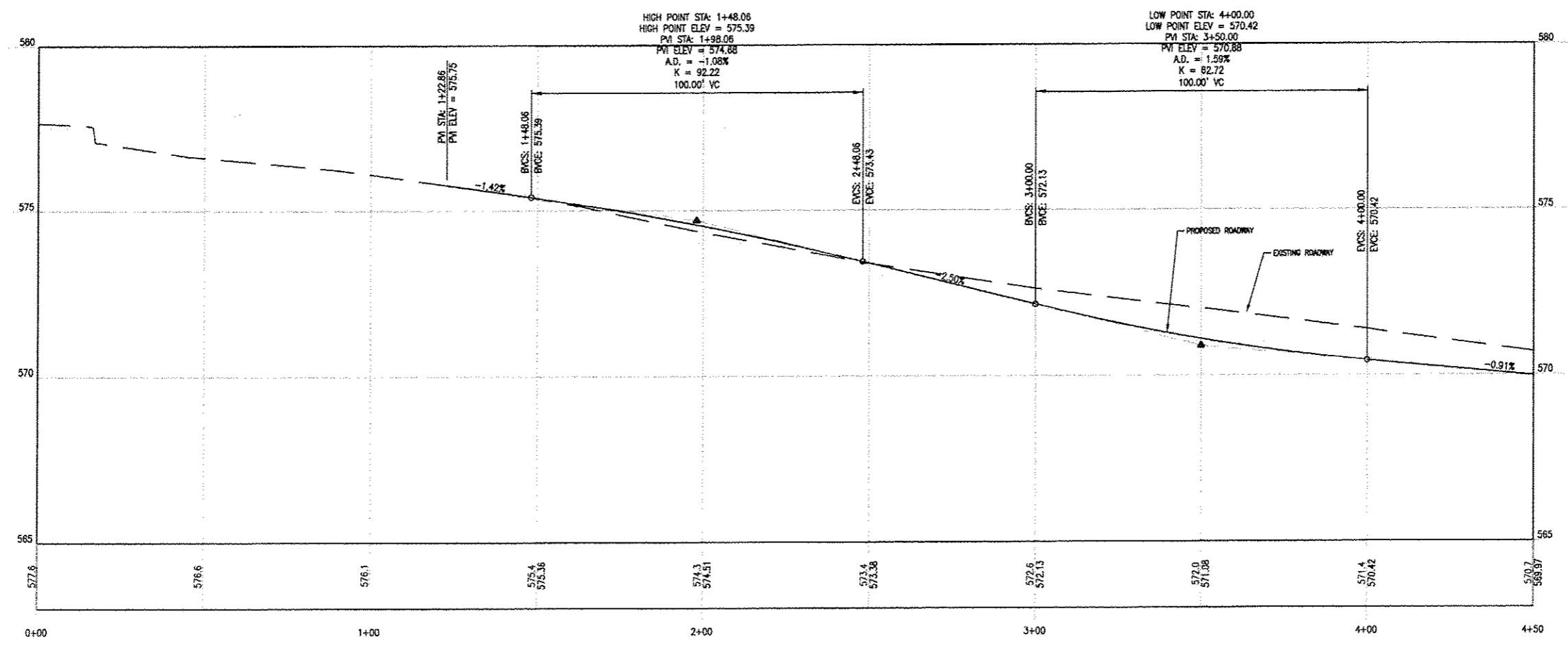
REV	DATE	DESCRIPTION
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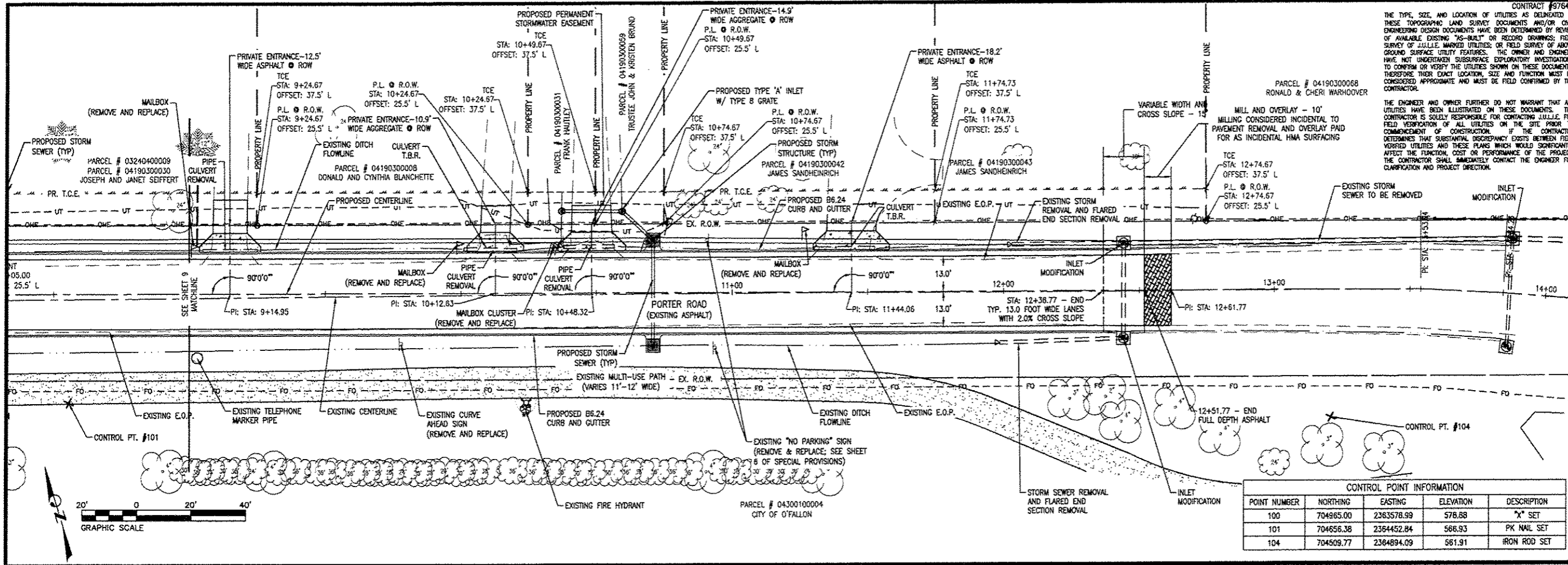
DRAWN BY: CDK	CHECKED BY: NTS	DESIGNED BY: NTS	APPROVED BY: NTS	SHEET 8 OF 26 SHEETS
PROJECT NUMBER: T25140517	PROJECT: PORTER RD. RECONSTRUCTION			
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING	<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING	



POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	704965.00	2363578.99	576.88	"X" SET
101	704658.38	2364452.84	566.93	PK NAIL SET
104	704509.77	2364894.09	561.91	IRON ROD SET

ALIGNMENT - PORTER ROAD CENTERLINE (0+00.00 - 4+50.00)





CONTRACT #97643
 THE TYPE, SIZE AND LOCATION OF UTILITIES AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS; FIELD SURVEY OF JULIEN MARKED UTILITIES; OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS. THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTRACTING JULIEN FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

THOUVENOT, WADE & MOERCHEN, INC.
 ENGINEERS • SURVEYORS • PLANNERS



- CORPORATE OFFICE**
 4940 OLD COLLINSVILLE RD.
 SWANSEA, ILLINOIS 62226
 TEL (618) 624-4488
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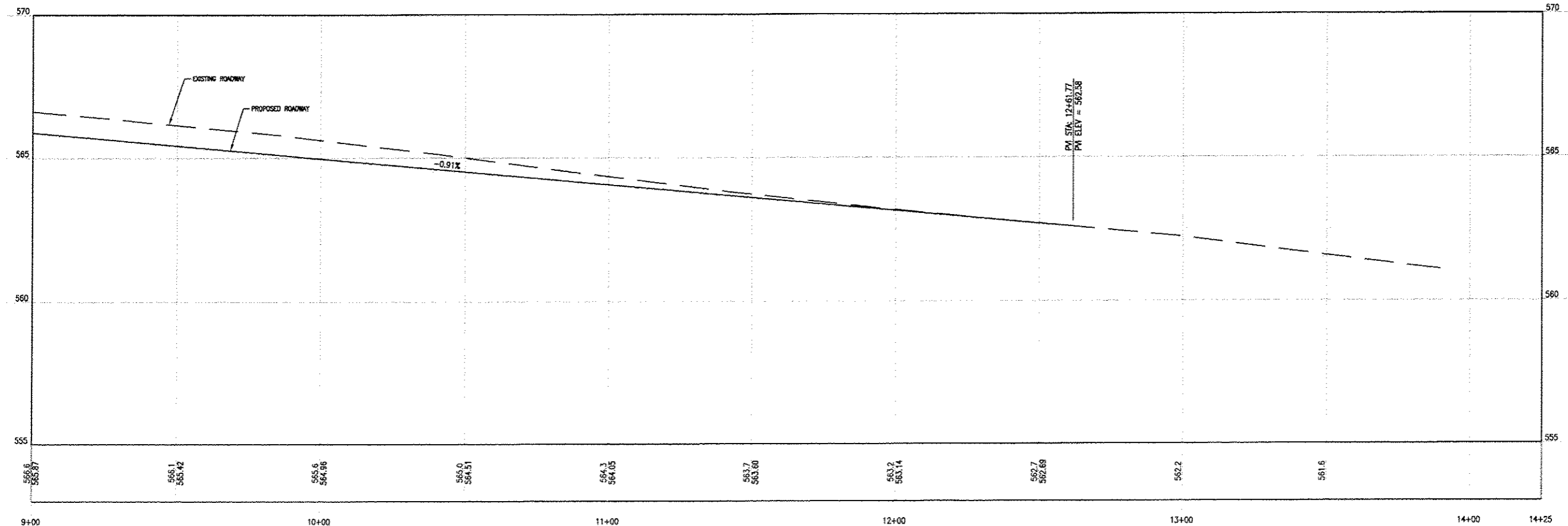
PROFESSIONAL REGISTRATIONS LICENSE NO.

ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
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PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

CONTROL POINT INFORMATION

POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	704865.00	2363578.99	578.88	"X" SET
101	704656.38	2364452.84	566.93	PK NAIL SET
104	704509.77	2364894.09	561.91	IRON ROD SET

ALIGNMENT - PORTER ROAD CENTERLINE (9+00.00 - 14+25.00)



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PORTER RD. RECONSTRUCTION
 14-00061-00-PW

PROJECT:
 PORTER RD. RECONSTRUCTION
 CITY OF OFFALLOON
 ST. CLAIR COUNTY
 ILLINOIS

REV	DATE	DESCRIPTION

DRAWN BY: CDK
 DESIGNED BY: NTS
 CHECKED BY: NTS
 APPROVED BY: NTS

SHEET
10
 OF 26 SHEETS

PROJECT NUMBER: T25140517
 PORTER RD. RECONSTRUCTION

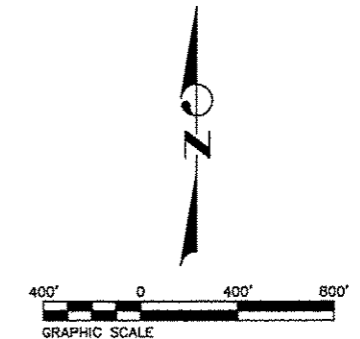
ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR RECORD DRAWING

P:\140517\14_00061-00-PW\140517-00-BASE-PROP.dwg
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THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



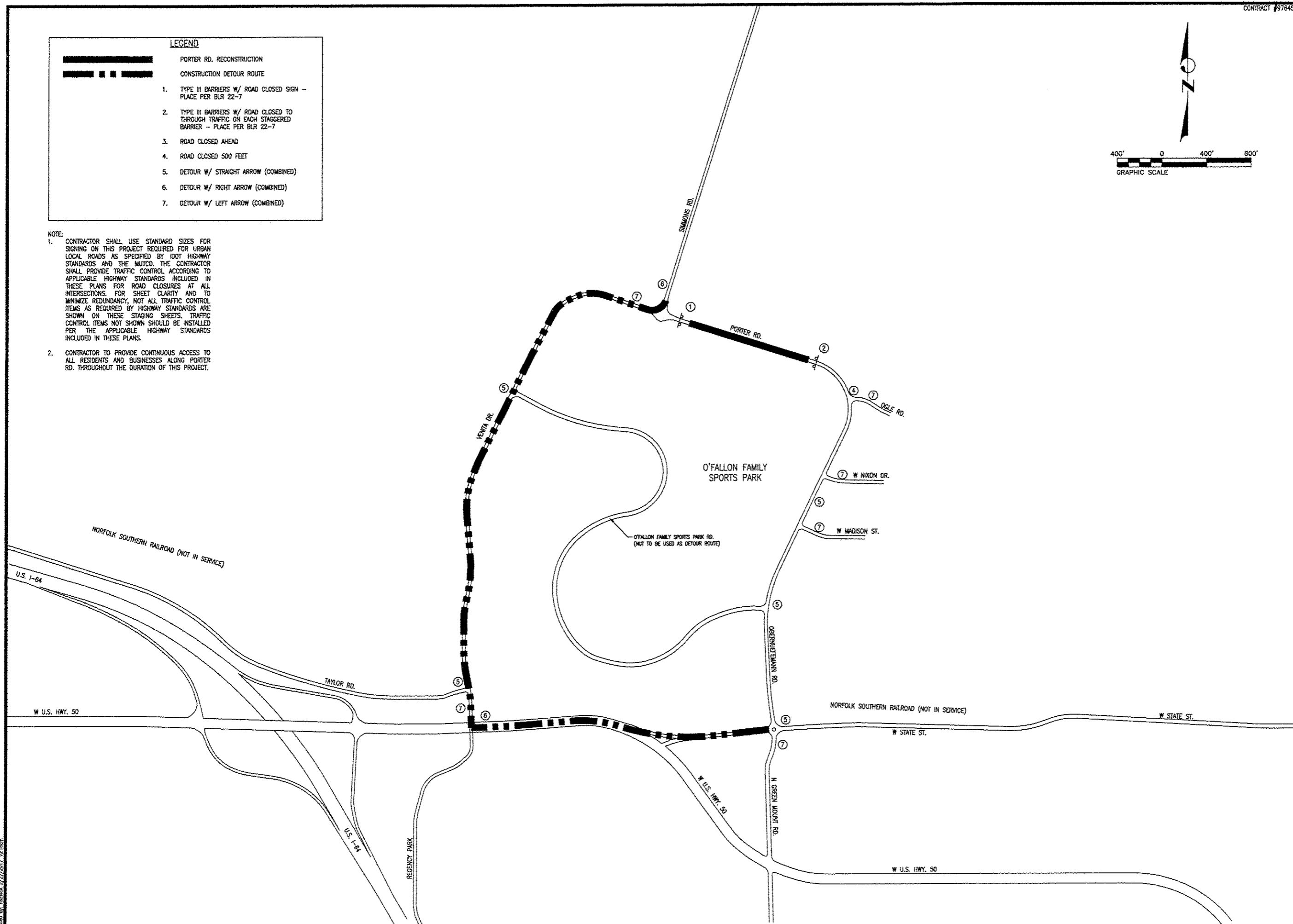
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FAX (636) 724-8304



LEGEND	
	PORTER RD. RECONSTRUCTION
	CONSTRUCTION DETOUR ROUTE
1.	TYPE III BARRIERS W/ ROAD CLOSED SIGN - PLACE PER BLR 22-7
2.	TYPE III BARRIERS W/ ROAD CLOSED TO THROUGH TRAFFIC ON EACH STAGGERED BARRIER - PLACE PER BLR 22-7
3.	ROAD CLOSED AHEAD
4.	ROAD CLOSED 500 FEET
5.	DETOUR W/ STRAIGHT ARROW (COMBINED)
6.	DETOUR W/ RIGHT ARROW (COMBINED)
7.	DETOUR W/ LEFT ARROW (COMBINED)

NOTE:

1. CONTRACTOR SHALL USE STANDARD SIZES FOR SIGNING ON THIS PROJECT REQUIRED FOR URBAN LOCAL ROADS AS SPECIFIED BY IDOT HIGHWAY STANDARDS AND THE MUTCD. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL ACCORDING TO APPLICABLE HIGHWAY STANDARDS INCLUDED IN THESE PLANS FOR ROAD CLOSURES AT ALL INTERSECTIONS. FOR SHEET CLARITY AND TO MINIMIZE REDUNDANCY, NOT ALL TRAFFIC CONTROL ITEMS AS REQUIRED BY HIGHWAY STANDARDS ARE SHOWN ON THESE STAGING SHEETS. TRAFFIC CONTROL ITEMS NOT SHOWN SHOULD BE INSTALLED PER THE APPLICABLE HIGHWAY STANDARDS INCLUDED IN THESE PLANS.
2. CONTRACTOR TO PROVIDE CONTINUOUS ACCESS TO ALL RESIDENTS AND BUSINESSES ALONG PORTER RD. THROUGHOUT THE DURATION OF THIS PROJECT.



PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
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ILLINOIS PROF. LAND SURVEYING CORP.	048-000228
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
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TITLE:
PORTER RD. DETOUR VIEW
14-00061-00-PW

PROJECT:
PORTER RD. RECONSTRUCTION
CITY OF O'FALLON
ST. CLAIR COUNTY
ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY:	CDK	SHEET
DESIGNED BY:	NTS	11
CHECKED BY:	NTS	OF 26 SHEETS
APPROVED BY:	NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER:	T25140517	
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<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING	



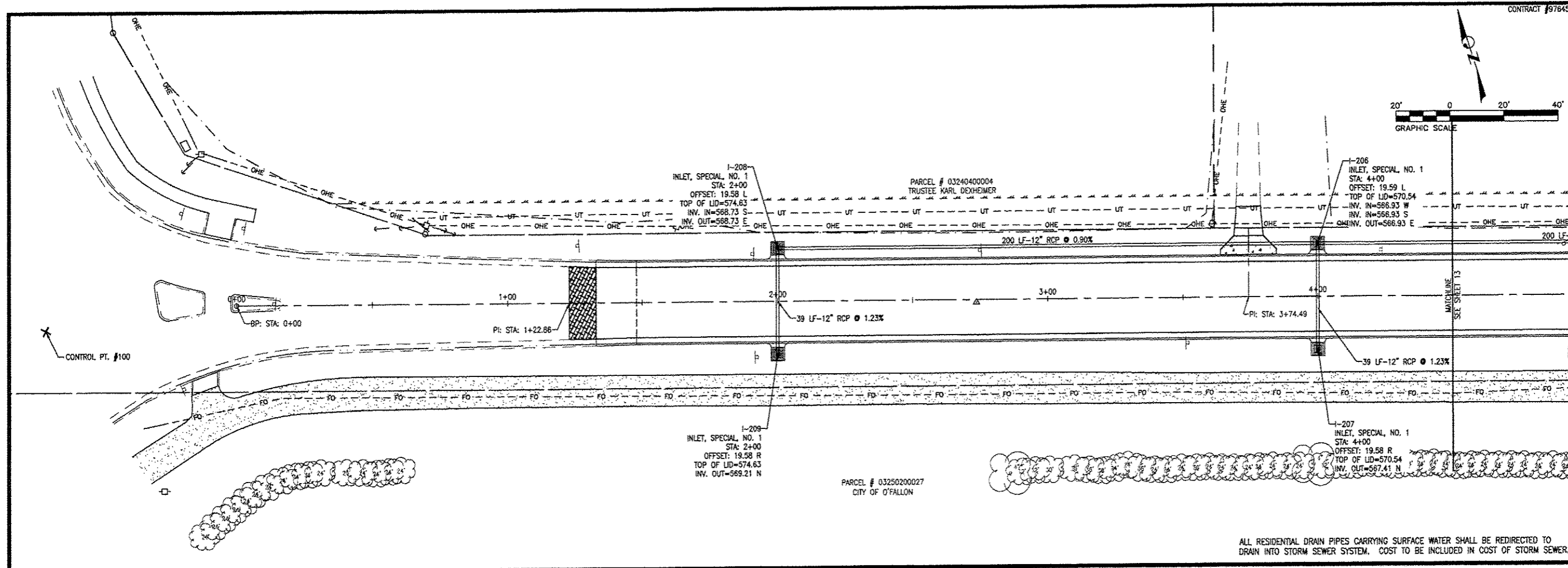
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PROFESSIONAL STRUCTURAL ENGR. CORP.	01-065302
ILLINOIS PROF. LAND SURVEYING CORP.	048-000928
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
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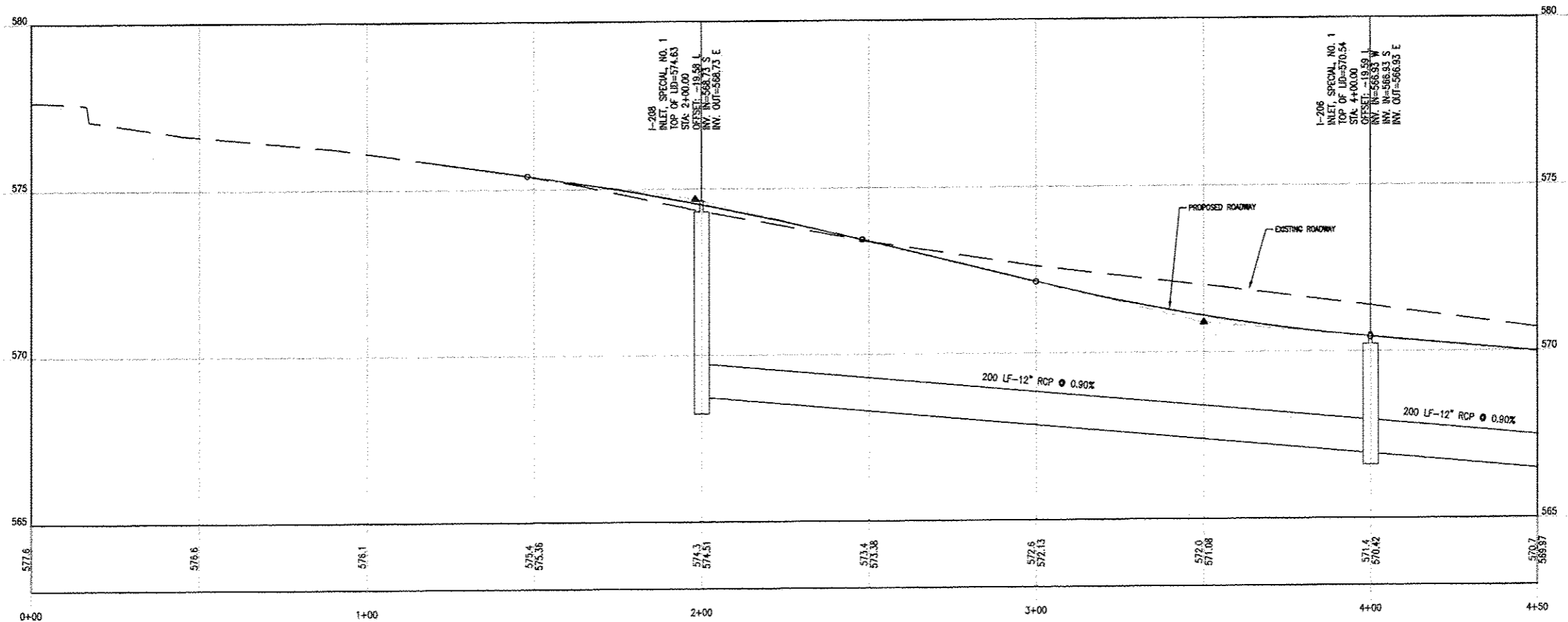
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ALL RESIDENTIAL DRAIN PIPES CARRYING SURFACE WATER SHALL BE REDIRECTED TO DRAIN INTO STORM SEWER SYSTEM, COST TO BE INCLUDED IN COST OF STORM SEWER.

ALIGNMENT - PORTER ROAD CENTERLINE (0+00.00 - 4+50.00)



PORTER RD. DRAINAGE
14-00061-00-PW

PROJECT: PORTER RD. RECONSTRUCTION
CITY OF FALLON
ST. CLAIR COUNTY
ILLINOIS

REV	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: CDK	SHEET
DESIGNED BY: NTS	12
CHECKED BY: NTS	OF 26 SHEETS
APPROVED BY: NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

THOUVENOT, WADE & MOERCHEN, INC.
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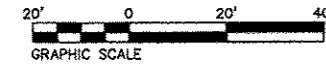
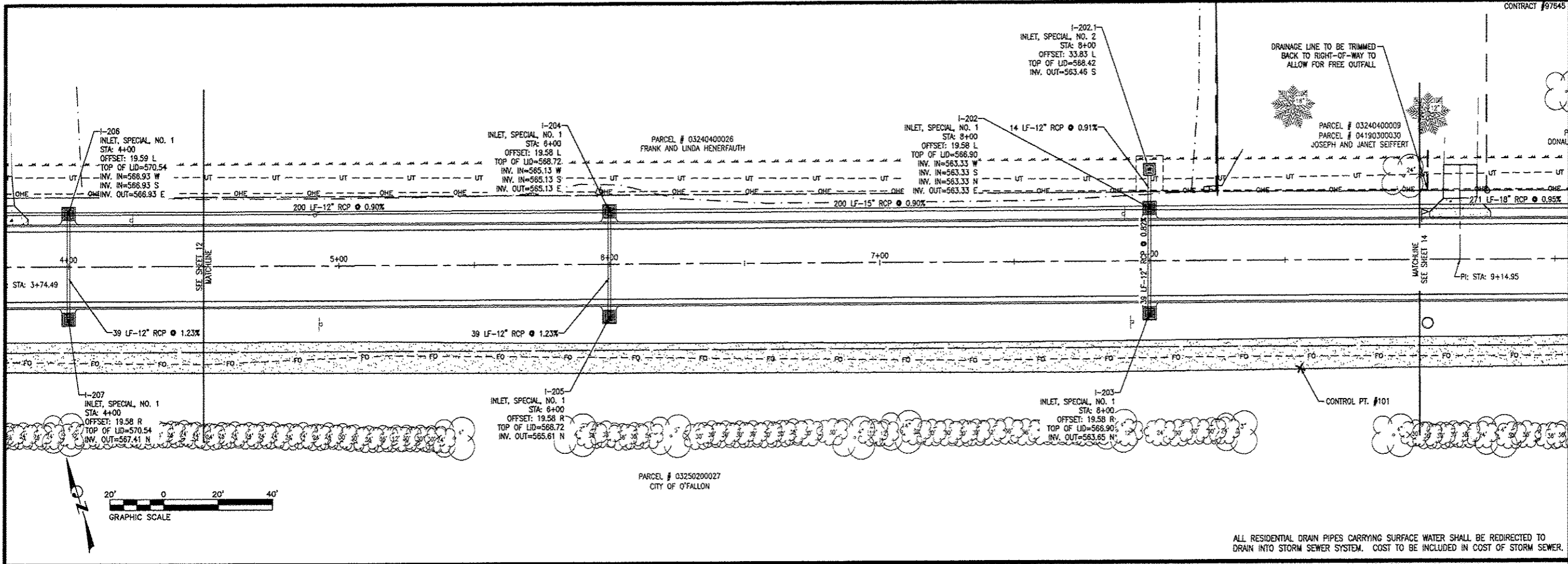
- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
- WATERLOO OFFICE**
113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3938
- EDWARDSVILLE OFFICE**
800 COUNTRY CLUB VIEW, SUITE 1
EDWARDSVILLE, ILLINOIS 62025
TEL (618) 656-4040
FAX (618) 656-4343
- ST. LOUIS OFFICE**
720 OLIVE ST., SUITE 200A
ST. LOUIS, MISSOURI 63101
TEL (314) 241-6300
FAX (314) 241-2391
- ST. CHARLES OFFICE**
400 N. 5TH STREET, SUITE 101
ST. CHARLES, MISSOURI 63301
TEL (636) 724-8300
FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-01220
PROFESSIONAL ENGINEERING CORP.	62-03370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-00302
ILLINOIS PROF. LAND SURVEYING CORP.	048-00028
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

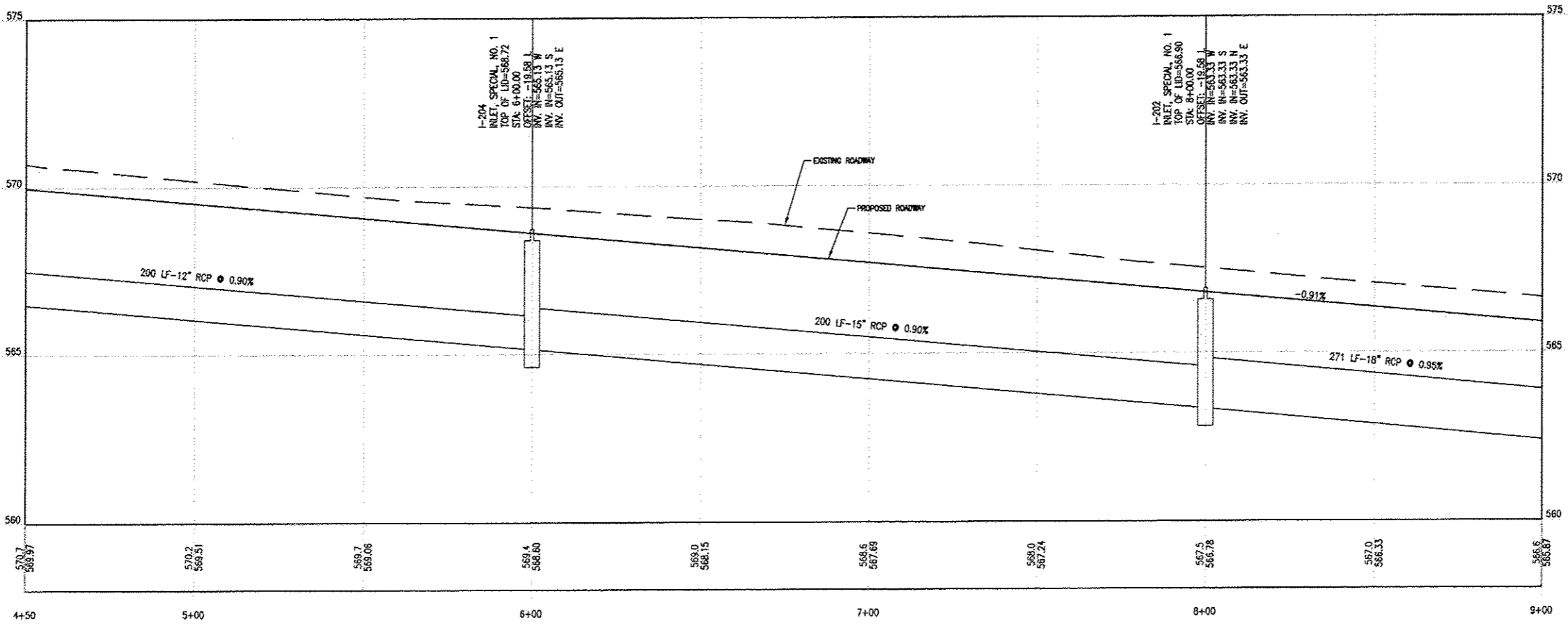
Signature: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY
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ALL RESIDENTIAL DRAIN PIPES CARRYING SURFACE WATER SHALL BE REDIRECTED TO DRAIN INTO STORM SEWER. COST TO BE INCLUDED IN COST OF STORM SEWER.

ALIGNMENT - PORTER ROAD CENTERLINE (4+50.00 - 9+00.00)



PORTER RD. DRAINAGE
14-00061-00-PW

PROJECT:
PORTER RD. RECONSTRUCTION
CITY OF OFFALON
ST. CLAIR COUNTY
ILLINOIS

REV	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: CDK	SHEET: 13
DESIGNED BY: NTS	OF 28 SHEETS
CHECKED BY: NTS	
APPROVED BY: NTS	
PROJECT NUMBER: T25140517	PROJECT: PORTER RD. RECONSTRUCTION
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

THOUVENOT, WADE & MOERCHEN, INC.
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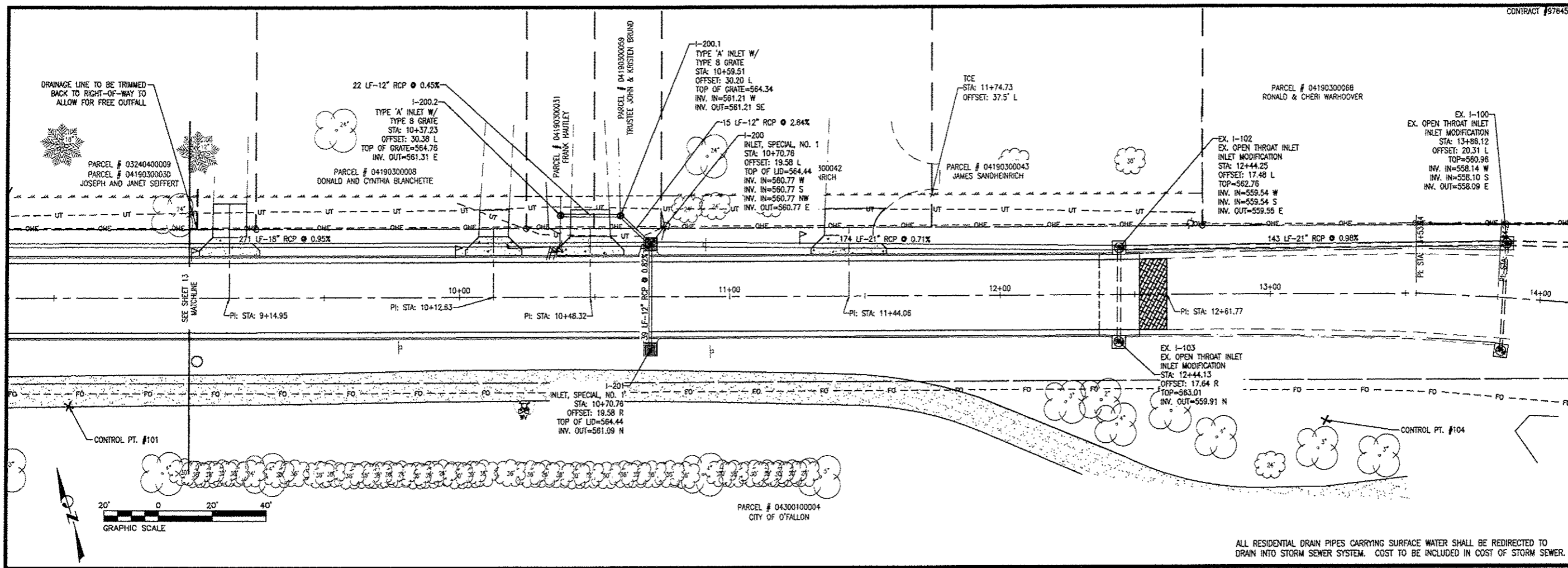
- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
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400 N. 5TH STREET, SUITE 101
ST. CHARLES, MISSOURI 63301
TEL (636) 724-8300
FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN PRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-033370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-00202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

SEAL

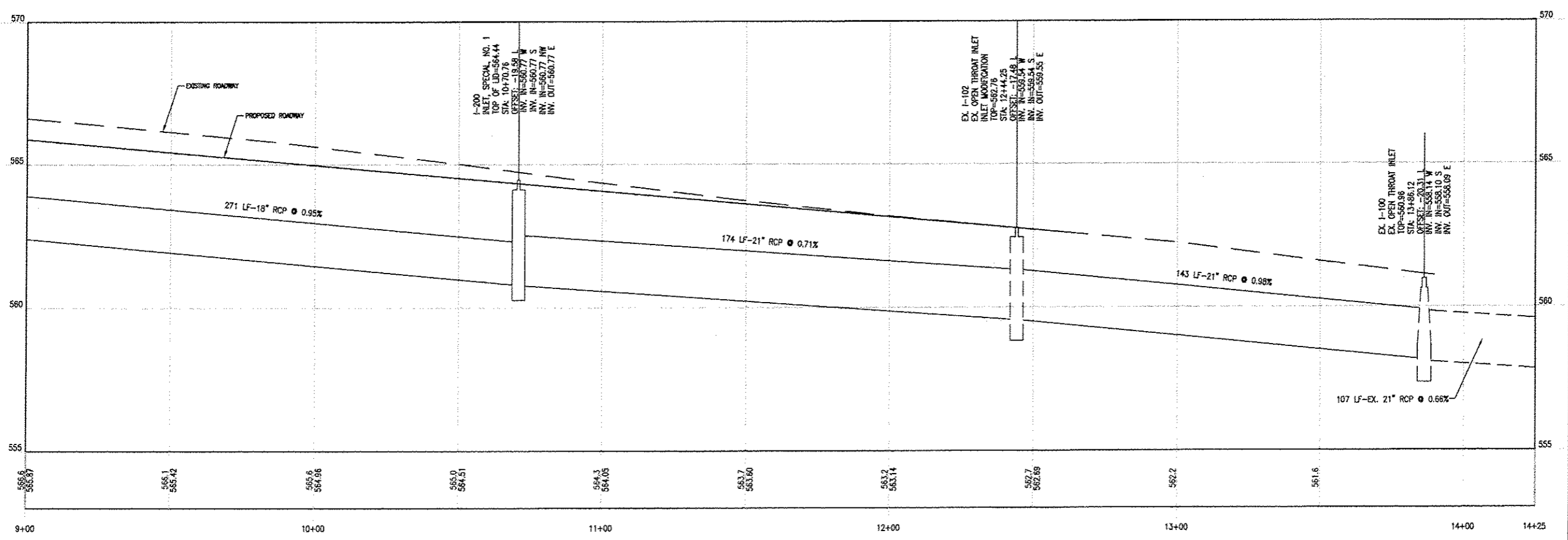
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Signature Date: _____
Expiration Date: _____

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ALIGNMENT - PORTER ROAD CENTERLINE (9+00.00 - 14+25.00)



PORTER RD. DRAINAGE 14-00061-00-FW

PROJECT:
PORTER RD. RECONSTRUCTION
CITY OF O'FALLON
ST. CLAIR COUNTY
ILLINOIS

REV	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: _____	CDK	SHEET
DESIGNED BY: _____	NTS	14
CHECKED BY: _____	NTS	OF 26 SHEETS
APPROVED BY: _____	NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517		
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING	
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING	

THOUVENOT, WADE & MOERCHEN, INC.
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 400 N. 5TH STREET, SUITE 101
 ST. CHARLES, MISSOURI 63301
 TEL (636) 724-8300
 FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGNER	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000023
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000348

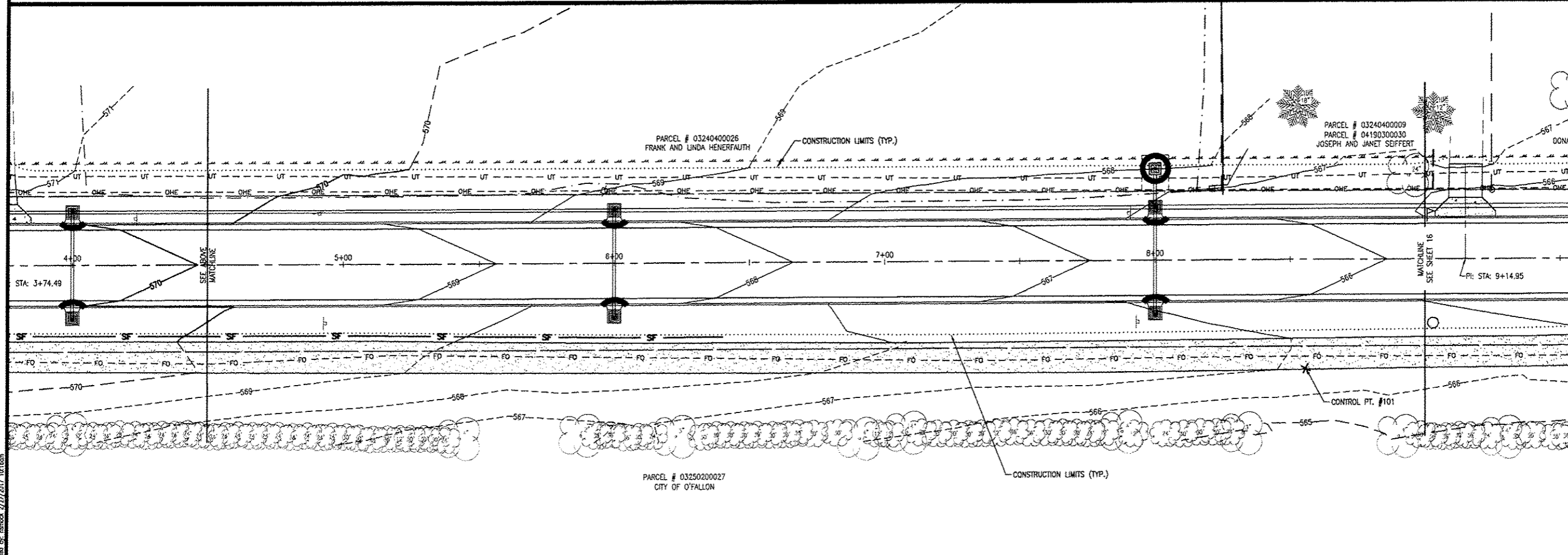
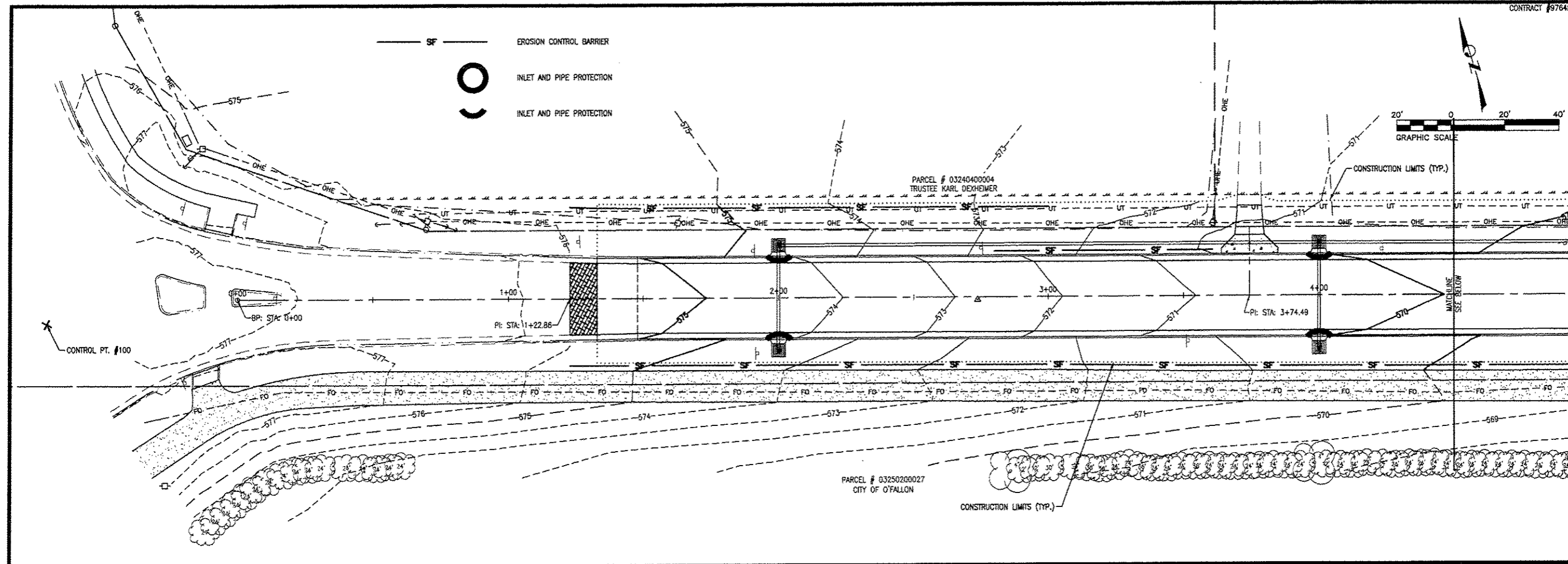
Signature: _____
 Signature Date: _____
 Expiration Date: _____

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TITLE: PORTER RD. EROSION CONTROL PLAN
PROJECT: PORTER RD. RECONSTRUCTION
 CITY OF O'FALLON
 ST. CLAIR COUNTY
 ILLINOIS

REV	DATE	DESCRIPTION

DRAWN BY: CDK	SHEET 15 OF 26 SHEETS
DESIGNED BY: NTS	
CHECKED BY: NTS	
APPROVED BY: NTS	
PROJECT NUMBER: T25140517	PORTER RD. RECONSTRUCTION
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



T:\ASST\A. CASH - DWG - 1140517-BISE-PROP.dwg

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TEL (618) 939-8050
FAX (618) 939-3938
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ST. LOUIS, MISSOURI 63101
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FAX (314) 241-2391
- ST. CHARLES OFFICE**
400 N. 5TH STREET, SUITE 101
ST. CHARLES, MISSOURI 63301
TEL (636) 724-8300
FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001578
MISSOURI LAND SURVEYING CORP.	NC 000348

SEAL

Signature: _____
Signature Date: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY
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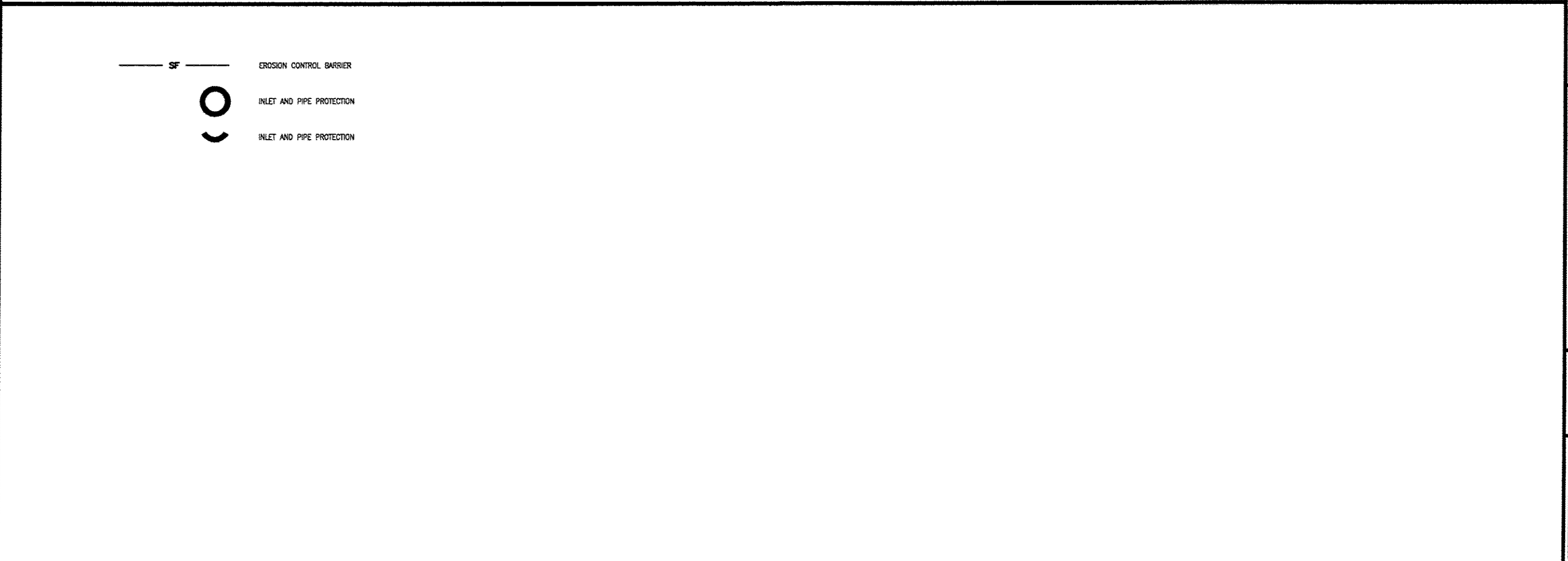
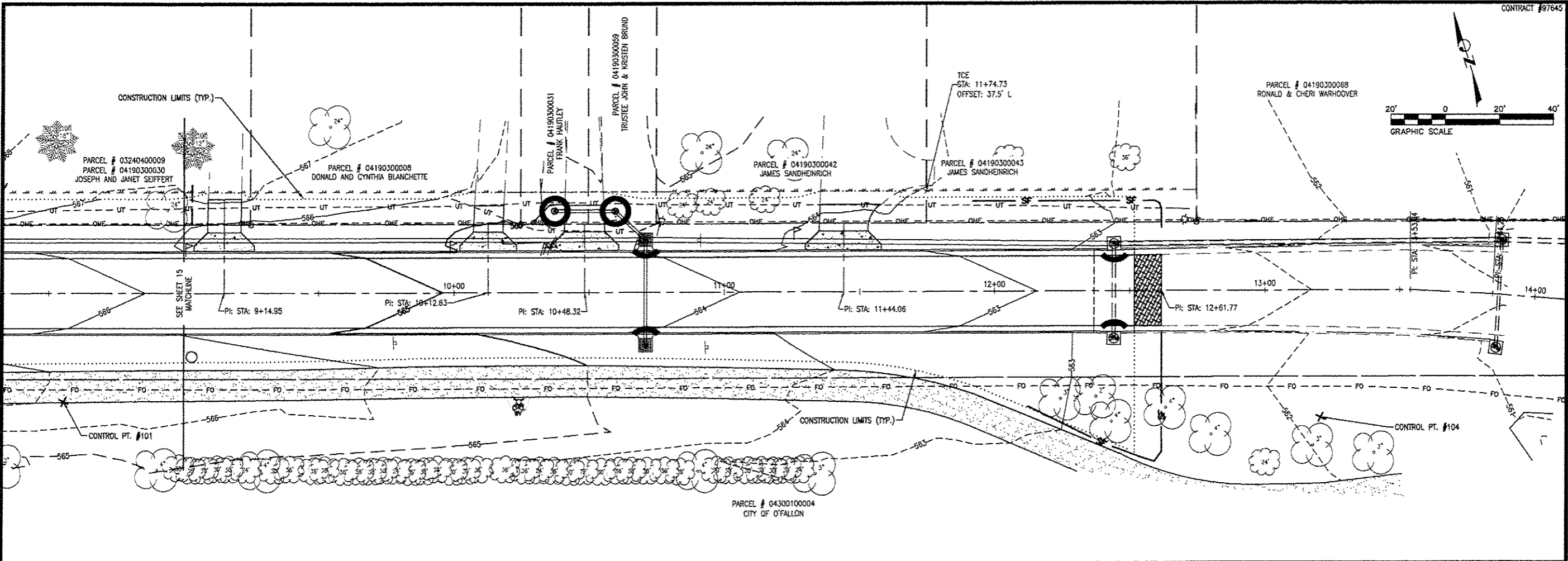
TITLE: **PORTER RD. EROSION CONTROL PLAN**
14-00061-00-PW

PROJECT: **PORTER RD. RECONSTRUCTION**
CITY OF O'FALLON
ST. CLAIR COUNTY
ILLINOIS

REV	DATE	DESCRIPTION
▲		
▲		
▲		

DRAWN BY: CDK	SHEET 16
DESIGNED BY: NTS	OF 26 SHEETS
CHECKED BY: NTS	
APPROVED BY: NTS	
PROJECT NUMBER: T25140517	PORTER RD. RECONSTRUCTION

- ISSUED FOR REVIEW
- ISSUED FOR BIDDING
- ISSUED FOR CONSTR.
- RECORD DRAWING



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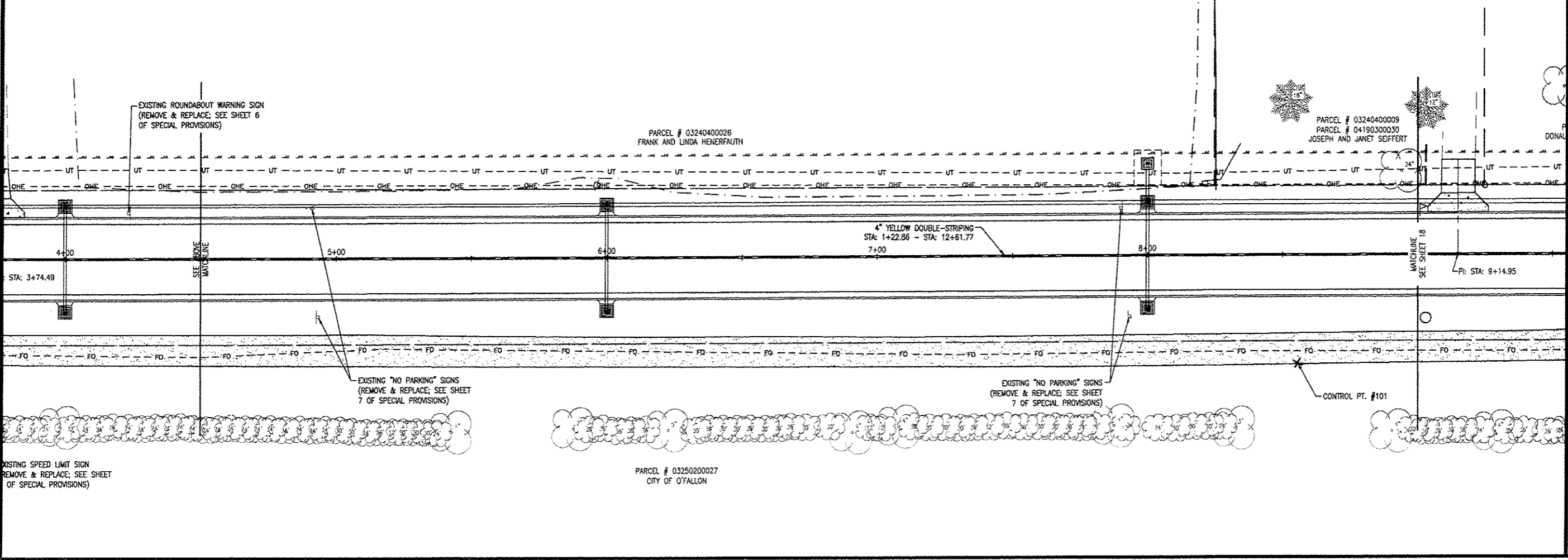
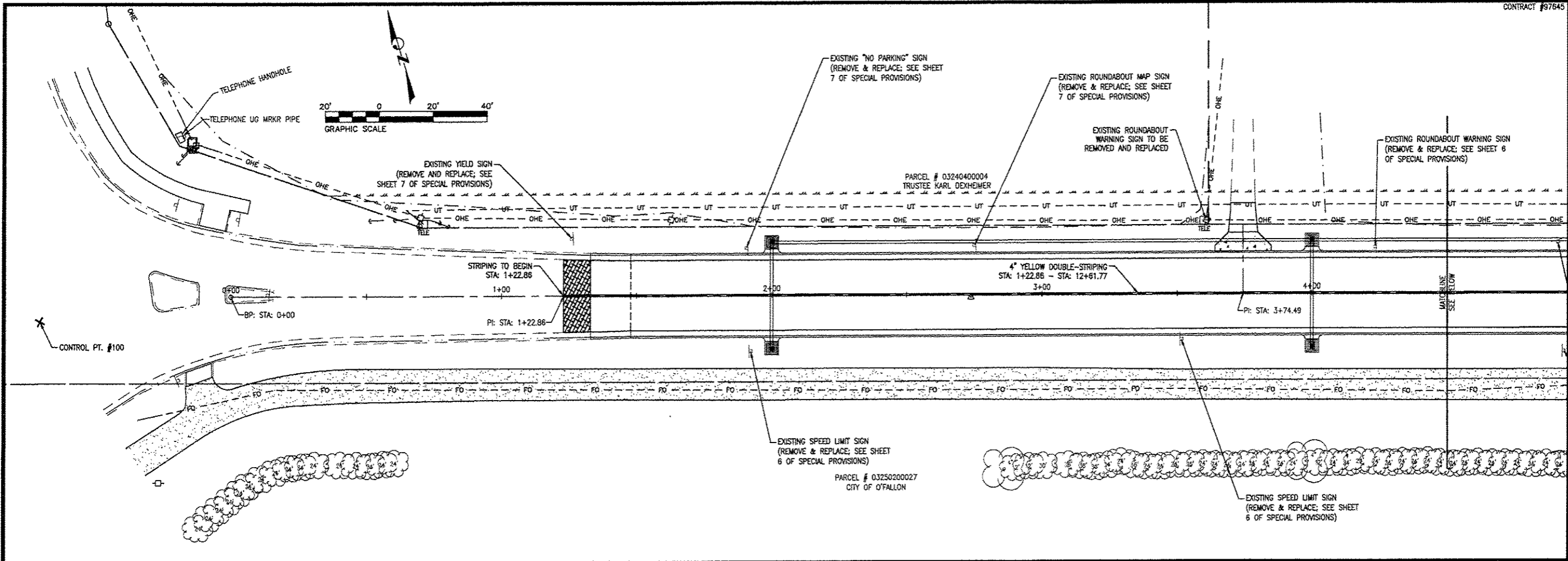
- CORPORATE OFFICE**
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SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
- WATERLOO OFFICE**
113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3938
- EDWARDSVILLE OFFICE**
600 COUNTRY CLUB VIEW, SUITE 1
EDWARDSVILLE, ILLINOIS 62025
TEL (618) 656-4040
FAX (618) 656-4343
- ST. LOUIS OFFICE**
720 OLIVE ST., SUITE 200A
ST. LOUIS, MISSOURI 63101
TEL (314) 241-8300
FAX (314) 241-2391
- ST. CHARLES OFFICE**
400 N. 5TH STREET, SUITE 101
ST. CHARLES, MISSOURI 63301
TEL (636) 724-8300
FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	61-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NO. 001528
MISSOURI LAND SURVEYING CORP.	NO. 000346

SEAL

Signature: _____
 Signature Date: _____
 Expiration Date: _____

STATEMENT OF RESPONSIBILITY
 I hereby confirm that the document herein to be authenticated by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.



TITLE
PORTER RD.
PAVEMENT MARKING AND SIGNAGE
14-00061-00-PW

PROJECT:
PORTER RD. RECONSTRUCTION
CITY OF O'FALLON
ST. CLAIR COUNTY
ILLINOIS

REV	DATE	DESCRIPTION

DRAWN BY: CDK	SHEET
DESIGNED BY: NTS	17
CHECKED BY: NTS	OF 26 SHEETS
APPROVED BY: NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

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 DWG: A7, Iron\140517-BKSS-PROP.dwg
 Plotted by: ramos, 2/27/2017 10:18:00

THOMENOT, WADE & MOERCHEN, INC. ENGINEERS SURVEYORS PLANNERS



- CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
- WATERLOO OFFICE
113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3938
- EDWARDSVILLE OFFICE
600 COUNTRY CLUB VIEW, SUITE 1
EDWARDSVILLE, ILLINOIS 62025
TEL (618) 656-4040
FAX (618) 656-4343
- ST. LOUIS OFFICE
720 OLIVE ST., SUITE 200A
ST. LOUIS, MISSOURI 63101
TEL (314) 241-6300
FAX (314) 241-2391
- ST. CHARLES OFFICE
400 N. 5TH STREET, SUITE 101
ST. CHARLES, MISSOURI 63301
TEL (636) 724-8300
FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001028
MISSOURI LAND SURVEYING CORP.	NC 000346

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Signature: _____
 Signature Date: _____
 Expiration Date: _____

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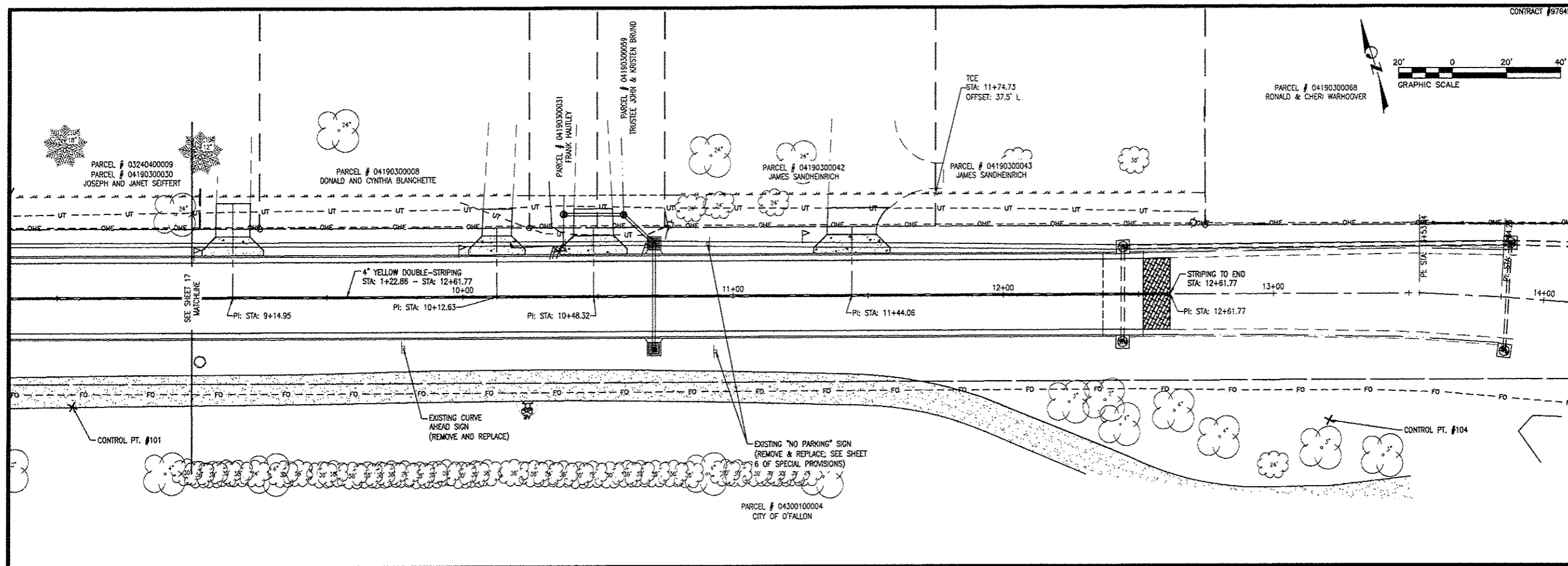
TITLE: PORTER RD. PAVEMENT MARKING AND SIGNAGE
 14-00061-00-PW

PROJECT: PORTER RD. RECONSTRUCTION
 CITY OF FALLON
 ST. CLAIR COUNTY
 ILLINOIS

REV	DATE	DESCRIPTION
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DRAWN BY: CDK	SHEET 18
DESIGNED BY: NTS	OF 26 SHEETS
CHECKED BY: NTS	
APPROVED BY: NTS	
PROJECT NUMBER: T25140517	PORTER RD. RECONSTRUCTION

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING



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FAX (618) 624-8688
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ST. CHARLES, MISSOURI 63301
TEL (636) 724-8300
FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-00120
PROFESSIONAL ENGINEERING CORP.	82-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-065262
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

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Signature: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY

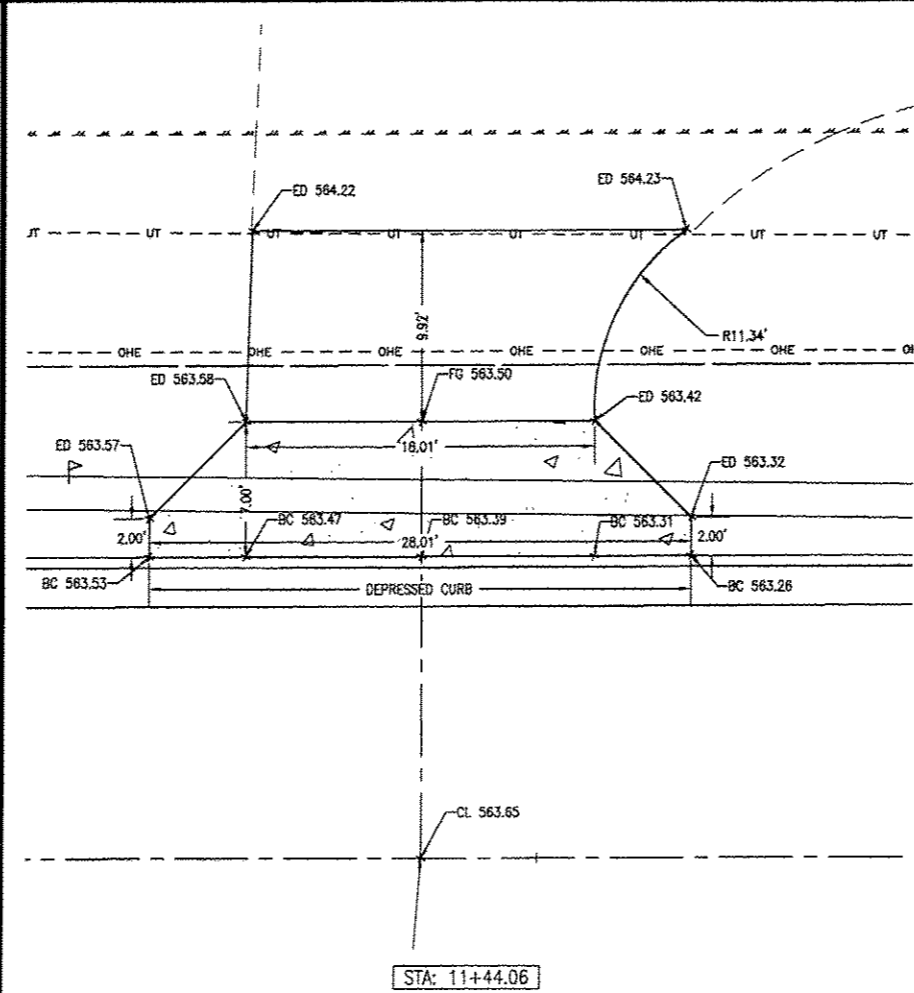
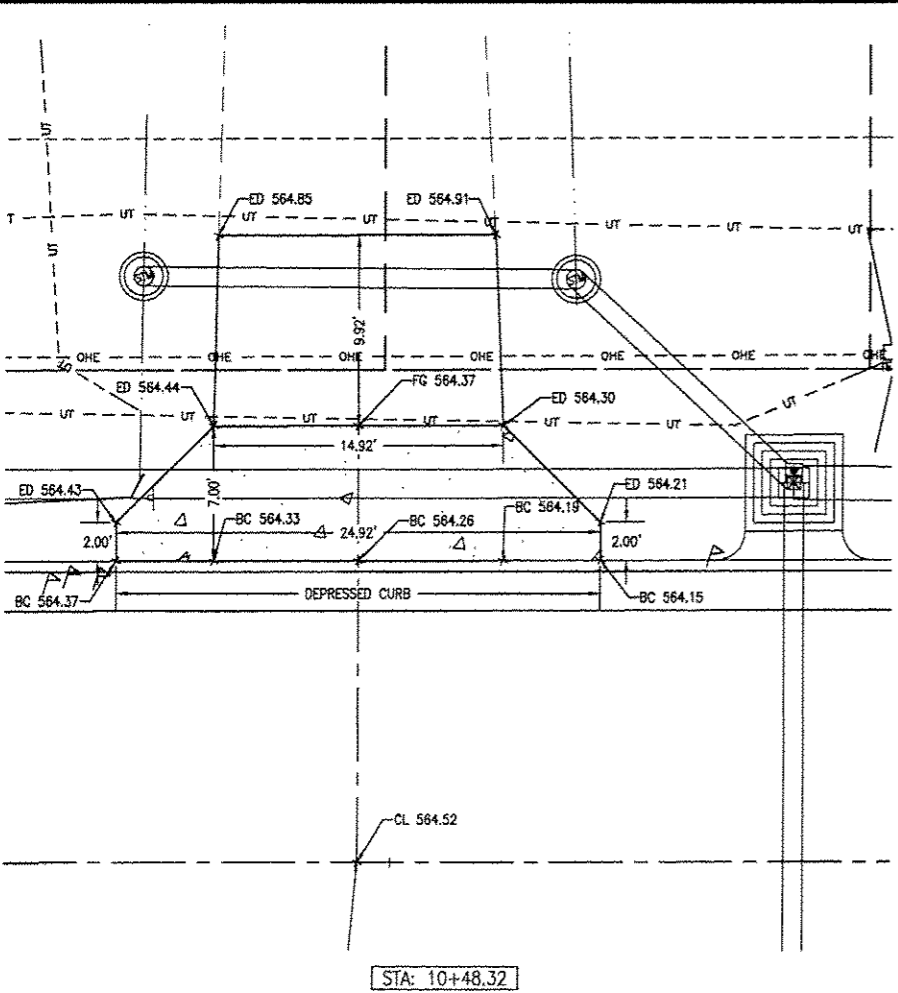
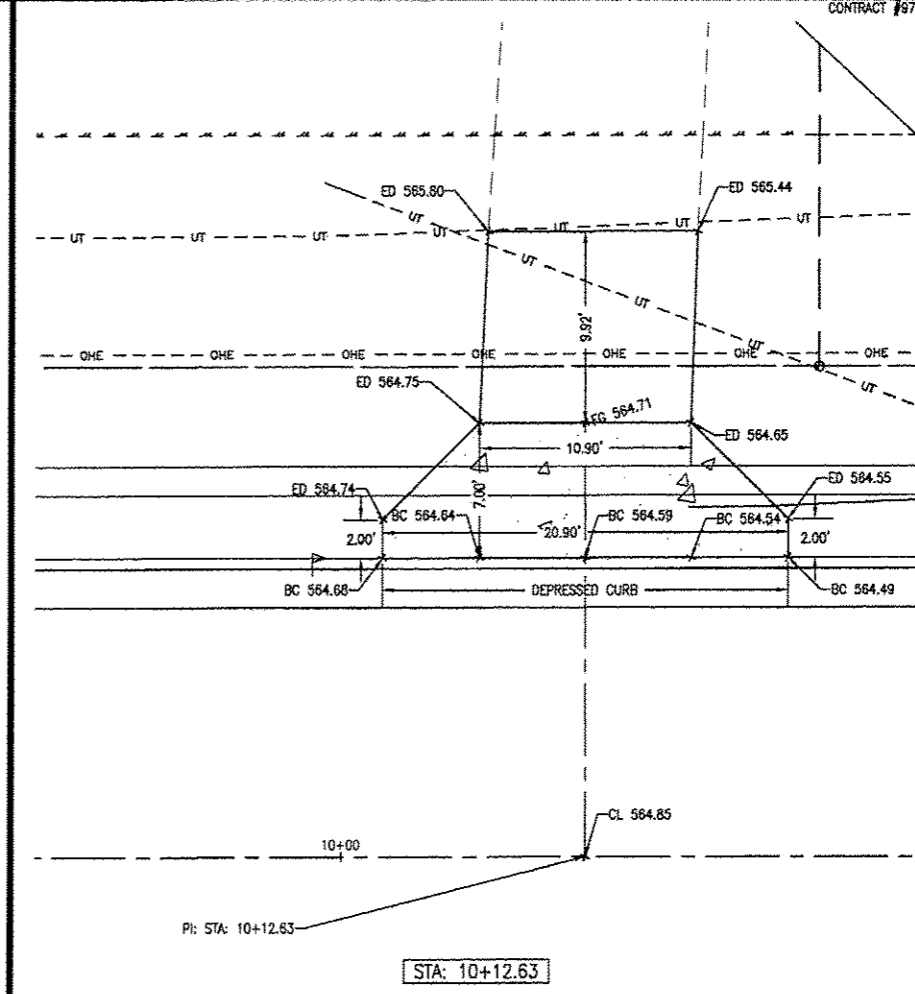
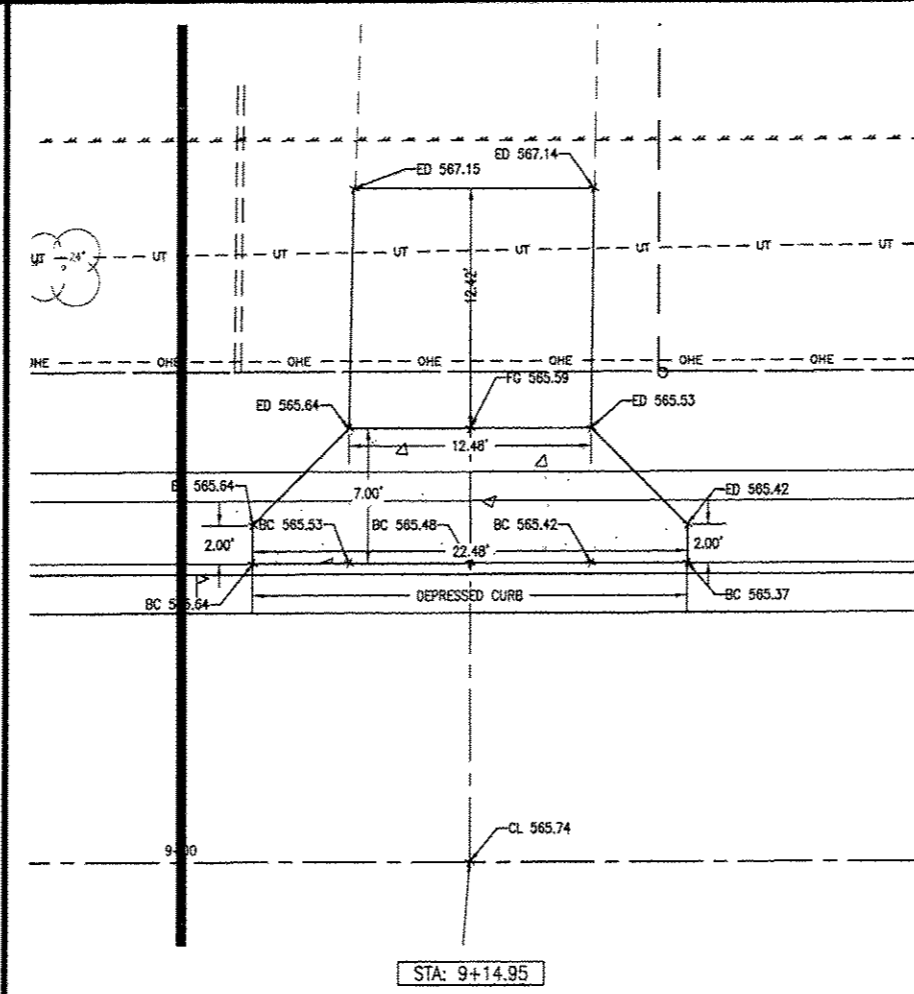
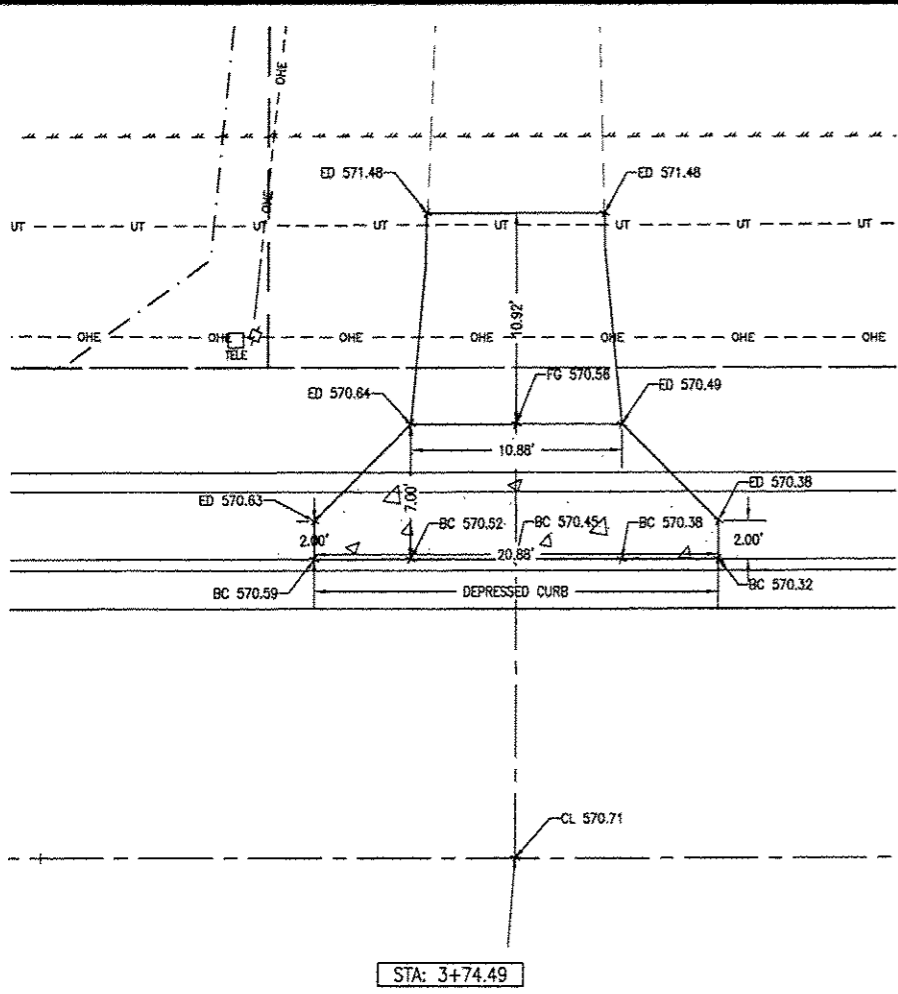
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TITLE: PORTER RD. ENTRANCE APRONS 14-00061-00-PW

PROJECT: PORTER RD. RECONSTRUCTION CITY OF FALLON ST. CLAIR COUNTY ILLINOIS

REV	DATE	DESCRIPTION
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▲		
▲		

DRAWN BY: CDK	SHEET 19
DESIGNED BY: NTS	OF 26 SHEETS
CHECKED BY: NTS	PROJECT NUMBER: T25140517
APPROVED BY: NTS	PROJECT: PORTER RD. RECONSTRUCTION
<input checked="" type="checkbox"/> ISSUED FOR REVIEW <input type="checkbox"/> ISSUED FOR BIDDING <input type="checkbox"/> ISSUED FOR CONSTR. <input type="checkbox"/> RECORD DRAWING	



LEGEND

BC	=	BACK OF CURB
CL	=	CENTERLINE
ED	=	EDGE OF DRIVEWAY
FG	=	FINISHED GRADE

AGGREGATE TO BE PLACED AT GRADES SHOWN BEHIND CONCRETE DRIVE APRONS.

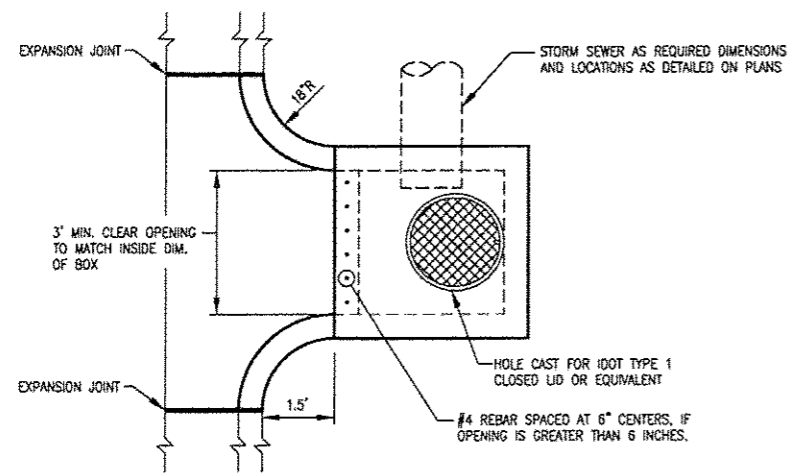


- CORPORATE OFFICE**
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WATERLOO, ILLINOIS 62298
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TEL (636) 724-8300
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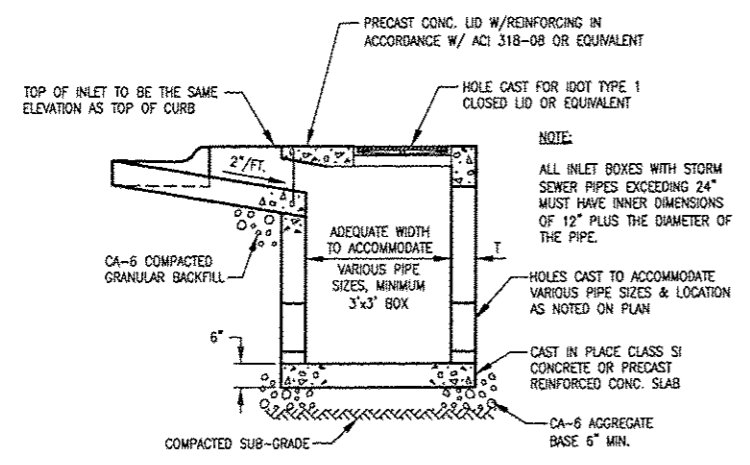
PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	HC 001528
MISSOURI LAND SURVEYING CORP.	HC 000346

Signature: _____
Signature Date: _____
Expiration Date: _____

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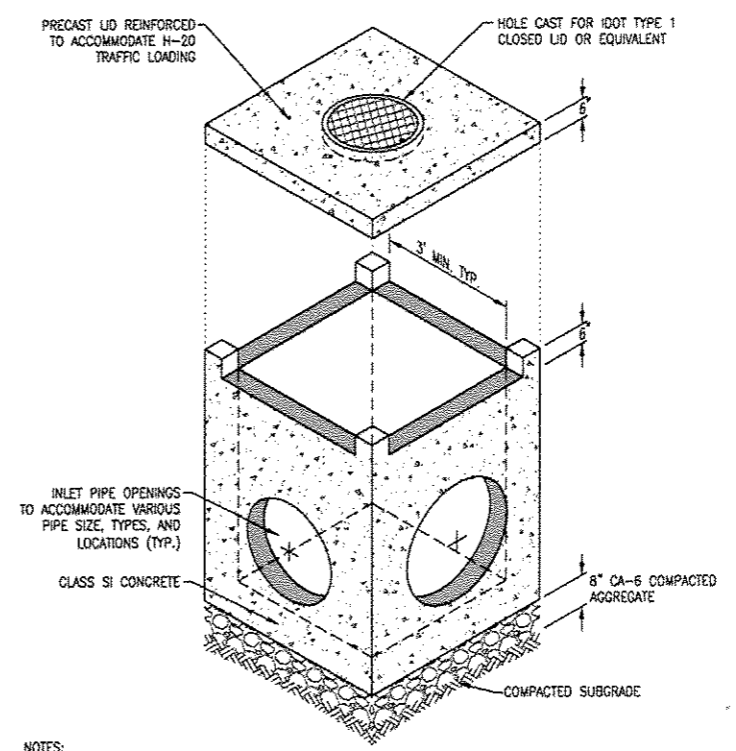
PLAN



ELEVATION

NOTE:
PRE-CAST INLET SHALL CONFORM TO ASTM C-478

INLETS, SPECIAL, NO. 1



NOTES:

1. PRECAST OPEN THROAT INLETS SHALL CONFORM TO ASTM C-478
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL STORM SEWER STRUCTURES
3. MINIMUM INSIDE DIMENSION OF OPEN THROAT INLETS SHALL BE 3' X 3'.
4. ALL INLETS SHALL HAVE A MINIMUM OF 6" BETWEEN OUTSIDE OF PIPE AND ADJACENT WALL OF STRUCTURE.
5. STORM SEWER PIPE TO BE SEALED WITH NON-SHRINK GROUT AT PIPE/INLET INTERFACE.

INLETS, SPECIAL, NO. 2

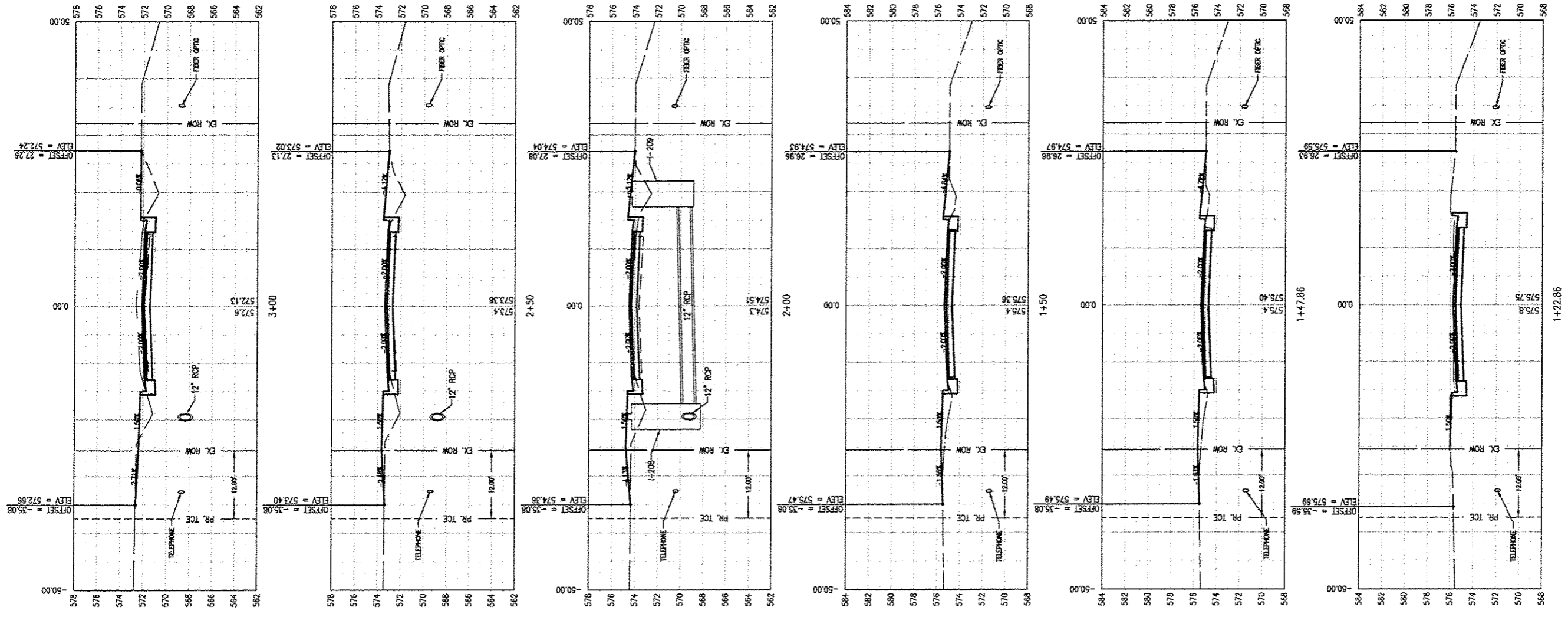
PORTER RD. MISCELLANEOUS DETAILS
14-00061-00-PW

PROJECT:
PORTER RD. RECONSTRUCTION
CITY OF OFALLON
ST. CLAIR COUNTY
ILLINOIS

REV	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: CDK	SHEET
DESIGNED BY: NTS	20
CHECKED BY: NTS	OF 26 SHEETS
APPROVED BY: NTS	
PROJECT NUMBER: T25140517	PORTER RD. RECONSTRUCTION

- ISSUED FOR REVIEW
- ISSUED FOR BIDDING
- ISSUED FOR CONSTR.
- RECORD DRAWING



SCALE
 1"=5' VERT.
 1"=10' HORIZ.

LEGEND
 EX. ROW = EXISTING RIGHT OF WAY
 PR. TCE = PROPOSED TEMPORARY CONSTRUCTION EASEMENT

NOTES
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 3. DEPTHS AND LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE.
 4. SEE PAGE 26 FOR CUTS AND FILLS.

CONTRACT #97645

THOUVENOT, WADE & MOERCHEN, INC.
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 WATERLOO, ILLINOIS 62298
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 ST. CHARLES, MISSOURI 63301
 TEL (636) 724-8300
 FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-033370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

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Signature: _____
 Signature Date: _____
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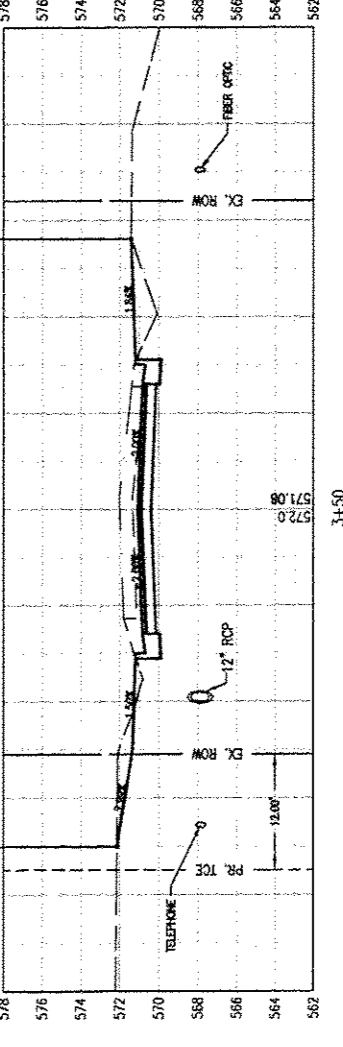
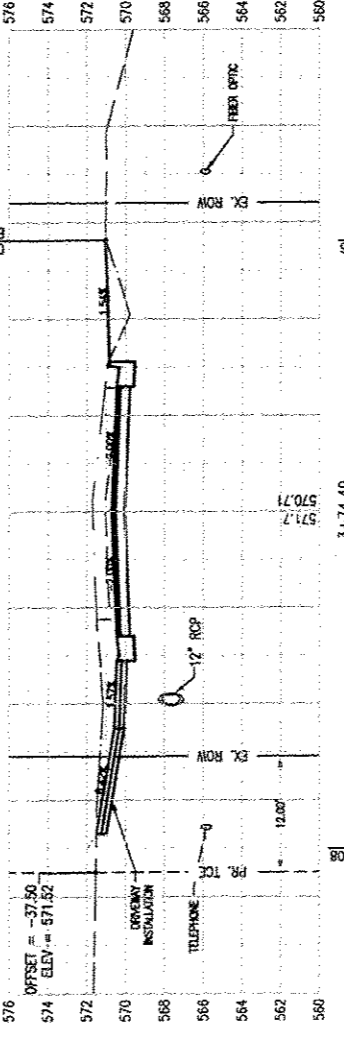
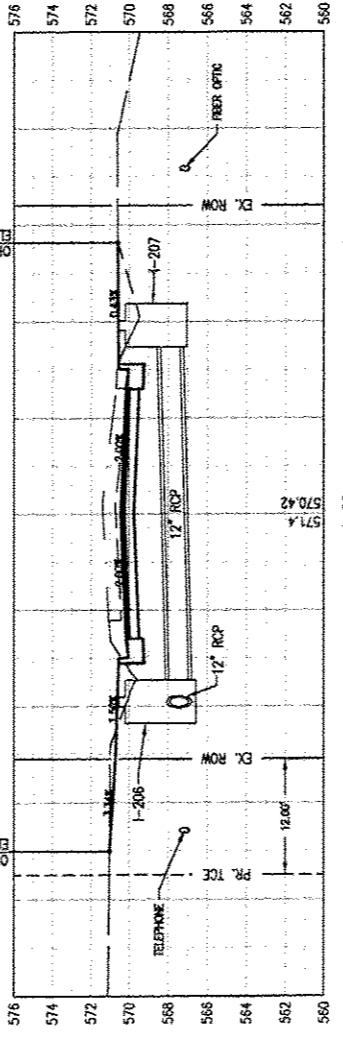
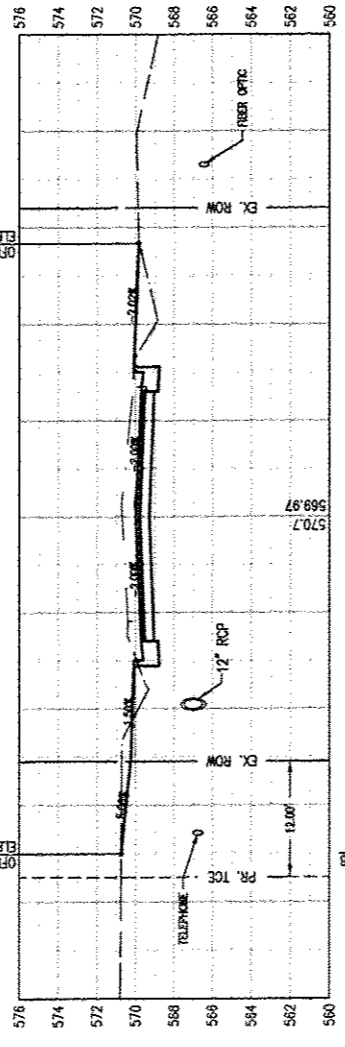
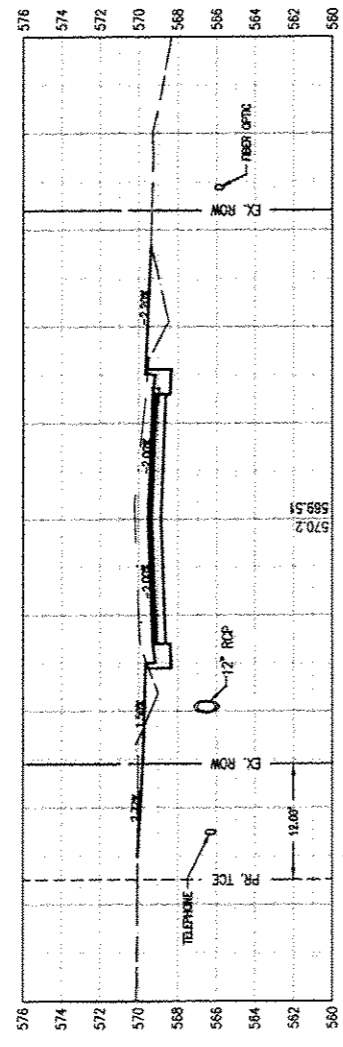
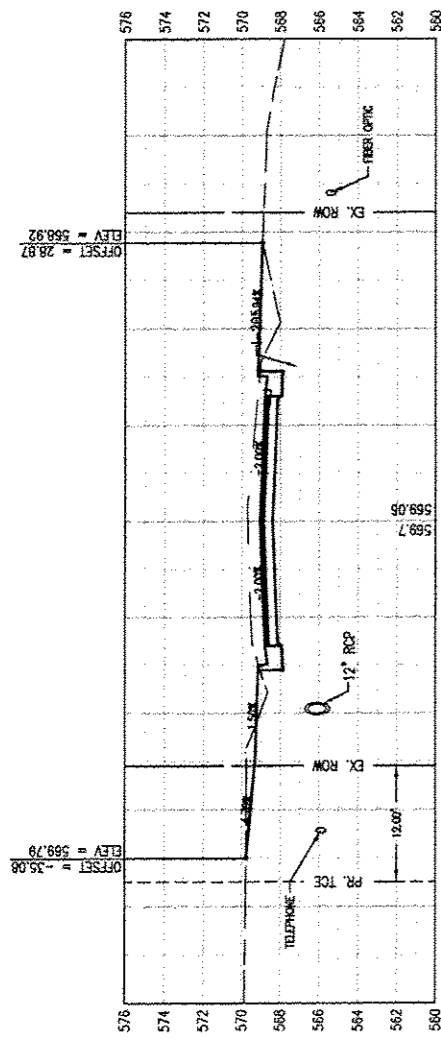
TITLE: **PORTER RD. RECONSTRUCTION CROSS SECTIONS 14-00061-00-PW**

PROJECT: **PORTER RD. RECONSTRUCTION CITY OF OFALLON ST. CLAIR COUNTY ILLINOIS**

REV	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: CDK	SHEET 21 OF 26 SHEETS
DESIGNED BY: NTS	
CHECKED BY: NTS	
APPROVED BY: NTS	
PROJECT NUMBER: T25140517	PORTER RD. RECONSTRUCTION

- ISSUED FOR REVIEW
- ISSUED FOR BIDDING
- ISSUED FOR CONSTR.
- RECORD DRAWING



SCALE
 1"=5' VERT.
 1"=10' HORIZ.

LEGEND
 EX ROW = EXISTING RIGHT OF WAY
 PR TOE = PROPOSED TEMPORARY CONSTRUCTION EASEMENT

NOTES
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 4. SEE PAGE 26 FOR CUTS AND FILLS

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 ST. CHARLES, MISSOURI 63301
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 FAX (636) 724-8304

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001120
ILLINOIS PROFESSIONAL ENGINEERING CORP.	02-033370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	045-000229
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

Signature: _____
 Signature Date: _____
 Expiration Date: _____

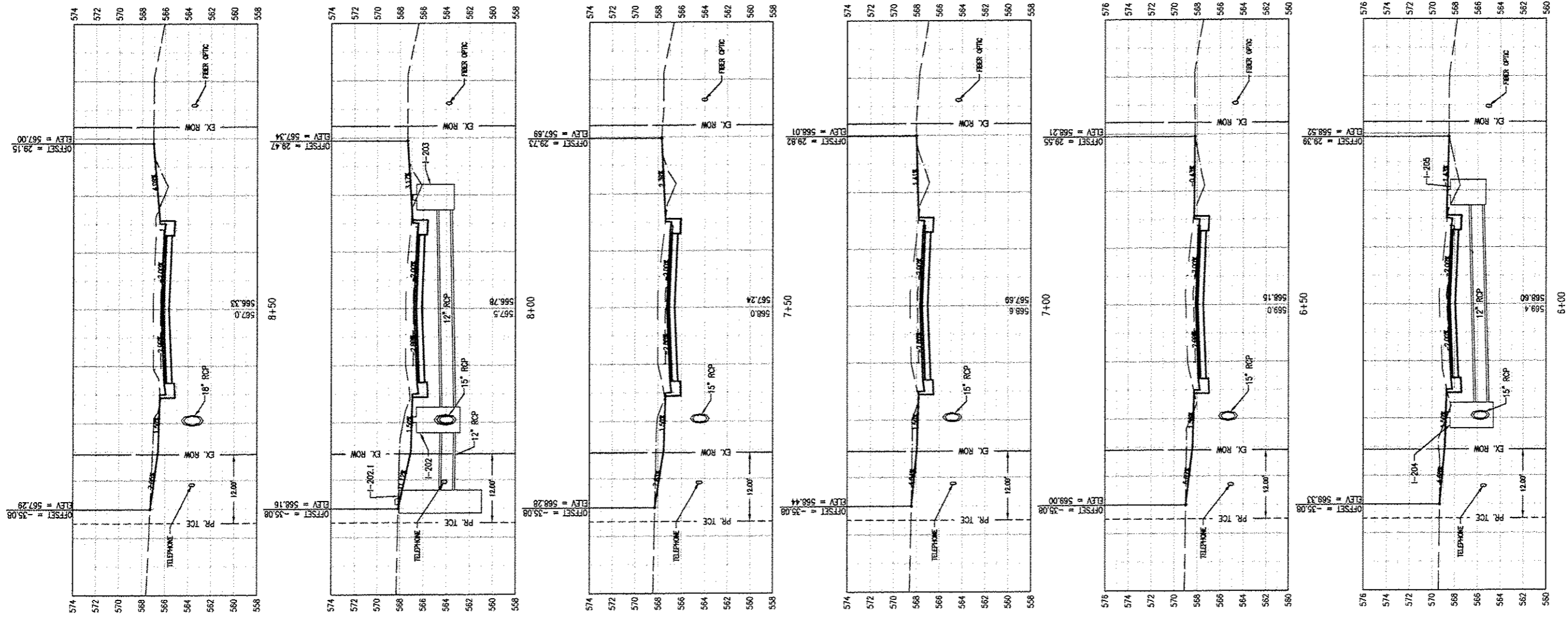
STATEMENT OF RESPONSIBILITY
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TITLE: **PORTER RD. RECONSTRUCTION**
 CROSS SECTIONS
 14-00061-00-PW

PROJECT: **PORTER RD. RECONSTRUCTION**
 CITY OF FALLON
 ST. CLAIR COUNTY
 ILLINOIS

REV	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: CDK	SHEET
DESIGNED BY: NTS	22
CHECKED BY: NTS	OF 26 SHEETS
APPROVED BY: NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



SCALE: VERT. 1"=5'
 1"=10' HORIZ.
 LEGEND:
 EX. ROW = EXISTING RIGHT OF WAY
 PR. TCE = PROPOSED TEMPORARY CONSTRUCTION EASEMENT

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CONTRACT #97645

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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	02-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	01-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

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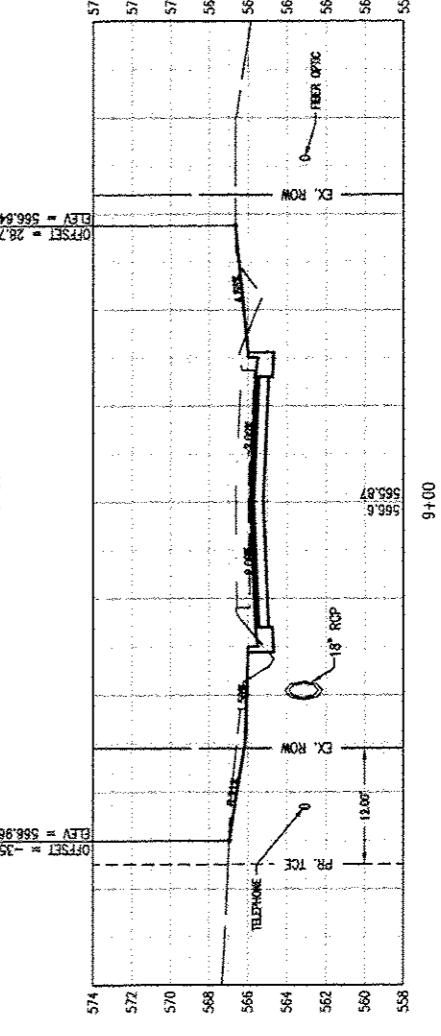
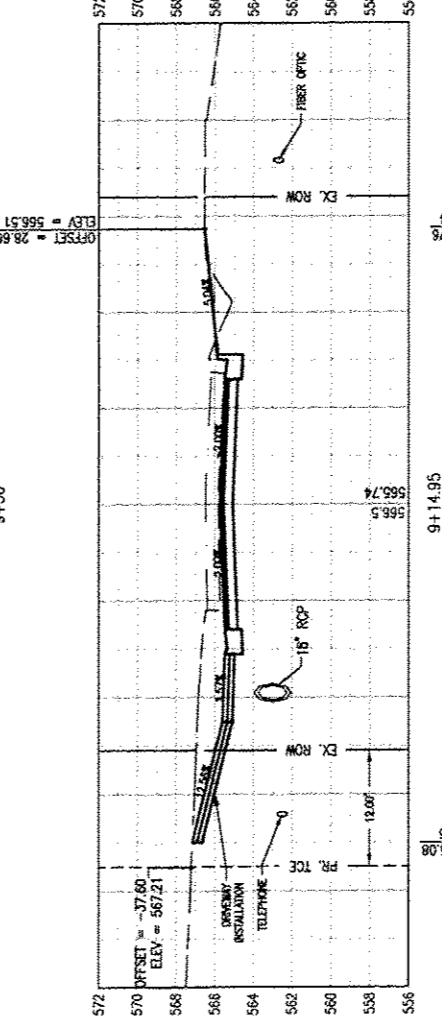
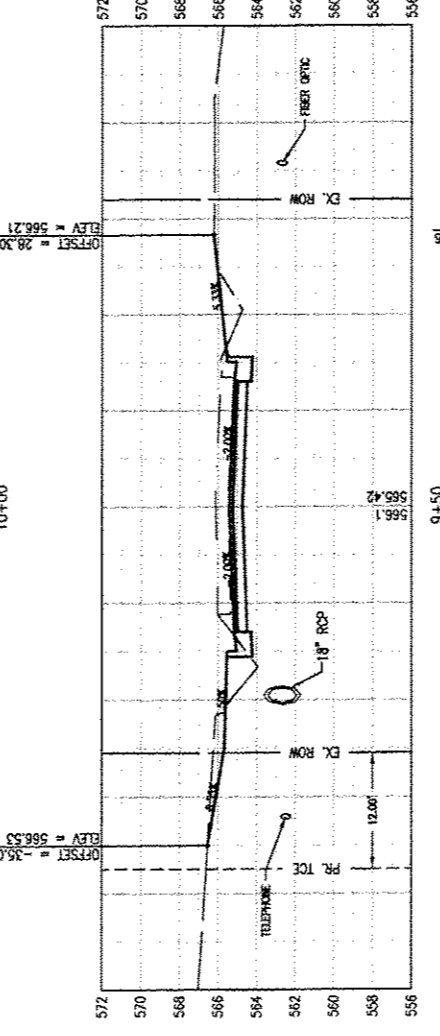
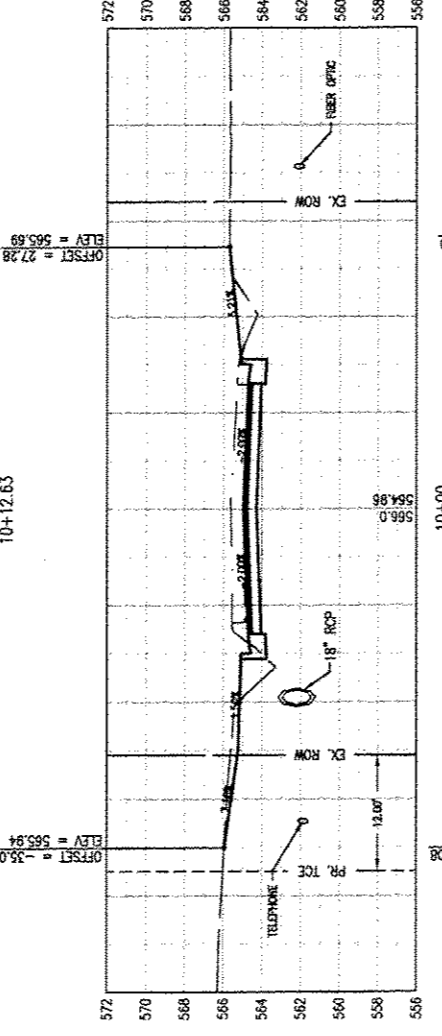
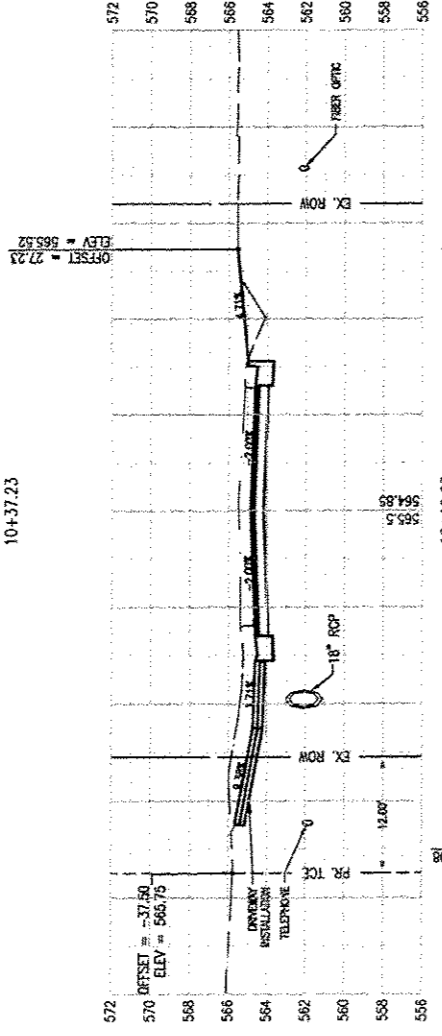
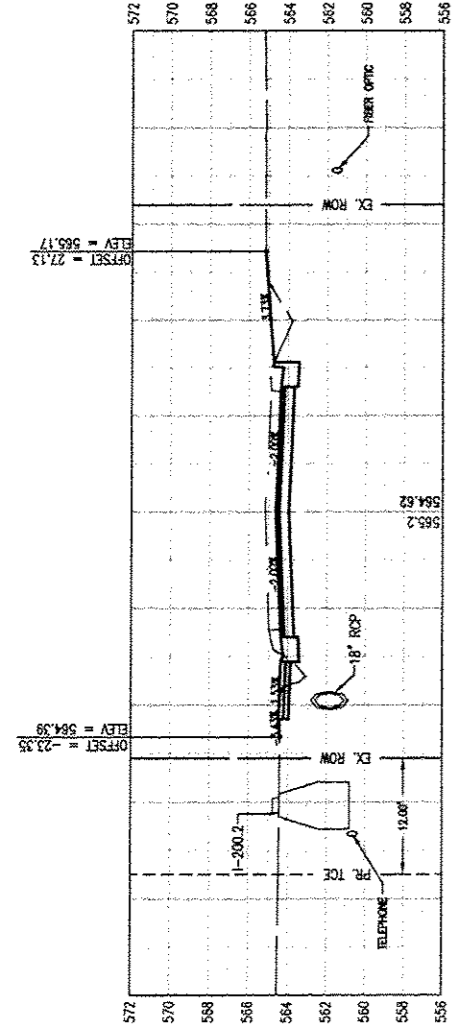
TITLE:
PORTER RD. RECONSTRUCTION
CROSS SECTIONS
14-00061-00-PW

PROJECT:
PORTER RD. RECONSTRUCTION
CITY OF FALLON
ST. CLAIR COUNTY
ILLINOIS

REV.	DATE	DESCRIPTION
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△		
△		

DRAWN BY: CDK	SHEET
DESIGNED BY: NTS	23
CHECKED BY: NTS	OF 26 SHEETS
APPROVED BY: NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

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 Plotted By: rmorek 7/27/2017 10:17am



SCALE
 1"=4' VERT.
 1"=10' HORIZ.
 LEGEND
 EX ROW = EXISTING RIGHT OF WAY
 PR TCE = PROPOSED TEMPORARY CONSTRUCTION EASEMENT
 NOTES
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THOUVENOT,
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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001228
PROFESSIONAL ENGINEERING CORP.	82-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000028
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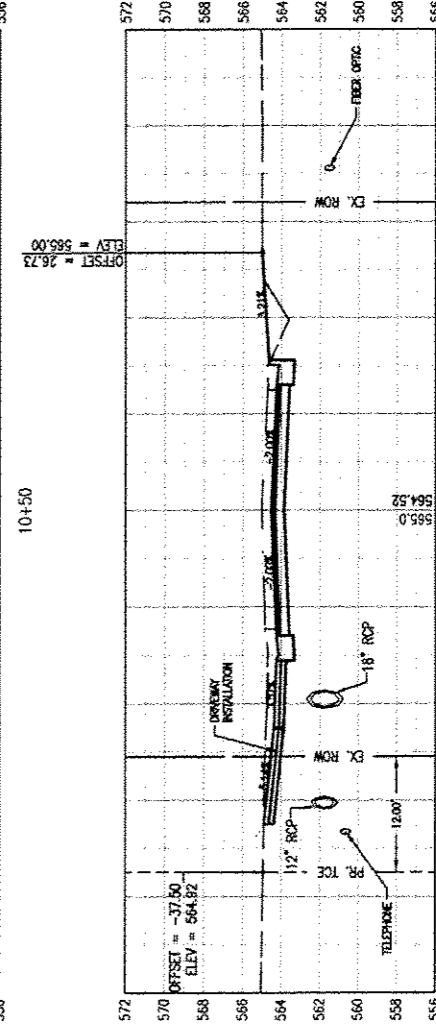
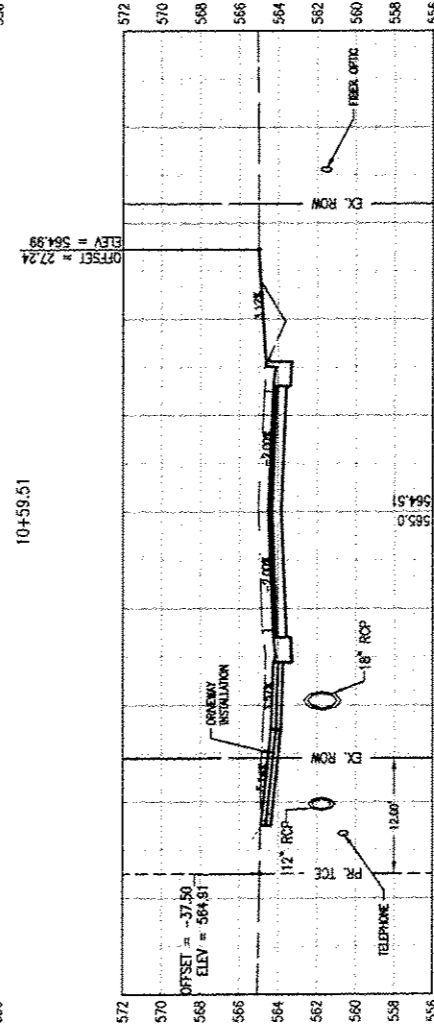
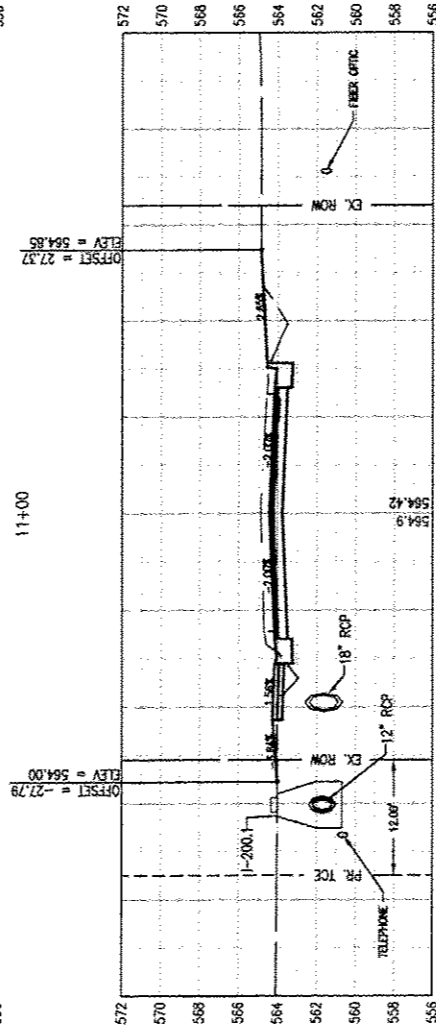
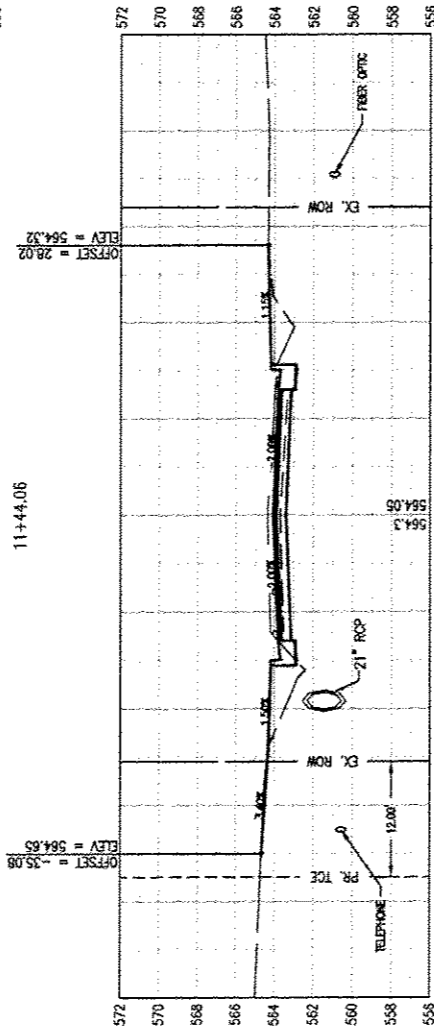
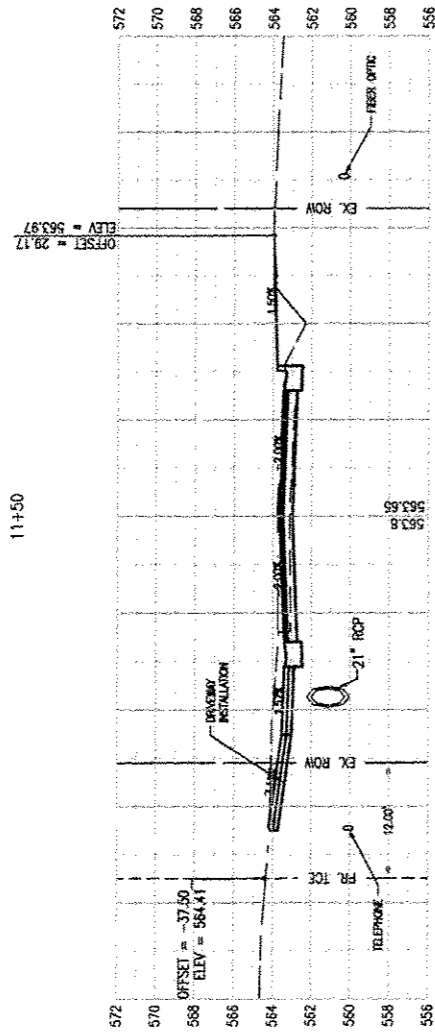
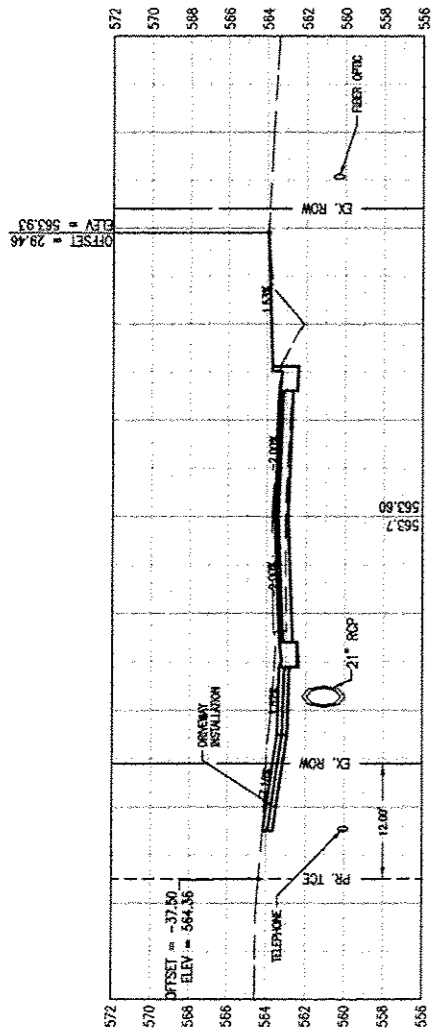
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TITLE:
**PORTER RD. RECONSTRUCTION
 CROSS SECTIONS
 14-00061-00-PW**

PROJECT:
**PORTER RD. RECONSTRUCTION
 CITY OF FALLON
 ST. CLAIR COUNTY
 ILLINOIS**

REV	DATE	DESCRIPTION
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△		
△		

DRAWN BY: CDK	SHEET
DESIGNED BY: NTS	24
CHECKED BY: NTS	OF 26 SHEETS
APPROVED BY: NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517	
<input type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



SCALE
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TITLE:
PORTER RD. RECONSTRUCTION CROSS SECTIONS 14-00061-00-PW

PROJECT:
PORTER RD. RECONSTRUCTION CITY OF FALLON ST. CLAIR COUNTY ILLINOIS

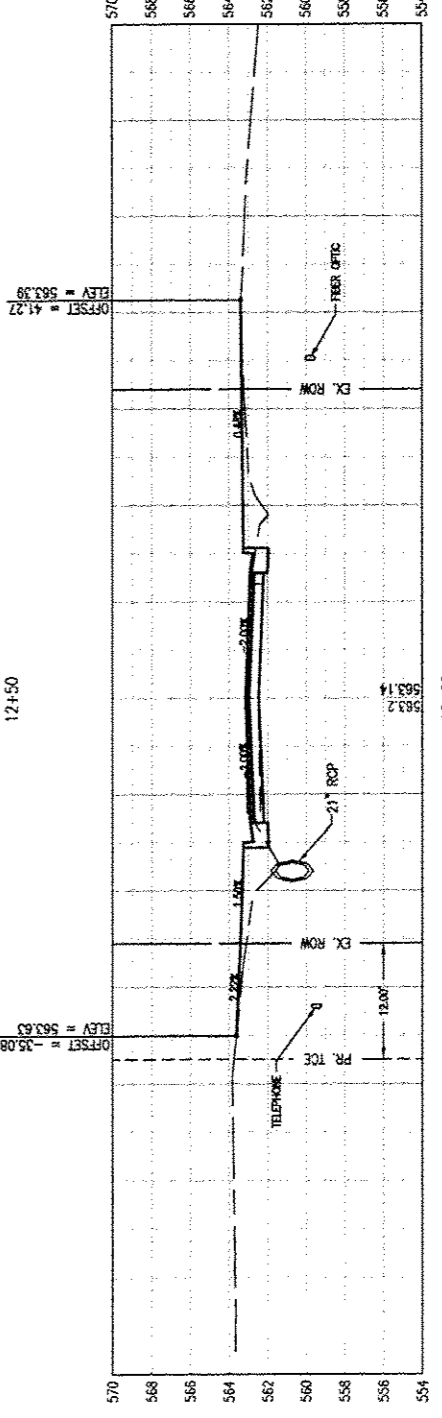
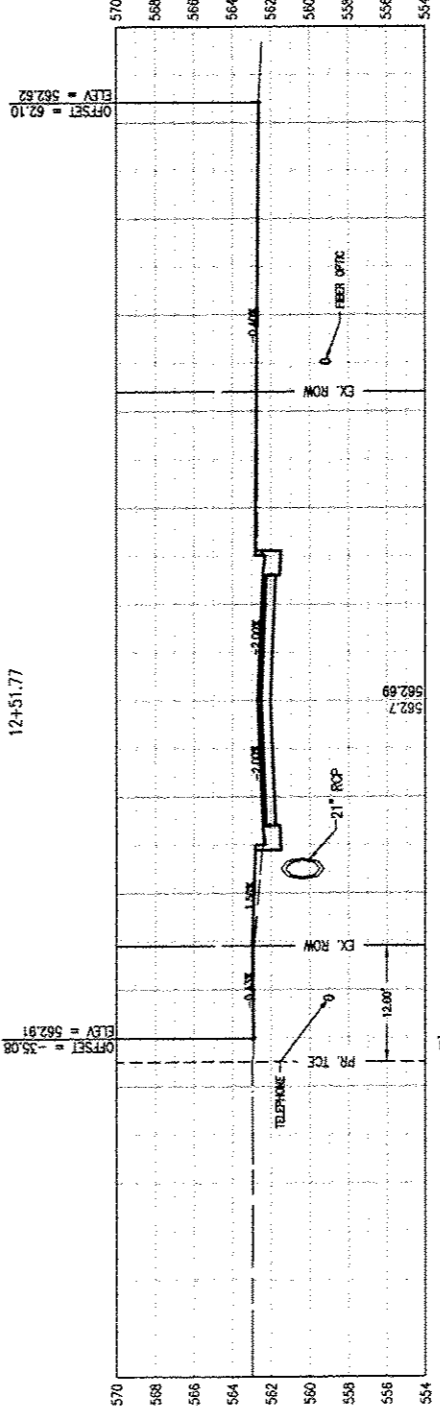
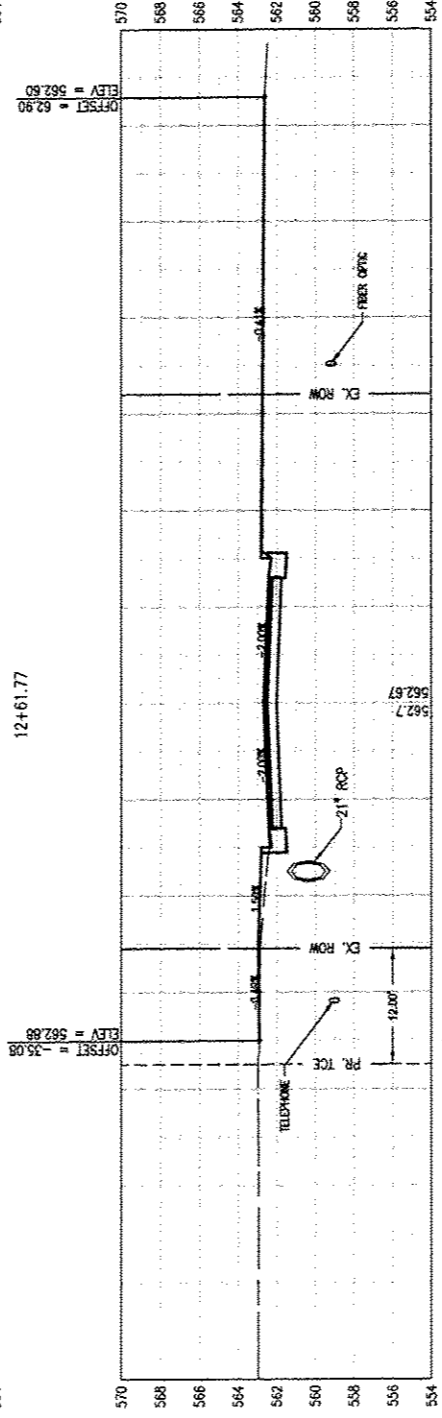
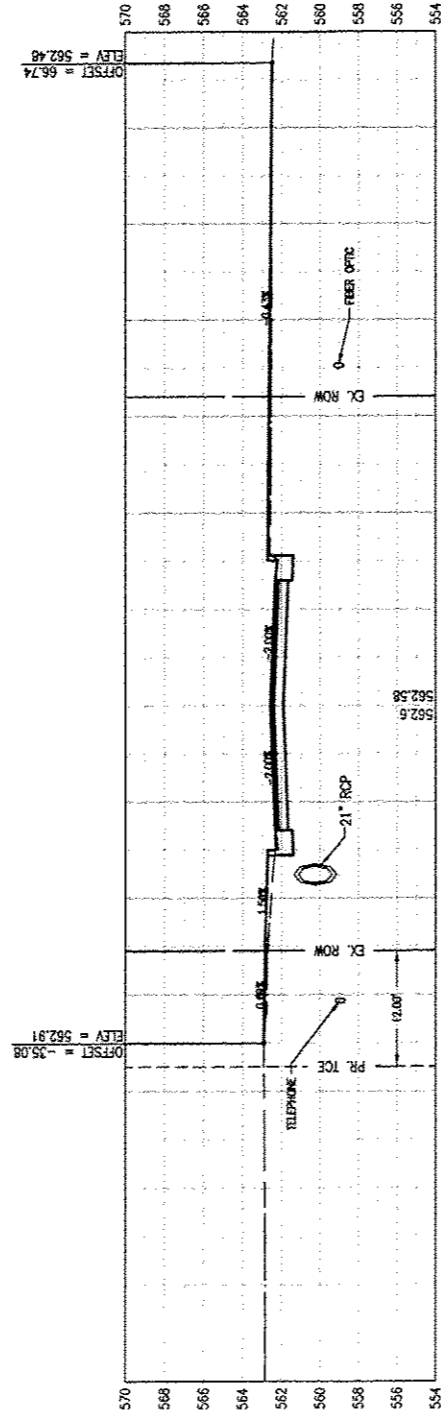
REV	DATE	DESCRIPTION
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DRAWN BY: CDK	SHEET
DESIGNED BY: NTS	25
CHECKED BY: NTS	OF 26 SHEETS
APPROVED BY: NTS	PORTER RD. RECONSTRUCTION
PROJECT NUMBER: T25140517	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

STATION	CUT AREA (SF)	FILL AREA (SF)	CUT VOL. (CY)	FILL VOL. (CY)	CUM. CUT VOL. (CY)	CUM. FILL VOL. (CY)	NET VOL. (CY)
1+22.86	27.80	0.68	0.00	0.00	0.00	0.00	0.00
1+47.86	5.56	9.38	15.45	4.66	15.45	4.66	10.78
1+50.00	4.75	11.39	0.82	5.48	15.85	5.48	10.37
2+00.00	2.77	28.73	6.86	37.15	22.82	42.63	-19.81
2+50.00	4.12	21.56	6.38	46.56	29.20	88.19	-58.99
3+00.00	17.83	15.14	20.32	33.97	49.52	123.16	-73.64
3+50.00	35.94	8.74	49.78	22.10	99.30	145.26	-45.96
3+74.48	50.88	7.12	39.37	7.19	138.68	152.45	-13.78
4+00.00	32.09	10.16	39.19	8.16	177.87	160.62	17.25
4+50.00	28.34	9.63	55.96	18.32	233.83	176.94	54.89
5+00.00	26.06	8.99	50.37	17.24	284.20	193.17	88.02
5+50.00	27.17	8.77	49.29	16.45	333.49	212.62	120.87
6+00.00	30.08	8.52	53.01	16.02	386.49	228.63	157.86
6+50.00	34.70	5.94	59.98	13.40	446.47	242.03	204.44
7+00.00	35.30	5.94	64.82	11.00	511.29	253.03	258.25
7+50.00	37.57	4.75	67.47	9.90	578.76	262.93	315.83
8+00.00	41.11	3.90	72.84	8.01	651.60	270.94	380.67
8+50.00	34.49	4.33	69.99	7.62	721.60	278.56	443.04
9+00.00	32.69	6.30	62.20	9.84	783.79	288.40	495.38
9+14.95	58.28	3.82	25.18	2.80	808.98	291.20	517.78

STATION	CUT AREA (SF)	FILL AREA (SF)	CUT VOL. (CY)	FILL VOL. (CY)	CUM. CUT VOL. (CY)	CUM. FILL VOL. (CY)	NET VOL. (CY)
9+50.00	30.38	8.13	57.55	8.40	866.53	299.60	566.92
10+00.00	27.86	8.84	53.83	16.64	920.45	316.24	604.21
10+12.63	45.45	4.61	17.14	3.15	937.60	319.39	618.21
10+37.23	22.92	10.74	31.15	6.89	968.74	326.38	642.36
10+48.32	34.64	5.58	11.82	3.35	980.56	329.73	650.83
10+50.00	34.40	5.65	2.15	0.35	982.71	330.08	652.63
10+59.51	19.01	10.32	9.40	2.81	992.12	332.89	659.23
11+00.00	12.58	14.45	23.69	16.56	1015.80	351.47	664.34
11+44.06	25.92	10.24	31.41	20.15	1047.21	371.61	675.60
11+50.00	24.14	11.04	5.51	2.34	1052.72	373.95	678.76
12+00.00	5.32	19.87	27.28	28.62	1080.00	402.57	677.42
12+50.00	5.14	4.38	9.69	22.46	1089.68	425.04	664.65
12+51.77	5.04	4.52	0.33	0.29	1090.02	425.33	664.69
12+61.77	26.57	6.35	4.74	2.01	1094.76	427.34	667.42

* NOTE NET VOLUME ON THIS CHART DOES NOT INCLUDE A SHRINKAGE FACTOR



SCALE
 1"=5' VERT.
 1"=10' HORIZ.

LEGEND
 EX. ROW = EXISTING RIGHT OF WAY
 PR. TCE = PROPOSED TEMPORARY CONSTRUCTION EASEMENT

NOTES
 1. ALL STORM SEWER SHOWN IS PROPOSED UNLESS NOTED OTHERWISE.
 2. ALL OTHER UTILITIES SHOWN ARE EXISTING.
 3. ALL PIPES AND LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE.
 4. SEE PAGE 26 FOR CUTS AND FILLS

THOUVENOT,
 WADE &
 MOERCHEN, INC.
 ENGINEERS • SURVEYORS • PLANNERS



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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	164-001220
ILLINOIS PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005203
ILLINOIS PROF. LAND SURVEYING CORP.	048-000028
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000348

Signature: _____
 Signature Date: _____
 Expiration Date: _____
STATEMENT OF RESPONSIBILITY
 I hereby confirm that the document herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE: PORTER RD. CROSS SECTIONS
 14-00061-00-PW
 PROJECT: PORTER RD. RECONSTRUCTION
 CITY OF FALLON
 ST. CLAIR COUNTY
 ILLINOIS

REV	DATE	DESCRIPTION

DRAWN BY: CDK
 DESIGNED BY: NTS
 CHECKED BY: NTS
 APPROVED BY: NTS
 PROJECT NUMBER: T25140517
 SHEET: 26
 OF 26 SHEETS
 ISSUED FOR REVIEW
 ISSUED FOR BIDDING
 ISSUED FOR CONSTR.
 RECORD DRAWING