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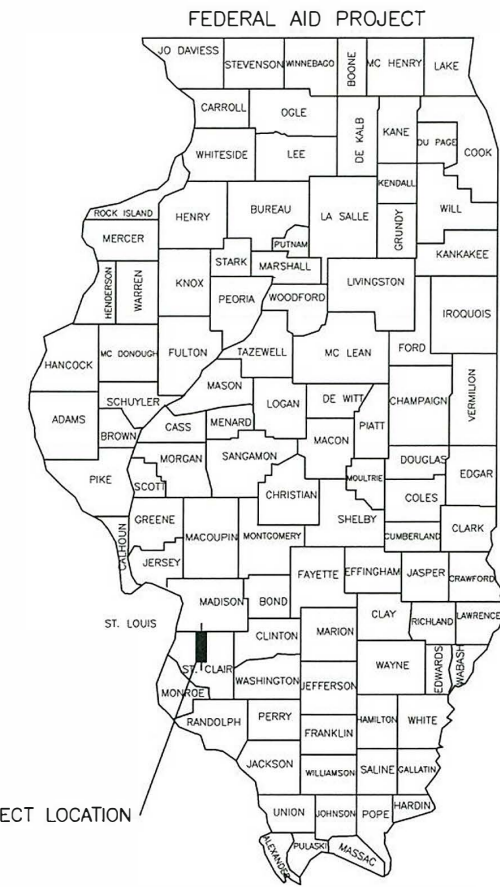
LIST OF HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
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- 602306-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
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- 602701-02 MANHOLE STEPS
- 604001-04 FRAME AND LIDS, TYPE 1
- 604091-03 FRAME AND GRATE, TYPE 24
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
- 701502-08 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-07 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720016-04 MAST ARM MOUNTED STREET NAME SIGNS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS
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- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-03 HANDHOLES
- 814006-02 DOUBLE HANDHOLES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 876001-04 PEDESTRIAN PUSH BUTTON POST
- 877001-07 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001-10 CONCRETE FOUNDATION DETAILS
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- 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
PROPOSED ROADWAY IMPROVEMENTS  
FAU 9170/CH 89 (N. GREEN MOUNT RD)  
& CENTRAL PARK DRIVE

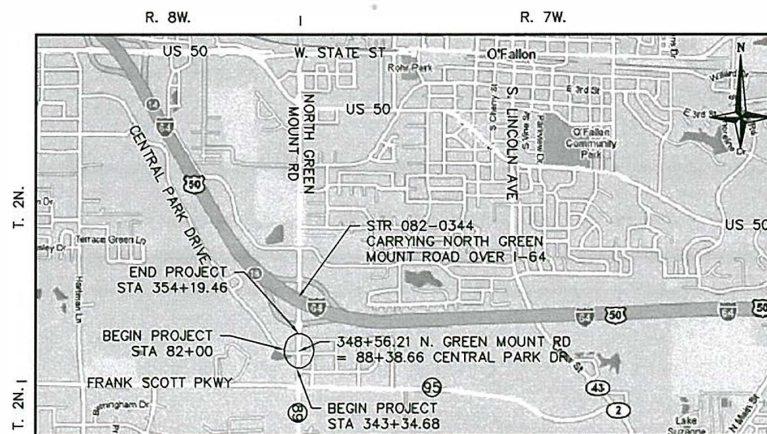
CITY OF O'FALLON  
SECTION NO. 15-00071-00-PV  
ST. CLAIR COUNTY SECTION NO. 16-0033-16-PW

ST. CLAIR COUNTY, ILLINOIS  
CMAQ FUNDS  
PROJECT NO. *Y39E(529)*  
JOB NO. *C-98-146-18*  
INTERSECTION IMPROVEMENTS



PROJECT LOCATION

STATE LOCATION MAP



LOCATION MAP  
1"=1 MI (5280')

FAU 9170 (N. GREEN MOUNT RD)  
MINOR ARTERIAL  
DESIGN SPEED - 50 MPH  
29,200 ADT (2018 CONSTRUCTION YEAR)  
35,600 ADT (2038 DESIGN YEAR)

CENTRAL PARK DRIVE  
MAJOR COLLECTOR  
DESIGN SPEED - 35 MPH  
8,900 ADT (2018 CONSTRUCTION YEAR)  
13,200 ADT (2038 DESIGN YEAR)

LENGTH OF PROJECT  
GROSS LENGTH = 0.133 MI (701.520 FT)  
NET LENGTH = 0.133 MI (701.520 FT)

PREPARED BY:  
BRIAN COURTWRIGHT, PE  
CRAWFORD, BUNTE, BRAMMEIER  
450 COTTONWOOD ROAD, SUITE B  
GLEN CARBON, IL. 62034  
PHONE: 618-656-2612x12  
FAX: 618-659-0650

*Brian E. Courtwright* 1/14/18  
BRIAN E. COURTWRIGHT  
062-057479  
EXPIRATION DATE: 11/30/2019

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OF THE STATE OF ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY
917015-00071-00-PV	ST. CLAIR	ILLINOIS
CONTRACT NO. 97657		

Corporate Engineering Certificate # 000381



CIVIL ENGINEER

DATE PREPARED 12/8/17

ROUTE STATE IL

DISTRICT SHEET NO. 8 1

COUNTY ST. CLAIR

JOB NO. 024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

12/5/17

CITY REVISIONS

12/27/17

IDOT REVISIONS

DATE

12/27/17

DESCRIPTION

DATE

12/27/17

DESCRIPTION

DATE

12/27/17

DESCRIPTION

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12/27/17

COVER SHEET

FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE O'FALLON, ILLINOIS

TRANSPORTATION ENGINEERS+PLANNERS  
12400 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 978-8644  
450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.ctbrtraffic.com



BRIAN E. COURTWRIGHT  
062-057479  
EXPIRATION DATE: 11/30/2019

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES

- 1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
2. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
3. THE OFFSETS TO ALL INLETS AND MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE. A CONCENTRIC DRAINAGE STRUCTURE WAS USED TO CALCULATE THIS DISTANCE.
4. DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS STATED OTHERWISE ON THE PLANS.
5. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IF ADDITIONAL AREAS DISTURBED ARE OUTSIDE OF THE EXISTING ROW, WRITTEN PERMISSION FROM THE PROPERTY OWNER SHALL BE OBTAINED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
6. 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.
7. EVERY TREE SHALL BE SAVED, IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. IF 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.
8. 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 EXPENSE.
9. 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.
10. IT IS NOT WARRANTED THAT THIS DOCUMENT CONTAINS COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-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.
11. 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 REARRANGE HIS OPERATIONS, IN ORDER THAT, THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.
12. 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.
13. 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 DISCREPANCIES EXIST BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS (WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST OR PERFORMANCE OF THIS PROJECT), THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.
14. PER SECTION 780.04 AND 780.06 OF IDOT'S STANDARD PROVISIONS, BEFORE APPLYING THE PAVEMENT MARKING MATERIAL, THE PAVEMENT SHALL BE CLEANED ACCORDING TO THE MANUFACTURER, DRY, AND FREE OF DEBRIS OR ANY OTHER MATERIAL THAT WOULD REDUCE THE ADHESION OF THE MARKINGS ON THE PAVEMENT. THIS INCLUDES DIRT, GREASE, CURING COMPOUNDS AND ANY OTHER LATENTS THAT MAY EXISTS.
15. PAVEMENT MARKING REMOVAL SHALL BE ACCOMPLISHED BY MEANS OF WATERBLASTING TO THE SATISFACTION OF THE CITY AND THE ENGINEER.
16. CONCRETE CURB AND GUTTER SHALL BE POURED SEPARATE AND NOT MONOLITHICALLY WITH THE PAVEMENT.

EROSION CONTROL NOTES

- 1. ALL AREAS DISTURBED FOR ANY REASON, OR AS DIRECTED BY THE ENGINEER, SHALL BE SEEDED WITH CLASS 2A SEEDING, MULCH AND THE NECESSARY NUTRIENTS AS DIRECTED BY THE ENGINEER. SEEDING AND NUTRIENTS SHALL CONFORM TO SECTION 250 AND MULCH SHALL CONFORM TO SECTION 251 USING METHOD 2 OR 3.
2. TEMPORARY SEEDING AND MULCH SHALL BE PERFORMED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 90 LBS/ACRE.
3. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
4. ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE LOCATED AS SHOWN ON THE EROSION CONTROL PLAN AND SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
5. 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 PLAN STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE WATER DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

COMMITMENTS FOR THIS PROJECT ARE AS FOLLOWS:

NONE

SURVEY PROJECT COORDINATES

Table with 5 columns: No., NORTHING, EASTING, ELEV, OBJECT. Contains 114 rows of coordinate data for various points and structures.

HORIZONTAL & VERTICAL CONTROL STATEMENT:

STATE PLANE COORDINATES AND ELEVATIONS ON THIS PROJECT WERE ESTABLISHED UTILIZING THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION GLOBAL NAVIGATION SATELLITE REAL TIME NETWORK FOR CONTINUOUS OPERATING REFERENCE STATIONS DURING THE MONTH OF MARCH, 2016, AND ARE BASED ON THE ILLINOIS COORDINATE SYSTEM, WEST ZONE AND THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88). GROUND COORDINATES SHOWN ON THIS DRAWING CAN BE CONVERTED TO GRID COORDINATES BY SCALING AROUND POINT NUMBER 11 USING THE FACTOR FOUND ON NGS DATA SHEET, PID JB1443 (0.99992265).

BM1 - 542.80 - THE NORTH BONNET BOLT OF A HYDRANT ON THE WEST SIDE OF N GREEN MOUNT ROAD EAST OF THE PARKING LOT FOR COMMERCIAL BUILDING #1171 N GREEN MOUNT ROAD.

BM2 - 540.37 - THE EAST BONNET BOLT OF A HYDRANT ON THE SOUTH SIDE OF CENTRAL PARK DRIVE SOUTH OF THE DRIVE ENTRANCE TO DRURY INN AND SUITES #1118 CENTRAL PARK DRIVE.

LIST OF UTILITIES

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (800-892-0123) OR FOR NON-MEMBER, THE UTILITY COMPANY DIRECTLY.

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

DORIAN KENNEDY
AT&T
(618) 624-4561
(309) 679-7610 (MOBILE)
DK9468@ATT.COM

KENNETH KELEHER
AIC
1050 WEST BOULEVARD
BELLEVILLE, IL 62221
618-236-6242
618-530-0125 (MOBILE)
KKELEHER@AMEREN.COM

LISA WARD
CHARTER COMMUNICATIONS
(636) 387-6633
LISA.WARD@CHARTER.COM

WAYNE SPENCER
AMEREN
(618) 236-6203
(618) 365-0315 (MOBILE)
(618) 234-4922 (FAX)
WSPENCER@AMEREN.COM

JEFF BEVIRT
CASEYVILLE TOWNSHIP SEWER
(618) 632-2414
(618) 304-2518 (MOBILE)
JBEVIRT@CTWASTEWATER.ORG

PROPOSED LEGEND

- EX - EXISTING
PR - PROPOSED
UIP - USE IN PLACE
ATG - ADJUST TO GRADE
TBR - TO BE REMOVED
TBR&R - TO BE REMOVED AND RELOCATED
--- CONSTRUCTED BY OTHER

----- GRADING LIMIT

[Symbol] - PR PCC ITEM

[Symbol] - PR 8" NON-REINFORCED PCC PAVEMENT

[Symbol] - PR 9" PCC PAVEMENT W/ PAV'T FABRIC & LIME MODIFIED SOIL

[Symbol] - PR HMA SHOULDER

REMOVAL LEGEND

- EX - EXISTING
PR - PROPOSED
ATG - ADJUST TO GRADE
TBR - TO BE REMOVED
TBR&R - TO BE REMOVED AND RELOCATED

----- GRADING LIMITS

[Symbol] - SIDEWALK/MEDIAN/MISC REMOVAL

[Symbol] - HMA SHOULDER REMOVAL

[Symbol] - PCC PAV'T &/OR PCC SHOULDER REMOVAL

X - EX ITEM TBR

⊗ - EX ITEM TBR&R

○ - EX ITEM ATG

EROSION CONTROL PLAN LEGEND

▲▲▲ SILT FENCE

[Symbol] TEMPORARY INLET CHECK

[Symbol] AREA TO BE TEMP./PERM. FERTILIZED/MULCHED/SEEDED

ADA DETAILS LEGEND

[Symbol] - 1.5% FLAT AREA

[Symbol] - 5' TURNING AREA

[Symbol] - CONTROLLING RAMP
[Symbol] MAX 1:12

[Symbol] - NON-CONTROLLING RAMP
[Symbol] VARIABLE RAMP < 1:12

[Symbol] - SEE PROFILE

TRAFFIC CONTROL / STAGING LEGEND

[Symbol] WORK AREA

[Symbol] CONE, DRUM OR BARRICADE

[Symbol] CONE, DRUM OR BARRICADE W/ LIGHT

[Symbol] DIRECTIONAL INDICATOR BARRICADE

[Symbol] TRAFFIC CONTROL SIGN

[Symbol] OPEN LANE OF TRAFFIC

[Symbol] ARROW BOARD

----- GRADING LIMIT

PAVEMENT MARKING LEGEND

SWL - SOLID WHITE LINE
WSD - WHITE SKIP DASH
WASD - WHITE ABBREVIATED SKIP DASH

SYL - SOLID YELLOW LINE
DSY - DOUBLE SOLID YELLOW LINE

L&S - LETTER & SYMBOLS
[Symbol] - PROPOSED SIGN
[Symbol] - PROPOSED ONE WAY WHITE RRP

R/W LEGEND

----- EX ROW
----- EX ACCESS CONTROLLED ROW
----- EX PROPERTY LINE

----- PR ROW
----- PR TEMPORARY CONSTRUCTION EASEMENT (TCE)

----- GRADING LIMITS

[Symbol] - PR ROW AREA
[Symbol] - PR EASEMENT AREA

Table with 3 columns: F.A.U. RTE., SECTION, COUNTY. Row 1: 9170 15-00071-00-PV ST. CLAIR ILLINOIS. Row 2: CONTRACT NO. 97657

Corporate Engineering Certificate # 000381



CIVIL ENGINEER

DATE PREPARED 9/29/17

ROUTE STATE IL

DISTRICT SHEET NO. 8 2

COUNTY ST CLAIR

JOB NO. 024-16

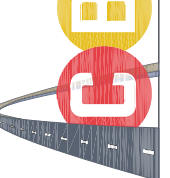
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION CITY REVISIONS DATE 12/5/17

TRANSPORTATION ENGINEERS+PLANNERS 13400 OLIVE BLVD, SUITE 430 ST. LOUIS, MO 63141 (314) 878-8644 450 COTTONWOOD RD, SUITE B GLEN CARBON, IL 62034 (618) 856-2612 www.cbtraffic.com



GENERAL NOTES & COMMITMENTS FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OFALLON, ILLINOIS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SUMMARY OF QUANTITIES				
PAY ITEM	DESCRIPTION	UNIT	TOTAL	ROADWAY
20200100	EARTH EXCAVATION	CU YDS	1105	1105
20800150	TRENCH BACKFILL	CU YDS	113.5	113.5
25000210	SEEDING, CLASS 2A	ACRES	0.5	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	<b>POUND</b>	40	40
25000500	PHOSPHORUS FERTILIZER NUTRIENT	<b>POUND</b>	40	40
25000600	POTASSIUM FERTILIZER NUTRIENT	<b>POUND</b>	40	40
25100115	MULCH, METHOD 2	ACRE	0.5	0.5
28000250	TEMPORARY EROSION CONTROL SEEDING	<b>POUND</b>	40	40
28000400	PERIMETER EROSION BARRIER	FT	1100	1100
28000500	INLET AND PIPE PROTECTION	EA	11	11
31001500	LIME	TON	<b>152</b>	<b>152</b>
31000600	PROCESSING LIME STABILIZED SOIL MIXTURE 12"	SQ YD	877	877
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	1572	1572
42000060	WOVEN WIRE REINFORCEMENT	SQ YD	854	854
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	695	695
42000400	PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	854	854
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	<b>2913</b>	<b>2913</b>
42400800	DETECTABLE WARNINGS	SQ FT	51	51
44000100	PAVEMENT REMOVAL	SQ YD	435	435
44000500	COMBINATION CURB AND GUTTER REMOVAL	FT	709	709
44000600	SIDEWALK REMOVAL	SQ FT	85	85
44004250	PAVED SHOULDER REMOVAL	SQ YD	631	631
44213206	TIE BARS 5/8"	EA	239	239
48102100	AGGREGATE WEDGE SHOULDER T-B	TON	6	6
48203033	HOT-MIX ASPHALT SHOULDERS, 9"	SQ YD	463	463
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EA	1	1
54248510	CONCRETE COLLAR	CU YDS	2	2
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FT	24	24
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FT	39	39
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FT	110	110
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FT	20	20
55100900	STORM SEWER REMOVAL 18"	FT	31	31
55101200	STORM SEWER REMOVAL 24"	FT	17	17
55101400	STORM SEWER REMOVAL 30"	FT	32	32
55101600	STORM SEWER REMOVAL 36"	FT	19	19
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FT	420	420
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EA	1	1
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EA	7	7
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EA	1	1
60500060	REMOVING INLETS	EA	2	2
60500040	REMOVING MANHOLES	EA	1	1
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FT	35	35
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FT	948	948
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	546	546
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1

SUMMARY OF QUANTITIES				
PAY ITEM	DESCRIPTION	UNIT	TOTAL	ROADWAY
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	344	344
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3509	3509
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	281	281
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	893	893
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1990	1990
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	291	291
72000100	SIGN PANEL - TYPE 1	SQ FT	59.3	59.3
72000200	SIGN PANEL - TYPE 2	SQ FT	16	16
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	16	16
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EA	2	2
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	16	16
72800100	TELESCOPING STEEL SIGN SUPPORT	FT	109.5	109.5
73000100	WOOD SIGN SUPPORT	FT	11	11
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EA	2	2
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	344	344
78001110	PAINT PAVEMENT MARKING - LINE 4"	FT	3509	3509
78001130	PAINT PAVEMENT MARKING - LINE 6"	FT	281	281
78001140	PAINT PAVEMENT MARKING - LINE 8"	FT	893	893
78001150	PAINT PAVEMENT MARKING - LINE 12"	FT	1990	1990
78001180	PAINT PAVEMENT MARKING - LINE 24"	FT	291	291
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EA	13	13
78200020	CURB REFLECTORS	EA	21	21
80300100	LOCATING UNDERGROUND CABLE	FT	1030	1030
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1	1
81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	222	222
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	110	110
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	345	345
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	92	92
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	226	226
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	84	84
81400100	HANDHOLE	EACH	2	2
81400300	DOUBLE HANDHOLE	EACH	2	2
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5	5
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	557	557
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	592	592
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4555	4555
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1368	1368
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4549	4549
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3C	FOOT	228	228
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	592	592
87601100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	2	2
87700250	STEEL MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1	1
87700408	STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.	EACH	1	1

SUMMARY OF QUANTITIES				
PAY ITEM	DESCRIPTION	UNIT	TOTAL	ROADWAY
87700414	STEEL MAST ARM ASSEMBLY AND POLE, 66 FT.	EACH	1	1
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13	13
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	46	46
87900200	DRILL EXISTING HANDHOLE	EACH	4	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	11	11
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1	1
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	1
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1	1
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2	2
88040310	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED	EACH	1	1
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	13	13
88500100	INDUCTIVE LOOP DETECTOR	EACH	13	13
88600100	DETECTOR LOOP, TYPE I	FOOT	5401	5401
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4	4
89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT - INTERSECTION	EACH	1	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - INTERSECTION	EACH	1	1
Z0033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	2	2
X0322936	REMOVE EXISTING FLARED END SECTION	EA	1	1
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	6799	6799
X6650202	WOVEN WIRE FENCE REMOVAL	FT	19	19
XX005431	LOCATING UNDERGROUND UTILITY	EA	5	5
20013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0036200	PAINT CURB	FOOT	107	107

# Z0076600 TRAINEES | HOUR | 500  
# Z0076604 TRAINEES TRAINING PROGRAM GRADUATE | HOUR | 500

# 0042  
Δ SPECIALTY ITEMS

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO.	97657



CIVIL ENGINEER  
DATE PREPARED: 12/8/17  
ROUTE: 8 STATE: IL  
DISTRICT: 8 SHEET NO.: 3  
COUNTY: ST. CLAIR  
JOB NO.: 024-16  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

DATE	DESCRIPTION	CITY REVISIONS	DOT REVISIONS
12/14/17			
1/22/18			

**TRANSPORTATION ENGINEERS+PLANNERS**  
12400 OLIVE BLVD., SUITE 430  
ST. LOUIS, MO 63141  
(314) 976-8664  
460 COTTONWOOD RD., SUITE B  
GLENDALE, IL 60134  
(616) 856-8812  
www.cdbtraffic.com

**SUMMARY OF QUANTITIES**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE O'FALLON, ILLINOIS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
4

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

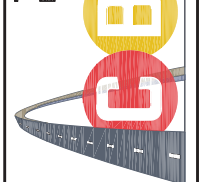
PROJECT NO.

BRIDGE NO.

DESCRIPTION

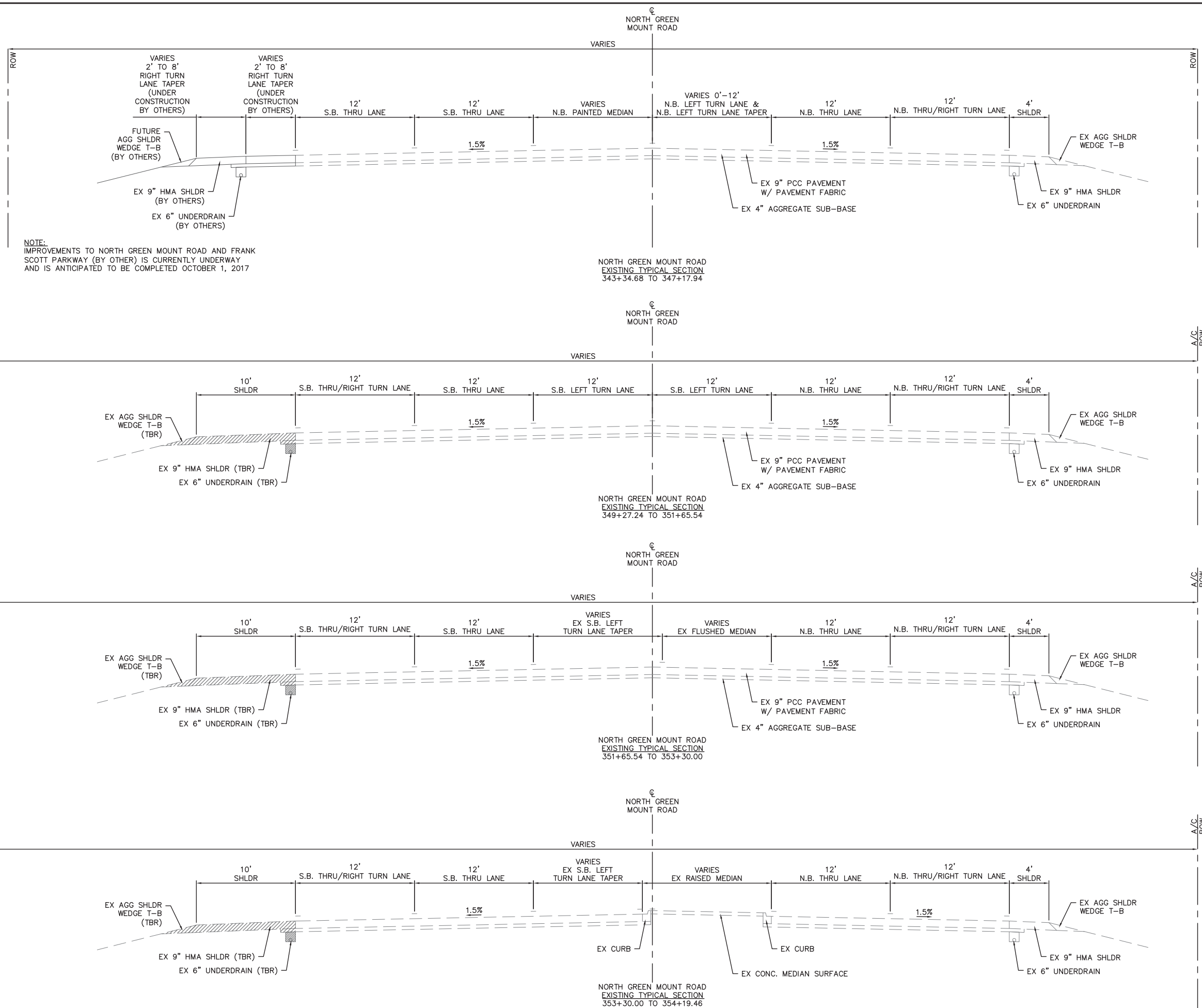
DATE

**TRANSPORTATION  
ENGINEERS+PLANNERS**  
12400 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 877-6644  
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GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com



**TYPICAL SECTIONS**  
**FAU 9170 (NORTH GREEN  
MOUNT ROAD)  
& CENTRAL PARK DRIVE**  
**OF FALLON, ILLINOIS**

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	



NOTE:  
IMPROVEMENTS TO NORTH GREEN MOUNT ROAD AND FRANK SCOTT PARKWAY (BY OTHER) IS CURRENTLY UNDERWAY AND IS ANTICIPATED TO BE COMPLETED OCTOBER 1, 2017



CIVIL ENGINEER

DATE PREPARED

9/29/17

ROUTE STATE

8 IL

DISTRICT SHEET NO.

5

COUNTY

ST CLAIR

JOB NO.

024-16

CONTRACT ID.

PROJECT NO.

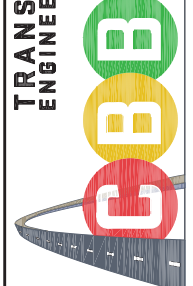
BRIDGE NO.

DESCRIPTION

DATE

**TRANSPORTATION  
ENGINEERS+PLANNERS**

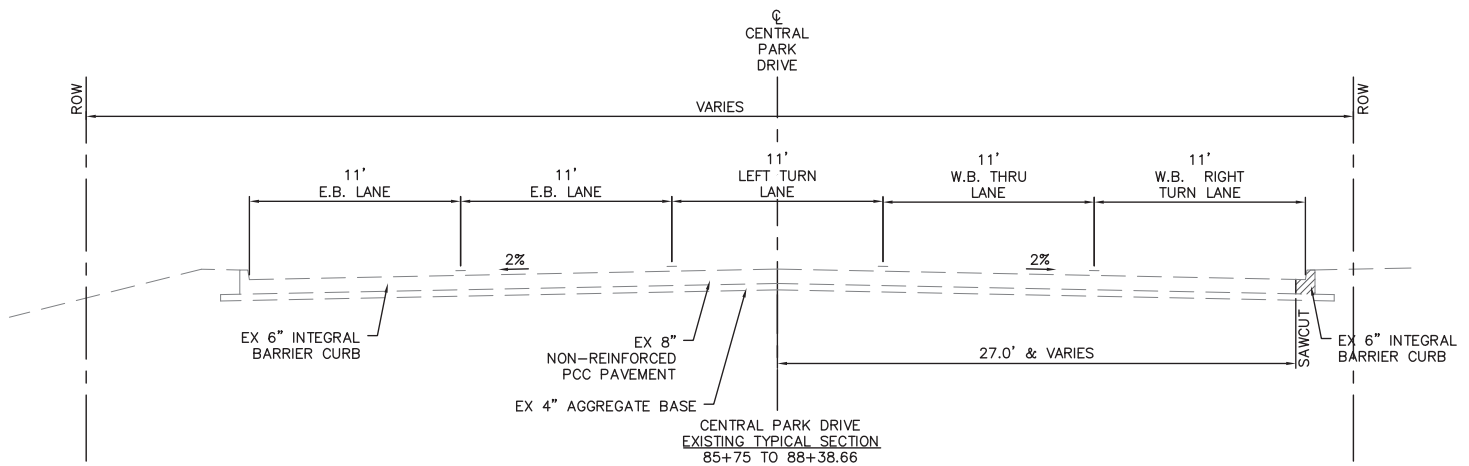
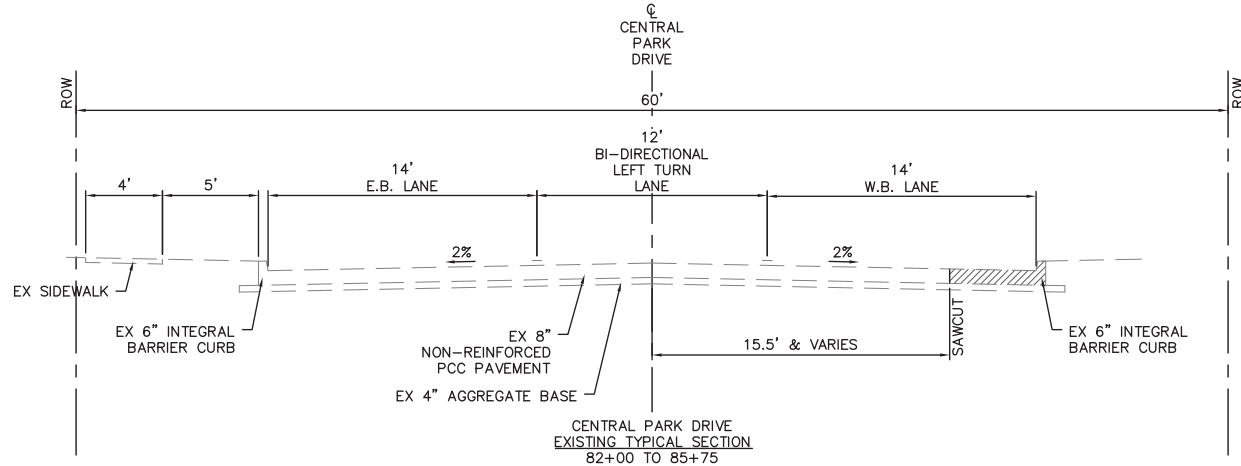
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**TYPICAL SECTIONS**

**FAU 9170 (NORTH GREEN  
MOUNT ROAD)  
& CENTRAL PARK DRIVE  
OFALLON, ILLINOIS**

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	





CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE  
IL

DISTRICT  
8

SHEET NO.  
6

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

CITY REVISIONS

DATE  
12/5/17

DESCRIPTION

CITY REVISIONS

DATE

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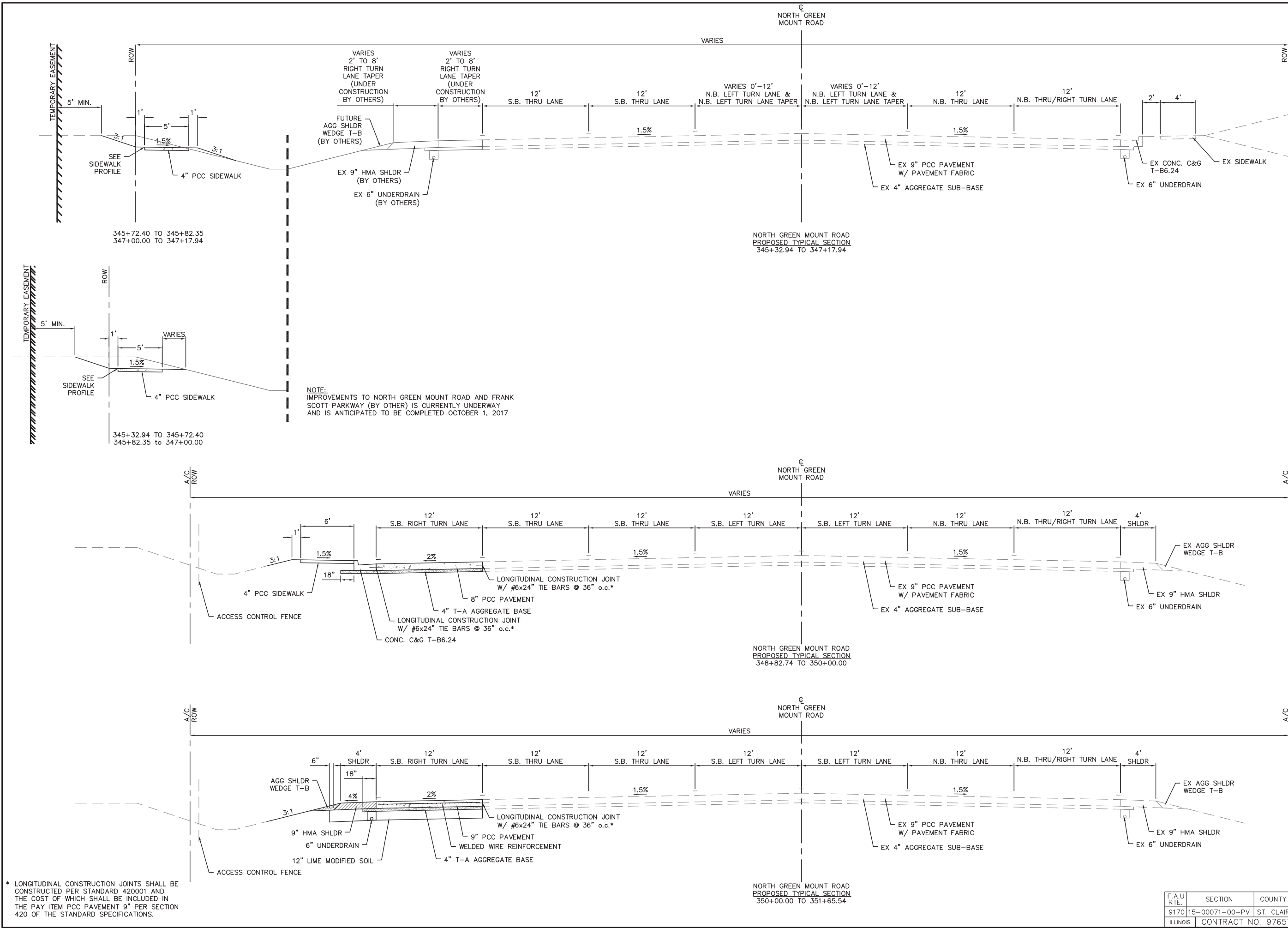
CITY REVISIONS

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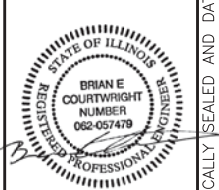


**TYPICAL SECTIONS**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS



\* LONGITUDINAL CONSTRUCTION JOINTS SHALL BE CONSTRUCTED PER STANDARD 420001 AND THE COST OF WHICH SHALL BE INCLUDED IN THE PAY ITEM PCC PAVEMENT 9" PER SECTION 420 OF THE STANDARD SPECIFICATIONS.

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	



CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
7

COUNTY  
ST. CLAIR

JOB NO.  
024-16

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DESCRIPTION

CITY REVISIONS

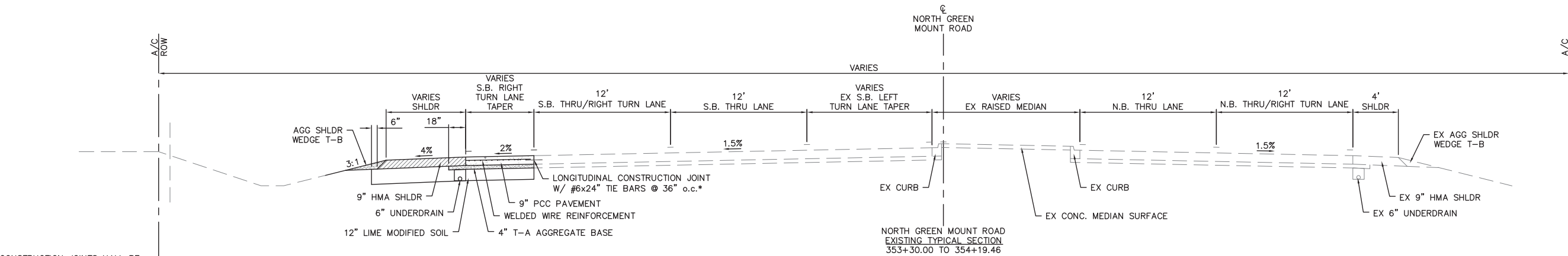
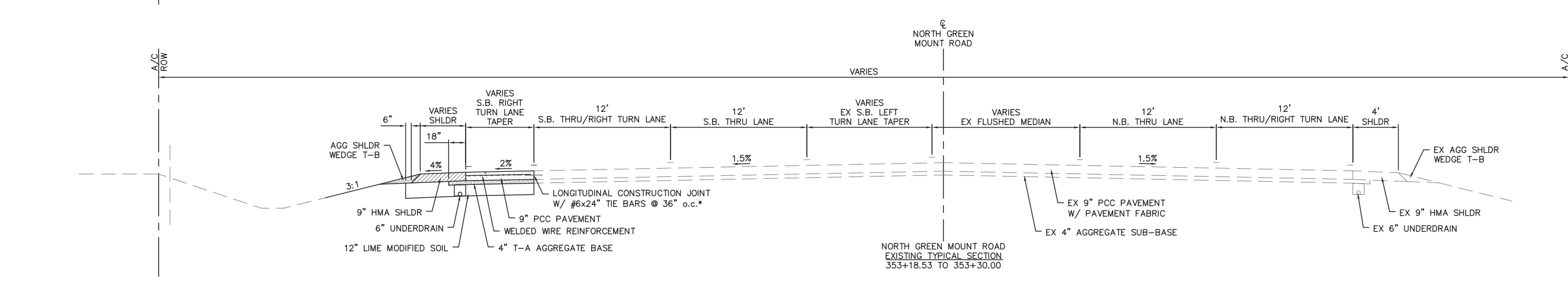
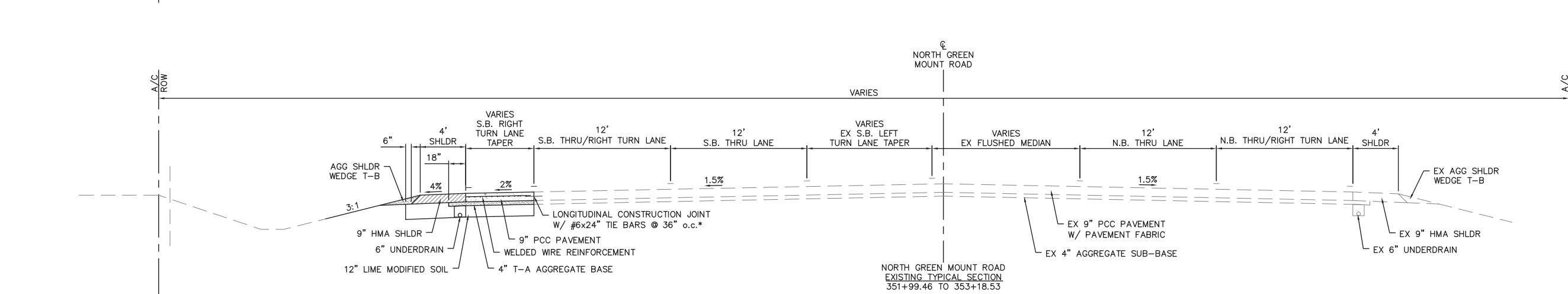
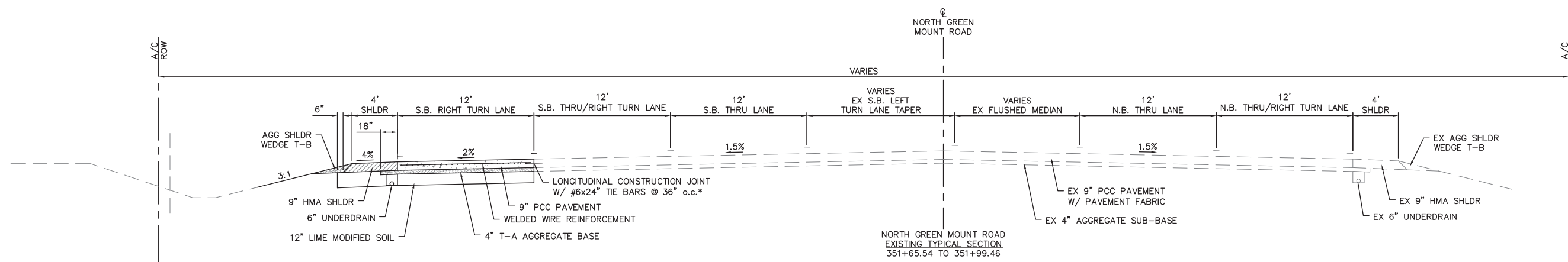
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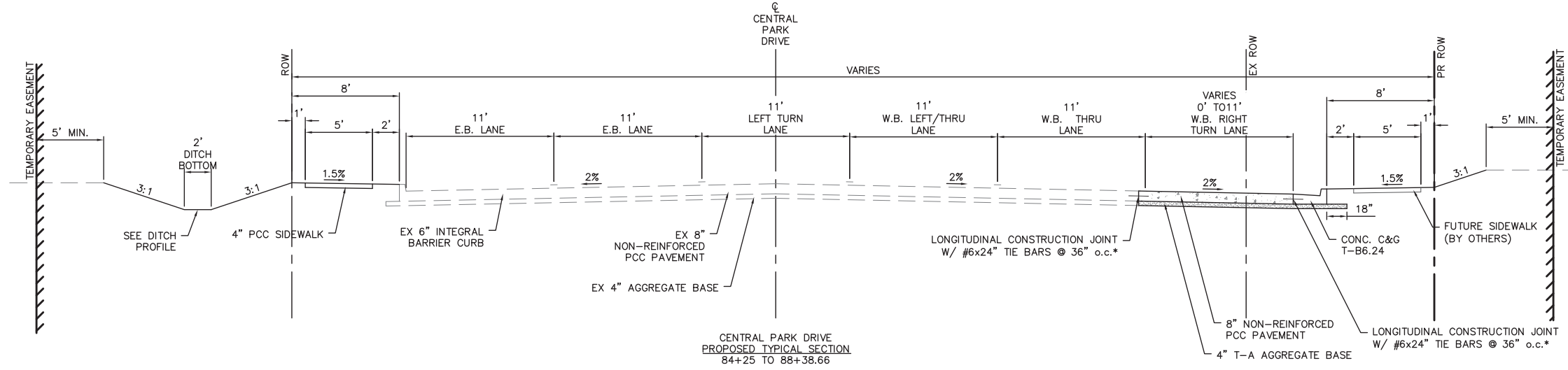
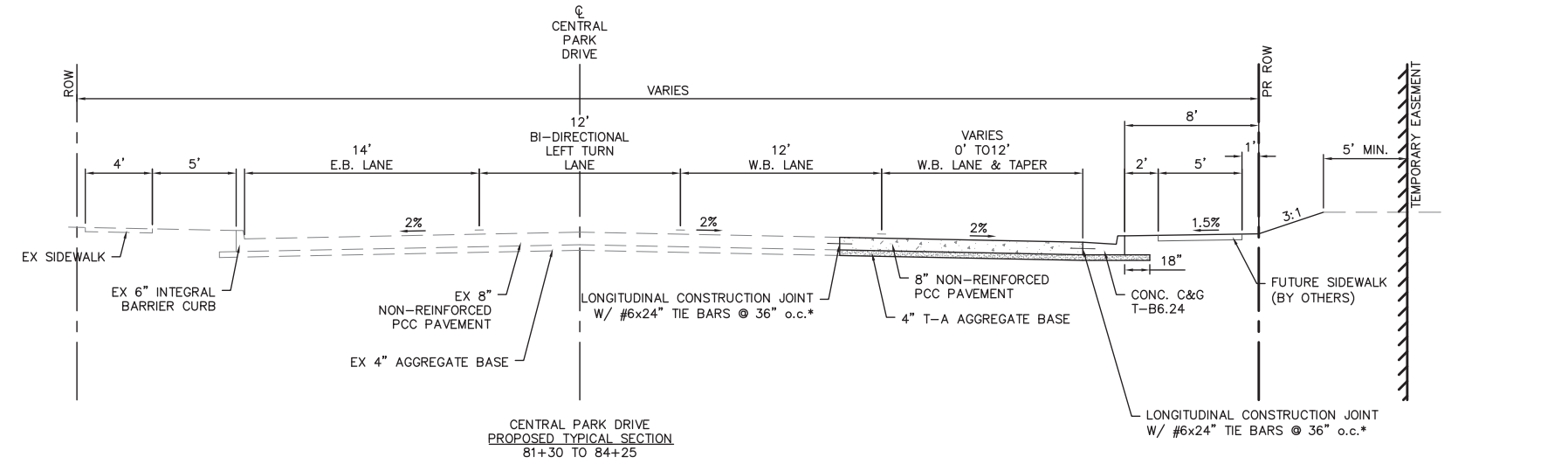


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F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

**TYPICAL SECTIONS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**

\* LONGITUDINAL CONSTRUCTION JOINTS SHALL BE CONSTRUCTED PER STANDARD 420001 AND THE COST OF WHICH SHALL BE INCLUDED IN THE PAY ITEM PCC PAVEMENT 9" PER SECTION 420 OF THE STANDARD SPECIFICATIONS.



Corporate Engineering Certificate # 000381



CIVIL ENGINEER  
 DATE PREPARED 9/29/17  
 ROUTE STATE IL  
 DISTRICT 8 SHEET NO. 8  
 COUNTY ST CLAIR  
 JOB NO. 024-16  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION
12/5/17	CITY REVISIONS

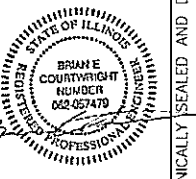
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**TYPICAL SECTIONS**  
 FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





CIVIL ENGINEER

DATE PREPARED 12/8/17

ROUTE STATE IL

DISTRICT SHEET NO. 8 9

COUNTY ST. CLAIR

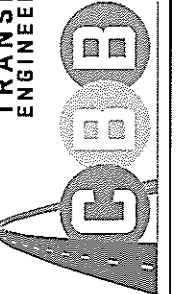
JOB NO. 024-16 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

Table with columns: DATE, DESCRIPTION, CITY REVISIONS, IDOT REVISIONS

TRANSPORTATION ENGINEERS+PLANNERS



SCHEDULES OF QUANTITIES FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE O'FALLON, ILLINOIS

REMOVAL SCHEDULE table with columns: LOCATION, FOR INFO ONLY, TIE BARS, COMB. C&G REMOVAL, SIDEWALK REMOVAL, PAVED SHOULDER REMOVAL, PAVEMENT REMOVAL, REMOVE EXISTING FLARED END SECTION, REMOVING INLETS, REMOVING MANHOLES, STORM SEWER REMOVAL (18", 24", 30", 36"), WOVEN WIRE FENCE REMOVAL

PAVING SCHEDULE table with columns: LOCATION, COMB. C&G T-B, HMA SHLDR, AGG. WEDGE SHLDR T-B, PIPE UNDERDR AIN, LIME, PROCESSING LIME MODIFIED SOIL MIXTURE, AGG. BASE-T-A, PCC PAV'T, WOVEN WIRE REINFORCEMENT

PEDESTRIAN ACCOMMODATIONS SCHEDULE table with columns: LOCATION, PCC SIDEWALK, COMB. C&G T-B, CONCRETE MEDIUM SURFACE, DETECTABLE WARNINGS

PAVEMENT MARKING SCHEDULE table with columns: LOCATION, PAINT PAVEMENT MARKING LINES (4", 12", AWSD, WSD, SWL), PAINT PAVEMENT MARKING LETTERS & SYMBOLS (LEFT, RIGHT, THRU, THRU/LEFT, THRU/RIGHT), RRPM WHITE ONE-WAY

PAVEMENT MARKING REMOVAL - WATER BLASTING SCHEDULE table with columns: LOCATION, PAVEMENT MARKING REMOVAL LINES (4", 12", AWSD, WSD, SWL), PAVEMENT MARKING REMOVAL LETTERS & SYMBOLS (LEFT, RIGHT, THRU, THRU/RIGHT), TEMPORARY PAVEMENT MARKING REMOVAL

TEMPORARY PAVEMENT MARKING table with columns: LETTERS & SYMBOLS, LINES (4", 6", 8", 12", 24"), TEMP PAV'T MRK REMOVAL - WATER BLASTING

ISLAND MARKING SCHEDULE table with columns: CURB REFLECTORS (WHITE), PAINT CURB (WHITE)

STA to STA	EARTHWORK			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
	UNADJUSTED EXCAVATION (CU YD)	ADJUSTED FOR 25% SHINKAGE (CU YD)	COMPACTING EMBANKMENT (CU YD)	
<b>Greenmount Road</b>				
345+50.00 to 346+00.00	6.2	4.7	2.7	2.0
346+00.00 to 346+50.00	9.2	6.9	0.0	6.9
346+50.00 to 347+00.00	7.5	5.6	0.0	5.6
347+00.00 to 347+50.00	12.0	9.0	56.8	-47.8
347+50.00 to 348+00.00	50.1	37.6	50.5	-52.9
348+00.00 to 349+00.00	0.0	0.0	0.0	0.0
349+00.00 to 350+00.00	21.4	16.1	151.2	-135.1
350+00.00 to 350+50.00	31.3	23.5	95.4	-71.9
350+50.00 to 351+00.00	43.9	32.9	32.0	0.9
351+00.00 to 351+50.00	43.9	32.9	28.4	4.5
351+50.00 to 352+00.00	44.4	33.3	26.1	7.2
352+00.00 to 352+50.00	42.3	31.7	14.4	17.3
352+50.00 to 353+00.00	35.6	26.7	4.8	21.9
353+00.00 to 353+50.00	28.5	21.4	3.6	17.8
353+50.00 to 354+00.00	23.5	17.6	0.1	17.5
354+00.00 to 354+50.00	10.8	8.1	0.0	8.1
<b>Central Park Drive (RT)</b>				
82+00.00 to 82+50.00	57.1	42.8	0.0	-42.8
82+50.00 to 83+00.00	44.0	33.0	0.0	33.0
83+00.00 to 83+50.00	27.3	20.5	0.0	20.5
83+50.00 to 84+00.00	32.2	24.2	0.0	24.2
84+00.00 to 84+50.00	40.5	30.4	0.0	30.4
84+50.00 to 85+00.00	48.5	36.9	0.0	36.9
85+00.00 to 85+50.00	43.3	32.5	0.9	31.6
85+50.00 to 86+00.00	36.2	27.2	7.5	16.7
86+00.00 to 86+50.00	31.8	23.9	18.0	7.9
86+50.00 to 87+00.00	31.0	23.3	19.7	3.6
<b>Central Park Drive (LT)</b>				
85+00.00 to 85+50.00	5.8	4.4	1.4	3.0
85+50.00 to 86+00.00	7.4	5.6	2.8	2.8
86+00.00 to 86+50.00	7.0	5.3	5.3	0.0
86+50.00 to 87+00.00	8.3	6.2	2.7	3.5
<b>TOTAL =</b>	<b>1101.9</b>	<b>826.8</b>	<b>671.7</b>	<b>155.1</b>

EROSION CONTROL SCHEDULE										
LOCATION	TEMP EROSION CONTROL SEEDING (P POUND)	NITROGEN FERT. NUTRIENT (P POUND)	PHOSPHORUS FERT. NUTRIENT (P POUND)	POTASSIUM FERT. NUTRIENT (P POUND)	SEEDING, CLASS 2A (AC)	MULCH, METHOD 2 (AC)	PERM. EROSION BARRIER (FT)	INLET & PIPE PROTECTION (EA)		
<b>GREEN MOUNT ROAD</b>										
345+33.05 to 347+00.00	3	2.7	2.7	2.7	0.03	0.03	204			
<b>GREEN MOUNT ROAD &amp; CENTRAL PARK DRIVE INTERSECTION</b>										
SW QUAD	6	5.4	5.4	5.4	0.06	0.06		2		
NW QUAD	5	4.5	4.5	4.5	0.05	0.05	39	3		
349+64.06 to 350+00.00	8	7.2	7.2	7.2	0.08	0.08	468			
<b>CENTRAL PARK DRIVE</b>										
82+00.00 to 87+06.58 RT	12	10.8	10.8	10.8	0.12	0.12	389	2		
84+60.00 to 87+06.58 LT	4	3.6	3.6	3.6	0.04	0.04		4		
<b>TOTAL =</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>0.5</b>	<b>0.5</b>	<b>1100</b>	<b>11</b>		

STORM SEWER SCHEDULE										
LOCATION	PCC FES 30" (EA)	MH T-A'S TYPE 1 CLOSED LID (EA)	MH ATG W/TYPE 1 CLOSED LID (EA)	INLET TYPE A W/24" F&G (EA)	18" (FT)	24" (FT)	30" (FT)	36" (FT)	TRENCH BACKFILL (CU YD)	CONC. COLLAR (CU YD)
<b>BRANCH A</b>										
FES to A1	1	1							97	35.0
A2			1							
<b>BRANCH B</b>										
B1 to B2				2					13	16.9
<b>BRANCH C</b>										
C1 to C2				1	12				4.7	1
C3 to B3				1	12				11.8	
<b>BRANCH D</b>										
D1 to D2				1		39			24.6	1
<b>BRANCH E</b>										
E1 to E2				2					20	20.5
<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>24</b>	<b>39</b>	<b>110</b>	<b>20</b>	<b>113.5</b>	<b>2</b>

MISC PAY ITEMS SCHEDULE		
DESCRIPTION	QUANTITY	UNIT
MOBILIZATION	1	L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	1	L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	1	L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	1	L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	1	L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	1	L SUM
CONSTRUCTION LAYOUT	1	L SUM

SIGN SCHEDULE									
LOCATION	REMOVE EX SIGN PANEL TYPE 2 (SQ FT)	RELOCATE EX SIGN PANEL TYPE 1 (SQ FT)	RELOCATE EX SIGN ASSEMBLY TYPE B (EA)	SIGN PANEL		WOOD SIGN SUPPORT (FT)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EA)	DESCRIPTION
	TYPE 1 (SQ FT)	TYPE 2 (SQ FT)	TYPE 1 (SQ FT)	TYPE 2 (SQ FT)					
<b>GREEN MOUNT ROAD</b>									
350+01.00 54.00 LT		2.5					10.5		BUS STOP
351+65.85 60.00 LT			1				23		LANE DE SIGNATION ARROWS AND LOGO
352+77.01 53.46 LT			1				10.5		LOGO SIGNS
353+18.28 51.77 LT		5					11		SPEED LIMIT 40
<b>CENTRAL PARK DRIVE</b>									
80+50.00 25.28 RT				5			9		SPEED LIMIT 30
83+20.83 28.00 RT		2.5					6.5		BUS STOP
84+65.15 29.15 RT	16								STOP AHEAD
84+63.15 36.12 RT					16	11			SIGNAL AHEAD
85+25.65 35.06 LT		6					10		SPEED LIMIT 25 IN CITY LIMITS & NO PARKING
86+90.50 39.30 LT				5			9		SPEED LIMIT 30
<b>GREEN MOUNT ROAD &amp; CENTRAL PARK DRIVE INTERSECTION</b>									
SW QUAD				4			9	1	DOUBLE DOWN
NW QUAD				4			9	1	DOUBLE DOWN
<b>TOTAL =</b>	<b>16</b>	<b>16</b>	<b>2</b>	<b>18</b>	<b>16</b>	<b>11</b>	<b>109.5</b>	<b>2</b>	

F.A.U. RATE	SECTION	COUNTY
9170-15-00.00 -60 -PV		ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

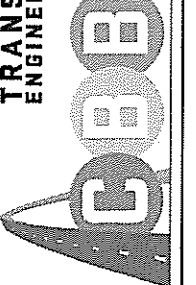
Corporal Engineering Certificate # 000381



**CIVIL ENGINEER**  
 DATE PREPARED: 9/29/17  
 ROUTE: IL  
 DISTRICT: 8  
 SHEET NO.: 10  
 COUNTY: ST. CLAIR  
 JOB NO.: 024-16  
 CONTRACT ID:  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION	CITY REVISIONS
12/5/17		

**TRANSPORTATION ENGINEERS+PLANNERS**  
 12900 OLIVE BLVD, SUITE 420  
 BLOOMINGHAM, IL 61710  
 (314) 678-6644  
 450 COTTONWOOD RD, SUITE B  
 O'FALLON, IL 62456  
 (618) 656-2812  
 www.obb.com



**SCHEDULES OF QUANTITIES**  
 FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE O'FALLON, ILLINOIS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
12

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE  
12/5/17

DESCRIPTION  
CITY REVISIONS

DATE

DESCRIPTION

DATE

DESCRIPTION

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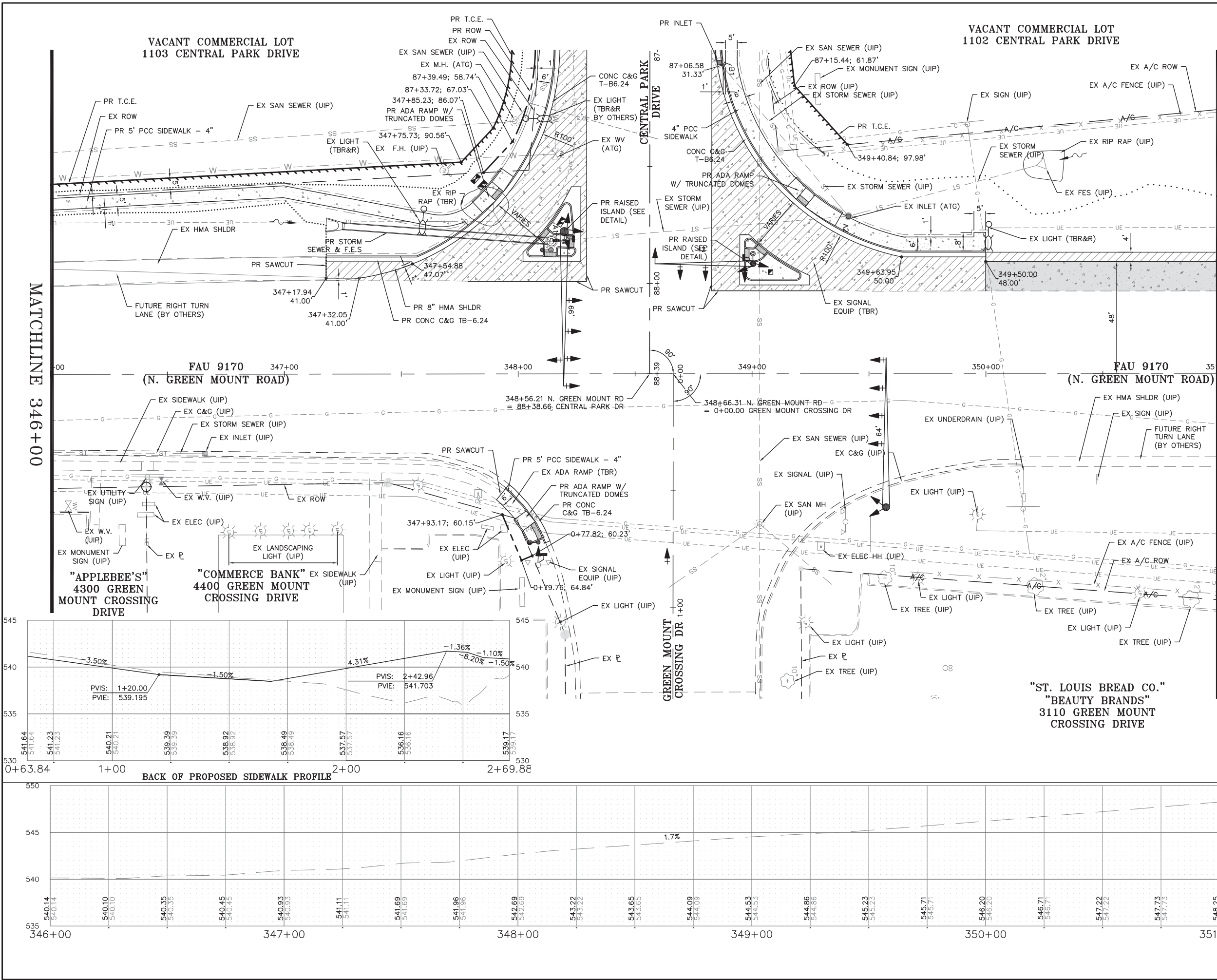
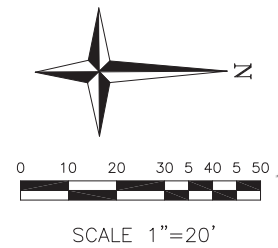
DESCRIPTION

DATE

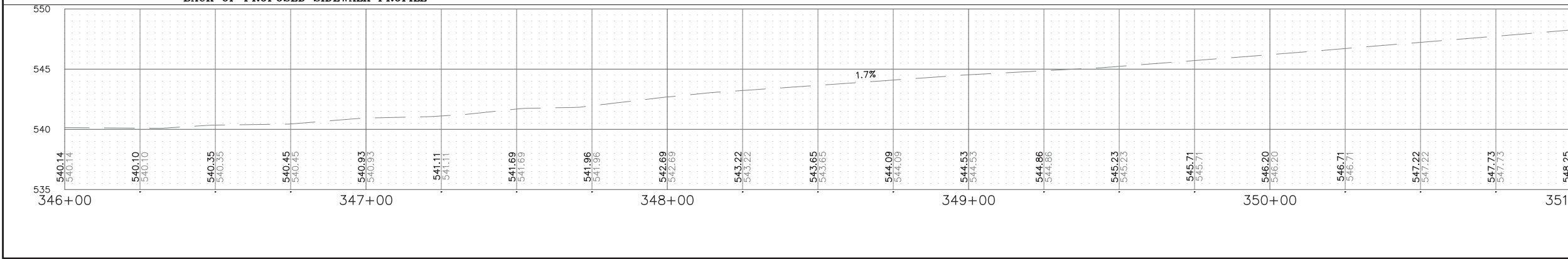
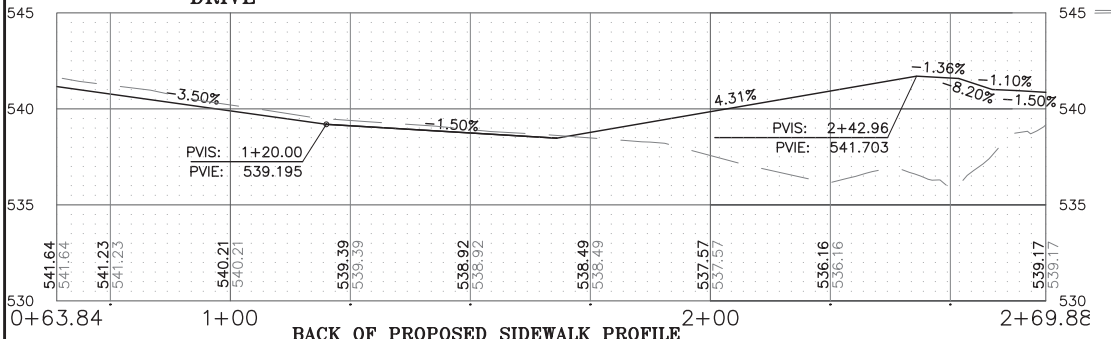
DESCRIPTION

DATE

DESCRIPTION



- PROPOSED LEGEND**
- EX - EXISTING
  - PR - PROPOSED
  - UIP - USE IN PLACE
  - ATG - ADJUST TO GRADE
  - TBR - TO BE REMOVED
  - TBR&R - TO BE REMOVED AND RELOCATED
  - CONSTRUCTED BY OTHER
  - GRADING LIMIT
  - PR PCC ITEM
  - PR 8" NON-REINFORCED PCC PAVEMENT
  - PR 9" PCC PAVEMENT W/ PAV'T FABRIC & LIME MODIFIED SOIL
  - PR HMA SHOULDER
- R/W LEGEND**
- EX ROW
  - EX ACCESS CONTROLLED ROW
  - EX PROPERTY LINE
  - PR ROW
  - PR TEMPORARY CONSTRUCTION EASEMENT (TCE)



F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

**TRANSPORTATION ENGINEERS+PLANNERS**

12409 OLIVE BLVD. SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-6644

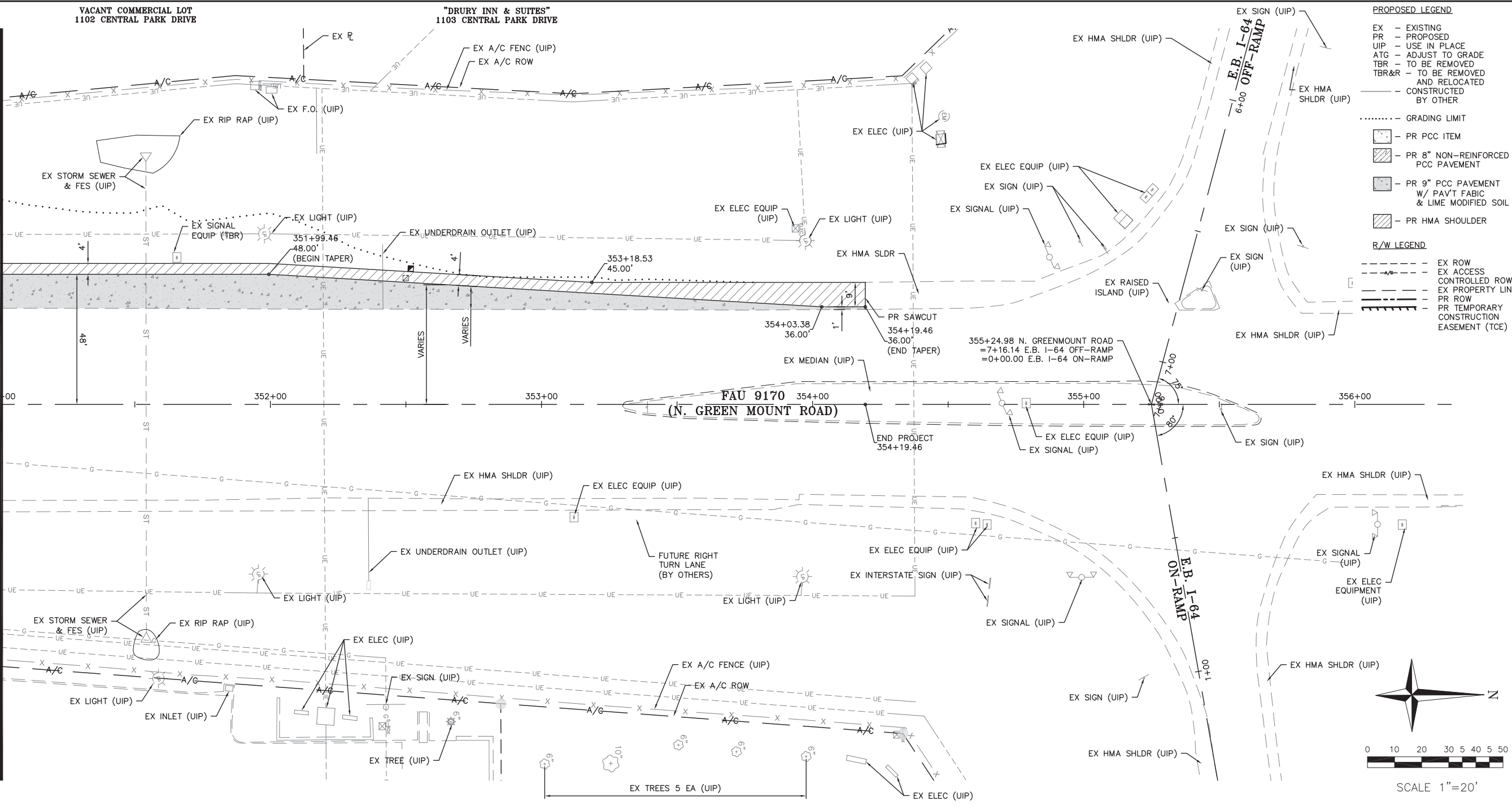
450 COTTONWOOD RD. SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtrf.com

**PLAN/PROFILE**

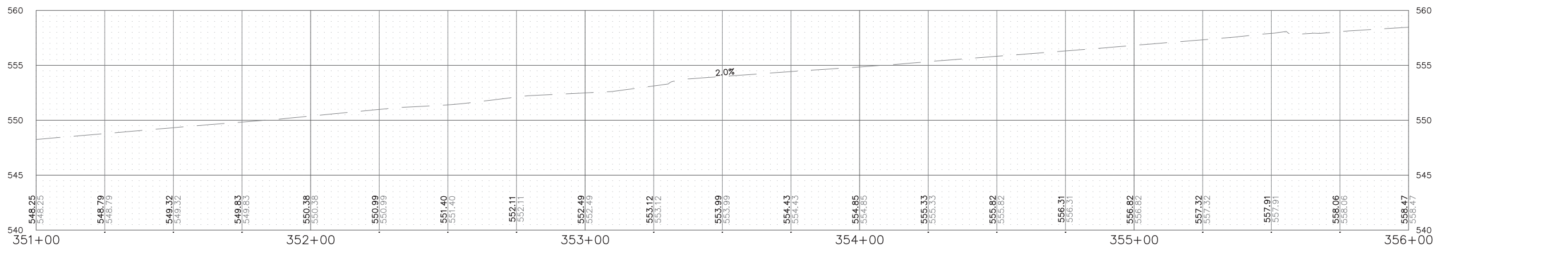
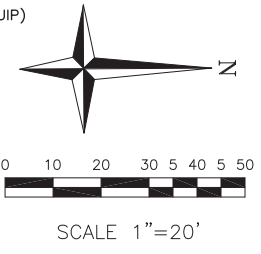
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE 351+00



- PROPOSED LEGEND**
- EX - EXISTING
  - PR - PROPOSED
  - UIP - USE IN PLACE
  - ATG - ADJUST TO GRADE
  - TBR - TO BE REMOVED
  - TBR&R - TO BE REMOVED AND RELOCATED
  - CONSTRUCTED BY OTHER
  - GRADING LIMIT
  - PR PCC ITEM
  - PR 8" NON-REINFORCED PCC PAVEMENT
  - PR 9" PCC PAVEMENT W/ PAV'T FABIC & LIME MODIFIED SOIL
  - PR HMA SHOULDER
- R/W LEGEND**
- EX ROW
  - EX ACCESS CONTROLLED ROW
  - EX PROPERTY LINE
  - PR ROW
  - PR TEMPORARY CONSTRUCTION EASEMENT (TCE)



F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

Corporate Engineering Certificate # 000381



CIVIL ENGINEER	
DATE PREPARED	9/29/17
ROUTE	STATE IL
DISTRICT	8
SHEET NO.	13
COUNTY ST. CLAIR	
JOB NO.	024-16
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

**TRANSPORTATION ENGINEERS+PLANNERS**

12409 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-8644

450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2812  
www.cbtraffic.com



**PLAN/PROFILE**

**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**

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DATE	DESCRIPTION

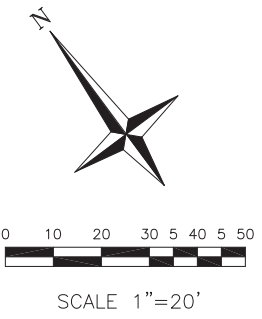
**TRANSPORTATION ENGINEERS+PLANNERS**

12409 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-6644  
450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtrane.com

**PLAN/PROFILE**

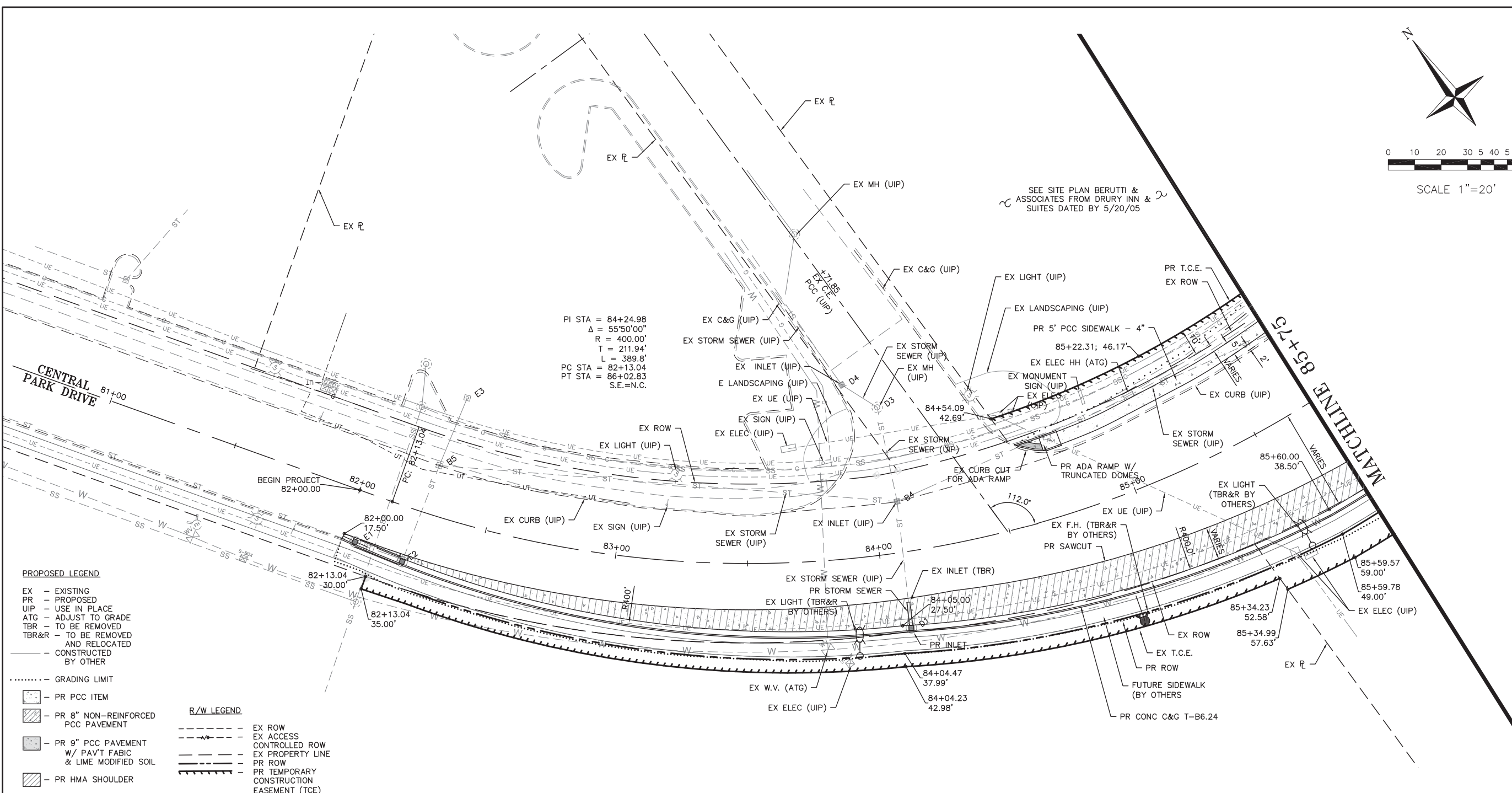
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	



SEE SITE PLAN BERUTTI & ASSOCIATES FROM DRURY INN & SUITES DATED BY 5/20/05

PI STA = 84+24.98  
Δ = 55°50'00"  
R = 400.00'  
T = 211.94'  
L = 389.8'  
PC STA = 82+13.04  
PT STA = 86+02.83  
S.E.=N.C.

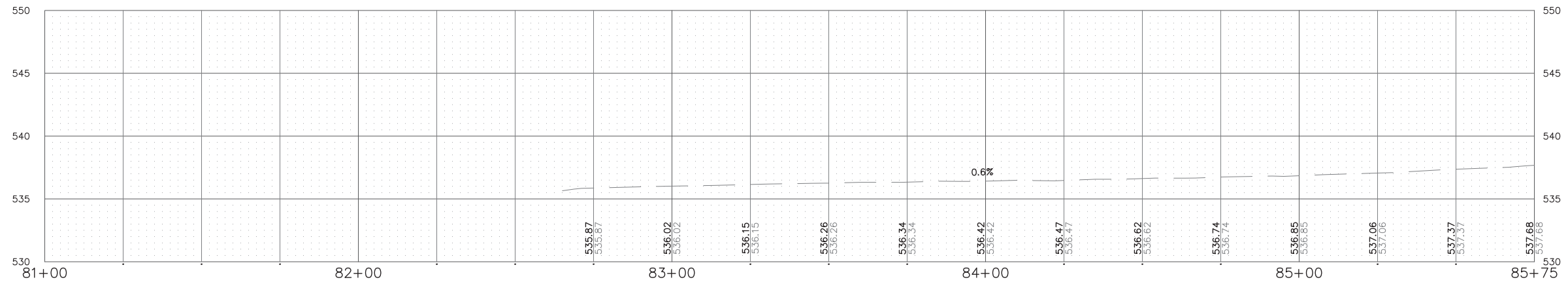


**PROPOSED LEGEND**

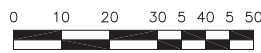
- EX - EXISTING
- PR - PROPOSED
- UIP - USE IN PLACE
- ATG - ADJUST TO GRADE
- TBR - TO BE REMOVED
- TBR&R - TO BE REMOVED AND RELOCATED
- - CONSTRUCTED BY OTHER
- ..... - GRADING LIMIT
- [Pattern] - PR PCC ITEM
- [Pattern] - PR 8" NON-REINFORCED PCC PAVEMENT
- [Pattern] - PR 9" PCC PAVEMENT W/ PAV'T FABIC & LIME MODIFIED SOIL
- [Pattern] - PR HMA SHOULDER

**R/W LEGEND**

- [Dashed] - EX ROW
- [Dashed] - EX ACCESS CONTROLLED ROW
- [Dashed] - EX PROPERTY LINE
- [Dashed] - PR ROW
- [Dashed] - PR TEMPORARY CONSTRUCTION EASEMENT (TCE)



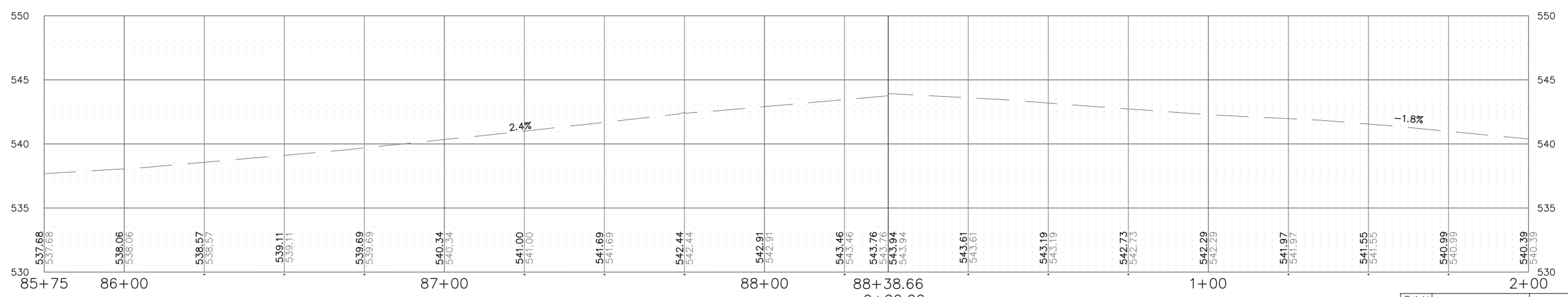
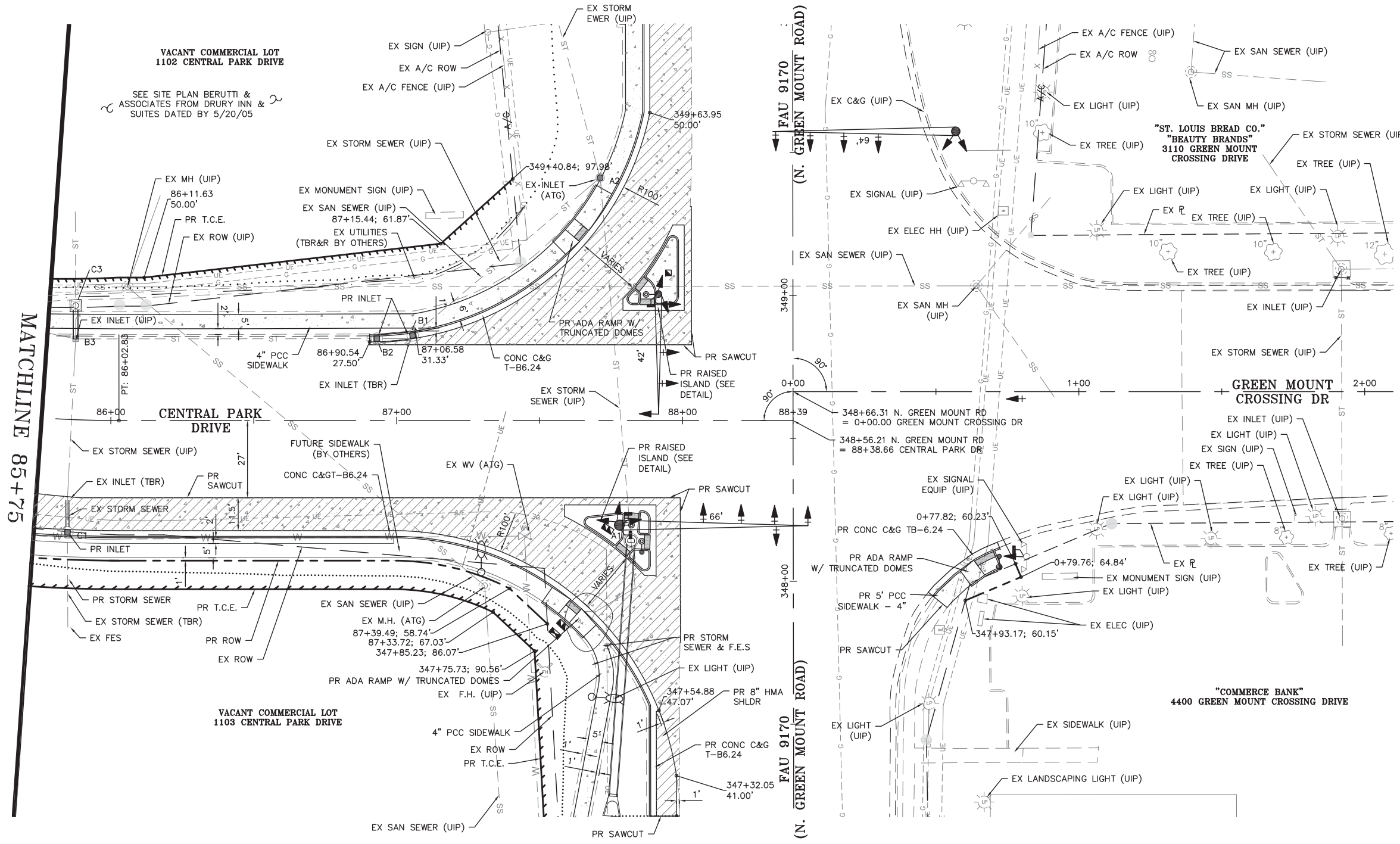
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



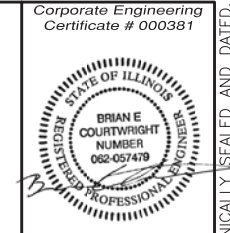
SCALE 1"=20'

MATCHLINE 85+75

- PROPOSED LEGEND**
- EX - EXISTING
  - PR - PROPOSED
  - UIP - USE IN PLACE
  - ATG - ADJUST TO GRADE
  - TBR - TO BE REMOVED
  - TBR&R - TO BE REMOVED AND RELOCATED
  - - - - - CONSTRUCTED BY OTHER
  - GRADING LIMIT
  - ▨ - PR PCC ITEM
  - ▨ - PR 8" NON-REINFORCED PCC PAVEMENT
  - ▨ - PR 9" PCC PAVEMENT W/ PAV'T FABIC & LIME MODIFIED SOIL
  - ▨ - PR HMA SHOULDER
- R/W LEGEND**
- - - - - EX ROW
  - - - - - EX ACCESS CONTROLLED ROW
  - - - - - EX PROPERTY LINE
  - - - - - PR ROW
  - - - - - PR TEMPORARY CONSTRUCTION EASEMENT (TCE)



F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	



Corporate Engineering Certificate # 000381

CIVIL ENGINEER

DATE PREPARED: 9/29/17

ROUTE: STATE IL

DISTRICT: 8 SHEET NO. 15

COUNTY: ST. CLAIR

JOB NO.: 024-16

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION
12/5/17	CITY REVISIONS

**TRANSPORTATION ENGINEERS+PLANNERS**

12409 OLIVE BLVD., SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-8644

450 COTTONWOOD RD., SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

**PLAN/PROFILE**

**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CIVIL ENGINEER

DATE PREPARED  
**9/29/17**

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
16

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

CITY REVISIONS

DATE

12/5/17

CONSTRUCTION EASEMENT (TCE)

CONSTRUCTION EASEMENT (TCE)

CONSTRUCTION EASEMENT (TCE)

CONSTRUCTION EASEMENT (TCE)

CONSTRUCTION EASEMENT (TCE)

CONSTRUCTION EASEMENT (TCE)

CONSTRUCTION EASEMENT (TCE)

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CONSTRUCTION EASEMENT (TCE)

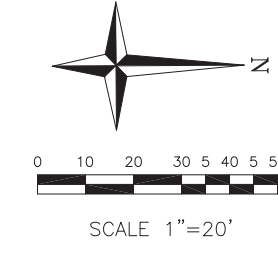
CONSTRUCTION EASEMENT (TCE)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

**TRANSPORTATION ENGINEERS+PLANNERS**  
12409 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-8644  
450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

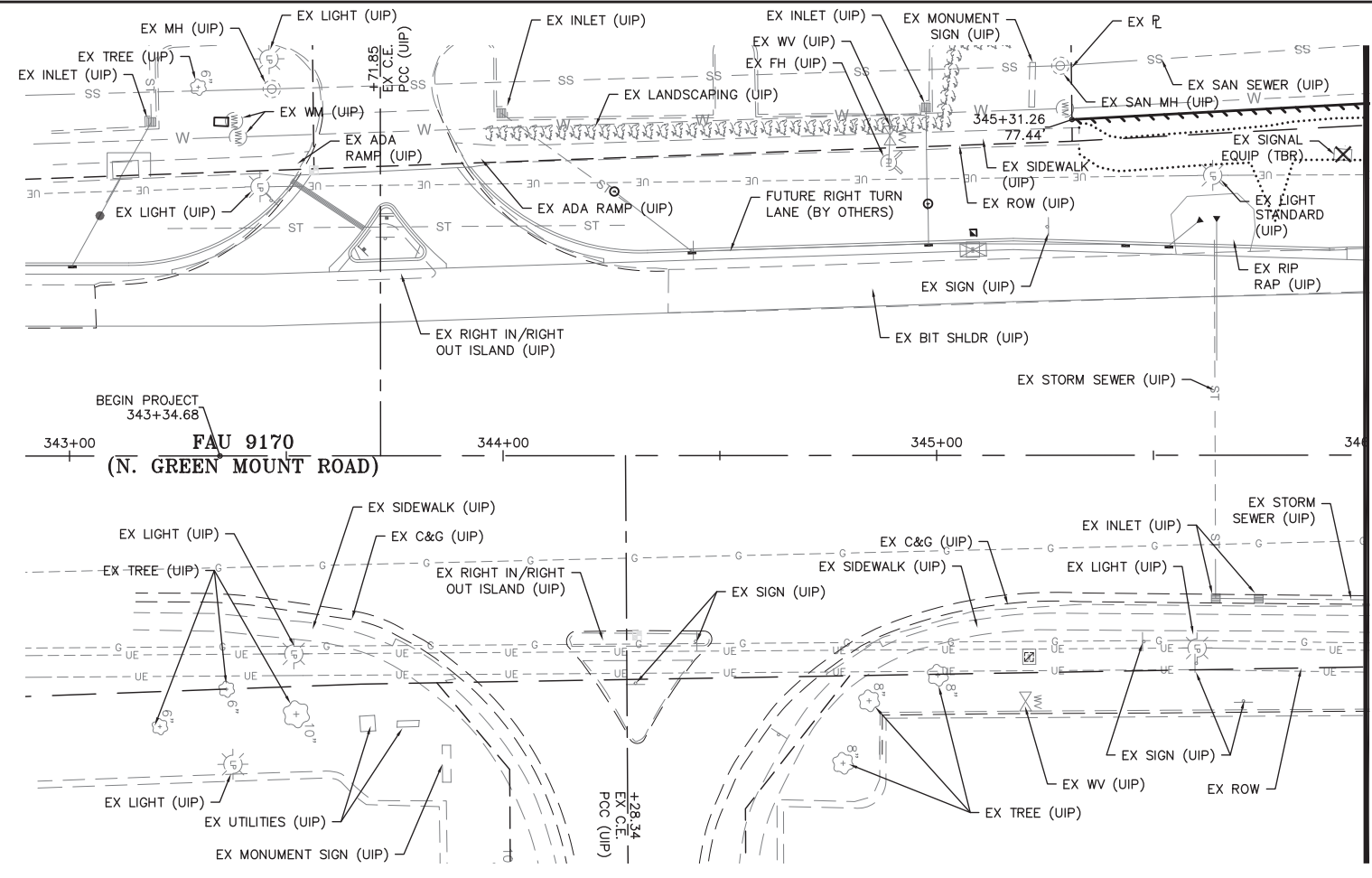


**REMOVAL PLANS**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS



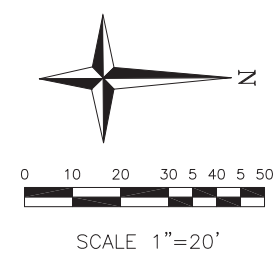
MATCHLINE 351+00

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

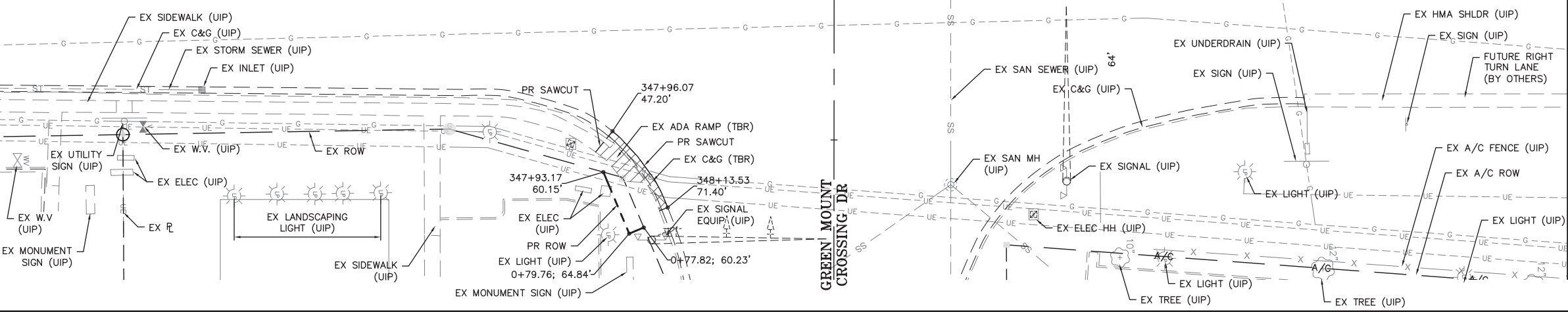
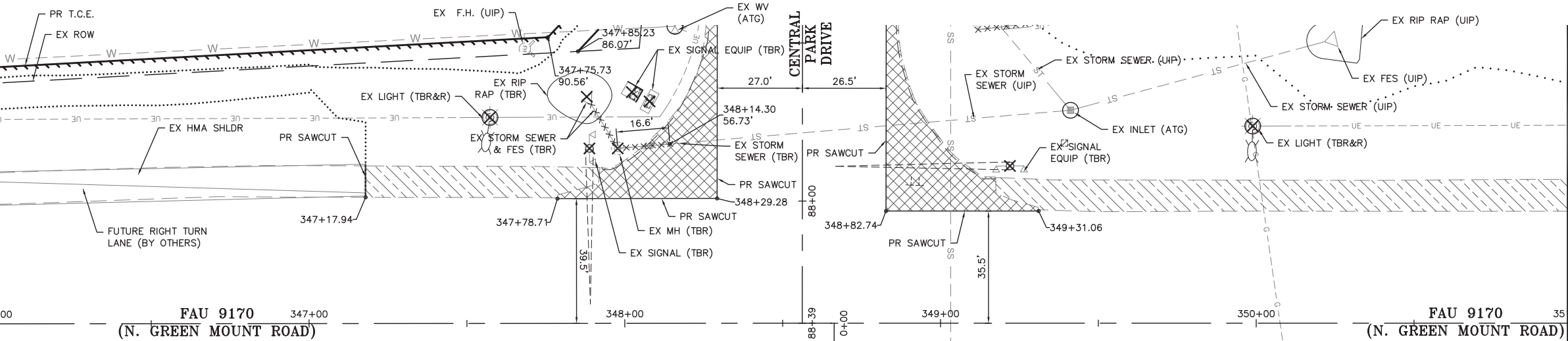
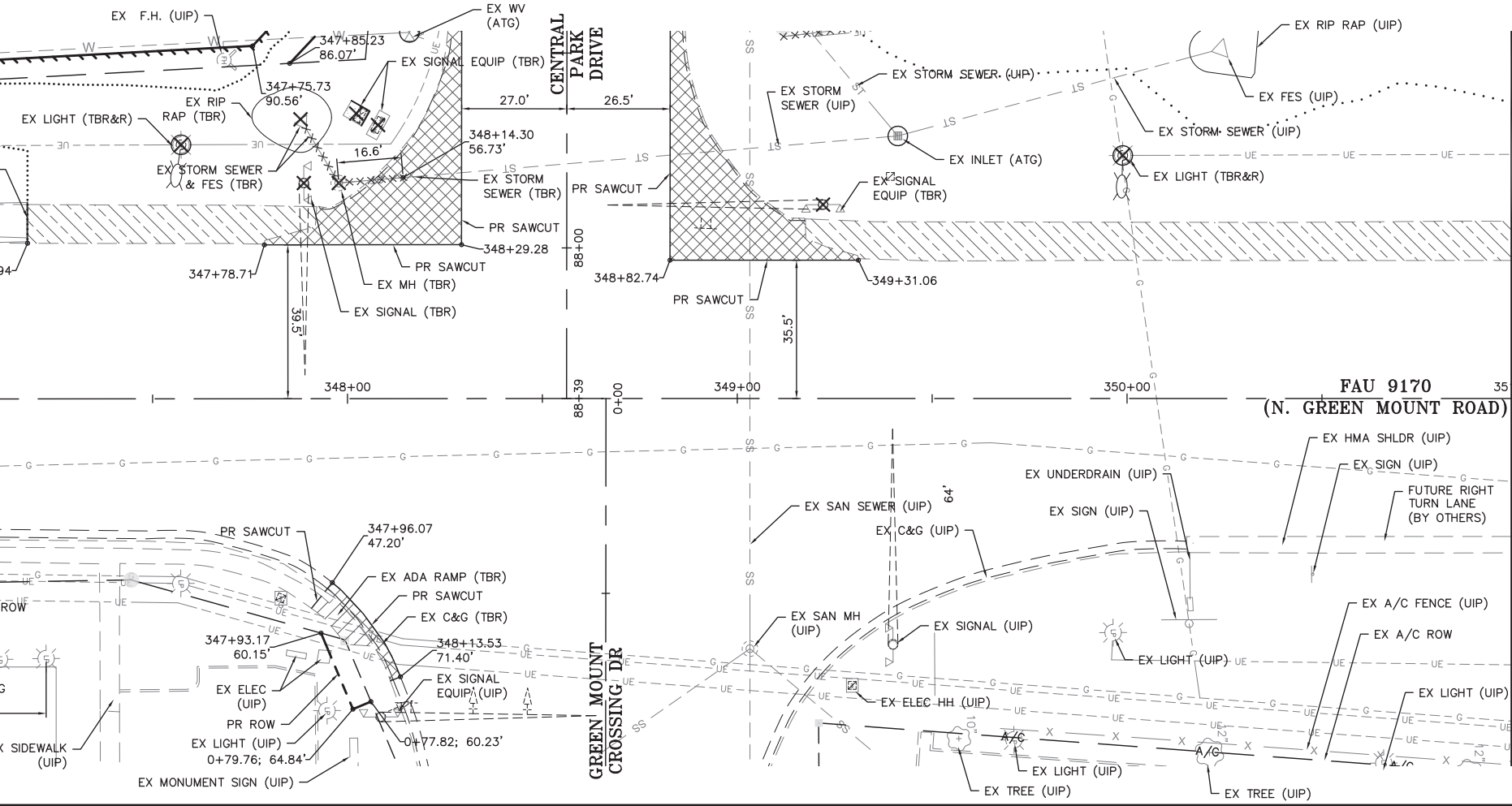


MATCHLINE 346+00

- REMOVAL LEGEND**
- EX - EXISTING
  - PR - PROPOSED
  - ATG - ADJUST TO GRADE
  - TBR - TO BE REMOVED
  - TBR&R - TO BE REMOVED AND RELOCATED
- ..... GRADING LIMITS
- [Hatched Box] - SIDEWALK/MEDIAN/MISC REMOVAL
  - [Diagonal Hatched Box] - HMA SHOULDER REMOVAL
  - [Cross-hatched Box] - PCC PAV'T &/OR PCC SHOULDER REMOVAL
  - X - EX ITEM TBR
  - ⊗ - EX ITEM TBR&R
  - - EX ITEM ATG
- R/W LEGEND**
- EX ROW
  - - - EX ACCESS CONTROLLED ROW
  - - - EX PROPERTY LINE
  - - - PR ROW
  - - - PR TEMPORARY CONSTRUCTION EASEMENT (TCE)

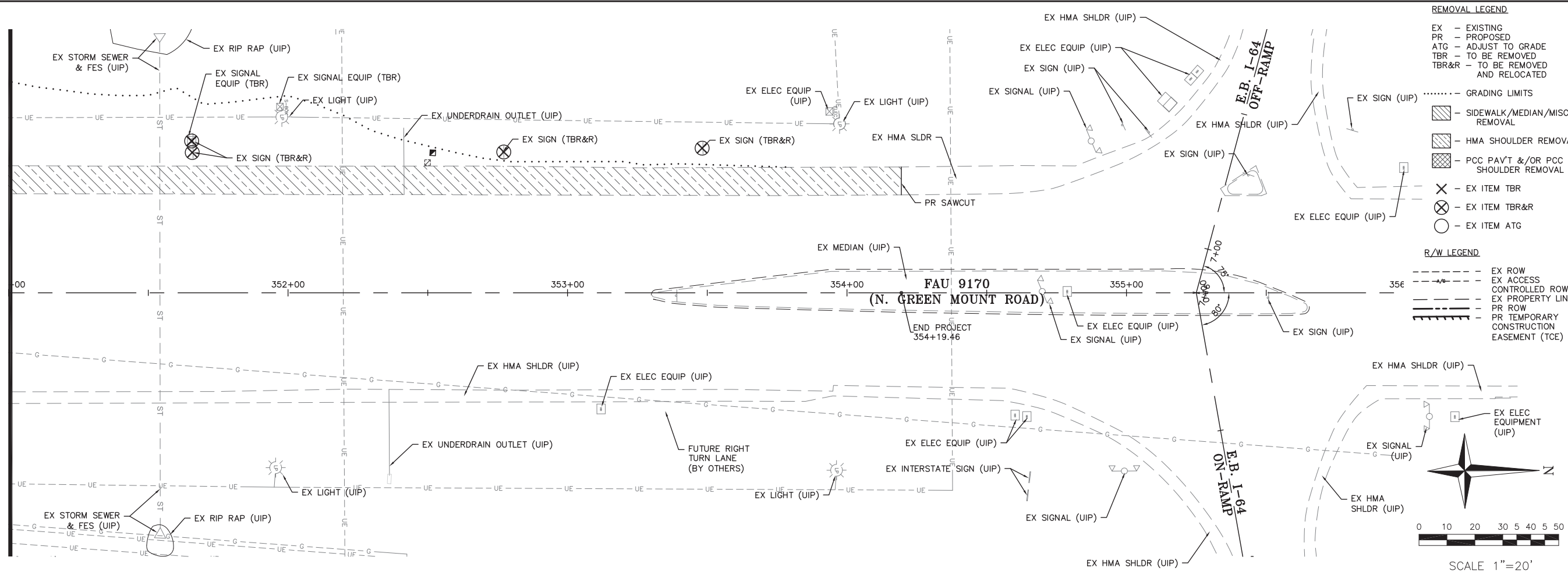


MATCHLINE 346+00





MATCHLINE 351+00



- REMOVAL LEGEND**
- EX - EXISTING
  - PR - PROPOSED
  - ATG - ADJUST TO GRADE
  - TBR - TO BE REMOVED
  - TBR&R - TO BE REMOVED AND RELOCATED
  - ..... GRADING LIMITS
  - [Hatched Box] - SIDEWALK/MEDIAN/MISC REMOVAL
  - [Diagonal Lines Box] - HMA SHOULDER REMOVAL
  - [Cross-hatched Box] - PCC PAV'T &/OR PCC SHOULDER REMOVAL
  - ⊗ - EX ITEM TBR
  - ⊗ (with dot) - EX ITEM TBR&R
  - - EX ITEM ATG
- R/W LEGEND**
- EX ROW
  - - - EX ACCESS CONTROLLED ROW
  - - - EX PROPERTY LINE
  - PR ROW
  - - - PR TEMPORARY CONSTRUCTION EASEMENT (TCE)

Corporate Engineering Certificate # 000381

**CIVIL ENGINEER**

DATE PREPARED: 9/29/17

ROUTE	STATE
8	IL
DISTRICT	SHEET NO.
8	17

COUNTY: ST. CLAIR

JOB NO.: 024-16

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

**TRANSPORTATION ENGINEERS+PLANNERS**

12409 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-8644

450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 856-2612  
www.cbtraffic.com

**REMOVAL PLANS**

**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



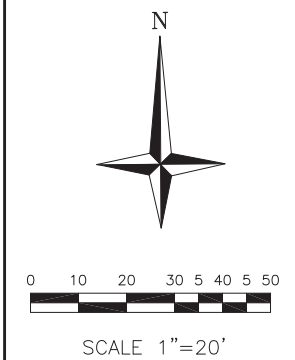
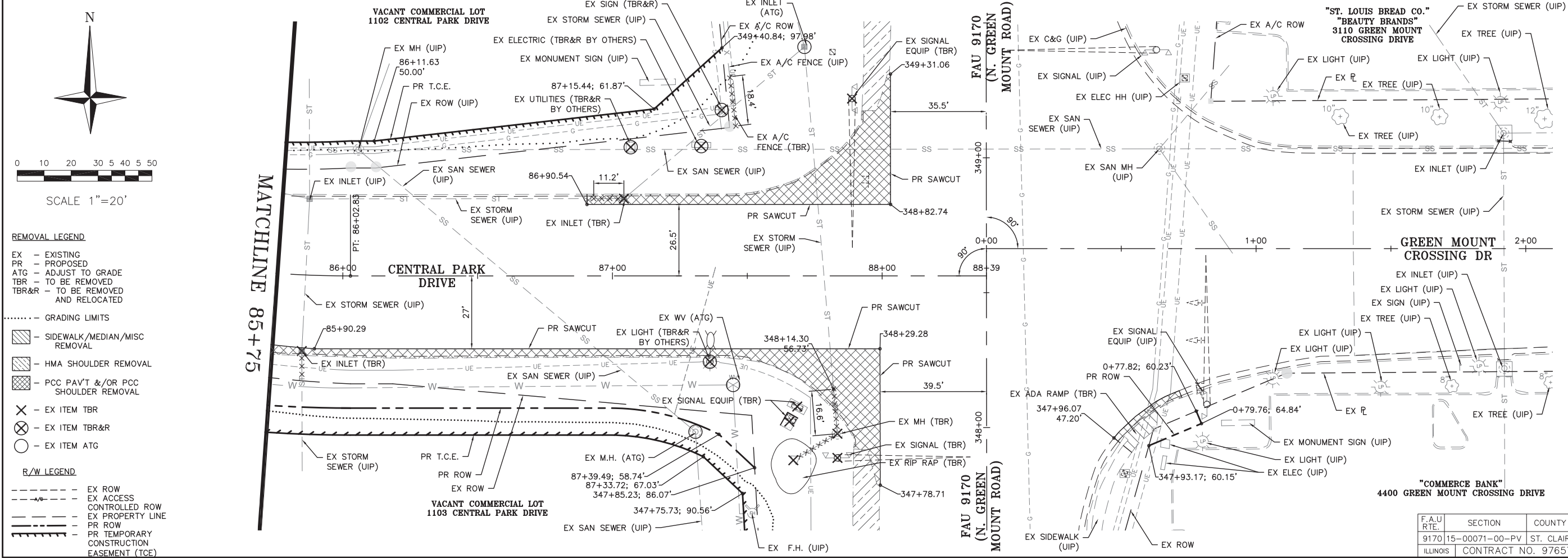
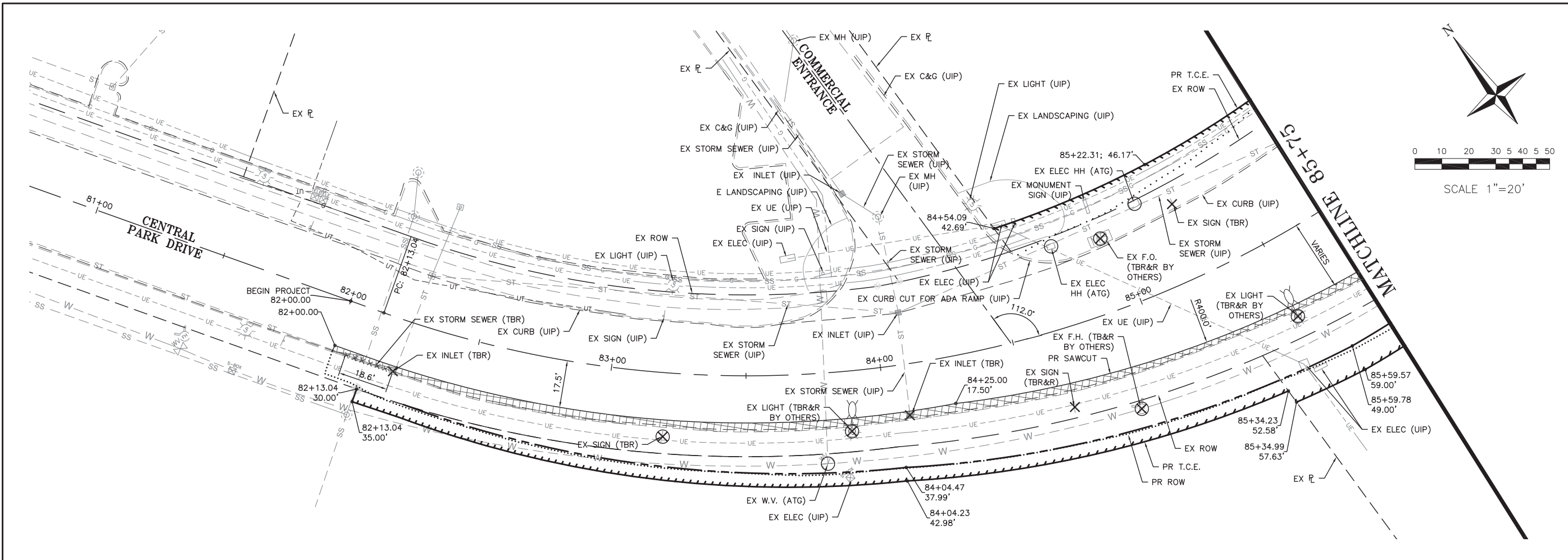
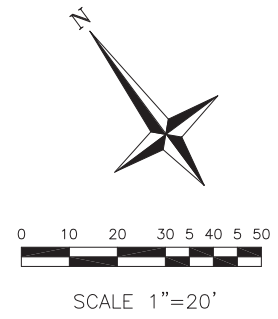
CIVIL ENGINEER	
DATE PREPARED	9/29/17
ROUTE	STATE IL
DISTRICT	SHEET NO. 18
COUNTY ST. CLAIR	
JOB NO. 024-16	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
12/5/17 <td>CITY REVISIONS</td>	CITY REVISIONS

**TRANSPORTATION ENGINEERS+PLANNERS**  
 12409 OLIVE BLVD., SUITE 430  
 ST. LOUIS, MO 63141  
 (314) 878-6644  
 450 COTTONWOOD RD., SUITE B  
 GLEN CARBON, IL 62034  
 (618) 656-2612  
 www.cbtraffic.com



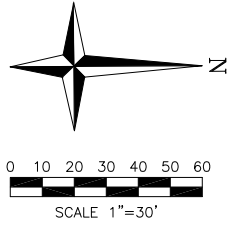
**REMOVAL PLANS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE**  
**O'FALLON, ILLINOIS**



- REMOVAL LEGEND**
- EX - EXISTING
  - PR - PROPOSED
  - ATG - ADJUST TO GRADE
  - TBR - TO BE REMOVED
  - TBR&R - TO BE REMOVED AND RELOCATED
- ..... GRADING LIMITS
- [Hatched Box] - SIDEWALK/MEDIAN/MISC REMOVAL
  - [Cross-hatched Box] - HMA SHOULDER REMOVAL
  - [Dotted Box] - PCC PAVT &/OR PCC SHOULDER REMOVAL
  - [X] - EX ITEM TBR
  - [X with circle] - EX ITEM TBR&R
  - [Circle] - EX ITEM ATG
- R/W LEGEND**
- EX ROW
  - - - EX ACCESS
  - - - CONTROLLED ROW
  - - - EX PROPERTY LINE
  - - - PR ROW
  - - - PR TEMPORARY CONSTRUCTION EASEMENT (TCE)

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



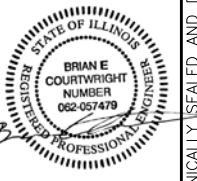
**NOTES**

1. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD PLANS.
2. ANY EXISTING SIGNS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED.
3. ALL SPACING AND DISTANCES ARE APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.
4. PORTABLE STOP SIGNS WILL BE REQUIRED ON ALL APPROACHES DURING TRAFFIC SIGNAL "DOWN TIME".
5. ALL VEHICLES, EQUIPMENT, WORKERS AND THEIR ACTIVITIES SHALL BE RESTRICTED TO ONE SIDE OF THE PAVEMENT.
6. THE STAGING AND TRAFFIC CONTROL PLANS DEPICT DAY TIME LANE CLOSURES IN ACCORDANCE WITH THE ASSOCIATED HIGHWAY STANDARD DRAWING. ALL DROP OFFS SHALL BE PROTECTED WHEN WORKERS ARE NOT PRESENT BY EXTENDED LEG BARRICADES.
7. PER SECTION 890 OF THE STANDARD SPECIFICATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
8. THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE ANY LANES OR PERFORM ANY OPERATIONS THAT WILL IMPEDE THE FLOW OF TRAFFIC ON NORTH GREEN MOUNT ROAD, CENTRAL PARK DRIVE OR GREEN MOUNT CROSSING DRIVE DURING THE PEAK HOURS OF 4:00 P.M. AND 6:00 P.M.

**TRAFFIC CONTROL / STAGING LEGEND**

- WORK AREA
- CONE, DRUM OR BARRICADE
- CONE, DRUM OR BARRICADE W/ LIGHT
- DIRECTIONAL INDICATOR BARRICADE
- TRAFFIC CONTROL SIGN
- OPEN LANE OF TRAFFIC
- ARROW BOARD
- GRADING LIMIT

Corporate Engineering  
Certificate # 000381



CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
8 19

COUNTY  
ST CLAIR

JOB NO.  
024-16

CONTRACT ID.

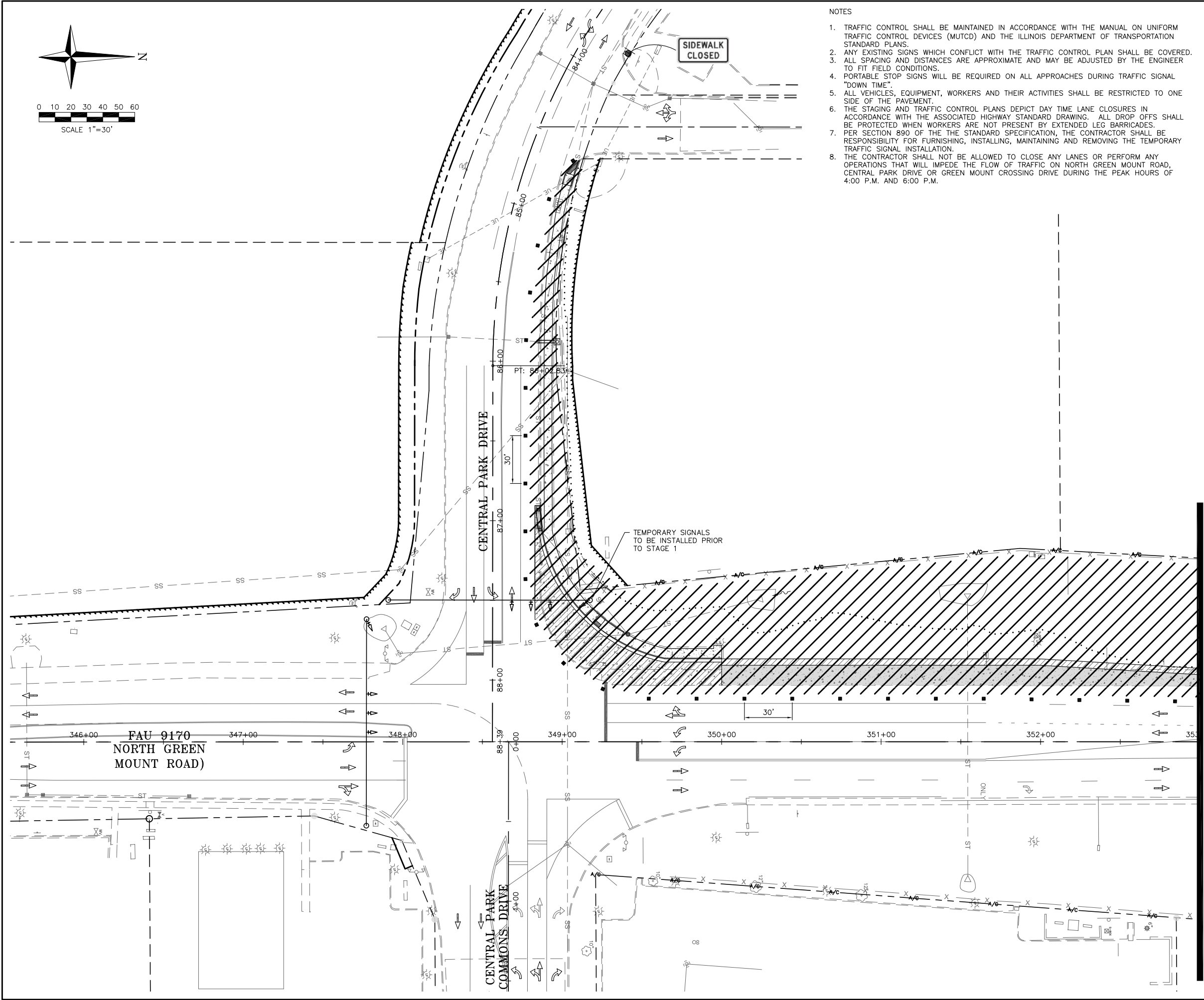
PROJECT NO.

BRIDGE NO.

DESCRIPTION  
DATE 2/23/18  
TEMP SIGNAL ADDED

**TRANSPORTATION ENGINEERS+PLANNERS**  
 12400 OLIVE BLVD, SUITE 430  
 ST. LOUIS, MO 63141  
 (314) 878-8644  
 450 COTTONWOOD RD, SUITE B  
 GLEN CARBON, IL 62034  
 (618) 656-2612  
 www.cbtraffic.com

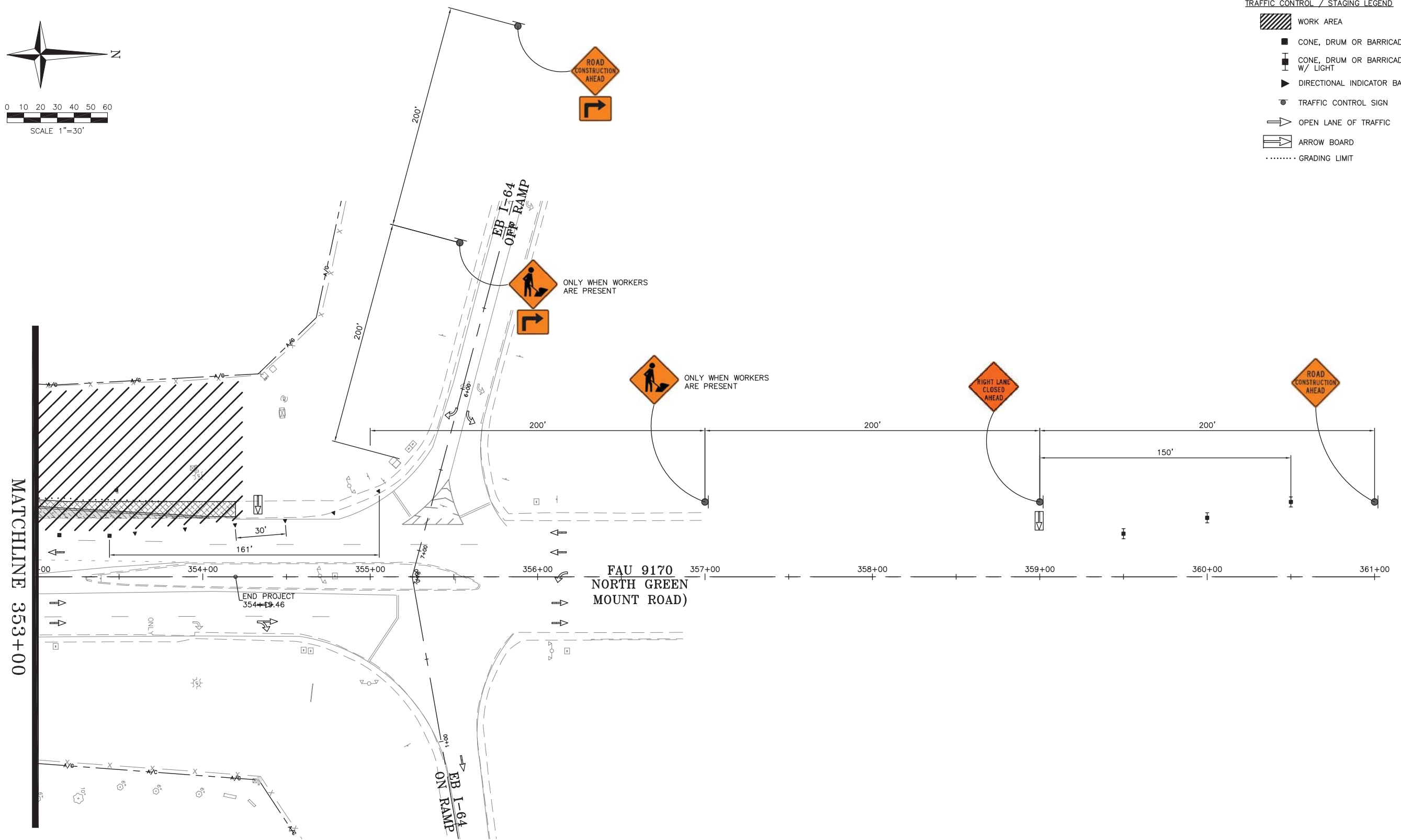
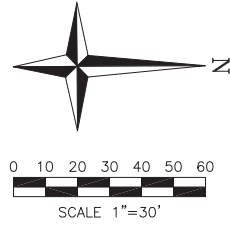
**TRAFFIC CONTROL PLANS**  
 FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE  
 OF FALLON, ILLINOIS



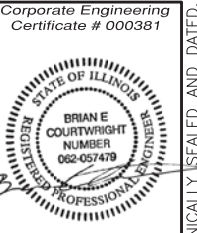
STAGE 1

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- TRAFFIC CONTROL / STAGING LEGEND
- WORK AREA
  - CONE, DRUM OR BARRICADE
  - CONE, DRUM OR BARRICADE W/ LIGHT
  - DIRECTIONAL INDICATOR BARRICADE
  - TRAFFIC CONTROL SIGN
  - OPEN LANE OF TRAFFIC
  - ARROW BOARD
  - GRADING LIMIT



CIVIL ENGINEER  
 DATE PREPARED  
**9/29/17**  
 ROUTE STATE  
 8 IL  
 DISTRICT SHEET NO.  
 20  
 COUNTY  
 ST CLAIR  
 JOB NO.  
 024-16  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

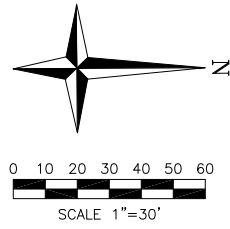
**TRANSPORTATION ENGINEERS+PLANNERS**  
 12409 OLIVE BLVD, SUITE 430  
 ST. LOUIS, MO 63141  
 (314) 877-6644  
 450 COTTONWOOD RD, SUITE B  
 GLEN CARBON, IL 62034  
 (618) 656-2612  
 www.cbtraffic.com

STAGE 1

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

**TRAFFIC CONTROL PLANS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE**  
**O'FALLON, ILLINOIS**

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



NOTES

1. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD PLANS.
2. ANY EXISTING SIGNS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED.
3. ALL SPACING AND DISTANCES ARE APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.
4. PORTABLE STOP SIGNS WILL BE REQUIRED ON ALL APPROACHES DURING TRAFFIC SIGNAL "DOWN TIME".
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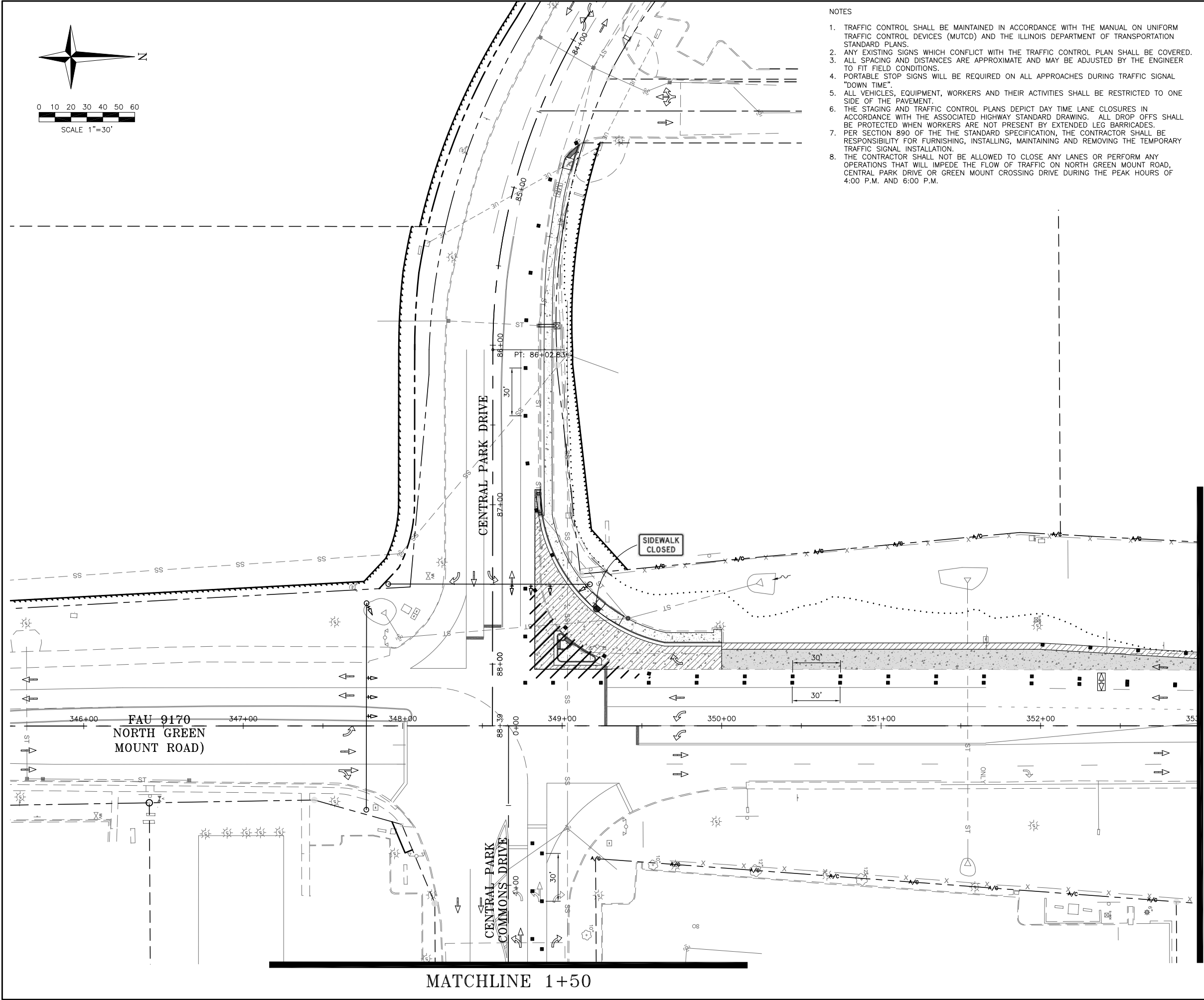
TRAFFIC CONTROL / STAGING LEGEND

- WORK AREA
- CONE, DRUM OR BARRICADE
- CONE, DRUM OR BARRICADE W/ LIGHT
- DIRECTIONAL INDICATOR BARRICADE
- TRAFFIC CONTROL SIGN
- OPEN LANE OF TRAFFIC
- ARROW BOARD
- GRADING LIMIT

Corporate Engineering Certificate # 000381



CIVIL ENGINEER	
DATE PREPARED 9/29/17	
ROUTE	STATE IL
DISTRICT 8	SHEET NO. 21
COUNTY ST. CLAIR	
JOB NO. 024-16	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



DATE	DESCRIPTION
2/23/18	TEMP SIGNAL ADDED

**TRANSPORTATION ENGINEERS+PLANNERS**

12400 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-6644

450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

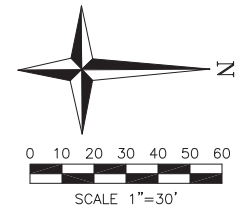
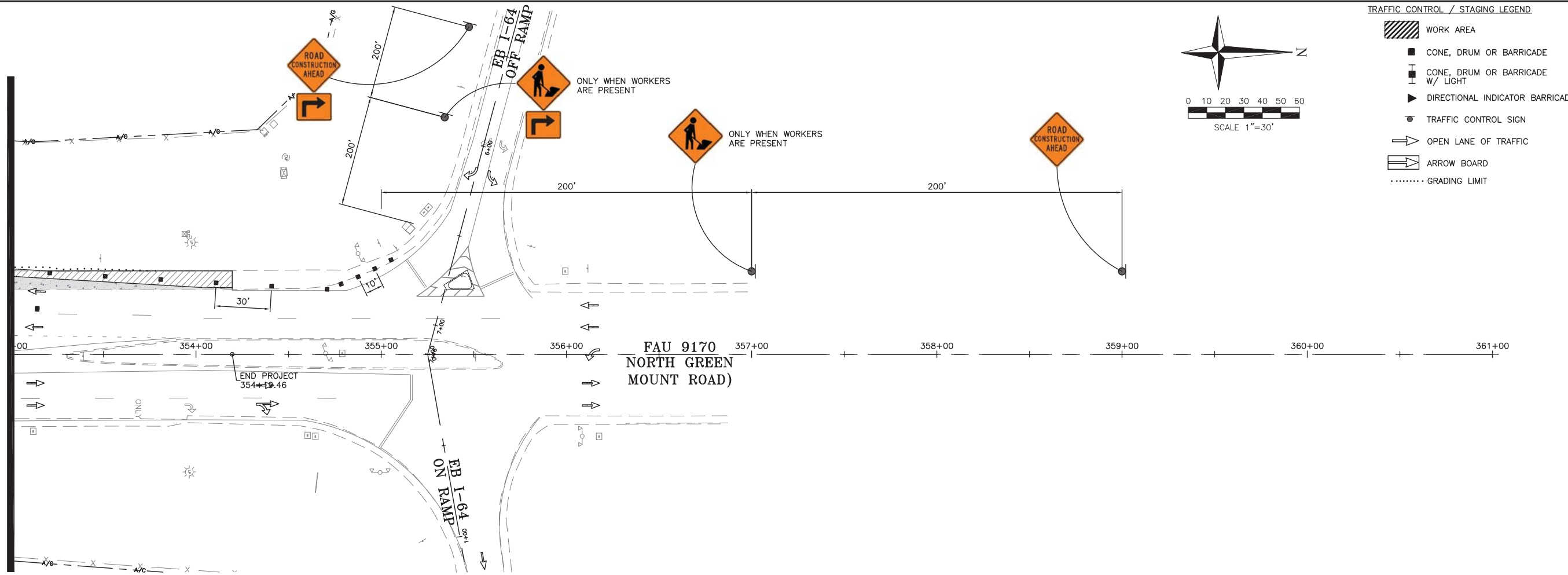
**TRAFFIC CONTROL PLANS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE**  
**O'FALLON, ILLINOIS**

STAGE 2

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

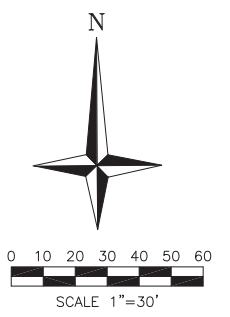
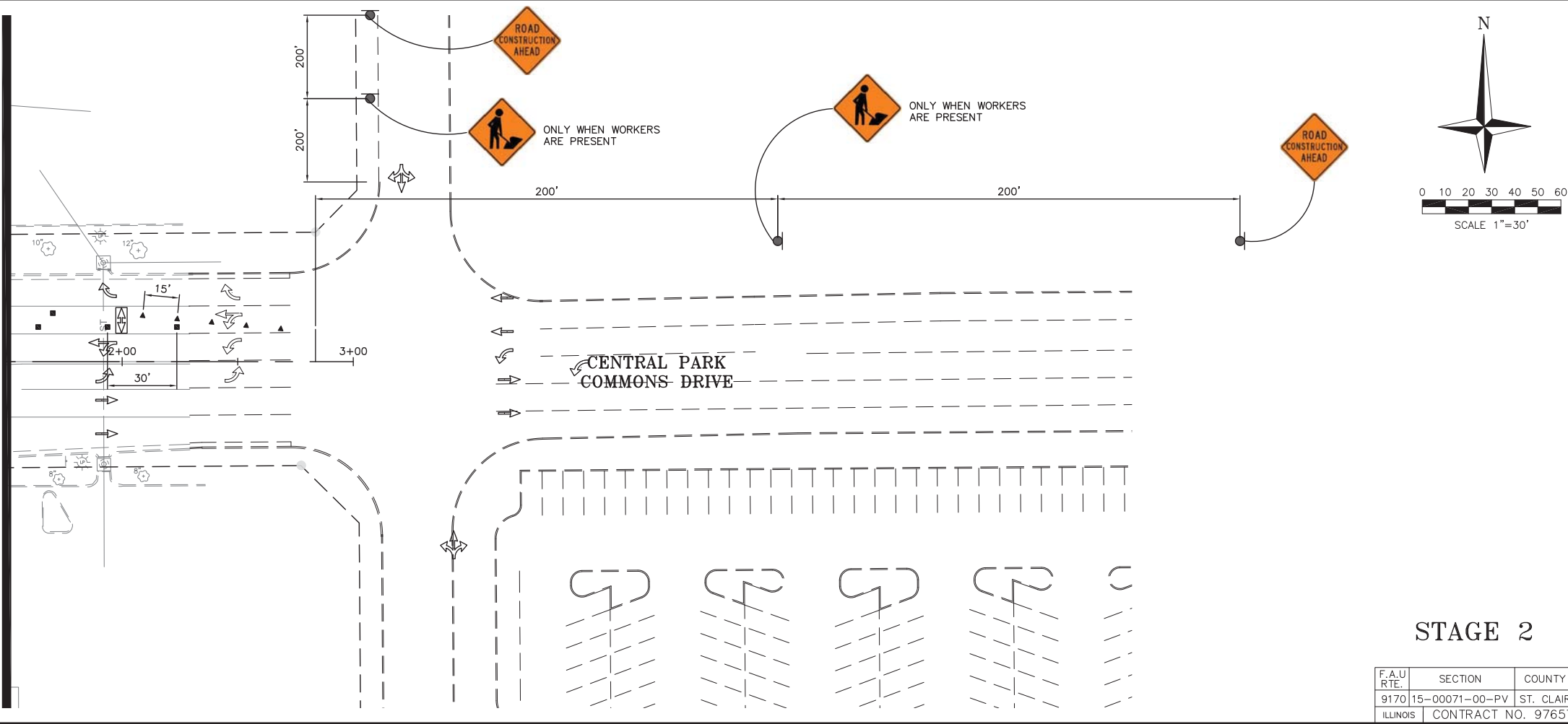
MATCHLINE 353+00



- TRAFFIC CONTROL / STAGING LEGEND
- WORK AREA
  - CONE, DRUM OR BARRICADE
  - CONE, DRUM OR BARRICADE W/ LIGHT
  - DIRECTIONAL INDICATOR BARRICADE
  - TRAFFIC CONTROL SIGN
  - OPEN LANE OF TRAFFIC
  - ARROW BOARD
  - GRADING LIMIT

Corporate Engineering Certificate # 000381	
CIVIL ENGINEER	
DATE PREPARED 9/29/17	
ROUTE 8	STATE IL
DISTRICT 8	SHEET NO. 22
COUNTY ST CLAIR	
JOB NO. 024-16	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DATE	DESCRIPTION

MATCHLINE 1+50



**TRANSPORTATION ENGINEERS+PLANNERS**

12400 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 872-6644

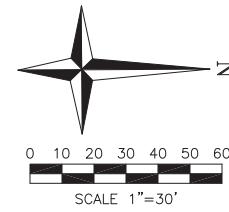
450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

STAGE 2

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

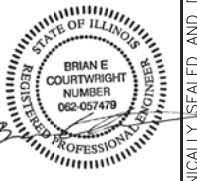
**TRAFFIC CONTROL PLANS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE**  
**O'FALLON, ILLINOIS**

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

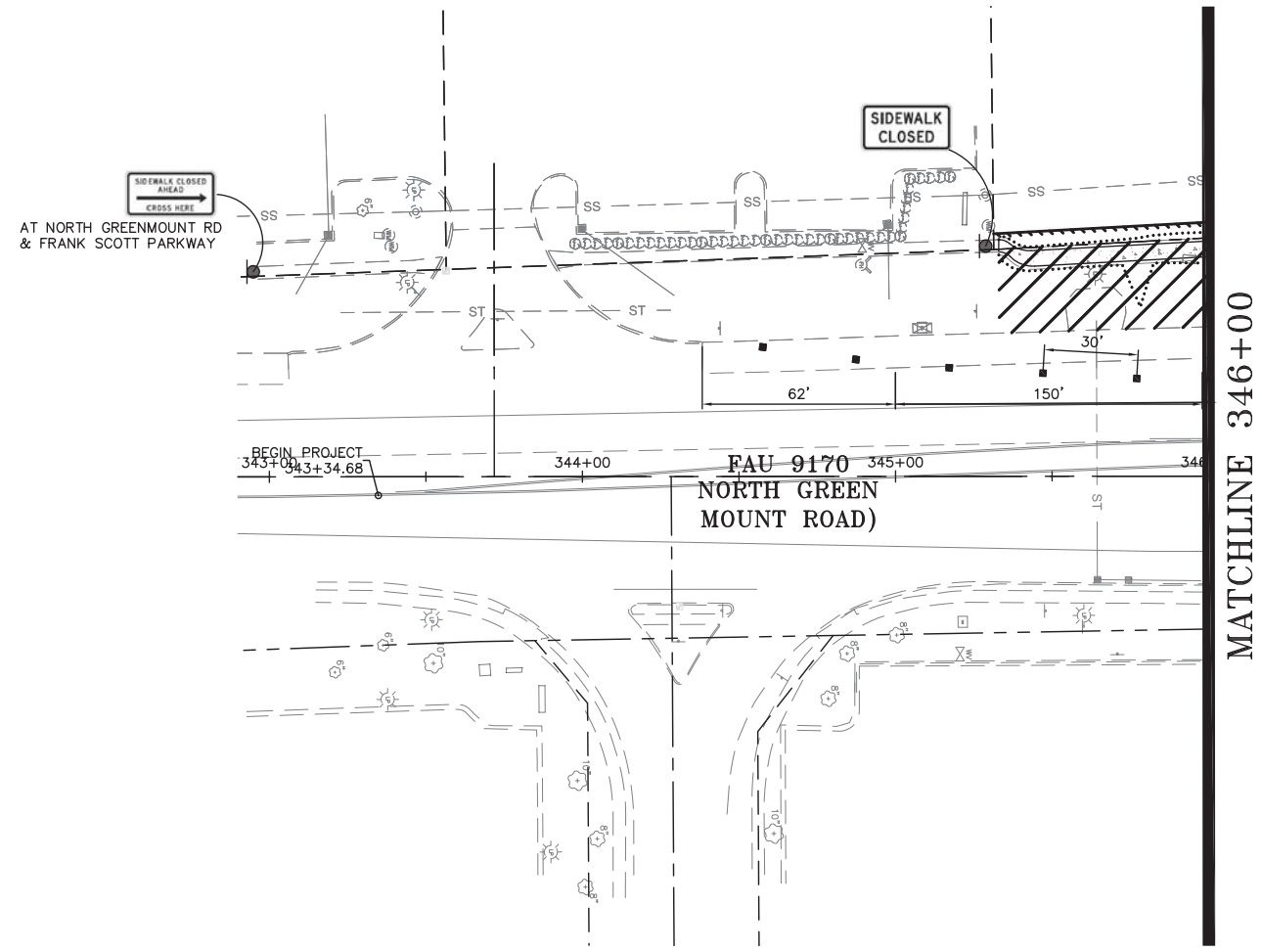


- TRAFFIC CONTROL / STAGING LEGEND**
- WORK AREA
  - CONE, DRUM OR BARRICADE
  - CONE, DRUM OR BARRICADE W/ LIGHT
  - DIRECTIONAL INDICATOR BARRICADE
  - TRAFFIC CONTROL SIGN
  - OPEN LANE OF TRAFFIC
  - ARROW BOARD
  - GRADING LIMIT

Corporate Engineering  
Certificate # 000381



CIVIL ENGINEER	
DATE PREPARED <b>9/29/17</b>	
ROUTE	STATE
8	IL
DISTRICT	SHEET NO.
8	23
COUNTY	
ST. CLAIR	
JOB NO.	
024-16	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



DATE	DESCRIPTION

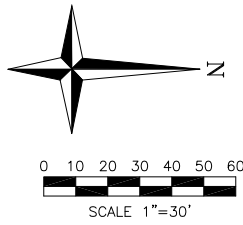
**TRANSPORTATION ENGINEERS+PLANNERS**  
 12400 OLIVE BLVD, SUITE 430  
 ST. LOUIS, MO 63141  
 (314) 872-6644  
 450 COTTONWOOD RD, SUITE B  
 GLEN CARBON, IL 62034  
 (618) 656-2612  
 www.cbtraffic.com

**STAGE 3**

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

**TRAFFIC CONTROL PLANS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE**  
**O'FALLON, ILLINOIS**

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

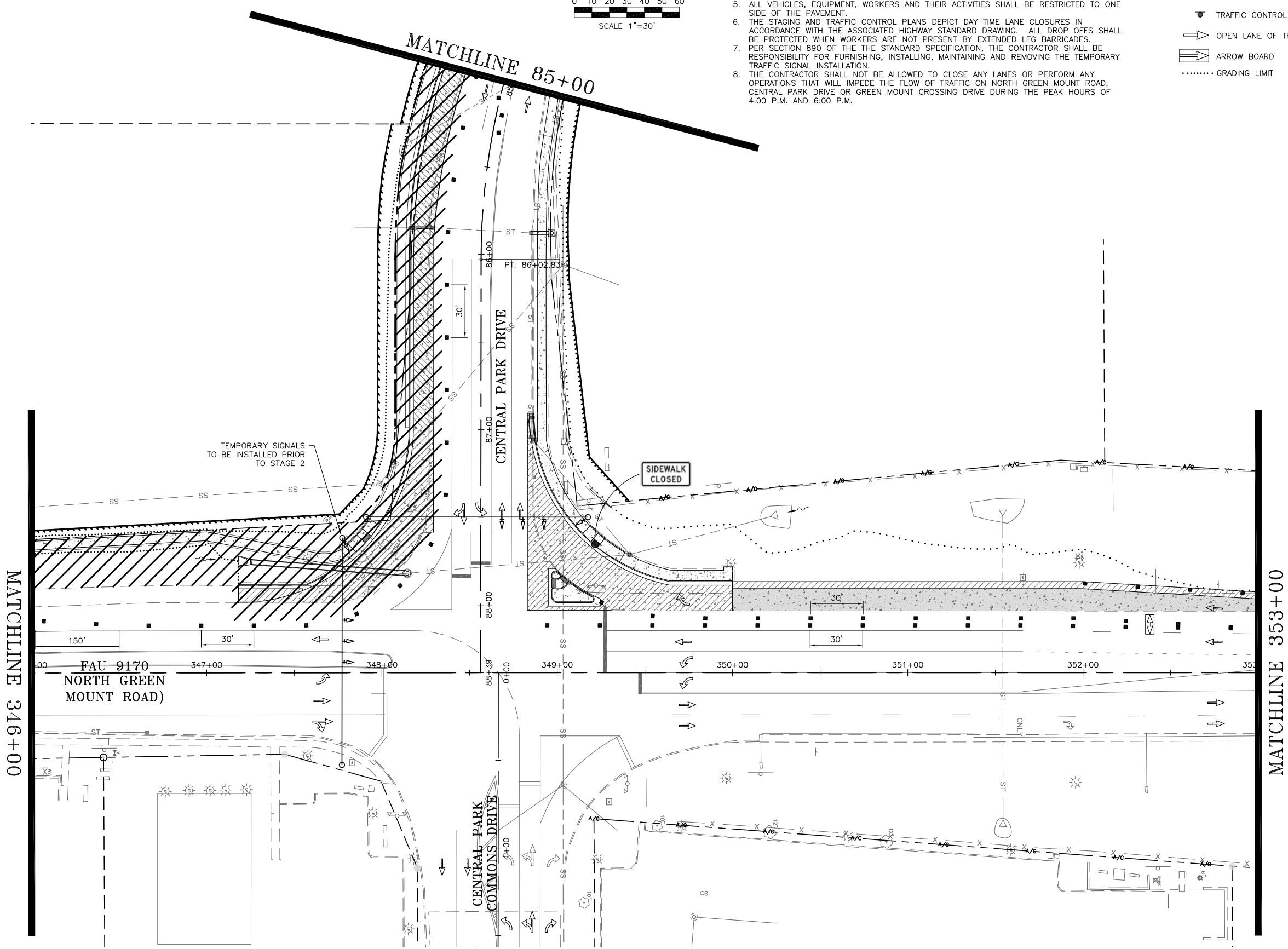


**NOTES**

1. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD PLANS.
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**TRAFFIC CONTROL / STAGING LEGEND**

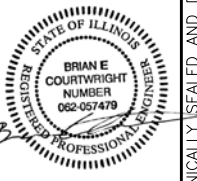
- WORK AREA
- CONE, DRUM OR BARRICADE
- CONE, DRUM OR BARRICADE W/ LIGHT
- DIRECTIONAL INDICATOR BARRICADE
- TRAFFIC CONTROL SIGN
- OPEN LANE OF TRAFFIC
- ARROW BOARD
- GRADING LIMIT



**STAGE 3**

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

Corporate Engineering Certificate # 000381



DATE PREPARED <b>9/29/17</b>	
ROUTE	STATE
8	IL
DISTRICT	SHEET NO.
8	24
COUNTY ST. CLAIR	
JOB NO. 024-16	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/23/18	TEMP SIGNAL ADDED

**TRANSPORTATION ENGINEERS+PLANNERS**

12400 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-6644

450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

**TRAFFIC CONTROL PLANS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE**  
**OF FALLON, ILLINOIS**

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





CIVIL ENGINEER

DATE PREPARED  
**9/29/17**

ROUTE	STATE
8	IL
DISTRICT	SHEET NO.
8	25

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

**TRANSPORTATION ENGINEERS+PLANNERS**

12400 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 872-6644

450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

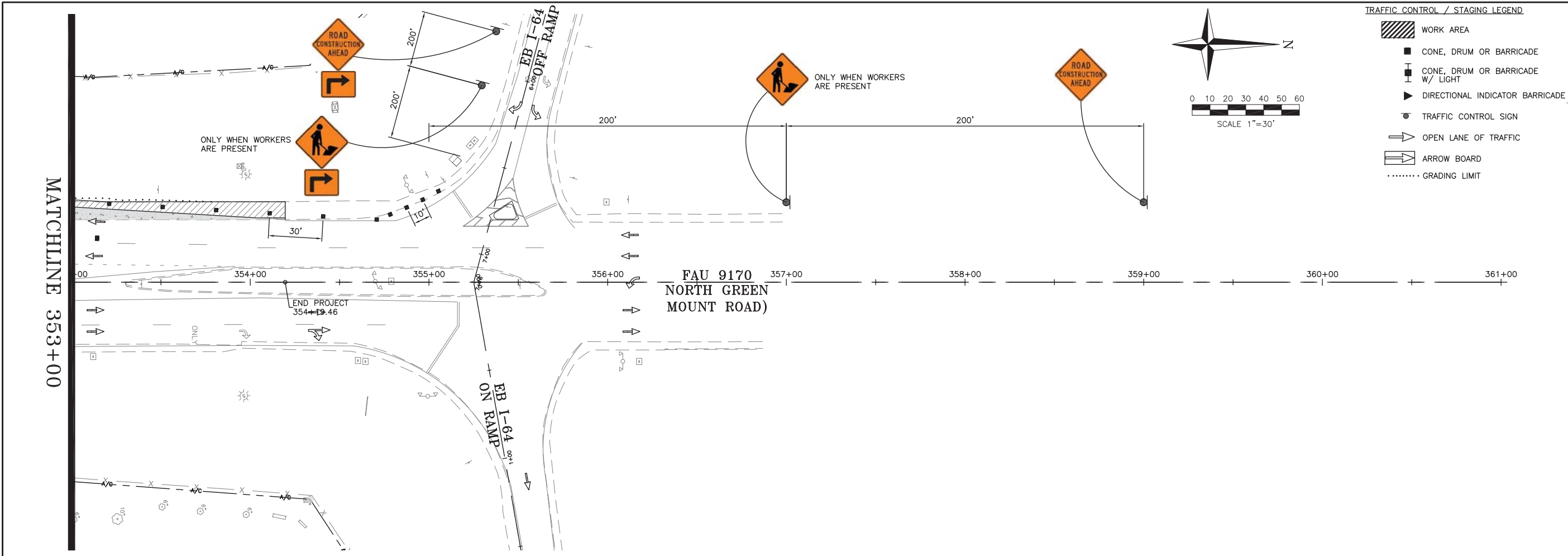
**TRAFFIC CONTROL PLANS**  
FAU 9170 (NORTH GREEN MOUNT ROAD)  
& CENTRAL PARK DRIVE  
OF FALLON, ILLINOIS

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

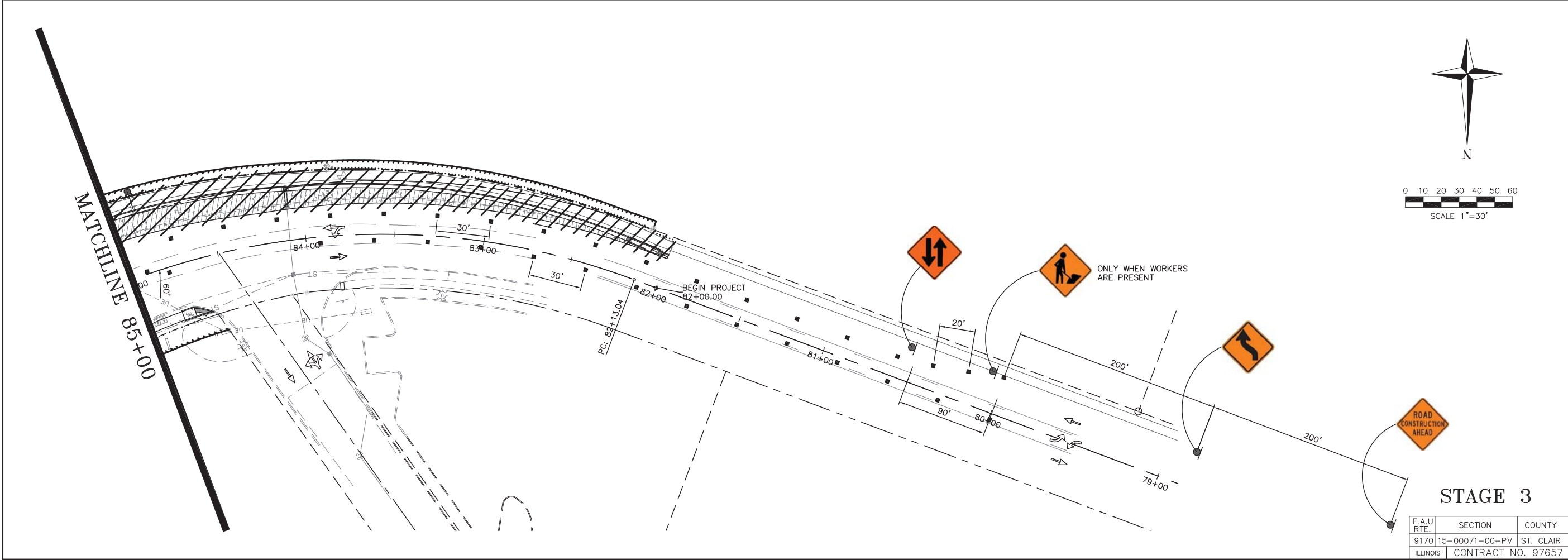
TRAFFIC CONTROL / STAGING LEGEND

- WORK AREA
- CONE, DRUM OR BARRICADE
- CONE, DRUM OR BARRICADE W/ LIGHT
- DIRECTIONAL INDICATOR BARRICADE
- TRAFFIC CONTROL SIGN
- OPEN LANE OF TRAFFIC
- ARROW BOARD
- GRADING LIMIT

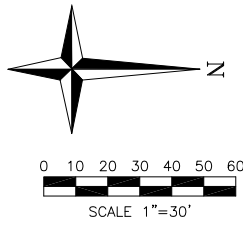
SCALE 1"=30'



SCALE 1"=30'



IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

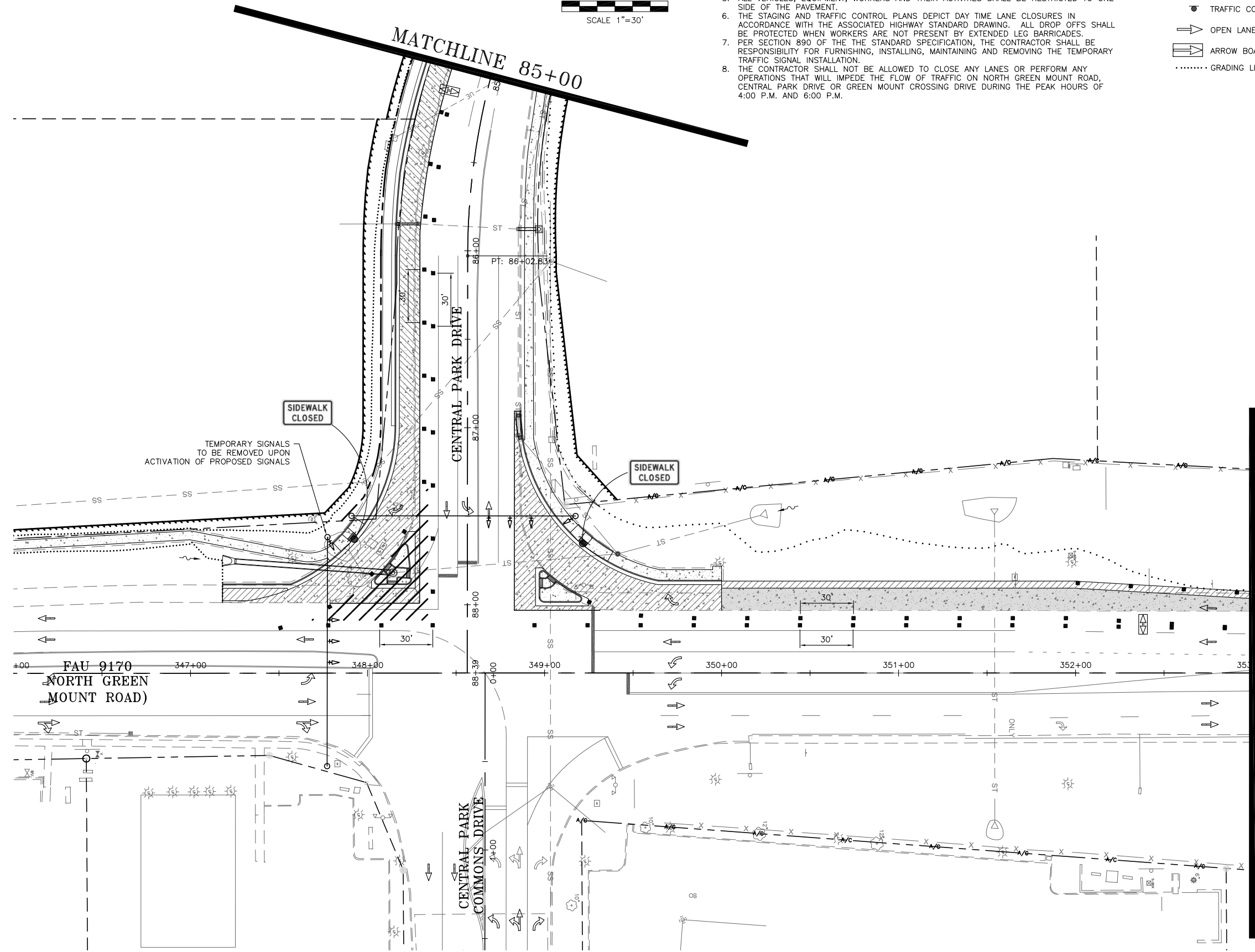


NOTES

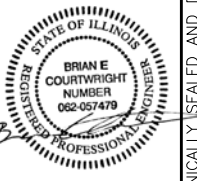
1. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD PLANS.
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TRAFFIC CONTROL / STAGING LEGEND

- WORK AREA
- CONE, DRUM OR BARRICADE
- CONE, DRUM OR BARRICADE W/ LIGHT
- DIRECTIONAL INDICATOR BARRICADE
- TRAFFIC CONTROL SIGN
- OPEN LANE OF TRAFFIC
- ARROW BOARD
- GRADING LIMIT



Corporate Engineering Certificate # 000381



CIVIL ENGINEER	
DATE PREPARED 9/29/17	
ROUTE	STATE
8	IL
DISTRICT	SHEET NO.
8	26
COUNTY	
ST. CLAIR	
JOB NO.	
024-16	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/23/18 <td>TEMP SIGNAL ADDED</td>	TEMP SIGNAL ADDED

**TRANSPORTATION ENGINEERS+PLANNERS**

12400 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-6644

450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

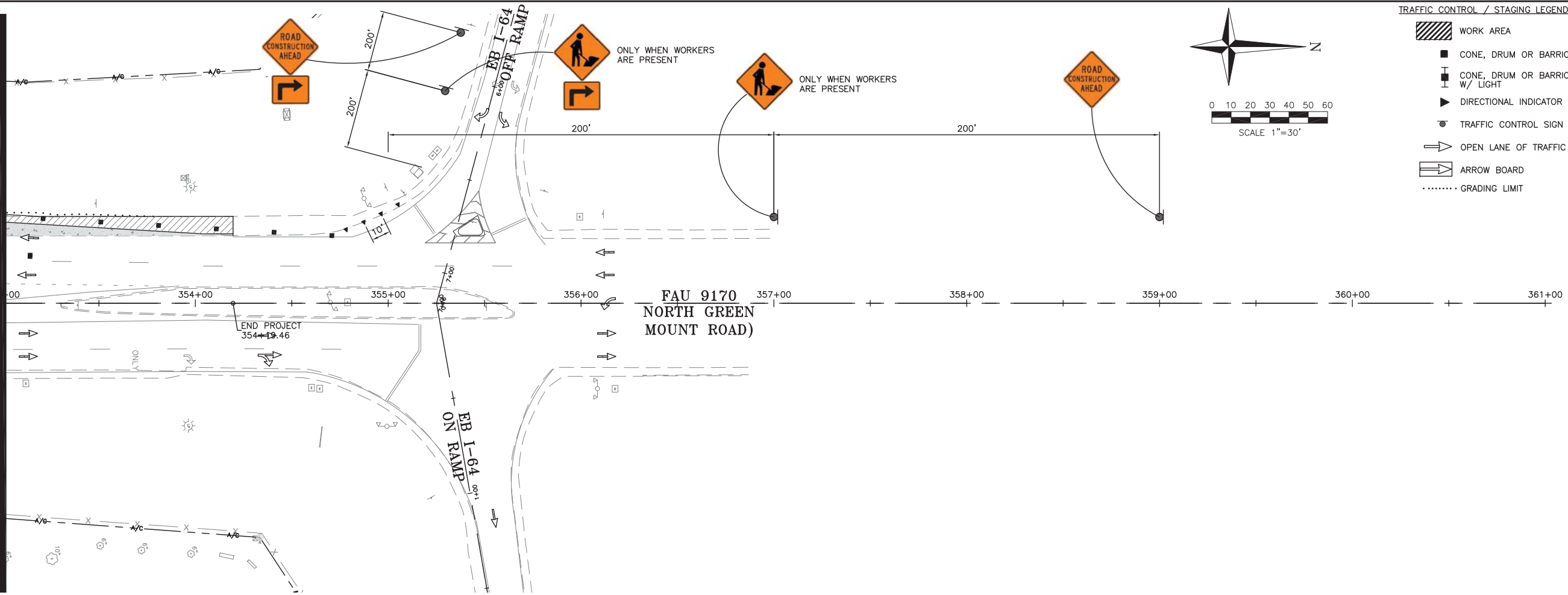
**TRAFFIC CONTROL PLANS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE**  
 OF FALLON, ILLINOIS

STAGE 4

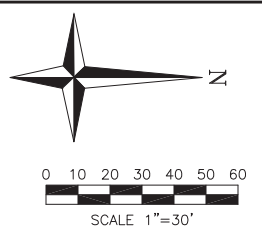
F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE 353+00



- TRAFFIC CONTROL / STAGING LEGEND
- WORK AREA
  - CONE, DRUM OR BARRICADE
  - CONE, DRUM OR BARRICADE W/ LIGHT
  - DIRECTIONAL INDICATOR BARRICADE
  - TRAFFIC CONTROL SIGN
  - OPEN LANE OF TRAFFIC
  - ARROW BOARD
  - GRADING LIMIT



Corporate Engineering  
Certificate # 000381

**BRIAN E. COURTWRIGHT**  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF ILLINOIS  
NUMBER 062-057479

CIVIL ENGINEER

DATE PREPARED  
**9/29/17**

ROUTE  
8

STATE  
IL

DISTRICT  
8

SHEET NO.  
27

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

**TRANSPORTATION  
ENGINEERS+PLANNERS**

12400 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 872-8644

450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

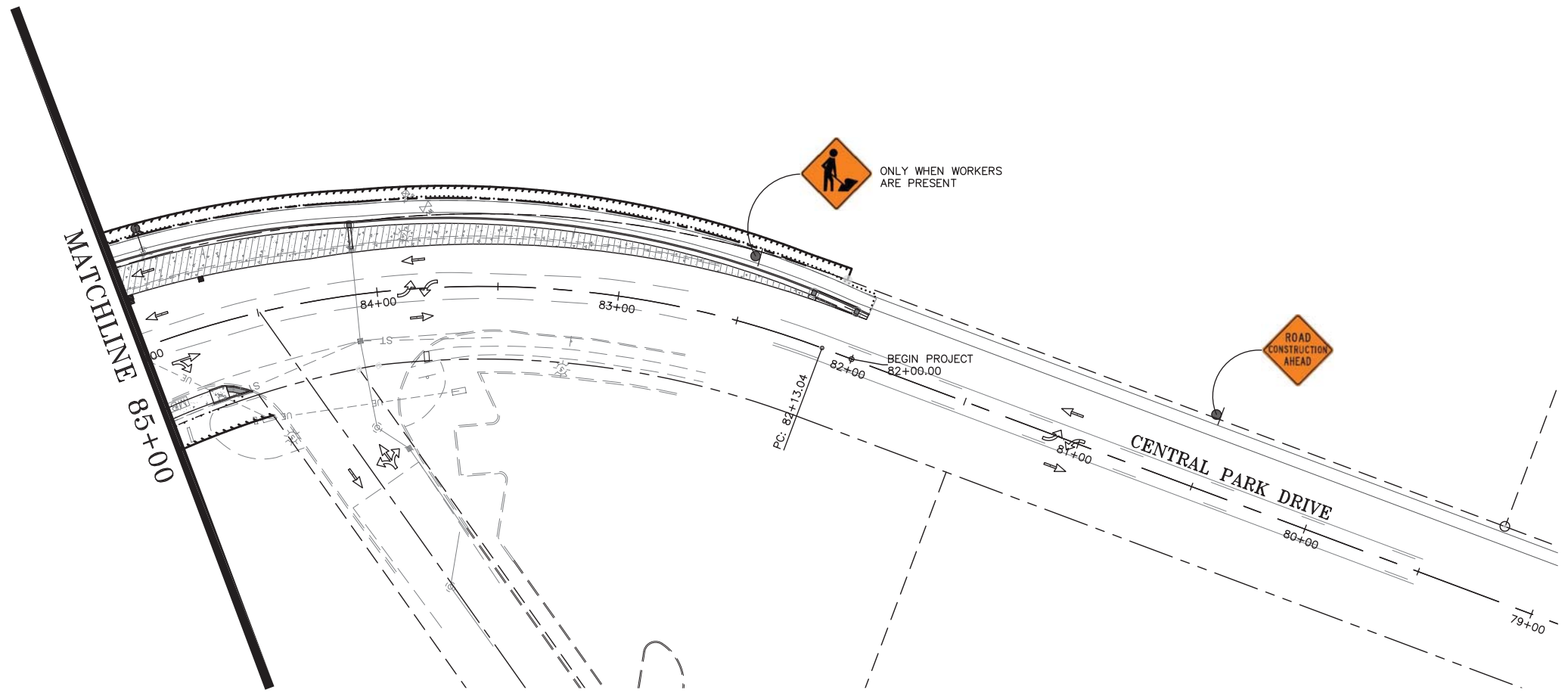
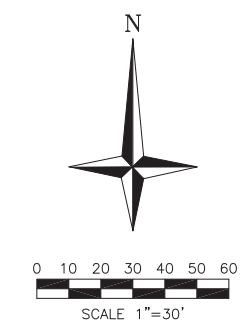
**EBB**

**TRAFFIC CONTROL  
PLANS**

**FAU 9170 (NORTH GREEN  
MOUNT ROAD)  
& CENTRAL PARK DRIVE  
OF FALLON, ILLINOIS**

STAGE 4

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	



IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CIVIL ENGINEER

DATE PREPARED  
**9/29/17**

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
8 28

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

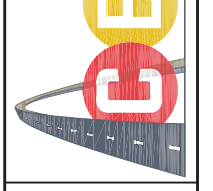
PROJECT NO.

BRIDGE NO.

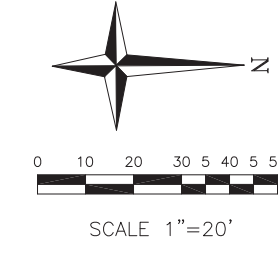
DATE	DESCRIPTION
12/5/17	CITY REVISIONS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

**TRANSPORTATION ENGINEERS+PLANNERS**  
12409 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 878-6644  
450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

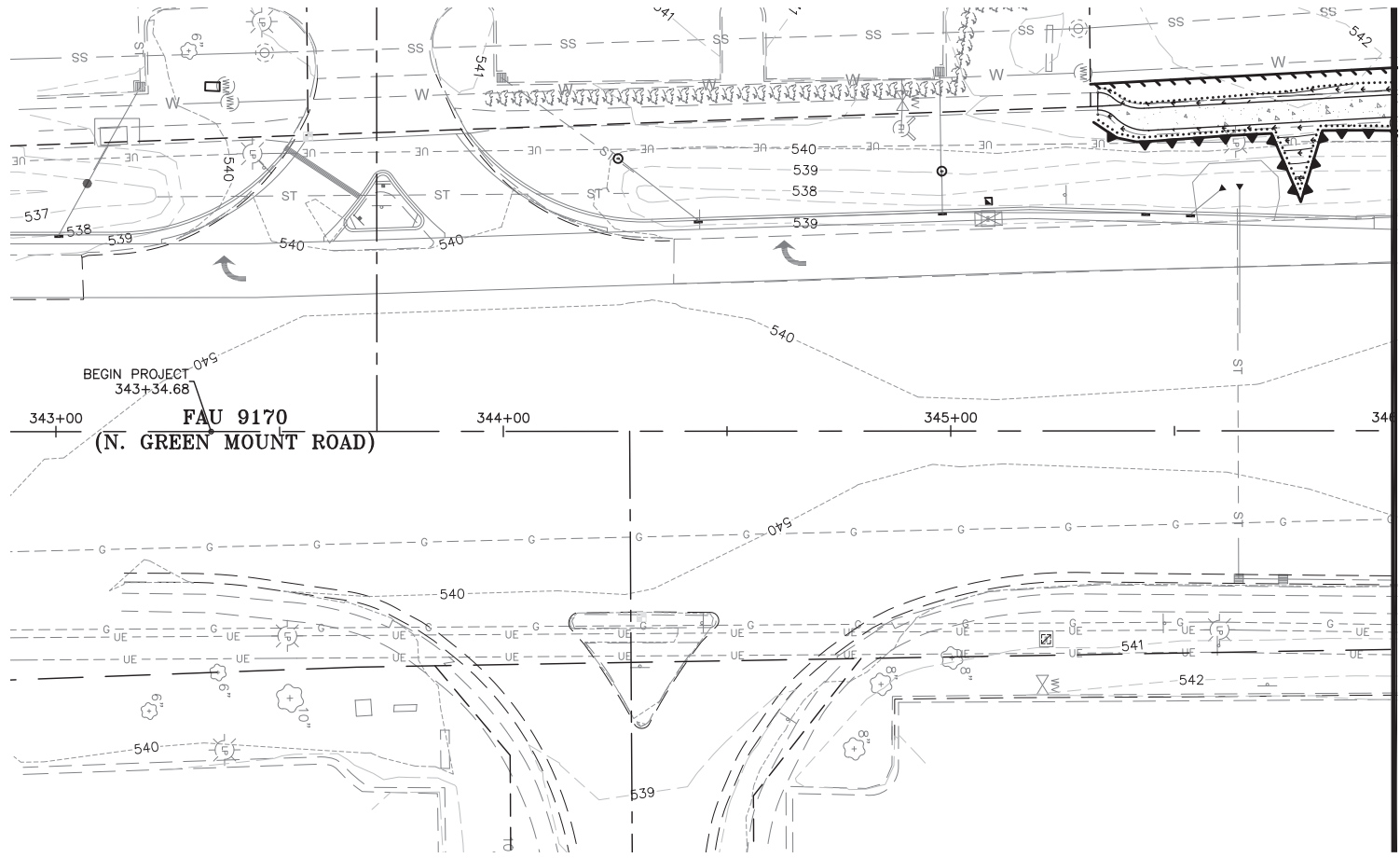


**EROSION CONTROL PLANS**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE  
OF FALLON, ILLINOIS

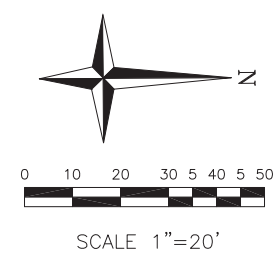
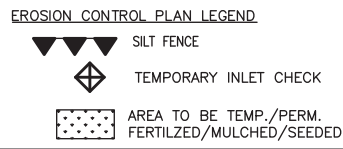


MATCHLINE 351+00

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

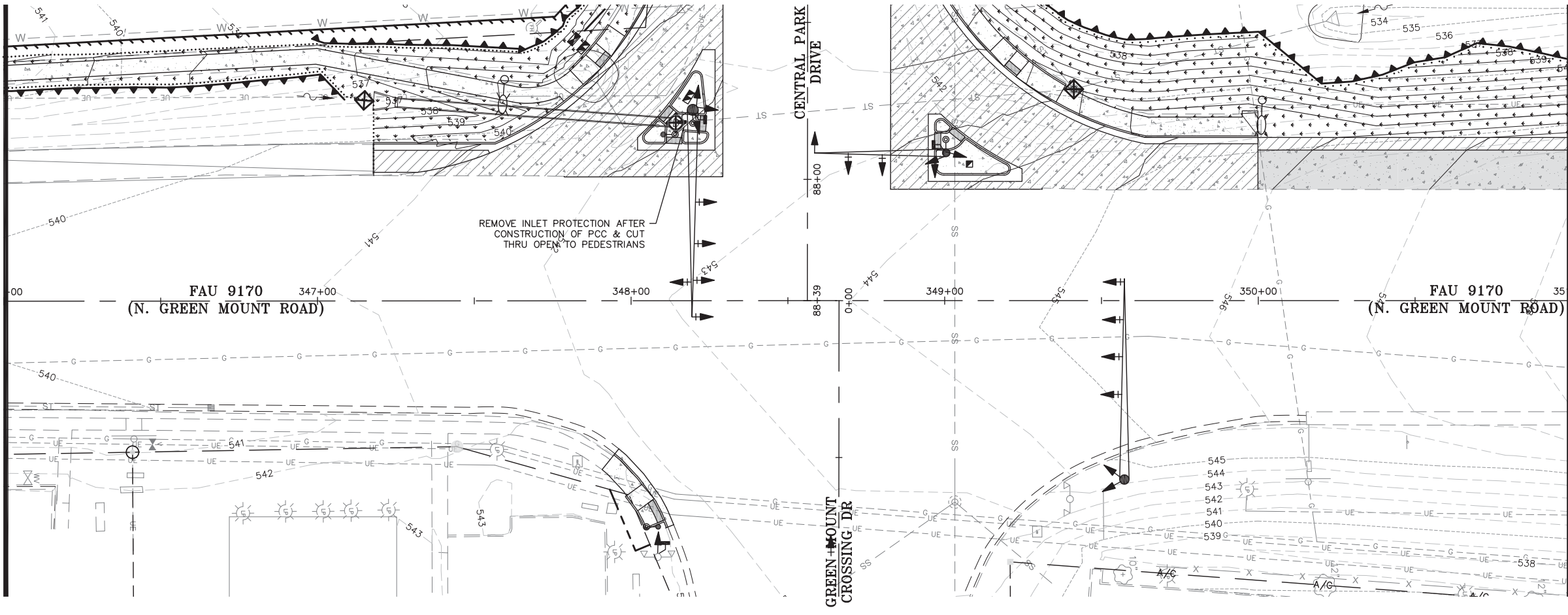


MATCHLINE 346+00



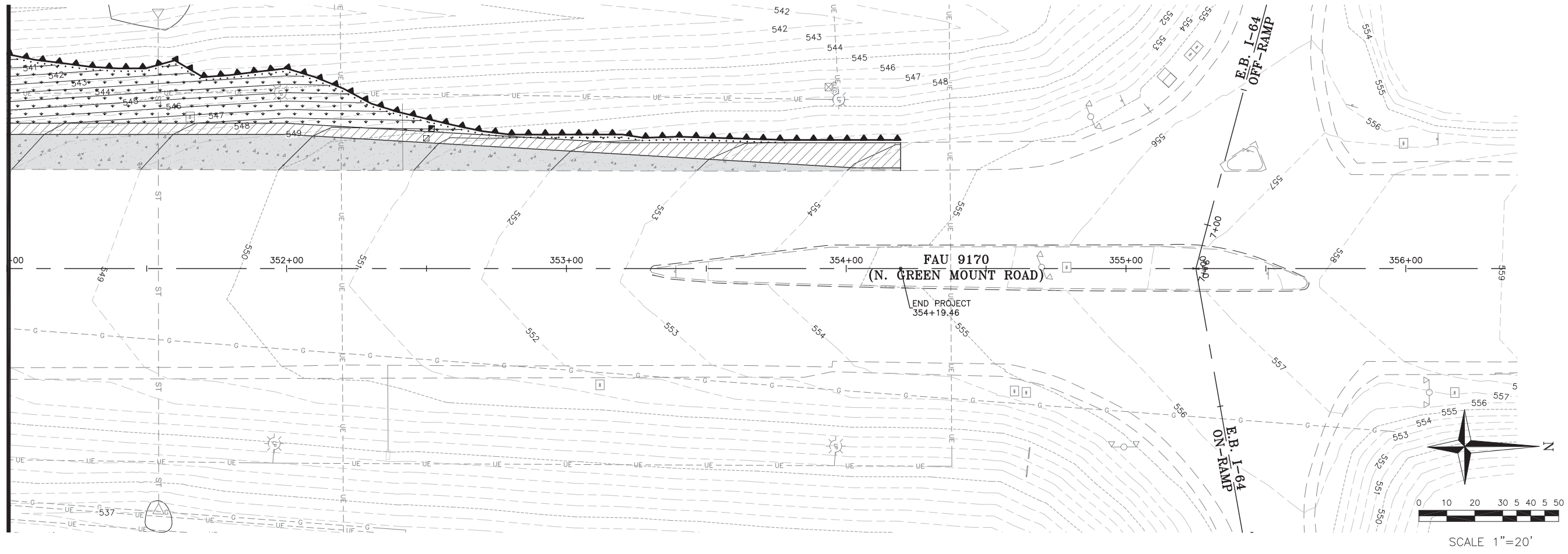
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MATCHLINE 346+00



MATCHLINE 351+00

MATCHLINE 351+00



- EROSION CONTROL PLAN LEGEND**
-  SILT FENCE
  -  TEMPORARY INLET CHECK
  -  AREA TO BE TEMP./PERM. FERTILIZED/MULCHED/SEEDDED

Corporate Engineering Certificate # 000381



**CIVIL ENGINEER**  
 DATE PREPARED: 9/29/17  
 ROUTE: STATE IL  
 DISTRICT: 8 SHEET NO. 29  
 COUNTY: ST CLAIR  
 JOB NO.: 024-16  
 CONTRACT ID.:  
 PROJECT NO.:  
 BRIDGE NO.:

DATE	DESCRIPTION
12/5/17	CITY REVISIONS

**TRANSPORTATION ENGINEERS+PLANNERS**  
 12409 OLIVE BLVD, SUITE 430  
 ST. LOUIS, MO 63141  
 (314) 878-8644  
 450 COTTONWOOD RD, SUITE B  
 GLEN CARBON, IL 62034  
 (618) 656-2612  
 www.cbtralf.com



**EROSION CONTROL PLANS**  
 FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE  
 OFALLON, ILLINOIS

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CIVIL ENGINEER

DATE PREPARED  
**9/29/17**

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
8 30

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

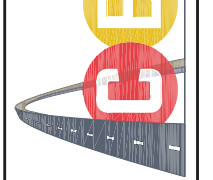
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
12/5/17 <td>CITY REVISIONS</td>	CITY REVISIONS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

**TRANSPORTATION ENGINEERS+PLANNERS**  
12409 OLIVE BLVD, SUITE 430  
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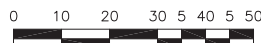
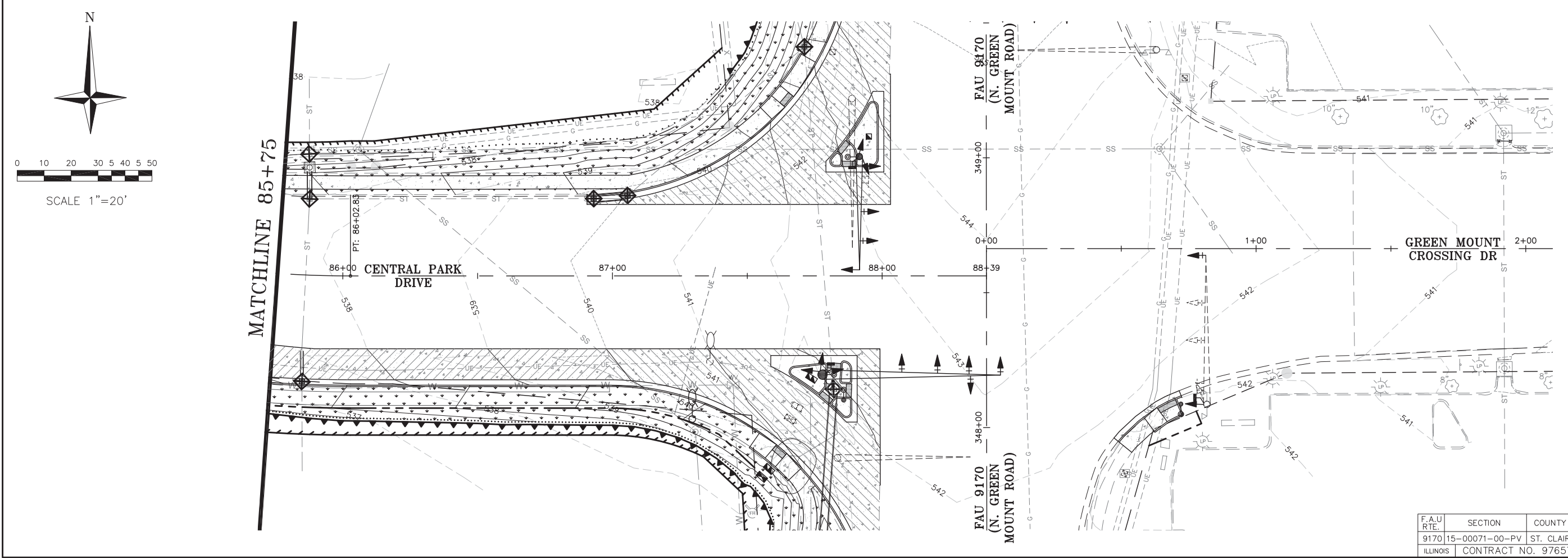
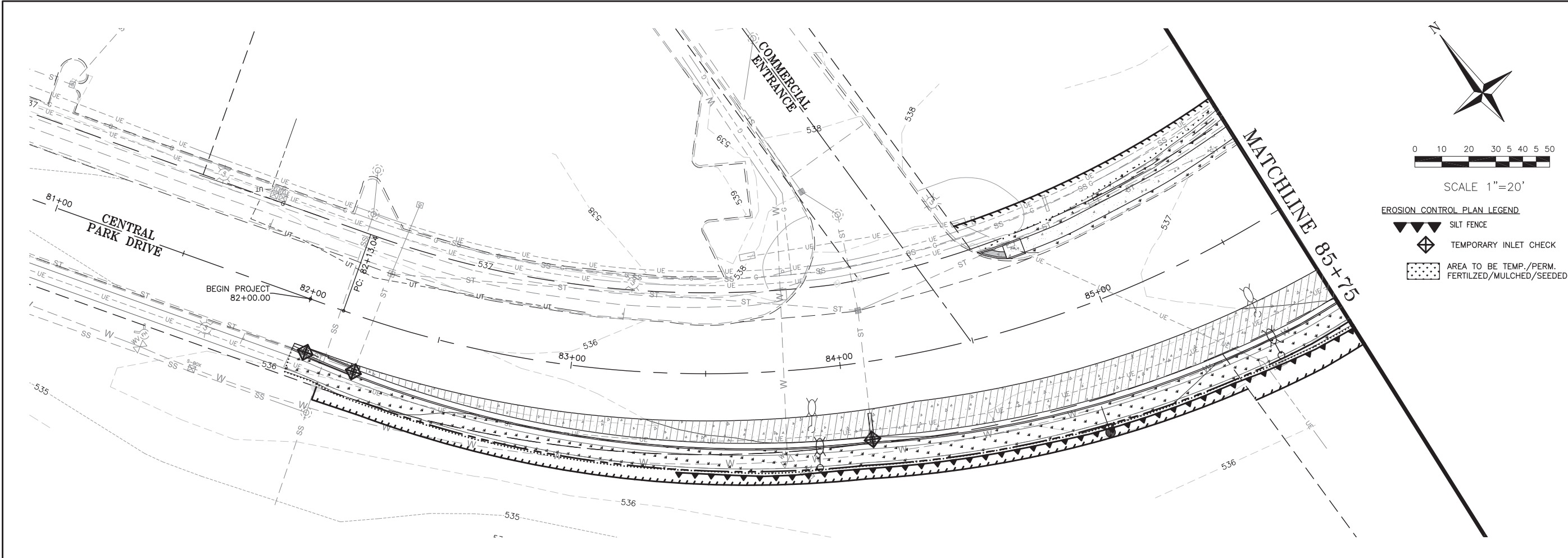
**EROSION CONTROL PLANS**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE  
OF FALLON, ILLINOIS



SCALE 1"=20'

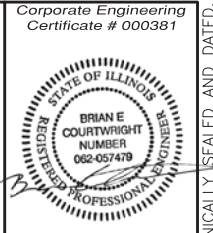
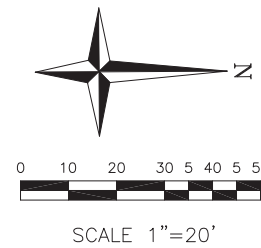
**EROSION CONTROL PLAN LEGEND**

- SILT FENCE
- TEMPORARY INLET CHECK
- AREA TO BE TEMP./PERM. FERTILIZED/MULCHED/SEDED



SCALE 1"=20'

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	



Corporate Engineering  
Certificate # 000381

**CIVIL ENGINEER**

DATE PREPARED  
**9/29/17**

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
8 **31**

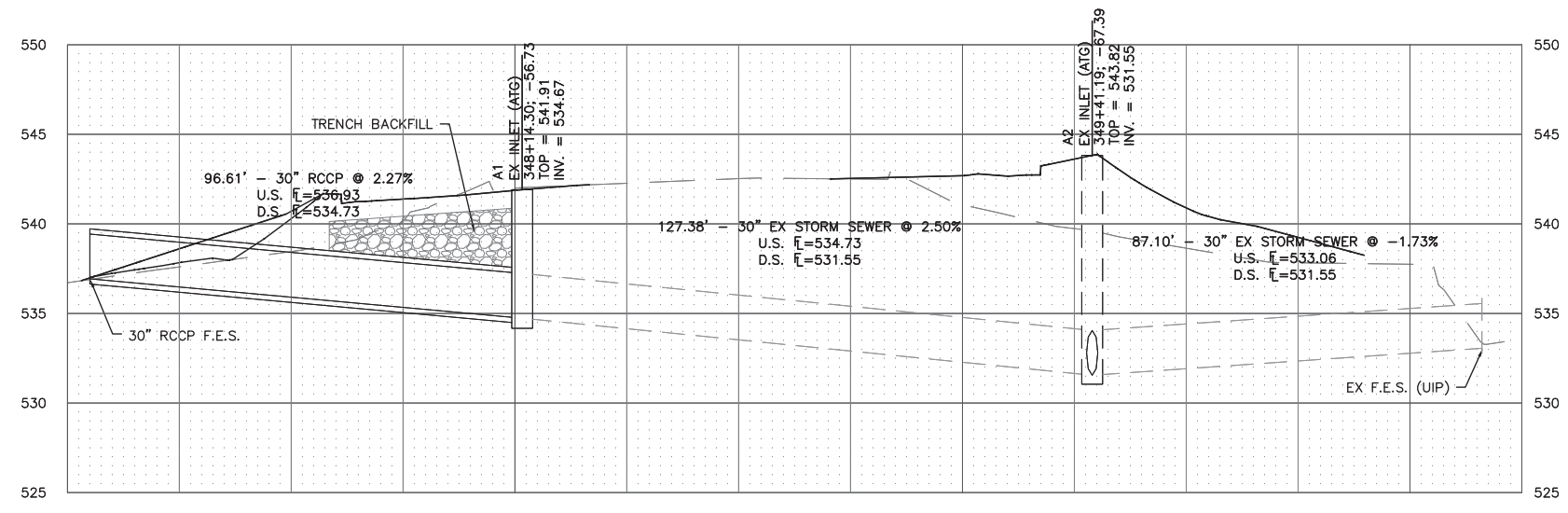
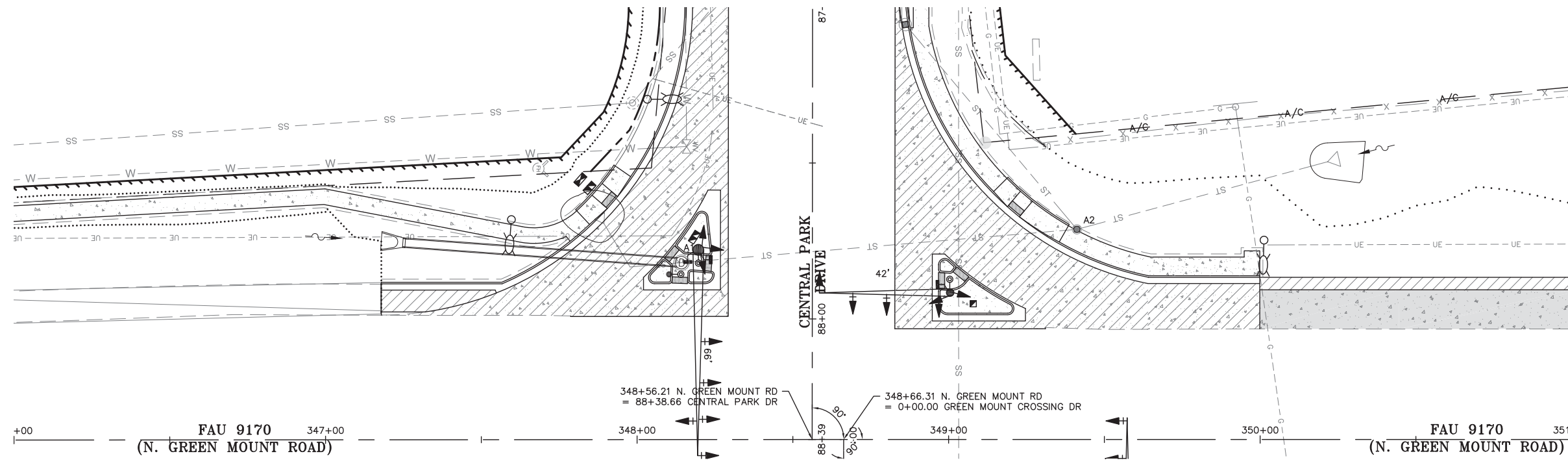
COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



DATE	DESCRIPTION
12/5/17 <td>CITY REVISIONS</td>	CITY REVISIONS

**TRANSPORTATION ENGINEERS+PLANNERS**

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(618) 656-2612  
www.cbtraffic.com

**STORM SEWER DETAILS**

**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OFALLON, ILLINOIS**

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CIVIL ENGINEER

DATE PREPARED  
**9/29/17**

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
8 32

COUNTY  
ST CLAIR

JOB NO.  
024-16

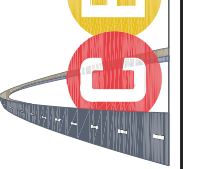
CONTRACT ID.

PROJECT NO.

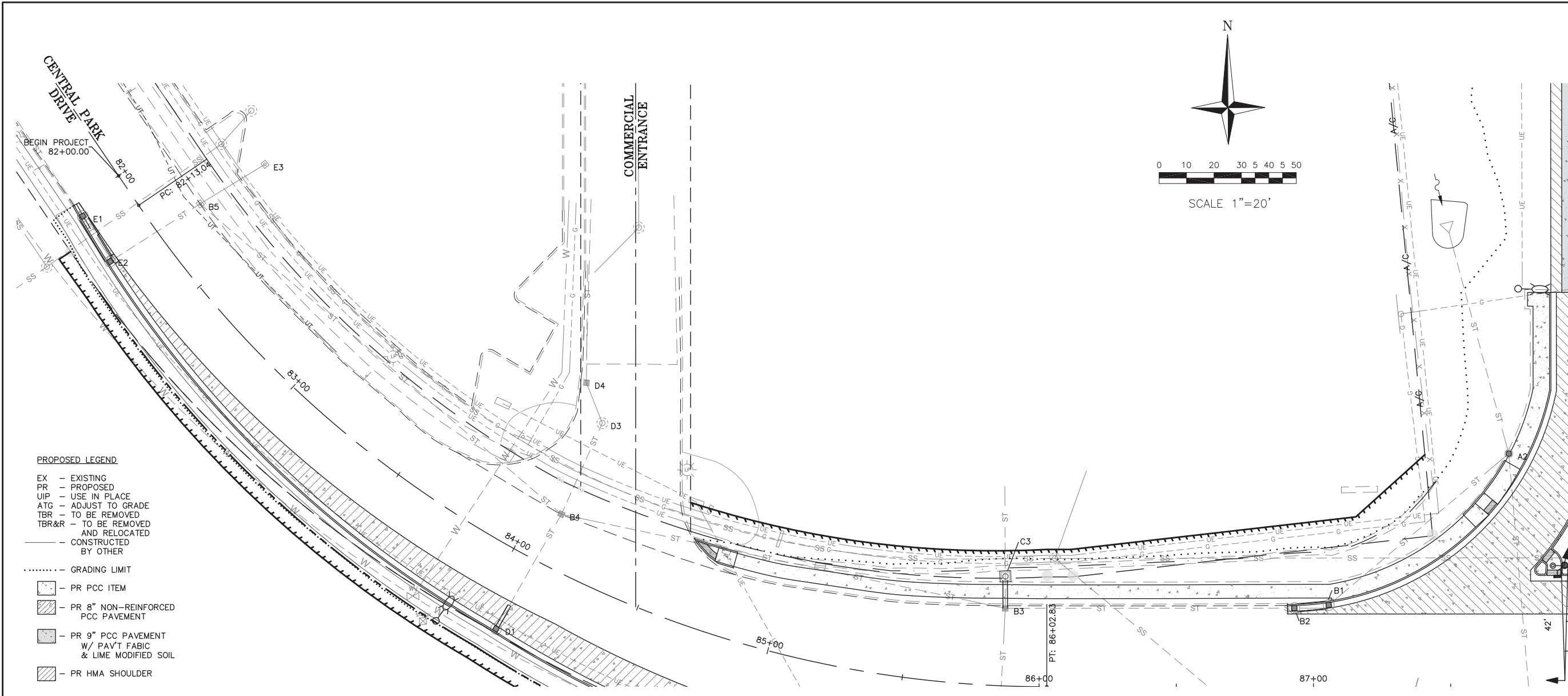
BRIDGE NO.

DATE	DESCRIPTION
12/5/17	CITY REVISIONS

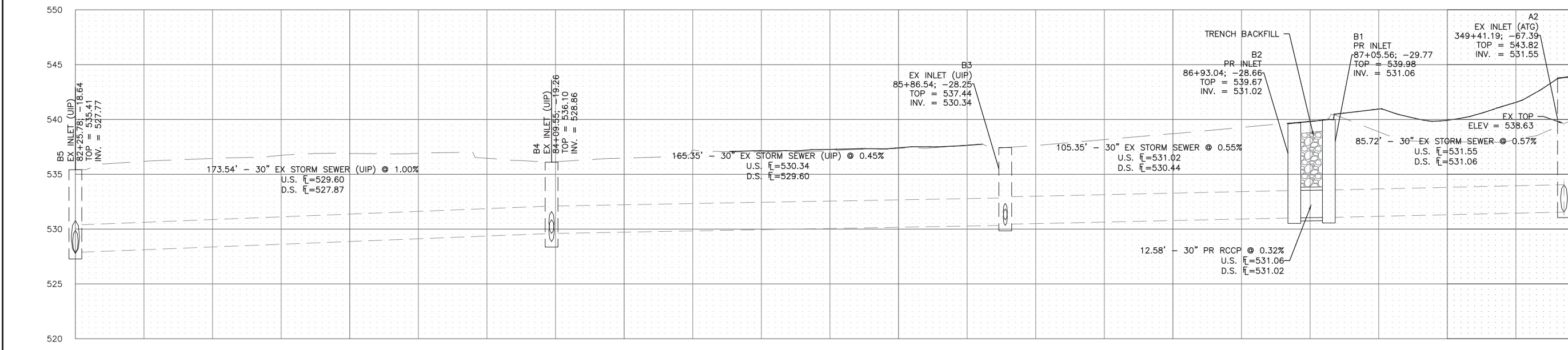
**TRANSPORTATION ENGINEERS+PLANNERS**  
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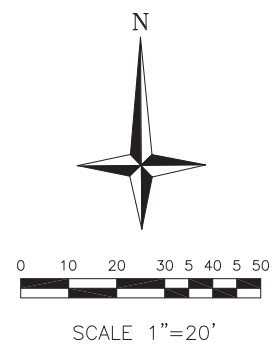
**STORM SEWER DETAILS**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS



- PROPOSED LEGEND**
- EX - EXISTING
  - PR - PROPOSED
  - UIP - USE IN PLACE
  - ATG - ADJUST TO GRADE
  - TBR - TO BE REMOVED
  - TBR&R - TO BE REMOVED AND RELOCATED
  - CONSTRUCTED BY OTHER
  - ..... GRADING LIMIT
  - [Pattern] PR PCC ITEM
  - [Pattern] PR 8" NON-REINFORCED PCC PAVEMENT
  - [Pattern] PR 9" PCC PAVEMENT W/ PAVT FABRIC & LIME MODIFIED SOIL
  - [Pattern] PR HMA SHOULDER

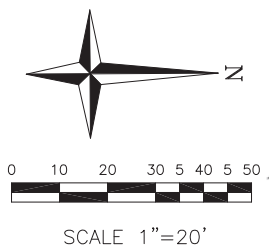
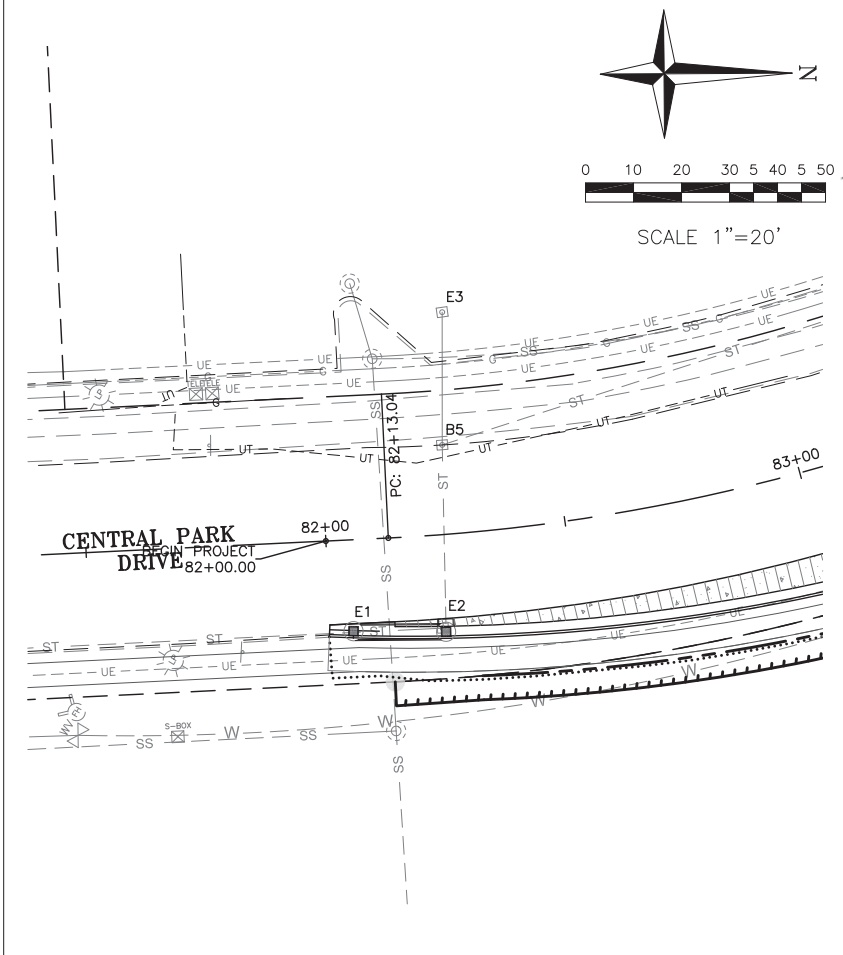
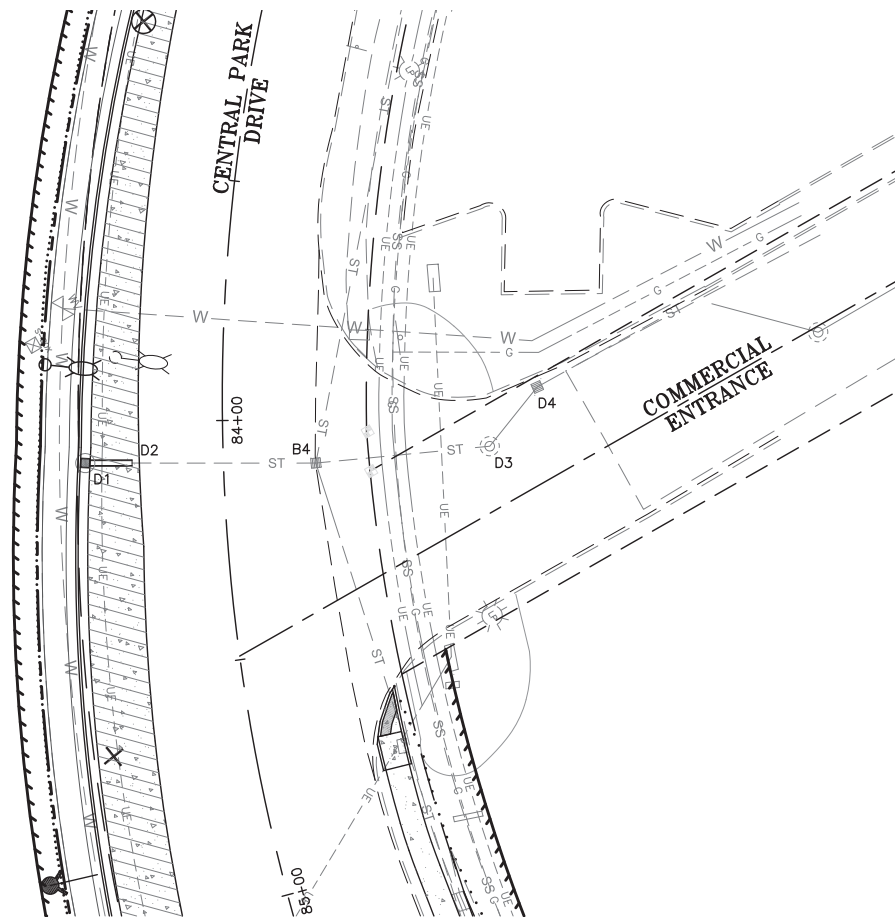
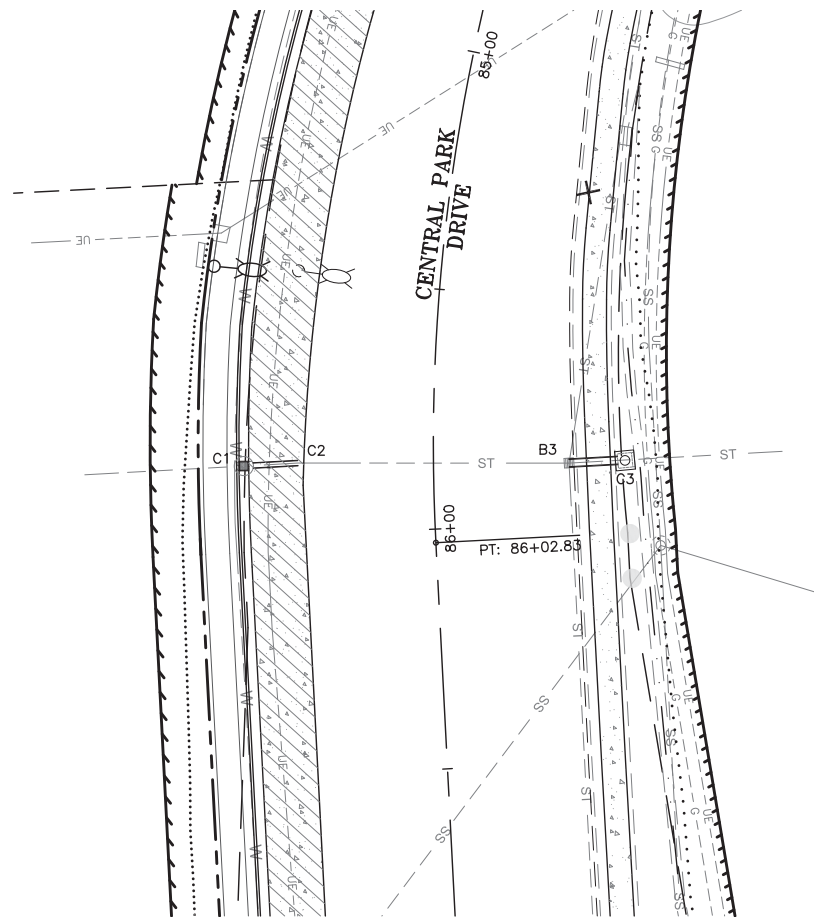


F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	



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Corporate Engineering  
Certificate # 000381



CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
33

COUNTY  
ST CLAIR

JOB NO.  
024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE  
12/5/17

DESCRIPTION  
CITY REVISIONS

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DESCRIPTION

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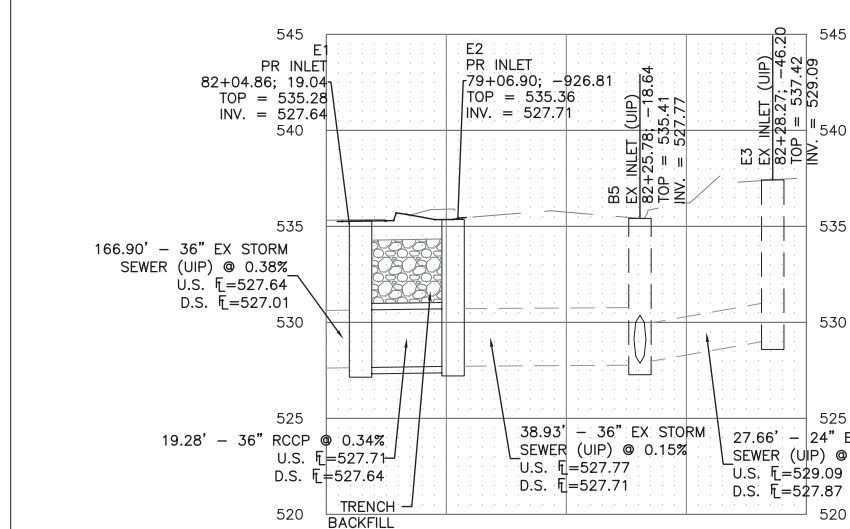
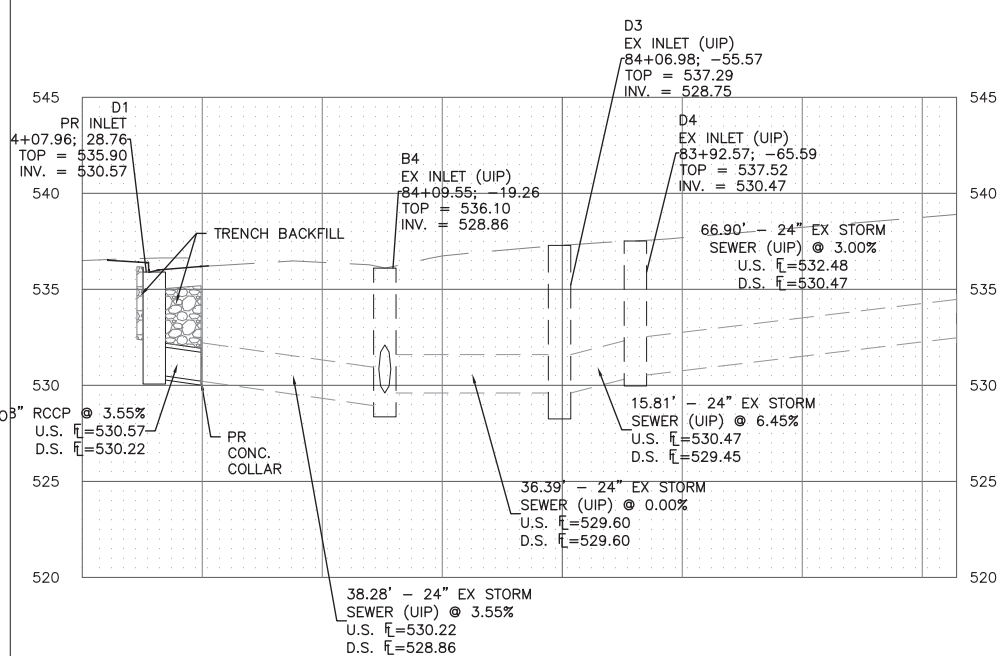
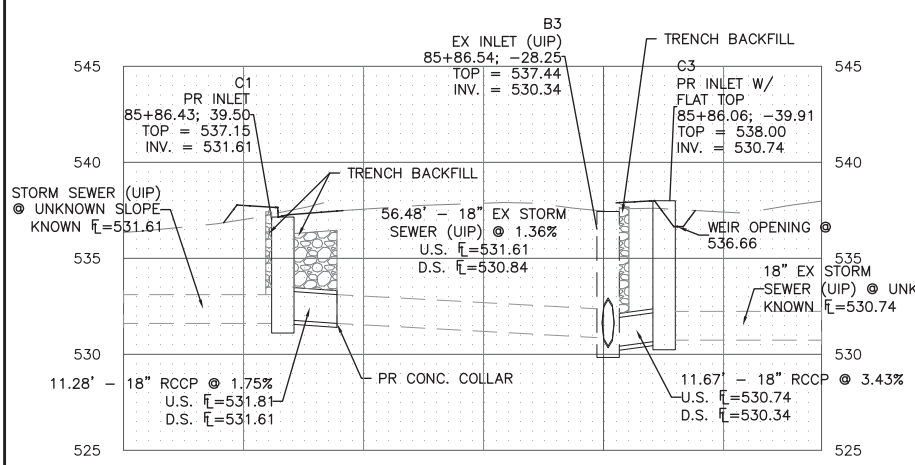
DATE

DESCRIPTION

DATE

DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- PROPOSED LEGEND**
- EX - EXISTING
  - PR - PROPOSED
  - UIP - USE IN PLACE
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  - ..... - GRADING LIMIT
  - [Symbol] - PR PCC ITEM
  - [Symbol] - PR 8" NON-REINFORCED PCC PAVEMENT
  - [Symbol] - PR 9" PCC PAVEMENT W/ PAV'T FABRIC & LIME MODIFIED SOIL
  - [Symbol] - PR HMA SHOULDER

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

**TRANSPORTATION ENGINEERS+PLANNERS**

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450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

**STORM SEWER DETAILS**

**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**



CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
34

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

CITY REVISIONS

DATE

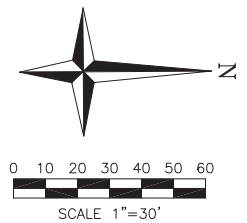
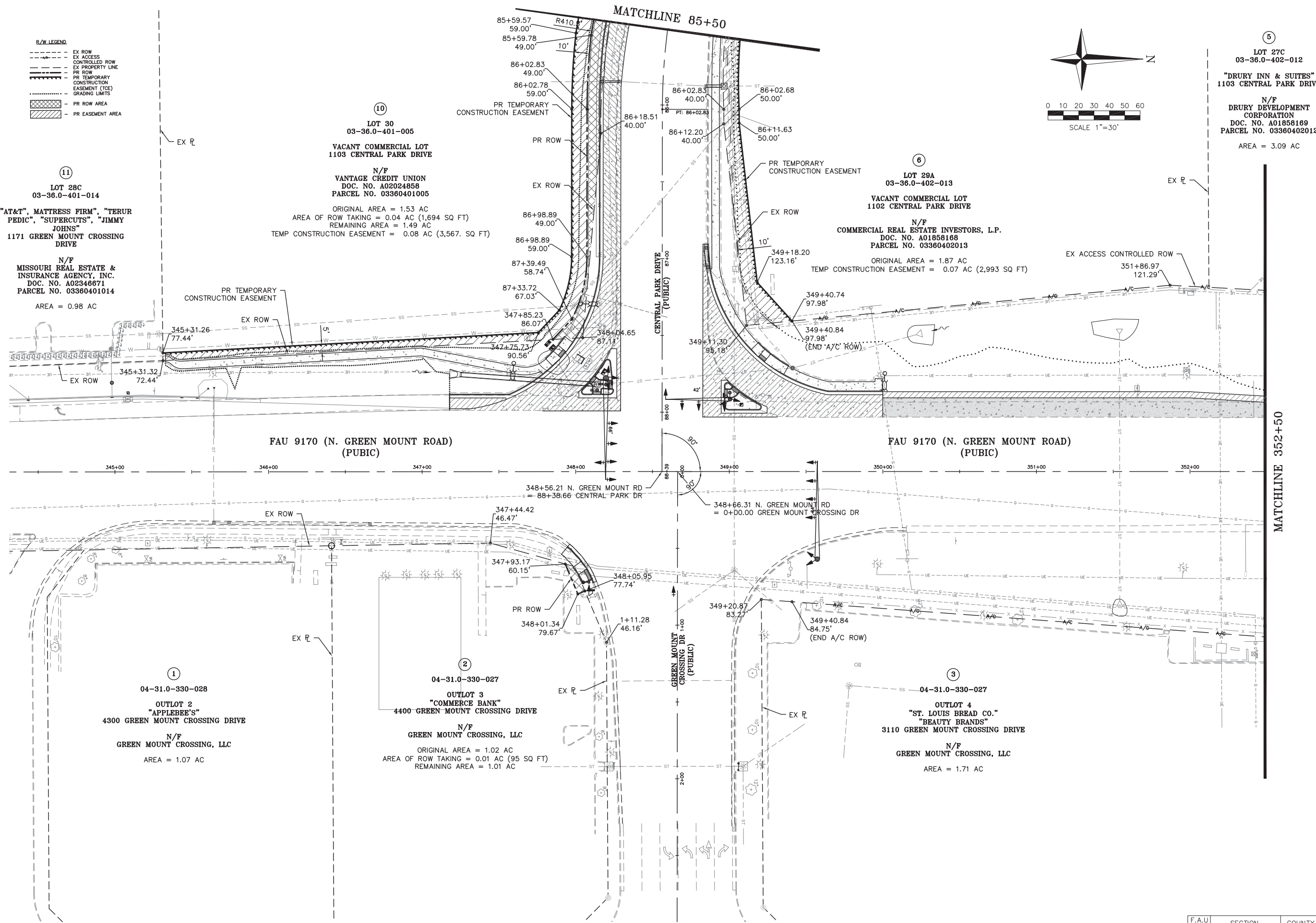
12/5/17

TRANSPORTATION  
ENGINEERS+PLANNERS

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(314) 878-6644

450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



5  
LOT 27C  
03-36.0-402-012  
"DRURY INN & SUITES"  
1103 CENTRAL PARK DRIVE  
N/F  
DRURY DEVELOPMENT  
CORPORATION  
DOC. NO. A01858169  
PARCEL NO. 03360402012  
AREA = 3.09 AC

R/W LEGEND

- EX ROW
- EX ACCESS
- CONTROLLED ROW
- EX PROPERTY LINE
- PR ROW
- PR TEMPORARY CONSTRUCTION EASEMENT (TCE)
- GRADING LIMITS
- PR ROW AREA
- PR EASEMENT AREA

11  
LOT 28C  
03-36.0-401-014  
"AT&T", "MATTRESS FIRM", "TERUR PEDIC", "SUPERCUTS", "JIMMY JOHNS"  
1171 GREEN MOUNT CROSSING DRIVE  
N/F  
MISSOURI REAL ESTATE & INSURANCE AGENCY, INC.  
DOC. NO. A02346671  
PARCEL NO. 03360401014  
AREA = 0.98 AC

10  
LOT 30  
03-36.0-401-005  
VACANT COMMERCIAL LOT  
1103 CENTRAL PARK DRIVE  
N/F  
VANTAGE CREDIT UNION  
DOC. NO. A02024858  
PARCEL NO. 03360401005  
ORIGINAL AREA = 1.53 AC  
AREA OF ROW TAKING = 0.04 AC (1,694 SQ FT)  
REMAINING AREA = 1.49 AC  
TEMP CONSTRUCTION EASEMENT = 0.08 AC (3,567. SQ FT)

6  
LOT 29A  
03-36.0-402-013  
VACANT COMMERCIAL LOT  
1102 CENTRAL PARK DRIVE  
N/F  
COMMERCIAL REAL ESTATE INVESTORS, L.P.  
DOC. NO. A01858168  
PARCEL NO. 03360402013  
ORIGINAL AREA = 1.87 AC  
TEMP CONSTRUCTION EASEMENT = 0.07 AC (2,993 SQ FT)

1  
04-31.0-330-028  
OUTLOT 2  
"APPLEBEE'S"  
4300 GREEN MOUNT CROSSING DRIVE  
N/F  
GREEN MOUNT CROSSING, LLC  
AREA = 1.07 AC

2  
04-31.0-330-027  
OUTLOT 3  
"COMMERCE BANK"  
4400 GREEN MOUNT CROSSING DRIVE  
N/F  
GREEN MOUNT CROSSING, LLC  
ORIGINAL AREA = 1.02 AC  
AREA OF ROW TAKING = 0.01 AC (95 SQ FT)  
REMAINING AREA = 1.01 AC

3  
04-31.0-330-027  
OUTLOT 4  
"ST. LOUIS BREAD CO."  
"BEAUTY BRANDS"  
3110 GREEN MOUNT CROSSING DRIVE  
N/F  
GREEN MOUNT CROSSING, LLC  
AREA = 1.71 AC

MATCHLINE 352+50

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

**RIGHT-OF-WAY PLANS**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS



CIVIL ENGINEER  
DATE PREPARED  
9/29/17

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
8 35

COUNTY  
ST. CLAIR

JOB NO.  
024-16

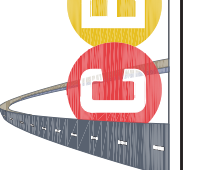
CONTRACT ID.

PROJECT NO.

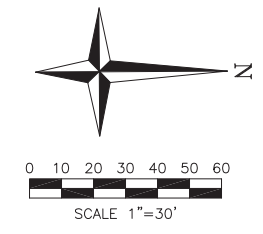
BRIDGE NO.

DATE	DESCRIPTION

**TRANSPORTATION ENGINEERS+PLANNERS**  
 12400 OLIVE BLVD., SUITE 430  
 ST. LOUIS, MO 63141  
 (314) 878-8644  
 450 COTTONWOOD RD., SUITE B  
 GLEN CARBON, IL 62034  
 (618) 656-2612  
 www.cbtraffic.com



**RIGHT-OF-WAY PLANS**  
 FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS



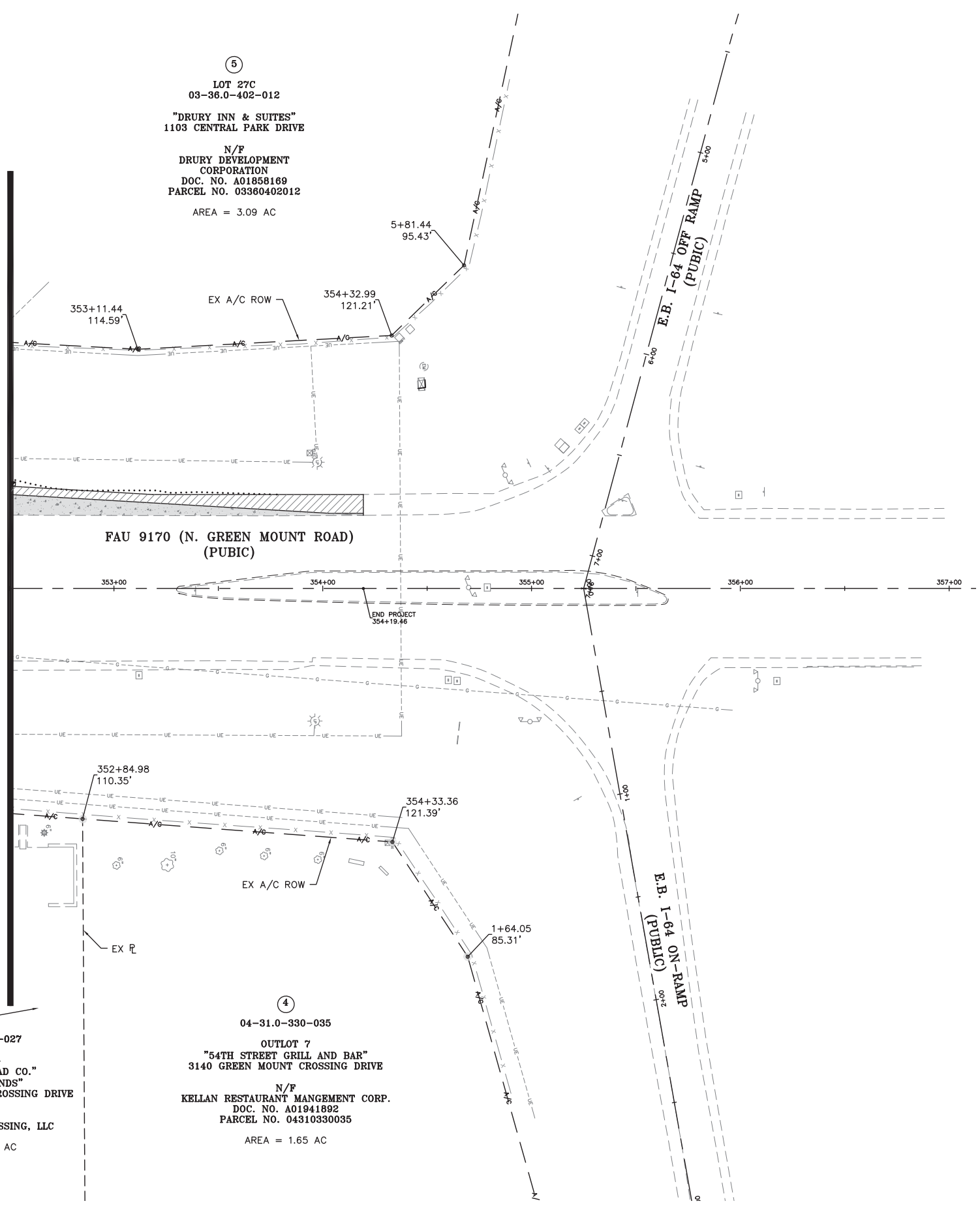
- R/W LEGEND**
- EX ROW
  - - - EX ACCESS
  - - - CONTROLLED ROW
  - - - EX PROPERTY LINE
  - - - PR ROW
  - - - PR TEMPORARY CONSTRUCTION
  - - - EASEMENT (TCE)
  - - - GRADING LIMITS
  - ▨ PR ROW AREA
  - ▨ PR EASEMENT AREA

⑤  
 LOT 27C  
 03-36.0-402-012  
**"DRURY INN & SUITES"**  
 1103 CENTRAL PARK DRIVE  
 N/F  
 DRURY DEVELOPMENT CORPORATION  
 DOC. NO. A01858189  
 PARCEL NO. 03360402012  
 AREA = 3.09 AC

③  
 04-31.0-330-027  
 OUTLOT 4  
**"ST. LOUIS BREAD CO."**  
**"BEAUTY BRANDS"**  
 3110 GREEN MOUNT CROSSING DRIVE  
 N/F  
 GREEN MOUNT CROSSING, LLC  
 AREA = 1.71 AC

④  
 04-31.0-330-035  
 OUTLOT 7  
**"54TH STREET GRILL AND BAR"**  
 3140 GREEN MOUNT CROSSING DRIVE  
 N/F  
 KELLAN RESTAURANT MANGEMENT CORP.  
 DOC. NO. A01941892  
 PARCEL NO. 04310330035  
 AREA = 1.65 AC

MATCHLINE 352+50

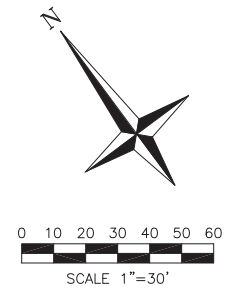
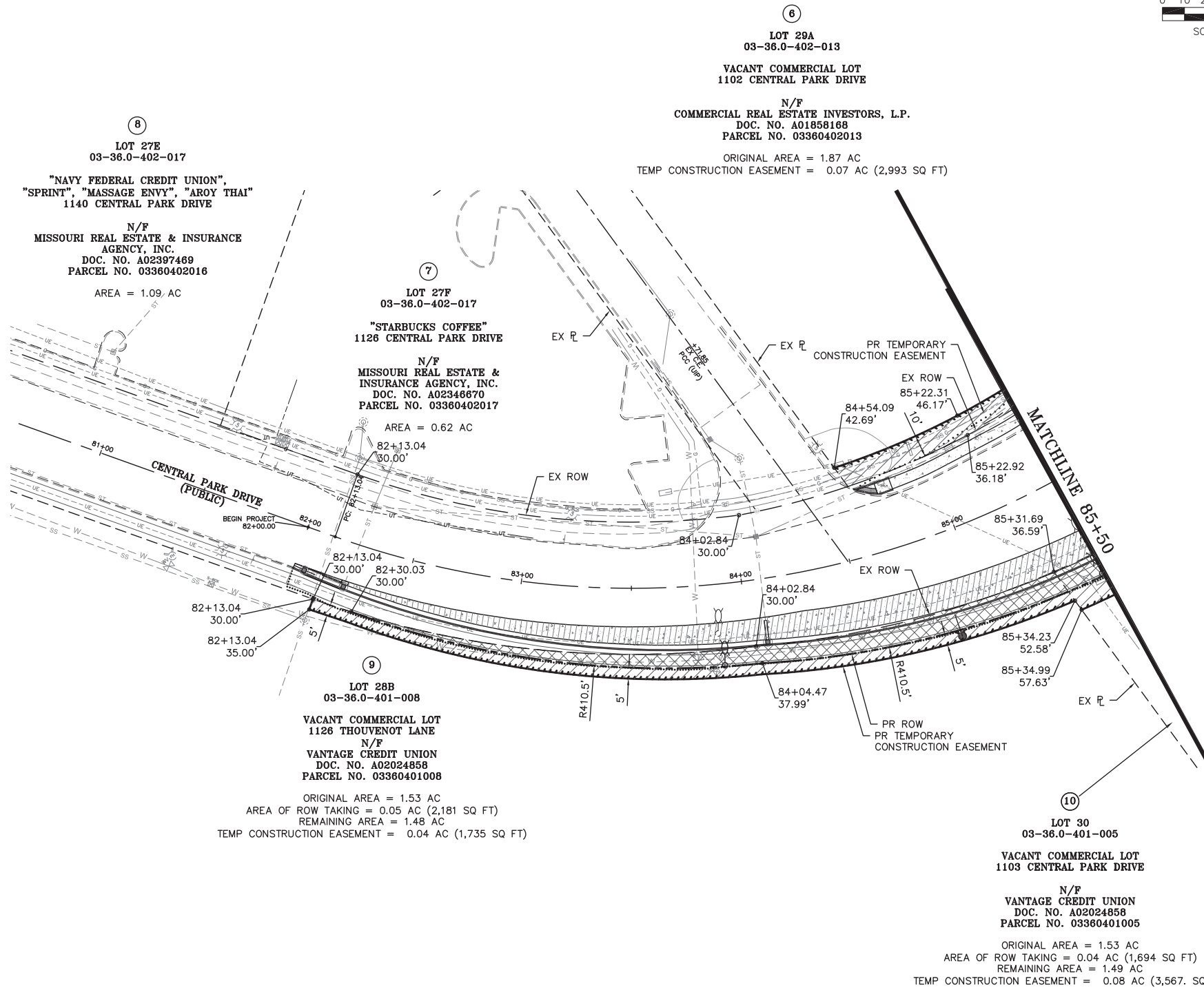


F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

R/W LEGEND

- EX ROW
- .- EX ACCESS
- .- CONTROLLED ROW
- .- EX PROPERTY LINE
- PR ROW
- .- PR TEMPORARY CONSTRUCTION EASEMENT (TCE) GRADING LIMITS
- ▨ PR ROW AREA
- ▩ PR EASEMENT AREA



CIVIL ENGINEER

DATE PREPARED

9/29/17

ROUTE STATE

8 IL

DISTRICT SHEET NO.

36

COUNTY

ST. CLAIR

JOB NO.

024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

**TRANSPORTATION ENGINEERS+PLANNERS**

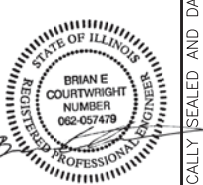
12400 OLIVE BLVD., SUITE 430  
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**RIGHT-OF-WAY PLANS**

**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**

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F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS		CONTRACT NO. 97657



CIVIL ENGINEER

DATE PREPARED

9/29/17

ROUTE STATE

8 IL

DISTRICT SHEET NO.

37

COUNTY

ST CLAIR

JOB NO.

024-16

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

CITY REVISIONS

DATE

12/5/17

TRANSPORTATION ENGINEERS+PLANNERS

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(314) 878-6644

450 COTTONWOOD RD, SUITE B

GLEN CARBON, IL 62034

(618) 656-2612

www.cbtraffic.com

SCALE 1"=10'

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SCALE 1"=10'

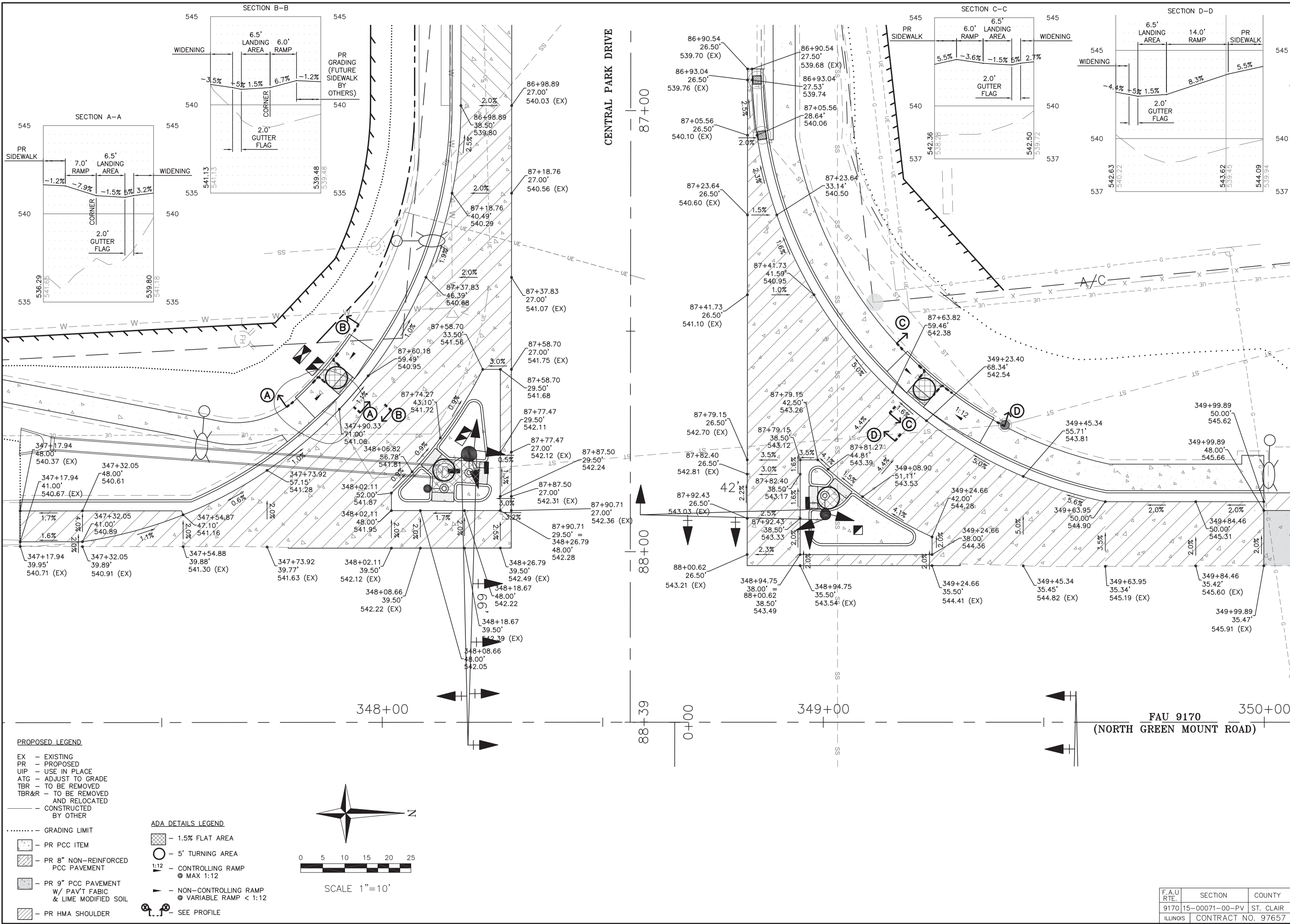
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SCALE 1"=10'

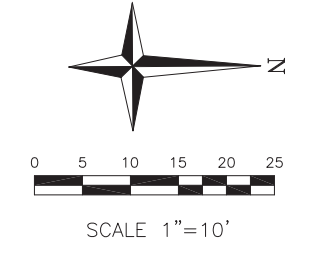
SCALE 1"=10'

SCALE 1"=10'

SCALE 1"=10'



- PROPOSED LEGEND**
- EX - EXISTING
  - PR - PROPOSED
  - UIP - USE IN PLACE
  - ATG - ADJUST TO GRADE
  - TBR - TO BE REMOVED
  - TBR&R - TO BE REMOVED AND RELOCATED
  - - - - - CONSTRUCTED BY OTHER
  - ..... GRADING LIMIT
  - [Symbol] PR PCC ITEM
  - [Symbol] PR 8" NON-REINFORCED PCC PAVEMENT
  - [Symbol] PR 9" PCC PAVEMENT W/ PAV'T FABRIC & LIME MODIFIED SOIL
  - [Symbol] PR HMA SHOULDER
- ADA DETAILS LEGEND**
- [Symbol] - 1.5% FLAT AREA
  - [Symbol] - 5' TURNING AREA
  - [Symbol] - CONTROLLING RAMP @ MAX 1:12
  - [Symbol] - NON-CONTROLLING RAMP @ VARIABLE RAMP < 1:12
  - [Symbol] - SEE PROFILE



F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

**SIDEWALK RAMP DETAILS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
38

COUNTY  
ST. CLAIR

JOB NO.  
024-16

CONTRACT ID.

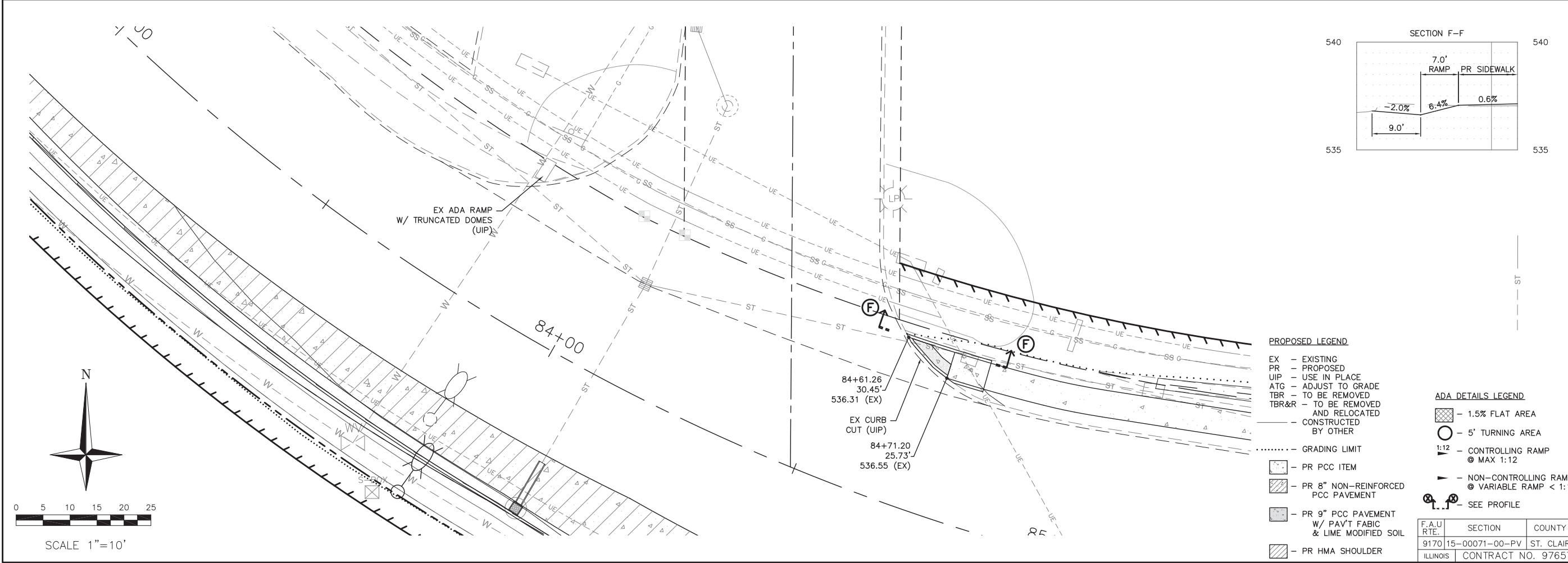
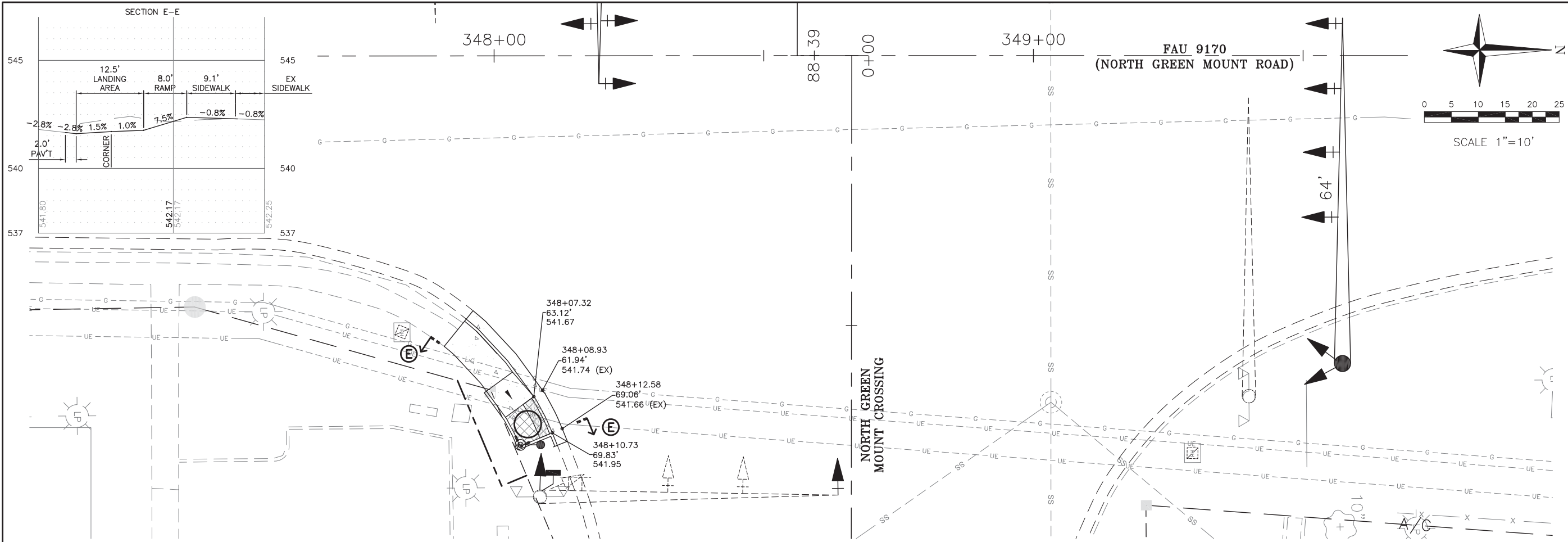
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

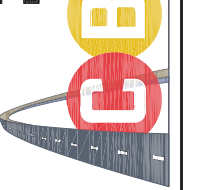


- PROPOSED LEGEND**
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  - PR - PROPOSED
  - UIP - USE IN PLACE
  - ATG - ADJUST TO GRADE
  - TBR - TO BE REMOVED
  - TBR&R - TO BE REMOVED AND RELOCATED
  - - - - - CONSTRUCTED BY OTHER
  - ..... GRADING LIMIT
  - [Pattern] PR PCC ITEM
  - [Pattern] PR 8" NON-REINFORCED PCC PAVEMENT
  - [Pattern] PR 9" PCC PAVEMENT W/ PAV'T FABRIC & LIME MODIFIED SOIL
  - [Pattern] PR HMA SHOULDER
- ADA DETAILS LEGEND**
- [Pattern] - 1.5% FLAT AREA
  - [Symbol] - 5' TURNING AREA
  - 1:12 - CONTROLLING RAMP
  - ⊙ MAX 1:12
  - ▶ - NON-CONTROLLING RAMP
  - ⊙ VARIABLE RAMP < 1:12
  - [Symbol] - SEE PROFILE
- | F.A.U. RTE. | SECTION            | COUNTY    |
|-------------|--------------------|-----------|
| 9170        | 15-00071-00-PV     | ST. CLAIR |
| ILLINOIS    | CONTRACT NO. 97657 |           |

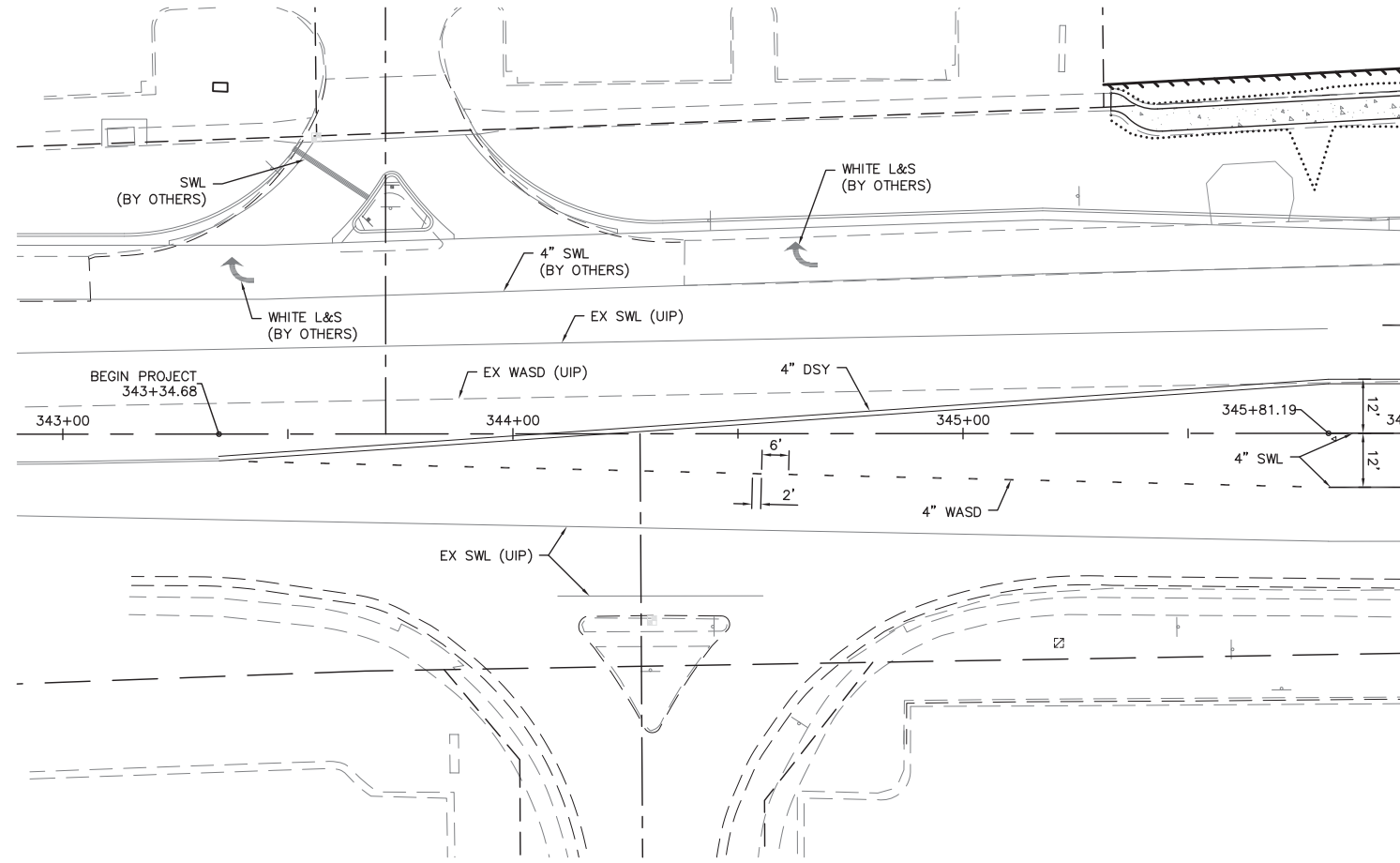
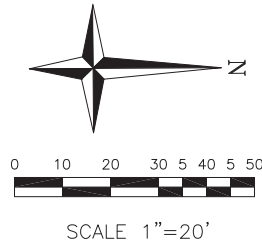
**TRANSPORTATION ENGINEERS+PLANNERS**

12400 OLIVE BLVD, SUITE 430  
ST. LOUIS, MO 63141  
(314) 877-6644

450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612  
www.cbtraffic.com

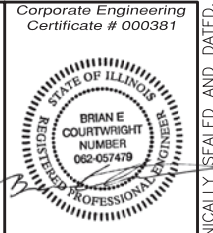


**SIDEWALK RAMP DETAILS**  
**FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS**



**PAVEMENT MARKING LEGEND**

- SWL - SOLID WHITE LINE
- WSD - WHITE SKIP DASH
- WASD - WHITE ABBREVIATED SKIP DASH
- SYL - SOLID YELLOW LINE
- DSY - DOUBLE SOLID YELLOW LINE
- L&S - LETTER & SYMBOLS
- ▲ - PROPOSED SIGN
- △ - PROPOSED ONE WAY WHITE RRPM

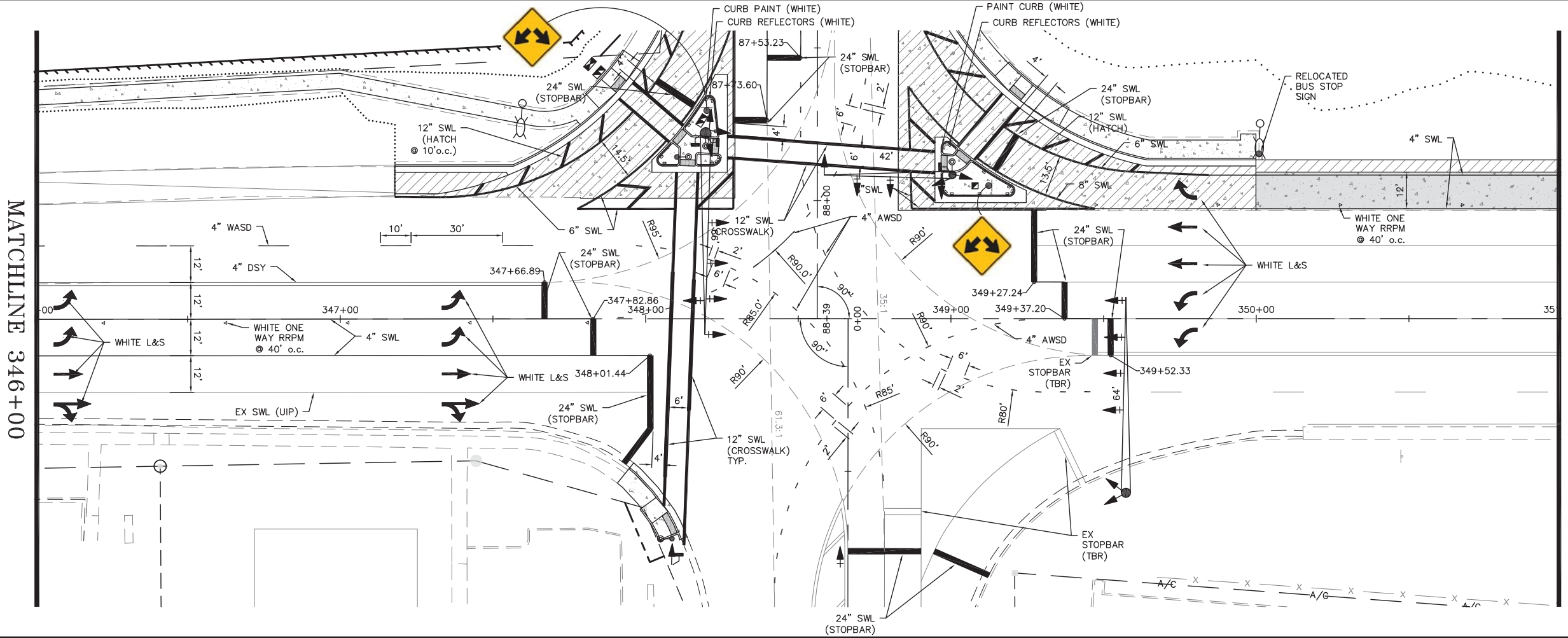
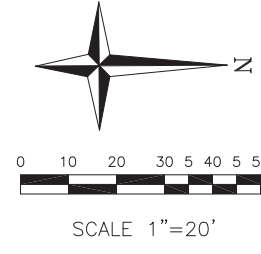


**CIVIL ENGINEER**  
 DATE PREPARED: 9/29/17  
 ROUTE: STATE IL  
 DISTRICT: 8 SHEET NO. 39  
 COUNTY: ST. CLAIR  
 JOB NO.: 024-16  
 CONTRACT ID.:  
 PROJECT NO.:  
 BRIDGE NO.:

DATE	DESCRIPTION

**TRANSPORTATION ENGINEERS+PLANNERS**  
 13409 OLIVE BLVD. SUITE 430  
 ST. LOUIS, MO 63141  
 (314) 878-8644  
 450 COTTONWOOD RD. SUITE B  
 GLEN CARBON, IL 62034  
 (618) 656-2612  
 www.cbtraffic.com

**PAVEMENT MARKING PLAN**  
 FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE  
 OF FALLON, ILLINOIS



F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CIVIL ENGINEER

DATE PREPARED

9/29/17

ROUTE STATE

8 IL

DISTRICT SHEET NO.

40

COUNTY

ST CLAIR

JOB NO.

024-16

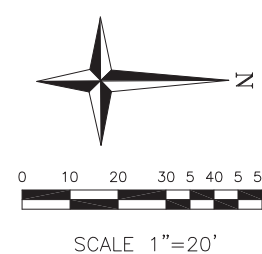
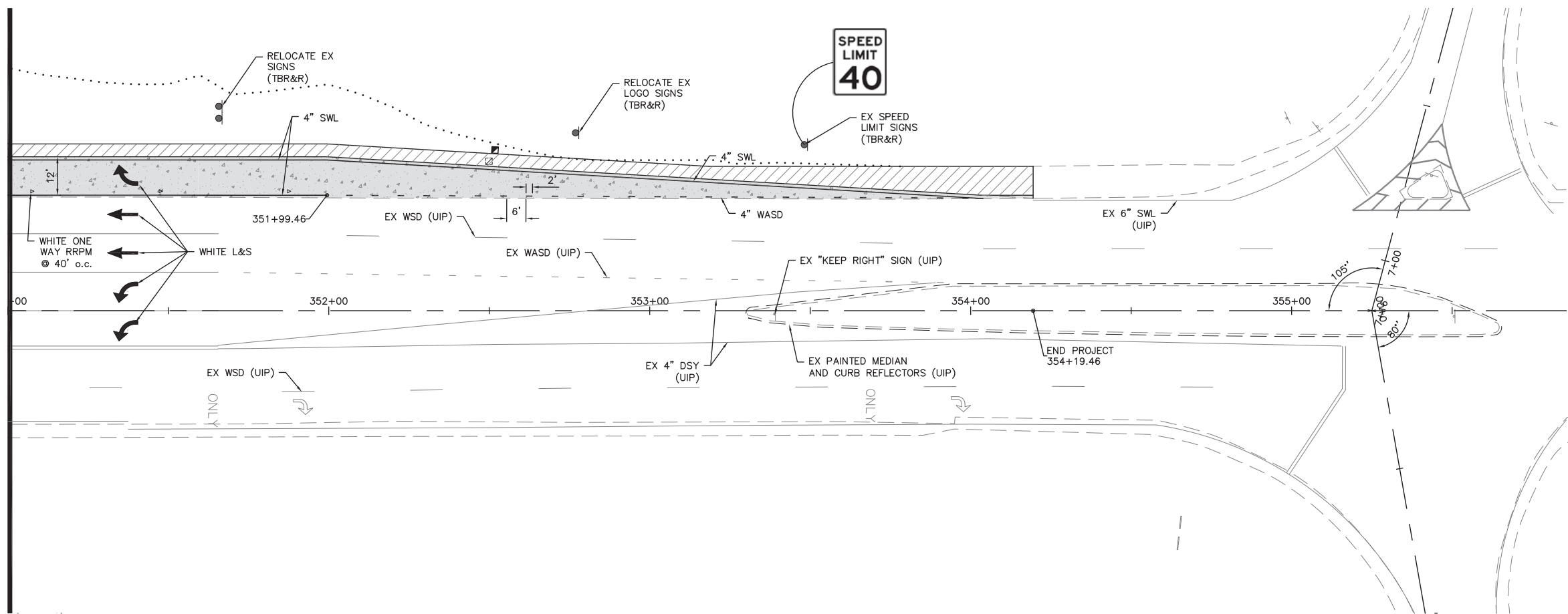
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE 351+00



- PAVEMENT MARKING LEGEND**
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  - PROPOSED SIGN
  - PROPOSED ONE WAY WHITE RRP

**TRANSPORTATION ENGINEERS+PLANNERS**

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**PAVEMENT MARKING PLAN**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	





CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE STATE  
8 IL

DISTRICT SHEET NO.  
41

COUNTY  
ST CLAIR

JOB NO.  
024-16

CONTRACT ID.

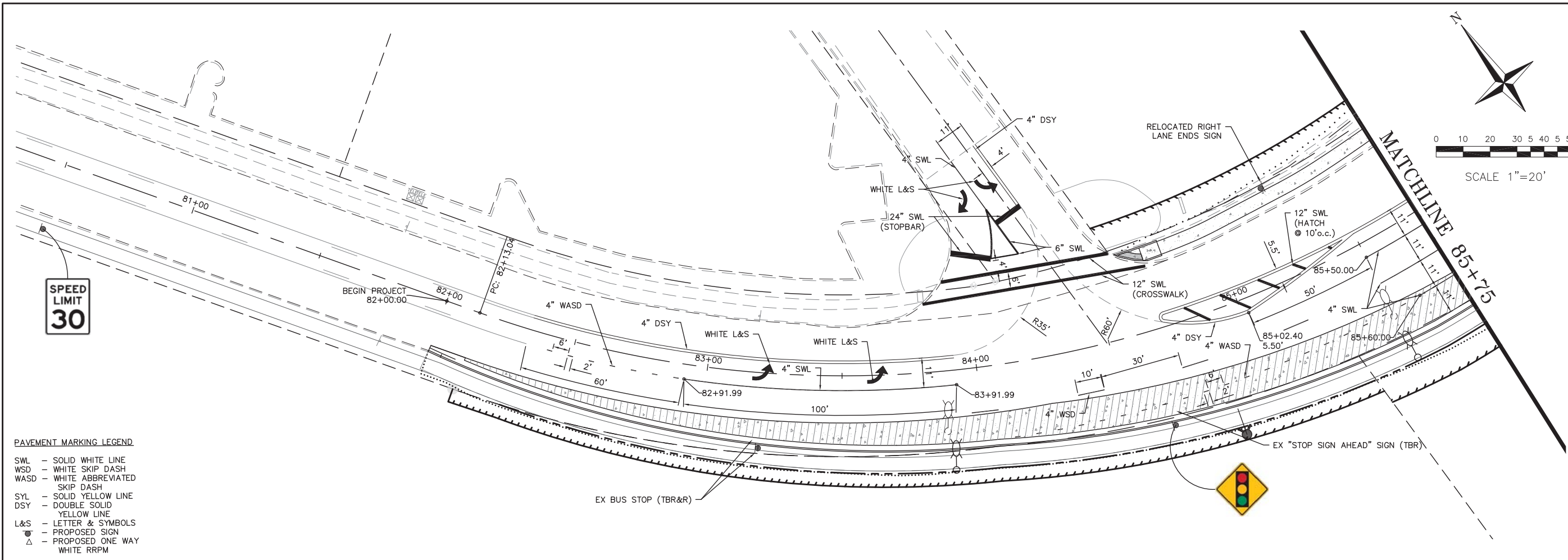
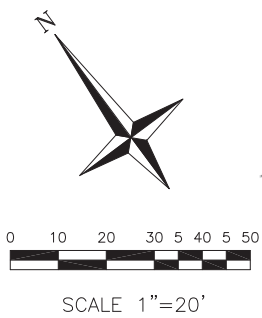
PROJECT NO.

BRIDGE NO.

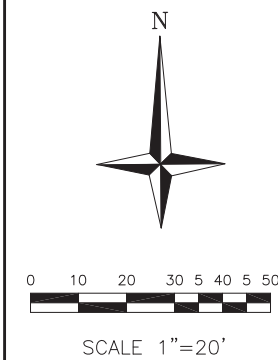
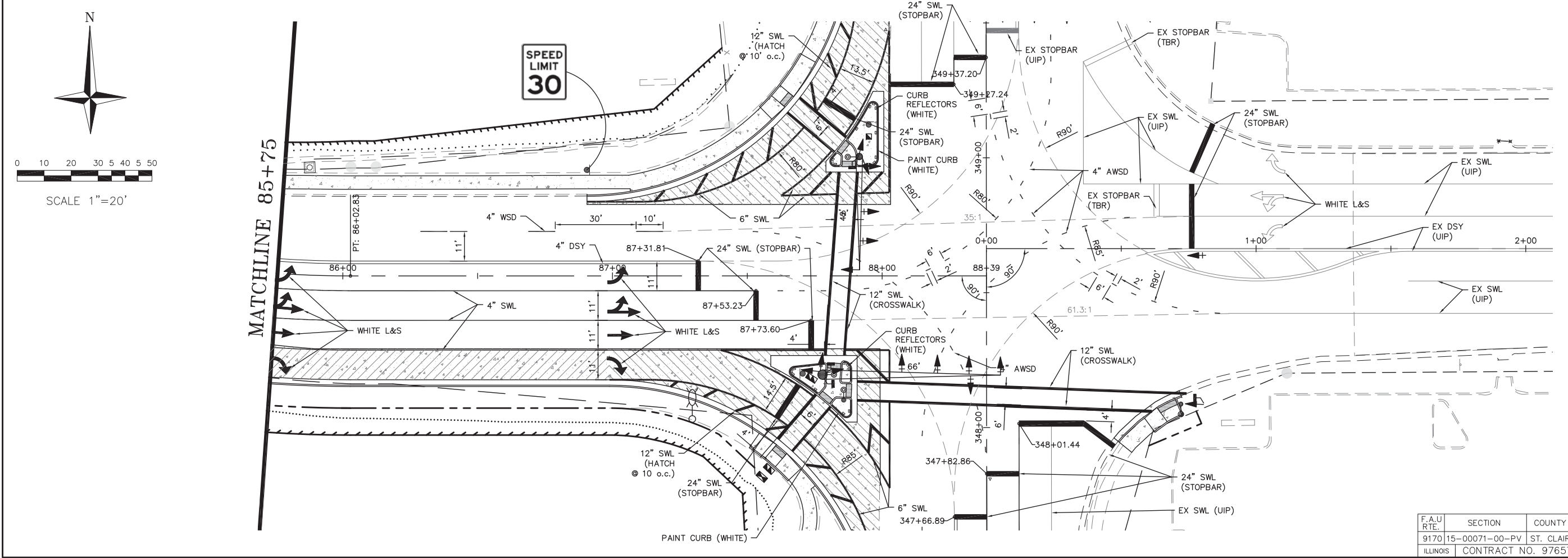
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DATE

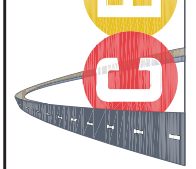
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GLEN CARBON, IL 62034  
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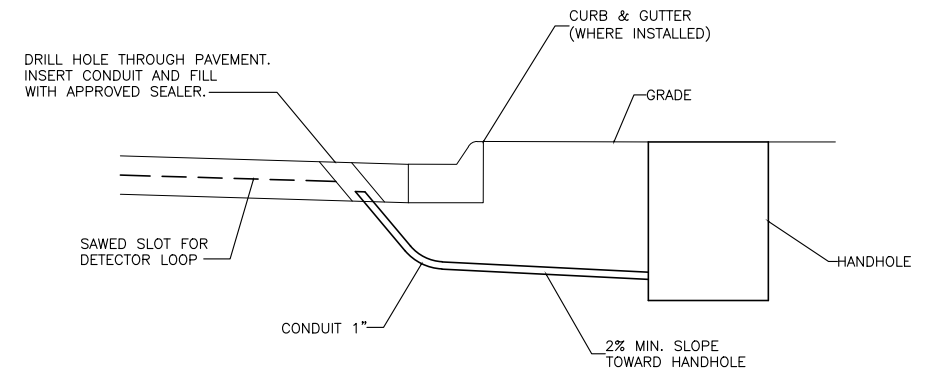


**PAVEMENT MARKING PLAN**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS

F.A.U. RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	

**SCHEDULE OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
Z0033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	2
72000100	SIGN PANEL - TYPE 1	SQ FT	41.3
80300100	LOCATING UNDERGROUND CABLE	FOOT	1030
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	222
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	110
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	345
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	92
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	226
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	84
81400100	HANDHOLE	EACH	2
81400300	DOUBLE HANDHOLE	EACH	2
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	557
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	592
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4555
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1368
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4549
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3C	FOOT	228
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	592
87601100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	2
87700250	STEEL MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
87700408	STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.	EACH	1
87700414	STEEL MAST ARM ASSEMBLY AND POLE, 66 FT.	EACH	1
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	46
87900200	DRILL EXISTING HANDHOLE	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	11
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2
88040310	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED	EACH	1
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	13
88500100	INDUCTIVE LOOP DETECTOR	EACH	13
88600100	DETECTOR LOOP, TYPE I	FOOT	5401
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT - INTERSECTION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - INTERSECTION	EACH	1



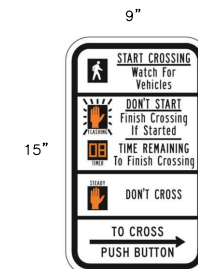
**DETAIL  
DETECTOR LOOP LEAD-IN  
WITH CURB & GUTTER**

DETAIL A



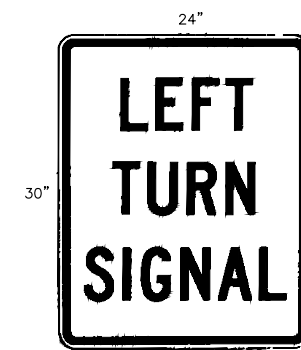
R10-3EL  
SIGN PANEL-TYPE 1

DETAIL B



R10-3ER  
SIGN PANEL-TYPE 1

DETAIL C

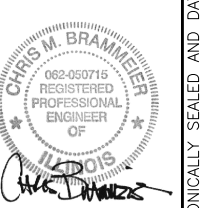


R10-10L  
SIGN PANEL-TYPE 1

**TRAFFIC AND STREET NAME SIGNS**

(NOT TO SCALE)  
 DETAIL A - 2 EACH REQUIRED, MAST ARM MOUNTED, SIGN PANEL-TYPE 1  
 DETAIL B - 2 EACH REQUIRED, MAST ARM MOUNTED, SIGN PANEL-TYPE 1  
 DETAIL C - 7 EACH REQUIRED, MAST ARM MOUNTED, SIGN PANEL-TYPE 1

STANDARD 720016  
STYLE F



CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE STATE  
IL

DISTRICT SHEET NO.  
8 42

COUNTY  
ST CLAIR

JOB NO.  
024-16

CONTRACT ID.  
97657

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
12/5/17 <td>CITY REVISIONS</td>	CITY REVISIONS
1/3/18 <td>IDOT REVISION</td>	IDOT REVISION
2/23/18 <td>TEMP. SIGNAL ADDED</td>	TEMP. SIGNAL ADDED

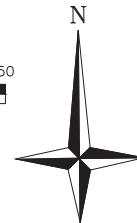
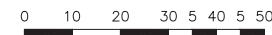
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 12400 OLIVE BLVD. SUITE 430  
 ST. LOUIS, MO 63141  
 (314) 878-6844  
 450 COTTONWOOD RD. SUITE B  
 GLEN CARBON, IL 62034  
 (618) 656-2612  
 www.cbbtraffic.com

**TRAFFIC SIGNAL PLAN  
(SCHEDULE OF QUANTITIES)**  
 FAU 9170 (NORTH GREEN  
 MOUNT ROAD)  
 & CENTRAL PARK DRIVE  
 OFALLON, ILLINOIS

**CONTROLLER PHASING**

PROPOSED											
PHASE $\phi$	1	2	3	4	5	6	7	8	OLA	OLB	OLC
MOVEMENT	NB LT	SB	EB	WB	SB LT	NB			EB RT	SB RT	WB RT
CONCURRENT MOVEMENT PERMITTED	5 or 6	5 or 6			1 or 2	1 or 2	NOT USED	NOT USED	1	3	5

MATCH LINE STA. 350+50



Corporate Engineering Certificate # 000381



CIVIL ENGINEER

DATE PREPARED 9/29/17

ROUTE STATE IL

DISTRICT 8 SHEET NO. 43

COUNTY ST CLAIR

JOB NO. 024-16

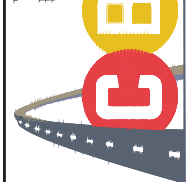
CONTRACT ID. 97657

PROJECT NO.

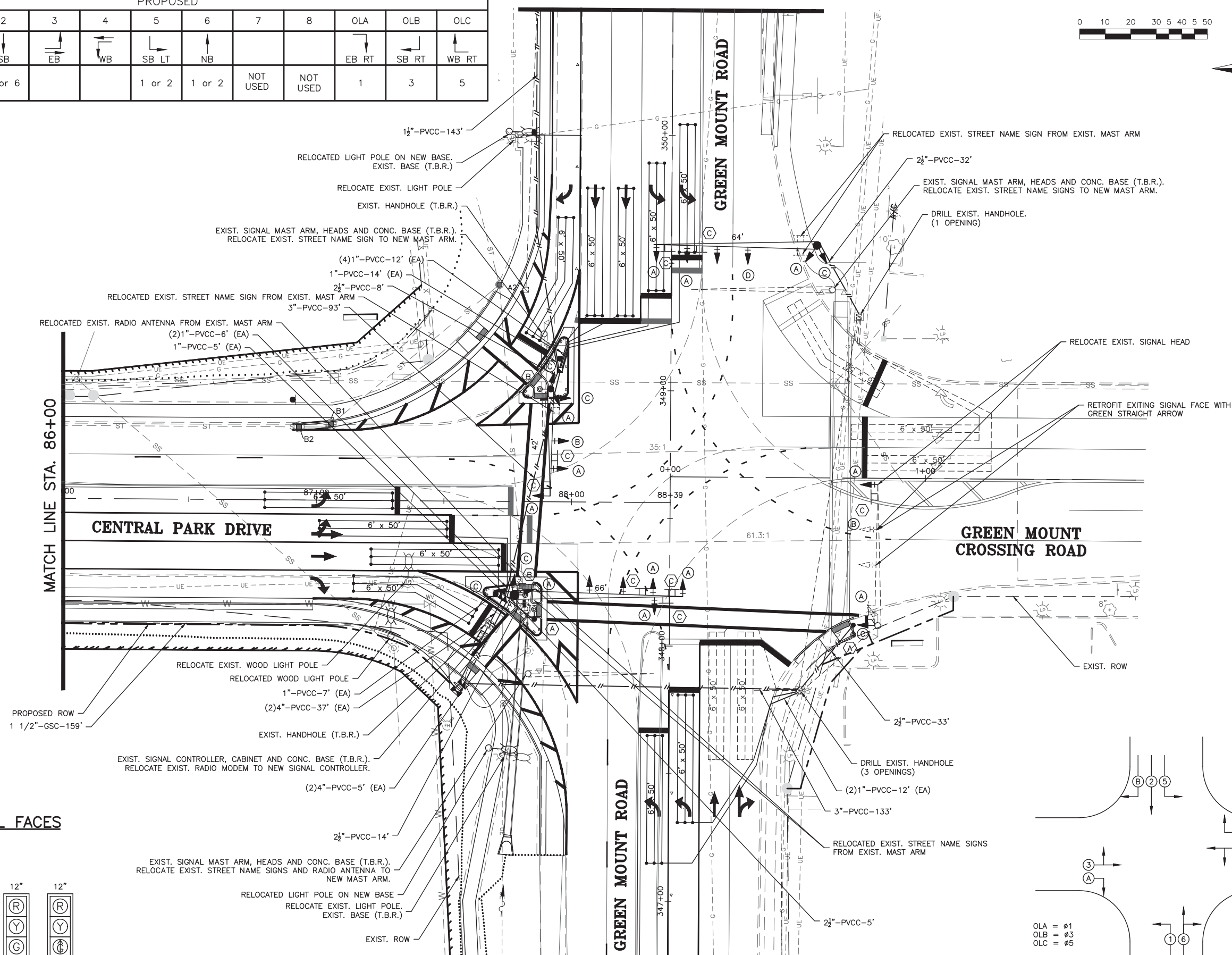
BRIDGE NO.

DATE	DESCRIPTION
12/5/17	CITY REVISIONS

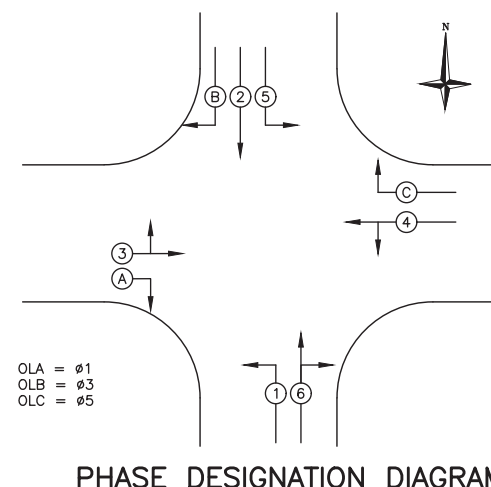
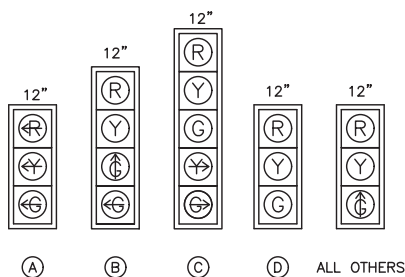
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 (314) 878-8644  
 450 COTTONWOOD RD. SUITE B  
 GLEN CARBON, IL 62034  
 (618) 656-2612  
 www.cbtraffic.com



**TRAFFIC SIGNAL PLAN (PLAN SHEET)**  
 FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS

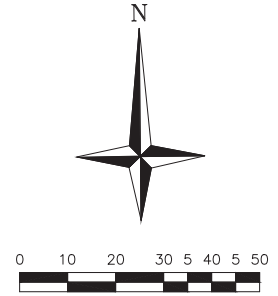
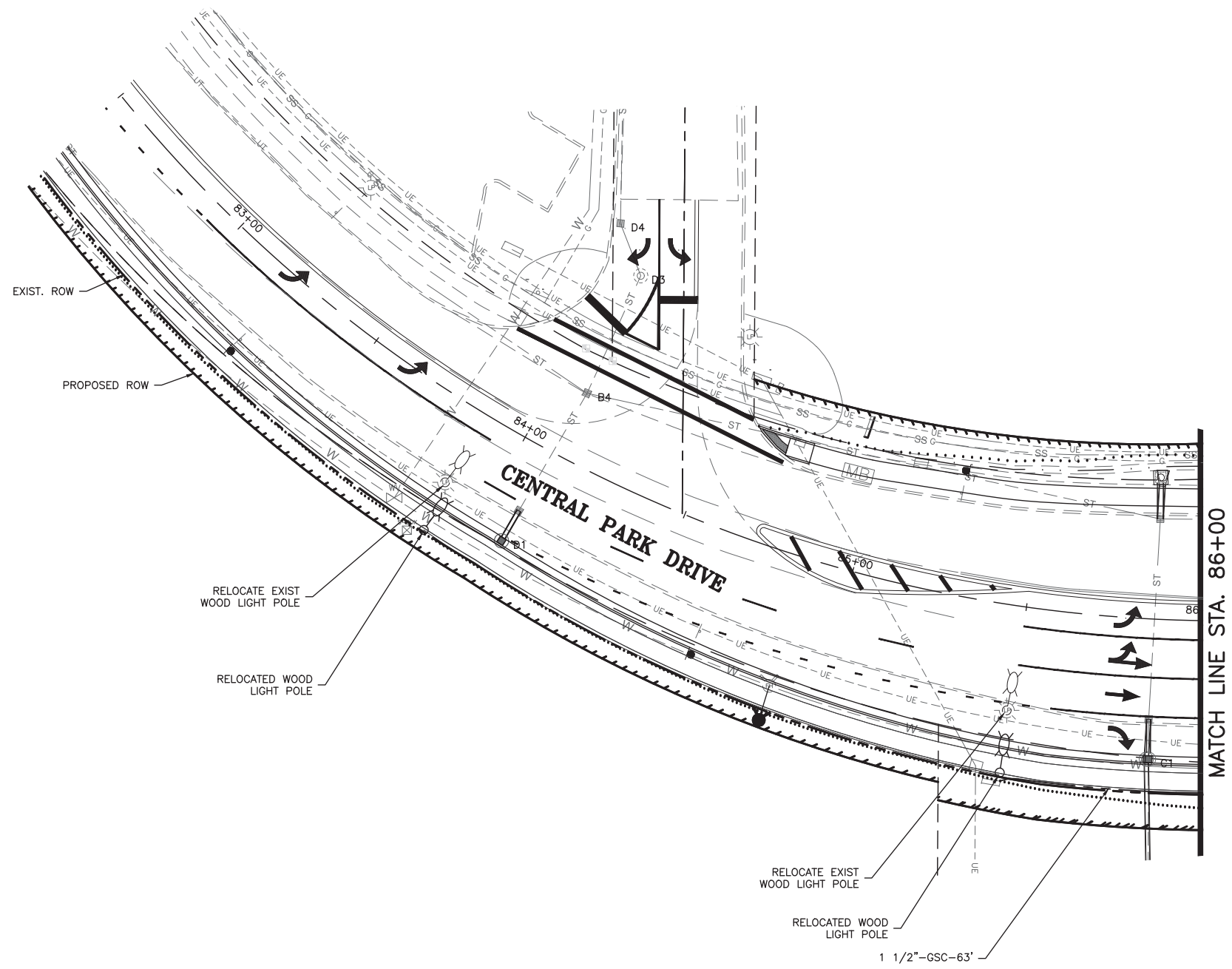


**TRAFFIC SIGNAL FACES**



MATCH LINE STA. 346+75

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



Corporate Engineering  
Certificate # 000381



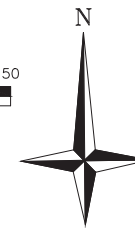
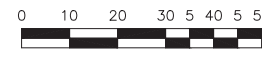
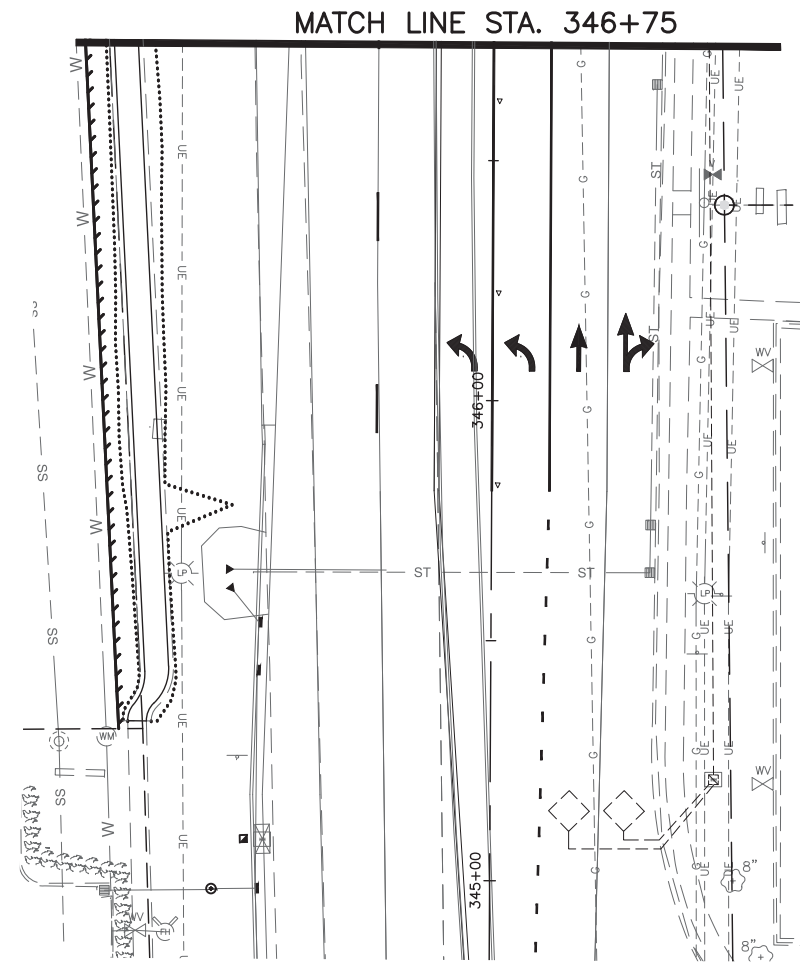
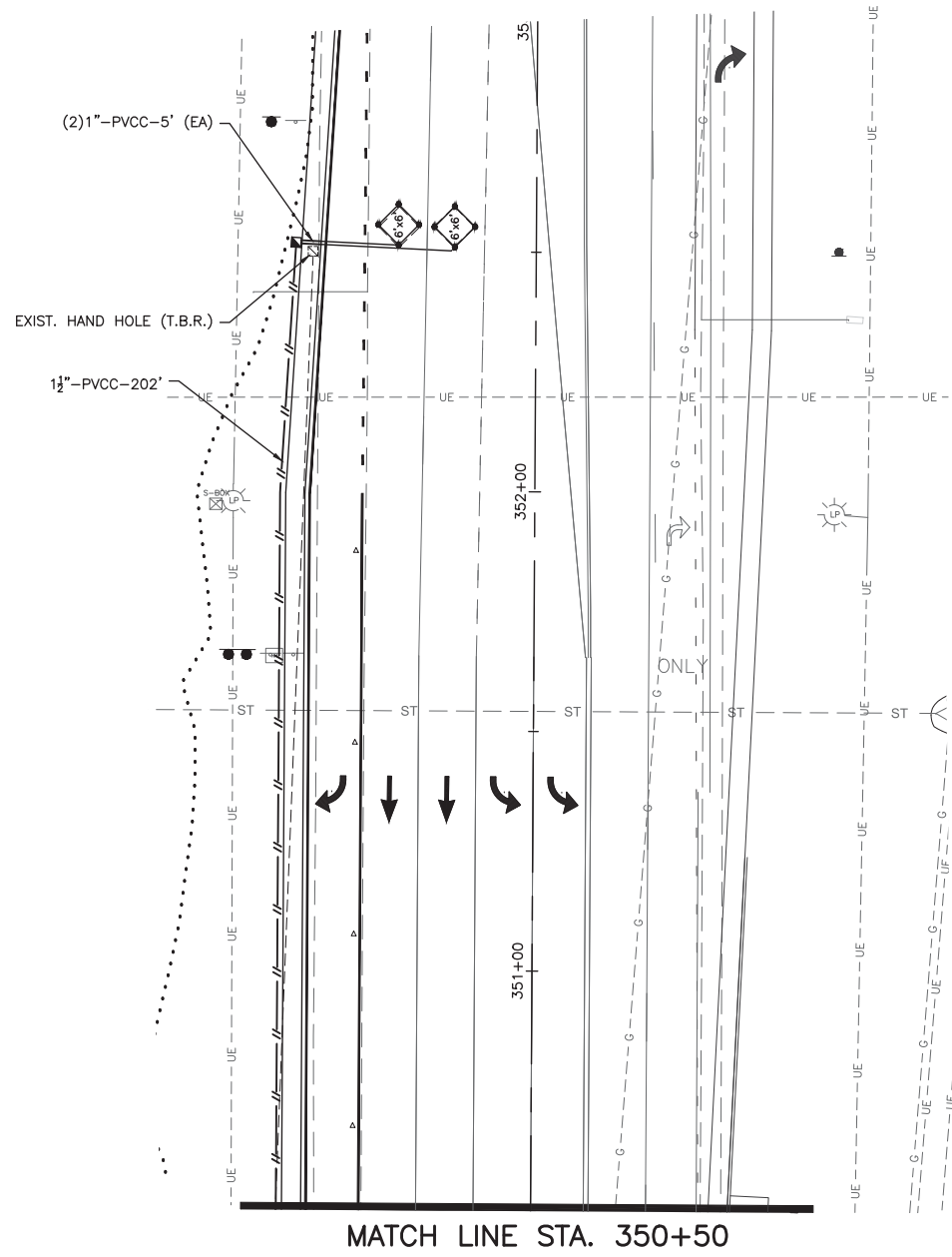
CIVIL ENGINEER  
DATE PREPARED  
**9/29/17**  
ROUTE STATE  
DISTRICT SHEET NO.  
**8 44**  
COUNTY  
**ST CLAIR**  
JOB NO.  
**024-16**  
CONTRACT ID.  
**97657**  
PROJECT NO.  
BRIDGE NO.

DATE	DESCRIPTION

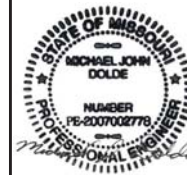
**TRANSPORTATION ENGINEERS+PLANNERS**  
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ST. LOUIS, MO 63141  
(314) 878-8644  
450 COTTONWOOD RD, SUITE B  
GLEN CARBON, IL 62034  
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www.cbtraffic.com

**TRAFFIC SIGNAL PLAN  
(PLAN SHEET)**  
**FAU 9170 (NORTH GREEN  
MOUNT ROAD)  
& CENTRAL PARK DRIVE  
O'FALLON, ILLINOIS**

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



Corporate Engineering Certificate # 000381



CIVIL ENGINEER

DATE PREPARED  
9/29/17

ROUTE IL

DISTRICT 8 SHEET NO. 45

COUNTY ST CLAIR

JOB NO. 024-16

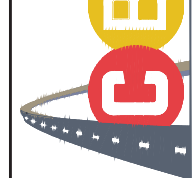
CONTRACT ID. 97657

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

**TRANSPORTATION ENGINEERS+PLANNERS**  
 12400 OLIVE BLVD, SUITE 430  
 ST. LOUIS, MO 63141  
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 GLEN CARBON, IL 62034  
 (618) 656-2612  
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TRAFFIC SIGNAL PLAN  
(PLAN SHEET)  
 FAU 9170 (NORTH GREEN  
 MOUNT ROAD)  
 & CENTRAL PARK DRIVE  
 O'FALLON, ILLINOIS

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**ELECTRICAL GENERAL NOTES:**

- ALL VEHICLE SIGNAL HEADS SHALL BE POLYCARBONATE AND HAVE 12 INCH L.E.D. INDICATIONS. ALL MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. THE CONTROLLER CABINET SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SIEZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- BACKPLATES SHALL BE ABS PLASTIC.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLES. ALL MAST ARMS AND POLES SHALL BE GALVANIZED.
- DEPTHS OF CONCRETE FOUNDATIONS FOR MAST ARM SUPPORTS (DETERMINED BY TABLE ON STANDARD 878001) ARE:
  - N.E. CORNER - 21'-0" (42" DIA.)
  - N.W. CORNER - 13'-0" (36" DIA.)
  - S.E. CORNER - USE IN PLACE
  - S.W. CORNER - 25'-0" (42" DIA.)
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER, UNLESS OTHERWISE SPECIFIED. FIELD WIRES SHALL BE LANDED AT CONTROLLER OUTPUT TERMINALS USING IDOT APPROVED SOLDERLESS CONNECTORS.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER ARTICLE 873.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD DRAWING 886001. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD. ROSIN-CORE SOLDER SHALL BE USED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(a)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED. THEY SHALL BE RACK MOUNTED.
- ANCHOR BOLTS, NUTS, AND WASHERS REQUIRED WITH TYPE D FOUNDATION SHALL BE INCLUDED IN THE PAY ITEM **"FULL-ACTUATED CONTROLLER AND TYPE IV CABINET."**
- CONCRETE FOUNDATIONS AND ALL RELATED HARDWARE REQUIRED FOR INSTALLATION SHALL BE INCLUDED WITH THE PAY ITEM **"PEDESTRIAN PUSH-BUTTON POST, TYPE I"** PER ARTICLE 876. FOUNDATIONS SHALL BE CONSTRUCTED PER STANDARD PLAN 8760001.
- A 1/4" NYLON PULL ROPE SHALL BE FURNISHED AND INSTALLED IN ALL SIGNAL CONDUITS, THIS WORK SHALL BE INCLUDED WITH THE CONDUIT PAY ITEMS.

**DETECTOR LOOP REQUIREMENTS & CALCULATIONS  
FAS 747 (ILLINOIS 109) AND WEST COUNTY ROAD**

LOOP	PHASE	LOOP SIZE (FEET)	REQUIRED NO. OF TURNS	CALCULATED INDUCTANCE (microhenries) $\mu$ H	CALCULATED RESISTANCE (ohms) $\Omega$
SB RT	2	6' x 50'	3-6-3	825.4	2.49
SB THRU	2	6' x 50'	3-6-3	827.6	2.54
SB THRU	2	6' x 50'	3-6-3	829.6	2.58
SB LT	5	6' x 50'	3-6-3	834.4	2.69
SB LT	5	6' x 50'	3-6-3	840.1	2.82
SB CCO 1	2	6' x 6'	6	368.4	3.01
SB CCO 2	2	6' x 6'	6	371.0	3.07
NB LT	1	6' x 50'	3-6-3	842.5	2.88
NB LT	1	6' x 50'	3-6-3	837.3	2.76
EB RT	3	6' x 50'	3-6-3	803.6	1.99
EB THRU	3	6' x 50'	3-6-3	803.2	1.98
EB THRU/LT	3	6' x 50'	3-6-3	810.9	2.16
EB LT	3	6' x 50'	3-6-3	818.3	2.33

**GENERAL NOTES:**

- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATION.

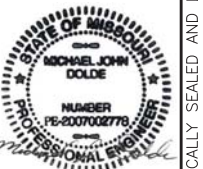
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JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123

**TRAFFIC SIGNAL LEGEND**

- PROPOSED TRAFFIC SIGNAL MAST ARM W/STREET NAME SIGN & TRAFFIC SIGNAL SIGN
- PROPOSED SIGNAL HEAD
- PROPOSED SIGNAL HEAD W/BACKPLATE
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED DETECTOR LOOP
- PROPOSED CONDUIT: 'T' TRENCH, 'P' PUSHED, SIZE SPECIFIED
- G.S.C. GALVANIZED STEEL CONDUIT
- P.V.C.C. POLYVINYL CHLORIDE CONDUIT
- STREET NAME SIGN ON MAST ARM
- TRAFFIC SIGN ON MAST ARM
- STREET NAME OR TRAFFIC SIGN

**STANDARDS**

- 000001 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 720016 MAST ARM MOUNTED STREET NAME SIGNS
- 805001 ELECTRIC SERVICE INSTALLATION DETAILS
- 814001 HANDHOLES
- 814006 DOUBLE HANDHOLES
- 857001 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 873001 TRAFFIC SIGNAL GROUNDING & BONDING
- 876001 PEDESTRIAN PUSH BUTTON POST
- 877001 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877003 STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
- 878001 CONCRETE FOUNDATION DETAILS
- 880006 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001 DETECTOR LOOP INSTALLATIONS
- 886006 TYPICAL LAYOUTS FOR DETECTION LOOPS



CIVIL ENGINEER

DATE PREPARED

9/29/17

ROUTE STATE

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COUNTY

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JOB NO.

024-16

CONTRACT ID.

97657

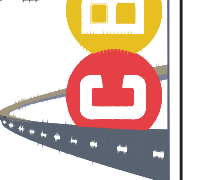
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BRIDGE NO.

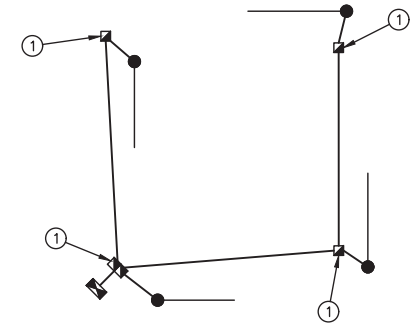
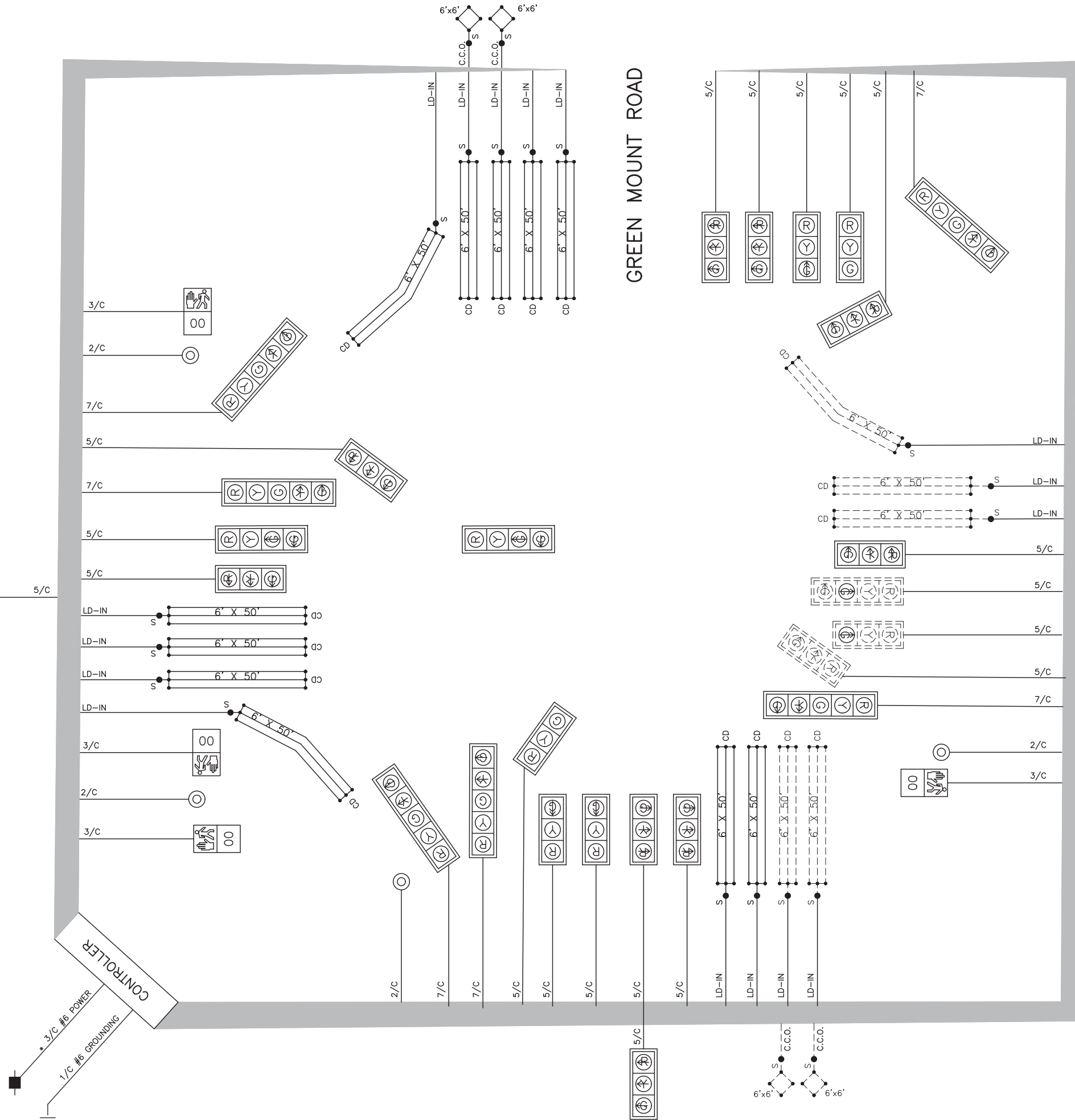
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**TRAFFIC SIGNAL PLAN (ELECTRICAL & GENERAL NOTES)**  
FAU 9170 (NORTH GREEN MOUNT ROAD) & CENTRAL PARK DRIVE OF FALLON, ILLINOIS



**GROUNDING SCHEMATIC**

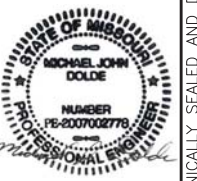
\* GROUNDING SHALL INCLUDE:  
 CONTROLLER, 4 EACH MAST ARM POLES,  
 DOUBLE HANDHOLE AND 3 EACH HANDHOLES  
 AT INTERSECTION (C.C.O. HANDHOLES DO NOT  
 REQUIRE GROUNDING)

① GROUND WIRE SPLICED  
 BUT NOT BONDED TO  
 COMPOSITE HANDHOLE

CENTRAL PARK DRIVE

GREEN MOUNT ROAD

ALL CABLES NOT USED IN THE FINAL  
 INSTALLATION OF SIGNAL SHALL BE  
 REMOVED.



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**TRAFFIC SIGNAL PLAN  
 (CABLE DIAGRAM)  
 FAU 9170 (NORTH GREEN  
 MOUNT ROAD)  
 & CENTRAL PARK DRIVE  
 OFALLON, ILLINOIS**



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9/29/17

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ST CLAIR

JOB NO.  
024-16

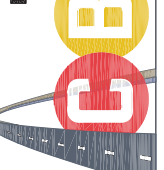
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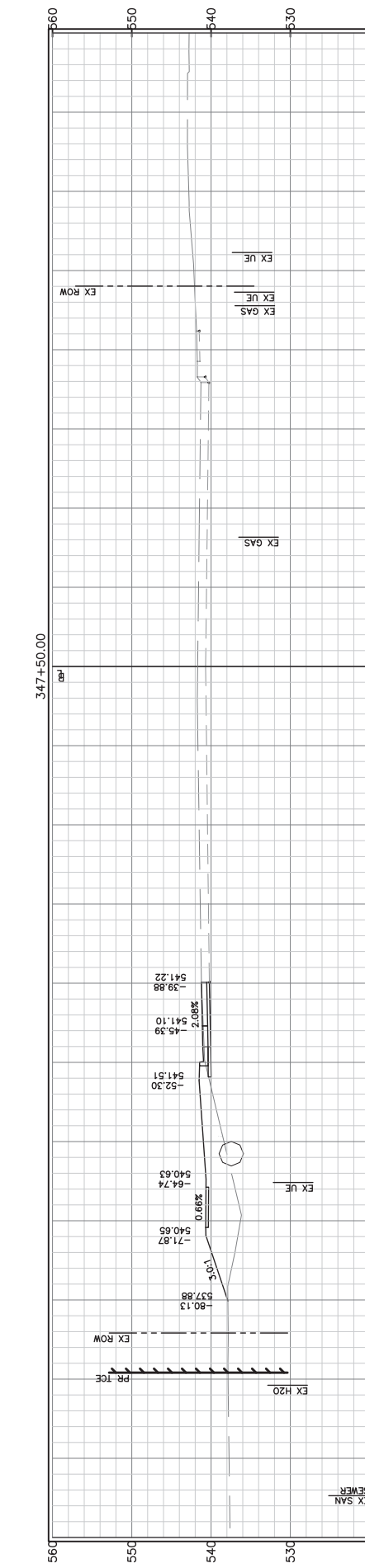
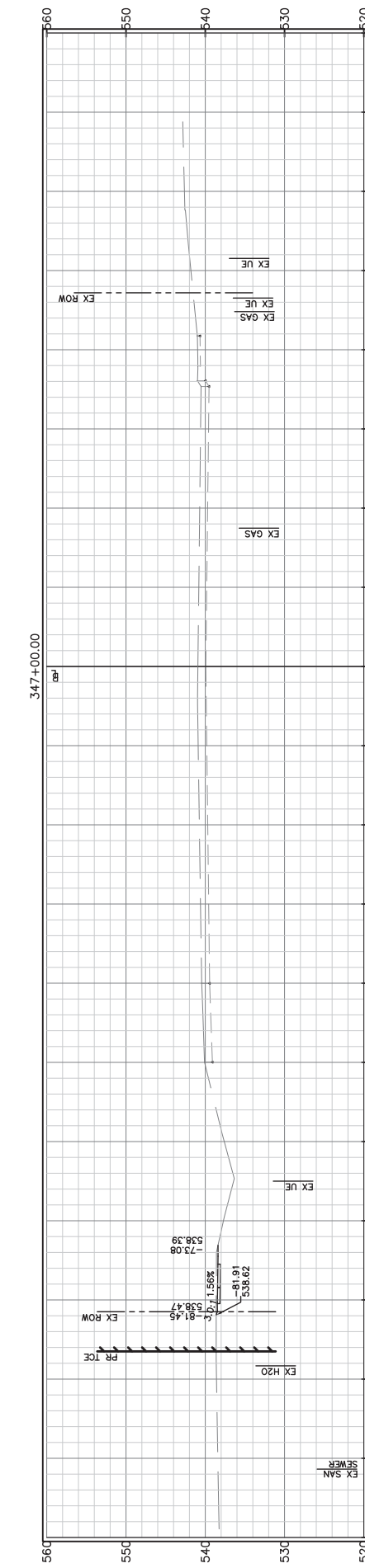
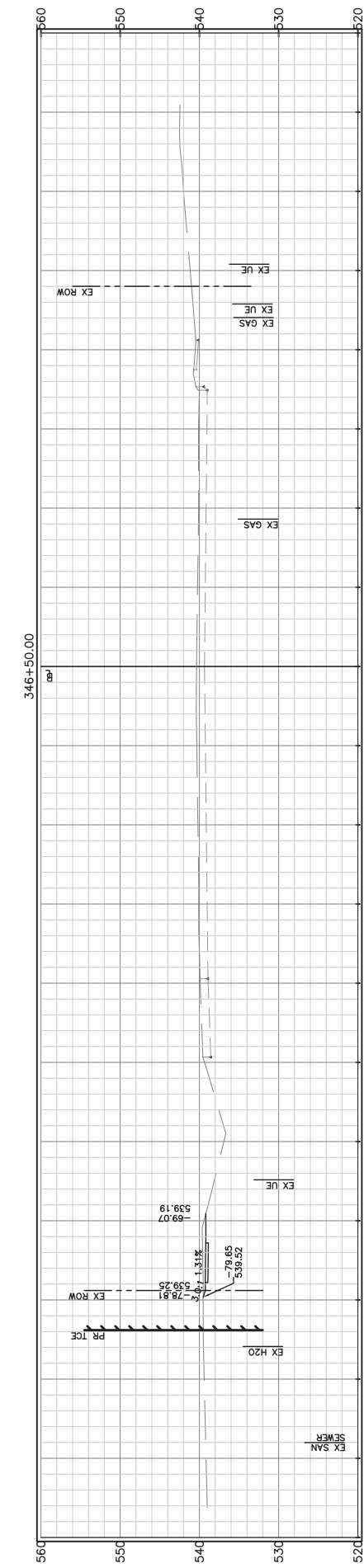
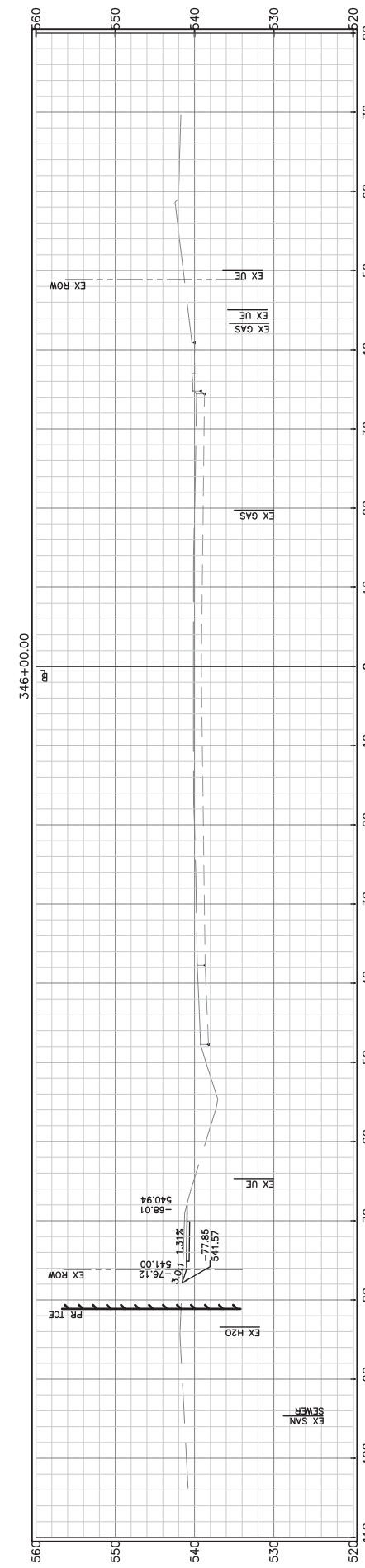
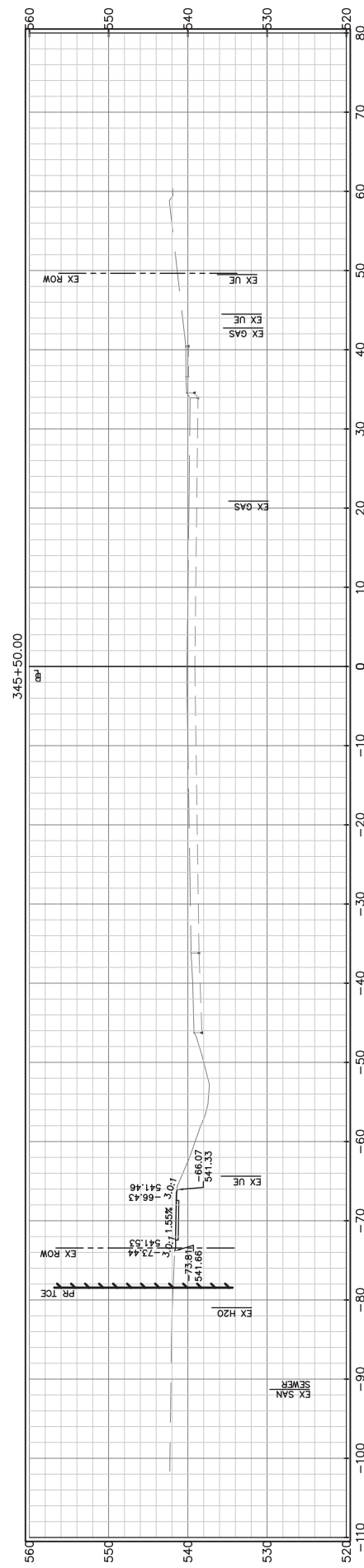
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N. GREEN MOUNT RD  
FAU 9170 (NORTH GREEN  
MOUNT ROAD)  
& CENTRAL PARK DRIVE  
OF FALLON, ILLINOIS**

F.A.U RTE.	SECTION	COUNTY
9170	15-00071-00-PV	ST. CLAIR
ILLINOIS	CONTRACT NO. 97657	



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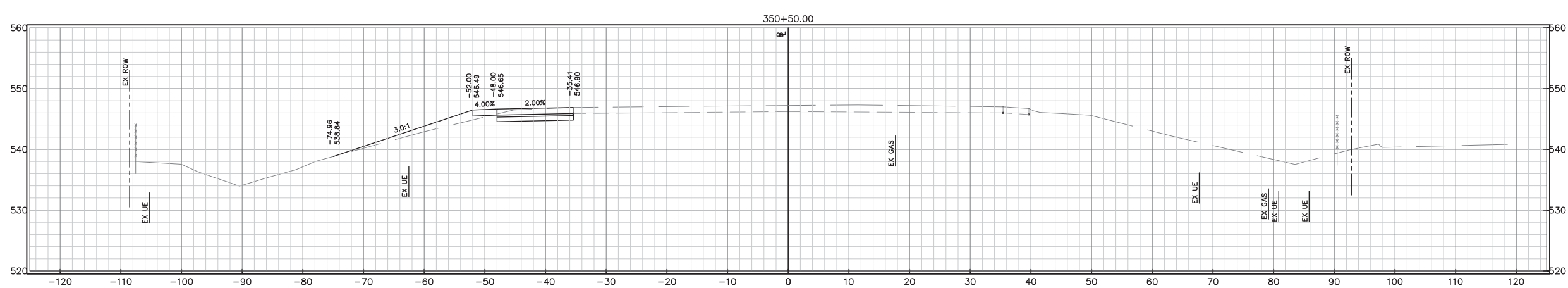
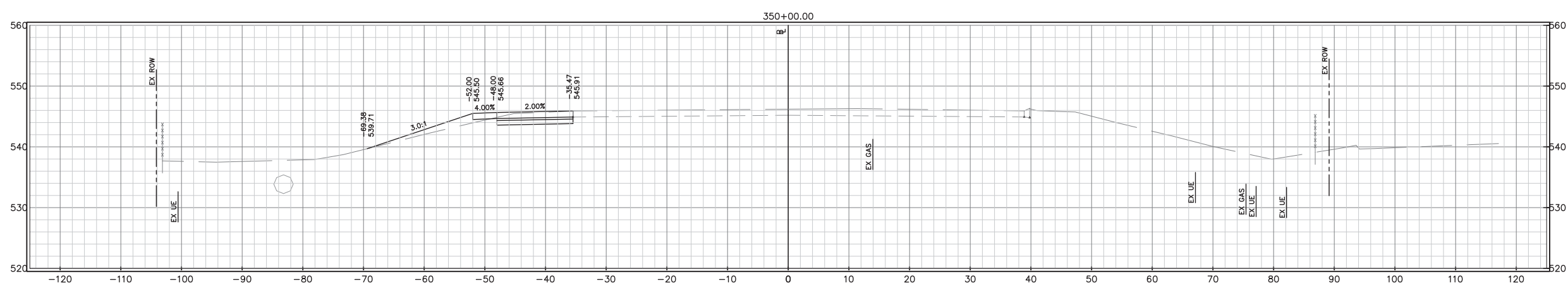
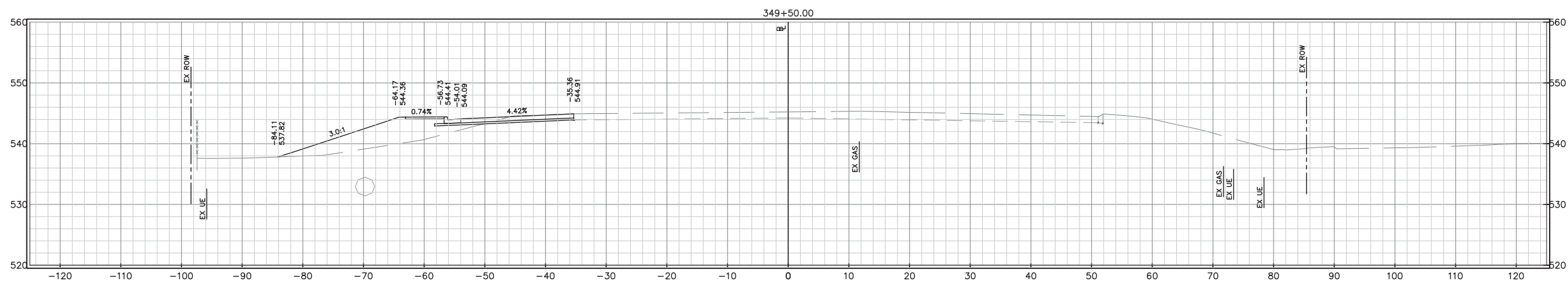
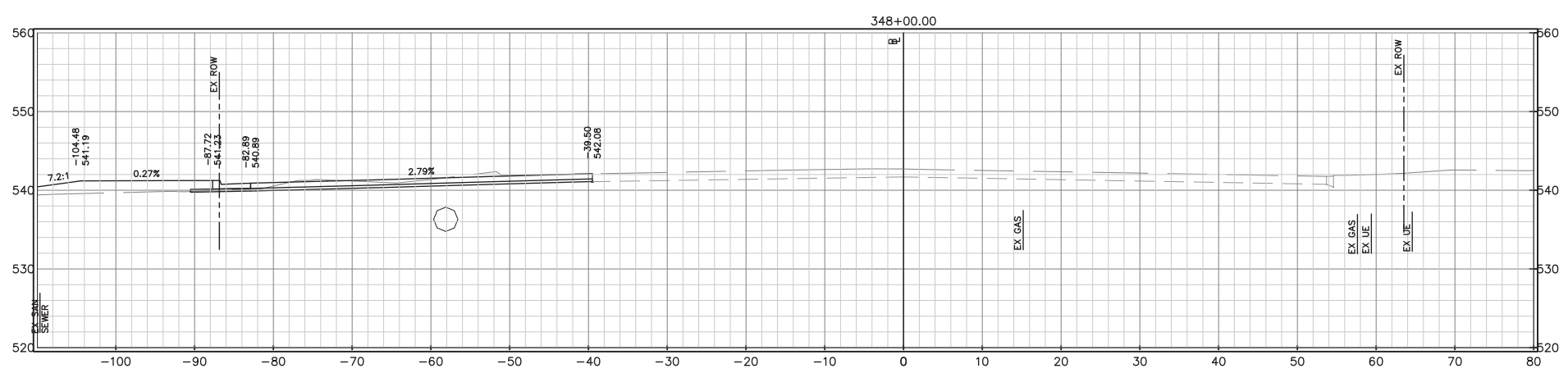
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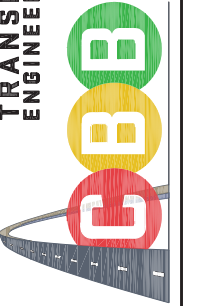
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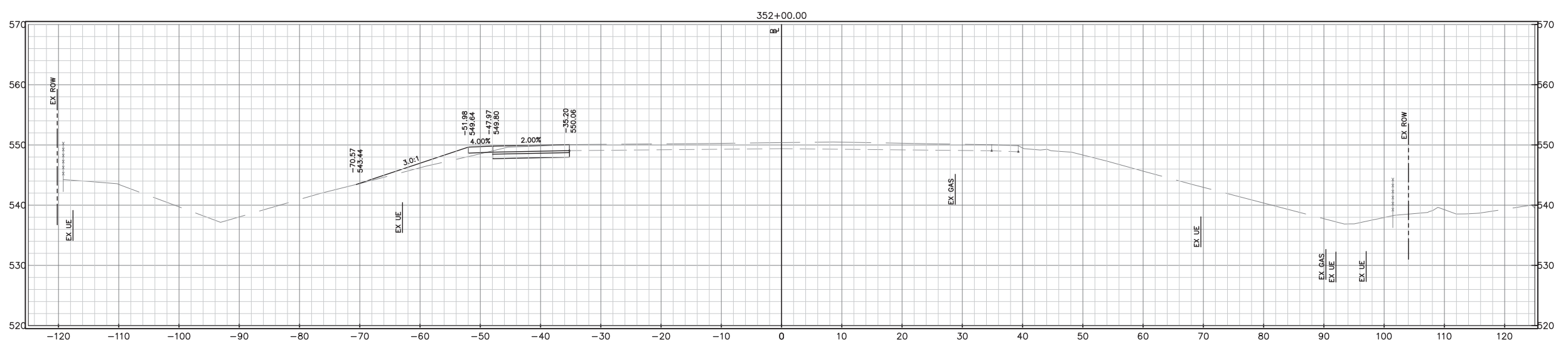
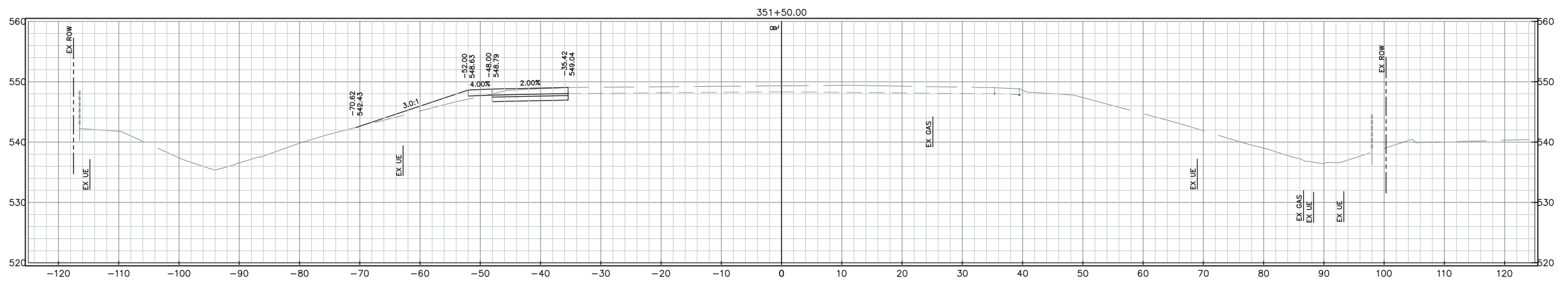
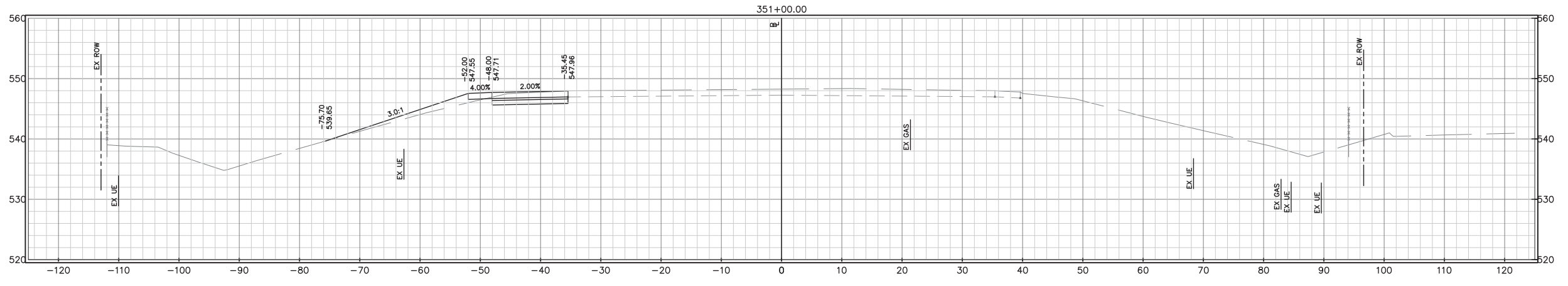
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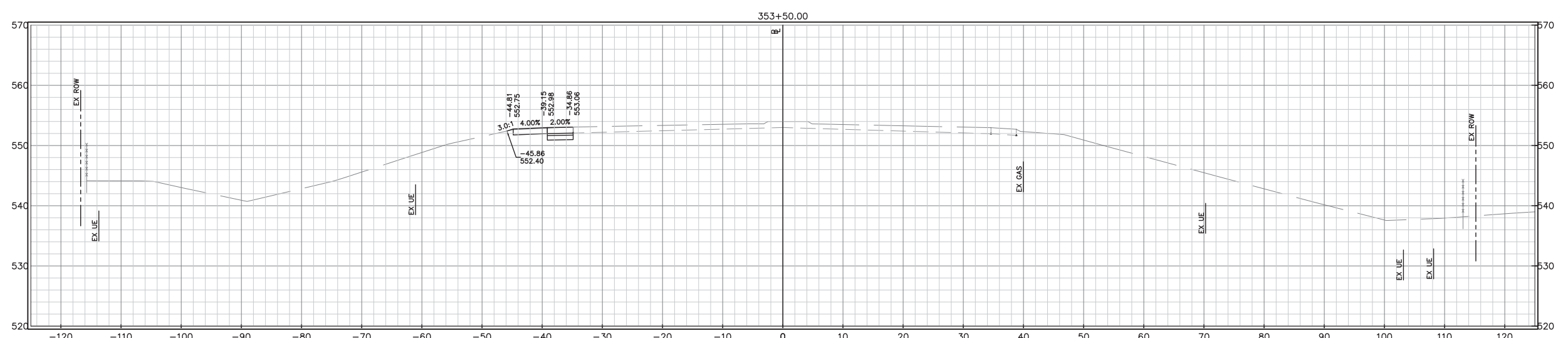
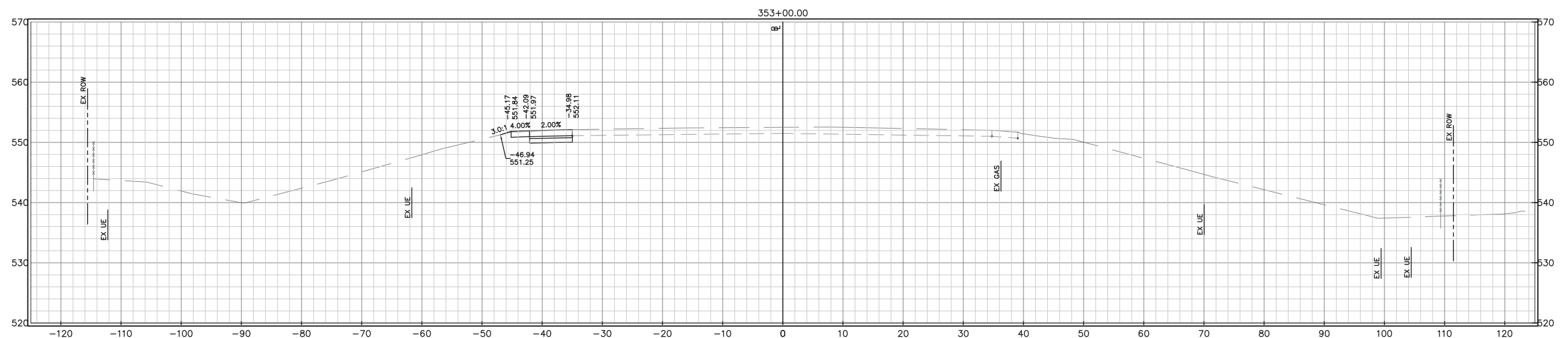
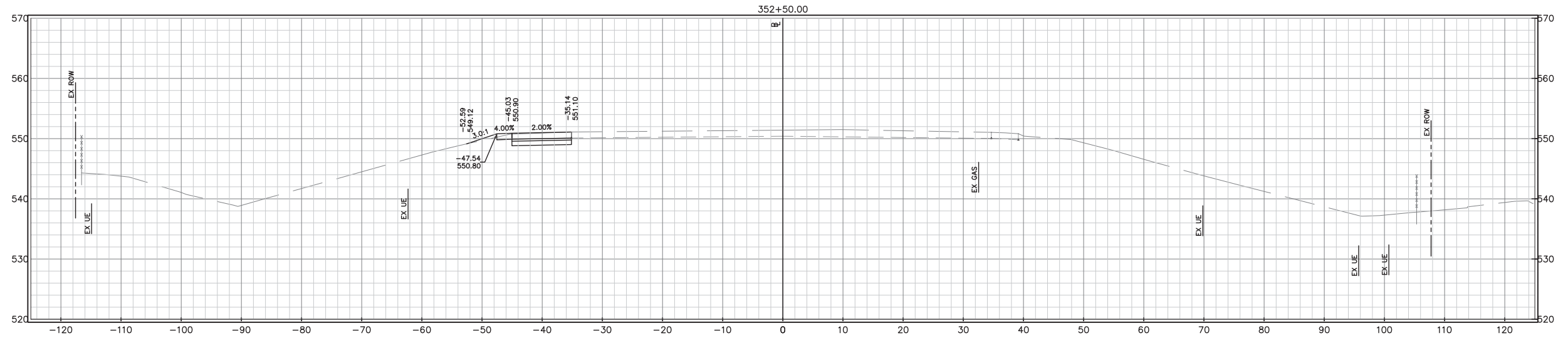
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**& CENTRAL PARK DRIVE**  
**O'FALLON, ILLINOIS**

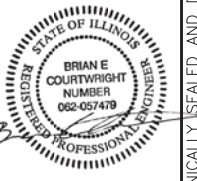
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Corporate Engineering Certificate # 000381



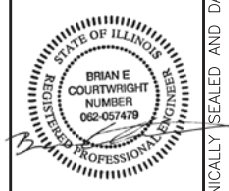
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 DATE PREPARED: 9/29/17  
 ROUTE: STATE IL  
 DISTRICT: 8 SHEET NO. 51  
 COUNTY: ST CLAIR  
 JOB NO.: 024-16  
 CONTRACT ID.: 97657  
 PROJECT NO.:  
 BRIDGE NO.:

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**OF FALLON, ILLINOIS**

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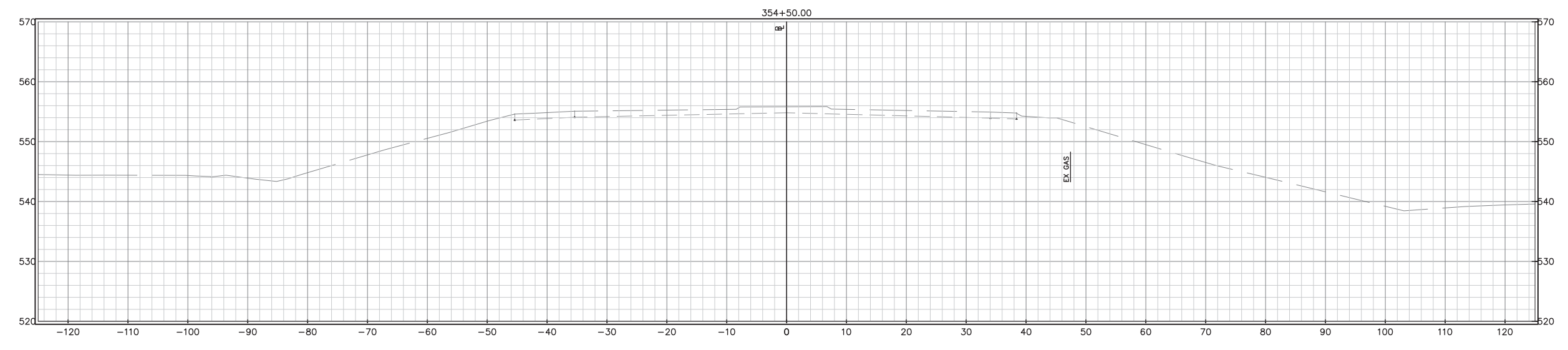
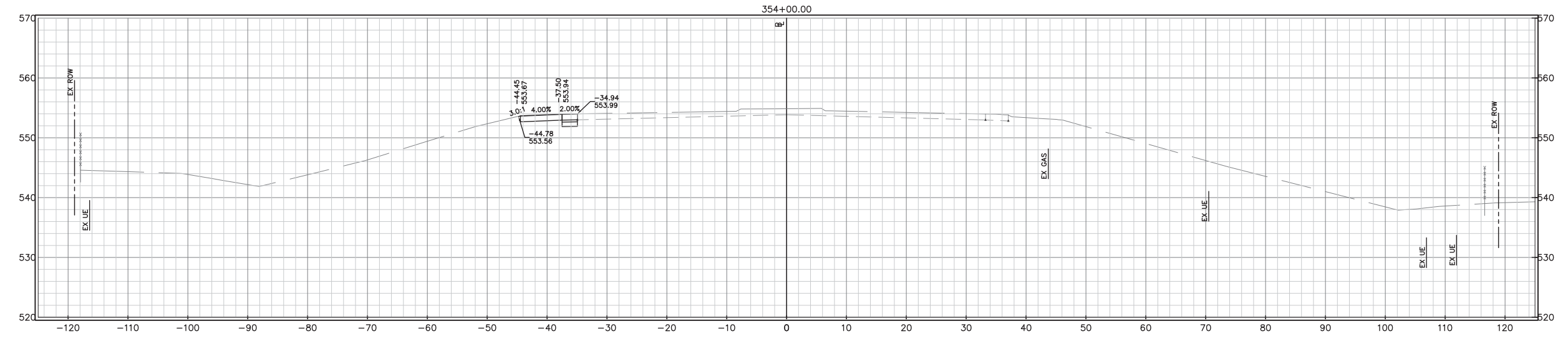
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DATE PREPARED	9/29/17
ROUTE	STATE IL
DISTRICT 8	SHEET NO. 52
COUNTY ST CLAIR	
JOB NO. 024-16	
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PROJECT NO.	
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ROUTE STATE  
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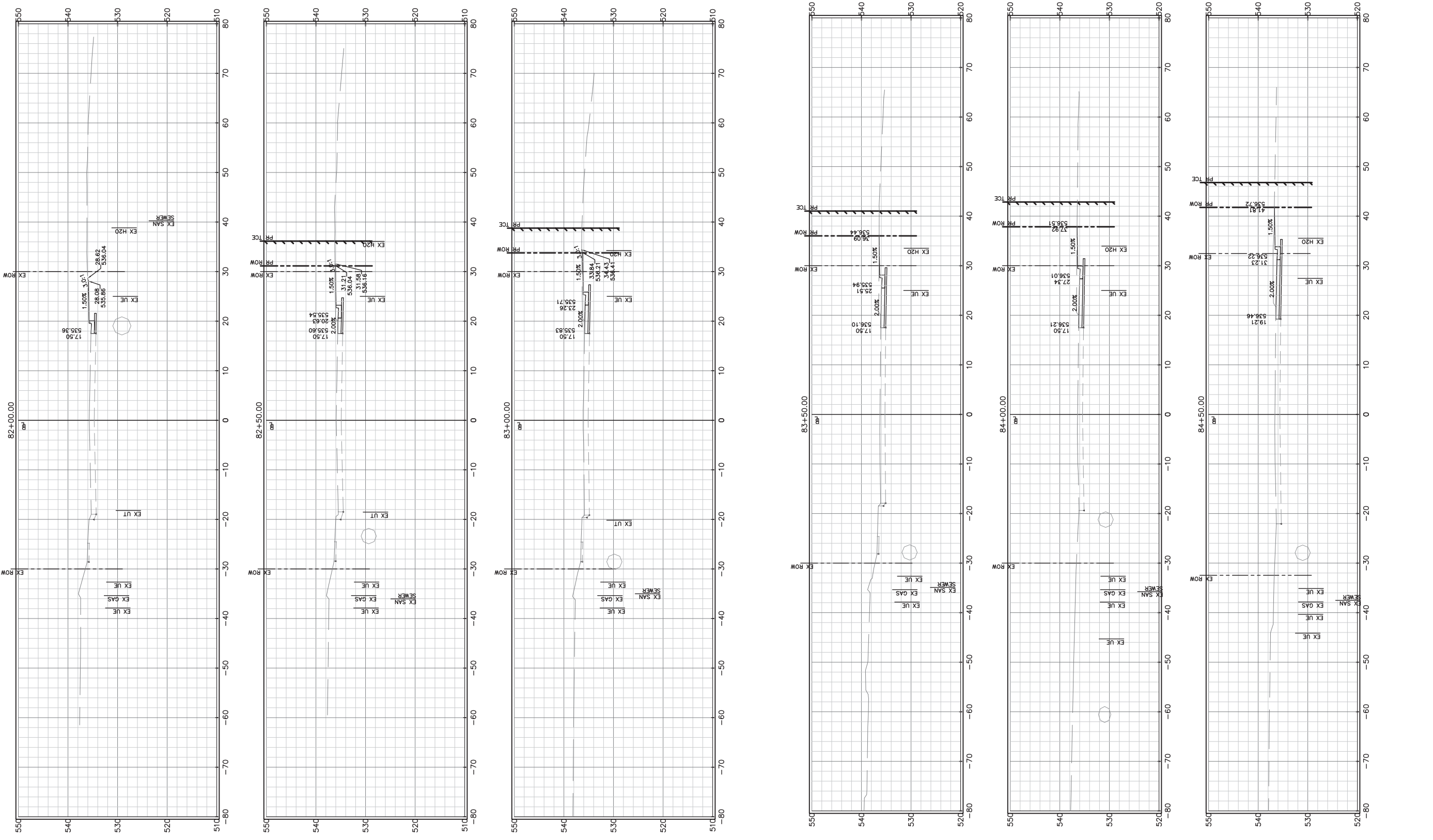
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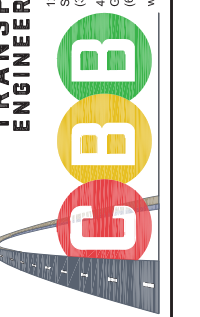
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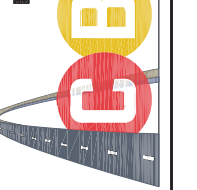
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