

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS

ALONG JACKSON & ENGLISH STREETS
SECTION 12-00348-01-BT

PROJECT NO: WWSG(455)
JOB NO: C-95-317-17
FUNDING: MFT, STU & LOCAL



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DESIGN DESIGNATION:
 JACKSON STREET: MAJOR COLLECTOR (URBAN)
 ENGLISH STREET: EAST LEG LOCAL ROAD
 WEST LEG MAJOR COLLECTOR (URBAN)

TRAFFIC DATA 2035 ADT

JACKSON STREET: 5000 VPD
 ENGLISH STREET: 3550 VPD

DESIGN SPEED

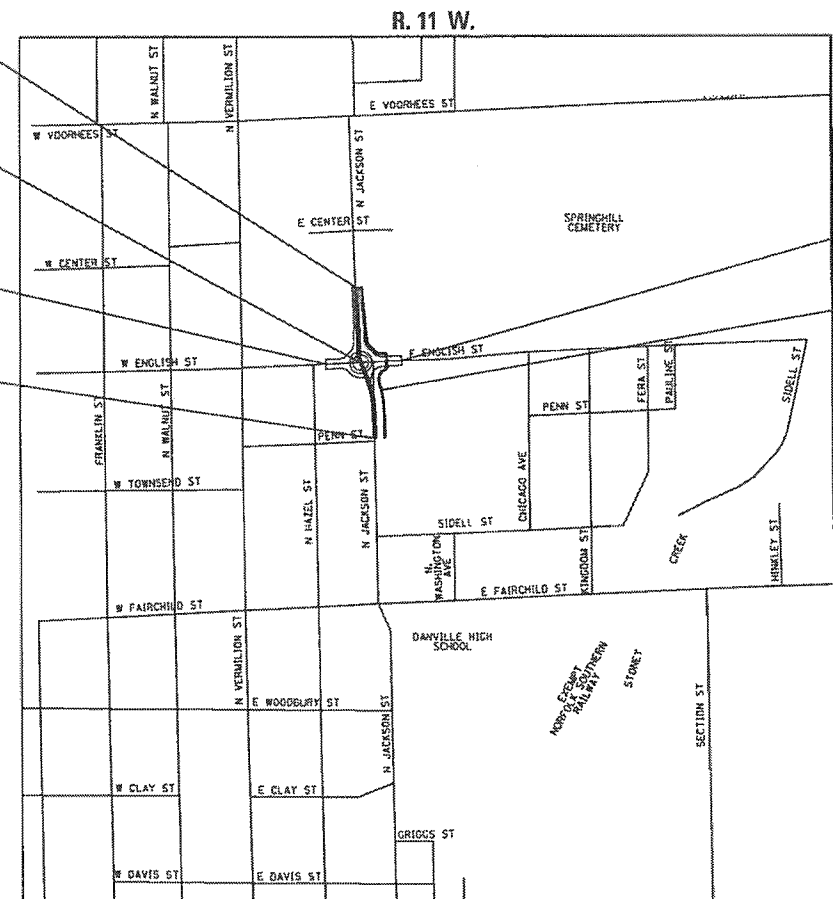
JACKSON STREET: 30 MPH
 ENGLISH STREET: 30 MPH
 ROUNDABOUT: 15 MPH

END PROJECT
STA. 66+20.21 JACKSON STREET
STA. 717+07.20 SUP

ROUNDABOUT CONSTRUCTION
STA. 62+99.91 JACKSON STREET=
STA. 1002+51.59 ENGLISH STREET

BEGIN PROJECT
STA. 1001+03.96 ENGLISH STREET

BEGIN PROJECT
STA. 59+26.83 JACKSON STREET
STA. 710+26.22 SUP



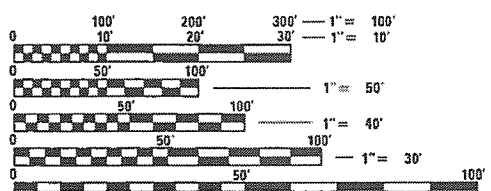
END PROJECT
STA. 1004+25.09 ENGLISH STREET

PROPOSED
SHARED USE PATH (SUP)

LOCATION MAP

SCALE: 1" = 500'

JACKSON STREET = 693.38' (0.13MI)
 ENGLISH STREET = 321.13' (0.06MI)
 TOTAL LENGTH OF PROJECT = 1014.51' (0.19MI)



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

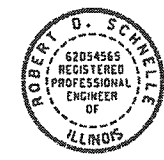
CITY OF DANVILLE

APPROVED NOVEMBER 2017
R. David Schmitt
CITY OF DANVILLE, CITY ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PASSED NOVEMBER 14 2017
B. K. [Signature]
DISTRICT 5 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW November 14, 2017
Bob [Signature]
REGION 3 ENGINEER



R. David Schmitt 11/14/2017
CITY ENGINEER, ILLINOIS PROFESSIONAL NO. 62-054565
LICENSE EXPIRES: 11-30-2017

CONTRACT NO. 91557

DEPARTMENT OF ENGINEERING
 DANVILLE, ILL.
 R. DAVID SCHMITT, CITY ENGINEER
 ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 REVISIONS: [Table with columns for REVISIONS, DATE, NAME]
 J.U.L.I.E.

GENERAL NOTES

- ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE REFERENCED STANDARD SPECIFICATIONS, THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS, AND THE NOTES AND DETAILS CONTAINED IN THESE PLANS.
- SPECIFICATIONS ADOPTED BY REFERENCE IN THESE PLANS REFER TO THE LATEST PUBLISHED REVISION THEREOF.
- ALL MEASUREMENTS ARE IN FEET AND DECIMAL PARTS THEREOF, UNLESS NOTED OTHERWISE.
- ALL ELEVATIONS SHOWN ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (MEAN SEA LEVEL DATUM) AS ESTABLISHED AND PUBLISHED BY THE UNITED STATES NATIONAL GEODETIC SURVEY. COORDINATES ARE BASED UPON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (1986).
- EACH CONTRACTOR OR SUBCONTRACTOR SHALL SECURE ALL REQUIRED INSURANCE COVERAGE PRIOR TO COMMENCING WORK AND PROVIDE EVIDENCE OF SUCH TO OWNER.
- CONTRACTORS' ATTENTION IS CALLED TO CURRENT LOCAL, STATE, AND FEDERAL (OSHA) SAFETY REGULATIONS AND GUIDELINES. CONTRACTORS AND THEIR EMPLOYEES SHALL BE FAMILIAR WITH THESE REGULATIONS AND GUIDELINES AND SHALL STRICTLY ADHERE TO THEM.
- THE CONTRACTOR SHALL NOTIFY CITY ENGINEER (217-431-2384) AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO STARTING OR RESTARTING ANY CONSTRUCTION.
- ALL CONSTRUCTION WORK PERFORMED OR EQUIPMENT AND MATERIALS SUPPLIED WILL BE SUBJECT TO OBSERVATION BY THE ENGINEER OR OWNER'S REPRESENTATIVE. WORK PERFORMED WITHOUT OBSERVATION OF THE ENGINEER OR OWNER'S REPRESENTATIVE MAY BE REJECTED. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER OR OWNER'S REPRESENTATIVE IN ADVANCE OF ALL CONSTRUCTION ACTIVITIES TO ASSURE COMPLIANCE WITH THIS PROVISION.
- IF THE ENGINEER OR THE CITY OF DANVILLE PROVIDES HORIZONTAL CONTROL POINTS, OFFSET STAKES, OR GRADE STAKES FOR CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THOSE CONTROL POINTS, OFFSET AND GRADE STAKES, AND SHALL PAY FOR THE COST OF RESETTING THEM.
- THE CONTRACTOR SHALL COORDINATE ITS ACTIVITIES WITH THE CITY OF DANVILLE TO ACQUIRE ALL PERMITS AND CONTACT ALL AGENCIES INVOLVED FOR FINAL APPROVALS NEEDED BEFORE CONSTRUCTION WORK BEGINS. THE CONTRACTOR SHALL MAINTAIN ALL APPLICABLE EROSION CONTROL MEASURES AS SHOWN AND/OR AS DIRECTED BY THE CITY OF DANVILLE OR THE ENGINEER.

THE CONTRACTOR SHALL STRICTLY ADHERE TO ALL APPLICABLE NPDES PERMIT REQUIREMENTS AND SHALL ASSUME ALL RESPONSIBILITY FOR MAINTAINING TEMPORARY EROSION CONTROL MEASURES AT ALL TIMES.

- THE CONTRACTOR SHALL MAINTAIN IN OPERATING CONDITION ALL UTILITIES ENCOUNTERED IN THIS WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AND COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES CONCERNING ANY MODIFICATIONS TO THEIR SYSTEMS NECESSARY TO PROPERLY ACCOMMODATE THE REQUIREMENTS OF THE PROPOSED IMPROVEMENTS.
- THE CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR ALL INJURIES TO WATER PIPES, ELECTRIC CONDUITS, SANITARY SEWERS, EXISTING DRAINS OR SEWERS, GAS PIPES, POLES CARRYING CURRENT, AND TELEPHONE, CABLE TV OR TELEGRAPH LINES DURING THE EXECUTION OF THE WORK, AND SHALL BE LIABLE FOR DAMAGES TO PUBLIC OR PRIVATE PROPERTY RESULTING THEREFROM WHICH AMOUNT MAY BE DEDUCTED FROM ANY MONIES DUE HIM FOR WORK DONE.
- EXISTING PAVEMENTS NOT SCHEDULED FOR DEMOLITION THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

15. ALL EXISTING FACILITIES AND IMPROVEMENTS OUTSIDE THE CONSTRUCTION LIMITS MUST BE PRESERVED AND PROTECTED OR REMOVED, PROTECTED AND RESET BY THE CONTRACTOR, AT OR NEAR ITS ORIGINAL LOCATION. SUCH PROTECTION WORK SHALL BE INCIDENTAL TO THE CONTRACT WORK.

UTILITY NOTE/CONTACTS

UTILITIES SHOWN ARE AS REPORTED TO THE CITY AND AS INDICATED ON EXISTING UTILITY BASE MAPS AND REFERENCE DATA PROVIDED. NO ATTEMPT HAS BEEN MADE TO EXCAVATE, UNCOVER, OR EXPOSE THESE FACILITIES TO FIELD CHECK THE EXISTENCE, SIZE, DEPTH, CONDITION, CAPACITY OR EXACT LOCATION OF THESE UTILITIES. FOR ADDITIONAL INFORMATION CONTACT:

CITY OF DANVILLE
ENGINEERING DIVISION OF
THE PUBLIC WORKS DEPARTMENT
1155 E. VOORHEES ST., SUITE A
DANVILLE, IL 61832
PHONE: 217-431-2288
FAX: 217-431-3444

WATER:
AQUA ILLINOIS
1300 WEST FAIRCHILD STREET
DANVILLE, IL 61832
PHONE: 217-442-3063
FAX: 217-442-0178

GAS:
AMEREN ILLINOIS
2460 NORTH JASPER STREET
DECATUR, IL 62526
PHONE: 800-755-5000
FAX: 217-425-4151

TELEPHONE:
ATT
320 NORTH WALNUT STREET
DANVILLE, IL 61832
PHONE: 217-443-7830
FAX: 217-443-7883

FIBER OPTIC:
METRO COMMUNICATIONS CO., INC
8 SOUTH WASHINGTON STREET
SUITE 200
SULLIVAN, IL 61951
PHONE: 217-728-2827

SANITARY SEWERS, STORM SEWERS:
CITY OF DANVILLE SEWER DEPARTMENT
1155 E. VOORHEES ST., SUITE A
DANVILLE, IL 61832
PHONE: 217-431-2395
FAX: 217-431-3444

ELECTRIC:
AMEREN ILLINOIS
1112 WEST ANTHONY DRIVE
URBANA, IL 61803-7070
PHONE: 1-800-755-5000
FAX: 217-424-7007

CABLE TELEVISION:
COMCAST
303 FAIRLAWN DRIVE
URBANA, IL 61801
PHONE: 217-213-5002

FIRE DEPARTMENT
DANVILLE FIRE DEPARTMENT
COMCAST
1111 NORTH GRIFFIN STREET
DANVILLE, IL 61832
PHONE: 217-431-2350
FAX: 217-431-2359
EMERGENCY: 911

16. CARE SHALL BE TAKEN WHEN REMOVING CONCRETE OR OTHER STRUCTURES TO PRESERVE AND PROTECT IMPROVEMENTS NOT INDICATED TO BE REMOVED.

17. ALL GRADING SHALL BE DONE IN ACCORDANCE WITH SPOT ELEVATIONS, GRADES AND FLOW ARROWS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.

18. FINISHED SURFACES SHOULD MATCH SURROUNDING GROUND, WITH ALLOWANCE FOR SETTLEMENT, OR AS OTHERWISE DIRECTED BY THE CONTRACT DOCUMENTS.

19. PAYMENT FOR CONSTRUCTION ITEMS SHALL BE MEASURED AND PAID FOR AS INDICATED IN THE STANDARD SPECIFICATIONS, AS SHOWN ON THE SPECIAL PROVISIONS AND TECHNICAL SPECIFICATIONS, AND AS INDICATED ON THE PLANS.

20. THE CONTRACTOR SHALL SUBMIT A PROGRESS SCHEDULE WITHIN 10 DAYS OF THE PRE-CONSTRUCTION MEETING.

21. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND MATERIAL CERTIFICATIONS TO THE ENGINEER OR OWNER'S REPRESENTATIVE.

22. THE CONTRACTOR SHALL NOTIFY THE DANVILLE POLICE AND FIRE DEPARTMENTS, MEDIX AMBULANCE SERVICE, DANVILLE MASS TRANSIT, AND DANVILLE SCHOOL DISTRICT 118 PRIOR TO ANY ROADWAY CLOSURES IF APPLICABLE.

23. PRIOR TO STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE, AND GAS FACILITIES. 48 HOURS NOTIFICATION IS REQUIRED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. THE CONTRACTOR SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION.

24. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

25. GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF THE CONSTRUCTION LIMITS AS POSSIBLE. THE DECISION AS TO WHICH ITEMS SHALL REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR THE ITEM INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

26. IT IS THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE CONTRACT.

27. IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION.

28. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE 4 SAND BAGS PER BARRICADE.

29. ALL UNSUITABLE MATERIAL SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE IDOT STANDARD SPECIFICATIONS. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE PAY ITEMS FOR WHICH IT IS REQUIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

HIGHWAY STANDARDS

NUMBER	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-08	PAVEMENT JOINTS
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-03	MID-BLOCK CURB RAMPS FOR SIDEWALK
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE, TYPE 3
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAIL
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POST FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATION OF TYPES A & B METAL POSTS (FOR SIGN MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
B.L.R. 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

DISTRICT 5 CADD DETAILS

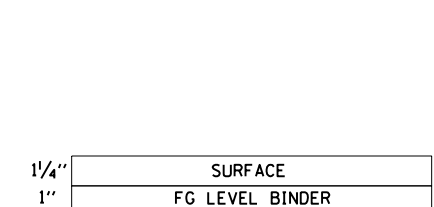
NUMBER	DESCRIPTION
44000080	HOT-MIX ASPHALT SURFACE REMOVING (COLD MILLING)
7800AAAA	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
70200000	TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDEROADS/STREET CLOSURES)
X0325279	PORTLAND CEMENT CONCRETE SIDEWALK STEPS

GENERAL LEGEND

(REFER TO STANDARD 000001-06 FOR ADDITIONAL STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS)

EXISTING SANITARY MANHOLE	
EXISTING STORM MANHOLE	
EXISTING STORM INLET	
PROPOSED STORM INLET/MH	
WATER VALVE	
GAS VALVE	
SITE PLAN KEYNOTE	
STRUCTURE/PIPE KEYNOTE	
EXISTING SPOT ELEVATION	x(609.1)
PROPOSED SPOT ELEVATION	x608.80
TEMPORARY CONSTRUCTION EASEMENT	T.C.E.

MINIMUM MIXTURE REQUIREMENTS		
MIXTURE NUMBER	NO. 1	NO. 2
LOCATION	JACKSON/ENGLISH	JACKSON/ENGLISH
MIXTURE USE	FINE GRADED LEVEL BINDER	SURFACE
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes = 50	4.0% @ Ndes = 50
MIX COMP (GRADATION)	IL 9.5 FG	IL 9.5
FRICTION AGGREGATE	MIX C	MIX C
MIXTURE WEIGHT	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N.A.	N.A.



JACKSON/ENGLISH STREET OVERLAY

JACKSON/ENGLISH STREET
PCC PAVEMENT 7"

FILE LOCATION	DESIGNED - COD	REVISED -	ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS	RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
X:\Projects\City\Current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\GENERAL NOTES, ALIGNMENTS, TIES, English-Jackson.DGN	DRAWN - ENC	REVISED -	NOTES, LEGEND, HIGHWAY STANDARDS	*	12-00348-01-BT	Vermillion	38	02
	CHECKED - ENC	REVISED -	SCALE: N/A		CONTRACT NO. 91557			
	DATE - 12/5/2017	REVISED -						



DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
NOTES, LEGEND, HIGHWAY STANDARDS
SCALE: N/A

RTE. PROJECT NUMBER COUNTY TOTAL SHEETS SHEET NO.
* 12-00348-01-BT Vermillion 38 02
CONTRACT NO. 91557

SUMMARY OF QUANTITIES

SPECIALTY ITEM	ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	192
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	72
	20200100	EARTH EXCAVATION	CU YD	1330
	20800150	TRENCH BACKFILL	CU YD	99
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2306
	21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	345
*	25000110	SEEDING, CLASS 1A	ACRE	0.25
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	38
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	38
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	38
*	25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.1
*	25100125	MULCH, METHOD 3	ACRE	0.25
	28000500	INLET AND PIPE PROTECTION	EACH	6
	35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	2428
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	270
	35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	83
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1051
	40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	65
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	82
	42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	1859
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	45
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8340
	42400800	DETECTABLE WARNINGS	SQ FT	300
	44000100	PAVEMENT REMOVAL	SQ YD	2372
	44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1168
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	84
	44000300	CURB REMOVAL	FOOT	1529
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	37
	44000600	SIDEWALK REMOVAL	SQ FT	6328
	44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	20

FILE LOCATION -
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DESIGNED -
 DRAWN - MDS
 CHECKED - ENC
 DATE - 9/18/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -



DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 SUMMARY OF QUANTITIES I

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-01-BT	Vermilion	38	03
CONTRACT NO. 91557				

SUMMARY OF QUANTITIES

SPECIALTY ITEM	ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY
	550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	173
	550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	123
	56109210	WATER VALVES TO BE ADJUSTED	EACH	5
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	288
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2
	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	4
	60255500	MANHOLES TO BE ADJUSTED	EACH	2
	60500040	REMOVING MANHOLES	EACH	5
	60500060	REMOVING INLETS	EACH	3
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	475
	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	53
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	751
	60604500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (ABUTTING EXISTING PAVEMENT)	FOOT	309
	60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	286
	67100100	MOBILIZATION	LSUM	1
	72000100	SIGN PANEL - TYPE 1	SO FT	170
	72900100	METAL POST - TYPE A	FOOT	295
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	109
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1724
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	120
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	168
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	198
*	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	542

FILE LOCATION: \\pvs\nc\pvs\current\12-00348-01-BT-01-01-ENC-150-JACKSON POLYMERIZATION\CONSTRUCTION\English-Jackson.dwg

DESIGNED -	REVISED -
DRAWN - MDS	REVISED -
CHECKED - ENC	REVISED -
DATE - 9/18/2017	REVISED -



DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
SUMMARY OF QUANTITIES II

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermilion	38	04
CONTRACT NO. 91557				

SUMMARY OF QUANTITIES

SPECIALTY ITEM	ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY
*	A2006820	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4
*	A2007670	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	1
*	B2006316	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6
*	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	4.75
	X0326806	WASHOUT BASIN	LSUM	1
	X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	1100
*	X2520700	SODDING, SPECIAL	SO YD	1674
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	3
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	2057
	X5011100	FOUNDATION REMOVAL	EACH	2
	X5510100	STORM SEWER REMOVAL	FOOT	111
*	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
	X6060714	CONCRETE MEDIAN (SPECIAL)	SO FT	1751
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
*	XX006653	FENCE (SPECIAL)	FOOT	381
*	XX006247	SANITARY SEWER REMOVAL	FOOT	179
	XX007519	WARNING SIREN TO BE RELOCATED	LSUM	1
	XZ127900	RETAINING WALL REMOVAL	FOOT	107
	Z0001110	GAS VALVE TO BE ADJUSTED	EACH	1
	Z0012450	CONCRETE STEPS	CU YD	1
	Z0012455	CONCRETE STEP REMOVAL	EACH	4
*	Z0059600	SANITARY SEWER, TYPE 2 8"	FOOT	45
*	Z0059700	SANITARY SEWER, TYPE 2 10"	FOOT	78

FILE LOCATION: \\sjs\projects\12-00348-01-BT\ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS\English-Jackson.dwg

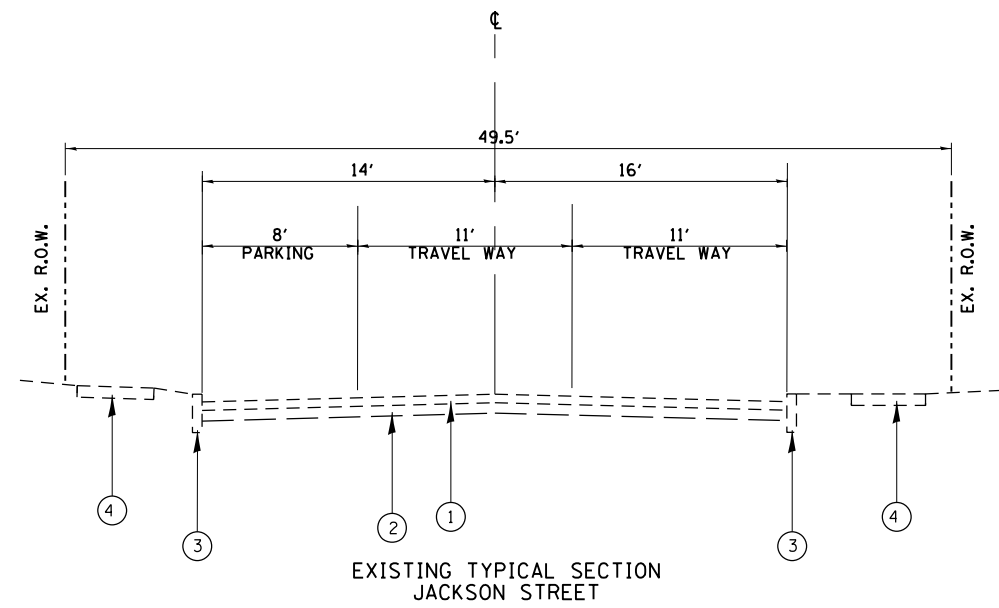
DESIGNED -	REVISED -
DRAWN - MDS	REVISED -
CHECKED - ENC	REVISED -
DATE - 9/18/2017	REVISED -



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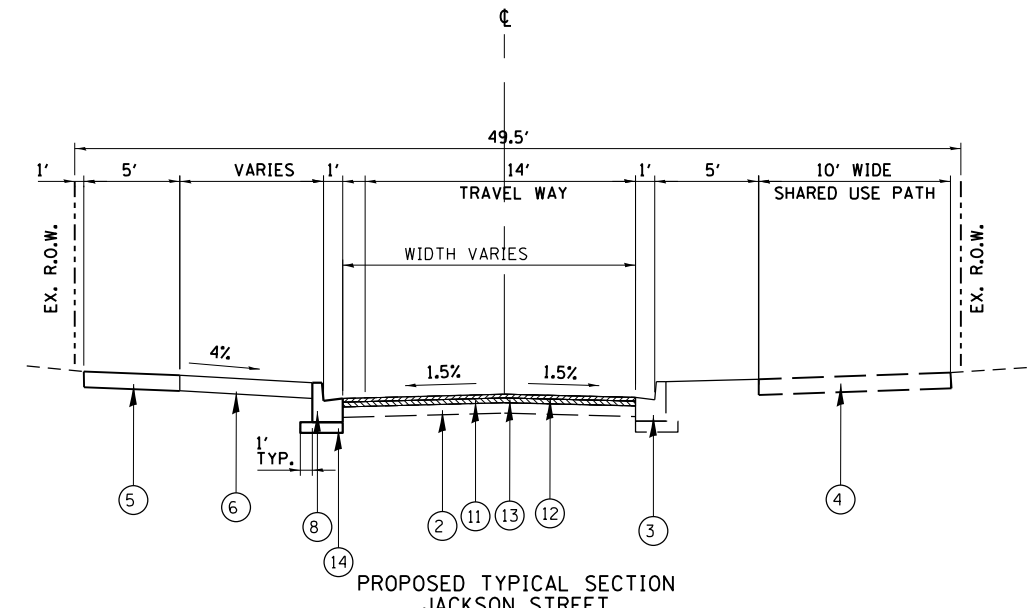
ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
SUMMARY OF QUANTITIES III
SCALE: N/A

RTS.	PROJECT NUMBER	COUNTY	TOTAL SHEET NO.
*	12-00348-01-BT	Vermilion	38 05
CONTRACT NO. 91557			



EXISTING TYPICAL SECTION
JACKSON STREET

STA. 59+84.03 TO STA. 62+78.65

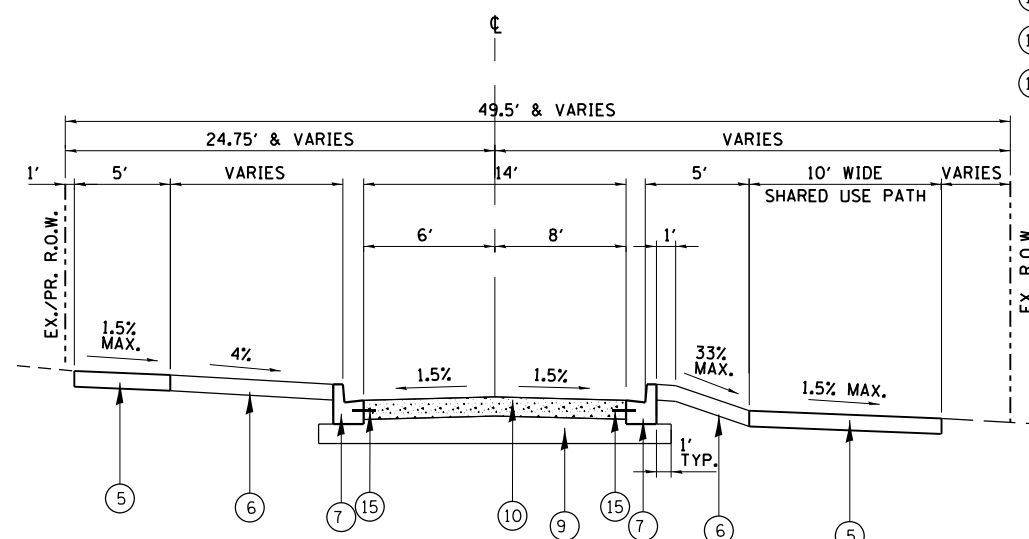


PROPOSED TYPICAL SECTION
JACKSON STREET

STA. 59+26.83 TO STA. 59+94.48

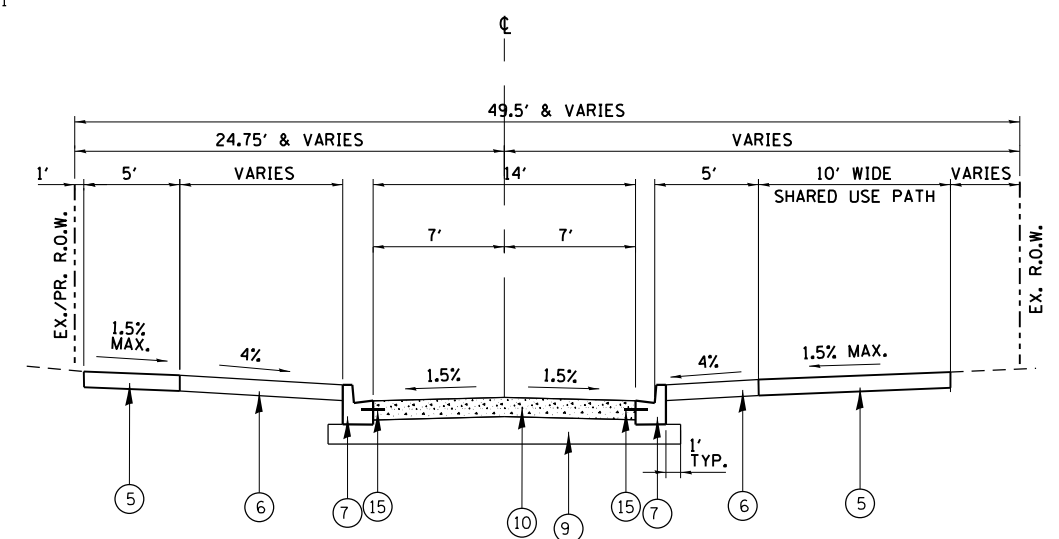
LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT 5"±
- ② EXISTING BRICK BASE
- ③ EXISTING CURB (PCC OR STONE)
- ④ EXISTING SIDEWALK (PCC OR BRICK)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑥ TOPSOIL FURNISH AND PLACE, 4"
- ⑦ COMBINATION CURB AND GUTTER, TYPE B-6.12
- ⑧ COMBINATION CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)
- ⑨ AGGREGATE BASE COURSE, TYPE A, 12"
- ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 7"
- ⑪ HOT MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑫ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/4"
- ⑬ LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50, 1"
- ⑭ AGGREGATE BASE COURSE, TYPE B, 6"
- ⑮ #6 TIE BARS 30" @ 24" O.C.



PROPOSED TYPICAL SECTION
JACKSON STREET

STA. 59+94.48 TO STA. 61+94.75

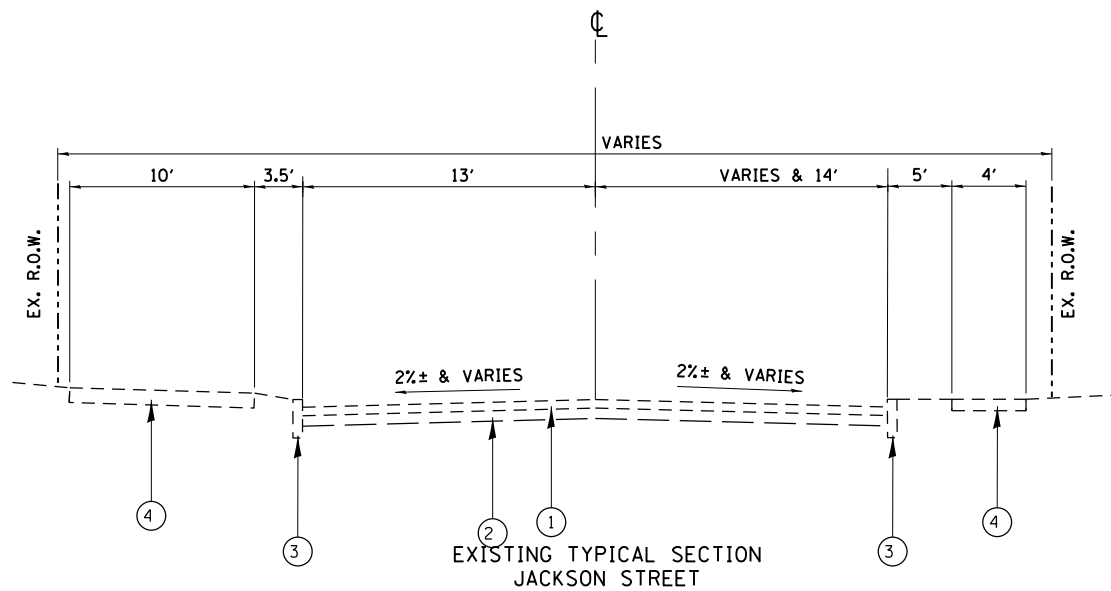


PROPOSED TYPICAL SECTION
JACKSON STREET

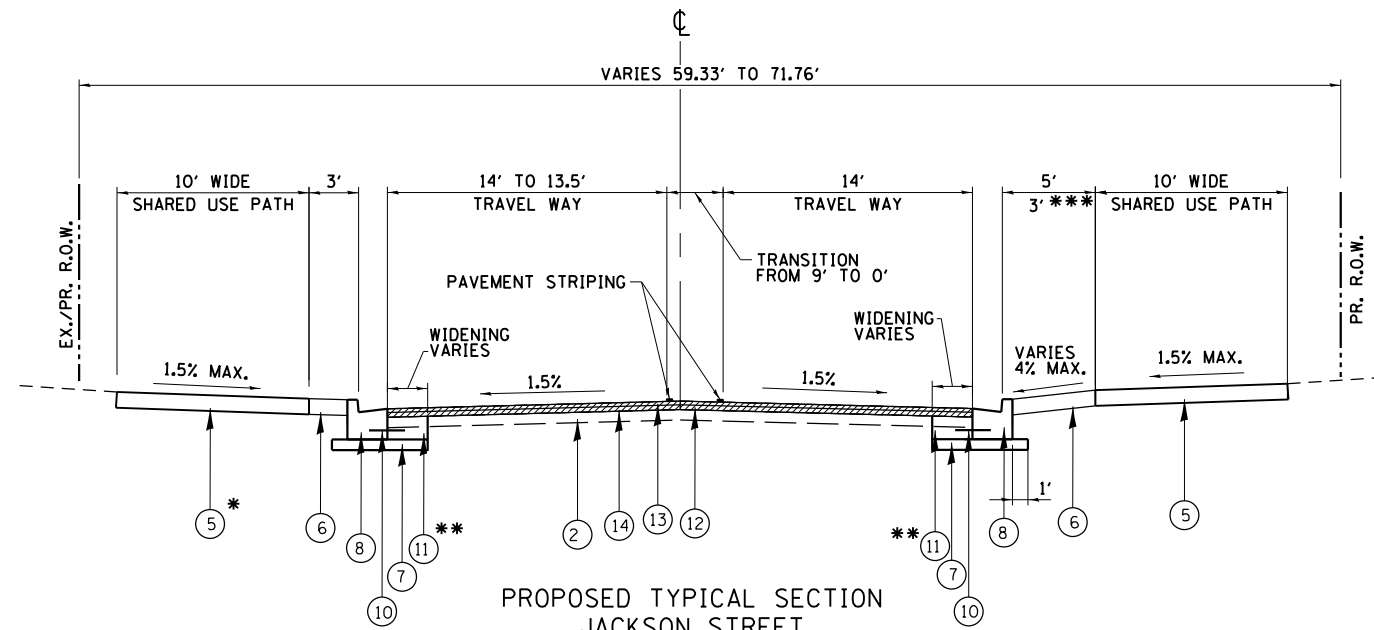
STA. 61+94.75 TO STA. 62+39.76

NOTES

TIED No. 6 BARS PCC CURB & GUTTER



STA. 63+33.34 TO STA. 66+20.21



PROPOSED TYPICAL SECTION
JACKSON STREET
STA. 64+14.12 TO STA. 66+20.21

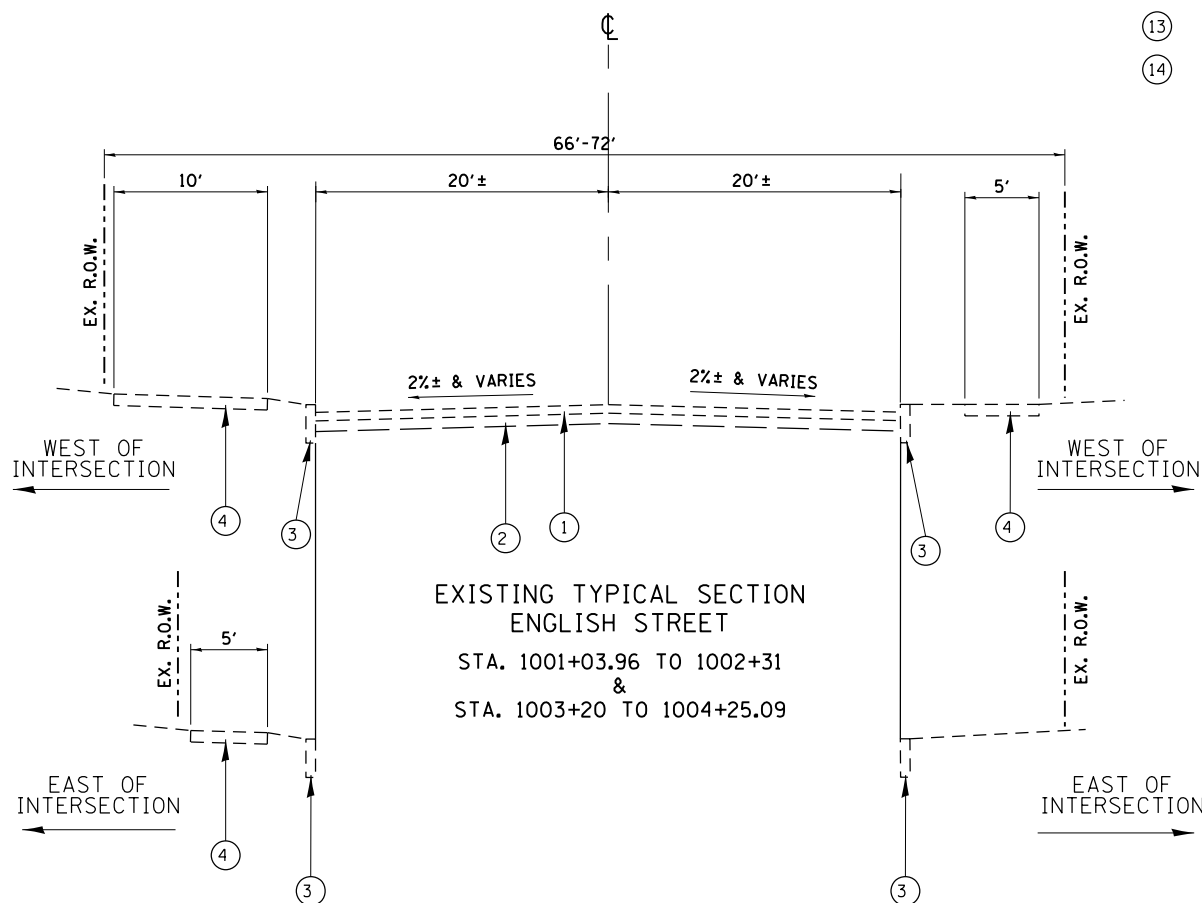
* STA. 64+14.12 TO 64+47.02 PROPOSED
STA. 64+47.02 TO STA. 66+20.21 EXISTING

** WIDENING STA. 64+14.12 TO STA. 64+39.07 WEST
WIDENING STA. 64+14.12 TO STA. 65+83.28 EAST

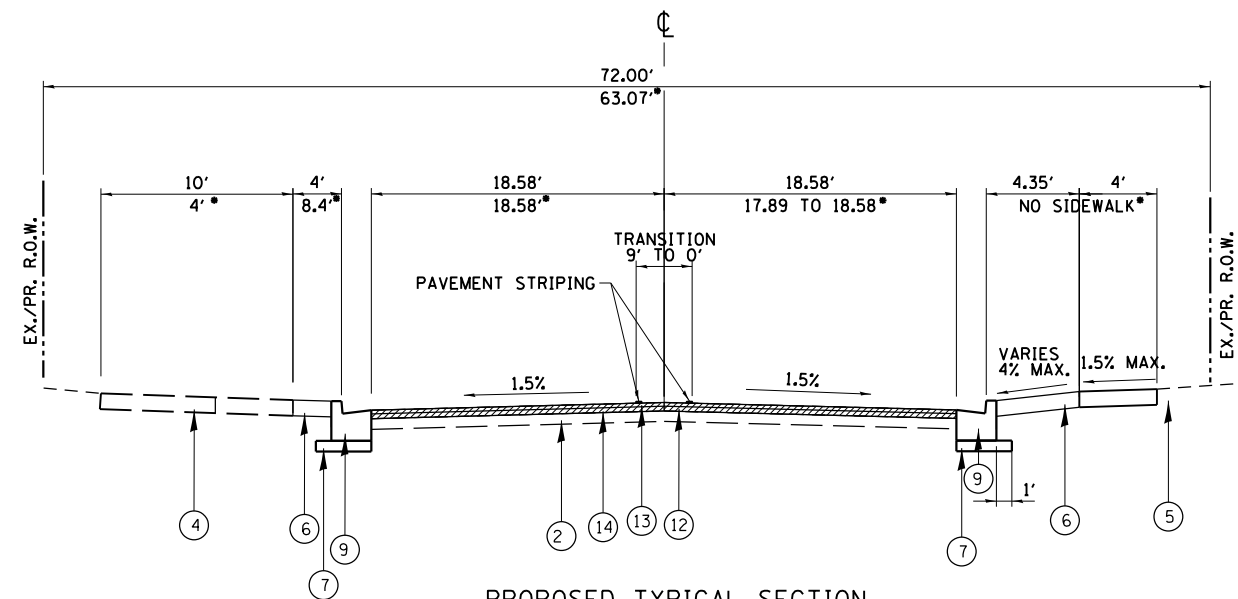
*** STA. 64+14.50 TO STA. 66+20.21

LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT
- ② EXISTING BRICK BASE
- ③ EXISTING STONE CURB
- ④ EXISTING SIDEWALK
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- ⑥ TOP SOIL FURNISH AND PLACE, 4"
- ⑦ AGGREGATE BASE COURSE, TYPE B 6"
- ⑧ COMBINATION CURB AND GUTTER, TYPE B-6.18
- ⑨ COMBINATION CURB AND GUTTER, TYPE B-6.18 (ABUTTING EXISTING PAVEMENT)
- ⑩ #6 TIE BARS 30" @ 24" O.C.
- ⑪ PCC BASE COURSE WIDENING, 8"
- ⑫ HOT MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑬ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/4"
- ⑭ LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50, 1"



EXISTING TYPICAL SECTION
ENGLISH STREET
STA. 1001+03.96 TO 1002+31
&
STA. 1003+20 TO 1004+25.09



PROPOSED TYPICAL SECTION
ENGLISH STREET
STA. 1001+03.96 TO STA. 1001+38.09
&
* STA. 1003+65.09 TO STA. 1004+25.09

FILE LOCATION = \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\TYPICAL SECTIONS\English-Jackson.DGN

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CHECKED - RDS
DATE - 12/5/2017

REVISED -
REVISED -
REVISED -
REVISED -



DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
TYPICAL SECTIONS II

SCALE: NTS

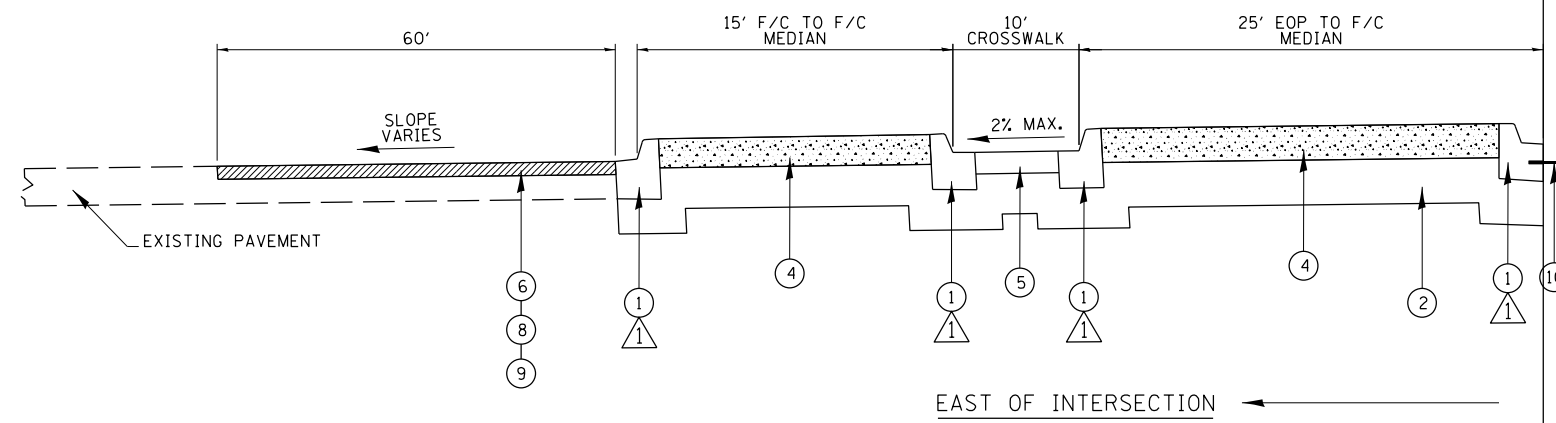
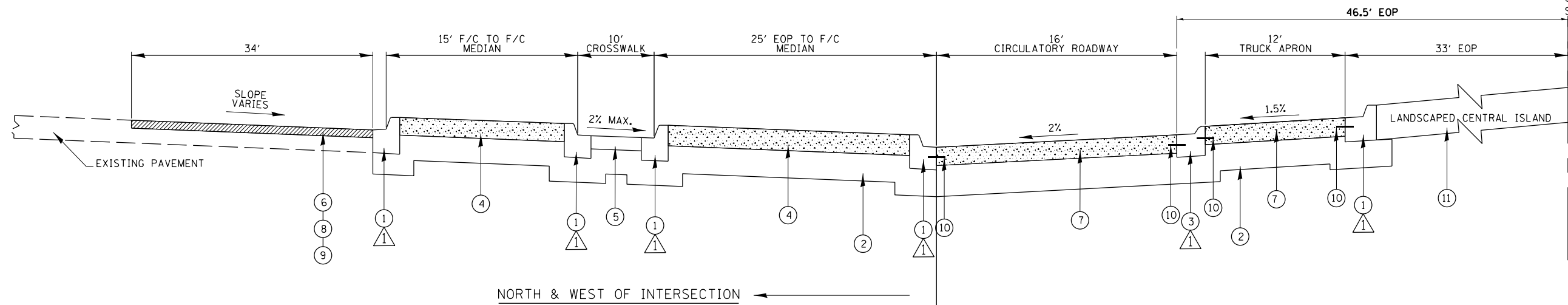
64+14.12 TO 66+20.21 & ENGLISH STREET

ROUTE	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00348-01-BT	Vermillion	38	07
CONTRACT NO. 91557				

LEGEND

- ① COMBINATION CURB AND GUTTER, TYPE B-6.12
- ② AGGREGATE BASE COURSE, TYPE A 12"
- ③ COMBINATION CURB AND GUTTER, TYPE M-2.12
- ④ CONCRETE MEDIAN (SPECIAL)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT 7"
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/4"
- ⑨ LEVELING BINDER (MACHINE METHOD), IL-9.5, N50, 1"
- ⑩ #6 TIE BARS 30" @ 24" O.C.
- ⑪ TOPSOIL FURNISH AND PLACE, 12"

CL - CL
 STA. 62+99.91 (JACKSON ST.) =
 STA. 1002+51.59 (ENGLISH ST.)



NOTES

△ GUTTER FLAG TO BE REVERSED TO DRAIN TOWARDS PAVEMENT

STRUCTURAL DESIGN INFORMATION
 PCC PAVEMENT INTERSECTION (7")

STRUCTURAL DESIGN TRAFFIC: YEAR 2035
 PV = 4500 SU = 450 MU = 50
 ROAD STREET CLASSIFICATION: CLASS II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN LANE:
 P = 90% S = 9% M = 1%
 TRAFFIC FACTOR: ACTUAL TF = 0.90 AC TYPE = N/A
 MINIMAL TF = N/A
 SUBGRADE SUPPORT RATING:
 PG GRADE: BINDER = N/A SURFACE = N/A
 SSR = POOR

PROPOSED INTERSECTION TYPICAL SECTION THROUGH MEDIANS
 ENGLISH-JACKSON STREETS
 NORTH, EAST, & WEST OF INTERSECTION

(NOT TO SCALE)

NOTE:
 FOR SOUTH OF INTERSECTION
 SEE TYPICAL SECTIONS SHEET I

FILE LOCATION = \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\TYPICAL SECTIONS\English-Jackson.DGN

DESIGNED	ENC	REVISED	-
DRAWN	ENC	REVISED	-
CHECKED	RDS	REVISED	-
DATE	12/5/2017	REVISED	-



DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 TYPICAL SECTIONS III

SCALE: NTS ROUNDABOUT

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermillion	38	08
CONTRACT NO. 91557				

SCHEDULE OF QUANTITIES

SEEDING & FERTILIZER SCHEDULE				25000110	X2520700	25000400	25000500	25000600	25000700	25100125
LOCATION				SEEDING, CLASS 1A	SODDING, SPECIAL	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 3
ROAD	STATION	STATION	OFFSET	ACRE	SQ YD	POUND	POUND	POUND	TON	ACRE
JACKSON	59+70.96	62+01.54	LT		194.27	2.41	2.41	2.41	0.080	
JACKSON	59+76.51	61+14.68	LT		30.36	0.38	0.38	0.38	0.013	
JACKSON	59+94.49	61+96.87	RT		90.13	1.12	1.12	1.12	0.037	
JACKSON	59+95.13	62+26.27	RT		207.55	2.57	2.57	2.57	0.086	
JACKSON	61+19.25	62+36.80	LT	0.19		17.21	17.21	17.21	0.382	0.19
JACKSON	62+29.56	62+48.91	RT		25.56	0.32	0.32	0.32	0.011	
JACKSON	62+29.56	63+01.27	LT		117.52	1.46	1.46	1.46	0.049	
JACKSON	62+36.80	63+02.72	LT		25.35	0.31	0.31	0.31	0.010	
JACKSON	62+38.16	62+97.35	LT		156.25	1.94	1.94	1.94	0.065	
JACKSON	62+70.13	63+32.33	CENTER		293.14	3.63	3.63	3.63	0.121	
JACKSON	62+93.99	63+92.77	RT		103.65	1.28	1.28	1.28	0.043	
JACKSON	63+34.78	64+47.01	LT		169.13	2.10	2.10	2.10	0.070	
JACKSON	63+92.77	64+93.02	RT		85.41	1.06	1.06	1.06	0.035	
JACKSON	63+98.70	64+50.46	LT		14.68	0.18	0.18	0.18	0.006	
JACKSON	63+98.71	64+93.71	RT		26.55	0.33	0.33	0.33	0.011	
JACKSON	65+05.36	65+25.02	RT		13.07	0.16	0.16	0.16	0.005	
JACKSON	65+05.70	65+81.05	RT		19.30	0.24	0.24	0.24	0.008	
JACKSON	65+24.29	65+81.28	RT		40.93	0.51	0.51	0.51	0.017	
JACKSON	65+90.60	66+02.89	RT		13.11	0.16	0.16	0.16	0.005	
JACKSON	65+91.04	66+20.43	RT		7.42	0.09	0.09	0.09	0.003	
JACKSON	66+06.90	66+20.90	RT		15.64	0.19	0.19	0.19	0.006	
ENGLISH	1001+03.96	1001+26.60	RT		11.59	0.14	0.14	0.14	0.005	
ENGLISH	1001+03.96	1001+27.12	RT		8.93	0.11	0.11	0.11	0.004	
ENGLISH	1001+43.12	1001+53.51	RT		2.75	0.03	0.03	0.03	0.001	
ENGLISH	1001+47.32	1001+53.51	LT		1.88	0.02	0.02	0.02	0.001	
TOTAL				0.25	1674	38	38	38	1.1	0.25

FENCING SCHEDULE				
LOCATION				XX006653
				FENCE (SPECIAL)
ROAD	STATION	STATION	OFFSET	FOOT
ENGLISH	1001+67.18	1002+26.30	LT	90
ENGLISH	1001+67.67	1002+62.14	RT	117
ENGLISH	1002+72.23	1003+35.70	LT	92
ENGLISH	1002+93.50	1003+35.51	RT	82
TOTAL				381

SIDEWALK SCHEDULE				42400200	X4240430	42400800
LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	DETECTABLE WARNINGS
STREET	STATION	STATION	OFFSET	SQ FT	SQ FT	SQ FT
JACKSON	59+26.69	59+40.21	LT		88	22
JACKSON	59+70.51	59+76.51	LT		36	14
JACKSON	59+76.51	63+01.75	LT	1740		
JACKSON	59+95.22	61+93.52	RT	2034		
JACKSON	61+93.60	62+07.23	RT		186	12
JACKSON	62+00.38	62+08.87	LT		45	12
JACKSON	62+07.12	62+49.05	RT	646		
JACKSON	62+19.39	62+21.64	RT	38		
JACKSON	62+96.55	63+84.55	RT	820		
JACKSON	63+26.84	63+82.12	LT	708		
JACKSON	63+80.21	64+04.11	LT		292	20
JACKSON	63+84.54	64+01.70	RT		234	20
JACKSON	63+88.11	63+98.11	CL		92	40
JACKSON	64+01.71	64+93.70	RT	924		
JACKSON	64+04.11	64+47.02	LT	431		
JACKSON	65+05.70	65+81.05	RT	752		
JACKSON	65+20.78	65+24.13	RT	14		
JACKSON	65+81.05	66+20.43	RT	113		
ENGLISH	1001+03.96	1001+49.25	RT	120		
ENGLISH	1001+47.32	1001+72.81	LT		309	20
ENGLISH	1001+49.29	1001+69.63	RT		160	20
ENGLISH	1001+54.09	1001+64.09	CL		92	40
ENGLISH	1003+30.17	1003+49.67	RT		234	20
ENGLISH	1003+37.05	1003+54.64	LT		199	20
ENGLISH	1003+39.11	1003+49.11	CL		92	40
TOTAL				8340	2057	300

LANDSCAPING ITEMS							
LOCATION				A2006820	A2007670	B2006316	K0012990
				TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED (40' O.C.)	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT (12" O.C.)
ROAD	STATION	STATION	OFFSET	EACH	EACH	EACH	UNIT
JACKSON	59+89.25		13.06 LT	1			
JACKSON	60+14.39		11.79 RT			1	
JACKSON	60+29.49		12.72 LT	1			
JACKSON	60+34.28		11.79 RT			1	
JACKSON	60+54.17		11.79 RT			1	
JACKSON	60+69.75		11.50 LT	1			
JACKSON	61+53.36		28.72 RT			1	
JACKSON	61+71.62		28.08 RT			1	
JACKSON	61+89.89		28.67 RT			1	
JACKSON	62+11.03		42.05 RT	1			
JACKSON	62+90.90	63+14.15					4.750
JACKSON	62+96.52		4.94 RT		1		
TOTAL				4	1	6	4.75

SCHEDULE OF QUANTITIES

PAVEMENT SCHEDULE				35101800	35101100	35400300	40600290	40600627	40603310	42000200
LOCATION				AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE BASE COURSE, TYPE A 12"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PORTLAND CEMENT CONCRETE PAVEMENT 7"
STREET	STATION	STATION	OFFSET	SQ YD	SQ YD	SQ YD	POUND	TON	TON	SQ YD
JACKSON	59+30.37	59+40.78		4.8						
JACKSON	59+30.40	59+84.03					143.6	8.9	11.2	
JACKSON	59+69.90	59+94.48	LT	10.5						
JACKSON	59+84.03	59+94.48					14.6	0.9	1.1	
JACKSON	59+94.48	60+81.85	LT		24.9					
JACKSON	59+94.48	61+22.94	RT		37.0					
JACKSON	59+94.48	62+36.99			374.6					374.6
JACKSON	60+81.85	61+22.78	LT		11.7					
JACKSON	61+22.78	61+75.60	LT		14.8					
JACKSON	61+22.94	61+94.76	RT		21.2					
JACKSON	61+75.60	61+94.76	LT		5.4					
JACKSON	61+94.76	62+26.60	RT		9.4					
JACKSON	61+94.76	62+34.50	LT		11.8					
JACKSON	62+29.34	63+14.72			347.6					347.6
CENTER ISLAND	62+66.92	63+33.36			47.6					
CENTER ISLAND	62+66.92	63+33.36			326.7					326.7
JACKSON	63+14.42	63+62.10			350.8					350.8
JACKSON	63+50.29	63+87.70	LT		14.6					
JACKSON	63+52.92	63+92.32	RT		15.7					
JACKSON	63+62.10	64+14.13	RT		76.9					76.9
JACKSON	63+62.50	64+14.13	LT		76.5					76.5
JACKSON	63+62.51	64+14.12			64.4					
JACKSON	63+87.70	64+14.19	LT		9.1					
JACKSON	63+92.32	64+14.47	RT		7.6					
JACKSON	64+14.11	64+39.07	LT	2.6		2.6				
JACKSON	64+14.11	65+83.27	RT	80.3		80.3				
JACKSON	64+14.13	66+20.21					545.2	33.9	42.4	
JACKSON	64+14.19	64+39.09	LT	8.6						
JACKSON	64+14.47	65+82.28	RT	57.9						
JACKSON	64+39.09	64+50.45	LT	3.9						
JACKSON	64+80.82	65+53.45	LT	24.9						
JACKSON	65+83.28	66+20.29	RT	12.7						
ENGLISH	1001+03.96	1001+38.09	RT	11.7						
ENGLISH	1001+03.96	1001+38.09	LT	11.7						
ENGLISH	1001+03.96	1001+38.09					126.8	7.9	9.9	
ENGLISH	1001+38.09	1001+62.41	RT		8.3					
ENGLISH	1001+38.09	1001+62.41	LT		8.3					
ENGLISH	1001+38.09	1001+89.87			63.8					
ENGLISH	1001+38.09	1001+89.87	LT		76.6					76.6
ENGLISH	1001+38.09	1001+89.87	RT		76.6					76.6
ENGLISH	1001+62.41	1002+00.86	LT		15.2					
ENGLISH	1001+62.41	1002+00.86	RT		15.2					
ENGLISH	1002+00.86	1002+11.11	LT		5.0					
ENGLISH	1002+00.86	1002+74.73	RT		28.2					
ENGLISH	1002+74.73	1002+76.08	RT		0.7					
ENGLISH	1002+89.14	1003+02.32	LT		6.3					
ENGLISH	1002+91.60	1003+44.40	RT		25.8					
ENGLISH	1003+02.32	1003+40.77	LT		15.2					
ENGLISH	1003+13.20	1003+65.09	RT		76.4					76.4
ENGLISH	1003+13.26	1003+65.09			66.3					
ENGLISH	1003+13.31	1003+65.09	LT		76.6					76.6
ENGLISH	1003+40.77	1003+65.09	LT		8.3					
ENGLISH	1003+44.40	1003+65.10	RT		7.1					
ENGLISH	1003+65.09	1004+25.09	RT	20.5						
ENGLISH	1003+65.09	1004+25.09	LT	20.5						
ENGLISH	1003+65.09	1004+25.09					220.9	13.7	17.2	
TOTAL				270	2428	83	1051	65	82	1859

PAVEMENT REMOVAL SCHEDULE					44000100	44000158
LOCATION					PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
STREET	STATION	STATION	OFFSET		SQ YD	SQ YD
JACKSON	59+30.00	59+35.00	LT		0.38	
JACKSON	59+30.40	59+84.03				159.53
JACKSON	59+40.00	59+41.00	LT		0.43	
JACKSON	59+68.90	60+92.07			322.97	
JACKSON	59+84.03	59+94.48				16.25
JACKSON	60+82.56	62+58.71	RT		633.42	
JACKSON	62+58.71	63+42.94	ENGLISH		1126.11	
JACKSON	63+42.94	64+14.12			249.12	
JACKSON	64+14.13	66+20.21				605.81
JACKSON	64+39.08	64+50.52	LT		0.53	
JACKSON	64+80.82	65+53.45	LT		6.32	
JACKSON	65+89.73	66+20.22	RT		2.54	
ENGLISH	1001+03.96	1001+38.09	RT		4.58	
ENGLISH	1001+03.96	1001+38.09	LT		5.47	
ENGLISH	1001+03.96	1001+38.09				140.91
ENGLISH	1003+65.09	1004+25.09	LT		11.36	
ENGLISH	1003+65.09	1004+25.09	RT		8.85	
ENGLISH	1003+65.09	1004+25.09				245.42
TOTAL					2372	1168

REMOVAL SCHEDULE				44000200	44000300	44000500	44000600	XZ127900	Z0012455
LOCATION				DRIVEWAY PAVEMENT REMOVAL	CURB REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	RETAINING WALL REMOVAL	CONCRETE STEP REMOVAL
STREET	STATION	STATION	OFFSET	SQ YD	FEET	FEET	SQ FT	FOOT	EACH
JACKSON	59+26.83	59+40.57	LT		12		49		
JACKSON	59+69.95	60+92.07	LT		126				
JACKSON	59+74.11	62+70.67	LT				1199		
JACKSON	59+94.47	62+46.11	RT				1044		
JACKSON	59+94.49	60+83.23	RT		94				
JACKSON	60+83.23	62+56.71	RT		188				
JACKSON	60+92.07	62+65.30	LT		178				
JACKSON	61+44.10		RT	9					
JACKSON	61+98.24	61+98.24	RT						1
JACKSON	62+26.85		RT	8					
JACKSON	62+95.84	63+82.57	RT				526		
JACKSON	63+18.46	63+43.94	LT			37			
JACKSON	63+24.67	63+91.98	LT				1326		
JACKSON	63+33.26	63+89.38	RT		159				
JACKSON	63+43.98	64+50.45	LT		106				
JACKSON	63+82.57	64+92.60	RT				479		
JACKSON	63+91.98	64+47.12	LT				554		
JACKSON	64+80.82	65+53.45	LT		73				
JACKSON	64+93.25	64+93.75	RT					7	
JACKSON	64+98.75		RT	36					
JACKSON	65+09.93	65+83.47	RT				275		
JACKSON	65+13.26	66+20.29	RT		107				
JACKSON	65+15.50	65+19.50	RT						1
JACKSON	65+83.47	66+20.71	RT				151		
JACKSON	65+85.21		RT	5					
JACKSON	66+03.64	66+07.64	RT				23		1
ENGLISH	1001+03.96	1001+23.38	RT		19				
ENGLISH	1001+03.96	1001+49.25	RT						1
ENGLISH	1001+03.96	1001+49.25	RT				170		
ENGLISH	1001+03.96	1002+08.15	LT		104				
ENGLISH	1001+35.86		RT	10					
ENGLISH	1001+55.85		RT	15					
ENGLISH	1001+61.89	1002+80.91	RT				533		
ENGLISH	1001+63.12	1001+88.00	RT					32	
ENGLISH	1001+68.90	1002+85.19	RT		116				
ENGLISH	1002+11.73	1002+39.28	RT					31	
ENGLISH	1002+64.92	1002+81.71	RT					37	
ENGLISH	1002+83.03	1004+25.09	LT		144				
ENGLISH	1003+21.78	1004+25.09	RT		103				
TOTAL				84	1529	37	6328	107	4



SCHEDULE OF QUANTITIES

SANITARY PIPE SCHEDULE										
LOCATION						Z0059600	Z0059700	59300100		
PIPE	FROM STRUCTURE		TO STRUCTURE		PIPE	SANITARY SEWER, TYPE 2 8"	SANITARY SEWER, TYPE 2 10"	CONTROLLED LOW-STRENGTH MATERIAL		
NUMBER	NUMBER	INV. ELEV.	NUMBER	INV. ELEV.	SLOPE	FOOT	FOOT	CU YD		
P501	501	605.85	500	604.91	1.20%		78	24		
P502	502	606.53	501	605.99	1.20%	45		0		
TOTAL						45	78	24		

SANITARY STRUCTURE SCHEDULE												
STRUCTURE ID	ITEM NUMBER	STRUCTURE TYPE	STATION	OFFSET (FT)	RIM ELEV.	INVERTS						
						PIPE 1 - OUTLET			PIPE 2			
						PIPE ID	INV	DIR	PIPE ID	INV	DIR	
500		CONCRETE COLLAR	62+52.82	62.81	RT	-						
501	X6022810	MAN SAN 4 DIA TIF CL	62+80.90	12.59	LT	611.25	P501	604.91	W	EXIST	604.91	E
502		CONCRETE COLLAR	63+25.75	0.48	LT	-	EXIST	606.53	N	P502	606.53	S

STORM PIPE SCHEDULE										
LOCATION						550B0050	550B0070	59300100	20800150	
PIPE	FROM STRUCTURE		TO STRUCTURE		PIPE	STORM SEWERS, CLASS B, TYPE 1 12"	STORM SEWERS, CLASS B, TYPE 1 15"	CONTROLLED LOW-STRENGTH MATERIAL	TRENCH BACKFILL	
NUMBER	NUMBER	INV. ELEV.	NUMBER	INV. ELEV.	SLOPE	FOOT	FOOT	CU YD	CU YD	
P401	401	602.55	400	600.40	5.37%		40	69	0	
P402	402	607.38	401	603.00	6.20%	71		72	0	
P403	403	609.70	402	609.32	1.03%	37		10	0	
P404	404	601.70	400	600.40	2.72%		48	4	87	
P405	405	602.60	404	601.80	2.25%		36	49	12	
P406	406	607.60	405	607.50	5.00%	1		1	0	
P407	407	604.75	400	603.00	2.74%	64		60	0	
TOTAL						173	123	264	99	

STORM STRUCTURE SCHEDULE																				
STRUCTURE ID	ITEM NUMBER	STRUCTURE TYPE	STATION	OFFSET (FT)	RIM ELEV.	INVERTS														
						PIPE 1 - OUTLET			PIPE 2			PIPE 3			PIPE 4			PIPE 5		
						PIPE ID	INV	DIR	PIPE ID	INV	DIR	PIPE ID	INV	DIR	PIPE ID	INV	DIR	PIPE ID	INV	DIR
400	60223800	MAN TA 6 DIA TIF CL	62+94.89	31.54	RT	611.80	EXIST	597.32	SE	EXIST	597.30	NW	P404	600.40	W					
401	60240220	INLETS TB T3 F&G	63+47.02	50.38	RT	610.89	P401	602.55	SW	P402	603.00	NW								
402	60240220	INLETS TB T3 F&G	64+16.48	22.97	RT	612.08	P402	607.38	SE	P403	609.32	W								
403	60240220	INLETS TB T3 F&G	64+16.73	16.85	LT	612.17	P403	609.70	E											
404	60218400	MAN TA 4 DIA TIF CL	63+13.79	16.69	LT	611.95	P404	601.70	E	EXIST	606.80	W	P405	601.80	NW					
405	60240220	INLETS TB T3 F&G	63+32.71	51.37	LT	610.26	P405	602.60	SE	P406	607.50	SW								
406	60235700	INLETS TA T3 F&G	63+29.91	54.87	LT	610.26	P406	607.60	NE											
407	60235700	INLETS TA T3 F&G	62+35.94	0.02	RT	609.51	P407	604.75	N											

CURB SCHEDULE				60603800	60603900	60604400	60604500	60608300
LOCATION				COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	COMBINATION CURB AND GUTTER TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (ABUTTING EXISTING PAVEMENT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
STREET	STATION	STATION	OFFSET	FOOT	FOOT	FOOT	FOOT	FOOT
JACKSON	59+30.37	59+40.78	LT		16.7			
JACKSON	59+69.90	59+94.48	LT		36.6			
JACKSON	59+94.48	60+81.85	LT	87.0				
JACKSON	59+94.48	61+22.94	RT	129.1				
JACKSON	60+81.85	61+22.78	LT	40.8				
JACKSON	61+22.78	61+75.60	LT	51.6				
JACKSON	61+22.94	61+94.76	RT	74.0				
JACKSON	61+75.60	61+94.76	LT	18.7				
JACKSON	61+94.76	62+34.50	LT	41.3				
JACKSON	61+94.76	62+26.60	RT	32.6				
CENTER ISLAND	62+66.92	63+33.36						285.9
JACKSON	63+50.29	63+87.70	LT			42.7		
JACKSON	63+52.92	63+92.32	RT			46.0		
JACKSON	63+87.70	64+14.19	LT			26.5		
JACKSON	63+92.32	64+14.47	RT			22.2		
JACKSON	64+14.19	64+39.09	LT			25.1		
JACKSON	64+14.47	65+82.28	RT			169.1		
JACKSON	6439.09	6450.45	LT				11.3	
JACKSON	6480.82	6553.45	LT				72.6	
JACKSON	6583.28	6620.29	RT				37.0	
ENGLISH	100103.96	100138.09	RT				34.1	
ENGLISH	100103.96	100138.09	LT				34.1	
ENGLISH	1001+38.09	1001+62.41	RT			24.3		
ENGLISH	1001+38.09	1001+62.41	LT			24.3		
ENGLISH	1001+62.41	1002+00.86	RT			44.4		
ENGLISH	1001+62.41	1002+00.86	LT			44.4		
ENGLISH	1002+00.86	1002+11.11	LT			14.7		
ENGLISH	1002+00.86	1002+74.73	RT			82.3		
ENGLISH	1002+74.73	1002+76.08	RT			2.1		
ENGLISH	1002+89.14	1003+02.32	LT			18.4		
ENGLISH	1002+91.60	1003+44.40	RT			75.4		
ENGLISH	1003+02.32	1003+40.77	LT			44.4		
ENGLISH	1003+40.77	1003+65.09	LT			24.3		
ENGLISH	1003+44.40	1003+65.10	RT			20.7		
ENGLISH	100365.09	100425.09	RT				60.0	
ENGLISH	100365.09	100425.09	LT				60.0	
TOTAL				475	53	751	309	286

FILE LOCATION - \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\500-English-Jackson.DGN

DESIGNED -
DRAWN - MDS
CHECKED - ENC
DATE - 12/5/2017

REVISED -
REVISED -
REVISED -
REVISED -



DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
SCHEDULE OF QUANTITIES III

SCALE: N/A

PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
12-00348-01-BT	Vermillion	38	11
CONTRACT NO. 91557			

SCHEDULE OF QUANTITIES

MANHOLE SCHEDULE			60218400	60223800	60255500	X6022810	60500040
LOCATION			MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES TO BE ADJUSTED	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	REMOVING MANHOLES
ROAD	STATION	OFFSET	EACH	EACH	EACH	EACH	EACH
JACKSON	62+80.90	12.59				1	
JACKSON	62+94.89	31.54 RT					1
JACKSON	62+94.89	31.54 RT		1			
JACKSON	63+13.71	16.69					1
JACKSON	63+13.71	16.69 LT	1				
JACKSON	66+08.32	0.26 RT			1		
ENGLISH	1001+53.76	15.76 LT			1		
ENGLISH	1002+45.06	15.09 LT					1
ENGLISH	1002+45.20	22.87 LT					1
ENGLISH	1003+24.14	24.58 RT					1
TOTAL			1	1	2	1	5

ENTRANCE SCHEDULE						X4021000	42300200
LOCATION						TEMPORARY ACCESS (PRIVATE ENTRANCE)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
STREET	STATION	OFFSET	WIDTH	EACH	SO YD		
JACKSON	64+98.30	RT	12'	1	18		
JACKSON	65+85.21	RT	10'	1	12		
ENGLISH	1001+35.23	RT	16'	1	15		
TOTAL						3	45

PAVEMENT MARKING SCHEDULE							
LOCATION			78000100	78000200	78000400	78000600	78000650
THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS			THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	
ROAD	STATION	STATION/TYPE	SO FT	FOOT	FOOT	FOOT	FOOT
JACKSON	62+00.00	CROSSWALK					18
JACKSON	62+22.00	YIELD	27				
JACKSON	62+37.90	62+46.12			18		
JACKSON	62+70.53	62+89.67			20		
JACKSON	62+87.21	63+09.21			14		
JACKSON	62+90.18	63+32.47			14		
JACKSON	63+10.18	63+18.46			20		
JACKSON	63+54.19	63+61.64			14		
JACKSON	63+62.00	63+62.10			20		
JACKSON	63+63.24	64+14.00		83			
JACKSON	63+65.00	YIELD	27				
JACKSON	63+88.00	CROSSWALK					60
JACKSON	64+14.00	65+82.00		674			
JACKSON	64+14.00	65+83.00				69	
ENGLISH	1000+38.00	1001+38.00		400			
ENGLISH	1000+38.00	1001+38.00				50	
ENGLISH	1001+38.00	1001+88.80		83			
ENGLISH	1001+54.00	CROSSWALK					60
ENGLISH	1001+76.00	YIELD	27				
ENGLISH	1003+14.38	1003+65.00		82			
ENGLISH	1003+15.00	YIELD	27				
ENGLISH	1003+39.00	CROSSWALK					60
ENGLISH	1003+65.00	1004+65.00		400			
ENGLISH	1003+65.00	1004+65.00				50	
TOTAL			109	1724	120	168	198

SIGNING SCHEDULE						
LOCATION			DESCRIPTION		72000100	72900100
					SIGN PANEL - TYPE 1	METAL POST - TYPE A
ROAD	STATION	OFFSET	SIGN LEGEND	CODE	SO FT	FOOT
JACKSON	60+44.18	10.58 RT	ROUNDABOUT	W2-6	6.25	11.0
JACKSON	60+44.18	10.58 RT	SPEED LIMIT	W13-1	2.25	
JACKSON	60+76.73	10.59 LT	NO PARKING	R8-3a	5.00	9.5
JACKSON	60+77.35	11.45 RT	NO PARKING	R8-3a	5.00	9.5
JACKSON	61+91.22	10.64 RT	PED CROSSING	W11-2	6.25	11.5
JACKSON	61+91.22	10.64 RT	ARROW	W16-7P	2.00	
JACKSON	62+24.78	20.27 RT	YIELD	R1-2	2.70	9.1
JACKSON	62+34.66	0.93 RT	YIELD	R1-2	2.70	9.1
JACKSON	62+70.54	8.17RT	ONE WAY	R6-2R	5.00	7.5
JACKSON	63+30.54	4.07 RT	ONE WAY	R6-2R	5.00	7.5
JACKSON	63+67.18	CL	YIELD	R1-2	2.70	9.1
JACKSON	63+72.68	22.33 LT	YIELD	R1-2	2.70	9.1
JACKSON	63+77.77	27.95 RT	PED CROSSING	W11-2	6.25	11.5
JACKSON	63+77.77	27.95 RT	ARROW	W16-7P	2.00	
JACKSON	64+08.45	18.84 LT	PED CROSSING	W11-2	6.25	11.5
JACKSON	64+08.45	18.84 LT	ARROW	W16-7P	2.00	
JACKSON	65+51.25	15.6 LT	ROUNDABOUT	W2-6	6.25	11.0
JACKSON	65+51.25	15.6 LT	SPEED LIMIT	W13-1	2.25	
JACKSON	66+12.02	15.11 LT	NO PARKING	R8-3a	5.00	9.5
JACKSON	66+14.15	15.84 RT	NO PARKING	R8-3a	5.00	9.5
ENGLISH	1000+31.42	22.48 RT	ROUNDABOUT	W2-6	6.25	11.0
ENGLISH	1000+31.42	22.48 RT	SPEED LIMIT	W13-1	2.25	
ENGLISH	1001+12.92	22.37 LT	NO PARKING	R8-3a	5.00	9.5
ENGLISH	1001+50.01	21.71 RT	PED CROSSING	W11-2	6.25	11.5
ENGLISH	1001+50.01	21.71 RT	ARROW	W16-7P	2.00	
ENGLISH	1001+71.05	22.63 LT	PED CROSSING	W11-2	6.25	11.5
ENGLISH	1001+71.05	22.63 LT	ARROW	W16-7P	2.00	
ENGLISH	1001+81.52	27.02 RT	YIELD	R1-2	2.70	9.1
ENGLISH	1001+85.71	5.08 RT	YIELD	R1-2	2.70	9.1
ENGLISH	1002+21.97	CL	ONE WAY	R6-2R	5.00	7.5
ENGLISH	1002+80.84	CL	ONE WAY	R6-2R	5.00	7.5
ENGLISH	1003+17.25	4.64 LT	YIELD	R1-2	2.70	9.1
ENGLISH	1003+20.79	27.20 LT	YIELD	R1-2	2.70	9.1
ENGLISH	1003+33.25	22.79 RT	PED CROSSING	W11-2	6.25	11.5
ENGLISH	1003+33.25	22.79 RT	ARROW	W16-7P	2.00	
ENGLISH	1003+52.64	24.41 LT	PED CROSSING	W11-2	6.25	11.5
ENGLISH	1003+52.64	24.41 LT	ARROW	W16-7P	2.00	
ENGLISH	1004+37.25	22.67 RT	NO PARKING	R8-3a	5.00	10.5
ENGLISH	1004+37.25	22.67 RT	THIS SIDE OF SIGN	R7-202P	1.50	
ENGLISH	1004+85.48	23.02 LTRKING THIS SIDE OF	R7-6-5	5.00	9.5	
ENGLISH	1005+02.60	25.35 LT	ROUNDABOUT	W2-6	6.25	11.0
ENGLISH	1005+02.60	25.35 LT	SPEED LIMIT	W13-1	2.25	
TOTAL					170	295

FILE LOCATION: \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\500-English-Jackson.DGN

DESIGNED -	REVISED -
DRAWN - MDS	REVISED -
CHECKED - ENC	REVISED -
DATE - 12/5/2017	REVISED -



DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

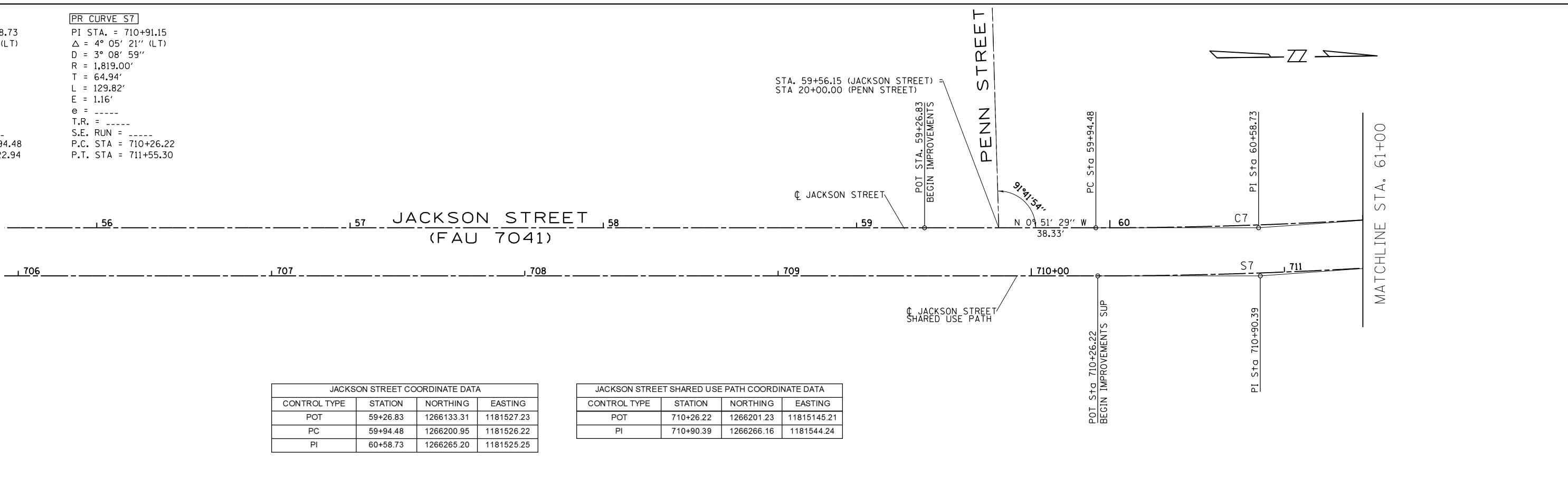
ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
SCHEDULE OF QUANTITIES IV

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermilion	38	12
CONTRACT NO. 91557				

SCALE: N/A

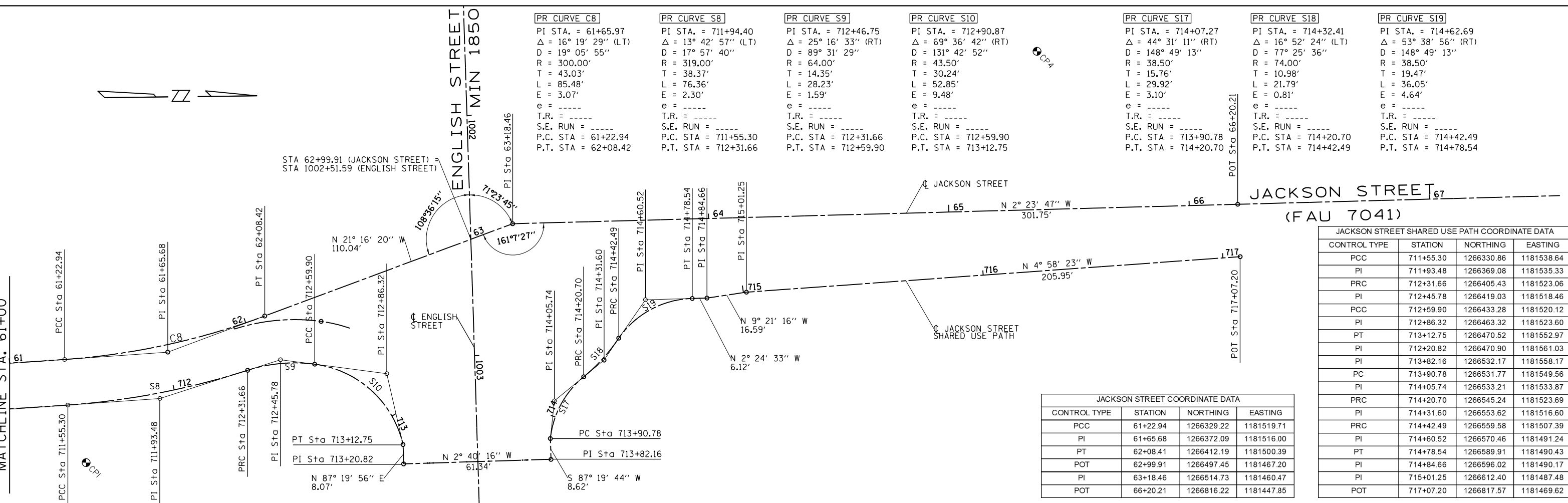
PR CURVE C7
 PI STA. = 60+58.73
 $\Delta = 4^\circ 05' 21''$ (LT)
 $D = 3^\circ 10' 59''$
 $R = 1,800.00'$
 $T = 64.26'$
 $L = 128.46'$
 $E = 1.15'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA = 59+94.48
 P.T. STA = 61+22.94

PR CURVE S7
 PI STA. = 710+91.15
 $\Delta = 4^\circ 05' 21''$ (LT)
 $D = 3^\circ 08' 59''$
 $R = 1,819.00'$
 $T = 64.94'$
 $L = 129.82'$
 $E = 1.16'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA = 710+26.22
 P.T. STA = 711+55.30



JACKSON STREET COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
POT	59+26.83	1266133.31	1181527.23
PC	59+94.48	1266200.95	1181526.22
PI	60+58.73	1266265.20	1181525.25

JACKSON STREET SHARED USE PATH COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
POT	710+26.22	1266201.23	11815145.21
PI	710+90.39	1266266.16	1181544.24



PR CURVE C8
 PI STA. = 61+65.97
 $\Delta = 16^\circ 19' 29''$ (LT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 43.03'$
 $L = 85.48'$
 $E = 3.07'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA = 61+22.94
 P.T. STA = 62+08.42

PR CURVE S8
 PI STA. = 711+94.40
 $\Delta = 13^\circ 42' 57''$ (LT)
 $D = 17^\circ 57' 40''$
 $R = 319.00'$
 $T = 38.37'$
 $L = 76.36'$
 $E = 2.30'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA = 711+55.30
 P.T. STA = 712+31.66

PR CURVE S9
 PI STA. = 712+46.75
 $\Delta = 25^\circ 16' 33''$ (RT)
 $D = 89^\circ 31' 29''$
 $R = 64.00'$
 $T = 14.35'$
 $L = 28.23'$
 $E = 1.59'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA = 712+31.66
 P.T. STA = 712+59.90

PR CURVE S10
 PI STA. = 712+90.87
 $\Delta = 69^\circ 36' 42''$ (RT)
 $D = 131^\circ 42' 52''$
 $R = 43.50'$
 $T = 30.24'$
 $L = 52.85'$
 $E = 9.48'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA = 712+59.90
 P.T. STA = 713+12.75

PR CURVE S17
 PI STA. = 714+07.27
 $\Delta = 44^\circ 31' 11''$ (RT)
 $D = 148^\circ 49' 13''$
 $R = 38.50'$
 $T = 15.76'$
 $L = 29.92'$
 $E = 3.10'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA = 713+90.78
 P.T. STA = 714+20.70

PR CURVE S18
 PI STA. = 714+32.41
 $\Delta = 16^\circ 52' 24''$ (LT)
 $D = 77^\circ 25' 36''$
 $R = 74.00'$
 $T = 10.98'$
 $L = 21.79'$
 $E = 0.81'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA = 714+20.70
 P.T. STA = 714+42.49

PR CURVE S19
 PI STA. = 714+62.69
 $\Delta = 53^\circ 38' 56''$ (RT)
 $D = 148^\circ 49' 13''$
 $R = 38.50'$
 $T = 19.47'$
 $L = 36.05'$
 $E = 4.64'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA = 714+42.49
 P.T. STA = 714+78.54

JACKSON STREET COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
PCC	61+22.94	1266329.22	1181519.71
PI	61+65.68	1266372.09	1181516.00
PT	62+08.41	1266412.19	1181500.39
POT	62+99.91	1266497.45	1181467.20
PI	63+18.46	1266514.73	1181460.47
POT	66+20.21	1266816.22	1181447.85

JACKSON STREET SHARED USE PATH COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
PCC	711+55.30	1266330.86	1181538.64
PI	711+93.48	1266369.08	1181535.33
PRC	712+31.66	1266405.43	1181523.06
PI	712+45.78	1266419.03	1181518.46
PCC	712+59.90	1266433.28	1181520.12
PI	712+86.32	1266463.32	1181523.60
PT	713+12.75	1266470.52	1181552.97
PI	712+20.82	1266470.90	1181561.03
PI	713+82.16	1266532.17	1181558.17
PC	713+90.78	1266531.77	1181549.56
PI	714+05.74	1266533.21	1181533.87
PRC	714+20.70	1266545.24	1181523.69
PI	714+31.60	1266553.62	1181516.60
PRC	714+42.49	1266559.58	1181507.39
PI	714+60.52	1266570.46	1181491.24
PT	714+78.54	1266589.91	1181490.43
PI	714+84.66	1266596.02	1181490.17
PI	715+01.25	1266612.40	1181487.48
POT	717+07.20	1266817.57	1181469.62

FILE LOCATION: \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\GENNOTES_ALIGNMENTS_TIES_English-Jackson.DGN
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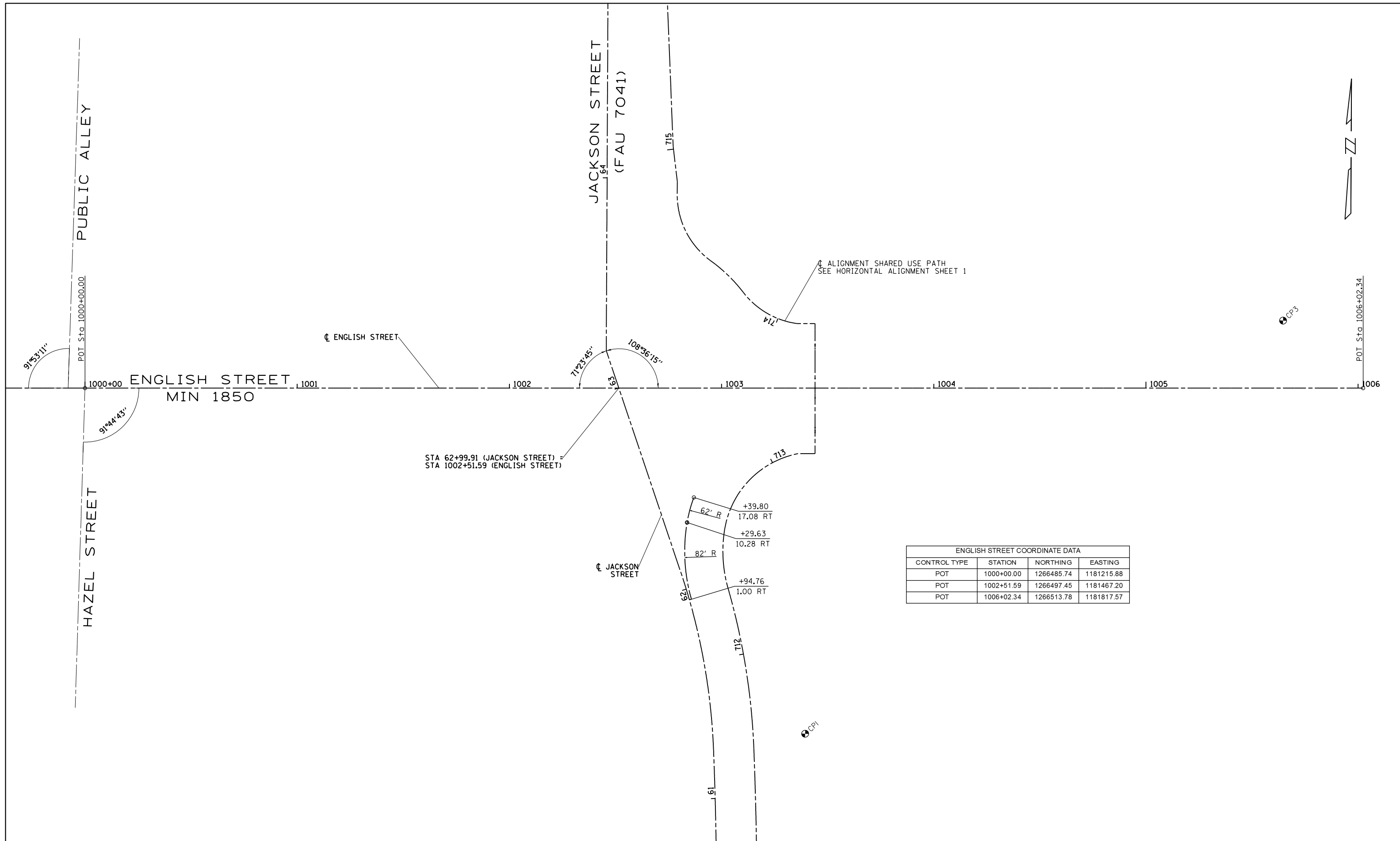
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DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 HORIZONTAL ALIGNMENT I
 SCALE: 1"=20'

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-01-BT	Vermillion	38	13
CONTRACT NO. 91557				



ENGLISH STREET COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
POT	1000+00.00	1266485.74	1181215.88
POT	1002+51.59	1266497.45	1181467.20
POT	1006+02.34	1266513.78	1181817.57

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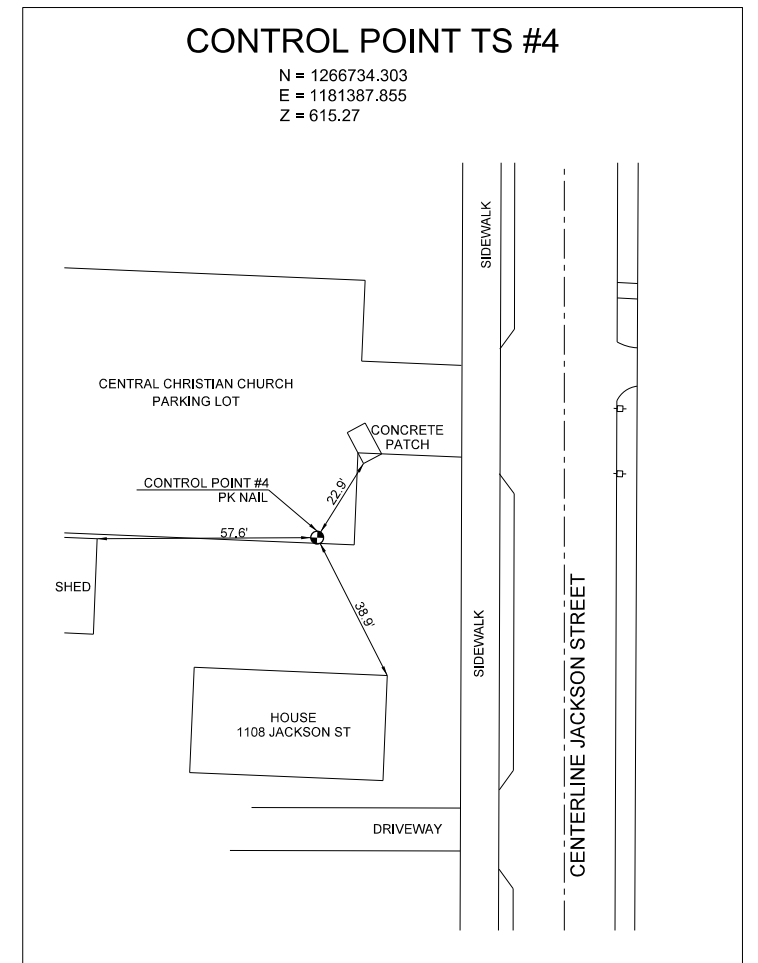
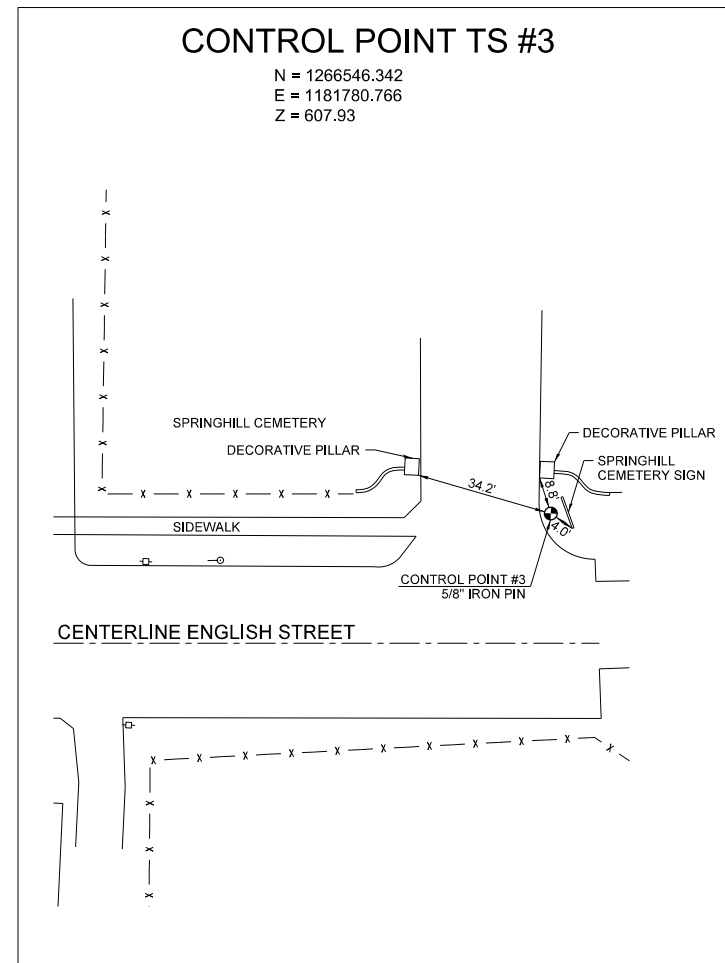
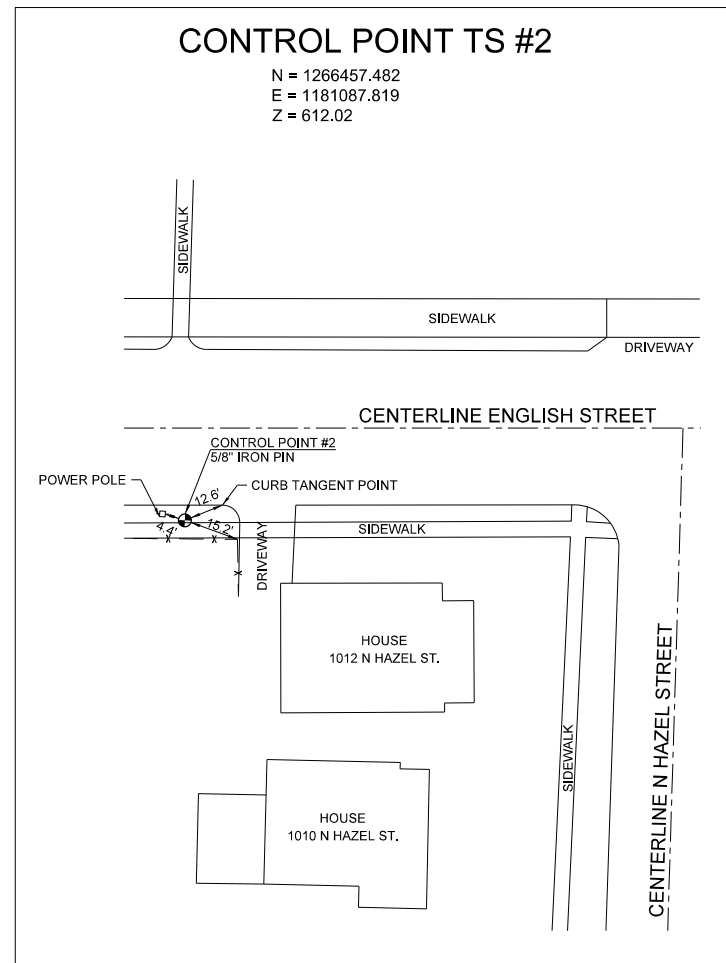
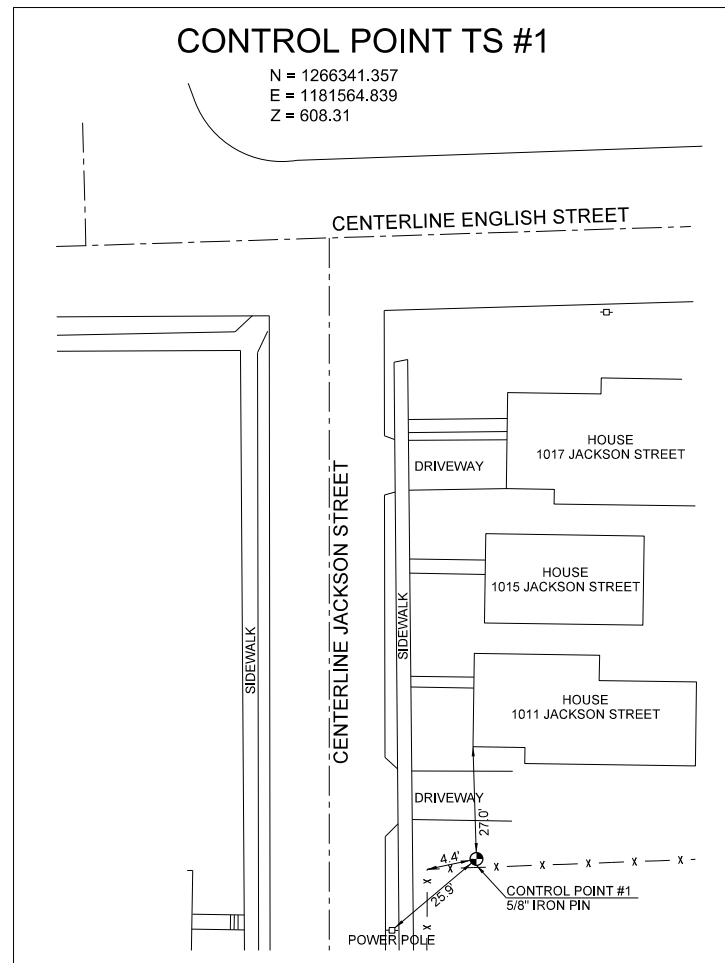
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DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
HORIZONTAL ALIGNMENT II
 SCALE: 1"=20'

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermillion	38	14
CONTRACT NO. 91557				



BENCHMARKS

BM#1
SANITARY MANHOLE ON SOUTH SIDE OF ENGLISH ST ACROSS FROM THE ENTRANCE TO SPRINGHILL CEMETERY.
ELEVATION 607.28

BM#2
FIRE HYDRANT ON NORTHWEST CORNER OF PENN ST AND JACKSON ST.
ELEVATION 609.98

BM#3
FIRE HYDRANT AT NORTH EAST CORNER OF THE INTERSECTION OF ENGLISH ST, HAZEL ST, AND THE PUBLIC ALLEY.
ELEVATION 613.33

BM#4
CHISELED SQUARE IN TOP OF SOUTH-MOST RETAINING WALL FOR YMCA PARKING LOT.
ELEVATION 618.41

BM#5
IRON PIN IN EMPTY LOT FOR 1012 JACKSON STREET IN THE SOUTHWEST QUAD.
ELEVATION 613.15

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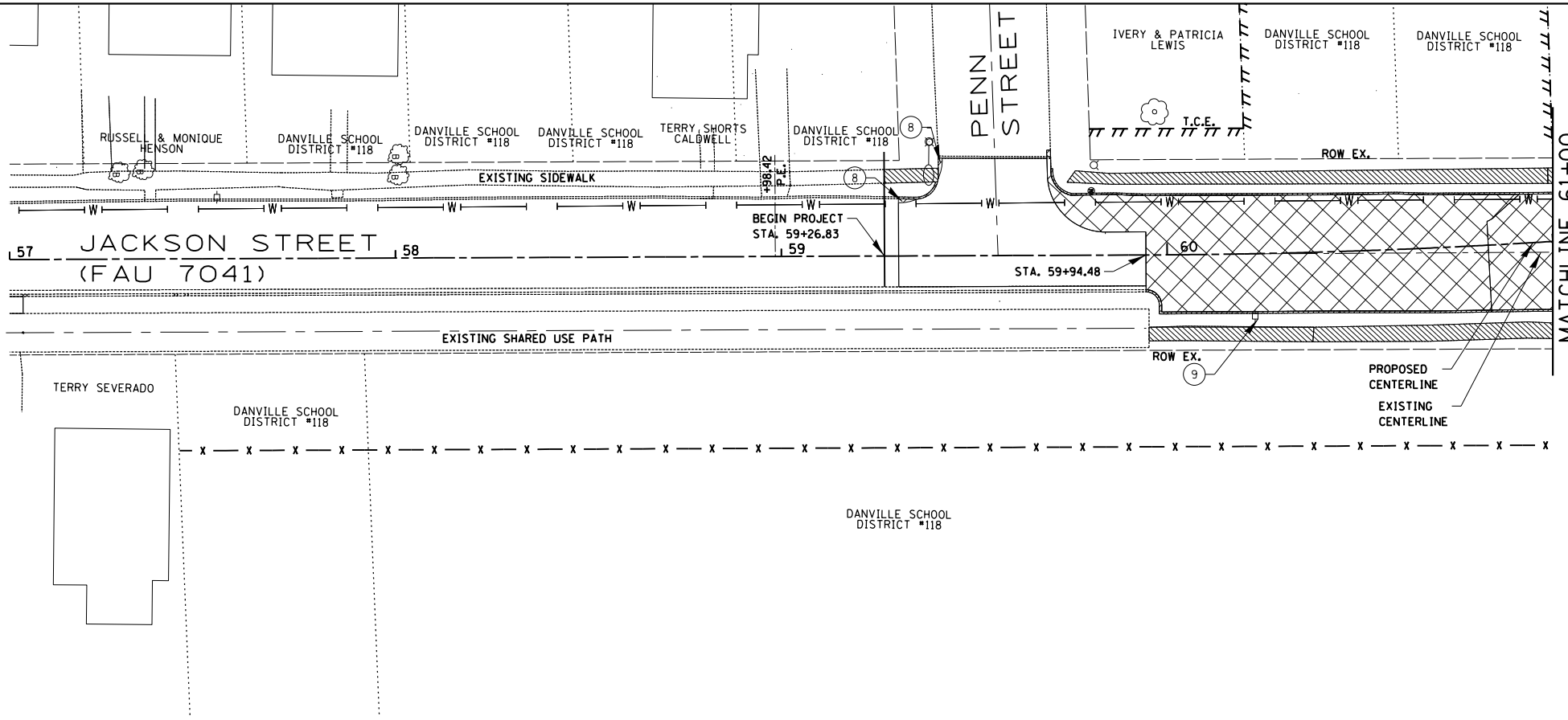


DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
CONTROL POINTS & BENCHMARKS

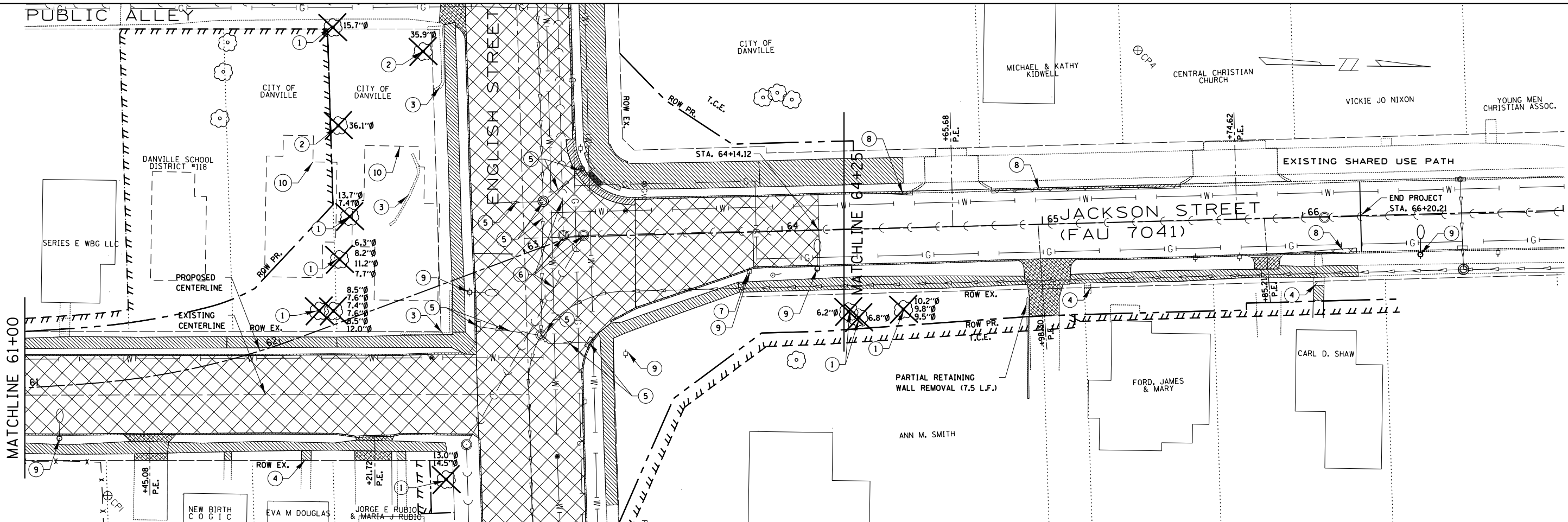
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RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermillion	38	15
CONTRACT NO. 91557				



- ### REMOVALS LEGEND
- SIDEWALK REMOVAL
 - DRIVEWAY REMOVAL
 - FULL DEPTH PAVEMENT REMOVAL
 - PCC C&G AND/OR STONE CURB REMOVAL
- 1 TREE REMOVALS (6 TO 15 UNITS DIAMETER)
 - 2 TREE REMOVALS (OVER 15 UNITS DIAMETER)
 - 3 RETAINING WALL REMOVALS
 - 4 CONCRETE STEP REMOVAL
 - 5 STORM SEWER LINE, MH, OR INLET TO BE REMOVED
 - 6 SANITARY SEWER TO BE REMOVED
 - 7 WARNING SIREN TO BE RELOCATED
 - 8 PAVEMENT REMOVAL
 - 9 ELECTRIC REMOVAL (BY OTHERS)
 - 10 LOCATION OF POTENTIAL EXISTING FOUNDATION IF THEY DO REMAIN PER ARCHIVED AERIAL PHOTOGRAPHY

NOTE: EXISTING AERIAL LINES TO BE REMOVED BY OTHERS



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CHECKED - ENC	REVISED -
DATE - 12/5/2017	REVISED -

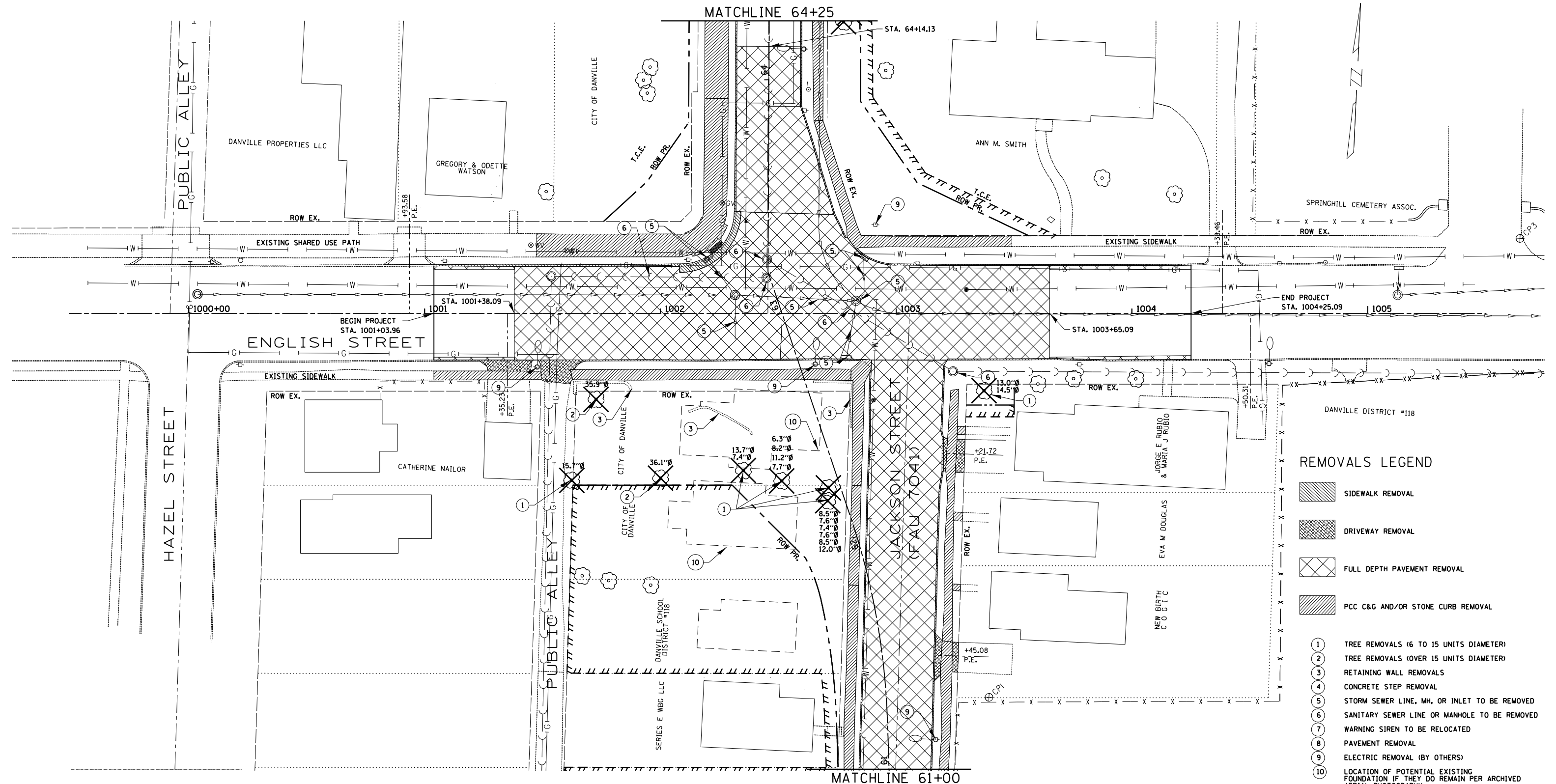


DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER















**ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
REMOVALS I**

ROUTE	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00348-01-BT	Vermillion	38	16
CONTRACT NO. 91557				

SCALE: 1"=20'



REMOVALS LEGEND

-  SIDEWALK REMOVAL
-  DRIVEWAY REMOVAL
-  FULL DEPTH PAVEMENT REMOVAL
-  PCC C&G AND/OR STONE CURB REMOVAL
-  TREE REMOVALS (6 TO 15 UNITS DIAMETER)
-  TREE REMOVALS (OVER 15 UNITS DIAMETER)
-  RETAINING WALL REMOVALS
-  CONCRETE STEP REMOVAL
-  STORM SEWER LINE, MH, OR INLET TO BE REMOVED
-  SANITARY SEWER LINE OR MANHOLE TO BE REMOVED
-  WARNING SIREN TO BE RELOCATED
-  PAVEMENT REMOVAL
-  ELECTRIC REMOVAL (BY OTHERS)
-  LOCATION OF POTENTIAL EXISTING FOUNDATION IF THEY DO REMAIN PER ARCHIVED AERIAL PHOTOGRAPHY

NOTE: EXISTING AERIAL LINES TO BE REMOVED BY OTHERS

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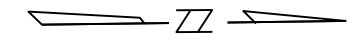


DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

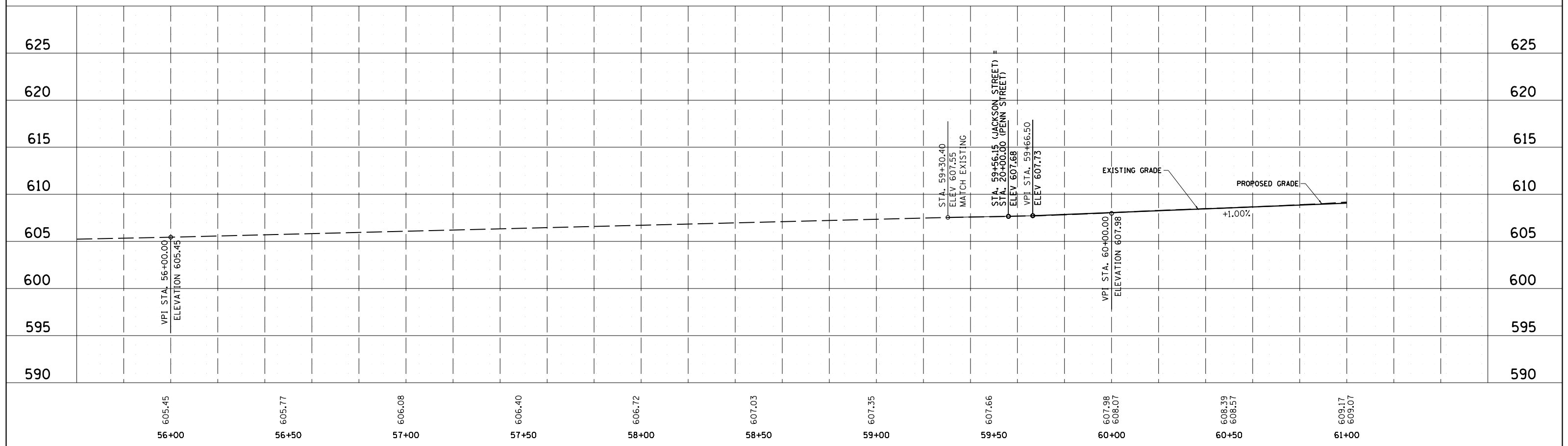
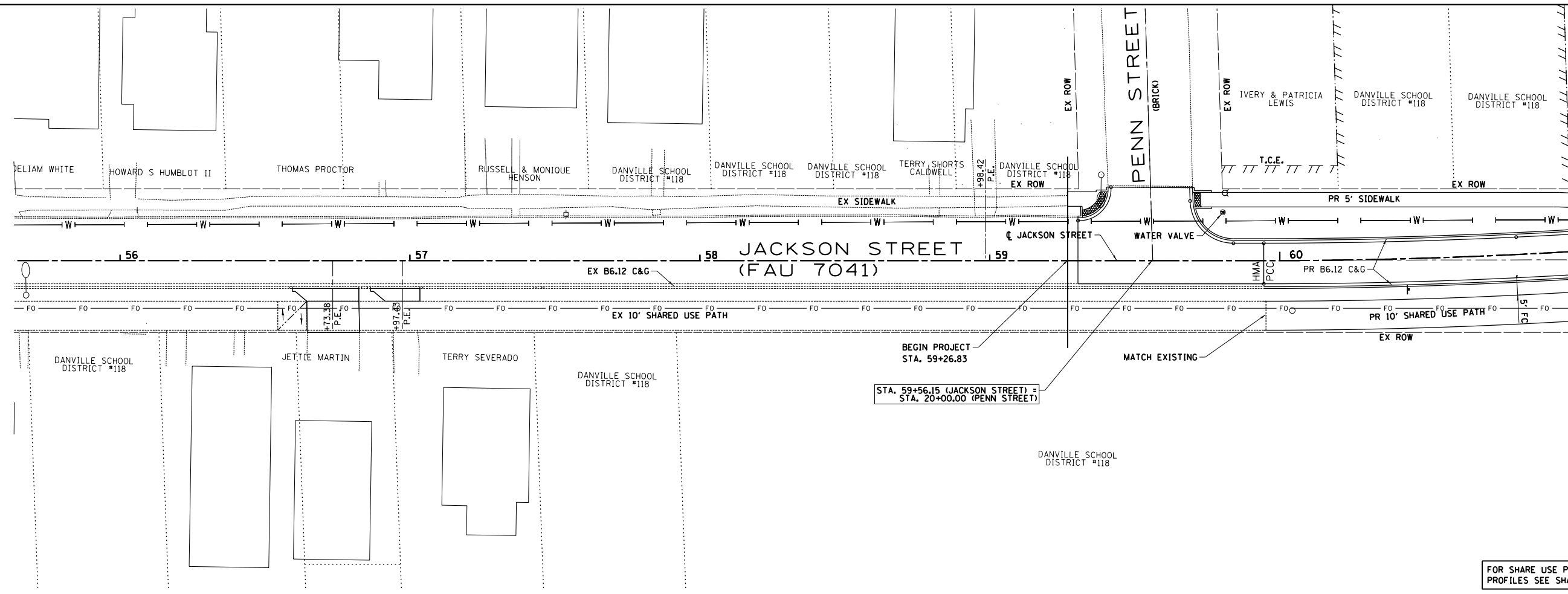
**ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
REMOVALS II**

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermillion	38	17
CONTRACT NO. 91557				

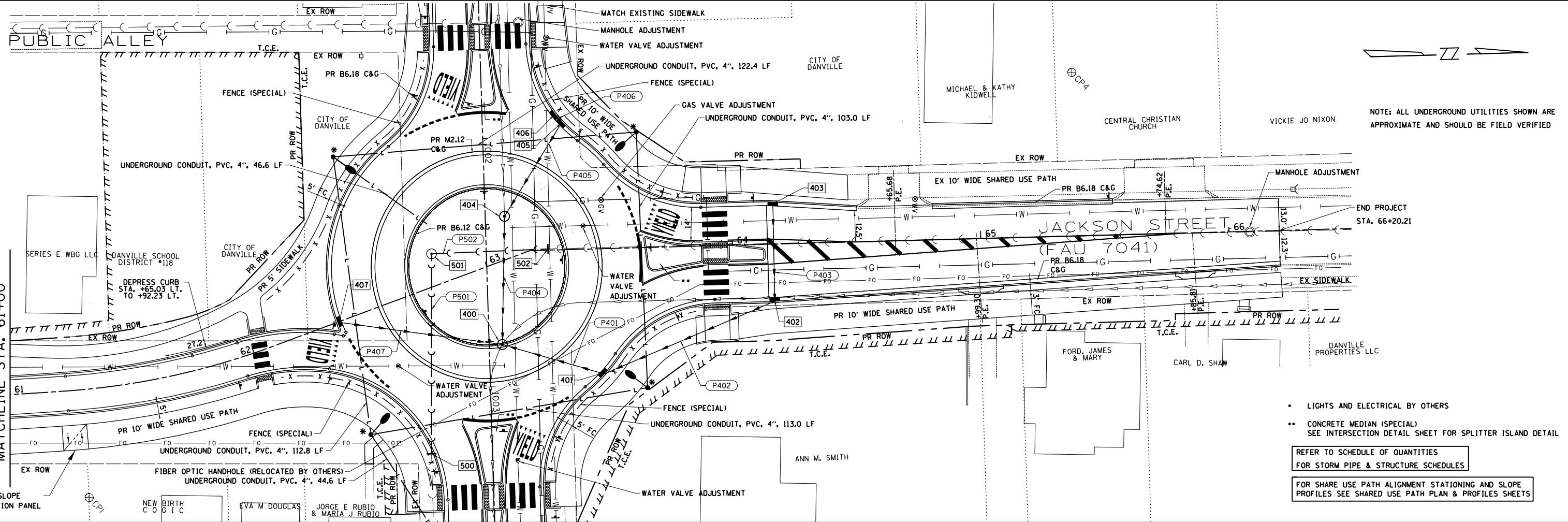
SCALE: 1"=20'



NOTE: ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED

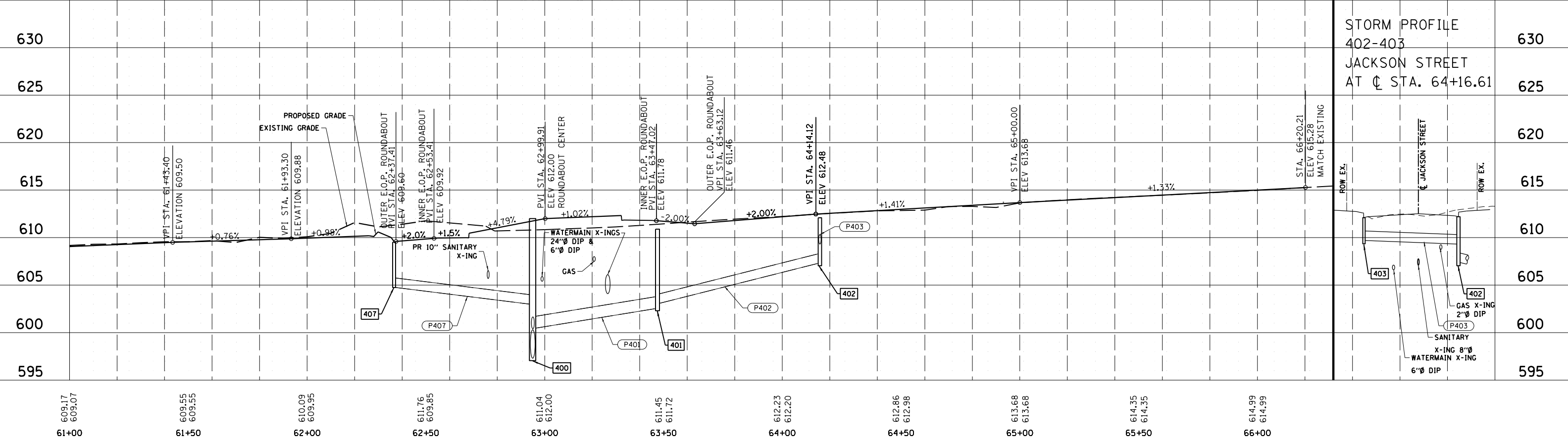


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	DRAWN - MDS	REVISED -				•	12-00348-01-BT	Vermillion	38	18
	CHECKED - ENC	REVISED -				CONTRACT NO. 91557				
	DATE - 12/5/2017	REVISED -				SCALE: 1"=20' 59+26.83 to 61+00.00				



NOTE: ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED

- LIGHTS AND ELECTRICAL BY OTHERS
 - CONCRETE MEDIAN (SPECIAL) SEE INTERSECTION DETAIL SHEET FOR SPLITTER ISLAND DETAIL
- REFER TO SCHEDULE OF QUANTITIES FOR STORM PIPE & STRUCTURE SCHEDULES
- FOR SHARE USE PATH ALIGNMENT STATIONING AND SLOPE PROFILES SEE SHARED USE PATH PLAN & PROFILES SHEETS



630	STORM PROFILE 402-403	630
625	JACKSON STREET AT \varnothing STA. 64+16.61	625
620		620
615		615
610		610
605		605
600		600
595		595

609.17 609.07 61+00	609.55 609.55 61+50	610.09 609.95 62+00	611.76 609.85 62+50	611.04 612.00 63+00	611.45 611.72 63+50	612.23 612.20 64+00	612.86 612.98 64+50	613.68 613.68 65+00	614.35 614.35 65+50	614.99 614.99 66+00
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DATE - 12/5/2017

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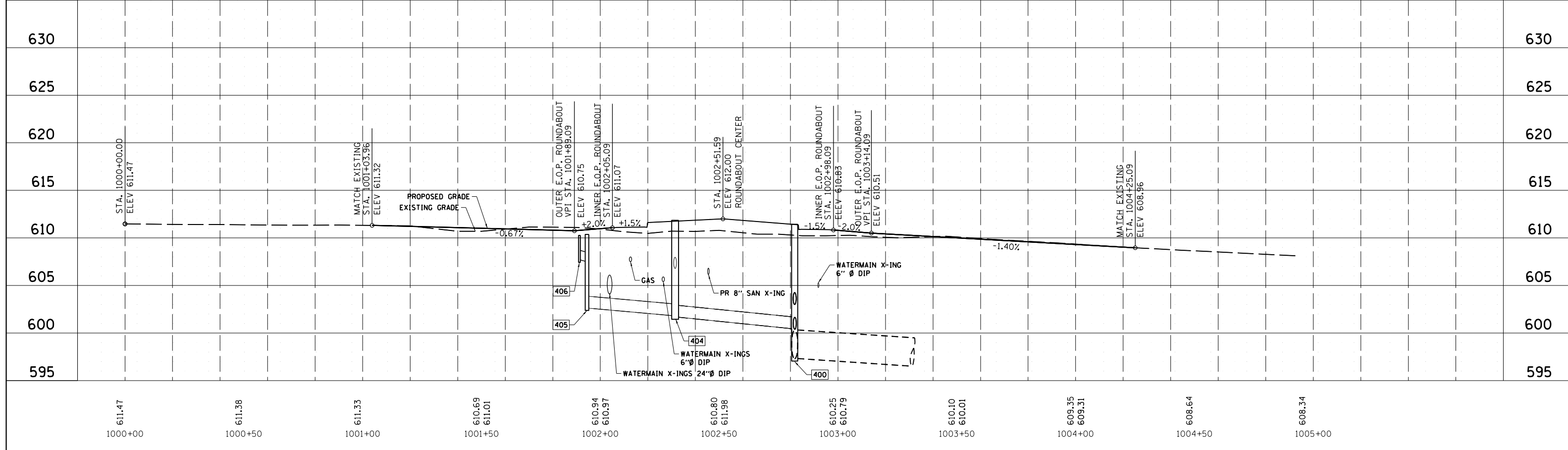
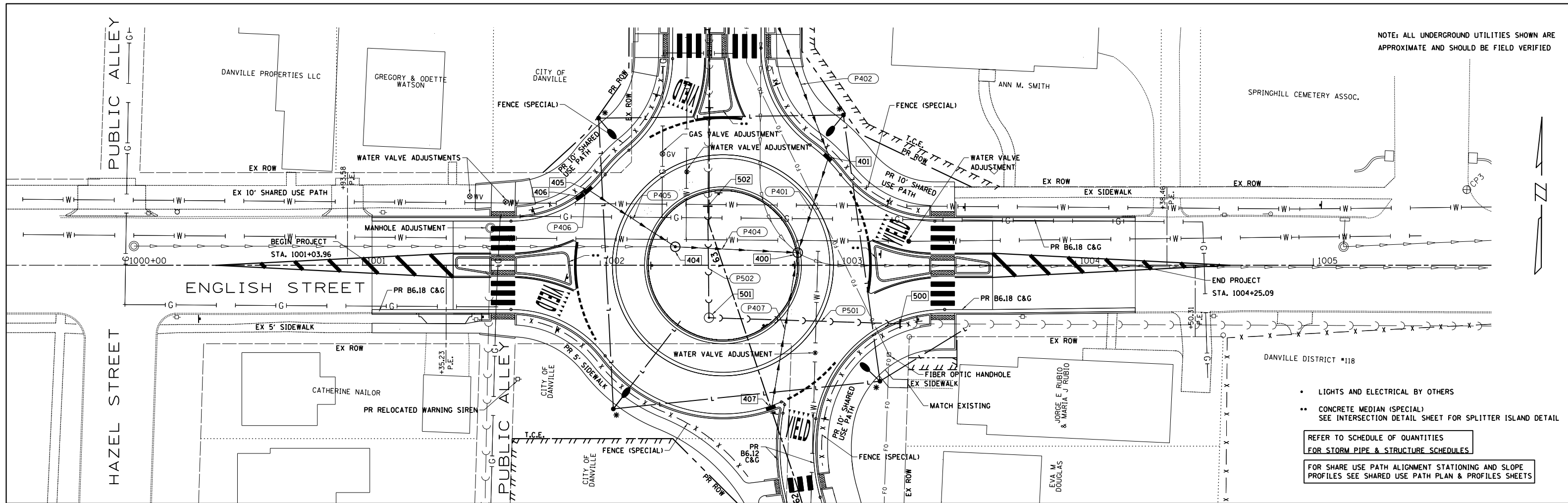


DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
PLAN & PROFILE JACKSON STREET

SCALE: 1"=20' 61+00.00 to 66+20.21

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS NO.
	12-00348-01-BT	Vermillion	38
	CONTRACT NO. 91557		19

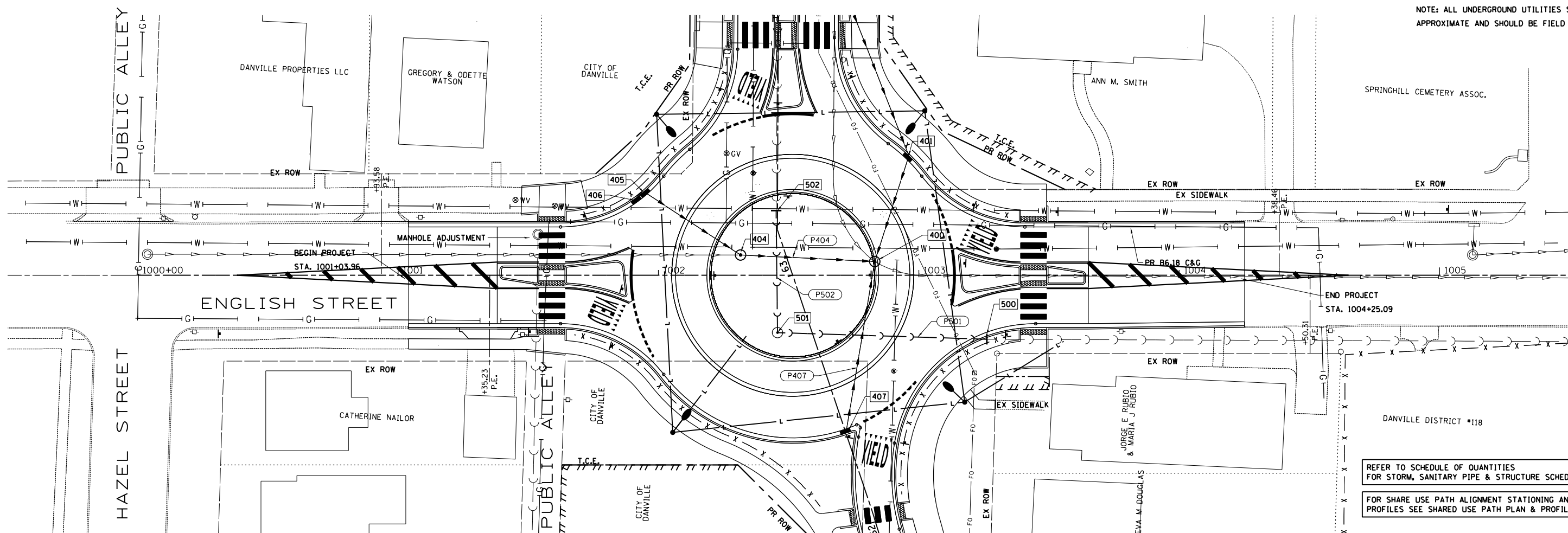


611.47 1000+00	611.38 1000+50	611.33 1001+00	610.69 611.01 1001+50	610.94 610.97 1002+00	610.80 611.98 1002+50	610.25 610.79 1003+00	610.10 610.01 1003+50	609.35 609.31 1004+00	608.64 1004+50	608.34 1005+00
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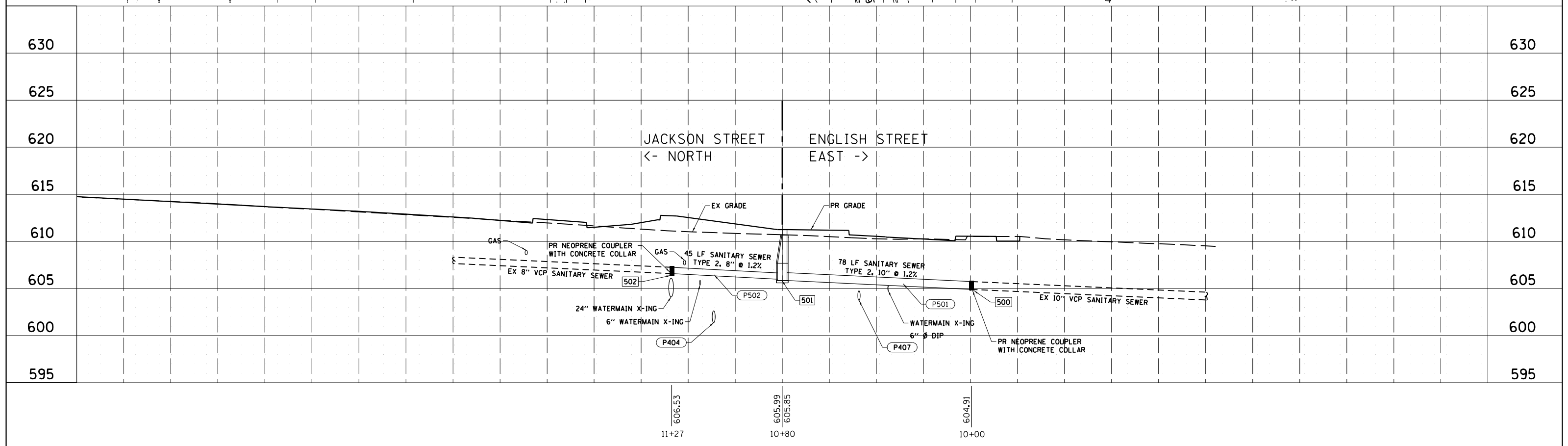
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DRAWN - MDS	REVISED -	•			12-00348-01-BT	Vermillion	38	20	
CHECKED - ENC	REVISED -	CONTRACT NO. 91557							
DATE - 12/5/2017	REVISED -								

SCALE: 1"=20'

NOTE: ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED



REFER TO SCHEDULE OF QUANTITIES FOR STORM, SANITARY PIPE & STRUCTURE SCHEDULES
FOR SHARE USE PATH ALIGNMENT STATIONING AND SLOPE PROFILES SEE SHARED USE PATH PLAN & PROFILES SHEETS



FILE LOCATION:
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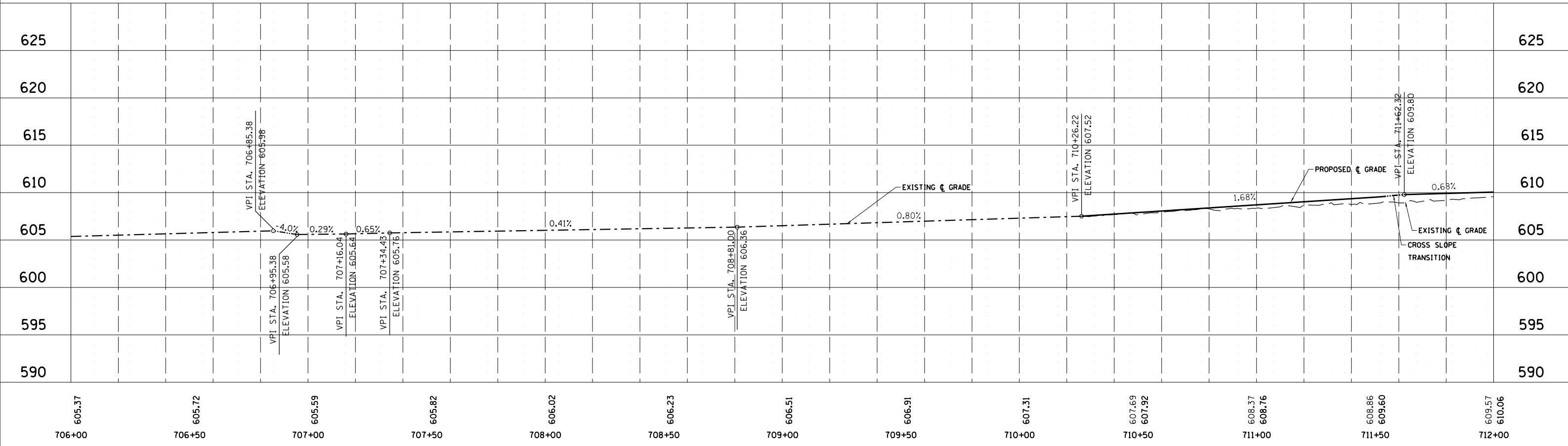
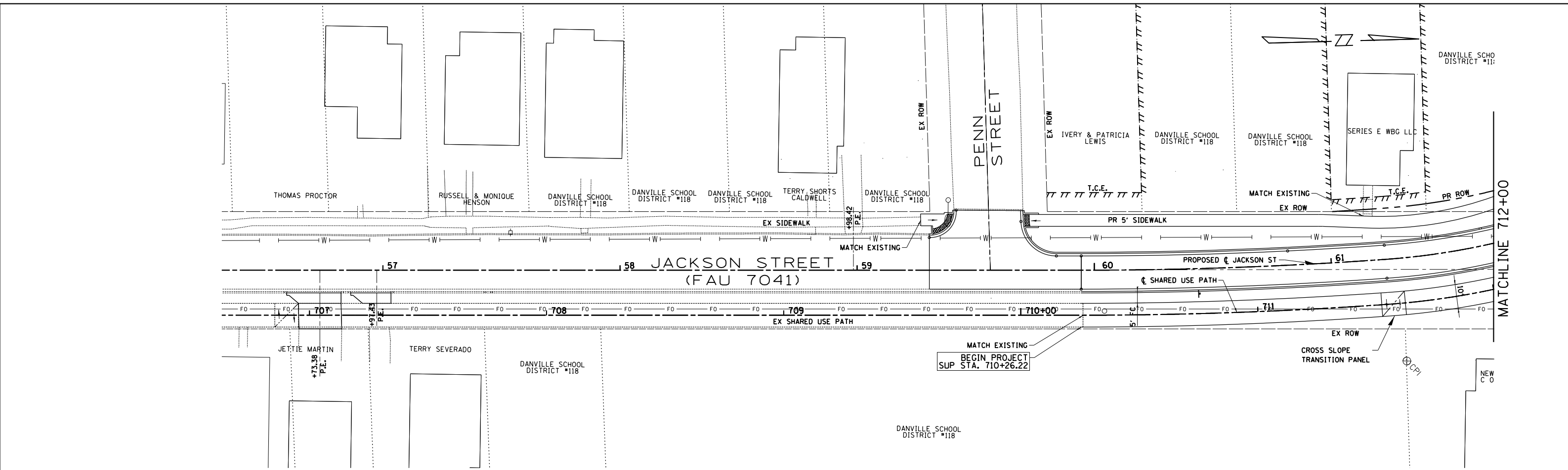


DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
PLAN & PROFILE FOR SANITARY SEWER

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00348-01-BT	Vermillion	38	21
CONTRACT NO. 91557				

SCALE: 1"=20'



FILE LOCATION: \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\PHP_English-Jackson.DGN

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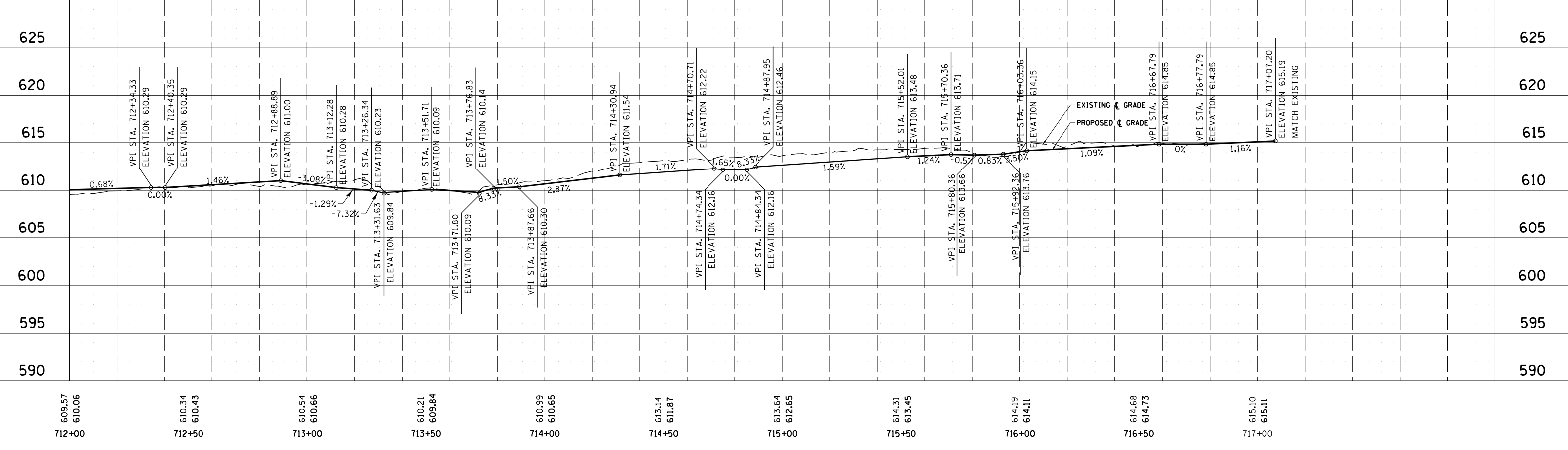
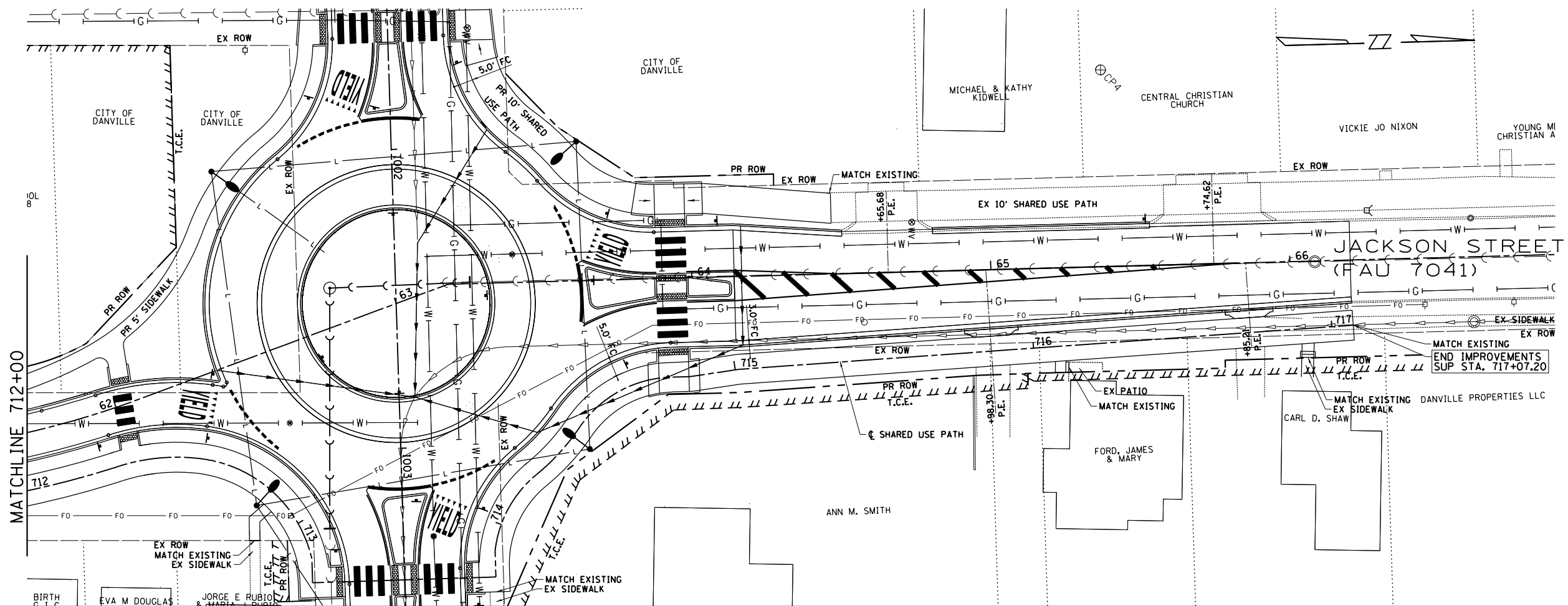
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DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 PLAN & PROFILE SHARED USE PATH
 SCALE: 1"=20' 710+26.22 TO 712+00

ROUTE	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-01-BT	Vermillion	38	22
CONTRACT NO. 91557				



609.57 610.06 712+00	610.34 610.43 712+50	610.54 610.66 713+00	610.21 609.84 713+50	610.99 610.65 714+00	613.14 611.87 714+50	613.64 612.65 715+00	614.31 613.45 715+50	614.19 614.11 716+00	614.68 614.73 716+50	615.10 615.11 717+00
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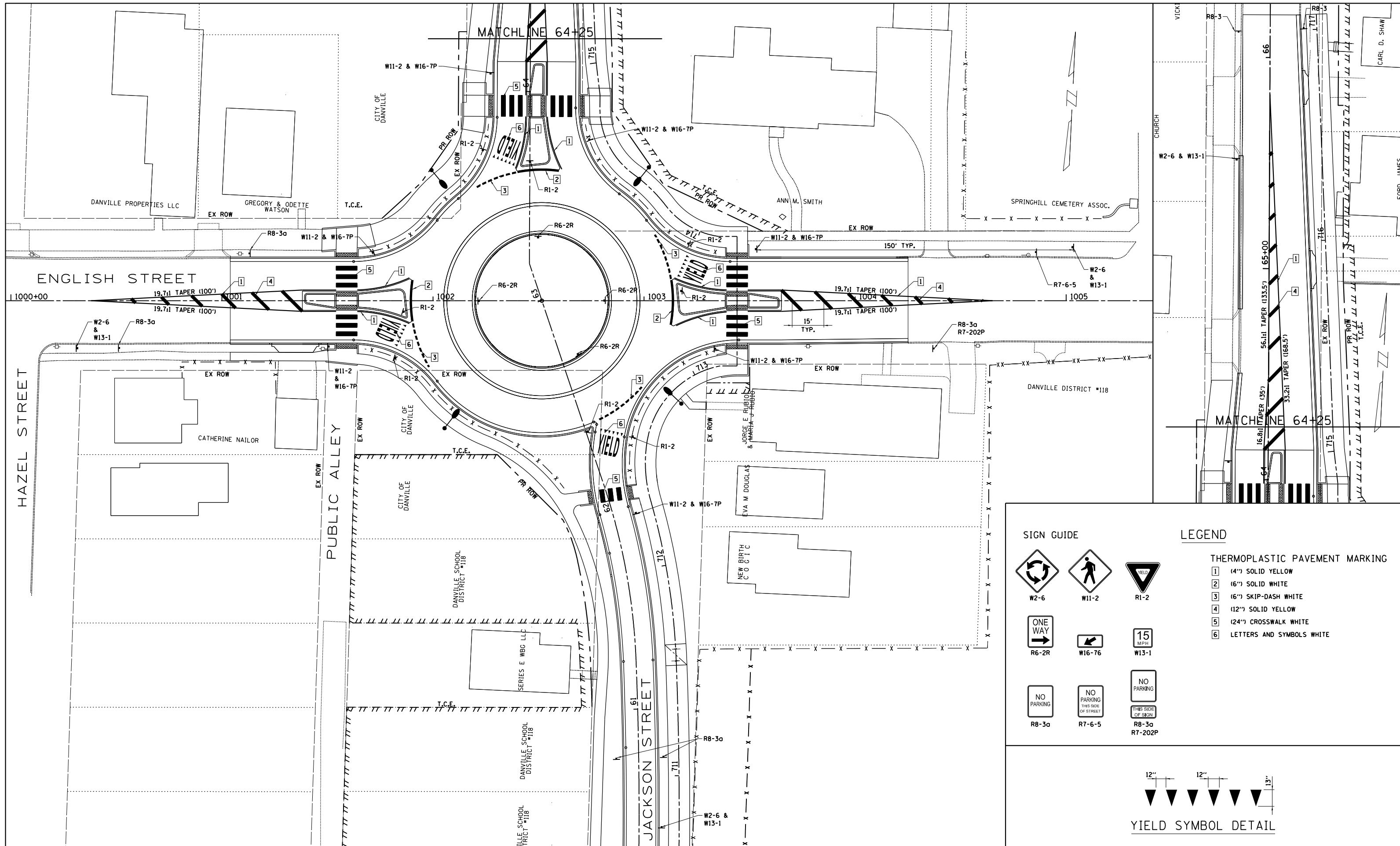


DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

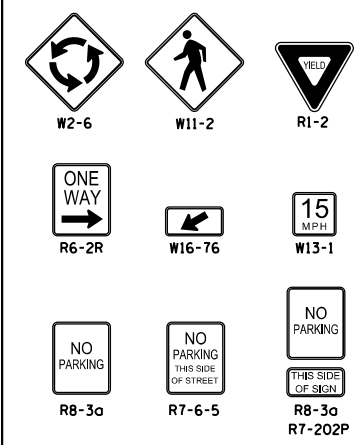
**ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 PLAN & PROFILE SHARED USE PATH**

RTS.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 91557				

SCALE: 1"=20'
 712+00 ± 717+07.20

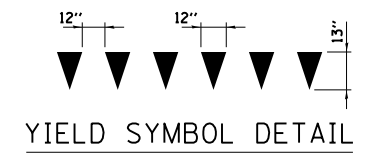


SIGN GUIDE



LEGEND

- THERMOPLASTIC PAVEMENT MARKING**
- 1 (4") SOLID YELLOW
 - 2 (6") SOLID WHITE
 - 3 (6") SKIP-DASH WHITE
 - 4 (12") SOLID YELLOW
 - 5 (24") CROSSWALK WHITE
 - 6 LETTERS AND SYMBOLS WHITE



FILE LOCATION -
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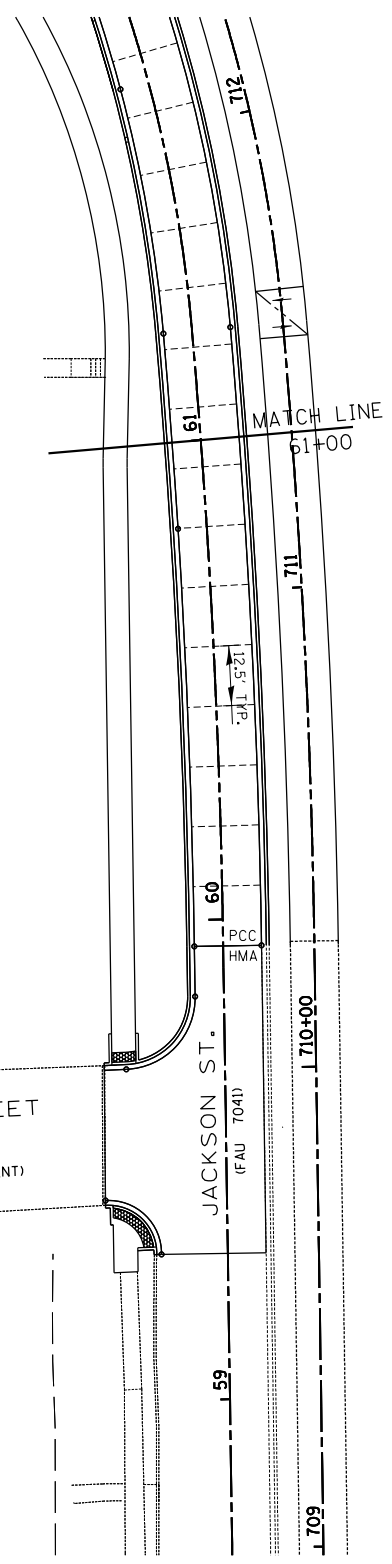
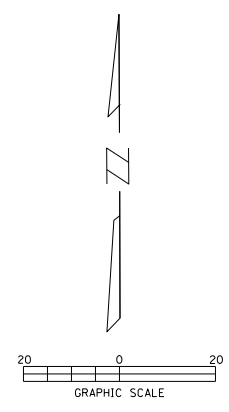
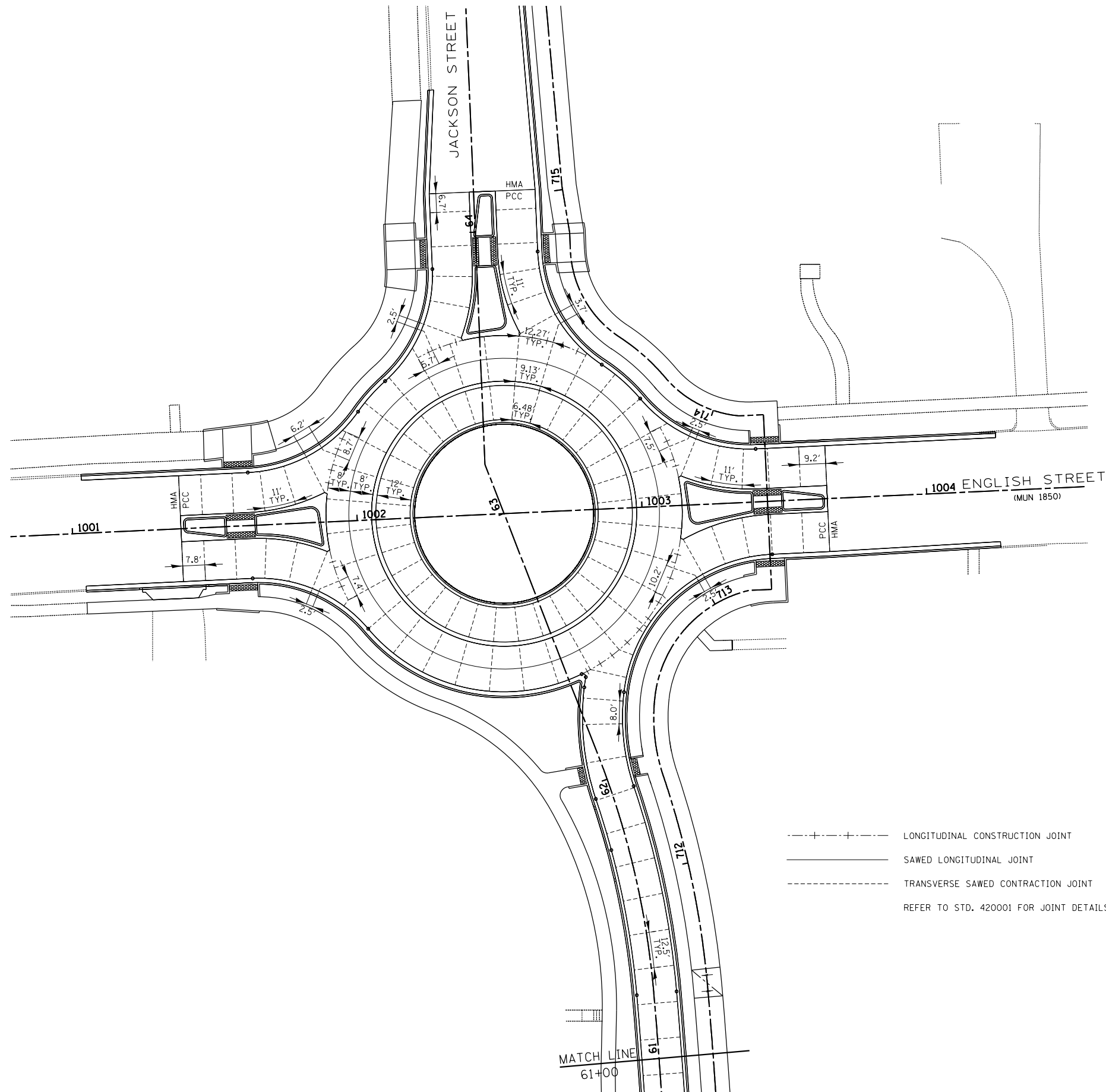


DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

**ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 PAVEMENT MARKING & SIGNING**

RT.	PROJECT NUMBER	COUNTY	TOTAL SHEET NO.
*	12-00348-01-BT	Vermilion	38 24
	CONTRACT NO. 91557		

SCALE: 1"=20'



- - - - - LONGITUDINAL CONSTRUCTION JOINT
 _____ SAWED LONGITUDINAL JOINT
 - - - - - TRANSVERSE SAWED CONTRACTION JOINT
 REFER TO STD. 420001 FOR JOINT DETAILS AND REINFORCEMENT

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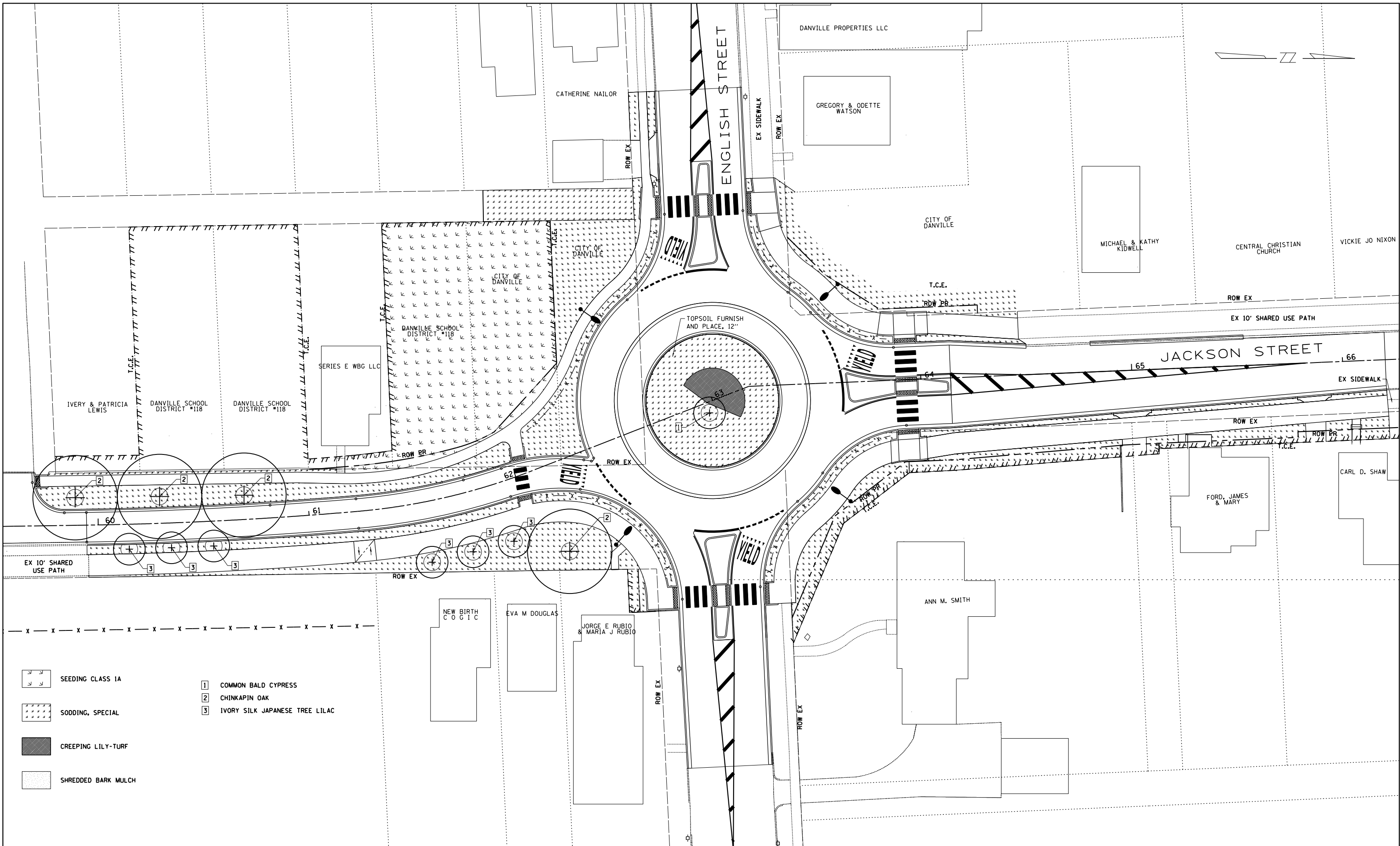









DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
PAVEMENT JOINT DETAIL

SCALE: 1"=20'

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-01-BT	Vermillion	38	25
CONTRACT NO. 91557				



-  SEEDING CLASS 1A
-  SODDING, SPECIAL
-  CREEPING LILY-TURF
-  SHREDDED BARK MULCH
-  1 COMMON BALD CYPRESS
-  2 CHINKAPIN OAK
-  3 IVORY SILK JAPANESE TREE LILAC

FILE LOCATION = \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\LANDSCAPING & SIGNING PLANS\English-Jackson.DWG
 DESIGNED - COD
 DRAWN - MDS
 CHECKED - ENC
 DATE - 12/5/2017

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DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS LANDSCAPING
 SCALE: 1"=20'

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermillion	38	26
CONTRACT NO. 91557				

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR MUST FURNISH, INSTALL, MAINTAIN, AND REMOVE ALL TEMPORARY SIGN SUPPORTS. AFTER REMOVING THE SUPPORTS, THE CONTRACTOR MUST FILL HOLES (IF ANY) AND RESTORE THE GROUND TO ITS ORIGINAL CONDITION AND ELEVATION AS DIRECTED BY THE ENGINEER. THE COST OF PLACING GRAVEL, SOD, OR SEED MUST BE INCLUDED IN THE UNIT BID PRICE FOR "TRAFFIC CONTROL & PROTECTION (SPECIAL)".
2. SIGNING SHALL BE PLACED AT A LOCATION THAT WILL BE COMPATIBLE WITH EXISTING SIGNING.
3. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE TRAFFIC CONTROL PLANS AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", AND SHALL BE IN PLACE BEFORE THE CONSTRUCTION IS STARTED AND SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGES OF CONSTRUCTION SHOWN.
4. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS FOR HIS CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF THE PUBLIC SAFETY OR CONVINCE. ANY CONTRACTOR PROPOSED TRAFFIC CONTROL PLAN ALTERATIONS SHALL BE SUBMITTED FOR THE WRITTEN APPROVAL OF THE ENGINEER.
5. SIGN AND BARRICADE LOCATIONS MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER. ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS WORK SHALL BE COVERED AS DIRECTED BY THE ENGINEER. ANY SIGNS OR DEVICE LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THIS WORK WILL BE PAID FOR BY THE CONTRACTOR.
6. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
7. ALL TYPE III BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF ALL RAILS ON BARRICADES.
8. THE INSTALLATION AND RELOCATION OF STAGING SHALL BE PERFORMED IN A SAFE AND PROMPT MANNER.
9. THE CONTRACTOR SHALL NOT IMPLEMENT ANY STAGING PHASE OR SUBPHASE UNLESS ALL THE NECESSARY EQUIPMENT AND MANPOWER IS PRESENT AT THE SITE SO THAT IT CAN BE ENTIRELY ACCOMPLISHED.
10. NOTHING HEREIN SHALL RELIEVE THE CONTRACTOR FROM FOLLOWING ALL THE STATE, FEDERAL, AND LOCAL REQUIREMENTS, PERMITS, AND OTHER PROCEDURES NECESSARY TO PERFORM THE WORK AS SHOWN ON THE CONTRACT DRAWINGS, IN THE CONTRACT SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.
11. THE CONTRACTOR SHALL PROVIDE ACCESS TO EMERGENCY VEHICLES AT ALL TIMES.
12. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, PAVEMENT, PAVEMENT MARKINGS, CURB AND GUTTER, OUTSIDE THE RECONSTRUCTION LIMITS, THESE ITEMS ARE TO BE RESTORED TO THEIR PRE- CONSTRUCTION CONDITIONS AS INDICATED IN THE EXISTING TYPICAL SECTIONS IN THE PLANS. AS DETERMINED BY THE ENGINEER, DEFICIENCIES IN THE CONDITION OF THESE ELEMENTS AS THEY RELATE TO THE PRE- CONSTRUCTION CONDITION ARE TO BE IMPROVED BY THE CONTRACTOR UNTIL THEY ARE ACCEPTED BY THE ENGINEER.
13. A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
14. WHEN A SIDE ROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
15. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.
16. THE CONTRACTOR SHALL INSTALL AND COVER ALL TEMPORARY SIGNING BEFORE EXISTING SIGNS ARE REMOVED.
17. THE CONTRACTOR SHALL INSTALL AND COVER ALL PERMANENT SIGNING BEFORE TEMPORARY SIGNS ARE REMOVED
18. EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS DIRECTED BY THE ENGINEER.
19. THE CONTRACTOR SHALL MAINTAIN DRIVEWAY, FIELD ENTRANCE, AND SIDE ROAD ENTRANCE AT ALL TIMES AT THE LOCATIONS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE) AND TEMPORARY ACCESS (COMMERCIAL ENTRANCE). EACH ENTRANCE SHALL ONLY BE MEASURED FOR PAYMENT ONCE.
20. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A MAINTENANCE OF TRAFFIC CONTROL AND PROTECTION PLAN FOR THE CONSTRUCTION STAGING REQUIRED FOR THE PROPOSED IMPROVEMENTS ON ALL SIDE ROADS AND THE COMMERCIAL ENTRANCES.
21. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL BACKFILL OR COVER ALL TRENCHES AND OPEN EXCAVATION HOLES FOR PROPOSED STORM SEWERS AND DRAINAGE STRUCTURES IN ORDER TO PROVIDE A SAFE CONDITION FOR MOTORISTS AND THE PUBLIC DURING NON -WORKING HOURS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL PROTECTION.
22. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKING IF IT CONFLICTS WITH THE PROPOSED OR TEMPORARY PAVEMENT MARKING.
23. SIDEWALK SHOULD BE MAINTAINED AND ACCESS TO ALL BUILDINGS SHOULD BE PROVIDED AT ALL TIMES, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.

FILE LOCATION = \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\EROSION & TRAFFIC CONTROL-English-Jackson.DGN

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CHECKED -	ENC	REVISED -	
DATE -	12/5/2017	REVISED -	



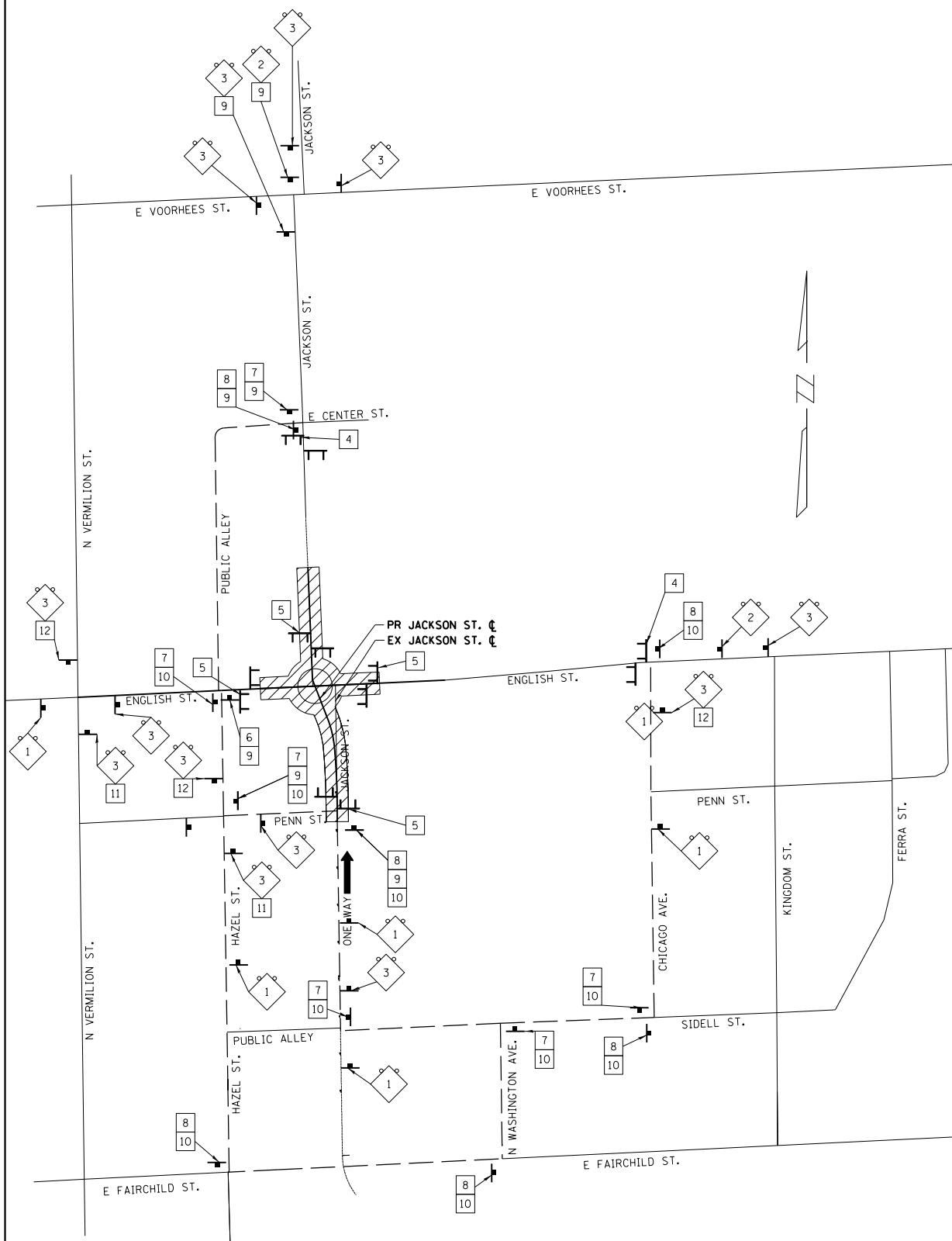
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

**ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
TRAFFIC CONTROL I**

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermillion	38	27
CONTRACT NO. 91557				

ENGLISH-JACKSON STREET INTERSECTION ROAD CLOSURE SIGNAGE AND DETOUR PLAN



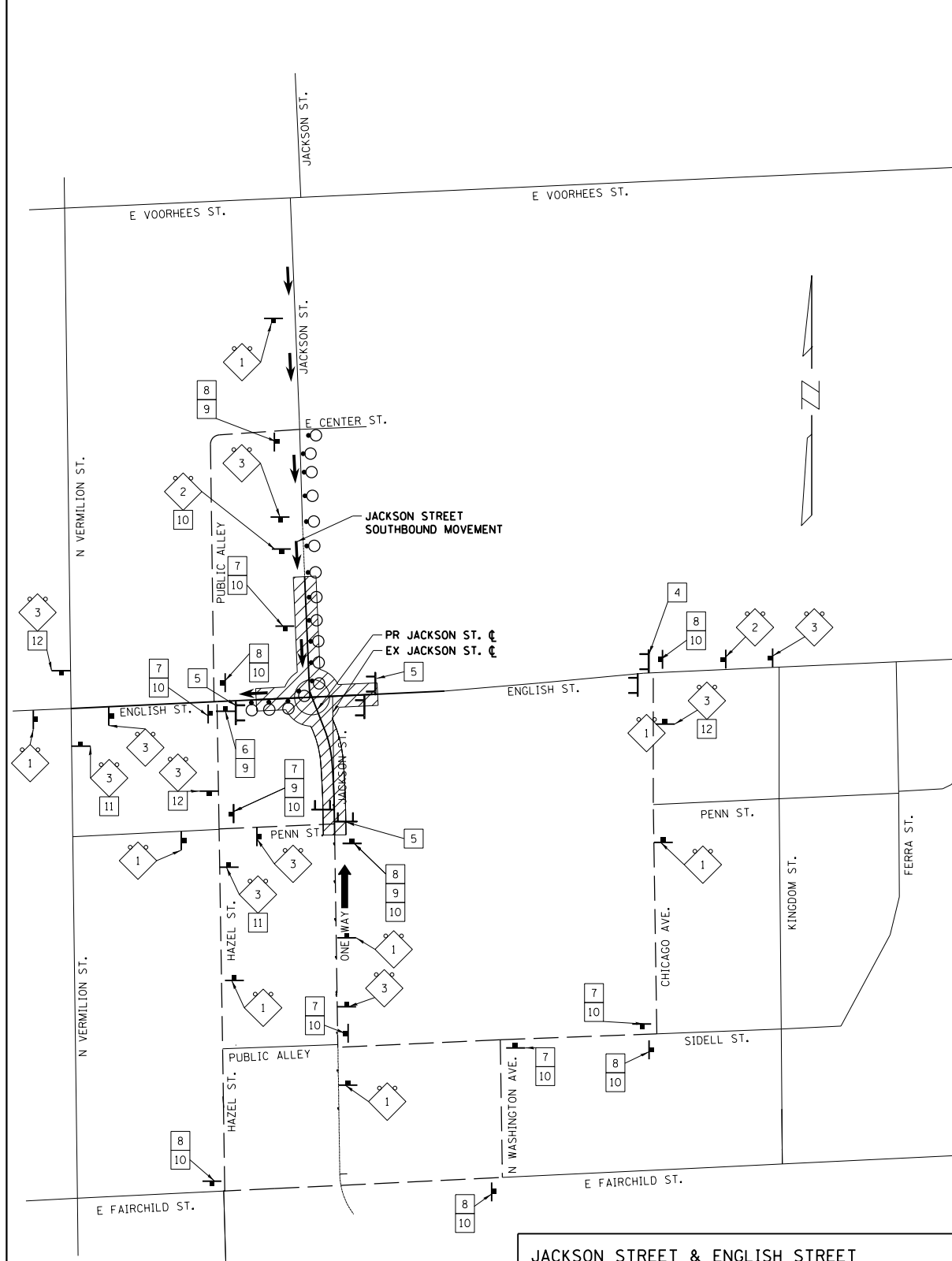
SCHEDULE OF QUANTITIES

SIGN NUMBER	SIGN TYPE	QUANTITY
1	ROAD WORK AHEAD	7
2	DETOUR AHEAD	2
3	ROAD CLOSED AHEAD	13
4	ROAD CLOSED TO THRU TRAFFIC	2
5	ROAD CLOSED	4
6	DETOUR	1
7	DETOUR	6
8	DETOUR	6
9	JACKSON ST	7
10	ENGLISH ST	10
11	NO RIGHT TURN	2
12	NO LEFT TURN	3

LEGEND

- 48" x 48" (1.2m x 1.2m) CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHTS
- M4-9 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
- OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE 3 BARRICADE WITH AMBER FLASHING LIGHTS
- DETOUR ROUTE
- WORK ZONE

JACKSON STREET SOUTHBOUND MOVEMENT ROAD CLOSURE SIGNAGE AND DETOUR PLAN



JACKSON STREET & ENGLISH STREET

TRAFFIC CONTROL REQUIREMENTS:

REFER TO SPECIAL PROVISION TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

FILE LOCATION: \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\EROSION & TRAFFIC CONTROL-English-Jackson.DGN

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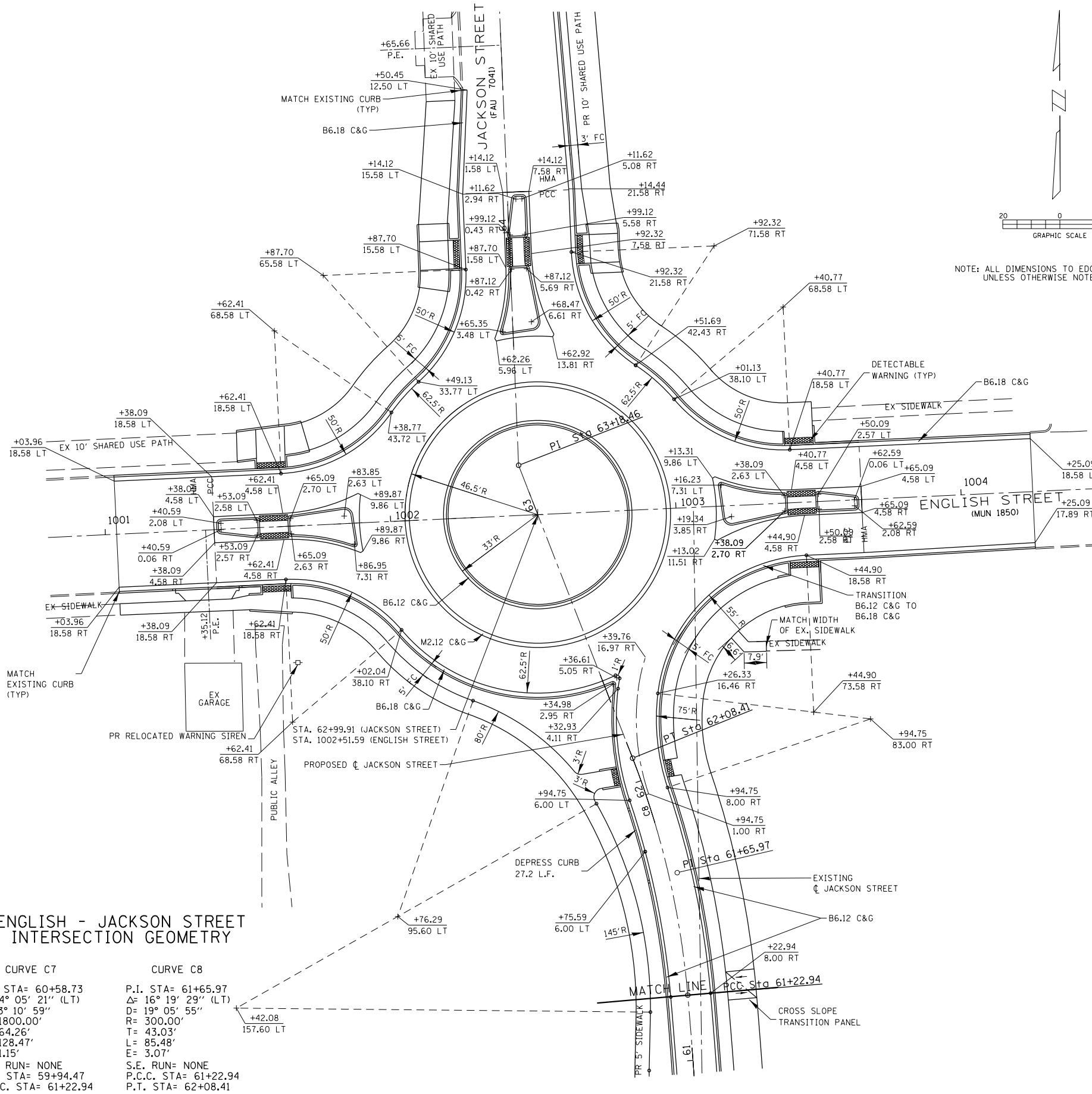


DEPARTMENT OF ENGINEERING
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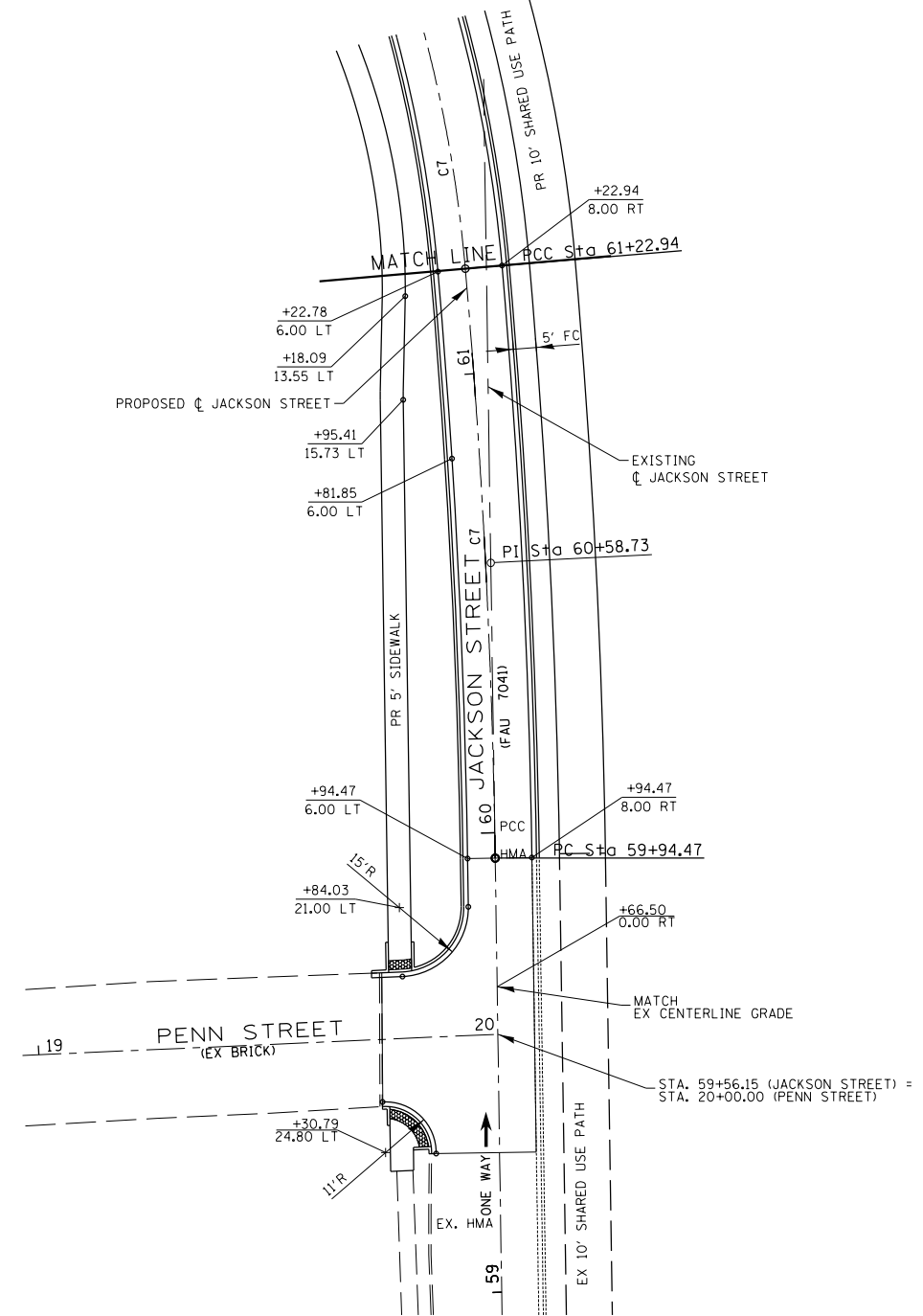
ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS TRAFFIC CONTROL II

SCALE: 1"=200'

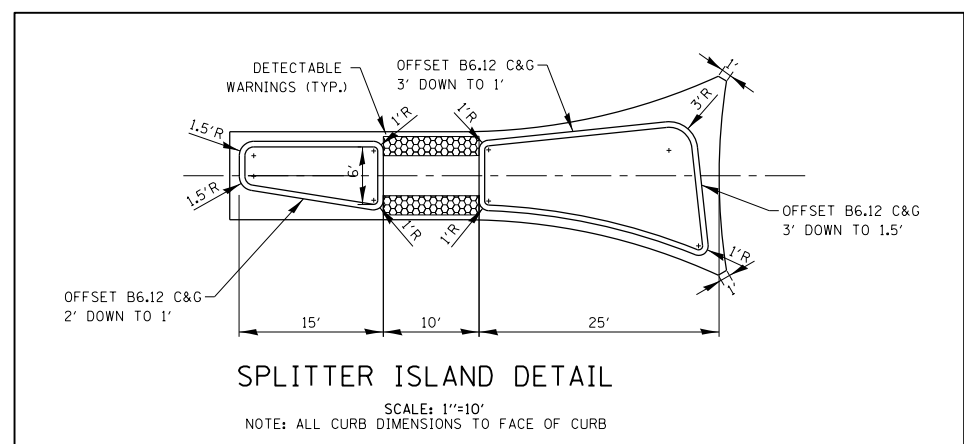
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-01-BT	Vermillion	38	28
CONTRACT NO. 91557				



NOTE: ALL DIMENSIONS TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED



CURVE C7	CURVE C8
P.I. STA= 60+58.73	P.I. STA= 61+65.97
Δ= 4° 05' 21" (LT)	Δ= 16° 19' 29" (LT)
D= 3° 10' 59"	D= 19° 05' 55"
R= 1800.00'	R= 300.00'
T= 64.26'	T= 43.03'
L= 128.47'	L= 85.48'
E= 1.15'	E= 3.07'
S.E. RUN= NONE	S.E. RUN= NONE
P.C. STA= 59+94.47	P.C.C. STA= 61+22.94
P.C.C. STA= 61+22.94	P.T. STA= 62+08.41



FILE LOCATION: \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\DETAILS\English-Jackson.DGN

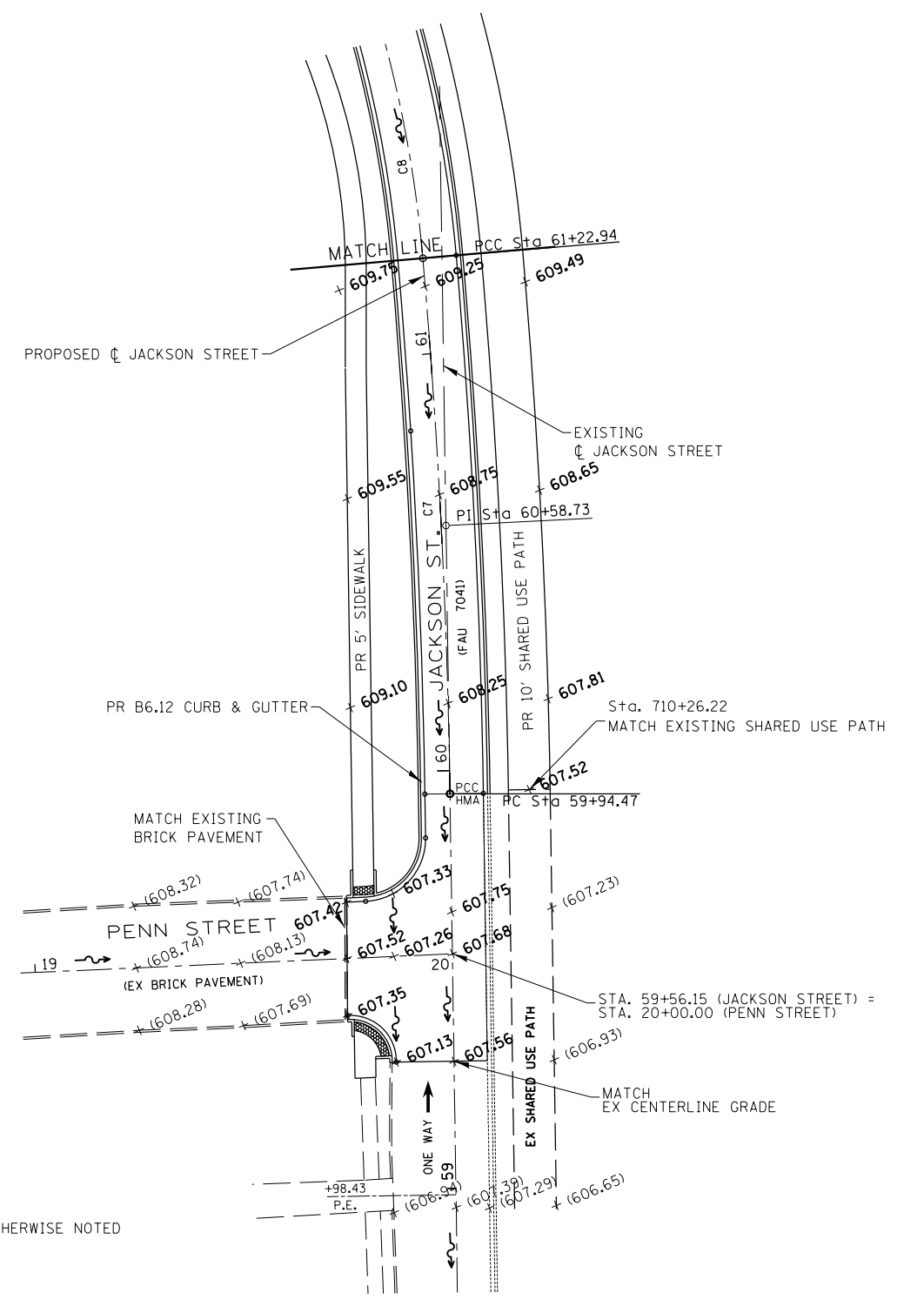
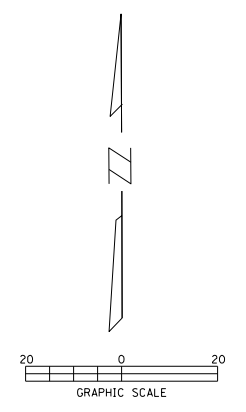
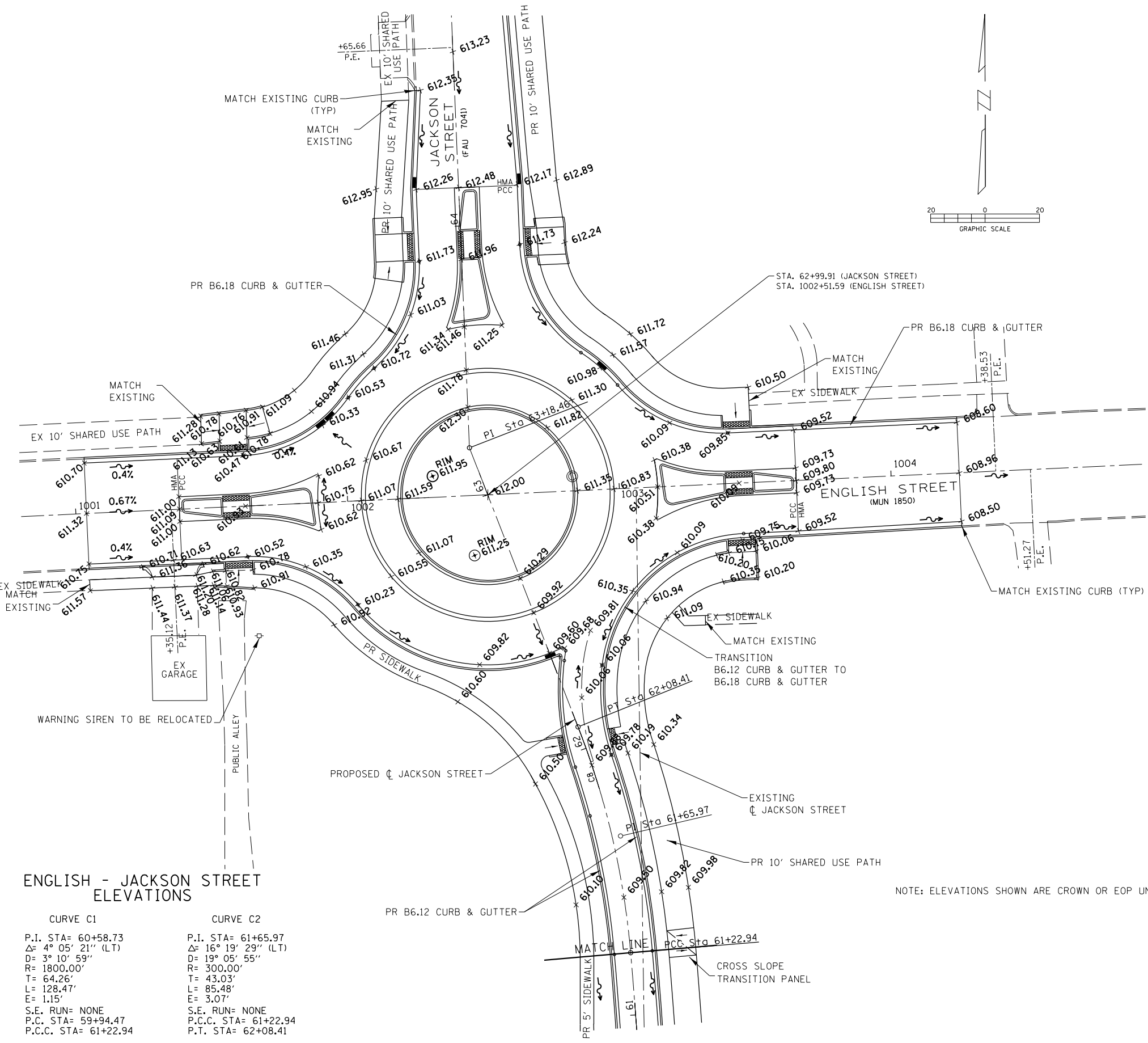
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CHECKED - MDS	REVISED -
DATE - 12/5/2017	REVISED -



DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
INTERSECTION DETAILS I
SCALE: 1"=20' GEOMETRY

PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
12-00348-01-BT	Vermillion	38	29
CONTRACT NO. 91557			

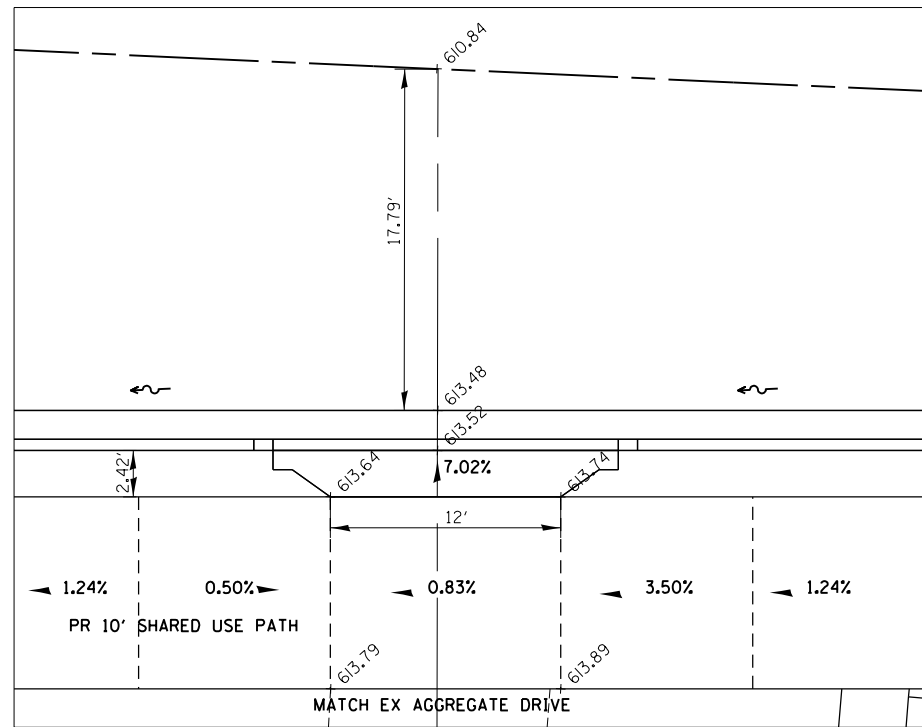


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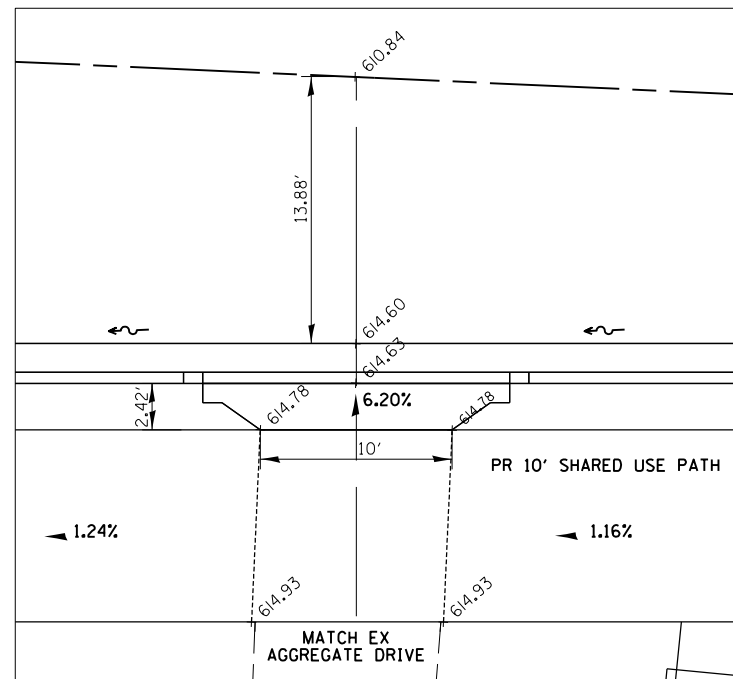


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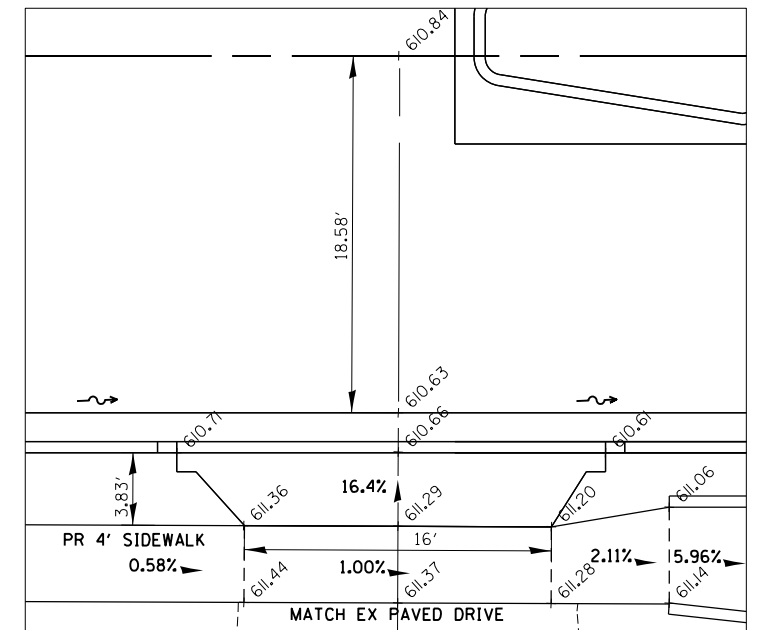
ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS	RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
INTERSECTION DETAILS II		12-00348-01-BT	Vermillion	38	30
SCALE: 1"=20'	ELEVATIONS	CONTRACT NO. 91557			



JACKSON ST.
P.E. DRIVEWAY STA. 64+98.30



JACKSON ST.
P.E. DRIVEWAY STA. 65+85.21



ENGLISH ST.
P.E. DRIVEWAY STA. 1001+35.23

FILE LOCATION = \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\DETAILS\English-Jackson.DGN

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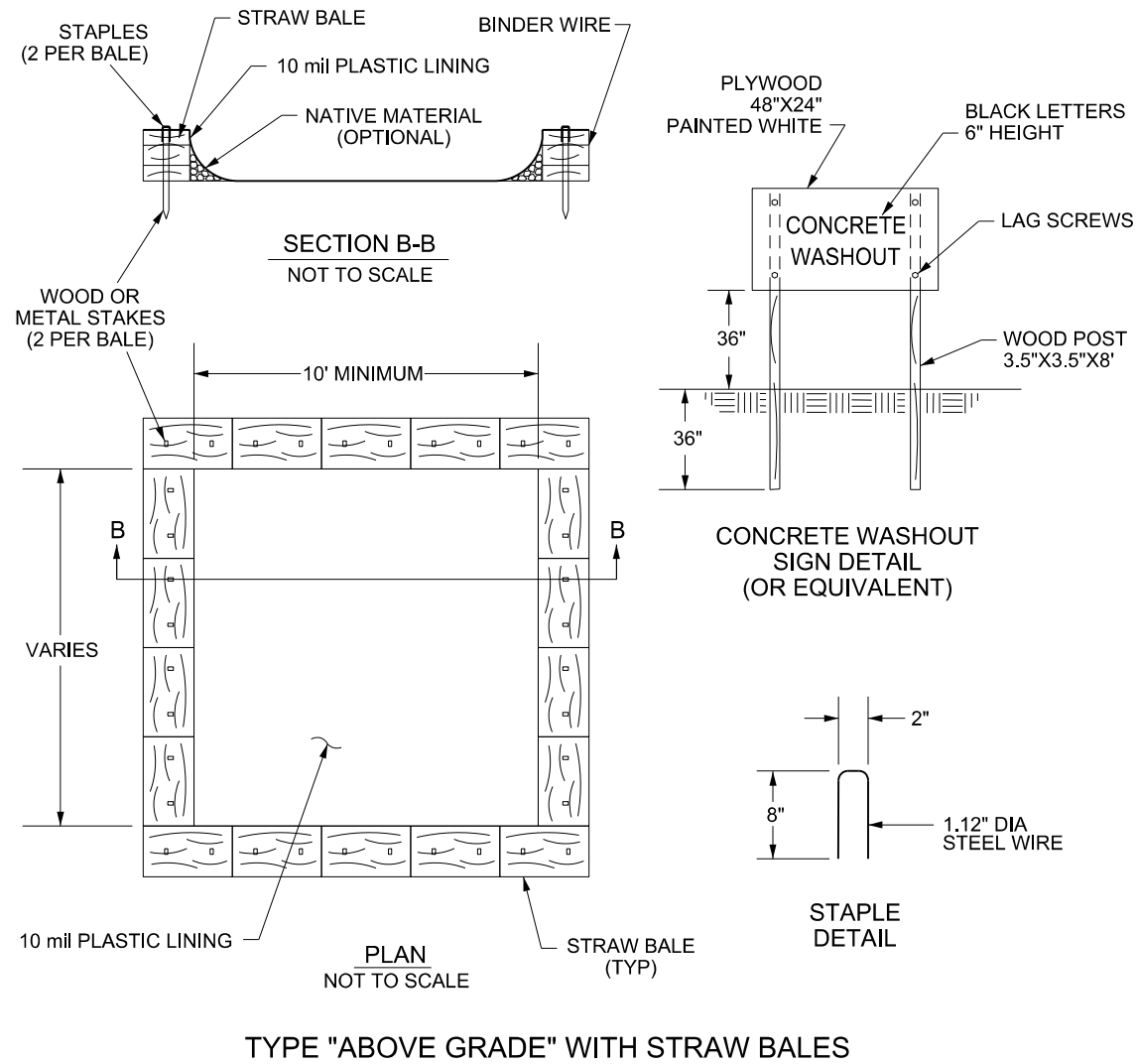


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ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
ENTRANCE DETAILS

SCALE: 1"=5'

RTS.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermilion	38	31
CONTRACT NO. 91557				

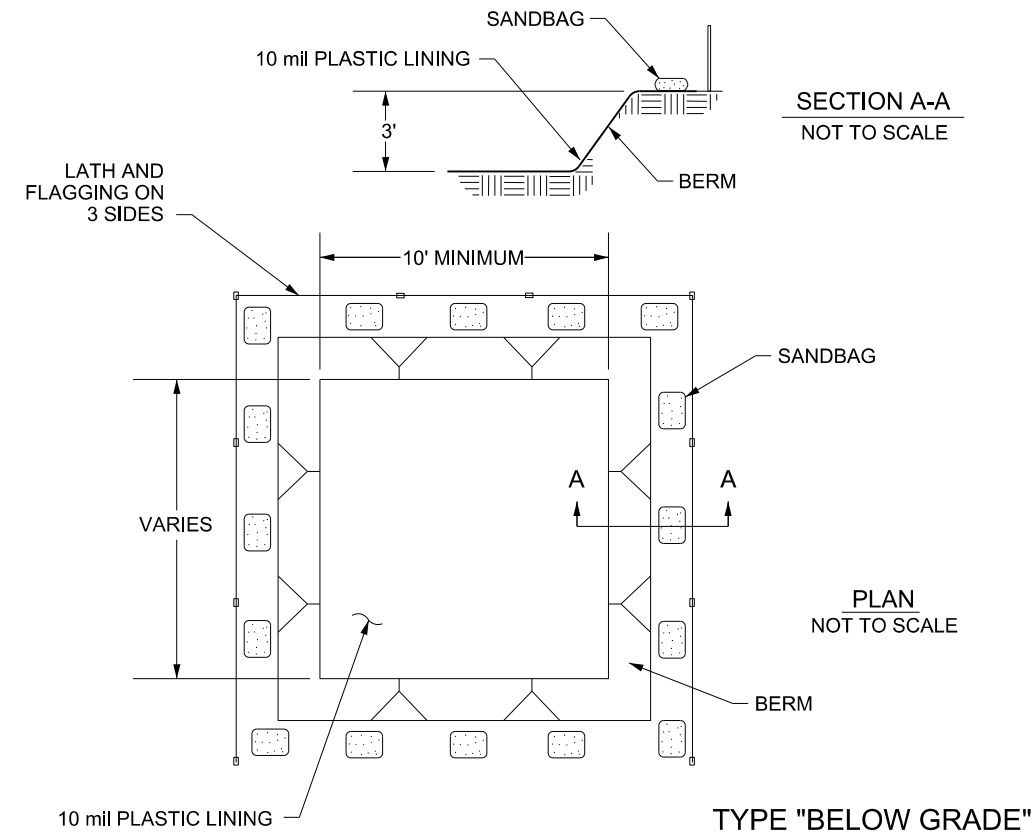


TYPE "ABOVE GRADE" WITH STRAW BALES

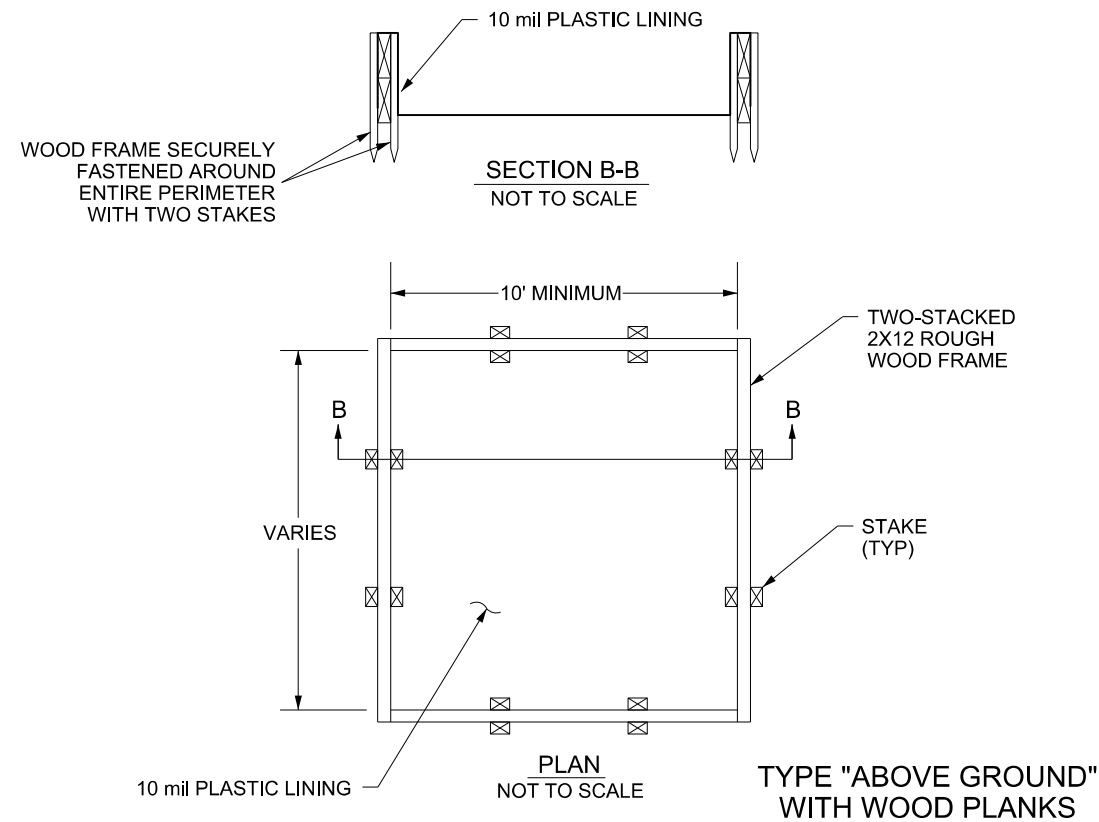
NOTES

1. ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.
2. A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.
4. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED, AND STABILIZED TO PREVENT EROSION.

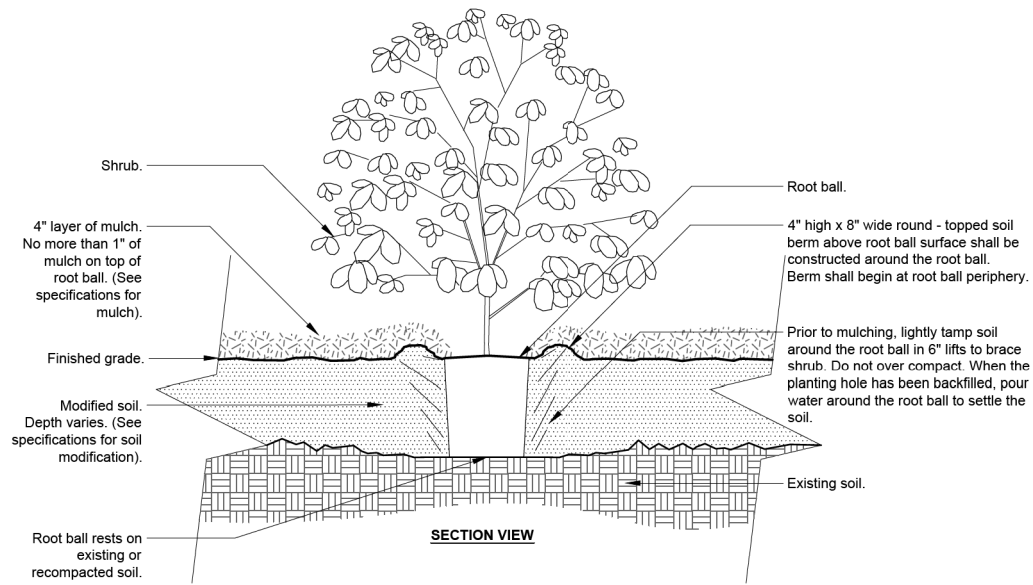
TEMPORARY CONCRETE WASHOUT FACILITIES



TYPE "BELOW GRADE"



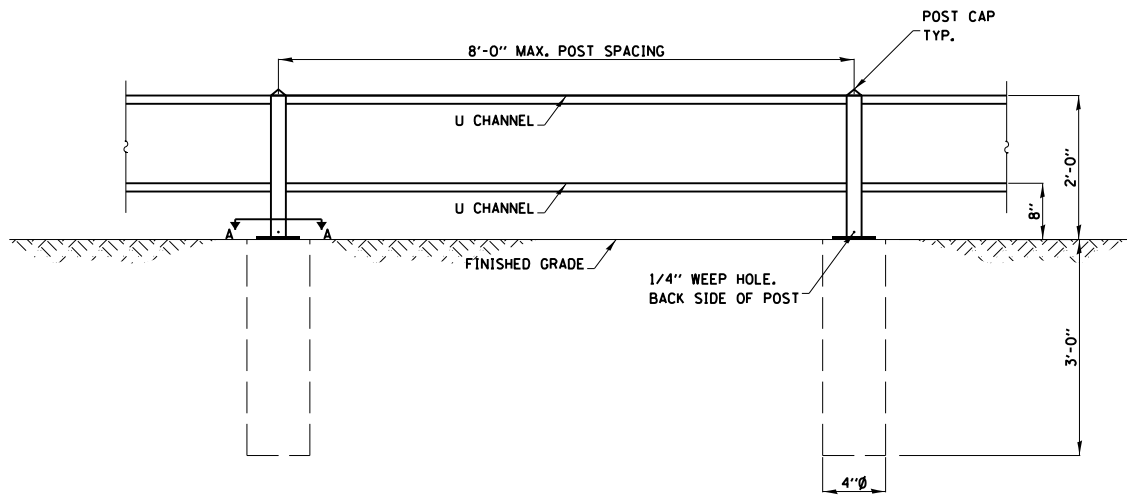
TYPE "ABOVE GROUND" WITH WOOD PLANKS



- Notes:
- 1- Shrubs shall be of quality prescribed in the root observations detail and specifications.
 - 2- See specifications for further requirements related to this detail.

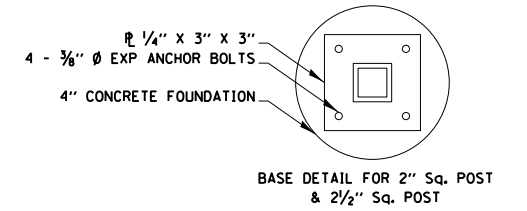
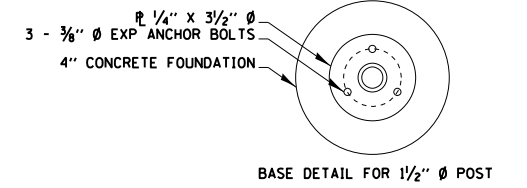
P-X SHRUB - MODIFIED SOIL

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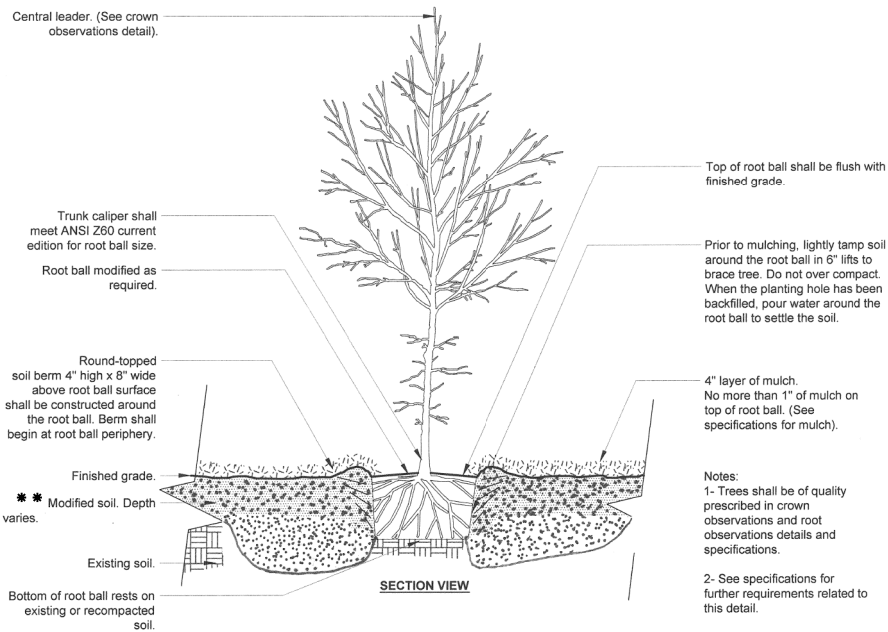


FENCE (SPECIAL)
NTS

NOTE: SEE SPECIAL PROVISIONS FENCE (SPECIAL) FOR DESCRIPTION AND MATERIAL SPECIFICATIONS.



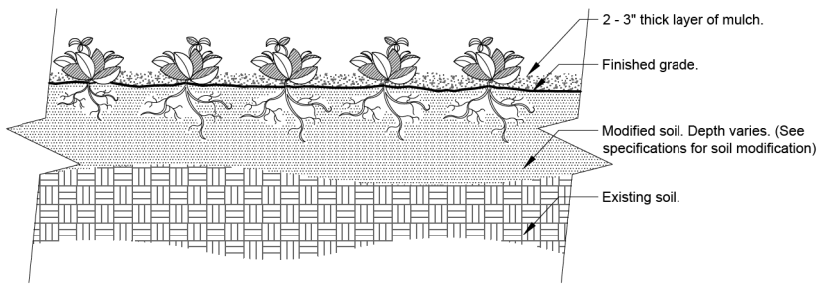
SECTION A-A



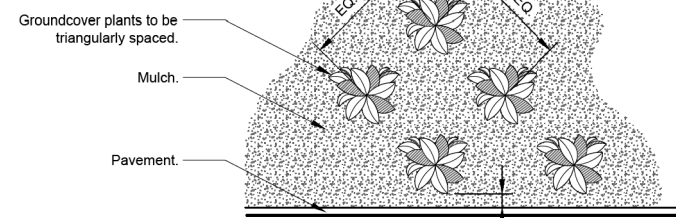
P-X TREE w/ BERM (EXISTING SOIL MODIFIED)

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**** NOTE: SEE SPECIAL PROVISIONS TOP SOIL FURNISH AND PLACE, SPECIAL FOR MODIFIED SOIL DESCRIPTION AND MATERIAL SPECIFICATIONS.**



SECTION VIEW

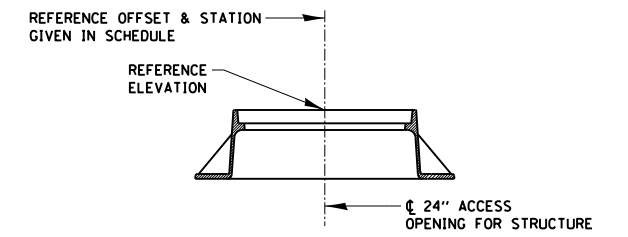


PLAN

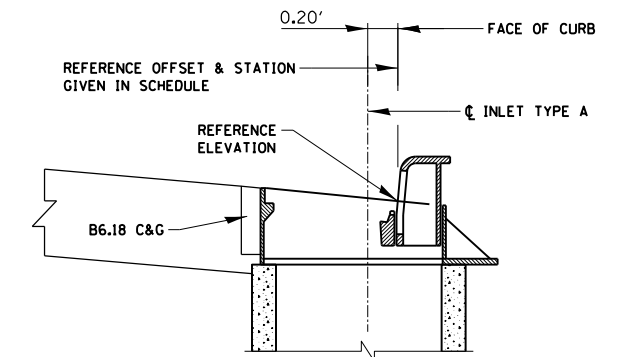
- Notes:
- 1- See planting legend for groundcover species, size, and spacing dimension.
 - 2- Small roots (1/4\"/>

P-X GROUNDCOVER

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TYPE 1 FRAME & LID
NTS



INLET WITH FRAME & GRATE TYPE 3
NTS

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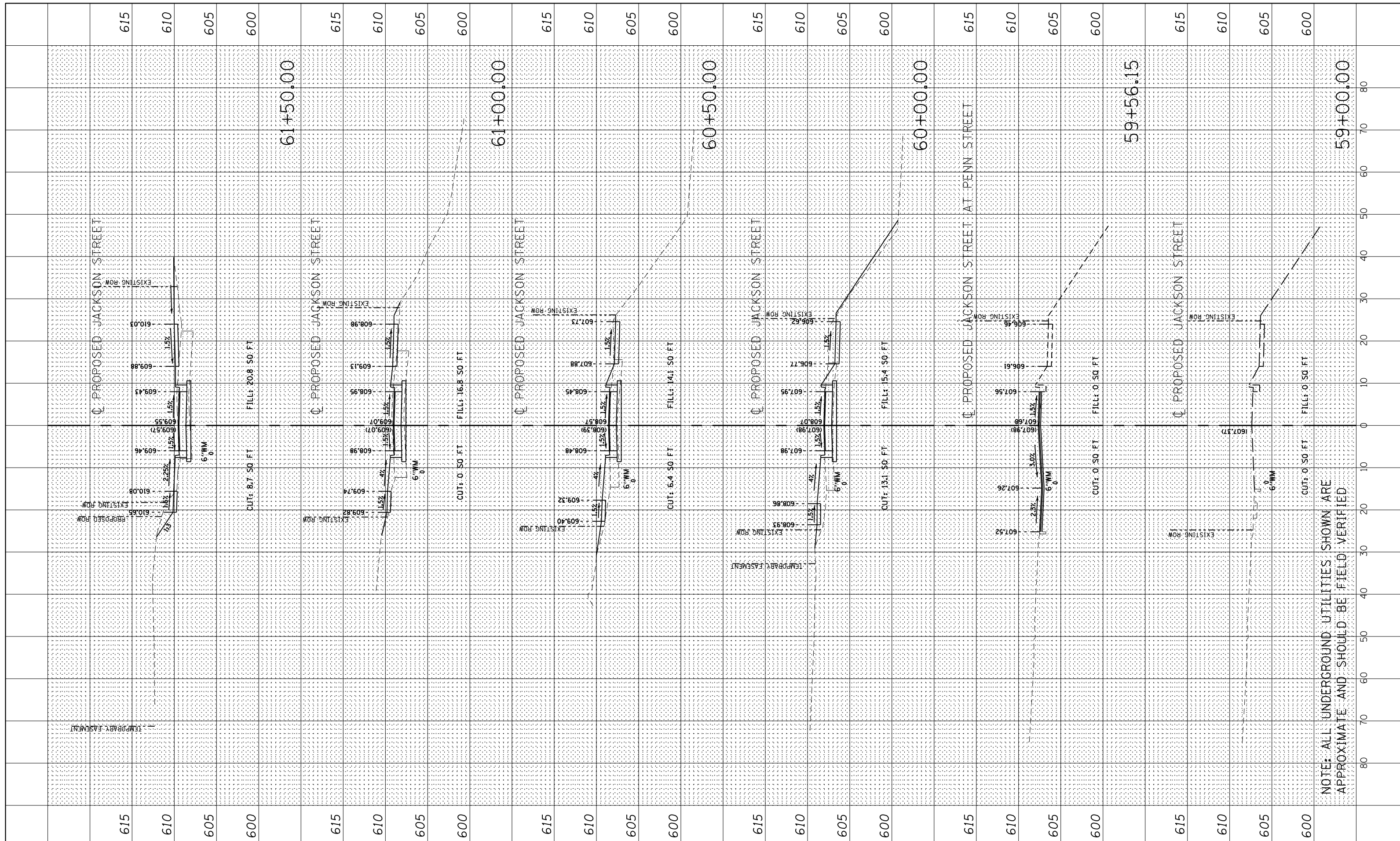


DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
MISCELLANEOUS DETAILS

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermillion	38	33
CONTRACT NO. 91557				



FILE LOCATION -
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 DATE - 12/5/2017

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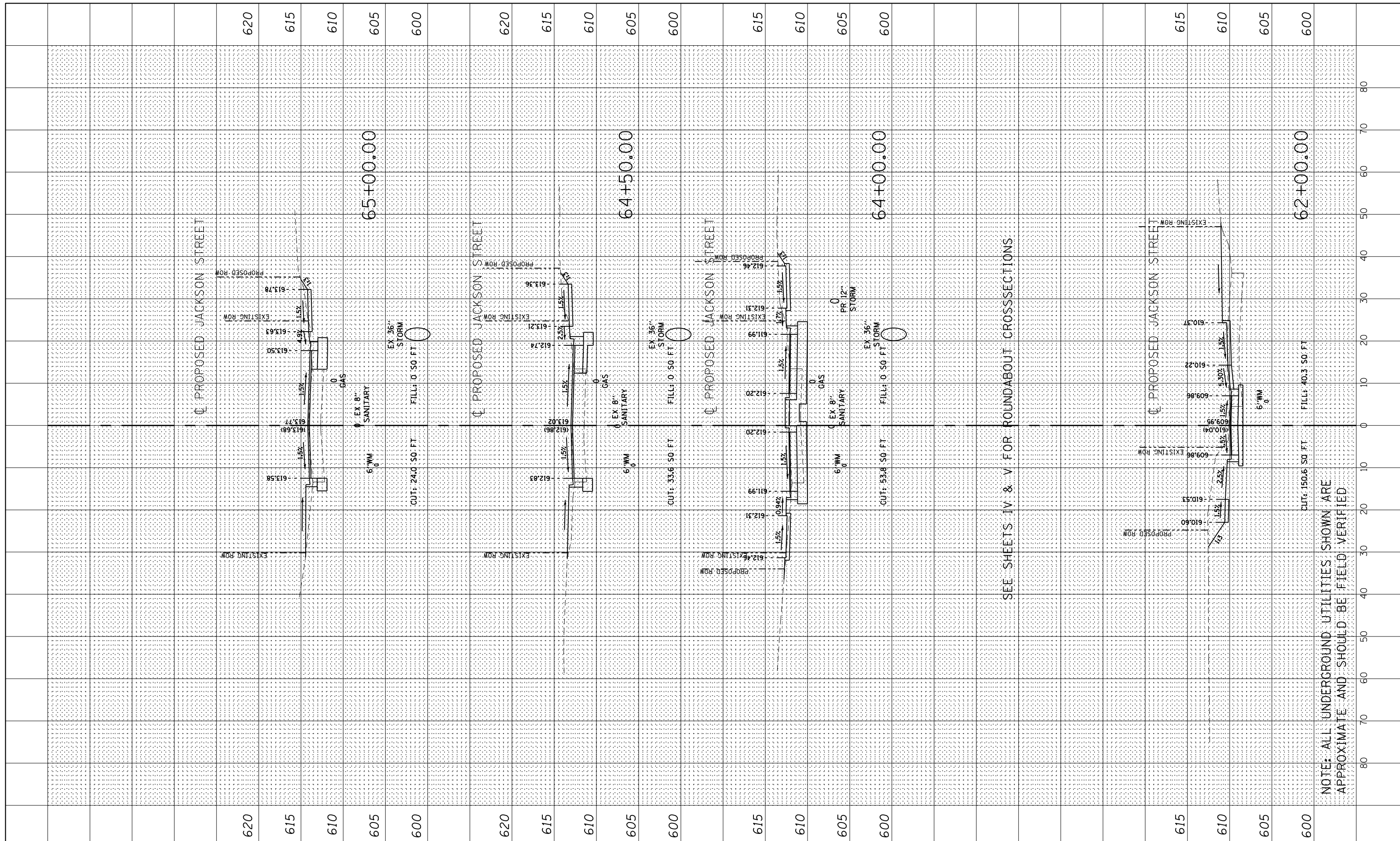
DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

**ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 CROSSECTIONS I**

ROUTE	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00348-01-BT	Vermillion	38	34
CONTRACT NO. 91557				

SCALE: JACKSON STREET 59+00 TO 61+50

NOTE: ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED



FILE LOCATION -
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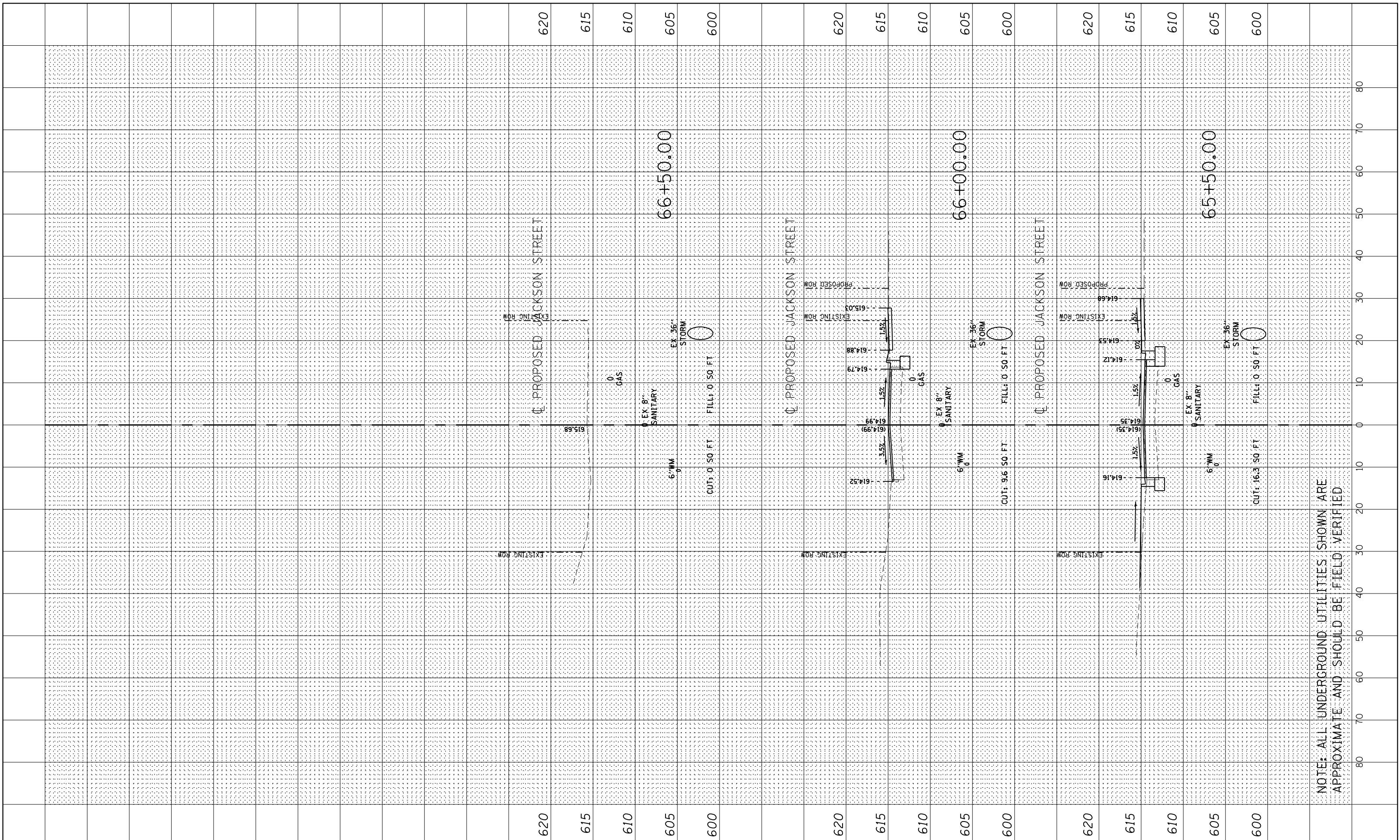
DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 CROSSECTIONS II

PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
12-00348-01-BT	Vermillion	38	35
CONTRACT NO. 91557			

SCALE: JACKSON STREET 62+00 TO 64+50

NOTE: ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED



NOTE: ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED

FILE LOCATION -
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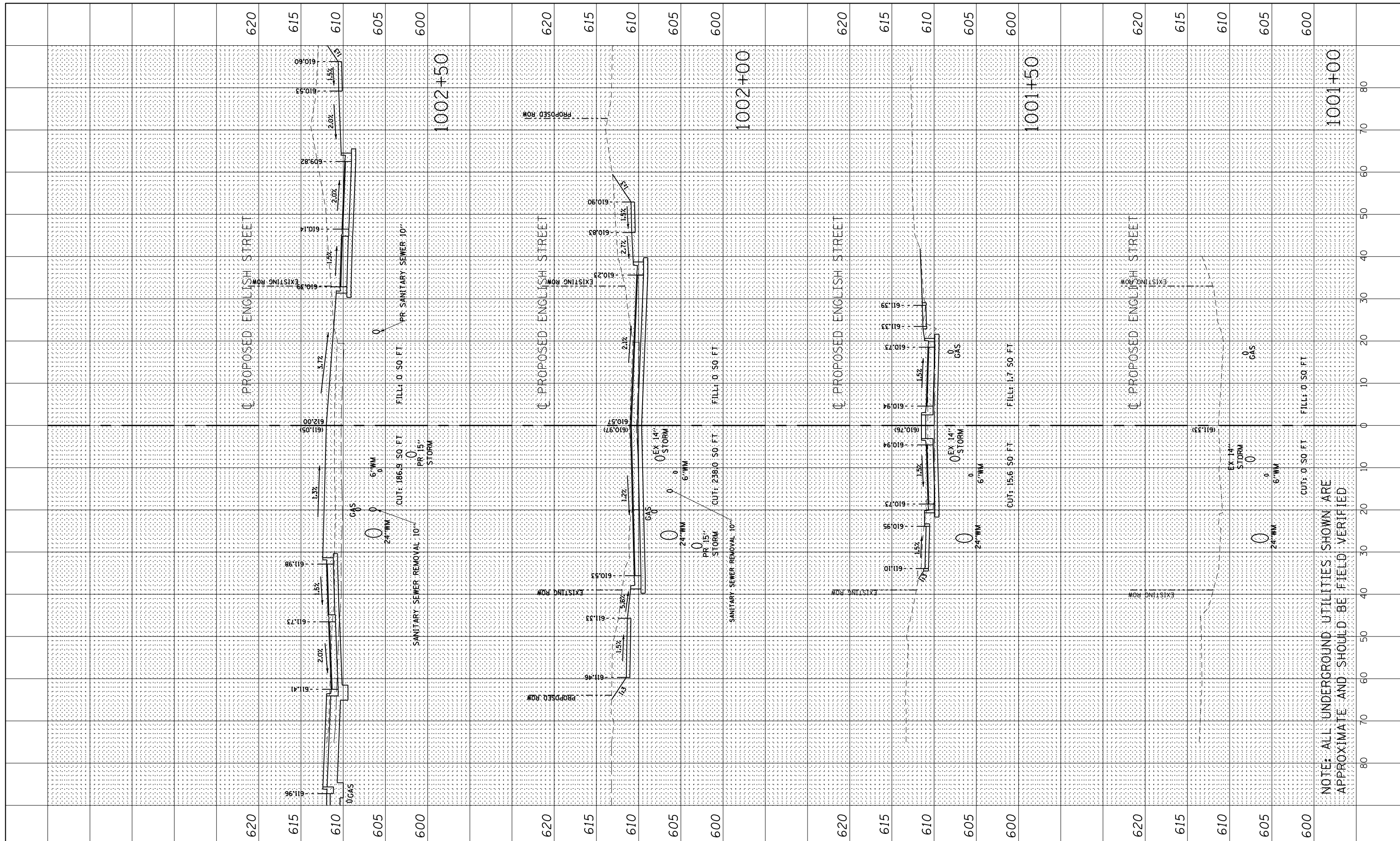


DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS CROSSECTIONS III

SCALE: JACKSON STREET 65+00 TO 66+50

RTS.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-01-BT	Vermillion	38	36
CONTRACT NO. 91557				



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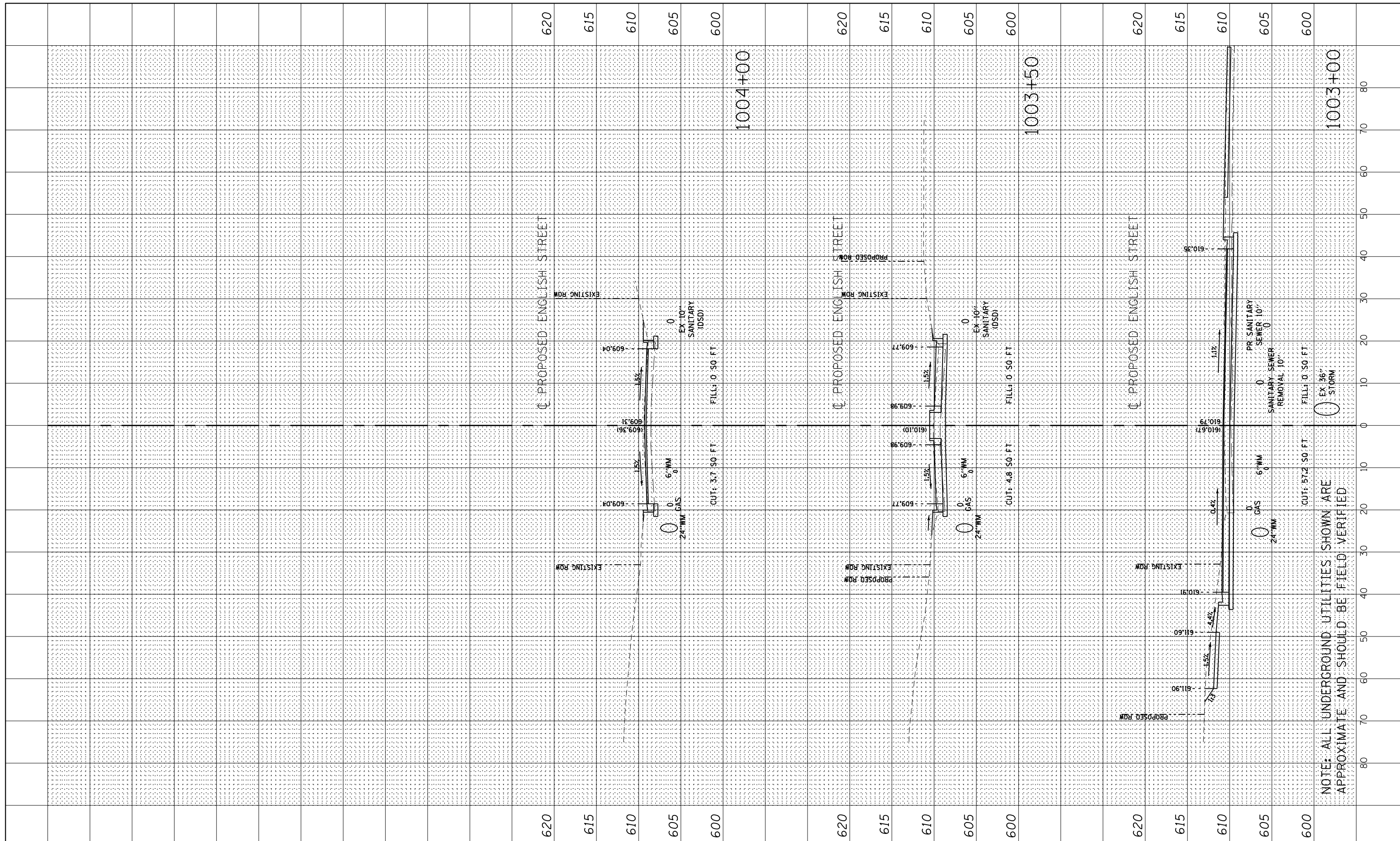


DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
CROSSSECTIONS IV
 SCALE: ENGLISH STREET 1001+00 TO 1002+50

PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
12-00348-01-BT	Vermillion	38	37
CONTRACT NO. 91557			

NOTE: ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED



NOTE: ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED

FILE LOCATION - \\projects\city\current\12-00348-01-BT ENGLISH-JACKSON ROUNDABOUT\CIVIL\CONSTRUCTION\CROSSSECTIONS_english-jackson.dgn
 DESIGNED -
 DRAWN - ENC/MDS
 CHECKED -
 DATE - 12/5/2017

REVISIONS
 REVISED -
 REVISED -
 REVISED -
 REVISED -



DEPARTMENT OF ENGINEERING
 DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

**ENGLISH & JACKSON STREETS INTERSECTION IMPROVEMENTS
 CROSSECTIONS V**

SCALE: ENGLISH STREET 1003+00 TO 1004+00

PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
12-00348-01-BT	Vermillion	38	38
CONTRACT NO. 91557			