09-19-2025 LETTING ITEM 011

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 1 |
| | ILLINOIS | CONTRACT NO. 62B64 | | |

# STATE OF ILLINOIS
# DEPARTMENT OF TRANSPORTATION

IMPROVEMENT LOCATED IN THE CITY OF COUNTRYSIDE AND LYONS TOWNSHIP

# PROPOSED HIGHWAY PLANS

## FAU ROUTE 3562: JOLIET RD AT BRAINARD AVE
## SECTION (430Y)N-1
## PROJECT STP-I1LY(522)
## INTERSECTION AND ADA IMPROVEMENTS
## COOK COUNTY

C-91-083-16

D-91-083-16


LOCATION OF SECTION INDICATED THUS: - ▬

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**DESIGN DESIGNATION**

JOLIET RD.: MINOR ARTERIAL
BRAINARD AVE. (NORTH): MAJOR COLLECTOR
BRAINARD AVE. (SOUTH): LOCAL ROAD

**TRAFFIC DATA**

| | |
|---|---|
| JOLIET RD. | ADT 21,000 (2023) |
| BRAINARD AVE. (NORTH) | ADT 6,100 (2022) |

**DESIGN SPEED (POSTED SPEED)**

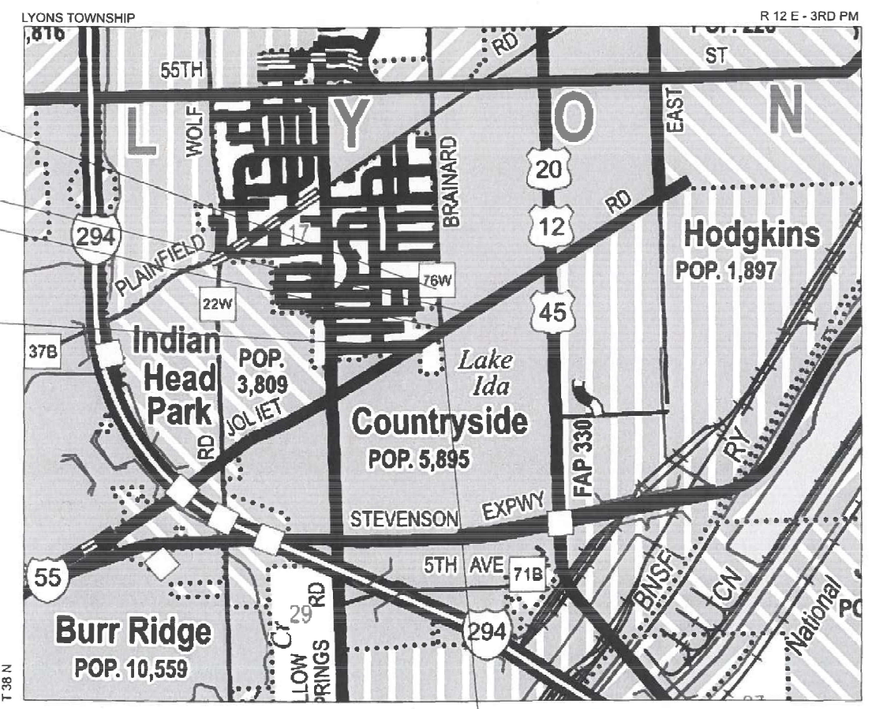
| | |
|---|---|
| JOLIET RD. | 40 MPH (40 MPH) |
| BRAINARD AVE. (NORTH) | 35 MPH (35 MPH) |
| BRAINARD AVE. (SOUTH) | 20 MPH (20 MPH) |

END STA. 52+80 (BRAINARD AVE.)

END STA. 179+50 (JOLIET RD.)

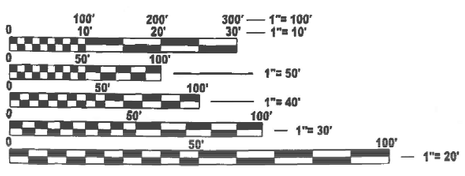
STATION EQUATION
STA. 175+78.10 (JOLIET RD.) =
STA. 47+96.57 (BRAINARD. AVE)

BEGIN STA. 171+65 (JOLIET RD.)




LOCATION MAP NOT TO SCALE

BEGIN STA. 47+11 (BRAINARD AVE.)




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

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

LICENSED PROFESSIONAL ENGINEER JHAMAL JOSEPH DAVIS 062.072753 STATE OF ILLINOIS
LICENSE EXPIRES 11–30–2025
JHAMAL J. DAVIS
ACCURATE GROUP, INC.
SHEETS 72–93

AHMEDI BEE 062-072692 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
LICENSE EXPIRES 11–30–2025
AHMEDI BEE
ACCURATE GROUP, INC.
SHEETS 23–24, 32–45, 70–71

LICENSED PROFESSIONAL ENGINEER MOHAMMAD M AZIM 062.067799 STATE OF ILLINOIS
LICENSE EXPIRES 11–30–2025
MOHAMMED M AZIM
ACCURATE GROUP, INC.
SHEETS 46–53

LICENSED PROFESSIONAL ENGINEER ROBERT BRZEZON 062-066618 OF ILLINOIS
LICENSE EXPIRES 11–30–2025
ROBERT BRZEZON
MICHAEL BAKER INTERNATIONAL
SHEETS 1–22, 25–31, 61–69, 107–117

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 25th 2025
REGIONAL ENGINEER

August 15 2025
ENGINEER OF DESIGN AND ENVIRONMENT

August 15 2025
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: LUKASZ POCIECHA, P.E. (847) 705-4255
PROJECT MANAGER: VESELIN VELICHKOV, P.E.

CONTRACT NO. 62B64

GROSS LENGTH = 785 FT. = 0.149 MILE, JOLIET RD.
= 569 FT. = 0.107 MILE, BRAINARD AVE.
TOTAL LENGTH = 1354 FT. = 0.256 MILE

Michael Baker INTERNATIONAL
200 W Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

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REV-SEP

## INDEX OF SHEETS



## STATE HIGHWAY STANDARDS

| STD. NO. | DESCRIPTION |
|---|---|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BAR |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 424001-12 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 424021-07 | DEPRESSED CORNER FOR SIDEWALKS |
| 424026-04 | ENTRANCE/ALLEY PEDESTRIAN CROSSINGS |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 602001-02 | CATCH BASIN TYPE A |
| 602401-07 | PRECAST MANHOLE, TYPE A, 4' DIAMETER |
| 602402-03 | PRECAST MANHOLE, TYPE A, 5' DIAMETER |
| 602406-11 | PRECAST MANHOLE, TYPE A, 6' DIAMETER |
| 602701-02 | MANHOLE STEPS |
| 604001-05 | FRAME AND LIDS TYPE 1 |
| 604081-06 | FRAME AND GRATE TYPE 22 |
| 604091-05 | FRAME AND GRATE TYPE 24 |
| 606001-08 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, 15" (4.5 m) TO 24" (600 mm) FROM EDGE OF PAVEMENT |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY |
| 701427-05 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 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 |
| 701901-10 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS |
| 720016-04 | MAST ARM MOUNTED STREET NAME SIGNS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 729001-01 | APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS) |
| 731001-01 | BASE FOR TELESCOPING STEEL SIGN SUPPORT |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-04 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |
| 805001-01 | ELECTRICAL SERVICE INSTALLATION DETAILS |
| 814001-03 | HANDHOLES |
| 814006-03 | DOUBLE HANDHOLES |
| 857001-01 | STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES |
| 862001-01 | UNINTERRUPTABLE POWER SUPPLY (UPS) |
| 873001-02 | TRAFFIC SIGNAL GROUNDING AND BONDING |
| 876001-04 | PEDESTRIAN PUSH BUTTON POST |
| 877001-08 | STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55' |
| 877011-10 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55' |
| 878001-11 | CONCRETE FOUNDATION DETAILS |
| 880001-01 | SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION |
| 880006-01 | TRAFFIC SIGNAL MOUNTING DETAILS |
| 886001-01 | DETECTOR LOOP INSTALLATIONS |
| 886006-01 | TYPICAL LAYOUT FOR DETECTION LOOPS |

## GENERAL NOTES

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON THE STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2. IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. ALL ELEVATIONS, STATIONS AND OFFSETS SHOWN ON THE PLANS SHALL BE FIELD-VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
4. PRIOR TO THE CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE AND DEPTH TO ENSURE THAT GRADE CONFLICTS WILL NOT OCCUR.
5. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN@ILLINOIS.GOV AT (847) 705-4155. A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
6. THE CONTRACTOR SHALL CONTACT EMAD ALHUSSEINI, ARE TRAFFIC FIELD ENGINEER, AT EMAD.ALHUSSEINI@ILLINOIS.GOV AT LEAST (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
7. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO THE EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.
8. ANY SIGNAGE, PAVEMENT MARKINGS, AND REFLECTORS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
9. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE THROUGHOUT THE DURATION OF THE CONTRACT AND MAINTAIN ALL PUBLIC AND PRIVATE DRAINS.
10. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC.
11. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
12. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEERS.
13. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
14. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
15. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.
16. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
17. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION WILL NOT BE ALLOWED.
18. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

## COMMITMENTS

1. TO CONSERVE THE NORTHERN LONG EARED BAT (NLEB), NO TREE REMOVAL SHALL OCCUR BETWEEN APRIL 1 AND OCTOBER 31 OF ANY GIVEN YEAR.
2. THE CITY OF COUNTRYSIDE REQUIRES TWO (2) WEEKS' ADVANCE NOTICE OF ALL ACTIVITIES AFFECTING ACCESS TO THE MUNICIPAL COMPLEX AT 803 JOLIET RD, COUNTRYSIDE, IL 60525. PARTIAL ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. NOTIFY THE CITY ADMINISTRATOR, GAIL PAUL, AT (708) 485-2462.

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL 20% STATE | TRAFFIC SIGNALS 80% FEDERAL 20% STATE ** | EVP 100% PLEASANTVIEW FIRE PROT. DISTRICT | ILLUMINATED STREET NAME SIGN 100% CITY OF COUNTRYSIDE | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ROADWAY | SAFETY | SAFETY | SAFETY | | | | |
| | | | | | 0004 | 0021 | 0021 | 0021 | | | | |
| | | | | | URBAN | URBAN | URBAN | URBAN | | | | |
| | 20200100 | EARTH EXCAVATION | CU YD | 1,200 | 1,200 | | | | | | | |
| | 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 53 | 53 | | | | | | | |
| | 20800150 | TRENCH BACKFILL | CU YD | 447 | 447 | | | | | | | |
| | 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 161 | 161 | | | | | | | |
| * | 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 212 | 212 | | | | | | | |
| * | 25000312 | SEEDING, CLASS 4A | ACRE | 0.25 | 0.25 | | | | | | | |
| * | 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 5 | 5 | | | | | | | |
| * | 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 5 | 5 | | | | | | | |
| | 25100630 | EROSION CONTROL BLANKET | SQ YD | 212 | 212 | | | | | | | |
| * | 25200110 | SODDING, SALT TOLERANT | SQ YD | 980 | 980 | | | | | | | |
| * | 25200200 | SUPPLEMENTAL WATERING | UNIT | 15 | 15 | | | | | | | |
| | 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 13 | 13 | | | | | | | |
| | 28000400 | PERIMETER EROSION BARRIER | FOOT | 1,222 | 1,222 | | | | | | | |
| | 28000510 | INLET FILTERS | EACH | 16 | 16 | | | | | | | |
| | 28001100 | TEMPORARY EROSION CONTROL BLANKET | SQ YD | 621 | 621 | | | | | | | |

* SPECIALTY ITEM

△ NON-PARTICIPATING (100% STATE)

** 10% STATE
5% COOK COUNTY
5% LYONS TOWNSHIP
(HOWEVER, LOCAL COST SHARE COVERED BY STATE
UNDER THE 40 MILLION SETTLEMENT)

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE<br>80% FEDERAL 20% STATE<br>ROADWAY 0004 URBAN | TRAFFIC SIGNALS 80% FEDERAL 20% STATE **<br>SAFETY 0021 URBAN | EVP 100% PLEASANTVIEW FIRE PROT. DISTRICT<br>SAFETY 0021 URBAN | ILLUMINATED STREET NAME SIGN 100% CITY OF COUNTRYSIDE<br>SAFETY 0021 URBAN | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 53 | 53 | | | | | | | |
| 30300112 | AGGREGATE SUBGRADE IMPROVEMENT 12" | SQ YD | 1,031 | 1,031 | | | | | | | |
| 31101200 | SUBBASE GRANULAR MATERIAL, TYPE B 4" | SQ YD | 1,034 | 1,034 | | | | | | | |
| 35501315 | HOT-MIX ASPHALT BASE COURSE, 7 3/4" | SQ YD | 590 | 590 | | | | | | | |
| 35501316 | HOT-MIX ASPHALT BASE COURSE, 8" | SQ YD | 84 | 84 | | | | | | | |
| 35600707 | HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4" | SQ YD | 72 | 72 | | | | | | | |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 5,729 | 5,729 | | | | | | | |
| 40600370 | LONGITUDINAL JOINT SEALANT | FOOT | 4,088 | 4,088 | | | | | | | |
| 40600400 | MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS | TON | 5 | 5 | | | | | | | |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 90 | 90 | | | | | | | |
| 40601005 | HOT-MIX ASPHALT REPLACEMENT OVER PATCHES | TON | 12 | 12 | | | | | | | |
| 40602985 | HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 | TON | 364 | 364 | | | | | | | |
| 40603085 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 | TON | 293 | 293 | | | | | | | |
| 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON | 10 | 10 | | | | | | | |
| 40605026 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 | TON | 725 | 725 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | ROADWAY | SAFETY | SAFETY | SAFETY | | | | |
| | | | | 0004 | 0021 | 0021 | 0021 | | | | |
| | | | | URBAN | URBAN | URBAN | URBAN | | | | |
| 42001300 | PROTECTIVE COAT | SQ YD | 1,425 | 1,425 | | | | | | | |
| 42300400 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | SQ YD | 140 | 140 | | | | | | | |
| 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SQ FT | 7,139 | 7,139 | | | | | | | |
| 42400410 | PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH | SQ FT | 904 | 904 | | | | | | | |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 204 | 204 | | | | | | | |
| 44000162 | HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" | SQ YD | 601 | 601 | | | | | | | |
| 44000165 | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | SQ YD | 279 | 279 | | | | | | | |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 256 | 256 | | | | | | | |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 1,790 | 1,790 | | | | | | | |
| 44000600 | SIDEWALK REMOVAL | SQ FT | 3,265 | 3,265 | | | | | | | |
| 44002210 | HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2" | SQ YD | 82 | 82 | | | | | | | |
| 44201789 | CLASS D PATCHES, TYPE II, 12 INCH | SQ YD | 24 | 24 | | | | | | | |
| 44201794 | CLASS D PATCHES, TYPE III, 12 INCH | SQ YD | 18 | 18 | | | | | | | |
| 44201796 | CLASS D PATCHES, TYPE IV, 12 INCH | SQ YD | 33 | 33 | | | | | | | |
| 48101600 | AGGREGATE SHOULDERS, TYPE B 8" | SQ YD | 10 | 10 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | ROADWAY | SAFETY | SAFETY | SAFETY | | | | |
| | | | | 0004 | 0021 | 0021 | 0021 | | | | |
| | | | | URBAN | URBAN | URBAN | URBAN | | | | |
| 54213447 | END SECTIONS 12" | EACH | 1 | 1 | | | | | | | |
| 54216190 | REINFORCED CONCRETE PIPE TEE, 18" PIPE WITH 12" RISER | EACH | 1 | 1 | | | | | | | |
| 550A0330 | STORM SEWERS, CLASS A, TYPE 2 10" | FOOT | 24 | 24 | | | | | | | |
| 550A0340 | STORM SEWERS, CLASS A, TYPE 2 12" | FOOT | 72 | 72 | | | | | | | |
| 550A0360 | STORM SEWERS, CLASS A, TYPE 2 15" | FOOT | 181 | 181 | | | | | | | |
| 550A0430 | STORM SEWERS, CLASS A, TYPE 2 30" | FOOT | 95 | 95 | | | | | | | |
| 550A5300 | STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36" | FOOT | 43 | 43 | | | | | | | |
| 55100400 | STORM SEWER REMOVAL 10" | FOOT | 24 | 24 | | | | | | | |
| 55100500 | STORM SEWER REMOVAL 12" | FOOT | 137 | 137 | | | | | | | |
| 55100700 | STORM SEWER REMOVAL 15" | FOOT | 140 | 140 | | | | | | | |
| 56400100 | FIRE HYDRANTS TO BE MOVED | EACH | 2 | 2 | | | | | | | |
| 60201340 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | EACH | 6 | 6 | | | | | | | |
| 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 | 1 | | | | | | | |
| 60219540 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | EACH | 1 | 1 | | | | | | | |
| 60221100 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 2 | 2 | | | | | | | |

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| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE<br>80% FEDERAL 20% STATE<br>ROADWAY 0004 URBAN | TRAFFIC SIGNALS 80% FEDERAL 20% STATE **<br>SAFETY 0021 URBAN | EVP 100% PLEASANTVIEW FIRE PROT. DISTRICT<br>SAFETY 0021 URBAN | ILLUMINATED STREET NAME SIGN 100% CITY OF COUNTRYSIDE<br>SAFETY 0021 URBAN | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 60221700 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE | EACH | 1 | 1 | | | | | | | |
| 60223800 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 | 1 | | | | | | | |
| 60224005 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE | EACH | 1 | 1 | | | | | | | |
| 60250200 | CATCH BASINS TO BE ADJUSTED | EACH | 1 | 1 | | | | | | | |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 4 | 4 | | | | | | | |
| 60260100 | INLETS TO BE ADJUSTED | EACH | 3 | 3 | | | | | | | |
| 60265700 | VALVE VAULTS TO BE ADJUSTED | EACH | 2 | 2 | | | | | | | |
| 60500040 | REMOVING MANHOLES | EACH | 1 | 1 | | | | | | | |
| 60500050 | REMOVING CATCH BASINS | EACH | 2 | 2 | | | | | | | |
| 60500060 | REMOVING INLETS | EACH | 6 | 6 | | | | | | | |
| 60600605 | CONCRETE CURB, TYPE B | FOOT | 68 | 68 | | | | | | | |
| 60603800 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | FOOT | 47 | 47 | | | | | | | |
| 60605000 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | FOOT | 1,546 | 1,546 | | | | | | | |
| * 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 865 | 865 | | | | | | | |
| * 66900530 | SOIL DISPOSAL ANALYSIS | EACH | 4 | 4 | | | | | | | |

* SPECIALTY ITEM

△ NON-PARTICIPATING (100% STATE)

** 10% STATE
5% COOK COUNTY
5% LYONS TOWNSHIP
(HOWEVER, LOCAL COST SHARE COVERED BY STATE
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| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE: 80% FEDERAL 20% STATE | TRAFFIC SIGNALS 80% FEDERAL 20% STATE ** | EVP 100% PLEASANTVIEW FIRE PROT. DISTRICT | ILLUMINATED STREET NAME SIGN 100% CITY OF COUNTRYSIDE | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ROADWAY | SAFETY | SAFETY | SAFETY | | | | |
| | | | | | 0004 | 0021 | 0021 | 0021 | | | | |
| | | | | | URBAN | URBAN | URBAN | URBAN | | | | |
| * | 66901001 | REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN | L SUM | 1 | 1 | | | | | | | |
| * | 66901003 | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT | L SUM | 1 | 1 | | | | | | | |
| * | 66901006 | REGULATED SUBSTANCES MONITORING | CAL DA | 30 | 30 | | | | | | | |
| | 67100100 | MOBILIZATION | L SUM | 1 | 1 | | | | | | | |
| | 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 20 | 20 | | | | | | | |
| | 70107025 | CHANGEABLE MESSAGE SIGN | CAL DA | 196 | 196 | | | | | | | |
| | 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 1,456 | 1,456 | | | | | | | |
| | 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 4,834 | 4,834 | | | | | | | |
| | 70300211 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT | SQ FT | 366 | 366 | | | | | | | |
| | 70300221 | TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT | FOOT | 1,329 | 1,329 | | | | | | | |
| | 70307100 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE | SQ FT | 110 | 110 | | | | | | | |
| | 70307120 | TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE | FOOT | 11,009 | 11,009 | | | | | | | |
| | 70307210 | TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE | FOOT | 285 | 285 | | | | | | | |
| * | 72400735 | REMOVE AND RELOCATE SIGN PANEL - TYPE 1 | SQ FT | 25 | 25 | | | | | | | |
| * | 72800100 | TELESCOPING STEEL SIGN SUPPORT | FOOT | 30 | 30 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * | 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 276 | 276 | | | | | | | |
| * | 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 3,477 | 3,477 | | | | | | | |
| * | 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 983 | 983 | | | | | | | |
| * | 78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | FOOT | 104 | 104 | | | | | | | |
| * | 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 875 | 875 | | | | | | | |
| * | 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 129 | 129 | | | | | | | |
| * | 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 98 | 98 | | | | | | | |
| | 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 94 | 94 | | | | | | | |
| | 78300202 | PAVEMENT MARKING REMOVAL - WATER BLASTING | SQ FT | 1,273 | 1,273 | | | | | | | |
| * | 81028200 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 1,177 | | 1,177 | | | | | | |
| * | 81028220 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 181 | | 181 | | | | | | |
| * | 81028240 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 552 | | 552 | | | | | | |
| * | 81400100 | HANDHOLE | EACH | 3 | | 3 | | | | | | |
| * | 81400200 | HEAVY-DUTY HANDHOLE | EACH | 2 | | 2 | | | | | | |
| * | 81400300 | DOUBLE HANDHOLE | EACH | 3 | | 3 | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ROADWAY | SAFETY | SAFETY | SAFETY | | | | |
| | | | | | 0004 | 0021 | 0021 | 0021 | | | | |
| | | | | | URBAN | URBAN | URBAN | URBAN | | | | |
| * | 85000200 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 | | 1 | | | | | | |
| * | 86400100 | TRANSCEIVER - FIBER OPTIC | EACH | 1 | | 1 | | | | | | |
| * | 87300925 | ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C | FOOT | 6,027 | | 6,027 | | | | | | |
| * | 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 1,375 | | 1,375 | | | | | | |
| * | 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1,755 | | 1,755 | | | | | | |
| * | 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 2,675 | | 2,675 | | | | | | |
| * | 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 1,308 | | 1,308 | | | | | | |
| * | 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 931 | | 931 | | | | | | |
| * | 87301805 | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 98 | | 98 | | | | | | |
| * | 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 1,231 | | 1,231 | | | | | | |
| * | 87502500 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 3 | | 3 | | | | | | |
| * | 87700170 | STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. | EACH | 1 | | 1 | | | | | | |
| * | 87700180 | STEEL MAST ARM ASSEMBLY AND POLE, 28 FT. | EACH | 1 | | 1 | | | | | | |
| * | 87700230 | STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. | EACH | 1 | | 1 | | | | | | |
| * | 87700250 | STEEL MAST ARM ASSEMBLY AND POLE, 42 FT. | EACH | 1 | | 1 | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ROADWAY 0004 URBAN | SAFETY 0021 URBAN | SAFETY 0021 URBAN | SAFETY 0021 URBAN | | | | |
| * | 87700270 | STEEL MAST ARM ASSEMBLY AND POLE, 46 FT. | EACH | 1 | | 1 | | | | | | |
| * | 87800100 | CONCRETE FOUNDATION, TYPE A | FOOT | 20 | | 20 | | | | | | |
| * | 87800150 | CONCRETE FOUNDATION, TYPE C | FOOT | 4 | | 4 | | | | | | |
| * | 87800400 | CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 34 | | 34 | | | | | | |
| * | 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 26 | | 26 | | | | | | |
| * | 87900200 | DRILL EXISTING HANDHOLE | EACH | 2 | | 2 | | | | | | |
| * | 88030020 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 8 | | 8 | | | | | | |
| * | 88030050 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 5 | | 5 | | | | | | |
| * | 88030100 | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 3 | | 3 | | | | | | |
| * | 88030110 | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 3 | | 3 | | | | | | |
| * | 88102717 | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 8 | | 8 | | | | | | |
| * | 88200410 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 11 | | 11 | | | | | | |
| * | 88500100 | INDUCTIVE LOOP DETECTOR | EACH | 6 | | 6 | | | | | | |
| * | 88600100 | DETECTOR LOOP, TYPE I | FOOT | 232 | | 232 | | | | | | |
| * | 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 | | 1 | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ROADWAY | SAFETY | SAFETY | SAFETY | | | | |
| | | | | | 0004 | 0021 | 0021 | 0021 | | | | |
| | | | | | URBAN | URBAN | URBAN | URBAN | | | | |
| * | 89501400 | RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT | EACH | 2 | | | 2 | | | | | |
| * | 89501410 | RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT | EACH | 2 | | | 2 | | | | | |
| * | 89502200 | MODIFY EXISTING CONTROLLER | EACH | 1 | | 1 | | | | | | |
| * | 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 4,960 | | 4,960 | | | | | | |
| * | 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 | | 1 | | | | | | |
| * | 89502380 | REMOVE EXISTING HANDHOLE | EACH | 10 | | 10 | | | | | | |
| * | 89502382 | REMOVE EXISTING DOUBLE HANDHOLE | EACH | 1 | | 1 | | | | | | |
| * | 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 7 | | 7 | | | | | | |
| | Z0013797 | STABILIZED CONSTRUCTION ENTRANCE | SQ YD | 50 | 50 | | | | | | | |
| | Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | 1 | | | | | | | |
| △ | Z0018500 | DRAINAGE STRUCTURES TO BE CLEANED | EACH | 1 | 1 | | | | | | | |
| * | Z0033046 | RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2 | EACH | 1 | | 1 | | | | | | |
| | Z0056606 | STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH | FOOT | 39 | 39 | | | | | | | |
| | Z0056608 | STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH | FOOT | 69 | 69 | | | | | | | |
| | Z0056610 | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH | FOOT | 69 | 69 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Z0056620 | STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH | FOOT | 25 | 25 | | | | | | | |
| | Z0056631 | STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH | FOOT | 92 | 92 | | | | | | | |
| * | Z0073510 | TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 2 | | 2 | | | | | | |
| * | A2005616 | TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED | EACH | 6 | 6 | | | | | | | |
| * | K0012970 | PERENNIAL PLANTS, BULB TYPE | UNIT | 28 | 28 | | | | | | | |
| * | K0013100 | PERENNIAL PLANTS, WOODLAND TYPE, QUART POT | UNIT | 3 | 3 | | | | | | | |
| * | K0029634 | WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE | POUND | 2 | 2 | | | | | | | |
| * | X0324085 | EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C | FOOT | 321 | | | 321 | | | | | |
| * | X0324599 | ROD AND CLEAN EXISTING CONDUIT | FOOT | 5,012 | | 5,012 | | | | | | |
| | X0326806 | WASHOUT BASIN | L SUM | 1 | 1 | | | | | | | |
| | X0327036 | BIKE PATH REMOVAL | SQ YD | 76 | 76 | | | | | | | |
| * | X0327120 | WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT | ACRE | 0.25 | 0.25 | | | | | | | |
| * | X0327698 | LED INTERNALLY ILLUMINATED STREET NAME SIGN | EACH | 4 | | | | 4 | | | | |
| | X0327989 | REMOVE EXISTING BRICK PAVERS | SQ FT | 392 | 392 | | | | | | | |
| | X0350810 | BOLLARD REMOVAL | EACH | 2 | 2 | | | | | | | |

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| | | | | | ROADWAY 0004 URBAN | SAFETY 0021 URBAN | SAFETY 0021 URBAN | SAFETY 0021 URBAN | | | | |
| | X1200274 | TEMPORARY BYPASS PUMPING SYSTEM | L SUM | 1 | 1 | | | | | | | |
| * | X1400150 | SERVICE INSTALLATION, GROUND MOUNTED, METERED | EACH | 1 | | 1 | | | | | | |
| * | X1400367 | PEDESTRIAN SIGNAL POST, 10 FT. | EACH | 1 | | 1 | | | | | | |
| * | X1400378 | PEDESTRIAN SIGNAL POST, 5 FT. | EACH | 1 | | 1 | | | | | | |
| * | X1400424 | ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW | FOOT | 925 | | | | 925 | | | | |
| | X2010350 | TREE REMOVAL, ACRES (SPECIAL) | ACRE | 0.25 | 0.25 | | | | | | | |
| | X2800500 | INLET PROTECTION (SPECIAL) | EACH | 1 | 1 | | | | | | | |
| | X4401198 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 5,756 | 5,756 | | | | | | | |
| | X4402805 | ISLAND REMOVAL | SQ FT | 87 | 87 | | | | | | | |
| | X5021507 | DEWATERING | L SUM | 1 | 1 | | | | | | | |
| | X5427602 | REMOVE EXISTING FLARED END SECTION | EACH | 1 | 1 | | | | | | | |
| | X5509900 | ABANDON AND FILL EXISTING STORM SEWER | FOOT | 55 | 55 | | | | | | | |
| | X5510012 | PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER | EACH | 5 | 5 | | | | | | | |
| △ | X5537800 | STORM SEWERS TO BE CLEANED 12" | FOOT | 44 | 44 | | | | | | | |
| △ | X5537900 | STORM SEWERS TO BE CLEANED 15" | FOOT | 39 | 39 | | | | | | | |
| | X6020094 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE | EACH | 1 | 1 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ROADWAY | SAFETY | SAFETY | SAFETY | | | | |
| | | | | | 0004 | 0021 | 0021 | 0021 | | | | |
| | | | | | URBAN | URBAN | URBAN | URBAN | | | | |
| | X6020502 | CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 22 FRAME AND GRATE (SPECIAL) | EACH | 2 | 2 | | | | | | | |
| | X6026050 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 5 | 5 | | | | | | | |
| | X6030310 | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) | EACH | 4 | 4 | | | | | | | |
| | X6700407 | ENGINEER'S FIELD OFFICE, TYPE A (D1) | CAL MO | 12 | 12 | | | | | | | |
| | X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1 | 1 | | | | | | | |
| | X7200061 | TEMPORARY INFORMATION SIGNING | SQ FT | 127 | 127 | | | | | | | |
| | X7830050 | RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL | EACH | 12 | 12 | | | | | | | |
| | X7830052 | RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT | EACH | 12 | 12 | | | | | | | |
| * | X8130125 | REMOVE EXISTING JUNCTION BOX | EACH | 2 | | 2 | | | | | | |
| * | X8570233 | FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL) | EACH | 1 | | 1 | | | | | | |
| * | X8620200 | UNINTERRUPTABLE POWER SUPPLY (SPECIAL) | EACH | 1 | | 1 | | | | | | |
| * | X8710200 | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM36F | FOOT | 6,079 | | 6,079 | | | | | | |
| * | X8760200 | ACCESSIBLE PEDESTRIAN SIGNALS | EACH | 8 | | 8 | | | | | | |
| * | X8809005 | LED SIGNAL FACE, LENS COVER | EACH | 19 | | 19 | | | | | | |
| * | X8891009 | VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH | EACH | 2 | | 2 | | | | | | |
| * | X8950510 | REMOVE FIBER OPTIC CABLE FROM CONDUIT | FOOT | 5,012 | | 5,012 | | | | | | |
| Ø | Z0076600 | TRAINEES | HOUR | 500 | 500 | | | | | | | |
| Ø | Z0076604 | TRAINEES - TRAINING PROGRAM GRADUATE | HOUR | 500 | 500 | | | | | | | |

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Ø 0042

MODEL: Summary of Quantities [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/2.3 CADD Data/Sheets/D162B64-sht-SOQ13.dgn

Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

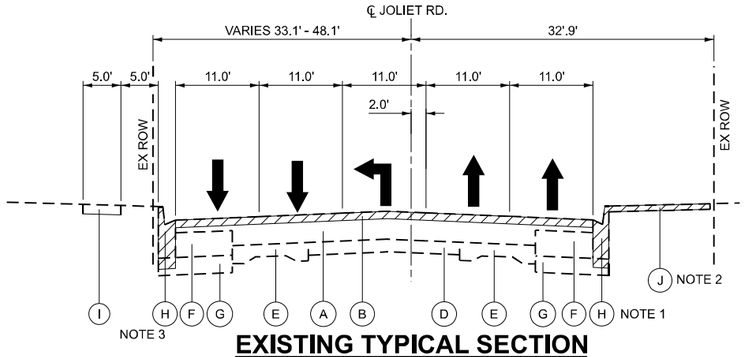
| | | | |
|---|---|---|---|
| USER NAME = Winson.Teng | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
JOLIET ROAD AT BRAINARD AVENUE

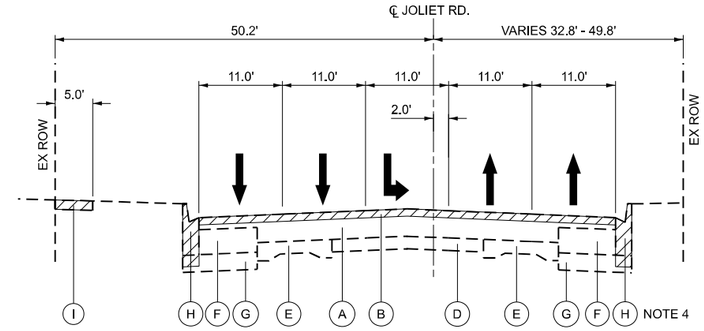
SCALE: NONE | SHEET 13 OF 13 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 16 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |



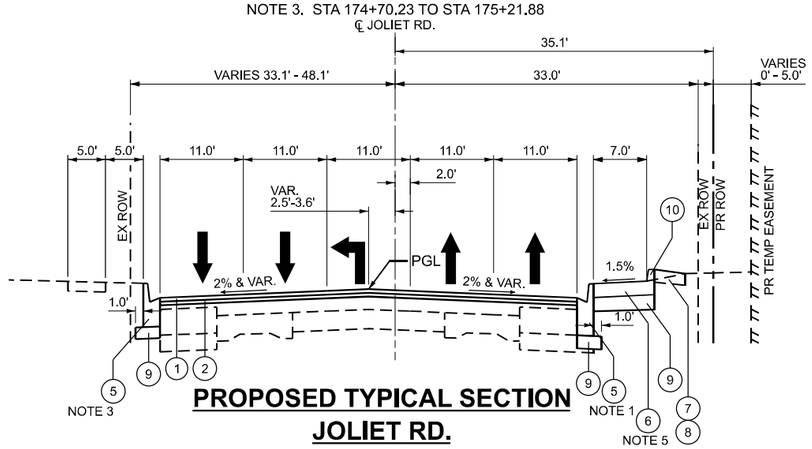

## EXISTING TYPICAL SECTION
## JOLIET RD.

STA 171+65.00 TO STA 175+78.00
NOTE 1. STA 173+03.95 TO STA 175+15.00
NOTE 2. STA 174+42.10 TO STA 175+10.27
NOTE 3. STA 174+70.23 TO STA 175+21.88



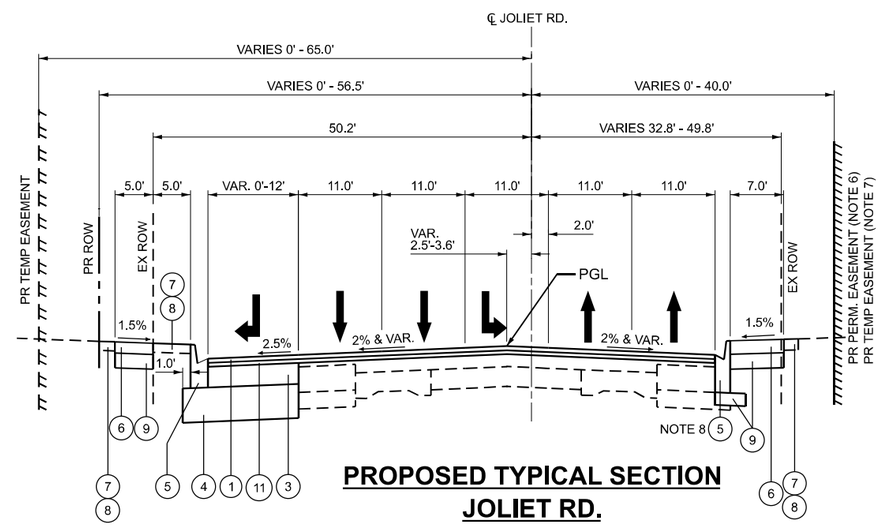

## EXISTING TYPICAL SECTION
## JOLIET RD.

STA 175+78.00 TO STA 179+50.00
NOTE 4. STA 176+10.00 TO STA 178+65.42




## PROPOSED TYPICAL SECTION
## JOLIET RD.

STA 171+65.00 TO STA 175+78.00
NOTE 5. STA 173+06.06 TO STA 175+30.20




## PROPOSED TYPICAL SECTION
## JOLIET RD.

STA 175+78.00 TO STA 179+50.00
NOTE 6. STA 175+98.16 TO 176+35.00
NOTE 7. STA 176+35.00 TO STA 178+08.60
NOTE 8 . STA 176+08.48 TO STA 178+65.42

| MIXTURE TYPE | AIR VOIDS @ NDES | QMP |
|---|---|---|
| PAVEMENT RESURFACING (JOLIET ROAD - WEST LEG, BRAINARD AVENUE) | | |
| POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80 (1 3/4") | 3.5% @ 80 Gyr. | QC/QA |
| HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1 1/2") | 4% @ 70 Gyr. | QC/QA |
| PAVEMENT WIDENING (JOLIET ROAD - WEST LEG, BRAINARD AVENUE) | | |
| POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80 (1 3/4") | 3.5% @ 80 Gyr. | QC/QA |
| HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1 1/2") | 4% @ 70 Gyr. | QC/QA |
| HOT-MIX ASPHALT BASE COURSE, 7 3/4" (HMA BINDER IL-19.0) | 4% @ 90 Gyr. | QC/QA |
| HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4" (HMA BINDER IL-19.0) | 4% @ 90 Gyr. | QC/QA |
| PAVEMENT RESURFACING (JOLIET ROAD - EAST LEG) | | |
| POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80 (1 3/4") | 3.5% @ 80 Gyr. | QC/QA |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4") | 4% @ 70 Gyr. | QC/QA |
| PAVEMENT WIDENING (JOLIET ROAD - EAST LEG) | | |
| POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80 (1 3/4") | 3.5% @ 80 Gyr. | QC/QA |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4") | 4% @ 70 Gyr. | QC/QA |
| HOT-MIX ASPHALT BASE COURSE, 7 3/4" (HMA BINDER IL-19.0) | 4% @ 90 Gyr. | QC/QA |
| HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4" (HMA BINDER IL-19.0) | 4% @ 90 Gyr. | QC/QA |
| DRIVEWAYS | | |
| HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2") | 4% @ 50 Gyr. | QC/QA |
| HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0) (C.E.: 8") | 4% @ 50 Gyr. | QC/QA |
| PATCHING | | |
| CLASS D PATCHES (HMA BINDER IL-19.0) | 4% @ 70 Gyr. | QC/QA |
| HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0) | 4% @ 70 Gyr. | QC/QA |
| QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP) | | |

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANITITES IS 112 LBS/SQ YD/IN.
2. THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC SHALL BE "PG 64-22", UNLESS MODIFIED BY RECLAIMED MATERIALS
3. CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

## EXISTING LEGEND:

| | |
|---|---|
| A | EX HMA PAVEMENT, 7 1/4" AND VARIES |
| B | EX HMA SURFACE REMOVAL |
| C | NOT USED |
| D | EX PCC PAVEMENT 7" |
| E | EX PCC PAVEMENT, VARIES 7" TO 9" |
| F | EX PCC BASE COURSE, 9" |
| G | EX SUB-BASE GRANULAR MATERIAL, TYPE A, 6" |
| H | EX COMB CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| I | EX PCC SIDEWALK |
| J | EX BRICK PAVERS |
| ▨ | REMOVAL |

## PROPOSED LEGEND

| | |
|---|---|
| 1 | POLYMERIZED HMA SURFACE COURSE, IL-9.5, SMA, MIX "F", N80, 1 3/4" |
| 2 | HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1 1/2") |
| * 3 | HMA BASE COURSE WIDENING OR HMA BASE COURSE, 7 3/4" |
| 4 | AGGREGATE SUBGRADE IMPROVEMENT, 12" |
| 5 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| 6 | PCC SIDEWALK, 5" |
| 7 | SODDING, SALT TOLERANT |
| 8 | TOPSOIL FURNISH AND PLACE, 4" |
| 9 | SUBBASE GRANULAR MATERIAL, TYPE B 4" |
| 10 | CONCRETE CURB, TYPE B |
| 11 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4") |

* BINDER COURSE SHALL BE PAID FOR AS EITHER:
"HMA BASE COURSE WIDENING, 7 3/4" INCH" - FOR WIDENING 6 FT. OR LESS
"HMA BASE COURSE, 7 3/4" INCH" - FOR WIDENING GREATER THAN 6 FT.

MODEL: Roadway Typical Section - 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-TypicalSections01.dgn


Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

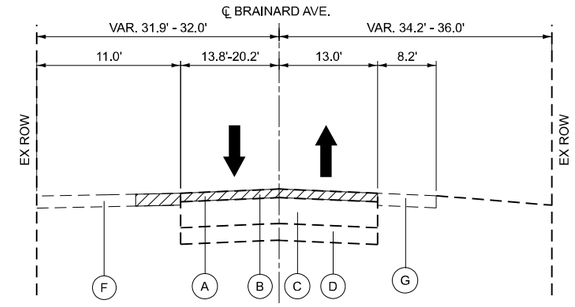

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
JOLIET ROAD AT BRAINARD AVENUE

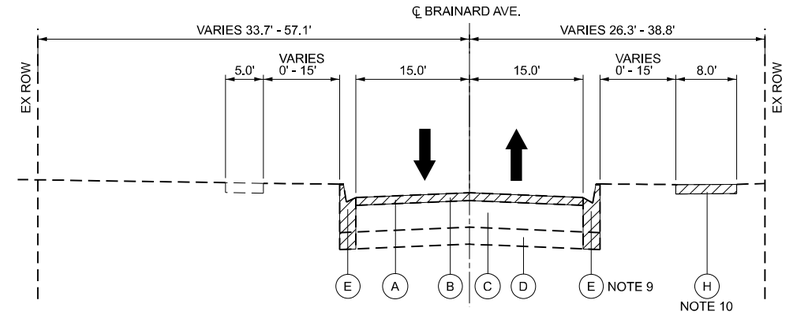
SCALE: N/A | SHEET 1 OF 2 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 17 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |



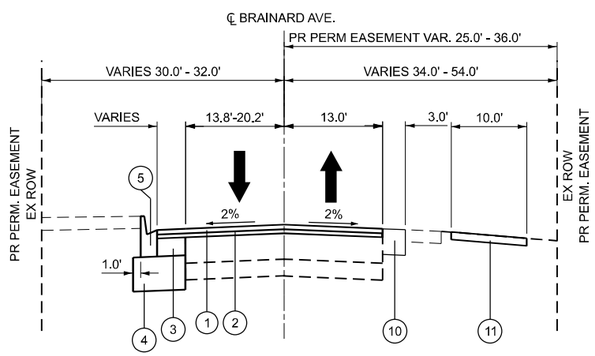

## EXISTING TYPICAL SECTION
## BRAINARD AVE.

STA 47+11.16 TO STA 47+69.95
INTERSECTION OMISSION
STA 47+69.95 TO STA 48+30.59



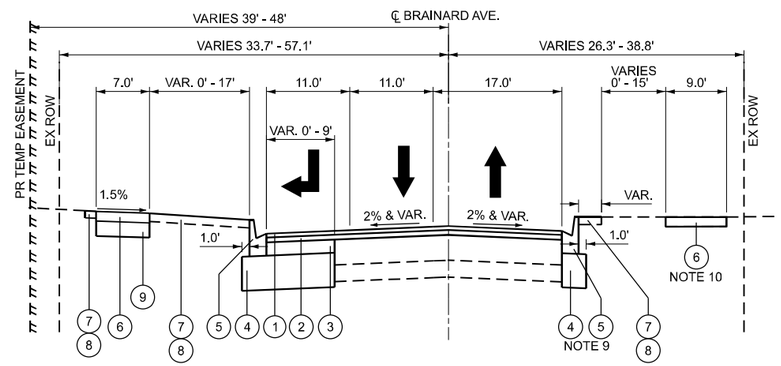

## EXISTING TYPICAL SECTION
## BRAINARD AVE.

STA 48+30.59 TO STA 52+80.00
NOTE 9. STA 48+92.71 TO STA 50+32.23
NOTE 10. STA 48+92.71 TO STA 49+27.94




## PROPOSED TYPICAL SECTION
## BRAINARD AVE.

STA 47+11.16 TO STA 47+69.95
INTERSECTION OMISSION
STA 47+69.95 TO STA 48+30.59




## PROPOSED TYPICAL SECTION
## BRAINARD AVE.

STA 48+30.59 TO STA 52+80.00

## EXISTING LEGEND:

- (A) EX HMA PAVEMENT, 3"
- (B) EX HMA SURFACE REMOVAL
- (C) EX PCC BASE COURSE, 9"
- (D) EX SUB-BASE GRANULAR MATERIAL, TYPE A, 6"
- (E) EX COMB CONCRETE CURB AND GUTTER, TYPE B-6.24
- (F) EX HMA DRIVEWAY
- (G) EX AGGREGATE SHOULDER
- (H) EX HMA MULTI-USE PATH
- (I) EX PCC SIDEWALK
- REMOVAL

## PROPOSED LEGEND

- (1) POLYMERIZED HMA SURFACE COURSE, IL-9.5, SMA, MIX "F", N80, 1 3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1 1/2")
- ** (3) HMA BASE COURSE WIDENING OR HMA BASE COURSE, 7 3/4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (6) PCC SIDEWALK, 5"
- (7) SODDING, SALT TOLERANT
- (8) TOPSOIL FURNISH AND PLACE, 4"
- (9) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (10) AGGREGATE SHOULDERS, TYPE B 8"
- (11) AGGREGATE SURFACE COURSE, TYPE B 4"

** BINDER COURSE SHALL BE PAID FOR AS EITHER:
"HMA BASE COURSE WIDENING, 7 3/4" INCH" - FOR WIDENING 6 FT. OR LESS
"HMA BASE COURSE, 7 3/4" INCH" - FOR WIDENING GREATER THAN 6 FT.

MODEL: Roadway Typical Section - 2 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserv_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-TypicalSections02.dgn


Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
JOLIET ROAD AT BRAINARD AVENUE

SCALE: | SHEET 2 OF 2 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 18 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

# EARTHWORK QUANTITIES

| JOILET ROAD | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| STATION TO STATION | | LENGTH (FT) | EARTH EXCAVATION (CU YD) | AFTER SHRINKAGE (15%) (CU YD) | EMBANKMENT (CU YD) | EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-) (CU YD) | TOP SOIL EXCAVATOIN (CU YD) | TOPSOIL FURNISH AND PLACE, 4" (CU YD) | TOPSOIL BALANCE WASTE(+) OR SHORTAGE(-) (CU YD) |
| FROM STATION | TO STATION | | 20200100 | | | | 21101505 | 21101615 | |
| 171+65 | 172+00 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 172+00 | 172+50 | 50 | 16 | 14 | 0 | 14 | 0 | 0 | 0 |
| 172+50 | 173+00 | 50 | 8 | 6 | 0 | 6 | 0 | 0 | 0 |
| 173+00 | 173+50 | 50 | 3 | 3 | 0 | 3 | 0 | 0 | 0 |
| 173+50 | 174+00 | 50 | 13 | 11 | 2 | 10 | 0 | 0 | 0 |
| 174+00 | 174+50 | 50 | 17 | 15 | 2 | 13 | 0 | 0 | 0 |
| 174+50 | 175+00 | 50 | 5 | 4 | 1 | 3 | 0 | 0 | 0 |
| 175+00 | 175+50 | 50 | 21 | 17 | 1 | 16 | 0 | 0 | 0 |
| 175+50 | 176+00 | 50 | 36 | 31 | 1 | 29 | 3 | 0 | 3 |
| 176+00 | 176+50 | 50 | 55 | 47 | 1 | 46 | 8 | 2 | 6 |
| 176+50 | 177+00 | 50 | 77 | 65 | 7 | 58 | 6 | 1 | 5 |
| 177+00 | 177+50 | 50 | 77 | 65 | 14 | 51 | 16 | 4 | 12 |
| 177+50 | 178+00 | 50 | 56 | 48 | 14 | 34 | 9 | 4 | 5 |
| 178+00 | 178+50 | 50 | 37 | 31 | 11 | 20 | 15 | 4 | 11 |
| 178+50 | 178+85 | 35 | 53 | 45 | 7 | 38 | 14 | 5 | 9 |
| TOTAL | | | 480 | 410 | 70 | 340 | 80 | 20 | 60 |

| BRAINARD AVENUE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| STATION TO STATION | | LENGTH (FT) | EARTH EXCAVATION (CU YD) | AFTER SHRINKAGE (15%) (CU YD) | EMBANKMENT (CU YD) | EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-) (CU YD) | TOP SOIL EXCAVATOIN (CU YD) | TOPSOIL FURNISH AND PLACE, 4" (CU YD) | TOPSOIL BALANCE WASTE(+) OR SHORTAGE(-) (CU YD) |
| FROM STATION | TO STATION | | 20200100 | | | | 21101505 | 21101615 | |
| 47+11 | 47+50 | 39 | 0 | 0 | 0 | 0 | 0 | 2 | -2 |
| 47+50 | 48+00 | 50 | 14 | 12 | 1 | 11 | 12 | 1 | 11 |
| 48+00 | 48+50 | 50 | 59 | 50 | 1 | 49 | 4 | 1 | 3 |
| 48+50 | 49+00 | 50 | 76 | 64 | 8 | 56 | 8 | 8 | 0 |
| 49+00 | 49+50 | 50 | 100 | 85 | 8 | 77 | 12 | 8 | 4 |
| 49+50 | 50+00 | 50 | 117 | 99 | 1 | 99 | 18 | 6 | 12 |
| 50+00 | 50+50 | 50 | 100 | 85 | 2 | 83 | 17 | 5 | 12 |
| 50+50 | 51+00 | 50 | 69 | 58 | 1 | 58 | 5 | 3 | 2 |
| 51+00 | 51+50 | 50 | 34 | 29 | 0 | 29 | 10 | 2 | 8 |
| 51+50 | 52+00 | 50 | 64 | 55 | 0 | 55 | 8 | 2 | 6 |
| 52+00 | 52+50 | 50 | 54 | 46 | 0 | 46 | 6 | 2 | 4 |
| 52+50 | 52+80 | 30 | 30 | 26 | 0 | 26 | 2 | 1 | 1 |
| TOTAL | | | 720 | 610 | 30 | 580 | 110 | 50 | 60 |

MODEL: Index Sheet [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 1985653.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-EarthWorkQuantity.dgn


Michael Baker
INTERNATIONAL
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Phone: (312) 707-6770 • MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - CL | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: NONE | SHEET 1 OF 6 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 19 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |

# SCHEDULE OF QUANTITIES

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 30300112 | AGGREGATE SUBGRADE IMPROVEMENT 12" | | | SQ YD |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 175+20.55 | 31.05' LT | 176+07.38 | 100.26' LT | 115.3 |
| 176+36.60 | 87.08' LT | 179+05.23 | 31.09' LT | 385.7 |
| 175+23.44 | 26.99' RT | 175+26.78 | 69.63' RT | 24.7 |
| BRAINARD AVE | | | | |
| 49+00.00 | 15.55' LT | 52+80.37 | 31.62' LT | 435.5 |
| 49+00.01 | 17.51' RT | 50+32.22 | 14.61' RT | 69.0 |
| | | | | |
| | | | TOTAL: | 1031 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | | | POUND |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 176+36.00 | 31.77' LT | 178+36.00 | 31.09' LT | 124.2 |
| 171+65.00 | LT/RT | 179+50.00 | LT/RT | 2937.4 |
| 171+65.00 | LT/RT | 179+50.00 | LT/RT | 1305.6 |
| | | | | |
| BRAINARD AVE | | | | |
| #REF! | 0 | 0+00.00 | 0 | 141.2 |
| 0+00.00 | 0 | 0+00.00 | 0 | 805.8 |
| 171+65.00 | LT/RT | 179+50.00 | LT/RT | 358.2 |
| | | | | |
| | | | TOTAL: | 5673 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 35501315 | HOT-MIX ASPHALT BASE COURSE, 7 3/4" | | | SQ YD |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 176+36.00 | 31.77' LT | 178+36.00 | 31.09' LT | 275.9 |
| BRAINARD AVE | | | | |
| 48+39.00 | 27 LT | 51+69.00 | 15 LT | 313.7 |
| | | | TOTAL: | 590 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 35600707 | HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4" | | | SQ YD |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 175+25.00 | 27 RT | 175+33.00 | 69 RT | 6.7 |
| 178+35.00 | 31LT | 179+05.00 | 31LT | 22.1 |
| BRAINARD AVE | | | | |
| 48+08.00 | 53 LT | 48+39.00 | 27 LT | 13.3 |
| 51+69.00 | 15 LT | 52+76.00 | 27 LT | 29.2 |
| | | | | |
| | | | | |
| | | | | |
| | | | TOTAL: | 72 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 42300400 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | | | SQ YD |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 173+98.96 | 27.42 RT | 174+46.67 | 27.44 RT | 46.2 |
| 175+27.00 | 51RT | 175+26.00 | 69 RT | 11.8 |
| 177+53.14 | 45.58 LT | 177+75.13 | 45.16 LT | 31.7 |
| BRAINARD AVE | | | | |
| 50+54.58 | 26.23 LT | 50+92.60 | 25.17 LT | 49.7 |
| | | | | |
| | | | TOTAL: | 140 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 40602985 | HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 | | | TON |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 171+65 | LT/RT | 175+78 | LT/RT | 243.1 |
| BRAINARD AVE | | | | |
| 49+00.00 | LT/RT | 52+80.00 | LT/RT | 89.0 |
| 47+11.00 | LT/RT | 47+70.00 | LT/RT | 9.3 |
| 48+30.00 | LT/RT | 49+48.00 | LT/RT | 22.4 |
| | | | TOTAL: | 364 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 40605026 | POLY. HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 | | | TON |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 171+65.00 | LT/RT | 179+50.00 | LT/RT | 568.70 |
| BRAINARD AVE | | | | |
| 49+00.00 | LT/RT | 52+80.00 | LT/RT | 156.00 |
| | | | | |
| | | | TOTAL: | 725 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 42400410 | PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH | | | SQ FT |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | | | | |
| JOLIET RD | | | | |
| 175+12.00 | RT | 175+30.00 | RT | 152 |
| 175+37.00 | LT | 175+76.00 | LT | 257 |
| 175+80.00 | RT | 176+08.00 | RT | 181 |
| 176+47.00 | LT | 176+74.00 | LT | 314 |
| | | | | |
| | | | TOTAL: | 904 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 40603085 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 | | | TON |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD WEST LEG | | | | |
| 175+78.00 | LT/RT | 179+50.00 | LT/RT | 292.0 |
| | | | TOTAL: | 293 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 31101200 | SUBBASE GRANULAR MATERIAL, TYPE B 4" | | | SQ YD |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 173+06.00 | 33.60 RT | 174+03.00 | 33.60 RT | 73.1 |
| 174+43.00 | 33.61RT | 175+12.00 | 42.15 RT | 57.1 |
| 175+67.00 | 51.87 RT | 178+69.00 | 33.42 RT | 231.6 |
| 176+74.00 | 56.00 LT | 177+55.00 | 50.58 LT | 47.8 |
| 177+72.00 | 50.40 LT | 178+65.00 | 42.75 LT | 52.9 |
| 175+21.00 | 41.39 LT | 175+82.00 | 111.7 LT | 51.3 |
| 175+12.00 | RT | 175+30.00 | RT | 16.9 |
| 175+37.00 | LT | 175+76.00 | LT | 28.6 |
| 175+80.00 | RT | 176+08.00 | RT | 20.2 |
| 176+47.00 | LT | 176+74.00 | LT | 34.9 |
| 173+98.96 | 27.42 RT | 174+46.67 | 27.44 RT | 46.2 |
| 175+27.00 | 51RT | 175+26.00 | 69 RT | 11.8 |
| 177+53.14 | 45.58 LT | 177+75.13 | 45.16 LT | 31.7 |
| BRAINARD AVE | | | | |
| 49+00.00 | 42.49 LT | 50+58.00 | 33.06 LT | 87.2 |
| 50+89.00 | 32.30 LT | 52+75.00 | 45.70 LT | 154.1 |
| 49+00.00 | 28.05 RT | 49+28.00 | 27.60 RT | 38.5 |
| 50+54.58 | 26.23 LT | 50+92.60 | 25.17 LT | 49.7 |
| | | | | |
| | | | | |
| | | | TOTAL: | 1034 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | | | SQ FT |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 173+06.00 | 33.60 RT | 174+03.00 | 33.60 RT | 657.6 |
| 174+43.00 | 33.61RT | 175+12.00 | 42.15 RT | 513.4 |
| 175+67.00 | 51.87 RT | 178+69.00 | 33.42 RT | 2083.6 |
| 176+74.00 | 56.00 LT | 177+55.00 | 50.58 LT | 429.7 |
| 177+72.00 | 50.40 LT | 178+65.00 | 42.75 LT | 475.3 |
| 175+21.00 | 41.39 LT | 175+82.00 | 111.7 LT | 461.0 |
| BRAINARD AVE | | | | |
| 49+00.00 | 42.49 LT | 50+58.00 | 33.06 LT | 784.6 |
| 50+89.00 | 32.30 LT | 52+75.00 | 45.70 LT | 1386.7 |
| 49+00.00 | 28.05 RT | 49+28.00 | 27.60 RT | 346.2 |
| | | | | |
| | | | TOTAL: | 7139 |

MODEL: Schedule of Quantities [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserva_PTB208_005/W06 - 1985653.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-schedule01.dgn


Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: NONE | SHEET 2 OF 6 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 20 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |

# SCHEDULE OF QUANTITIES

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 42400800 | DETECTABLE WARNINGS | | | SQ FT |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 173+06.00 | 33.59' RT | 173+19.00 | 26.59' RT | 27.3 |
| 175+16.00 | 26.96' RT | 175+28.00 | 35.56' RT | 28.2 |
| 175+79.00 | 36.16' RT | 176+08.00 | 26.04' RT | 50.2 |
| 176+48.57 | 66.26' LT | 176+60.89 | 50.97' LT | 27.4 |
| 175+34.00 | 35.04' LT | 175+49.00 | 39.73' LT | 14.8 |
| 175+71.00 | 56.12' LT | 175+77.00 | 64.04' LT | 15.3 |
| BRAINARD AVE | | | | |
| 50+48.00 | 28.26' LT | 50+58.00 | 33.09' LT | 14.0 |
| 50+89.00 | 32.29' LT | 51+00.00 | 25.24' LT | 26.8 |
| 0+00.00 | 0+00.00 | 0+00.00 | 0+00.00 | 0.0 |
| | | | TOTAL: | 204 |

| CODE # | PAY ITEM | | | | UNIT |
|---|---|---|---|---|---|
| 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | | | | SQ FT |
| FROM STA. | OFFSET | TO STA. | OFFSET | NOTES | QUANTITY |
| | LT/RT | | LT/RT | | |
| JOLIET RD | | | | | |
| 173+84.00 | LT | 174+16.00 | LT | LT ARROW & ONLY | 36.4 |
| 177+24.00 | LT | 177+55.00 | LT | RT ARROW & ONLY | 36.4 |
| 177+36.00 | LT | 177+68.00 | LT | LT ARROW & ONLY | 36.4 |
| BRAINARD AVE | | | | | |
| 48+73.00 | LT | 49+04.00 | LT | RT ARROW & ONLY | 36.4 |
| 48+73.00 | LT | 49+09.00 | LT | LT/THRU ARROW & ONLY | 46.8 |
| 50+93.00 | LT | 51+23.00 | LT | RT ARROW & ONLY | 36.4 |
| 50+89.00 | LT | 51+23.00 | LT | LT/THRU ARROW & ONLY | 46.8 |
| | | | | TOTAL: | 276 |

| CODE # | PAY ITEM | | | | UNIT |
|---|---|---|---|---|---|
| 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | | | | FOOT |
| FROM STA. | OFFSET | TO STA. | OFFSET | NOTES | QUANTITY |
| | LT/RT | | LT/RT | | |
| JOLIET RD | | | | | |
| 173+74.00 | RT | 175+21.00 | RT | SOLID WHITE | 146.4 |
| 176+43.00 | LT | 177+78.00 | LT | SOLID WHITE | 135.0 |
| 176+54.00 | LT | 177+70.00 | LT | SOLID WHITE | 115.9 |
| 175+97.00 | RT | 176+51.00 | LT | SOLID WHITE | 97.6 |
| 176+10.00 | RT | 176+58.00 | LT | SOLID WHITE | 87.5 |
| 172+39.00 | RT | 173+74.00 | RT | 2' DASH 6' SKIP | 33.8 |
| 177+78.00 | LT | 179+13.00 | LT | 2' DASH 6' SKIP | 33.8 |
| 177+70.00 | LT | 179+05.00 | LT | 2' DASH 6' SKIP | 33.8 |
| BRAINARD AVE | | | | | |
| 48+64.00 | LT | 51+33.00 | LT | SOLID WHITE | 269.9 |
| 51+33.00 | LT | 52+48.00 | LT | 2' DASH 6' SKIP | 28.8 |
| | | | | TOTAL: | 983 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | | | EACH |
| ROAD | LOCATION | | | QUANTITY |
| JOLIET RD | | | | |
| | WEST LEG | | | 44 |
| | EAST LEG | | | 38 |
| BRAINARD AVE | | | | |
| | NORTH LEG | | | 12 |
| | | | TOTAL: | 94 |

| CODE # | PAY ITEM | | | | UNIT |
|---|---|---|---|---|---|
| 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | | | | FOOT |
| FROM STA. | OFFSET | TO STA. | OFFSET | NOTES | QUANTITY |
| | LT/RT | | LT/RT | | |
| JOLIET RD | | | | | |
| 175+58.00 | RT | 175+72.00 | RT | SOLID WHITE | 13.7 |
| 175+82.00 | LT | 176+06.00 | LT | SOLID WHITE | 24.4 |
| 175+14.00 | RT | 175+24.00 | LT | SOLID WHITE | 33.0 |
| 176+37.00 | RT | 176+58.00 | LT | SOLID WHITE | 39.5 |
| 176+54.00 | LT | 176+62.00 | LT | SOLID WHITE | 18.0 |
| | | | | TOTAL: | 129 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 60600605 | CONCRETE CURB, TYPE B | | | FOOT |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 173+99.00 | RT | 174+04.00 | RT | 11 |
| 174+42.00 | RT | 174+47.00 | RT | 8 |
| 177+53.00 | LT | 177+56.00 | LT | 11 |
| 177+71.00 | LT | 177+75.00 | LT | 12 |
| 178+62.00 | RT | 178+73.00 | RT | 26 |
| BRAINARD AVE | | | | |
| | | | TOTAL: | 68 |

| CODE # | PAY ITEM | | | | UNIT |
|---|---|---|---|---|---|
| 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | | | | FOOT |
| FROM STA. | OFFSET | TO STA. | OFFSET | NOTES | QUANTITY |
| | LT/RT | | LT/RT | | |
| JOLIET RD | | | | | |
| 171+65.00 | LT | 175+25.00 | LT | 10' DASH 30' SKIP | 90.7 |
| 176+68.00 | LT | 182+96.00 | LT | 10' DASH 30' SKIP | 157.1 |
| 171+65.00 | RT | 175+17.00 | RT | 10' DASH 30' SKIP | 88.0 |
| 176+66.00 | RT | 179+50.00 | RT | 10' DASH 30' SKIP | 70.9 |
| 171+65.00 | LT | 175+25.00 | LT | DOUBLE YELLOW | 719.0 |
| 171+65.00 | RT | 173+74.00 | LT | DOUBLE YELLOW | 419.4 |
| 176+35.00 | RT | 179+50.00 | RT | DOUBLE YELLOW | 629.2 |
| 177+78.00 | RT | 179+50.00 | LT | DOUBLE YELLOW | 345.6 |
| BRAINARD AVE | | | | | |
| 47+11.00 | LT/RT | 47+53.00 | LT/RT | DOUBLE YELLOW | 84.0 |
| 48+69.00 | LT | 53+78.00 | LT | DOUBLE YELLOW | 873.0 |
| | | | | TOTAL: | 3477 |

| CODE # | PAY ITEM | | | | UNIT |
|---|---|---|---|---|---|
| 78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | | | | FOOT |
| FROM STA. | OFFSET | TO STA. | OFFSET | NOTES | QUANTITY |
| | LT/RT | | LT/RT | | |
| JOLIET RD | | | | | |
| 176+20.00 | LT | 176+34.00 | LT | SOLID WHITE | 53.0 |
| 176+46.00 | LT | 176+48.00 | LT | SOLID WHITE | 15.1 |
| 176+23.00 | LT | 176+28.00 | LT | SOLID WHITE | 16.1 |
| 176+30.00 | LT | 176+41.00 | LT | SOLID WHITE | 18.9 |
| | | | | TOTAL: | 104 |

| CODE # | PAY ITEM | | | | UNIT |
|---|---|---|---|---|---|
| 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | | | | EACH |
| ROAD | LOCATION | | | | QUANTITY |
| JOLIET RD | | | | | |
| | WEST LEG | | | | 44.00 |
| | EAST LEG | | | | 38.00 |
| BRAINARD AVE | | | | | |
| | NORTH LEG | | | | 14.00 |
| | SOUTH LEG | | | | 2.00 |
| | | | | TOTAL: | 98 |

| CODE # | PAY ITEM | | | | UNIT |
|---|---|---|---|---|---|
| 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | | | | FOOT |
| FROM STA. | OFFSET | TO STA. | OFFSET | NOTES | QUANTITY |
| | LT/RT | | LT/RT | | |
| JOLIET RD | | | | | |
| 172+68.00 | LT | 172+76.00 | LT | SOLID YELLOW | 11.3 |
| 178+41.00 | LT | 178+46.00 | RT | SOLID YELLOW | 7.3 |
| 179+10.00 | LT | 179+21.00 | RT | SOLID YELLOW | 15.3 |
| 175+28.00 | RT | 175+83.00 | RT | SOLID WHITE | 107.6 |
| 175+76.00 | LT | 176+48.00 | LT | SOLID WHITE | 164.9 |
| 176+09.00 | LT | 176+54.00 | LT | SOLID WHITE | 93.9 |
| 175+23.00 | RT | 175+43.00 | LT | SOLID WHITE | 126.6 |
| 175+98.00 | RT | 176+50.00 | LT | SOLID WHITE | 347.5 |
| | | | | TOTAL: | 875 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 60603800 | COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12 | | | FOOT |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 173+02.00 | 39.00' RT | 173+10.00 | 28.00' RT | 14.0 |
| BRAINARD AVE | | | | |
| 50+54.00 | 26.00' LT | 50+63.00 | 26.00' LT | 17.0 |
| 50+85.00 | 26.00' LT | 50+93.00 | 26.00' LT | 16.0 |
| | | | TOTAL: | 47 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 60605000 | COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24 | | | FOOT |
| FROM STA. | OFFSET | TO STA. | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 173+04.00 | 24.00' RT | 175+32.00 | 52.56' RT | 249.0 |
| 175+60.00 | 59.73' RT | 178+65.00 | 23.83' RT | 321.5 |
| 174+70.00 | 31.00 ' LT | 175+98.76 | 104.15' LT | 165.9 |
| 176+43.62 | 83.93' LT | 179+05.20 | 31.09' LT | 287.9 |
| BRAINARD AVE | | | | |
| 49+00.00 | 24.00' LT | 52+80.00 | 30.85' LT | 387.3 |
| 49+00.01 | 25.22'RT | 50+32.25 | 14.65' RT | 133.8 |
| | | | TOTAL: | 1546 |

MODEL: Schedule of Quantities [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-schedule02.dgn


Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666468 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: NONE | SHEET 3 OF 6 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 21 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |

# SCHEDULE OF QUANTITIES

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT | | | SQ YD |
| FROM STA | OFFSET | TO STA | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 171+69.50 | 31.00' LT | 171+69.50 | 24.03' LT | 27.6 |
| 179+45.47 | 30.82' LT | 179+45.47 | 24.06' RT | 27.5 |
| 175+28.64 | 65.5' RT | 175+52.62 | 77.78' RT | 13.6 |
| BRAINARD AVE | | | | |
| 52+72.45 | 23.61' LT | 52+75.49 | 14.92' RT | 20.6 |
| | | | | |
| | | | TOTAL: | 90 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| X4401198 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | | | SQ YD |
| FROM STA | OFFSET | TO STA | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 172+25.00 | LT/RT | 179+00.00 | LT/RT | 4119 |
| BRAINARD AVE | | | | |
| 49+00.00 | RT | 52+00.00 | RT | 1636.6 |
| | | | | |
| | | | TOTAL: | 5756 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | | | SQ YD |
| FROM STA | OFFSET | TO STA | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 173+98.00 | 24' RT | 174+40.00 | 24' RT | 28.0 |
| 177+46.00 | 34' LT | 177+81.00 | 34' LT | 61.3 |
| 175+27.00 | 51' RT | 175+26.00 | 69' RT | 11.7 |
| 174+03.00 | 34' RT | 175+22.00 | 36' RT | 71.5 |
| BRAINARD AVE | | | | |
| 50+47.00 | 18' LT | 50+97.00 | 16' LT | 83.8 |
| | | | | |
| | | | TOTAL: | 257 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 44000162 | HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" | | | SQ YD |
| FROM STA | OFFSET | TO STA | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 171+65.00 | LT/RT | 172+25.00 | LT/RT | 337 |
| BRAINARD AVE | | | | |
| 52+00.00 | LT/RT | 52+80.00 | LT/RT | 263 |
| | | | | |
| | | | TOTAL: | 601 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 44000600 | SIDEWALK REMOVAL | | | SQ FT |
| FROM STA | OFFSET | TO STA | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 176+55.01 | 45' LT | 177+55.92 | 45.8' LT | 505.0 |
| 177+72.03 | 45.64' LT | 178+65.46 | 42.68' LT | 464.0 |
| 17520.54 | 41.5'LT | 175+90.00 | 100' LT | 486.0 |
| BRAINARD AVE | | | | |
| 48+90.00 | 35.5' LT | 50+58.44 | 31.68' LT | 795.0 |
| 50+88.29 | 30.15' LT | 52+74.79 | 45.66' LT | 1015.0 |
| | | | | |
| | | | | |
| | | | TOTAL: | 3265 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | | | FOOT |
| FROM STA | OFFSET | TO STA | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 173+04.00 | 24.11' RT | 175+27.00 | 69.36' RT | 269.0 |
| 173+02.00 | 39.63' RT | 173+10.00 | 27.33' RT | 16.1 |
| 174+01.00 | 27.29' RT | 174+05.00 | 33.23' RT | 7.9 |
| 174+41.00 | 33.01' RT | 174+49.00 | 26.94' RT | 10.6 |
| 175+60.00 | 59.85' RT | 178+65.00 | 23.75' RT | 321.5 |
| 178+63.00 | 27.78' RT | 178+73.00 | 48.71' RT | 24.9 |
| 174+70.00 | 30.97' LT | 176+07.00 | 100.26' LT | 170.7 |
| 176+37.00 | 87.10' LT | 179+05.00 | 31.09' LT | 303.9 |
| 176+18.00 | 31.35' LT | 0+00.00 | 0 | 58.0 |
| 177+46.00 | 34.33' LT | 177+56.00 | 45.80' LT | 15.9 |
| 177+72.00 | 45.64' LT | 177+81.00 | 34.70' LT | 14.5 |
| BRAINARD AVE | | | | |
| 49+00.00 | 14.55' LT | 52+80.00 | 30.82' LT | 386.2 |
| 49+00.00 | 17.46' RT | 50+32.00 | 14.65' RT | 132.5 |
| 50+47.00 | 18.96' LT | 50+63.00 | 42.17' LT | 29.4 |
| 50+85.00 | 40.33' LT | 50+97.00 | 17.31' LT | 28.2 |
| | | | | |
| | | | TOTAL: | 1790 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 44000165 | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | | | SQ YD |
| FROM STA | OFFSET | TO STA | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 179+00.00 | LT/RT | 179+50.00 | LT/RT | 279 |
| | | | | |
| | | | TOTAL: | 279 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| X4402805 | ISLAND REMOVAL | | | SQ FT |
| FROM STA | OFFSET | TO STA | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 176+09.86 | 31.295 LT | 176+28.35 | 33.38 LT | 86.7 |
| | | | | |
| | | | TOTAL: | 87 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| X0327036 | BIKE PATH REMOVAL | | | SQ YD |
| FROM STA | OFFSET | TO STA | OFFSET | QUANTITY |
| | LT/RT | | LT/RT | |
| JOLIET RD | | | | |
| 176+39.00 | 75 LT | 176+63.00 | 50 LT | 76.0 |
| | | | | |
| | | | TOTAL: | 76 |

MODEL: Schedule of Quantities [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-schedule03.dgn


Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666468 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
JOLIET ROAD AT BRAINARD AVENUE

SCALE: NONE | SHEET 4 OF 6 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 22 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

# SCHEDULE OF QUANTITIES

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | | | SQ YD |
| **FROM STA.** | **TO STA.** | **OFFSET** | **AREA (SQ FT)** | **QUANTITY** |
| 176+32.00 | 178+71.00 | RT | 1575 | 175 |
| 47+15.00 | 50+00.00 | RT | 332 | 37 |
| | | | **TOTAL:** | 212 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 25000312 | SEEDING, CLASS 4A | | | ACRE |
| **FROM STA.** | **TO STA.** | **OFFSET** | **AREA (SQ YD)** | **QUANTITY** |
| 176+32.00 | 178+71.00 | RT | 175 | 0.04 |
| 47+15.00 | 50+00.00 | RT | 37 | 0.01 |
| | | | **ROUNDED TOTAL** | 0.25 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 25000400 | NITROGEN FERTILIZER NUTRIENT | | | POUND |
| **FROM STA.** | **TO STA.** | **OFFSET** | **AREA (ACRE)** | **QUANTITY** |
| 176+32.00 | 178+71.00 | RT | 0.04 | 4 |
| 47+15.00 | 50+00.00 | RT | 0.01 | 1 |
| | | | **TOTAL:** | 5 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | | | POUND |
| **FROM STA.** | **TO STA.** | **OFFSET** | **AREA (ACRE)** | **QUANTITY** |
| 176+32.00 | 178+71.00 | RT | 0.04 | 3.60 |
| 47+15.00 | 50+00.00 | RT | 0.01 | 0.90 |
| | | | **TOTAL:** | 5 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 25100630 | EROSION CONTROL BLANKET | | | SQ YD |
| **FROM STA.** | **TO STA.** | **OFFSET** | **AREA (SQ FT)** | **QUANTITY** |
| 176+32.00 | 178+71.00 | RT | 1575.00 | 175 |
| 47+15.00 | 50+00.00 | RT | 331.94 | 37 |
| | | | **TOTAL:** | 212 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 25200110 | SODDING, SALT TOLERANT | | | SQ YD |
| **FROM STA.** | **TO STA.** | **OFFSET** | **AREA (SQ FT)** | **QUANTITY** |
| 173+00.00 | 174+03.00 | RT | 142.36 | 16 |
| 174+60.00 | 175+34.00 | LT | 516.99 | 57 |
| 175+10.00 | 175+45.00 | LT | 66.82 | 7 |
| 176+72.00 | 177+55.00 | LT | 404.01 | 45 |
| 176+79.00 | 177+55.00 | LT | 115.41 | 13 |
| 177+70.00 | 179+31.00 | LT | 605.45 | 67 |
| 177+73.00 | 179+28.00 | LT | 904.83 | 101 |
| 47+04.00 | 47+64.00 | RT | 804.49 | 89 |
| 48+54.00 | 50+53.00 | LT | 1994.96 | 222 |
| 48+92.00 | 49+45.00 | LT | 93.14 | 10 |
| 49+00.00 | 50+34.00 | RT | 1234.13 | 137 |
| 49+05.00 | 49+38.00 | RT | 44.62 | 5 |
| 49+53.00 | 50+61.00 | LT | 312.58 | 35 |
| 50+86.00 | 52+69.00 | LT | 1372.43 | 152 |
| 52+75.00 | 52+85.00 | LT | 203.95 | 23 |
| | | | **TOTAL:** | 980 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 25200200 | SUPPLEMENTAL WATERING | | | UNIT |
| **FROM STA.** | **TO STA.** | **OFFSET** | **AREA (SQ YD)** | **QUANTITY** |
| 173+00.00 | 174+03.00 | RT | 15.8 | 0.2 |
| 174+60.00 | 175+34.00 | LT | 57.4 | 0.9 |
| 175+10.00 | 175+45.00 | LT | 7.4 | 0.1 |
| 176+72.00 | 177+55.00 | LT | 44.9 | 0.7 |
| 176+79.00 | 177+55.00 | LT | 12.8 | 0.2 |
| 177+70.00 | 179+31.00 | LT | 67.3 | 1.0 |
| 177+73.00 | 179+28.00 | LT | 100.5 | 1.5 |
| 47+04.00 | 47+64.00 | RT | 89.4 | 1.3 |
| 48+54.00 | 50+53.00 | LT | 221.7 | 3.3 |
| 48+92.00 | 49+45.00 | LT | 10.3 | 0.2 |
| 49+00.00 | 50+34.00 | RT | 137.1 | 2.1 |
| 49+05.00 | 49+38.00 | RT | 5.0 | 0.1 |
| 49+53.00 | 50+61.00 | LT | 34.7 | 0.5 |
| 50+86.00 | 52+69.00 | LT | 152.5 | 2.3 |
| 52+75.00 | 52+85.00 | LT | 22.7 | 0.3 |
| | | | **TOTAL:** | 15 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | | | POUND |
| **LOCATION** | **FROM STA.** | **TO STA.** | **AREA (SQ FT)** | **QUANTITY** |
| JOLIET RD | 174+60.00 | 175+34.00 | 1.18 | 1.2 |
| BRAINARD AVE | 48+10.00 | 50+61.00 | 8.04 | 8.0 |
| BRAINARD AVE | 50+86.00 | 52+69.00 | 3.15 | 3.2 |
| BRAINARD AVE | 52+75.00 | 52+85.00 | 0.47 | 0.5 |
| | | | **TOTAL:** | 13 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 28000400 | PERIMETER EROSION BARRIER | | | FOOT |
| **LOCATION** | **FROM STA.** | **TO STA.** | **LENGTH** | **QUANTITY** |
| JOLIET RD. STAGE 1 | 176+59.00 | 177+49.00 | 118 | 118 |
| JOLIET RD. STAGE 1 | 177+77.00 | 179+32.00 | 172 | 172 |
| JOLIET RD. STAGE 1 | 176+10.00 | 178+71.00 | 263 | 263 |
| BRAINARD STAGE 1 | 46+90.00 | 47+76.00 | 93 | 93 |
| BRAINARD STAGE 1 | 49+09.00 | 49+97.00 | 88 | 88 |
| BRAINARD STAGE 2 | 48+12.00 | 50+61.00 | 272 | 272 |
| BRAINARD STAGE 2 | 50+87.00 | 51+84.00 | 215 | 215 |
| | | | **TOTAL:** | 1222 |

| CODE # | PAY ITEM | | UNIT |
|---|---|---|---|
| 28000510 | INLET FILTERS | | EACH |
| **LOCATION** | **STA.** | **OFFSET** | **QUANTITY** |
| JOLIET RD | 172+11.00 | 32' LT | 1 |
| JOLIET RD | 173+88.00 | 33' LT | 1 |
| JOLIET RD | 173+87.00 | 25' RT | 1 |
| JOLIET RD | 175+05.00 | 33' LT | 1 |
| JOLIET RD | 175+06.00 | 25' RT | 1 |
| JOLIET RD | 175+32.00 | 37' RT | 1 |
| JOLIET RD | 177+07.00 | 32' LT | 1 |
| JOLIET RD | 177+07.00 | 25' RT | 1 |
| JOLIET RD | 179+15.00 | 25' RT | 1 |
| JOLIET RD | 179+13.00 | 32' LT | 1 |
| BRAINARD AVE | 50+23.00 | 15' RT | 1 |
| BRAINARD AVE | 50+25.00 | 17' LT | 1 |
| BRAINARD AVE | 50+28.00 | 28' LT | 1 |
| BRAINARD AVE | 51+80.00 | 16' RT | 1 |
| BRAINARD AVE | 51+80.00 | 17' LT | 1 |
| BRAINARD AVE | 52+80.00 | 35' LT | 1 |
| | | **TOTAL:** | 16 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 28001100 | TEMPORARY EROSION CONTROL BLANKET | | | SQ YD |
| **LOCATION** | **FROM STA.** | **TO STA.** | **AREA (SQ FT)** | **QUANTITY** |
| JOLIET RD. | 174+60.00 | 175+34.00 | 515.17 | 57 |
| BRAINARD AVE. | 48+10.00 | 50+61.00 | 3501.19 | 389 |
| BRAINARD AVE. | 50+86.00 | 52+69.00 | 1372.43 | 152 |
| BRAINARD AVE. | 52+75.00 | 52+85.00 | 202.62 | 23 |
| | | | **TOTAL:** | 621 |

# SCHEDULE OF QUANTITIES

| CODE # | PAY ITEM | | UNIT |
|---|---|---|---|
| X2800500 | INLET PROTECTION SPECIAL | | EACH |
| **LOCATION** | **FROM STA.** | **OFFSET** | **QUANTITY** |
| JOLIET RD. | 178+93.00 | 62' LT | 1 |
| BRAINARD AVE | 51+18.00 | 26' LT | 1 |
| | | **TOTAL:** | 2 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 70107025 | CHANGEABLE MESSAGE SIGN | | | CAL DA |
| **LOCATION** | **NUMBER OF SIGNS** | **DURATION CAL DA** | **STAGES** | **QUANTITY** |
| JOLIET RD | 2 | 14 | 4 | 112 |
| BRAINARD AVE | 2 | 14 | 2 | 56 |
| ADDITIONAL | 2 | 14 | 1 | 28 |
| | | | **TOTAL:** | 196 |

| CODE # | PAY ITEM | | | | UNIT |
|---|---|---|---|---|---|
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | | | | SQ FT |
| **STAGE 1** | | | | | |
| **LOCATION** | **DIRECTION** | **FROM STA.** | **TO STA.** | **LINE TYPE** | **QUANTITY** |
| JOLIET RD | WB | 177+00 | | RT ARROW | 15.2 |
| JOLIET RD | WB | 177+20.00 | | ONLY | 21.4 |
| **STAGE 1** | | | | | |
| JOLIET RD | WB | 176+43.00 | 176+43.00 | STOP BAR | 38.0 |
| JOLIET RD | WB | 176+43.00 | 176+52.00 | STOP BAR | 28.0 |
| **STAGE 1** | | | | | |
| JOLIET RD | WB | 176+75.00 | 182+96.00 | WHITE SOLID | 207.0 |
| BRAINARD AVE | NB | 47+54.00 | 50+46.00 | WHITE SOLID | 97.3 |
| BRAINARD AVE | NB | 48+46.00 | 50+46.00 | DOUBLE YELLOW CL | 133.3 |
| **STAGE 2** | | | | | |
| BRAINARD AVE | NB | 48+68.00 | 50+35.00 | DOUBLE YELLOW CL | 111.3 |
| BRAINARD AVE | NB | 51+06.00 | 52+56.00 | DOUBLE YELLOW CL | 100.0 |
| BRAINARD AVE | NB | 53+29.00 | 53+79.00 | DOUBLE YELLOW CL | 33.3 |
| BRAINARD AVE | NB | 48+68.00 | 50+35.00 | WHITE SOLID | 72.3 |
| BRAINARD AVE | NB | 51+06.00 | 52+56.00 | WHITE SOLID | 83.3 |
| BRAINARD AVE | NB | 53+29.00 | 54+65.00 | WHITE SOLID | 62.0 |
| JOLIET RD | WB | 173+98.00 | 175+22.00 | WHITE SOLID | 73.0 |
| JOLIET RD | WB | 176+21.00 | 177+68.00 | WHITE SOLID | 49.0 |
| JOLIET RD | WB | 176+21.00 | 177+68.00 | WHITE SOLID | 49.0 |
| JOLIET RD | WB | 177+53.00 | 179+14.00 | WHITE SOLID | 70.3 |
| JOLIET RD | WB | 179+76.00 | 181+71.00 | WHITE SOLID | 81.7 |
| **STAGE 2** | | | | | |
| JOLIET RD | WB | 176+53.00 | 176+53.00 | STOP BAR | 64.0 |
| JOLIET RD | WB | 176+53.00 | 176+63.00 | STOP BAR | 38.0 |
| JOLIET RD | SB | 48+68.00 | 48+68.00 | STOP BAR | 22.0 |
| | | | | **TOTAL:** | 1450 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 70307100 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE | | | SQ FT |
| **LOCATION** | **STATION** | **AREA (SQ. FT)** | **NUMBER** | **QUANTITY** |
| JOLIET RD | 177+00 | 15.2 | 1 | 15.2 |
| JOLIET RD | 17720 | 21.4 | 1 | 21.4 |
| | | APPLICATION FACTOR | | 3.0 |
| | | | **TOTAL:** | 110 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 70307120 | TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE | | | FOOT |
| **FROM STA.** | **TO STA.** | **OFFSET** | **LINE TYPE** | **QUANTITY** |
| 176+75.00 | 182+82.00 | LT | WHITE SOLID | 607 |
| 47+54.00 | 50+46.00 | RT | WHITE SOLID | 292 |
| 48+46.00 | 50+46.00 | LT | DOUBLE YELLOW CL | 400 |
| 48+68.00 | 50+35.00 | RT | DOUBLE YELLOW CL | 334 |
| 51+06.00 | 52+56.00 | RT | DOUBLE YELLOW CL | 300 |
| 53+29.00 | 53+79.00 | RT | DOUBLE YELLOW CL | 100 |
| 48+68.00 | 50+35.00 | RT | WHITE SOLID | 217 |
| 51+06.00 | 52+56.00 | RT | WHITE SOLID | 250 |
| 53+29.00 | 54+65.00 | RT | WHITE SOLID | 186 |
| 173+50.00 | 175+22.00 | LT | WHITE SOLID | 267 |
| 176+21.00 | 177+68.00 | LT | WHITE SOLID | 147 |
| 176+21.00 | 177+68.00 | LT | WHITE SOLID | 147 |
| 177+53.00 | 179+14.00 | LT | WHITE SOLID | 211 |
| 179+76.00 | 181+71.00 | LT | WHITE SOLID | 245 |
| | | APPLICATION FACTOR | | 3.0 |
| | | | **TOTAL:** | 11109 |

| CODE # | PAY ITEM | | UNIT |
|---|---|---|---|
| 70307210 | TEMPORARY PAVEMENT MARKING - LINE 24" TYPE IV TAPE | | FOOT |
| **FROM STA.** | **TO STA.** | **OFFSET** | **QUANTITY** |
| 176+43.00 | 176+43.00 | LT | 19 |
| 176+43.00 | 176+52.00 | LT | 14 |
| 176+53.00 | 176+53.00 | LT | 32 |
| 176+53.00 | 176+63.00 | LT | 19 |
| 48+68.00 | 48+68.00 | LT/RT | 11 |
| | APPLICATION FACTOR | | 3.0 |
| | | **TOTAL:** | 285 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| 78300202 | PAVEMENT MARKING REMOVAL - WATER BLASTING | | | SQ FT |
| **FROM STA.** | **TO STA.** | **OFFSET** | **LINE TYPE** | **QUANTITY** |
| 178+00.00 | 182+96.00 | LT | 10'-30' SKIP | 41 |
| 48+47.00 | 51+46.00 | CL | DBL CL | 199 |
| 176+22.00 | 176+22.00 | LT | STOPBAR | 60 |
| 176+22.00 | 176+76.00 | LT | 10'-30' SKIP | 5 |
| 177+67.00 | 178+00.00 | LT | 10'-30' SKIP | 3 |
| 51+46.00 | 53+79.00 | CL | DBL CL | 155 |
| | | | **TOTAL:** | 464 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| A2005616 | TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND | | | SQ YD |
| **FROM STA.** | **TO STA.** | **OFFSET** | | **QUANTITY** |
| 177+50.00 | 179+50.00 | RT | | 3 |
| 47+15.00 | 50+00.00 | RT | | 3 |
| | | | | 6 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| K0012970 | PERENNIAL PLANTS, BULB TYPE | | | UNIT |
| **FROM STA.** | **TO STA.** | **OFFSET** | **TYPE** | **QUANTITY** |
| 176+00.00 | 177+00.00 | LT | SIBERIAN SQUILL | 4 |
| 176+00.00 | 177+00.00 | LT | DUTCH MASTER DAFFODILS | 4 |
| 47+00.00 | 50+00.00 | LT | SIBERIAN SQUILL | 10 |
| 47+00.00 | 50+00.00 | LT | DUTCH MASTER DAFFODILS | 10 |
| | | | **TOTAL:** | 28 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| K0013110 | PERENNIAL PLANTS, WOODLAND TYPE, GALLON POT | | | EACH |
| **FROM STA.** | **TO STA.** | **OFFSET** | **TYPE** | **QUANTITY** |
| 176+00.00 | 177+00.00 | RT | VIRGINIA BLUEBELLS | 3 |
| | | | **TOTAL:** | 3 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| X7830050 | RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL | | | EACH |
| LOCATION | **BEGIN STA** | **END STA** | **LENGTH** | **QUANTITY** |
| JOLIET RD | 179+50.00 | 182+96.00 | 346 | 9 |
| BRAINARD AVE | 52+80.00 | 53+79.00 | 99 | 3 |
| | | | **TOTAL:** | 12 |

| CODE # | PAY ITEM | | | UNIT |
|---|---|---|---|---|
| Z0030850 | TEMPORARY INFORMATION SIGNING | | | SQ FT |
| **LOCATION** | **STA** | **SIZE** | **NUMBER OF SIGNS** | **QUANTITY** |
| BRAINARD AVE | N/A | 25.7 | 1 | 26 |
| JOLIET RD | N/A | 25.7 | 1 | 26 |
| JOLIET RD | 179+90.00 | 6.25 | 2 | 13 |
| JOLIET RD | 179+90.00 | 6.25 | 2 | 13 |
| BRAINARD AVE | 50+25.00 | 6.25 | 2 | 13 |
| BRAINARD AVE | N/A | 25.7 | 1 | 26 |
| BRAINARD AVE | 50+25.00 | 6.25 | 2 | 13 |
| BRAINARD AVE | 50+72.00 | 6.25 | 1 | 6 |
| | | | **TOTAL:** | 133 |

MODEL: Schedule of Quantities [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-schedule05.dgn

Accurate GROUP, INC.

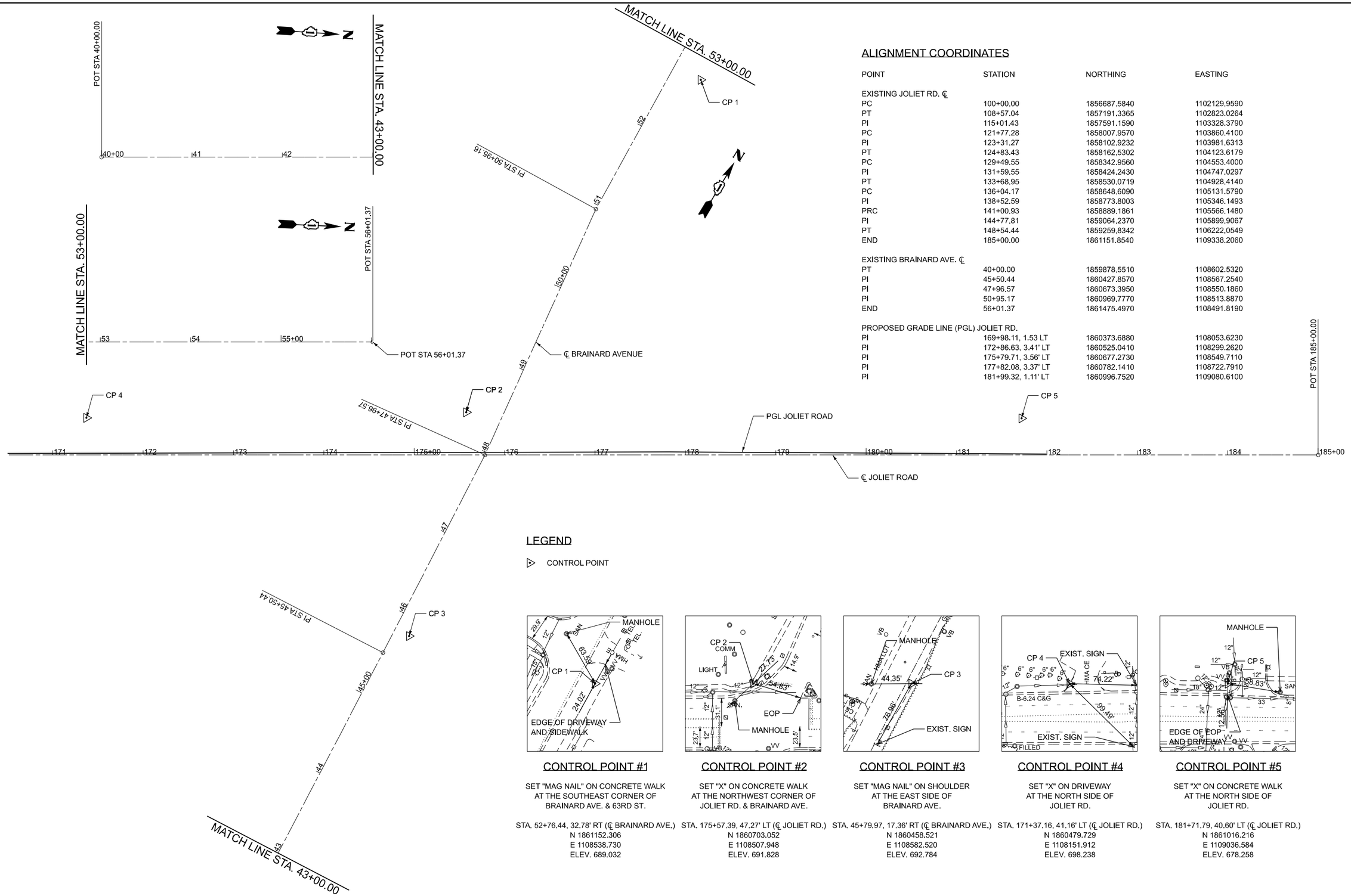
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666468 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: NONE | SHEET 6 OF 6 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 24 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## ALIGNMENT COORDINATES

| POINT | STATION | NORTHING | EASTING |
|---|---|---|---|
| EXISTING JOLIET RD. ℄ | | | |
| PC | 100+00.00 | 1856687.5840 | 1102129.9590 |
| PT | 108+57.04 | 1857191.3365 | 1102823.0264 |
| PI | 115+01.43 | 1857591.1590 | 1103328.3790 |
| PC | 121+77.28 | 1858007.9570 | 1103860.4100 |
| PI | 123+31.27 | 1858102.9232 | 1103981.6313 |
| PT | 124+83.43 | 1858162.5302 | 1104123.6179 |
| PC | 129+49.55 | 1858342.9560 | 1104553.4000 |
| PI | 131+59.55 | 1858424.2430 | 1104747.0297 |
| PT | 133+68.95 | 1858530.0719 | 1104928.4140 |
| PC | 136+04.17 | 1858648.6090 | 1105131.5790 |
| PI | 138+52.59 | 1858773.8003 | 1105346.1493 |
| PRC | 141+00.93 | 1858889.1861 | 1105566.1480 |
| PI | 144+77.81 | 1859064.2370 | 1105899.9067 |
| PT | 148+54.44 | 1859259.8342 | 1106222.0549 |
| END | 185+00.00 | 1861151.8540 | 1109338.2060 |
| EXISTING BRAINARD AVE. ℄ | | | |
| PT | 40+00.00 | 1859878.5510 | 1108602.5320 |
| PI | 45+50.44 | 1860427.8570 | 1108567.2540 |
| PI | 47+96.57 | 1860673.3950 | 1108550.1860 |
| PI | 50+95.17 | 1860969.7770 | 1108513.8870 |
| END | 56+01.37 | 1861475.4970 | 1108491.8190 |
| PROPOSED GRADE LINE (PGL) JOLIET RD. | | | |
| PI | 169+98.11, 1.53 LT | 1860373.6880 | 1108053.6230 |
| PI | 172+86.63, 3.41' LT | 1860525.0410 | 1108299.2620 |
| PI | 175+79.71, 3.56' LT | 1860677.2730 | 1108549.7110 |
| PI | 177+82.08, 3.37' LT | 1860782.1410 | 1108722.7910 |
| PI | 181+99.32, 1.11' LT | 1860996.7520 | 1109080.6100 |

## LEGEND

▷ CONTROL POINT




### CONTROL POINT #1

SET "MAG NAIL" ON CONCRETE WALK
AT THE SOUTHEAST CORNER OF
BRAINARD AVE. & 63RD ST.

STA. 52+76.44, 32.78' RT (℄ BRAINARD AVE.)
N 1861152.306
E 1108538.730
ELEV. 689.032

### CONTROL POINT #2

SET "X" ON CONCRETE WALK
AT THE NORTHWEST CORNER OF
JOLIET RD. & BRAINARD AVE.

STA. 175+57.39, 47.27' LT (℄ JOLIET RD.)
N 1860703.052
E 1108507.948
ELEV. 691.828

### CONTROL POINT #3

SET "MAG NAIL" ON SHOULDER
AT THE EAST SIDE OF
BRAINARD AVE.

STA. 45+79.97, 17.36' RT (℄ BRAINARD AVE.)
N 1860458.521
E 1108582.520
ELEV. 692.784

### CONTROL POINT #4

SET "X" ON DRIVEWAY
AT THE NORTH SIDE OF
JOLIET RD.

STA. 171+37.16, 41.16' LT (℄ JOLIET RD.)
N 1860479.729
E 1108151.912
ELEV. 698.238

### CONTROL POINT #5

SET "X" ON CONCRETE WALK
AT THE NORTH SIDE OF
JOLIET RD.

STA. 181+71.79, 40.60' LT (℄ JOLIET RD.)
N 1861016.216
E 1109036.584
ELEV. 678.258

MODEL: ATB [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ATB.dgn


Michael Baker
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

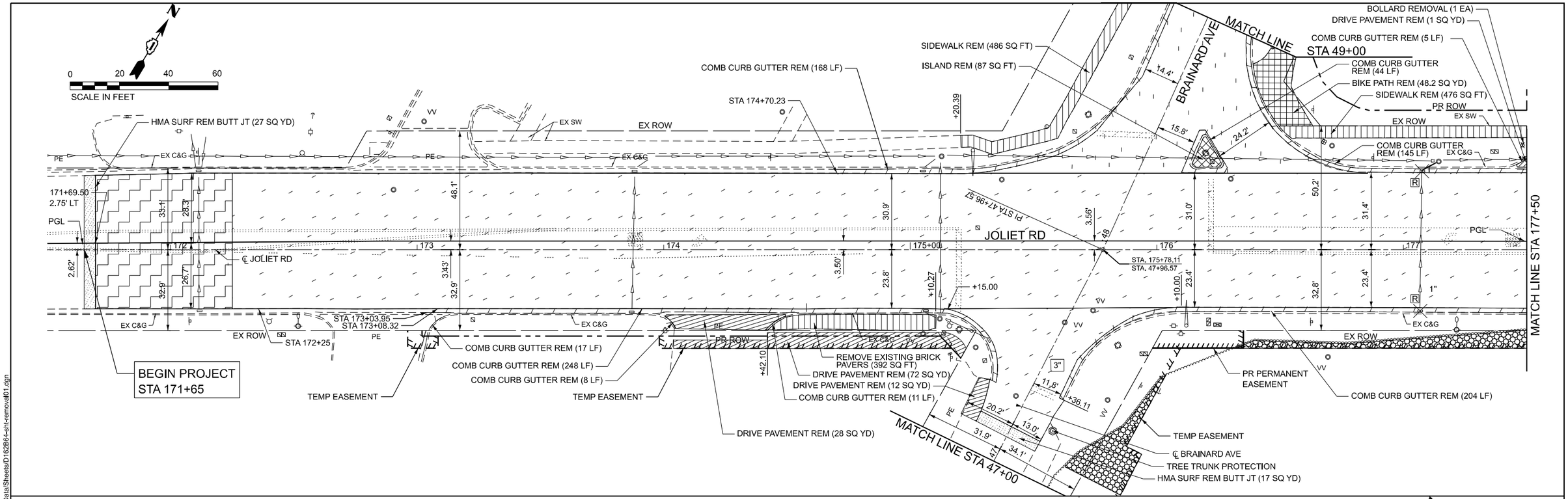

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

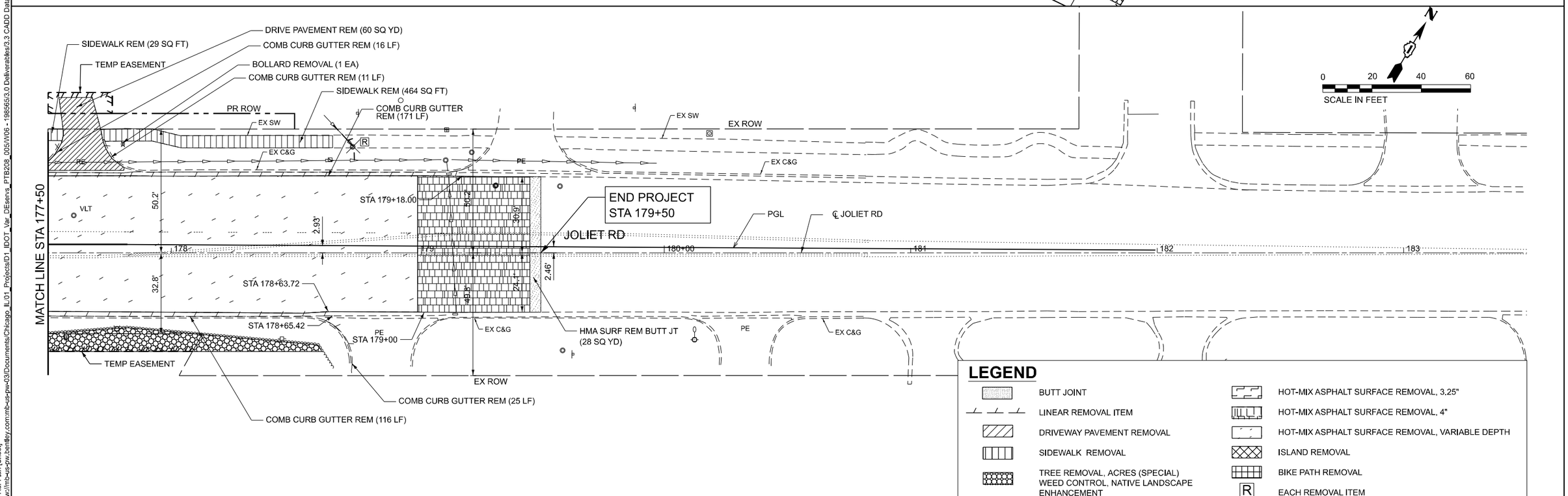
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES, AND BENCHMARKS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 25 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




MODEL: Joliet Rd.-Plan [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-removal01.dgn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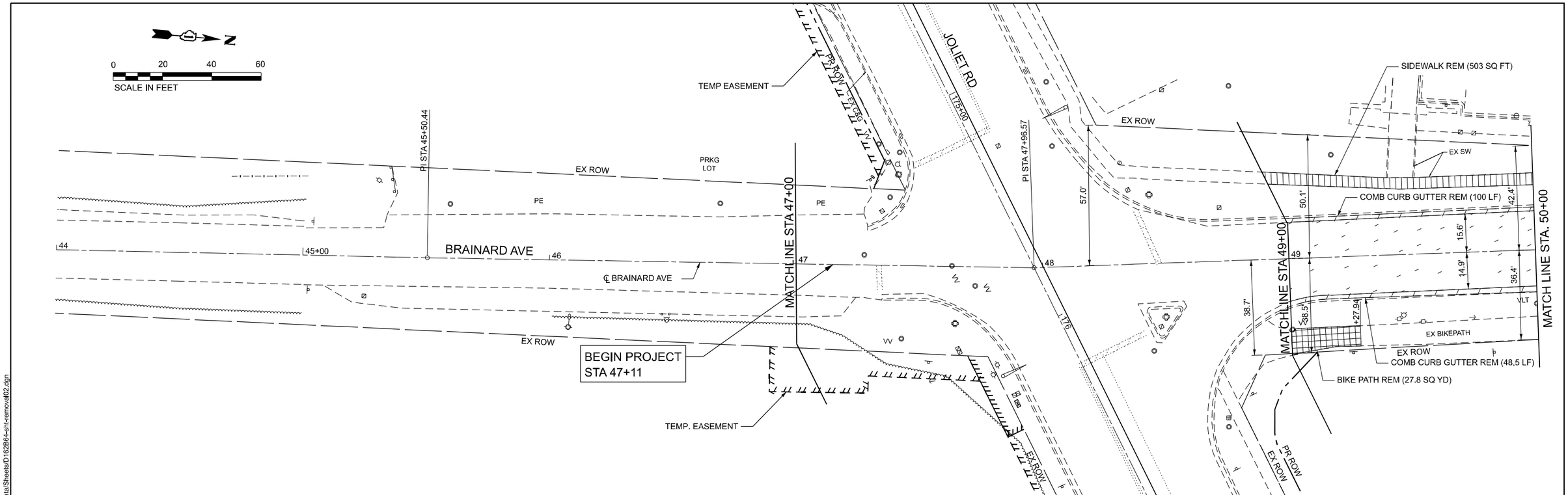
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

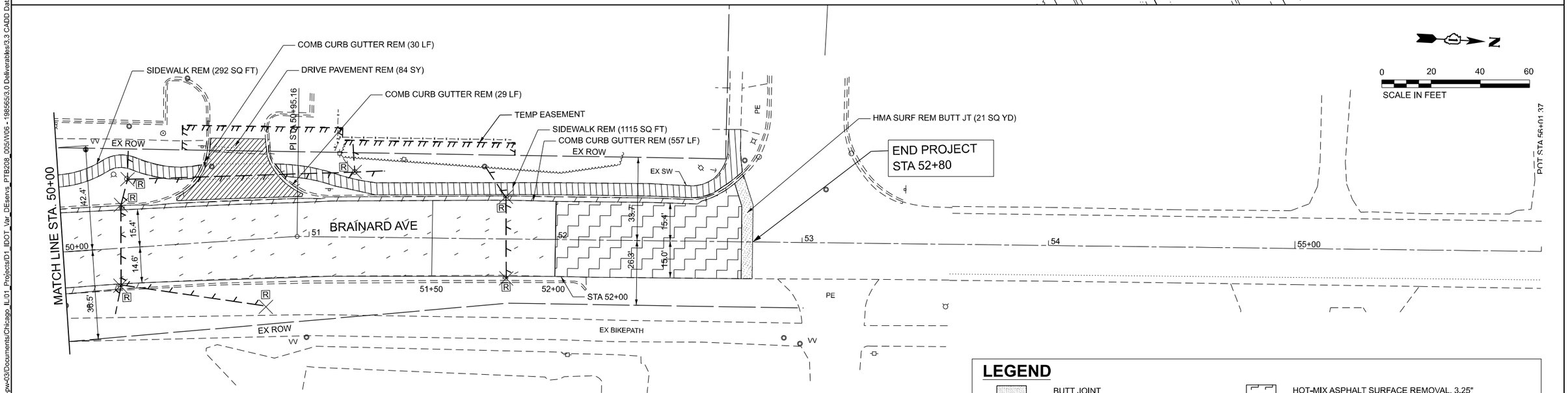
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ROADWAY REMOVAL PLAN**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 171+50.00 TO STA. 183+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 26 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




## LEGEND

- BUTT JOINT
- LINEAR REMOVAL ITEM
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- TREE REMOVAL, ACRES (SPECIAL) WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, 3.25"
- HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ISLAND REMOVAL
- BIKE PATH REMOVAL
- R EACH REMOVAL ITEM

MODEL: Brainard Ave.-Plan 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserv_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-removall02.dgn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**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ROADWAY REMOVAL PLAN**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. 45+00.00 TO STA. 55+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
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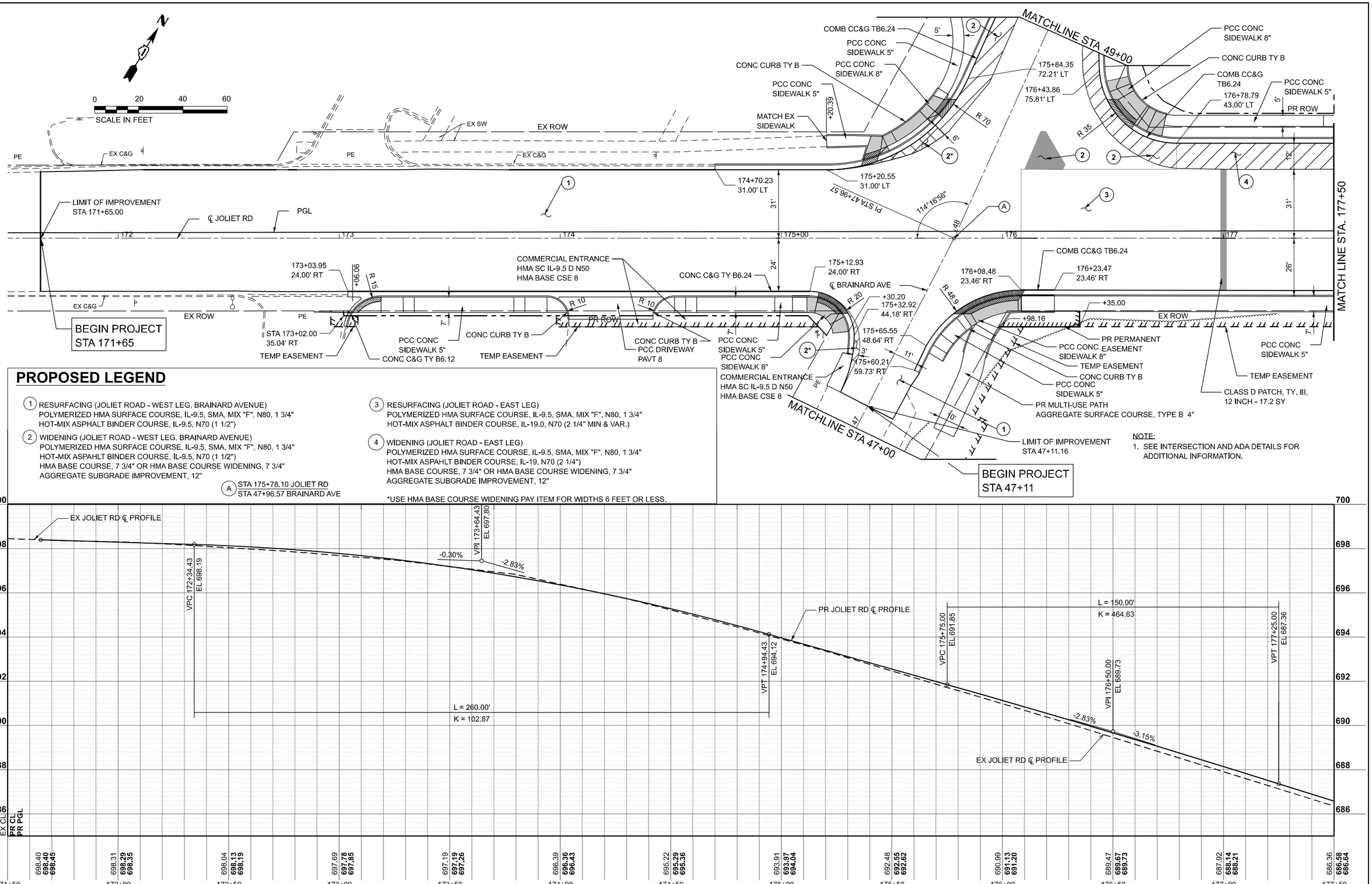


## PROPOSED LEGEND

1. RESURFACING (JOLIET ROAD - WEST LEG, BRAINARD AVENUE)
   POLYMERIZED HMA SURFACE COURSE, IL-9.5, SMA, MIX "F", N80, 1 3/4"
   HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1 1/2")
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   AGGREGATE SUBGRADE IMPROVEMENT, 12"

(A) STA 175+78.10 JOLIET RD
STA 47+96.57 BRAINARD AVE

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*USE HMA BASE COURSE WIDENING PAY ITEM FOR WIDTHS 6 FEET OR LESS.

MODEL: Joliet Rd. - Plan 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-PNP01.dgn


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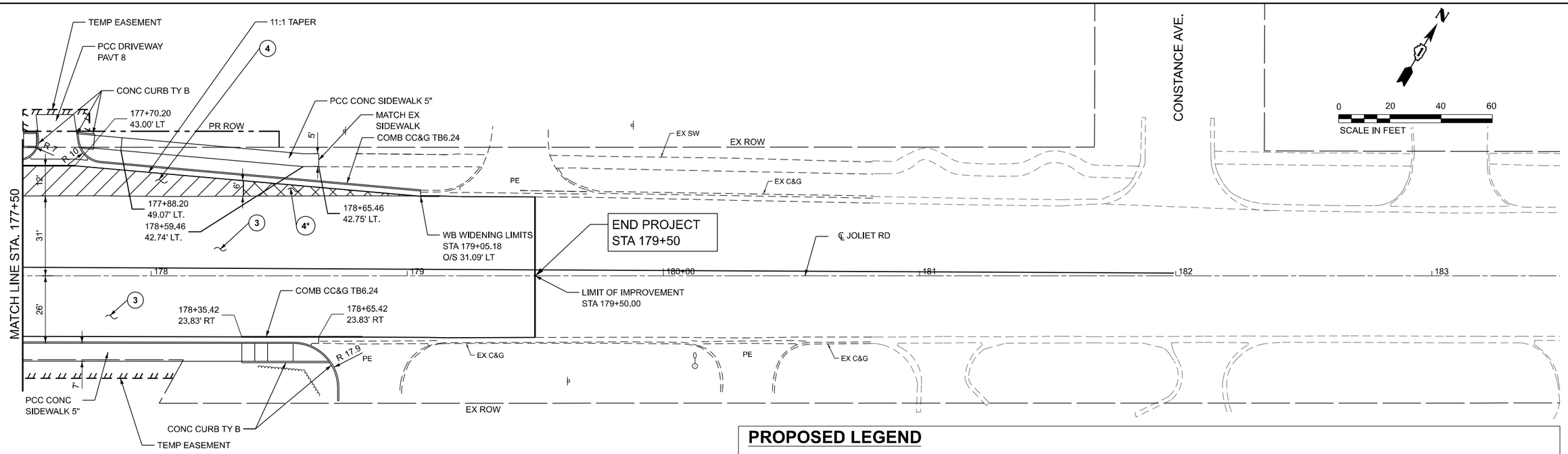
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILE**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 1 OF 4 SHEETS | STA. 171+50.00 TO STA. 177+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 28 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




NOTE:
SEE INTERSECTION AND ADA DETAILS FOR ADDITIONAL INFORMATION

## PROPOSED LEGEND

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STA 47+96.57 BRAINARD AVE

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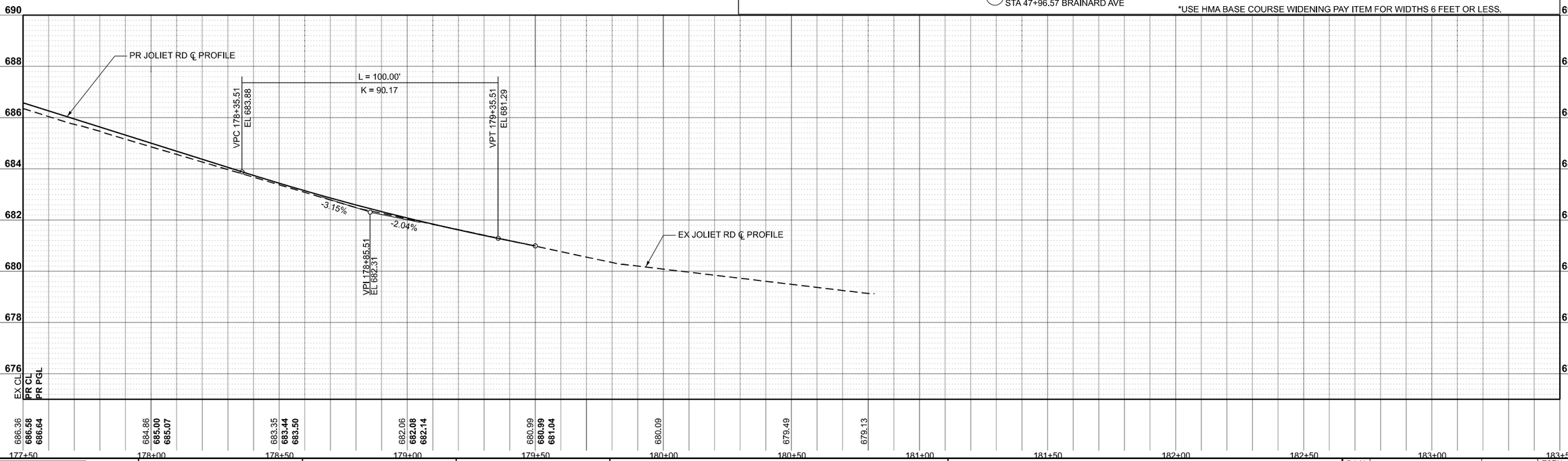


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**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILE**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 2 OF 4 SHEETS | STA. 177+50.00 TO STA. 183+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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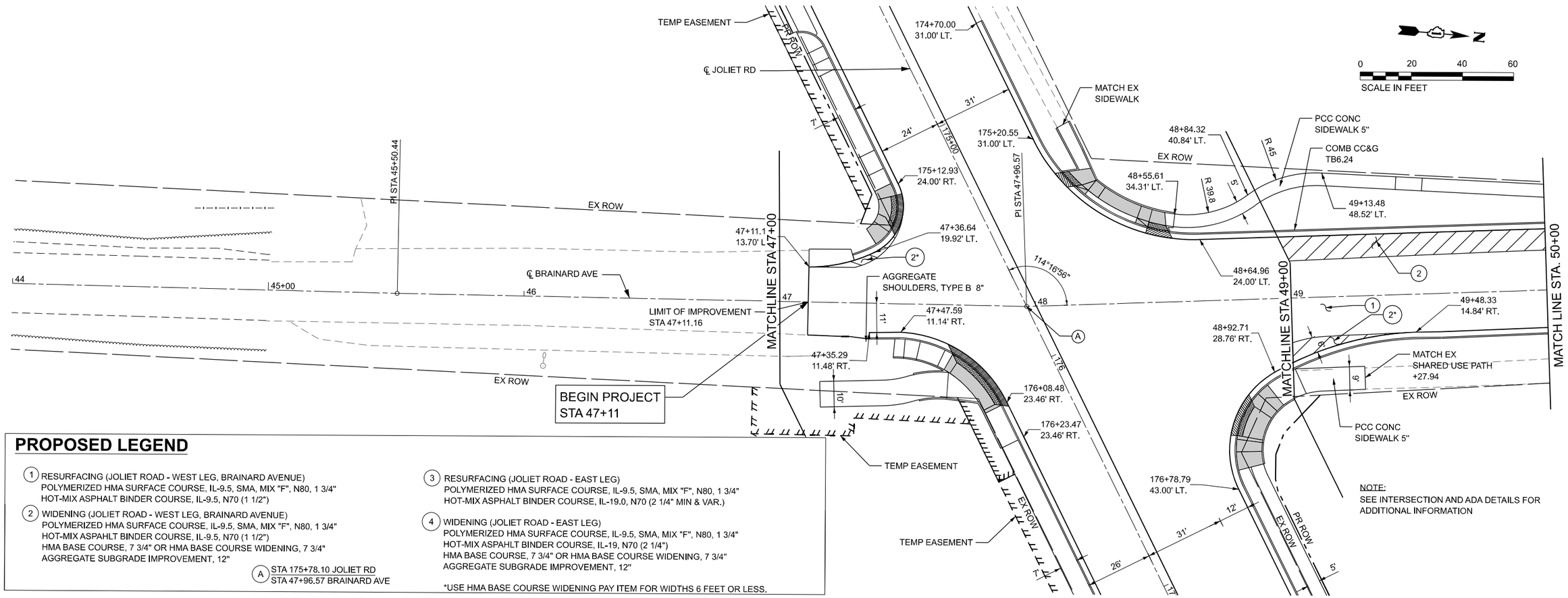
| 3562 | (430Y)N-1 | COOK | 117 | 29 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT

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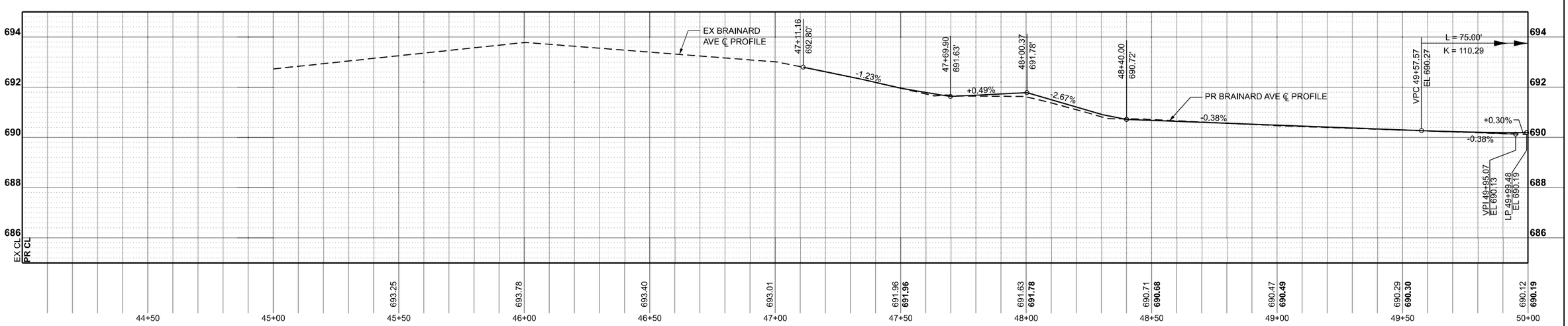


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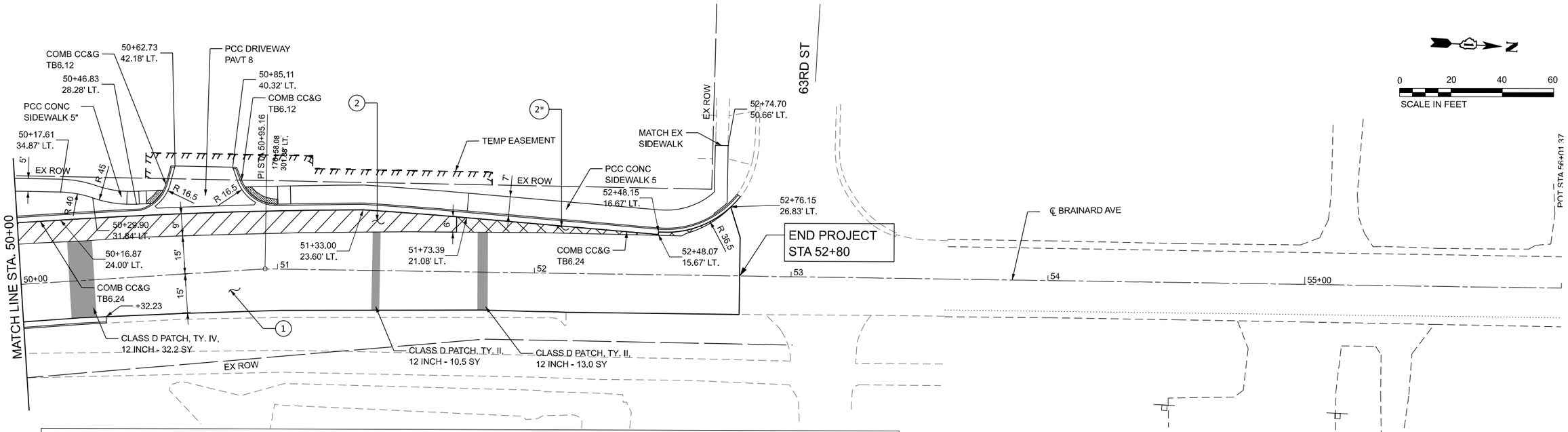
**ROADWAY PLAN AND PROFILE**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 3 OF 4 SHEETS | STA. 44+00.00 TO STA. 50+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 30 |

CONTRACT NO. 62B64

ILLINOIS FED. AID PROJECT

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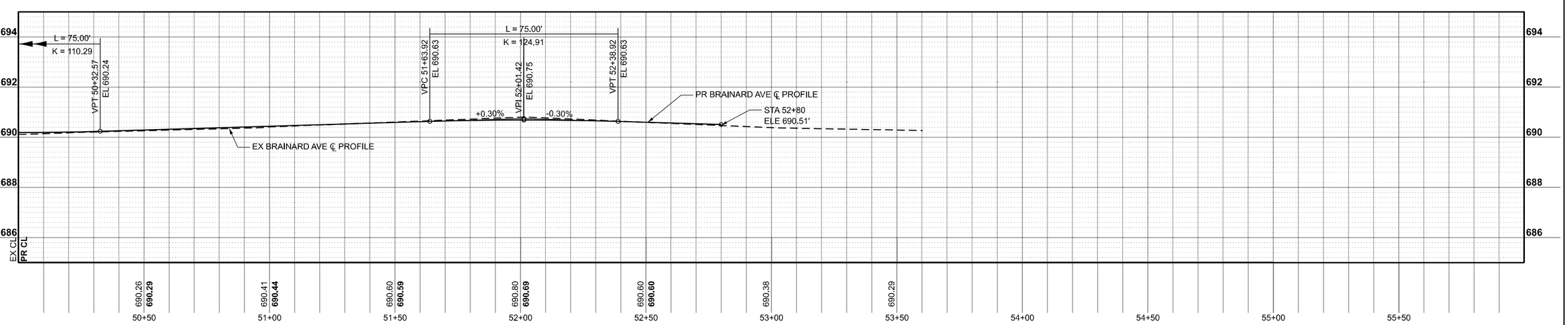


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**STATE OF ILLINOIS**
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**ROADWAY PLAN AND PROFILE**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 4 OF 4 SHEETS | STA. 50+00.00 TO STA. 56+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 31 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT

# GENERAL NOTES

1. THE TRAFFIC CONTROL DEPICTED HEREIN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED IN THE STATE HIGHWAY STANDARDS AS SHOWN ON THE INDEX OF SHEETS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL) UNLESS OTHERWISE INDICATED WITHIN THESE GENERAL NOTES, PLANS OR SPECIAL PROVISIONS.

2. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL PROMPTLY RESPOND AT THE TIME OF NOTIFICATION BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.

3. DRUMS OR TYPE II BARRICADES SHALL BE PROVIDED AS SHOWN IN THE PLANS. THESE TRAFFIC CONTROL DEVICES SHALL BE SPACED 20 FEET CENTER TO CENTER IN TAPERS, 50 FEET CENTER TO CENTER IN TANGENTS, AND 25 FEET CENTER TO CENTER IN RADII IN THE CONSTRUCTION WORK ZONE.

4. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC PLANS, SPECIAL PROVISIONS, APPLICABLE STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER. ANY CHANGES TO THE TRAFFIC CONTROL AND PROTECTION SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTING ANY CHANGES.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING LABOR, SIGNS, AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE TRAFFIC CONTROL AND PROTECTION UNLESS OTHERWISE NOTED IN THE SPECIAL PROVISIONS.

6. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR KALPANA KANNAN-HOSADURGA, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK.

7. VEHICULAR ACCESS TO LOCAL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

8. MAINTAIN BOTH ACCESS POINTS TO CITY OF COUNTRYSIDE MUNICIPAL COMPLEX AT ALL TIMES. ADVANCED NOTICE IS REQUIRED TO THE CITY OF COUNTRYSIDE POLICE DEPARTMENT PRIOR TO BEGINNING WORK AT THE COUNTRYSIDE MUNICIPAL COMPLEX DRIVEWAY. THE DRIVEWAY IS TO BE CONSTRUCTED WHILE MAINTAINING ACCESS AT ALL TIMES.

9. THE CONTRACTOR SHALL COORDINATE WITH PACE REGARDING THE RELOCATION OF BUS STOPS PRIOR TO BEGINNING WORK.

10. DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS ALONG COOK COUNTY HIGHWAYS, TWO-WAY TRAFFIC SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00 AM TO 3:00 PM FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.

11. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

12. ALL EXISTING LANE LINE PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED VIA WATER BLASTING WITH VACUUM RECOVERY IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS. THE EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT WERE REMOVED SHALL BE RESTORED IN KIND AFTER THE COMPLETION OF THE STAGING.

13. TEMPORARY INFORMATION SIGNS ON TEMPORARY SUPPORTS SHALL BE PROVIDED FOR ALL COMMERCIAL DRIVEWAYS THAT ARE LOCATED WITHIN A WORK AREA. THIS WORK SHALL BE PAID FOR PER DISTRICT 1 DETAIL TC-26. THESE SIGNS SHALL BE RELOCATED AS REQUIRED FOR EACH CONSTRUCTION STAGE AND SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THIS SIGN RELOCATION WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR TEMPORARY INFORMATION SIGNING.

14. THE CONTRACTOR SHALL PLACE ONE PCMS AT EACH END OF THE PROJECT ALONG BRAINARD RD AND JOLIET RD AT LOCATIONS DESIGNATED BY THE ENGINEER TO INFORM MOTORISTS OF THE UPCOMING ROAD WORK A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE ROAD WORK AND ANY SUBSEQUENT STAGE CHANGES. THE MESSAGE SHALL BE APPROVED BY THE ENGINEER. THE WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY FOR CHANGEABLE MESSAGE SIGNS.

15. DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN OR EQUAL TO 24" WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

16. IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG COOK COUNTY ROADWAYS IS DAMAGED DUE TO CONSTRUCTION OF PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES, PAVEMENT MARKING, AND SIGNAGE INCLUDED IN THE PLANS.

# SUGGESTED SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC

THE FOLLOWING SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC IS SUGGESTED. VARIATIONS MAY BE MADE WITH THE APPROVAL OF THE ENGINEER. FOR EACH STAGE OF CONSTRUCTION, PROVIDE TRAFFIC CONTROL AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS. COORDINATE INSTALLATION OF TRAFFIC CONTROL DEVICES WITH THE EXISTING TRAFFIC PATTERNS AT THE ENDS OF THE PROJECT ALONG JOLIET ROAD, BRAINARD AVENUE AND IMPACTED CROSS STREETS. THE IMPROVEMENTS WILL BE CONSTRUCTED USING LANE CLOSURES AND LANE SHIFT TAPERS PER DISTRICT ONE STANDARDS TC-10, TC-11, TC-13, TC-14, TC-22, TC-26 AND STATE HIGHWAY STANDARDS 701301, 701311, 701602, 701606, 701701 AND 701901. ACCESS TO DRIVEWAYS MUST BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

## PRE-STAGE

1. UTILIZE HIGHWAY STANDARD 701701 TO REMOVE THE EXISTING ISLAND AT THE NORTHWEST CORNER OF JOLIET RD AND BRAINARD AVE INTERSECTION AND PATCH THE ROADWAY PAVEMENT AS SHOWN IN THE ROADWAY PLANS. INSTALL TEMPORARY TRAFFIC SIGNALS AS SHOWN IN TRAFFIC SIGNAL PLANS.

## STAGE 1

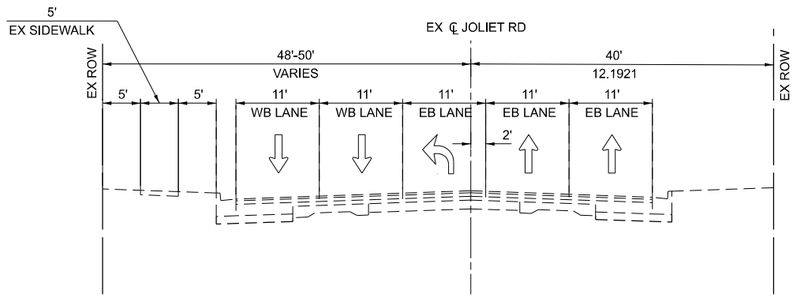
1. UTILIZE IDOT HIGHWAY STANDARD 701606 AND 701701 TO SET UP TRAFFIC CONTROL DEVICES AND ADVANCE SIGNS AS DESCRIBED IN THE FOLLOWING STEPS, AND AS SHOWN IN THE PLANS.
2. CLOSE THE WESTBOUND OUTSIDE LANE ALONG JOLIET ROAD TO TRAFFIC AS SHOWN ON THE PLANS.
3. SHIFT THE NORTHBOUND AND SOUTHBOUND TRAFFIC ON THE NORTHSIDE OF BRAINARD 4' TO THE WEST TO PROVIDE 8'-0'' OF BUFFER FROM WORK ZONE ON NE CORNER OF THE INTERSECTION. MAINTAIN A MINIMUM OF 11' LANE WIDTH ALONG THE ENTIRE LENGTH OF THE SHIFT.
4. CONSTRUCT WESTBOUND RIGHT TURN LANE ALONG THE EAST LEG OF JOLIET RD. THE ASSOCIATED WORK INCLUDES PAVEMENT WIDENING, DRAINAGE STRUCTURES AND STORM SEWER INSTALLATION, DRIVEWAY, SIDEWALK AND CURB AND GUTTER CONSTRUCTION.

## STAGE 2

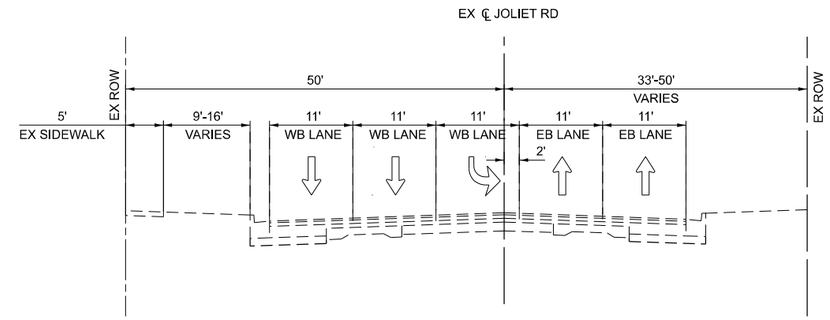
1. UTILIZE IDOT HIGHWAY STANDARD 701606 AND 701701 TO SET UP TRAFFIC CONTROL DEVICES DESCRIBED IN THE FOLLOWING STEPS, AND AS SHOWN ON THE PLANS.
2. CLOSE THE WESTBOUND OUTSIDE LANE ALONG JOLIET ROAD TO TRAFFIC AS INDICATED IN MOT STAGE 2 PLANS. SET UP TRAFFIC CONTROL DEVICES AS PER PLANS AND AS PER DISTRICT 1 STANDARD DETAIL TC-14 TO KEEP ACCESS TO THE WESTBOUND RIGHT TURN LANE ON JOLIET ROAD TO BRAINARD AVE.
3. SHIFT THE NORTHBOUND AND SOUTHBOUND TRAFFIC ON THE NORTHSIDE OF BRAINARD 4' TO THE EAST. MAINTAIN A MINIMUM OF 11' LANE WIDTH ALONG THE ENTIRE LENGTH OF THE SHIFT.
4. CONSTRUCT SOUTHBOUND RIGHT TURN LANE ALONG THE NORTH LEG OF BRAINARD AVENUE, THE ASSOCIATED WORK INCLUDES PAVEMENT WIDENING, DRAINAGE STRUCTURES AND STORM SEWER INSTALLATION, DRIVEWAY REMOVAL AND RECONSTRUCTION, SIDEWALK AND CURB AND GUTTER CONSTRUCTION.

## STAGE 3

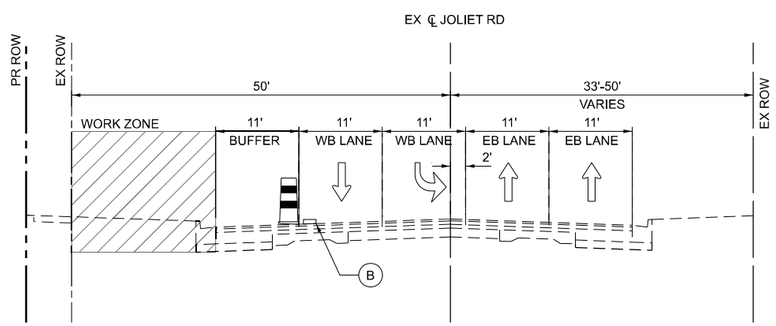
1. UTILIZE IDOT HIGHWAY STANDARD 701501 AND 701701 TO INSTALL THE STORM SEWER ACROSS BRAINARD AVE.
2. UTILIZE IDOT HIGHWAY STANDARD 701611, DAILY LANE CLOSURES, NON-PEAK HOURS ONLY TO CONSTRUCT SIDEWALK AND CURB AND GUTTER ON THE SOUTH SIDE OF JOLIET RD, INSTALL THE STORM SEWER ACROSS JOLIET RD.
3. MAINTAIN EXISTING STORM SEWER ACROSS JOLIET RD UNTIL NEW STORM SEWER IS INSTALLED AND OPERATES AND FILL IT WITH CLSM TO ABANDON THE EXISTING STORM SEWER.
4. INSTALL PERMANENT TRAFFIC SIGNALS.
5. UTILIZE APPROPRIATE HIGHWAY STANDARD AND RESURFACE AND RESTORE THE ROADWAY AS SHOWN ON ROADWAY AND PAVEMENT MARKING PLANS.
6. RESTORE THE DISTURBED AREA AS SHOWN IN THE LANDSCAPING PLANS.
7. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND TRAFFIC CONTROL DEVICES.



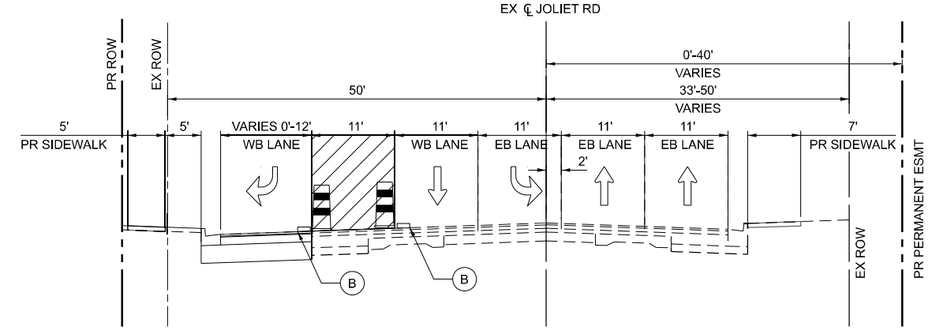

**EXISTING TYPICAL SECTION**
**JOLIET ROAD – WEST LEG**
**STA 171+65 TO 175+78**
(LOOKING EAST)




**EXISTING TYPICAL SECTION**
**JOLIET ROAD – EAST LEG**
**STA 175+78 TO 179+50**
(LOOKING EAST)




**STAGE 1 TYPICAL SECTION**
**JOLIET ROAD – EAST LEG**
**STA 175+78 TO 179+50**




**STAGE 2 TYPICAL SECTION**
**JOLIET ROAD – EAST LEG**
**STA 175+78 TO 179+50**

## LEGEND

- WORK AREA
- DRUMS OR TYPE II BARRICADES
- DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKINGS,
TYPE IV TAPE, OF THICKNESS AND COLOR:

- (A) 4 INCH, DOUBLE YELLOW
- (B) 4 INCH, SOLID WHITE

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago, IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-MOT-typsec01.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MA | REVISED - | |
| | DRAWN - MA | REVISED - | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 03/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

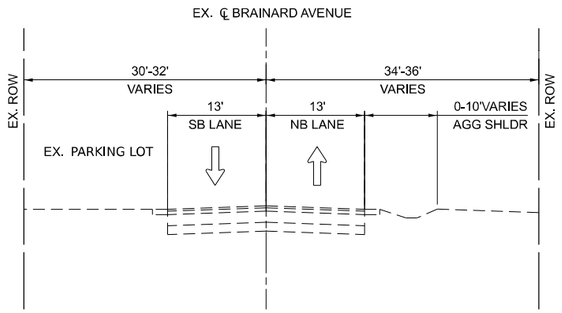
**MOT TYPICAL SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=10' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

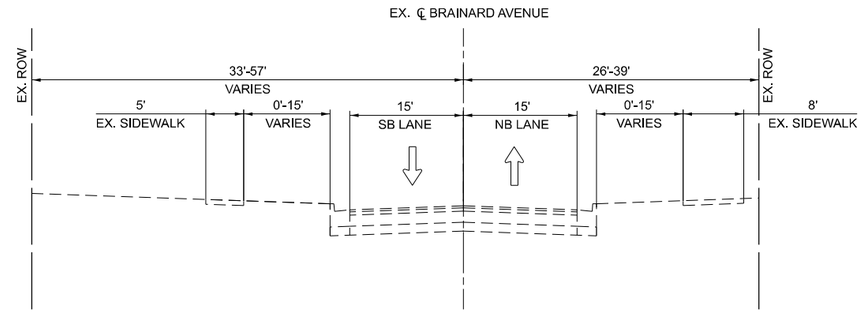
| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 34 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




## EXISTING TYPICAL SECTION
## BRAINARD AVENUE – SOUTH LEG

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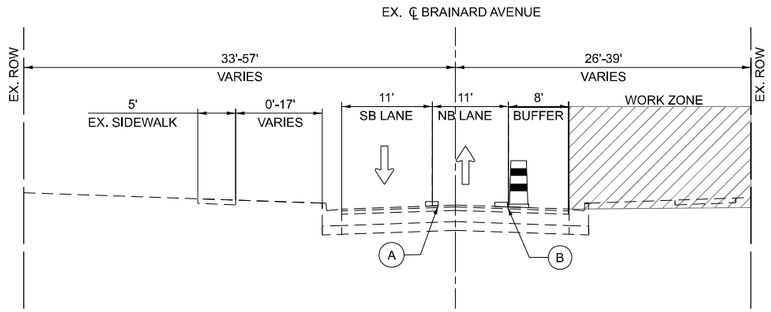
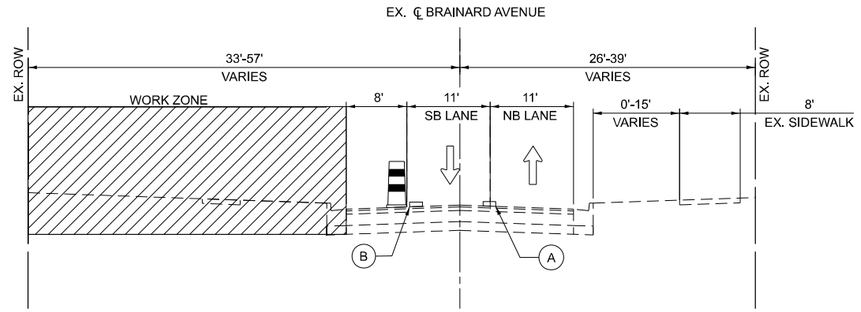



## STAGE 1 TYPICAL SECTION
## BRAINARD AVENUE – NORTH LEG




## STAGE 2 TYPICAL SECTION
## BRAINARD AVENUE – NORTH LEG

## LEGEND

WORK AREA

DRUMS OR TYPE II BARRICADES

DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKINGS,
TYPE IV TAPE, OF THICKNESS AND COLOR:

(A) 4 INCH, DOUBLE YELLOW

(B) 4 INCH, SOLID WHITE

MODEL: Unnamed Plan - Plan 1 [Sheet]
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Accurate GROUP, INC.

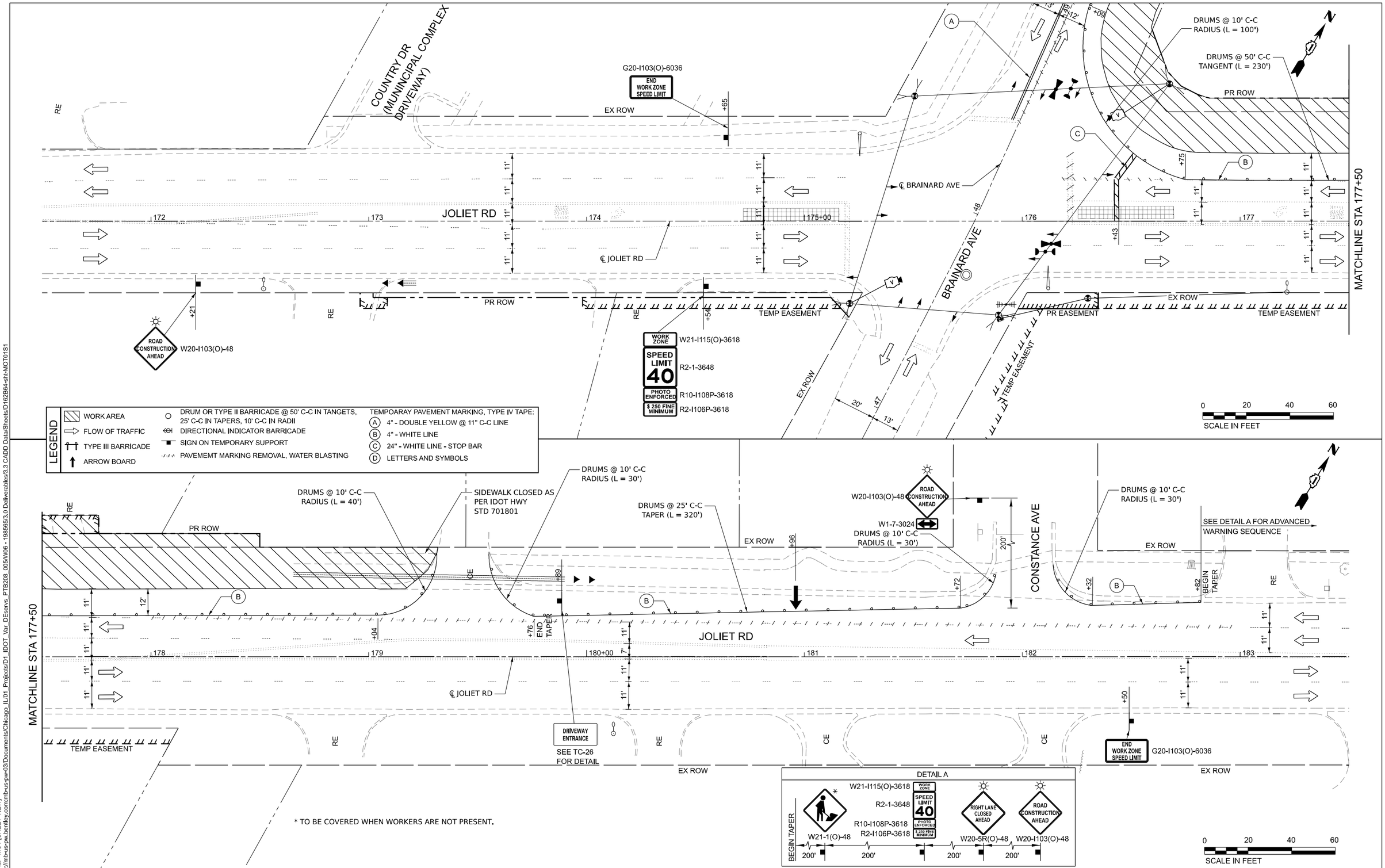
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JP | REVISED - | |
| | DRAWN - MA | REVISED - | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 03/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MOT TYPICAL SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=10' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 35 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |




MODEL: Joliet Rd. - MOT [SHEET VIEW]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-MOT01S1

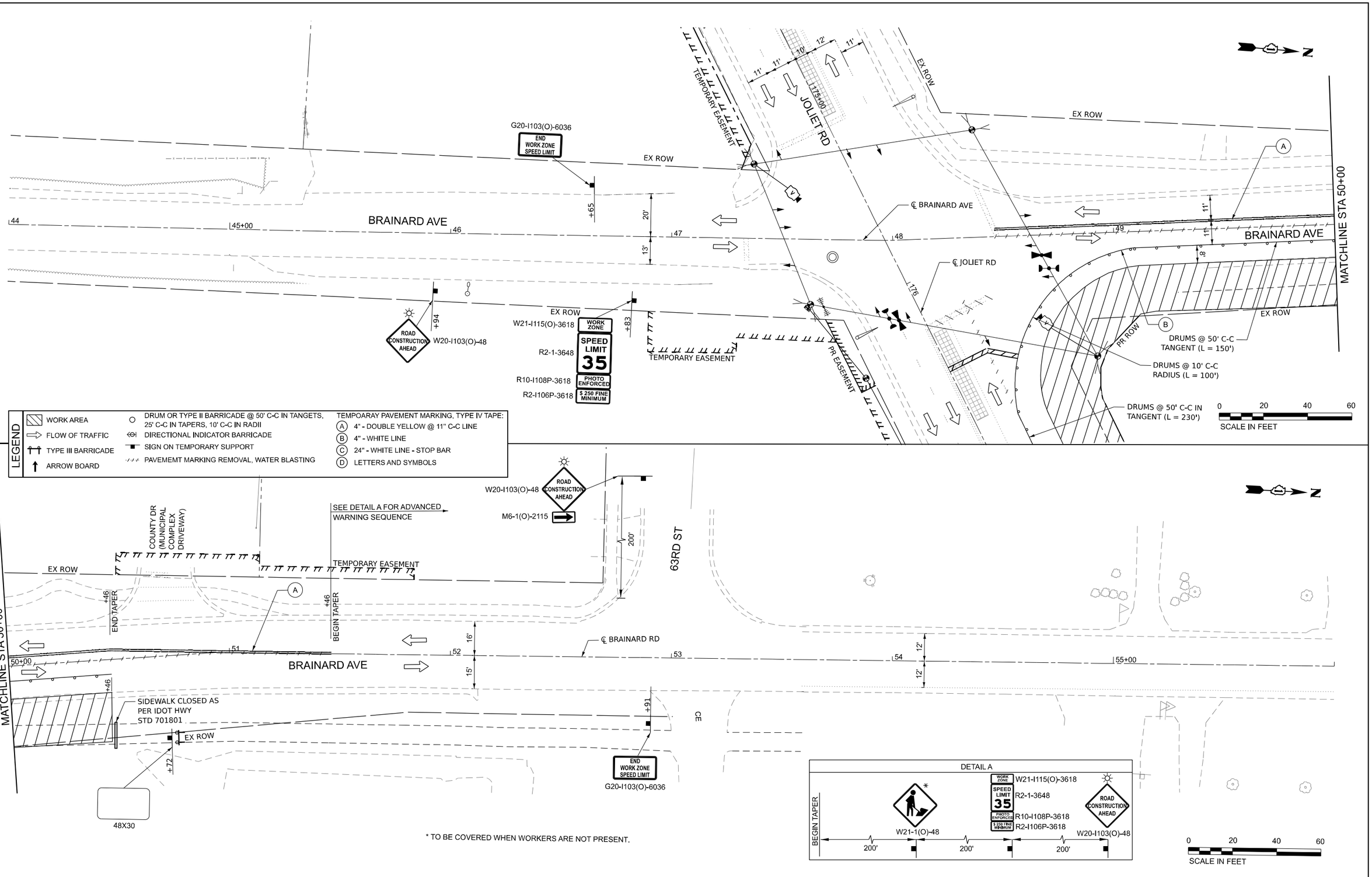
| | | | |
|---|---|---|---|
| Accurate GROUP, INC. | USER NAME = Connor.Liss | DESIGNED - JP | REVISED - |
| | | DRAWN - JP | REVISED - |
| | PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - |
| | PLOT DATE = 6/25/2025 | DATE - 02/12/2024 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MOT PLANS - STAGE 1-1**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 171+50.00 TO STA. 183+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 36 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS FED. AID PROJECT | | |




* TO BE COVERED WHEN WORKERS ARE NOT PRESENT.

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Accurate GROUP, INC.

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**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

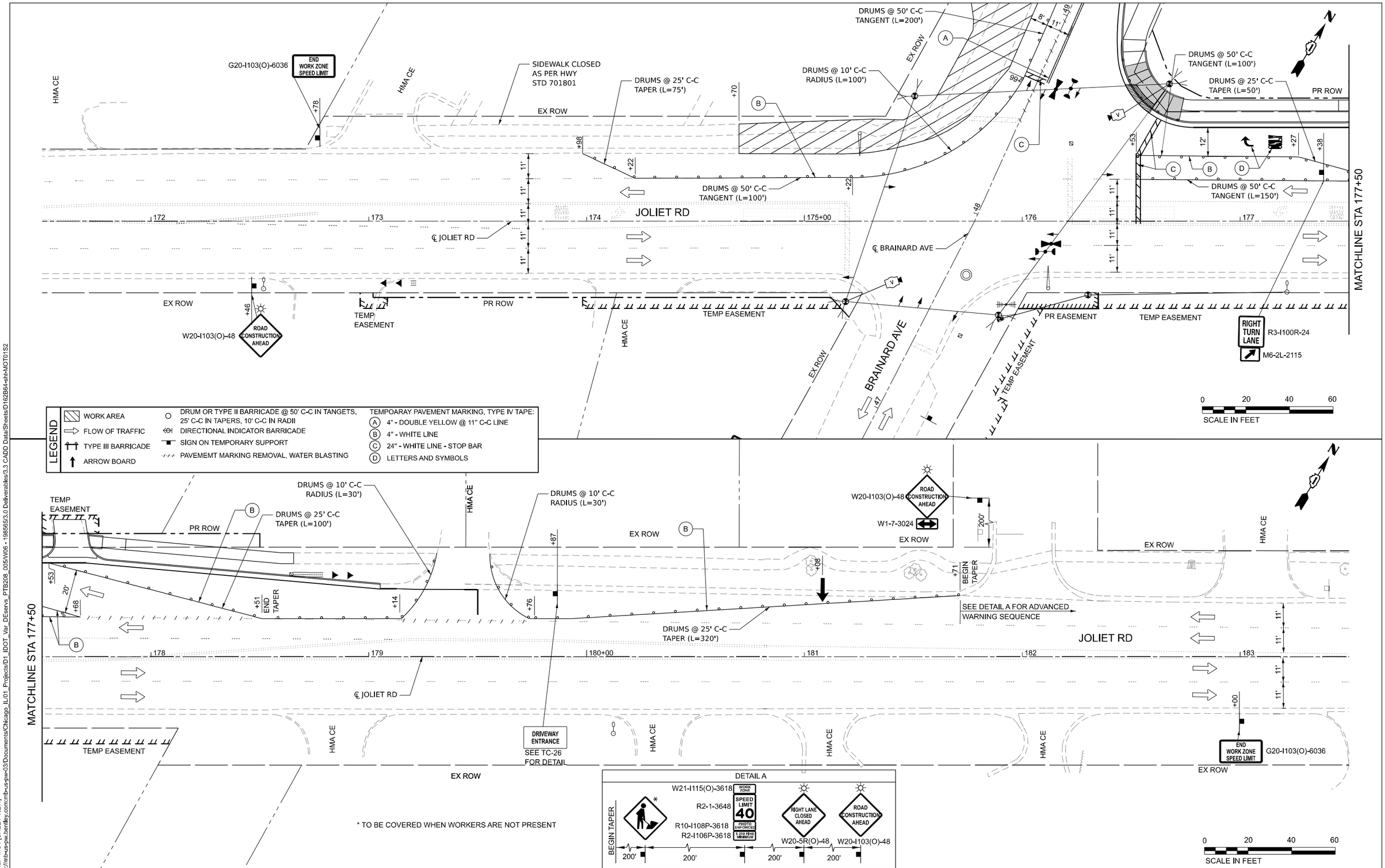
**MOT PLANS - STAGE 1**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. 44+00.00 TO STA. 56+00.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 37 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




MODEL: Joliet Rd. - MOT [SHEET VIEW]
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Accurate GROUP, INC.

| | | | |
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| USER NAME = Connor.Liss | DESIGNED - JP | REVISED - | |
| | DRAWN - JP | REVISED - | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 02/12/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MOT PLANS - STAGE 2-1**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 171+50.00 TO STA. 183+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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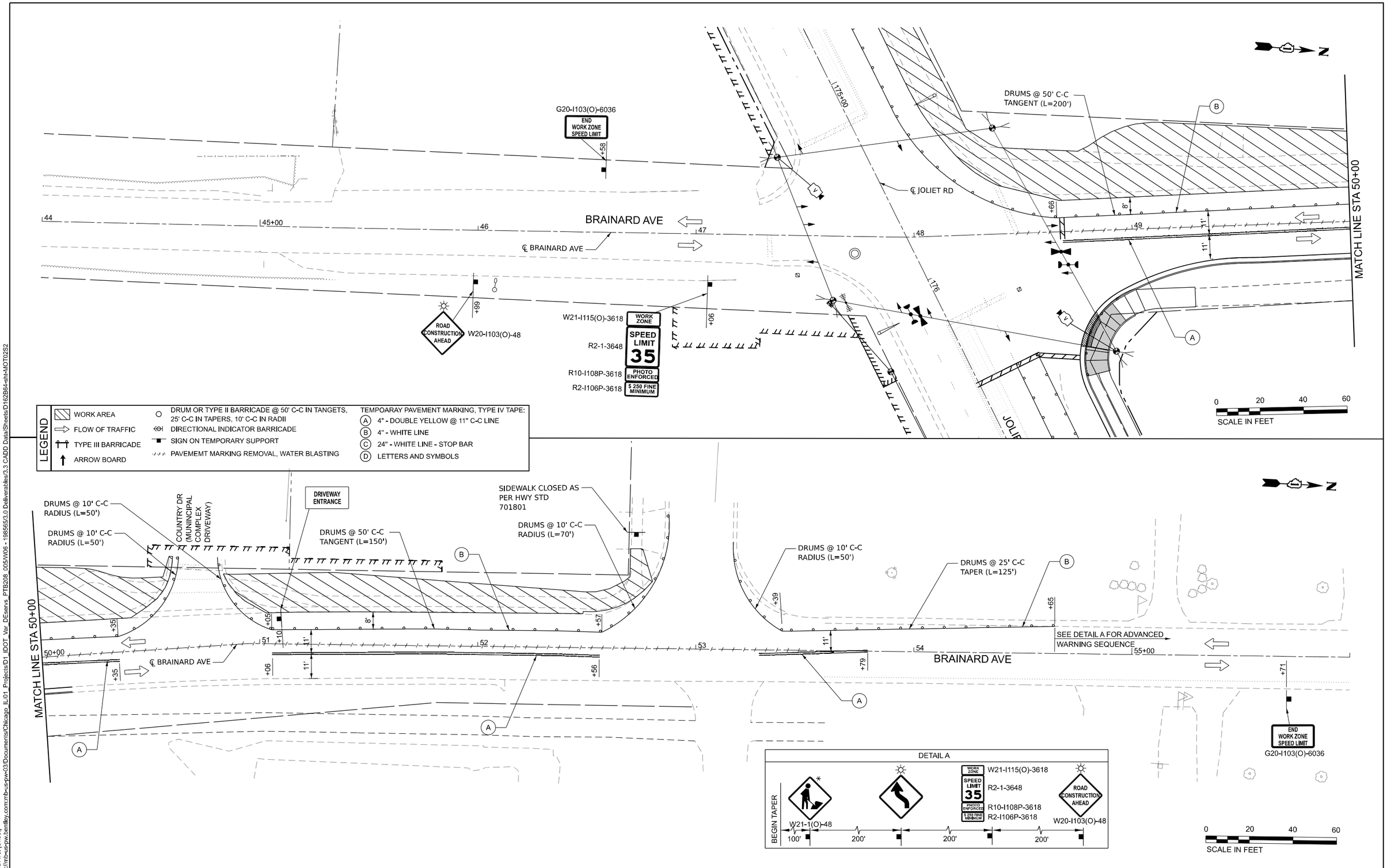
CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT

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| PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 02/12/2024 | REVISED - | |

Accurate GROUP, INC.

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**MOT PLANS - STAGE 2**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. 44+00.00 TO STA. 56+00.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 39 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

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# EROSION AND SEDIMENT CONTROL NOTES:

1. ALL CONTROL MEASURES NECESSARY MUST MEET THE MINIMUM REQUIREMENTS AS DESCRIBED IN THE LATEST EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ADDITIONAL DETAILS AND BMPs ARE ALSO AVAILABLE AND CAN BE UTILIZED AS SHOWN IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: (HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL).

2. ALL THE SOIL EROSION AND SEDIMENT CONTROL FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND THE INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR MUST BE APPROVED BY THE ENGINEER AND WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.

4. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITIES.

5. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION ACTIVITY, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN ONE (1) CALENDAR DAY.

6. THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREA AS THE PROJECT PROGRESSES AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE EARTHEN MATERIAL TO THE SATISFACTION OF THE ENGINEER OR AUTHORIZED IDOT PERSONNEL.

7. STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10-FT VERTICALLY OR THE FINISHED SLOPE EQUALS 30-FT, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.

8. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES TO BE RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS THROUGHOUT THE PROJECT.

9. THE CONTRACTOR'S REPRESENTATIVE HAS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES AND HAVE TAKEN AN ILLINOIS DEPARTMENT OF TRANSPORTATION OR APPROVED EQUAL EROSION AND SEDIMENT CONTROL COURSE. THIS PERSON SHALL HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTION CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN PROVIDED BY THE ENGINEER. THIS INDIVIDUAL AND THE ENGINEER MUST MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN DAYS OF THE FOLLOWING:

   A. DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED.
   B. STRUCTURAL CONTROL MEASURES (SUCH AS PERIMETER EROSION BARRIER, ETC.)
   C. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE PROJECT SITE.
   D. AN ADDITIONAL INSPECTION OF THE ITEMS LISTED ABOVE MUST BE MADE WITHIN 24-HOURS AFTER A 24-HOUR RAINFALL OR EQUIVALENT SNOWFALL EVENT GREATER THAN 0.5-INCH. DURING WINTER MONTHS, ALL MEASURES MUST BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

10. ALL THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON, AS WELL AS OVER THE WINTER SHUTDOWN PERIOD AND OTHER DAYS WHEN THE PROJECT IS CLOSED DOWN FOR A LONGER DURATION. ANY CONTROL MEASURES FILLED MORE THAN 75% MUST BE CLEANED AND RESET AND THESE SPOILS REMOVED TO AN APPROVED SITE.

11. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND ACTIVE DRAINAGE PATHS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE. IMMEDIATELY AFTER THE FINAL SHAPING OF THE STOCKPILE, THE TOPSOIL WILL BE STABILIZED IN ACCORDANCE WITH THE METHOD APPROVED BY IDOT. THE CONTRACTOR WILL PROVIDE ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.

12. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR, THE COST OF THE CONTROLS WILL BE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER, THE DEPARTMENT WILL ASSUME THE COST OF INSTALLING AND MAINTAINING THE CONTROLS.

13. IF AND/OR WHEN THE CONTRACTOR REQUESTS CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH 25 FEET AWAY FROM THE SHOULDER OF THE ROAD PROVIDED THE FOLLOWING CONDITIONS ARE MET:

   A. ALL AREAS BEING STABILIZED ARE 1:3 SLOPES OR FLATTER
   B. THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZINGTHE AREA WITH TEMPORARY STABILIZATION WITH MULCH METHOD 3.
   C. ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.

14. TOPSOIL PLACEMENT:
    TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE NOR ON TEMPORARY STEEP SLOPES.

15. IN AREAS WHERE A PERMANENT VEGETATIVE COVER IS PRACTICABLE AND INCLUDED IN THE CONTRACT DOCUMENTS, A SPECIAL EFFORT SHOULD BE MADE TO ESTABLISH A COVER AS SOON AS A DISTURBED AREA IS BROUGHT TO FINAL GRADE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

16. THE CONTRACTOR'S REPRESENTATIVE AND THE ENGINEER MUST KEEP A WRITTEN REPORT SUMMARIZING THE REQUIRED INSPECTIONS. THE REPORTS MUST BE KEPT AT THE SITE DURING CONSTRUCTION. THE REPORT MUST ALSO BE RETAINED FOR THREE YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED.

17. ANY SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING CONTROL MEASURE PRIOR TO RELEASE FROM THE PROJECT SITE.

18. NO WORK IS ALLOWED BEYOND THE PERMITTED AREA. ANY WORK WITHIN A CREEK OR DITCH CAPABLE OF CONVEYING WATER MUST BE CONDUCTED IN THE DRY. PROVISIONS MUST BE MADE TO BYPASS PUMP OR DEWATER ANY AREAS IN WHICH WORK WILL BE CONDUCTED. IN HIGH FLOW CHANNELS WHERE DEWATERING IS NOT POSSIBLE OR PRACTICAL, SILT FENCE OR SEDIMENT CURTAINS MAY BE INSTALLED PARALLEL TO THE STREAM BANK. IN NO CASE WILL THE CURTAINS BE INSTALLED PERPENDICULAR TO THE FLOW. DEWATERING MUST BE DISCHARGED TO A STABLE, NON-ERODIBLE SURFACE AND IN-STREAM WORK BARRIERS MUST BE COMPOSED OF NON-ERODIBLE MATERIAL.

19. SEEDING USAGE

    CLASS 4A:
    USED ON FINAL DISTURBED CONSTRUCTION AREAS AS INDICATED ON THE PLANS.

    SODDING, SALT TOLERANT:
    USED ON FINAL DISTURBED CONSTRUCTION AREAS INDICATED ON THE PLANS. CONTRACTOR SHALL PROVIDE SPADE EDGES FOR ALL SODDING AREAS ABUTTING EXISTING OR NEW TREES BY MAINTAING THE MULCH RING AROUND THE TREE.

    TEMPORARY EROSION CONTROL SEEDING:
    USED IN AREAS REQUIRING SHORT TERM TREMPORARY SEEDING DURING CONSTRUCTION.

20. THE CONTRACTOR MUST COOPERATE WITH THE ENGINEER AND HIS/HER REPRESENTATIVE WHO WILL MAKE SITE VISITS TO REVIEW THE COMPLIANCE OF THE PLANS IN THE FIELD AND AUDIT IF NECESSARY. THE CONTRACTOR MUST PREPARE THE LOGS AND RECORDS WHEN REQUIRED AND SUBMIT TO IDOT AND/OR APPROPRIATE AGENCIES.

21. THE INSTALLATION, MAINTENANCE, REMOVAL AND RESTORATION OF THE AREA DISTURBED BY THE PLACEMENT OF THE PERIMETER EROSION BARRIER ARE INCLUDED IN THE CONTRACT UNIT PRICE FOR PERIMETER EROSION BARRIER. AFTER ALL PERIMETER EROSION BARRIER IS REMOVED, THE AREAS DAMAGED BY THE PERIMETER EROSION CONTROL BARRIER MUST BE RESTORED TO THEIR ORIGINAL CONDITION.

22. TEMPORARY OR PERMANENT STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN ONE (1) DAY AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF FOURTEEN (14) OR MORE CALENDAR DAYS.

23. THE CONTRACTOR WILL PROVIDE THE ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THIS IS IMPORTANT WHERE NEW STORM SEWER CONNECTS TO EXISTING CULVERTS. USE A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE, ESPECIALLY WHEN RAIN IS FORECAST, SO THAT FLOW WILL NOT BE EROSIVE AND WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS. THE LACK OF AN APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

24. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

25. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.

26. THE CONTRACTOR IS REQUIRED TO PROVIDE WASHOUT FACILITIES AND STABILIZED CONSTRUCTION ENTRANCES TO COMPLY WITH EROSION CONTROL PERMITS. ALL COST ASSOCIATED WITH INSTALLATION AND MAINTENANCE OF STABILIZED CONSTRUCTION ENTRANCE AND CONCRETE WASHOUTS SHALL BE CONSIDERED IN THE UNIT BID PRICES OF THE CONTRACT.

27. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: "PROTECTED WETLAND - NO INTRUSION". THE SIGN(S) WILL BE ATTACHED TO THE STAKES BY THE METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICK UP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN(S) SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

28. THE US ARMY CORPS OF ENGINEERS MUST BE NOTIFIED 10 DAYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

29. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT FOUND IN THE SPECIAL PROVISIONS MUST BE FOLLOWED. AS CONDITION OF THE PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USAGE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

# SOIL PROTECTION SCHEDULE:

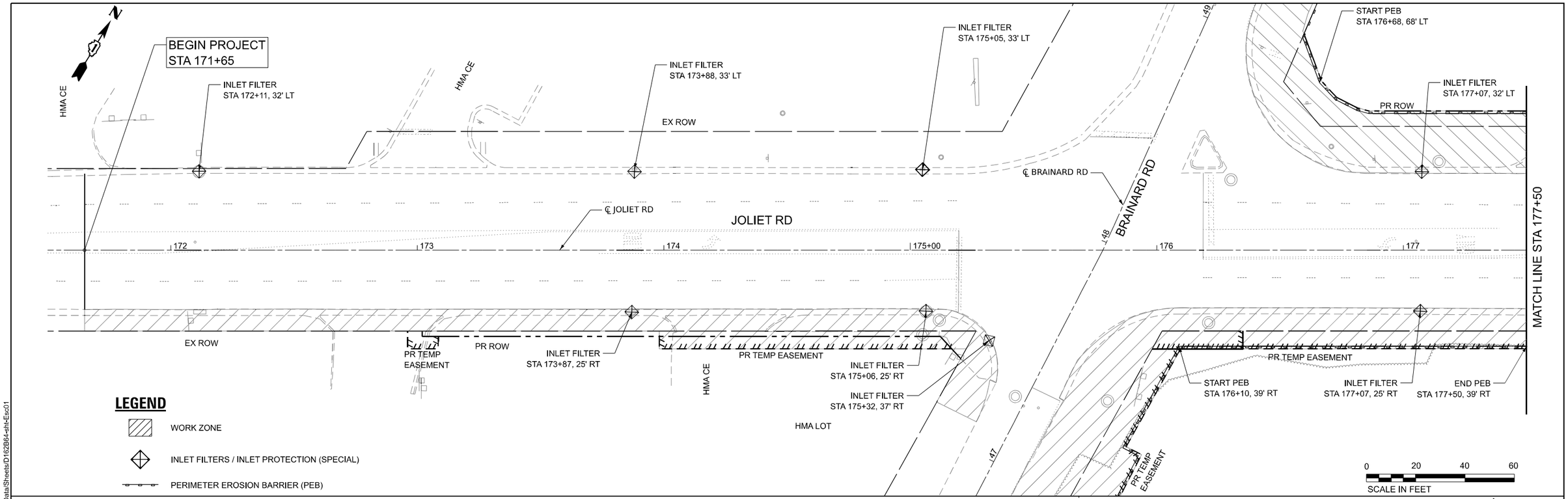
| STABILIZATION TYPE | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PERMANENT SEEDING | | | | | → | → | | | | → | → | |
| DORMANT SEEDING | → | → | → | | | | | | | → | → | → |
| TEMPORARY SEEDING | | | → | | | | | | | → | | |
| EROSION BLANKET / HYDROMULCH | | | → | | | | | | | | → | |

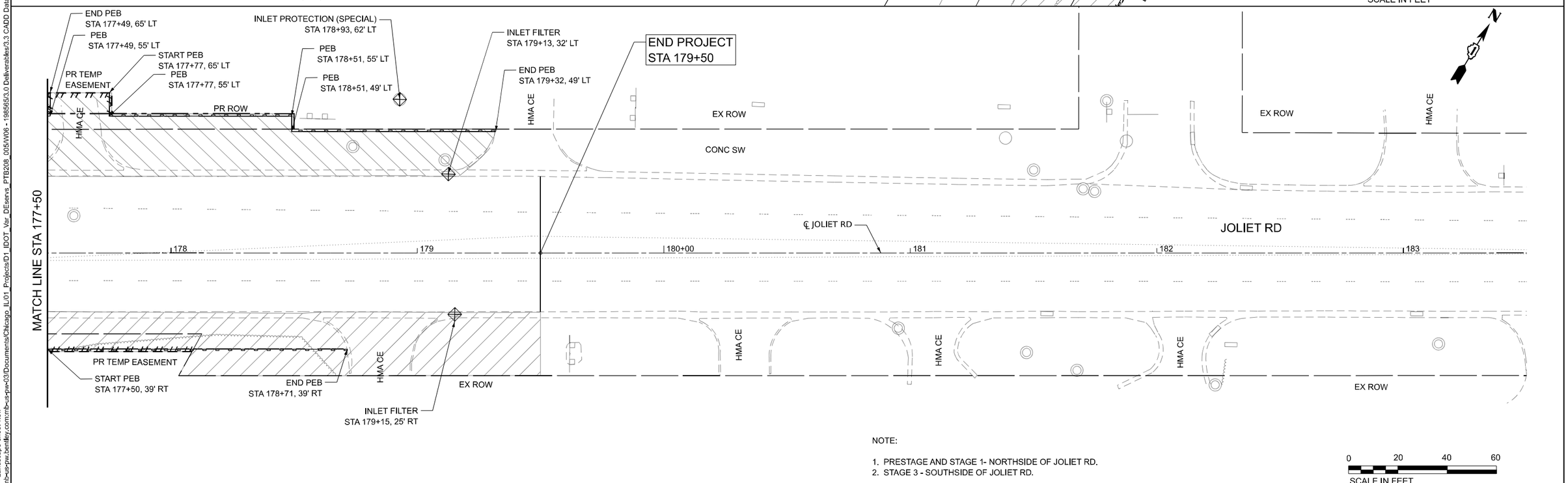
# SOIL EROSION AND SEDIMENT CONTROL STRATEGY:

1. INSTALL TRAFFIC CONTROL DEVICES.
2. ERECT PERIMETER EROSION BARRIERS AS SHOWN ON THE PLANS.
3. INSTALL INLET FILTERS AS SHOWN IN THE PLANS.
4. ESTABLISH STABILIZED CONSTRUCTION ENTRANCES.
5. REMOVE EXISTING PAVEMENTS AND SIDEWALKS AS SHOWN ON THE PLANS.
6. CONSTRUCT PROJECT IMPROVEMENTS AS SHOWN ON THE PLANS.
7. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
8. TEMPORARY STABILIZATION OF EACH STAGE SHOULD BE COMPLETED BEFORE WORK BEGINS ON SUBSEQUENT STAGES.
9. STABILIZE DISTURBED AREAS WITH TEMPORARY EROSION CONTROL MEASURES. USE SEEDING AND SODDING AS SHOWN ON THE PLANS FOR PERMANENT STABILIZATION.
10. WHEN THE PERMANENT STABILIZATION IS ESTABLISHED, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

## STATE HIGHWAY STANDARDS

| STD. NO. | TITLE |
|---|---|
| 280001 | TEMPORARY EROSION CONTROL SYSTEMS |




NOTE:

1. PRESTAGE AND STAGE 1- NORTHSIDE OF JOLIET RD.
2. STAGE 3 - SOUTHSIDE OF JOLIET RD.

MODEL: Joliet Rd. - Landscape+sheet view
FILE NAME: pw://mt-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Esc01

Accurate GROUP, INC.

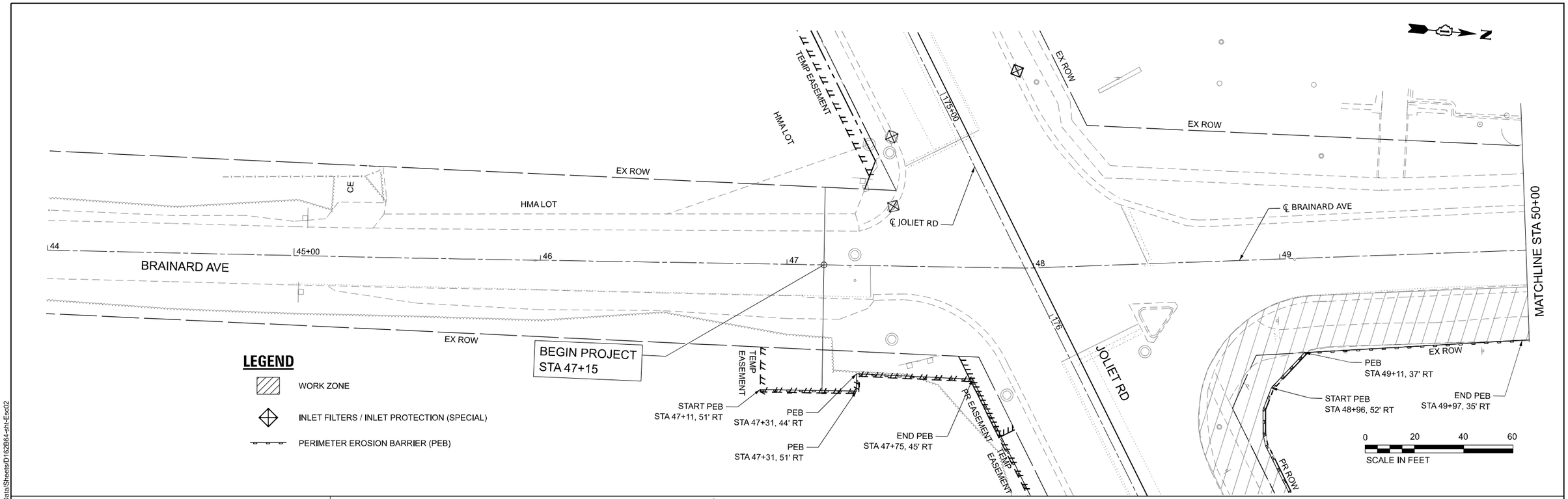
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MA | REVISED - | |
| | DRAWN - MA | REVISED - | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

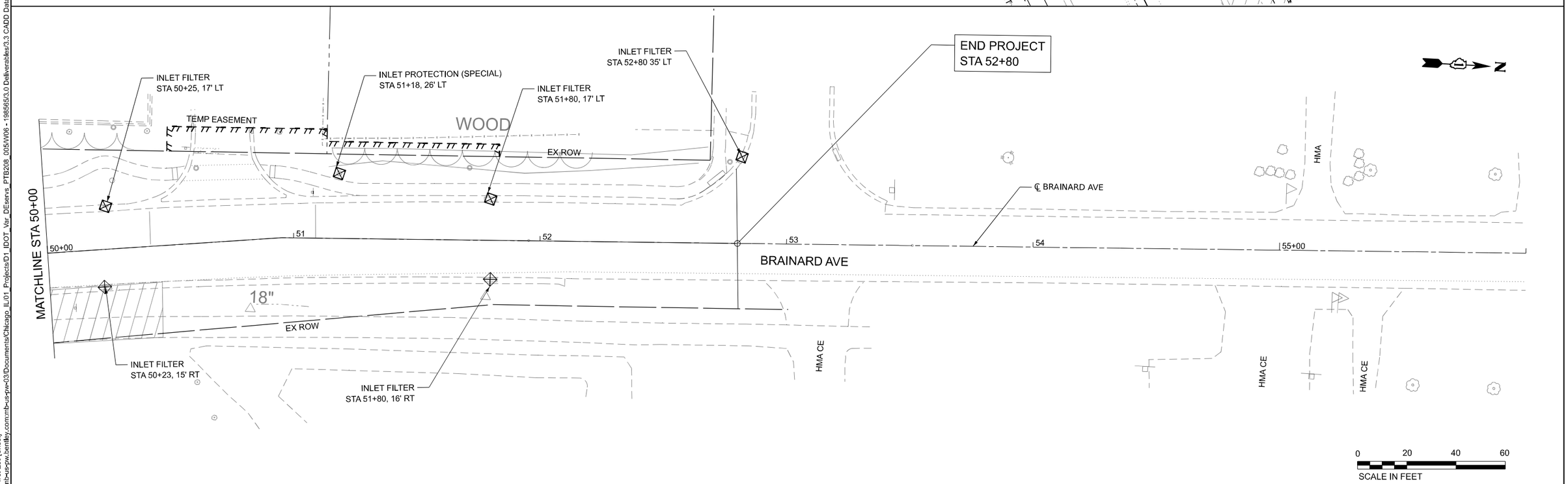
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS - STAGE 1 & 3**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 171+50.00 TO STA. 183+50.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 41 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

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FILE NAME: pw://mt-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Esc02

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JP | REVISED - | |
| | DRAWN - MA | REVISED - | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS - STAGE 1**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. 44+00.00 TO STA. 56+00.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
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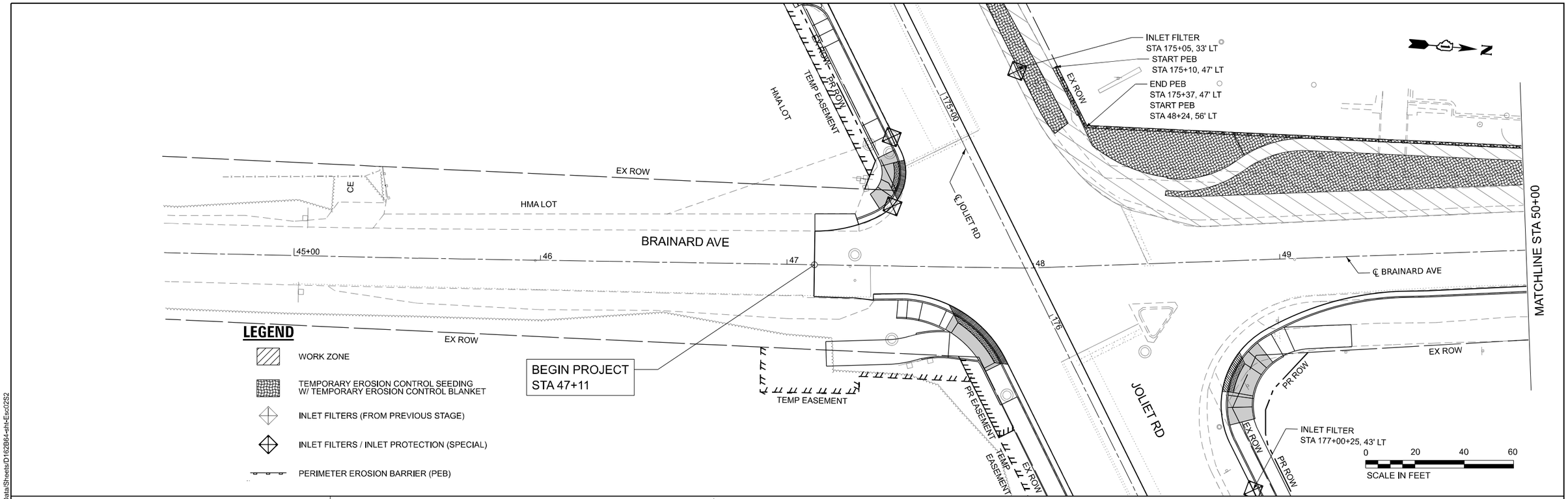
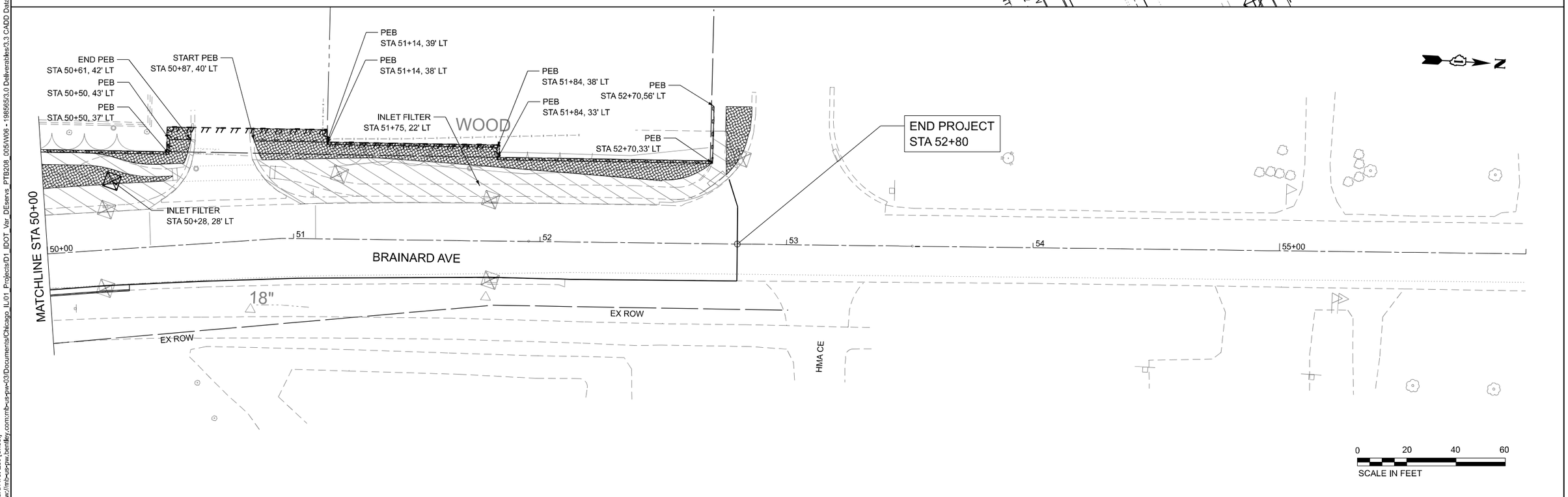
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |

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Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JP | REVISED - | |
| | DRAWN - MA | REVISED - | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 02/22/2024 | REVISED - | |

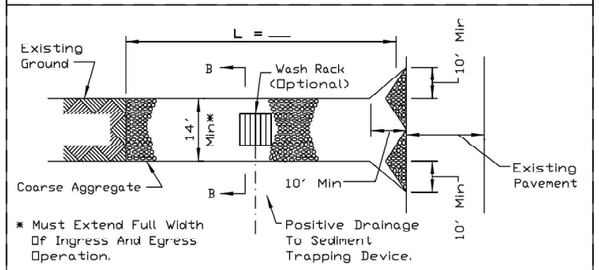
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS - STAGE 2**
**JOLIET ROAD AT BRAINARD AVENUE**

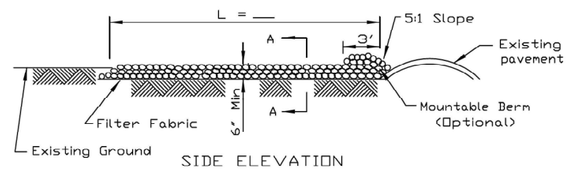
SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. 44+00.00 TO STA. 56+00.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 43 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## STABILIZED CONSTRUCTION ENTRANCE PLAN




PLAN VIEW



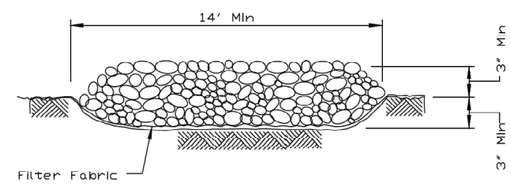

SIDE ELEVATION

NOTES:

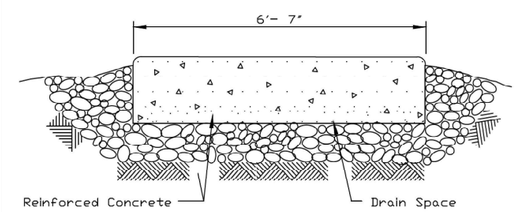
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT course aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

| REFERENCE | | | NRCS Natural Resources Conservation Service | STANDARD DWG. NO. |
|---|---|---|---|---|
| Project | | | | IL-630 |
| Designed | | Date | | SHEET 1 OF 2 |
| Checked | | Date | | DATE 8-18-94 |
| Approved | | Date | | |

## STABILIZED CONSTRUCTION ENTRANCE PLAN




SECTION A-A




SECTION B-B

| REFERENCE | | | NRCS Natural Resources Conservation Service | STANDARD DWG. NO. |
|---|---|---|---|---|
| Project | | | | IL-630 |
| Designed | | Date | | SHEET 2 OF 2 |
| Checked | | Date | | DATE 8-18-94 |
| Approved | | Date | | |

MODEL: Erosion and Sediment Control Details 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB228_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-EscDetails.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JLS | REVISED - | |
| | DRAWN - JLS | REVISED - | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 02/22/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL DETAILS**
**JOLIET ROAD AT BRAINARD AVENUE**

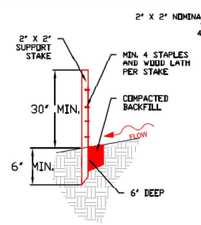
SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 44 |

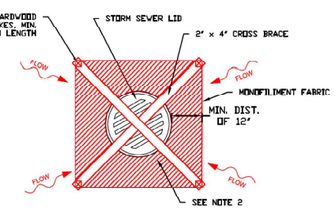
CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT

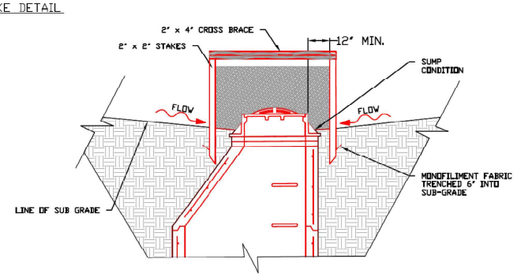
# INLET PROTECTION -MONOFILAMENT FABRIC BARRIER FENCE




STAKE DETAIL



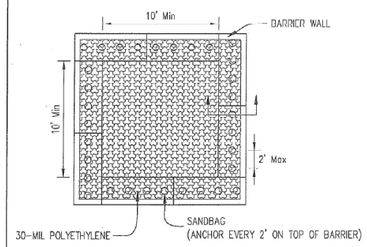

PLAN VIEW



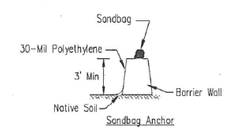

SECTION

NOTES:

1. 2 x 2 nominal hardwood stakes, 4 foot minimum length, driven into ground approximately 18 inches, stakes driven a minimum width of 12 inches away from the drop inlet.
2. Area inside the fence, from edge of fabric to structure, must be stabilized with Erosion Control Blanket, Turf Reinforcement Mat, Geotextile 592 Table 2 Class 2 or CA-7 stone
3. Maximum height of the fabric above the crest of the drop inlet shall be 30". Place the bottom 6 inches of the fabric in a trench and backfill with 6 inches of 95% compacted soil.
4. Stakes must be a maximum of 4 feet apart.
5. A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the monofilment fabric.
6. Monofilment fabric shall meet the requirement of Material Specification 592 Geotextile Table 1, Class 4.
7. Monofilment fabric shall be secured to each 2" x 2" nominal hardwood stake with a minimum of 4 steel staple fasteners and wood lath. Wood lath shall be a minimum length of 10 inches. Wire fasteners should be used if metal T-Posts are installed in place of hardwood stakes.

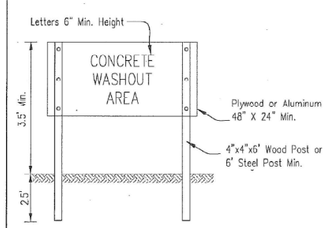



PLAN VIEW




Sandbag Anchor

BARRIER WALL ANCHOR SECTION




SIGN DETAIL

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

| | | | |
|---|---|---|---|
| TEMPORARY CONCRETE WASHOUT FACILITY – BARRIER WALL | Designed | | Date |
| | Drawn B. JOHNSON | | 6/08 |
| | Checked | | |
| | Approved | | |

MODEL: Erosion and Sediment Control Details 2 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserra_PTB208_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-EscDetails.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JLS | REVISED - | |
| | DRAWN - JLS | REVISED - | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 02/22/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

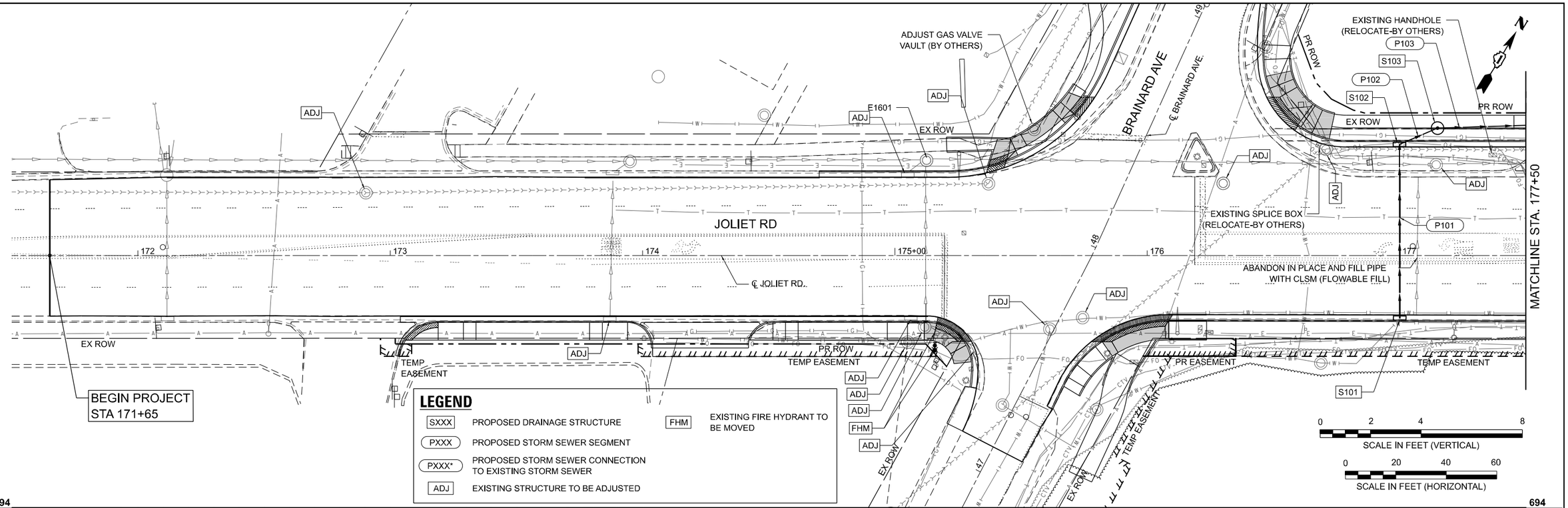
**EROSION AND SEDIMENT CONTROL DETAILS**
**JOLIET ROAD AT BRAINARD AVENUE**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 45 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT

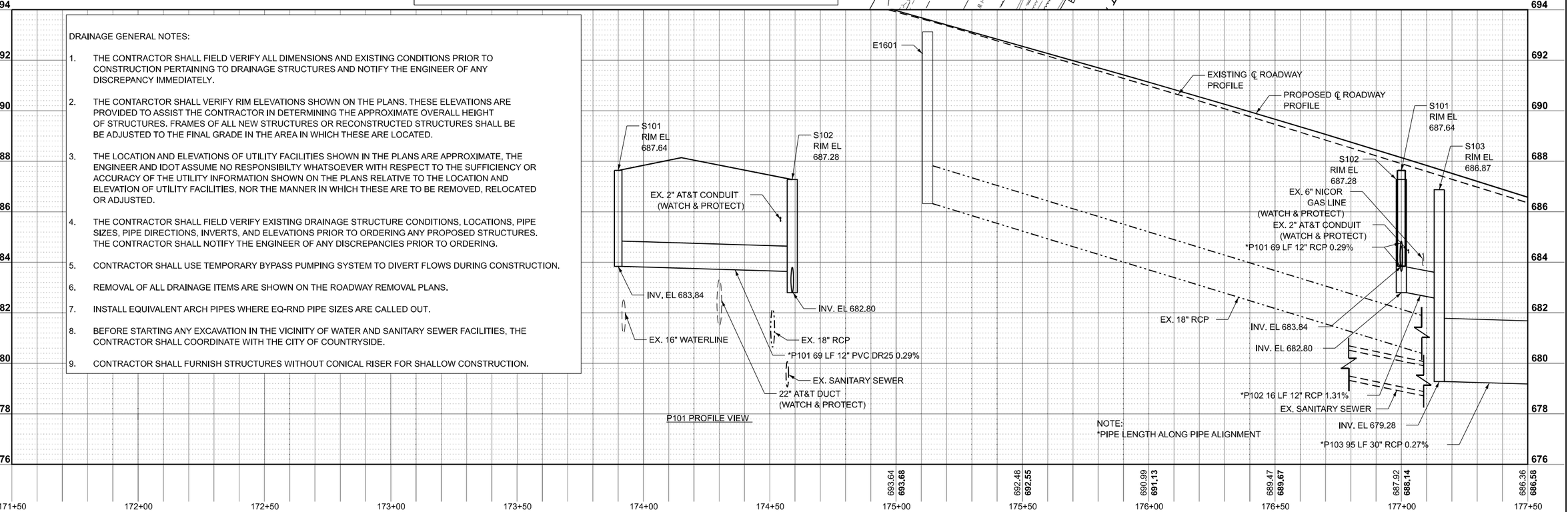



## LEGEND

| | |
|---|---|
| SXXX | PROPOSED DRAINAGE STRUCTURE |
| PXXX | PROPOSED STORM SEWER SEGMENT |
| PXXX* | PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER |
| ADJ | EXISTING STRUCTURE TO BE ADJUSTED |
| FHM | EXISTING FIRE HYDRANT TO BE MOVED |

DRAINAGE GENERAL NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION PERTAINING TO DRAINAGE STRUCTURES AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.
2. THE CONTARCTOR SHALL VERIFY RIM ELEVATIONS SHOWN ON THE PLANS. THESE ELEVATIONS ARE PROVIDED TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF STRUCTURES. FRAMES OF ALL NEW STRUCTURES OR RECONSTRUCTED STRUCTURES SHALL BE BE ADJUSTED TO THE FINAL GRADE IN THE AREA IN WHICH THESE ARE LOCATED.
3. THE LOCATION AND ELEVATIONS OF UTILITY FACILITIES SHOWN IN THE PLANS ARE APPROXIMATE, THE ENGINEER AND IDOT ASSUME NO RESPONSIBILTY WHATSOEVER WITH RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE UTILITY INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION AND ELEVATION OF UTILITY FACILITIES, NOR THE MANNER IN WHICH THESE ARE TO BE REMOVED, RELOCATED OR ADJUSTED.
4. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DRAINAGE STRUCTURE CONDITIONS, LOCATIONS, PIPE SIZES, PIPE DIRECTIONS, INVERTS, AND ELEVATIONS PRIOR TO ORDERING ANY PROPOSED STRUCTURES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING.
5. CONTRACTOR SHALL USE TEMPORARY BYPASS PUMPING SYSTEM TO DIVERT FLOWS DURING CONSTRUCTION.
6. REMOVAL OF ALL DRAINAGE ITEMS ARE SHOWN ON THE ROADWAY REMOVAL PLANS.
7. INSTALL EQUIVALENT ARCH PIPES WHERE EQ-RND PIPE SIZES ARE CALLED OUT.
8. BEFORE STARTING ANY EXCAVATION IN THE VICINITY OF WATER AND SANITARY SEWER FACILITIES, THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF COUNTRYSIDE.
9. CONTRACTOR SHALL FURNISH STRUCTURES WITHOUT CONICAL RISER FOR SHALLOW CONSTRUCTION.




MODEL: Joliet Rd-1 - Plan 1 [Sheet]
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Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MMA | REVISED - | |
| | DRAWN - MMA | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 03/08/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

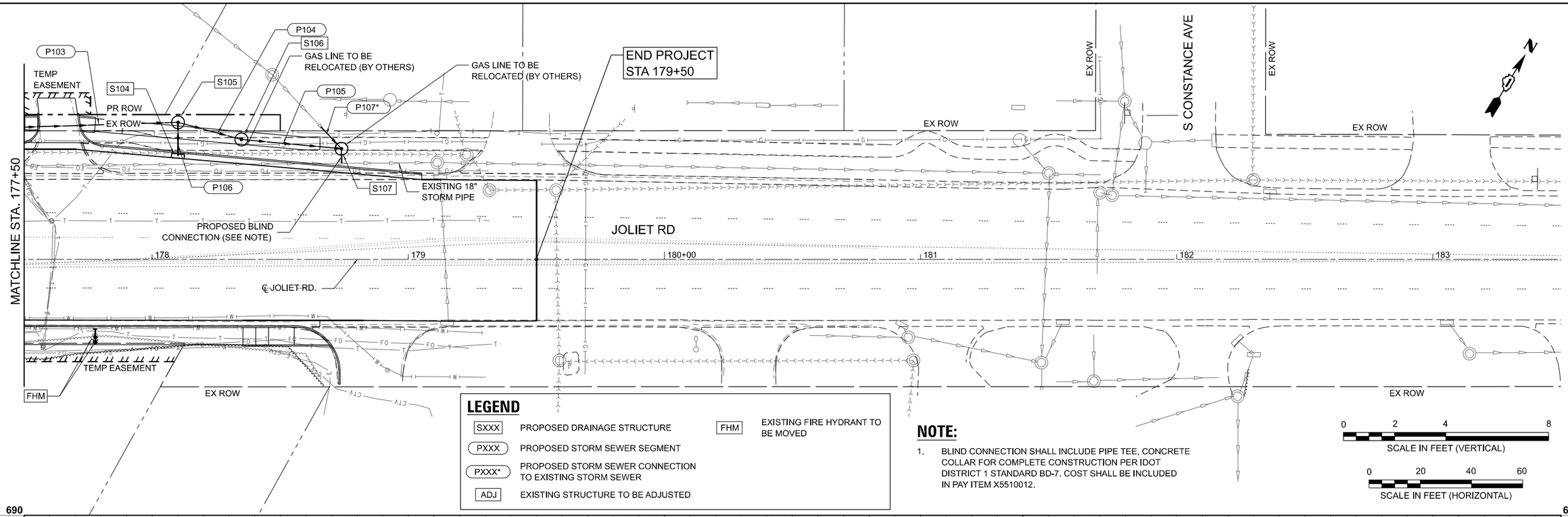
**DRAINAGE PLAN AND PROFILE**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 1 OF 5 SHEETS | STA. 171+50.00 TO STA. 177+50.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3582 | (430Y)N-1 | COOK | 117 | 46 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




## LEGEND

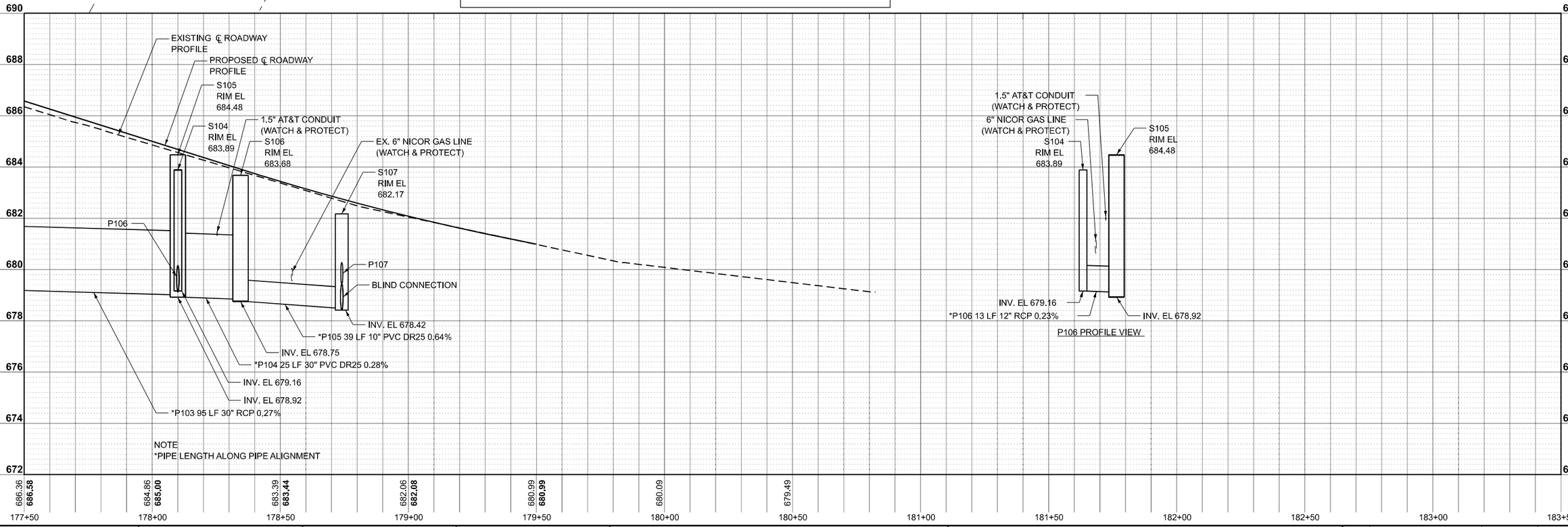
| | |
|---|---|
| SXXX | PROPOSED DRAINAGE STRUCTURE |
| PXXX | PROPOSED STORM SEWER SEGMENT |
| PXXX* | PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER |
| ADJ | EXISTING STRUCTURE TO BE ADJUSTED |
| FHM | EXISTING FIRE HYDRANT TO BE MOVED |

## NOTE:

1. BLIND CONNECTION SHALL INCLUDE PIPE TEE, CONCRETE COLLAR FOR COMPLETE CONSTRUCTION PER IDOT DISTRICT 1 STANDARD BD-7. COST SHALL BE INCLUDED IN PAY ITEM X5510012.

0 2 4 8
SCALE IN FEET (VERTICAL)

0 20 40 60
SCALE IN FEET (HORIZONTAL)




MODEL: Joliet Rd-1 - Plan 2 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Drainage01

Accurate GROUP, INC.

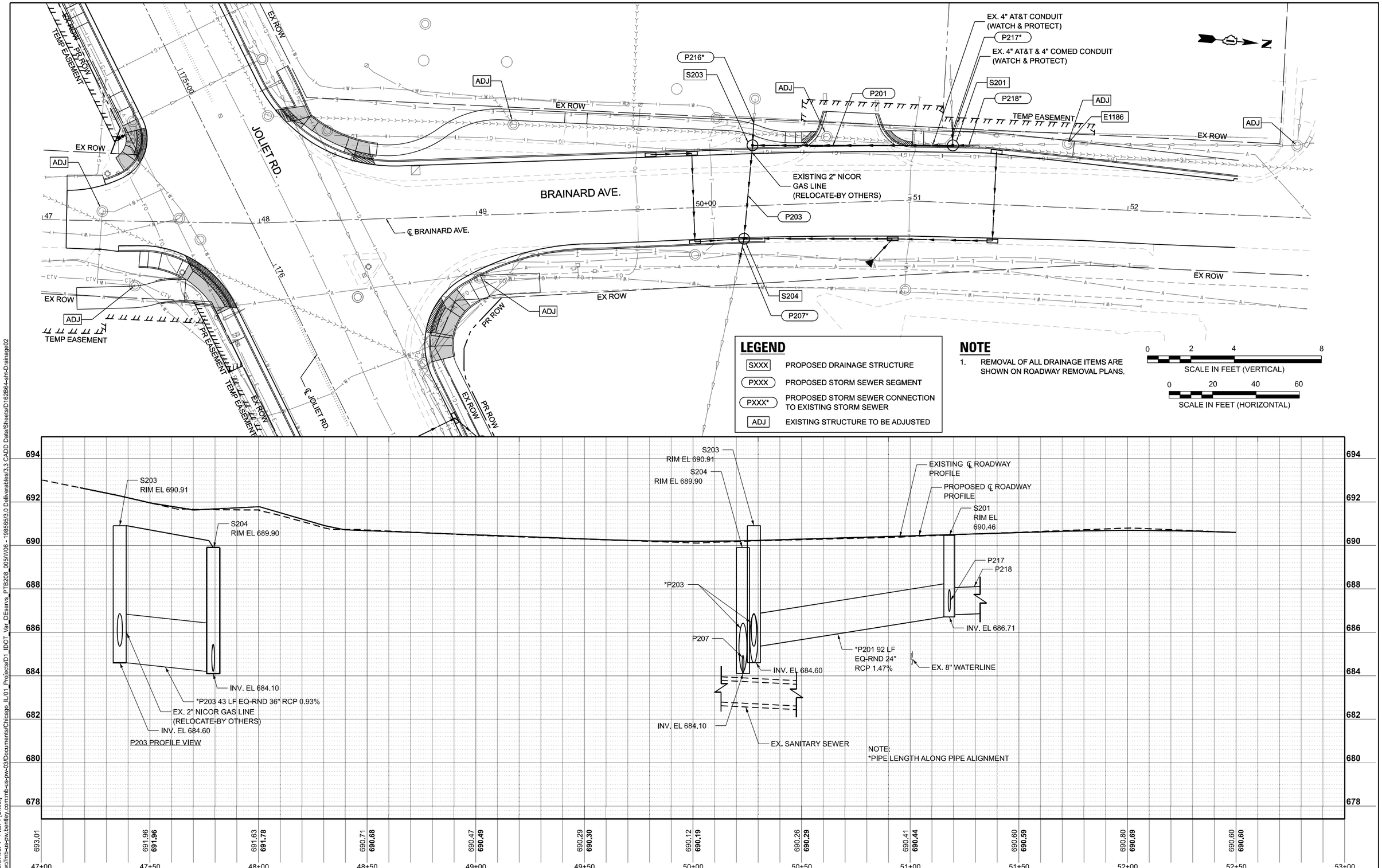
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MMA | REVISED - | |
| | DRAWN - MMA | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 03/08/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 2 OF 5 SHEETS | STA. 177+50.00 TO STA. 183+50.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3582 | (430Y)N-1 | COOK | 117 | 47 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




MODEL: Brainard Ave -1 - Plan 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 19855593.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Drainage02

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MMA | REVISED - | |
| | DRAWN - MMA | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 03/08/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

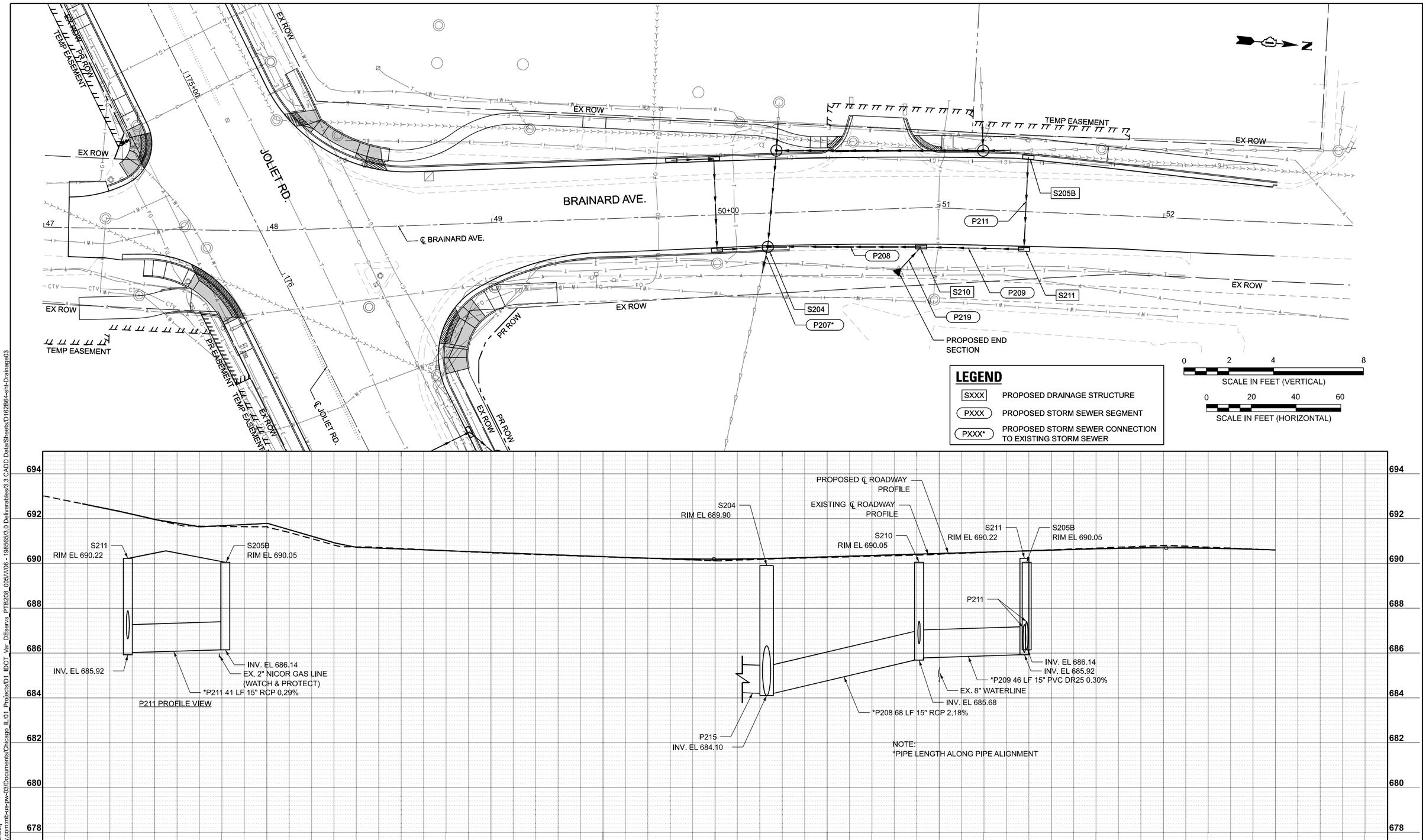
**DRAINAGE PLAN AND PROFILE**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. 47+00.00 TO STA. 53+00.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3582 | (430Y)N-1 | COOK | 117 | 48 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




MODEL: Brainard Ave.-1 - Plan 2 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Drainage03

Accurate GROUP, INC.

| | | |
|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MMA | REVISED - |
| | DRAWN - MMA | REVISED - |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - AB | REVISED - |
| PLOT DATE = 6/25/2025 | DATE - 03/08/2024 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

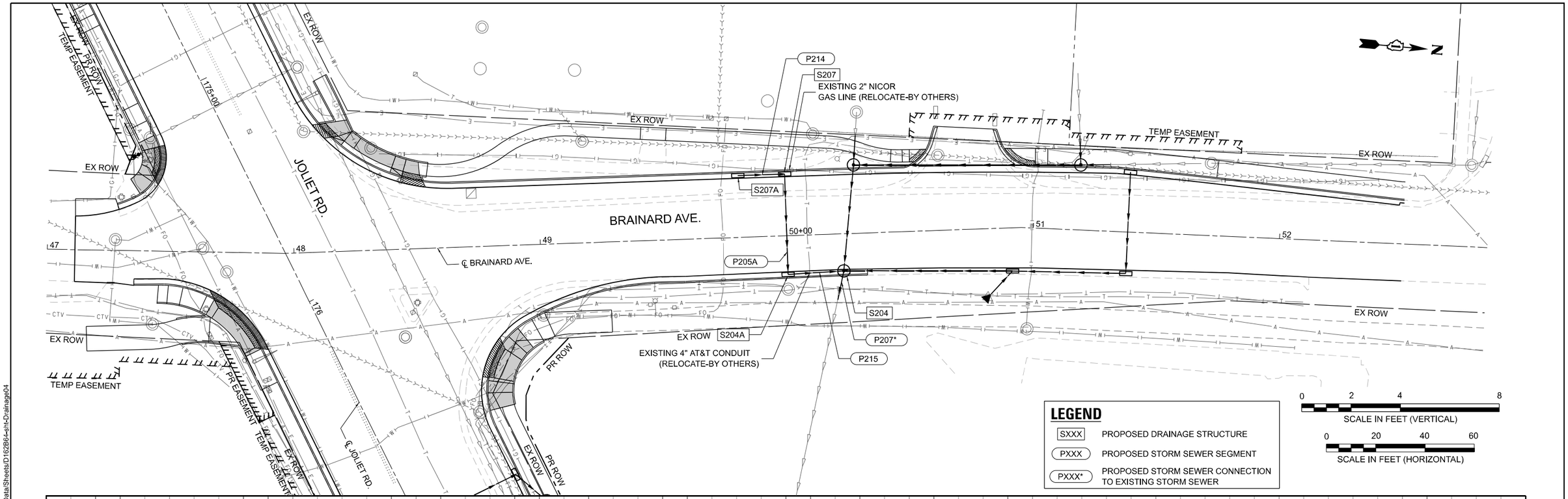
**DRAINAGE PLAN AND PROFILE**
**JOLIET ROAD AT BRAINARD AVENUE**

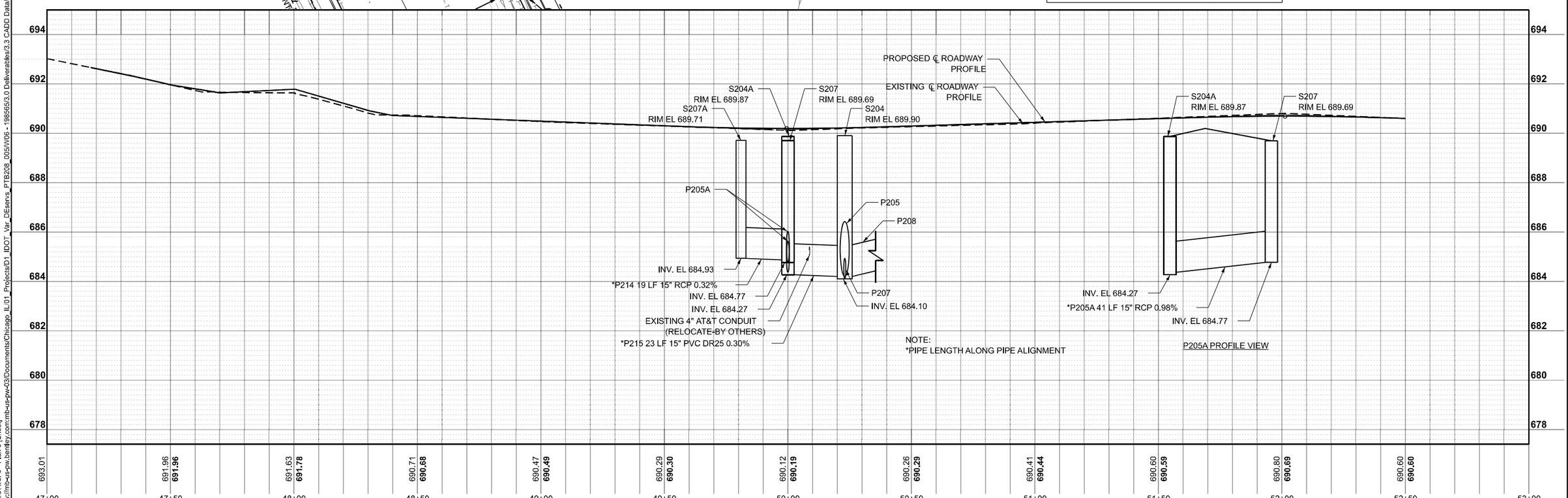
SCALE: 1"=20' | SHEET 4 OF 5 SHEETS | STA. 47+00.00 TO STA. 53+00.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3582 | (430Y)N-1 | COOK | 117 | 49 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




MODEL: Brainard Ave.-3 - Plan 3 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Drainage04

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MMA | REVISED - | |
| | DRAWN - MMA | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 03/08/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 5 OF 5 SHEETS | STA. 47+00.00 TO STA. 53+00.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3582 | (430Y)N-1 | COOK | 117 | 50 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

| JOLIET ROAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 55100400 | STORM SEWER REMOVAL 10" | | | | TOTAL (FT) | | 12 | TRENCH BACKFILL (CY) |
| | FROM STATION | OFFSET | DIR | TO STATION | OFFSET | DIR | *SUBTOTAL (FT) | |
| | 178+66 | 52.0 | LT | 178+74 | 43.0 | LT | 12 | ** |

| JOLIET ROAD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 55100500 | STORM SEWER REMOVAL 12" | | | | TOTAL (FT) | | 11 | TRENCH BACKFILL (CY) |
| | FROM STATION | OFFSET | DIR | TO STATION | OFFSET | DIR | *SUBTOTAL (FT) | |
| | 177+15 | 36.0 | LT | 177+07 | 32.0 | LT | 8 | 5.56 |
| | 178+74 | 38.0 | LT | 178+74 | 41.0 | LT | 3 | ** |

NOTES: * LENGTH ALONG PIPE ALIGNMENT
** INCLUDED IN TRENCH BACKFILL SCHEDULE

| BRAINARD AVENUE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 55100400 | STORM SEWER REMOVAL 10" | | | | TOTAL (FT) | | 12 | TRENCH BACKFILL (CY) |
| | FROM STATION | OFFSET | DIR | TO STATION | OFFSET | DIR | *SUBTOTAL (FT) | |
| | 50+20 | 26.0 | RT | 50+23 | 15.0 | RT | 12 | ** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 55100500 | STORM SEWER REMOVAL 12" | | | | TOTAL (FT) | | 126 | TRENCH BACKFILL (CY) |
| | FROM STATION | OFFSET | DIR | TO STATION | OFFSET | DIR | *SUBTOTAL (FT) | |
| | 50+25 | 17.0 | LT | 50+23 | 15.0 | RT | 33 | ** |
| | 50+25 | 17.0 | LT | 50+28 | 28.0 | LT | 11 | 6.15 |
| | 50+23 | 15.0 | RT | 50+81 | 28.0 | RT | 58 | 21.16 |
| | 50+28 | 28.0 | LT | 50+28 | 39.0 | LT | 12 | 9.23 |
| | 51+18 | 26.0 | LT | 51+17 | 38.0 | LT | 12 | 3.22 |
| 55100700 | STORM SEWER REMOVAL 15" | | | | TOTAL (FT) | | 140 | TRENCH BACKFILL (CY) |
| | FROM STATION | OFFSET | DIR | TO STATION | OFFSET | DIR | *SUBTOTAL (FT) | |
| | 51+18 | 26.0 | LT | 50+28 | 27.0 | LT | 92 | ** |
| | 51+71 | 29.0 | LT | 51+80 | 17.0 | LT | 15 | 4.69 |
| | 51+80 | 16.0 | RT | 51+80 | 17.0 | LT | 33 | 4.04 |

NOTES: * LENGTH ALONG PIPE ALIGNMENT
** INCLUDED IN TRENCH BACKFILL SCHEDULE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| X5509900 | ABANDON AND FILL EXISTING STORM SEWER | | | | TOTAL (FT) | | 55 |
| | FROM STATION | OFFSET | DIR | TO STATION | OFFSET | DIR | *SUBTOTAL (FT) |
| | 177+07 | 24.0 | RT | 177+07 | 32.0 | LT | 55 |

| JOLIET ROAD | | | | | |
|---|---|---|---|---|---|
| 60500060 | REMOVING INLETS | | | TOTAL (EACH) | 2 |
| | STATION | OFFSET | DIR | SUBTOTAL (EACH) | |
| | 177+07 | 31 | LT | 1 | |
| | 177+07 | 24 | RT | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| 60500040 | REMOVING MANHOLES | | | TOTAL (EACH) | 1 |
| DRAWING | STATION | OFFSET | DIR | SUBTOTAL (EACH) | |
| | 178+74 | 43 | LT | 1 | |

| BRAINARD AVENUE | | | | | |
|---|---|---|---|---|---|
| 60500060 | REMOVING INLETS | | | TOTAL (EACH) | 4 |
| | STATION | OFFSET | DIR | SUBTOTAL (EACH) | |
| | 50+25 | 17 | LT | 1 | |
| | 50+23 | 15 | RT | 1 | |
| | 51+80 | 17 | LT | 1 | |
| | 51+80 | 16 | RT | 1 | |
| 60500050 | REMOVING CATCH BASINS | | | TOTAL (EACH) | 2 |
| | STATION | OFFSET | DIR | SUBTOTAL (EACH) | |
| | 50+28 | 28 | LT | 1 | |
| | 51+18 | 26 | LT | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| X5427602 | REMOVE EXISTING FLARED END SECTION | | | TOTAL (EACH) | 1 |
| | STATION | OFFSET | DIR | SUBTOTAL (EACH) | |
| | 50+82 | 27 | RT | 1 | |

JOLIET ROAD
TRENCH BACKFILL SCHEDULE

| PIPE NO. | FROM RIM ELEV | FROM INVERT | TO RIM ELEV | TO INVERT | TRENCH LENGTH (FT) | TRENCH WIDTH (FT) | *AVG. TRENCH DEPTH (FT) | PIPE SIZE (IN) | SUBTOTALS (CU YD) |
|---|---|---|---|---|---|---|---|---|---|
| P101 | 687.64 | 683.84 | 687.28 | 683.64 | 69 | 2.83 | 2.59 | 12 | 15.15 |
| P102 | 687.28 | 682.80 | 686.87 | 682.59 | 16 | 2.83 | 3.71 | 12 | 5.81 |
| P103 | 686.87 | 679.28 | 684.48 | 679.02 | 95 | 5.50 | 5.27 | 30 | 93.39 |
| P104 | 684.48 | 678.92 | 683.68 | 678.75 | 25 | 5.50 | 3.94 | 30 | 17.09 |
| P105 | 683.68 | 678.75 | 682.17 | 678.5 | 39 | 3.58 | 3.63 | 10 | 18.20 |
| P106 | 683.89 | 679.16 | 684.48 | 679.13 | 13 | 4.33 | 4.37 | 12 | 8.77 |
| BLIND CONN | 682.17 | 678.44 | 682.17 | 678.42 | 6 | 2.83 | 2.11 | 12 | 1.17 |

JOLIET ROAD
TRENCH BACKFILL SCHEDULE

| PIPE NO. | PIPE SEGMENT | FROM RIM/SURFACE ELEV | FROM INVERT | TO RIM/SURFACE ELEV | TO INVERT | TRENCH LENGTH (FT) | TRENCH WIDTH (FT) | *AVG. TRENCH DEPTH (FT) | PIPE SIZE (IN) | SUBTOTALS (CU YD) |
|---|---|---|---|---|---|---|---|---|---|---|
| P107 | NORTH | 682.17 | 679.48 | 682.17 | 679.44 | 12 | 2.64 | 2.14 | 10 | 2.28 |

BRAINARD AVENUE
TRENCH BACKFILL SCHEDULE

| PIPE NO. | FROM RIM ELEV | FROM INVERT | TO RIM ELEV | TO INVERT | TRENCH LENGTH (FT) | TRENCH WIDTH (FT) | *AVG. TRENCH DEPTH (FT) | ARCH PIPE SPAN (IN) | ARCH PIPE RISE (IN) | SUBTOTALS (CU YD) |
|---|---|---|---|---|---|---|---|---|---|---|
| P201 | 690.46 | 686.71 | 690.91 | 685.36 | 92 | 5.13 | 3.91 | 28.5 | 18 | 61.15 |
| P205 | 690.91 | 684.60 | 689.90 | 684.20 | 43 | 7.31 | 3.72 | 43.75 | 26.63 | 36.95 |

BRAINARD AVENUE
TRENCH BACKFILL SCHEDULE

| PIPE NO. | FROM RIM ELEV | FROM INVERT | TO RIM ELEV | TO INVERT | TRENCH LENGTH (FT) | TRENCH WIDTH (FT) | *AVG. TRENCH DEPTH (FT) | PIPE SIZE (IN) | SUBTOTALS (CU YD) |
|---|---|---|---|---|---|---|---|---|---|
| P208 | 689.90 | 684.20 | 690.05 | 685.68 | 68 | 3.88 | 3.26 | 15 | 30.50 |
| P209 | 690.05 | 685.78 | 690.05 | 685.92 | 46 | 3.13 | 2.43 | 15 | 11.16 |
| P211 | 690.05 | 686.14 | 690.22 | 686.02 | 41 | 3.13 | 2.28 | 15 | 9.26 |
| P214 | 689.71 | 684.93 | 689.69 | 684.87 | 19 | 4.63 | 3.03 | 15 | 9.13 |
| P215 | 689.87 | 684.27 | 689.90 | 684.20 | 23 | 4.63 | 3.88 | 15 | 14.40 |
| P219 | 688.00 | 686.83 | 690.05 | 686.49 | 13 | 2.83 | 1.22 | 12 | 1.15 |
| P205A | 689.69 | 684.77 | 689.87 | 684.37 | 41 | 4.63 | 3.44 | 15 | 22.58 |

BRAINARD AVENUE
TRENCH BACKFILL SCHEDULE

| PIPE NO. | PIPE SEGMENT | FROM RIM/SURFACE ELEV | FROM INVERT | TO RIM/SURFACE ELEV | TO INVERT | TRENCH LENGTH (FT) | TRENCH WIDTH (FT) | *AVG. TRENCH DEPTH (FT) | PIPE SIZE (IN) | SUBTOTALS (CU YD) |
|---|---|---|---|---|---|---|---|---|---|---|
| P216 | WEST | 690.91 | 685.30 | 690.91 | 685.26 | 12 | 4.33 | 4.96 | 12 | 9.23 |
| P207 | EAST | 689.90 | 684.14 | 689.90 | 684.10 | 12 | 4.14 | 5.21 | 10 | 9.35 |
| P217 | WEST | 690.46 | 687.00 | 690.46 | 686.96 | 12 | 2.83 | 2.83 | 12 | 3.22 |
| P218 | NORTH | 690.46 | 686.85 | 690.46 | 686.81 | 12 | 3.13 | 2.81 | 15 | 3.45 |

NOTE: * AVG. TRENCH DEPTH TO SPRINGLINE

MODEL: Drainage Schedule 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-DrainageSchedule.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MMA | REVISED - | |
| | DRAWN - MMA | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/02/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**
**JOLIET ROAD AT BRAINARD AVENUE**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 51 |

CONTRACT NO. 62B64
ILLINOIS | FED. AID PROJECT

## DRAINAGE STRUCTURE SCHEDULE

| PAY ITEM NUMBER | STRUCTURE NO. | STATION | OFFSET | DIR. | STRUCTURE TYPE | RIM ELEVATION | INVERT ELEVATION NORTH | EAST | SOUTH | WEST |
|---|---|---|---|---|---|---|---|---|---|---|
| 60219540 | S101 | 177+00 | 25' | RT | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | 687.64 | 683.84 (NW) | | | |
| 60201340 | S102 | 177+00 | 43' | LT | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | 687.28 | | 682.80 (NE) | 683.64 (SE) | |
| 60218400 | S103 | 177+15 | 50.5' | LT | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 686.87 | | 679.28 (NE) | | 682.59 (SW) |
| 60201340 | S104 | 178+10 | 40' | LT | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | 683.89 | 679.16 (NW) | | | |
| 60221100 | S105 | 178+10 | 54.0' | LT | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 684.48 | | 678.92 (NE) | 679.13 (SE) | 679.02 (SW) |
| X6020094 | S106 | 178+35 | 47' | LT | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE | 683.68 | | 678.75 (NE) | | 678.85 (SW) |
| 60221100 | S107 | 178+74 | 43' | LT | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 682.17 | 679.44 (NW) | | 678.42 (SE) | 678.50 (SW) |
| | BLIND CONN. AT 18" MAIN | 178+74 | 38' | LT | BLIND CONNECTION | N/A | 678.42 (NW) | | | |
| | E1601 | 175+13 | 38' | LT | EXISTING MANHOLE | 693.13 | | 686.32 | 686.47 | 686.36 |
| 60221700 | S201 | 51+18 | 26' | LT | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE | 690.46 | 686.81 | | 686.71 | 686.96 |
| 60224005 | S203 | 50+28 | 28' | LT | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE | 690.91 | 685.36 (NW) | 684.60 | | 685.26 |
| 60223800 | S204 | 50+23 | 15' | RT | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 689.90 | 684.20 | 684.10 | 684.20 | 684.20 |
| X6020502 | S204A | 50+00 | 16' | RT | CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 22 FRAME AND GRATE (SPECIAL) | 689.87 | 684.27 | | | 684.37 |
| 60201340 | S205B | 51+39 | 25' | LT | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | 690.05 | | 686.14 | | |
| 60201340 | S210 | 50+91 | 18' | RT | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | 690.05 | 685.78 | 686.49 (SE) | 685.68 | |
| 60201340 | S211 | 51+38 | 17' | RT | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | 690.22 | | | 685.92 | 686.02 |
| X6020502 | S207 | 50+00 | 25' | LT | CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 22 FRAME AND GRATE (SPECIAL) | 689.69 | | 684.77 | 684.87 | |
| 60201340 | S207A | 49+81 | 25' | LT | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE | 689.71 | 684.93 | | | |
| 54213447 | END SECTION | 50+82 | 27' | RT | END SECTIONS 12" | *688.00 | 686.83 (NW) | | | |
| | E1186 | 51+71 | 29' | LT | EXISTING MANHOLE | 691.41 | 686.93 | | 687.01 | 687.21 |

NOTES: *APPROX. GROUND ELEVATION
CONTRACTOR SHALL FURNISH STRUCTURES WITHOUT CONICAL RISER FOR SHALLOW CONSTRUCTION

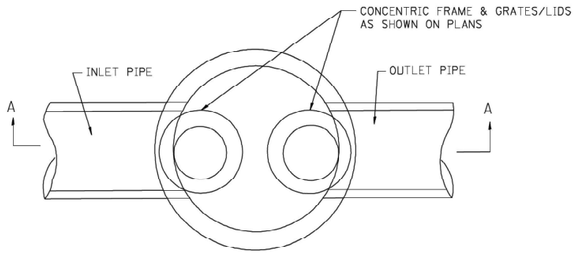
## STORM SEWER SCHEDULE

| PAYITEM NO. | PIPE NO. | PIPE DESCRIPTION | PIPE SIZE | LENGTH (FT) | SLOPE (%) | DRAWING NO. | FROM | TO STRUCTURE |
|---|---|---|---|---|---|---|---|---|
| Z0056608 | P101 | STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH | 12" | 69 | 0.29 | | S101 | S102 |
| 550A0340 | P102 | STORM SEWERS, CLASS A, TYPE 2 12" | 12" | 16 | 1.31 | | S102 | S103 |
| 550A0430 | P103 | STORM SEWERS, CLASS A, TYPE 2 30" | 30" | 95 | 0.27 | | S103 | S105 |
| Z0056620 | *P104 | STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH | 30" | 25 | 0.28 | | S105 | S106 |
| Z0056606 | *P105 | STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH | 10" | 39 | 0.64 | | S106 | S107 |
| 550A0340 | P106 | STORM SEWERS, CLASS A, TYPE 2 12" | 12" | 13 | 0.23 | | S104 | S105 |
| 550A0330 | P107 | STORM SEWERS, CLASS A, TYPE 2 10" | 10" | 12 | ±0.30 (ASSUMED) | | NORTH SEGMENT | S107 |
| 550A0340 | BLIND CONN. | STORM SEWERS, CLASS A, TYPE 2 12" | 12" | 6 | ±0.30 (ASSUMED) | | 18" MAIN | S107 |
| Z0056631 | P201 | STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH | EQ. RND. 24" | 92 | 1.47 | | S201 | S203 |
| 550A5300 | P203 | STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36" | EQ. RND. 36" | 43 | 0.93 | | S203 | S204 |
| 550A0360 | P205A | STORM SEWERS, CLASS A, TYPE 2 15" | 15" | 41 | 0.98 | | S204A | S207 |
| 550A0360 | P208 | STORM SEWERS, CLASS A, TYPE 2 15" | 15" | 68 | 2.18 | | S204 | S210 |
| Z0056610 | P209 | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH | 15" | 46 | 0.30 | | S210 | S211 |
| 550A0360 | P211 | STORM SEWERS, CLASS A, TYPE 2 15" | 15" | 41 | 0.29 | | S211 | S205B |
| 550A0360 | P214 | STORM SEWERS, CLASS A, TYPE 2 15" | 15" | 19 | 0.32 | | S207A | S207 |
| Z0056610 | *P215 | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH | 15" | 23 | 0.30 | | S204A | S204 |
| 550A0330 | P207 | STORM SEWERS, CLASS A, TYPE 2 10" | 10" | 12 | ±0.30 (ASSUMED) | | EAST SEGMENT | S204 |
| 550A0340 | P216 | STORM SEWERS, CLASS A, TYPE 2 12" | 12" | 12 | ±0.30 (ASSUMED) | | WEST SEGMENT | S203 |
| 550A0340 | P217 | STORM SEWERS, CLASS A, TYPE 2 12" | 12" | 12 | ±0.30 (ASSUMED) | | WEST SEGMENT | S201 |
| 550A0360 | P218 | STORM SEWERS, CLASS A, TYPE 2 15" | 15" | 12 | 0.72 | | NORTH SEGMENT | S201 |
| 550A0340 | P219 | STORM SEWERS, CLASS A, TYPE 2 12" | 12" | 13 | 2.83 | | END SECTION | S210 |

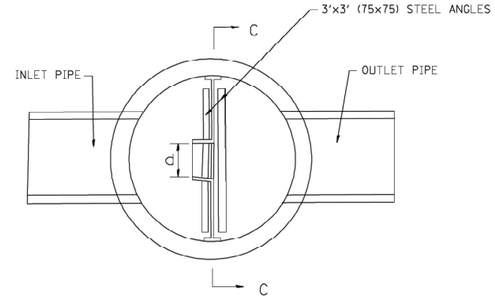
NOTES: *THESE STORM SEWER PIPES ARE SPECIFIED AS EQUIVALENT TO "WATER MAIN REQUIREMENTS" PIPES FOR THEIR THINWALLED PROPERTIES TO ALLOW FLEXIBILITY IN MANEUVERING AROUND UTILITIES TO AVOID CONFLICTS

## STRUCTURE ADJUSTMENT SCHEDULE

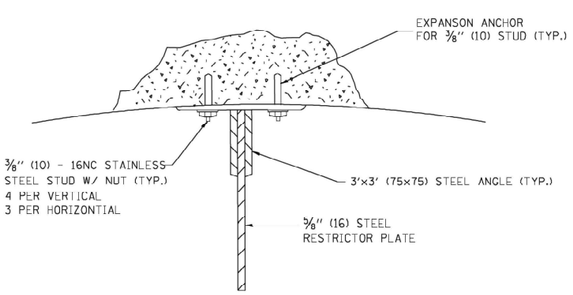
| PAY ITEM NUMBER | STATION | OFFSET | DIR. | DESCRIPTION | EXISTING RIM ELEVATION | PROPOSED RIM ELEVATION |
|---|---|---|---|---|---|---|
| X6030310 | 47+28 | 4' | LT | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) | 692.42 | 692.25 |
| 60265700 | 47+43 | 30' | RT | VALVE VAULTS TO BE ADJUSTED | 692.93 | 692.93 |
| 60265700 | 49+00 | 29' | RT | VALVE VAULTS TO BE ADJUSTED | 690.02 | 689.98 |
| X6026050 | 49+18 | 42' | LT | SANITARY MANHOLES TO BE ADJUSTED | 692.44 | 691.87 |
| X6026050 | 50+63 | 31' | LT | SANITARY MANHOLES TO BE ADJUSTED | 690.58 | 689.61 |
| 60255500 | 51+71 | 29' | LT | MANHOLES TO BE ADJUSTED | 691.41 | 690.68 |
| 60260100 | 173+87 | 25' | RT | INLETS TO BE ADJUSTED | 695.83 | 695.32 |
| 60260100 | 175+32 | 37' | RT | INLETS TO BE ADJUSTED | 692.13 | 692.44 |
| 60260100 | 175+05 | 33' | LT | INLETS TO BE ADJUSTED | 693.25 | 693.18 |
| 60250200 | 175+06 | 25' | RT | CATCH BASINS TO BE ADJUSTED | 693.07 | 693.18 |
| 60255500 | 175+05 | 34' | RT | MANHOLES TO BE ADJUSTED | 693.45 | 693.84 |
| 60255500 | 175+12 | 28' | RT | MANHOLES TO BE ADJUSTED | 693.36 | 693.55 |
| X6030310 | 176+30 | 29' | LT | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) | 689.61 | 689.72 |
| 60255500 | 177+14 | 36' | LT | MANHOLES TO BE ADJUSTED | 687.18 | 687.1 |
| X6030310 | 175+61 | 29' | RT | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) | 691.67 | 691.59 |
| X6030310 | 175+74 | 25' | RT | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) | 691.34 | 691.37 |
| X6026050 | 172+90 | 25' | LT | SANITARY MANHOLES TO BE ADJUSTED | 697.31 | 697.45 |
| X6026050 | 175+37 | 28' | LT | SANITARY MANHOLES TO BE ADJUSTED | 692.24 | 692.51 |
| X6026050 | 176+71 | 42' | LT | SANITARY MANHOLES TO BE ADJUSTED | 688.66 | 688.39 |



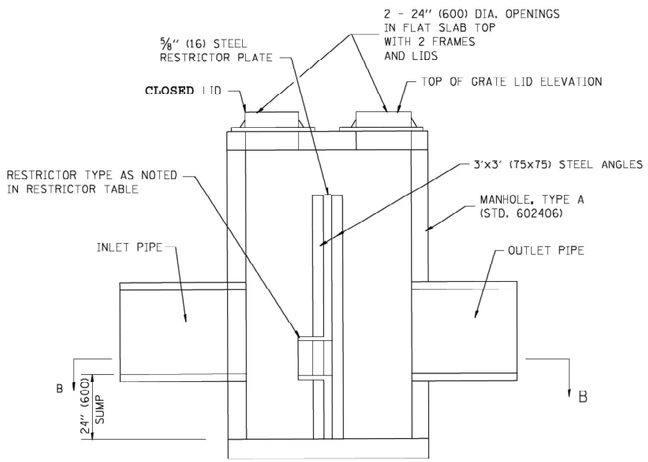

PLAN



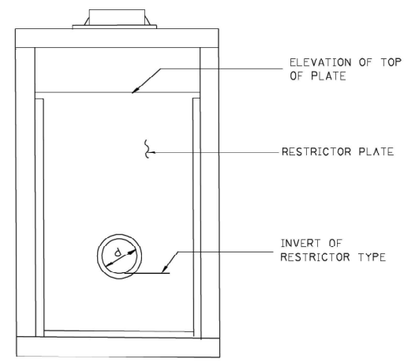

SECTION B-B




ANGLE FASTENER DETAIL



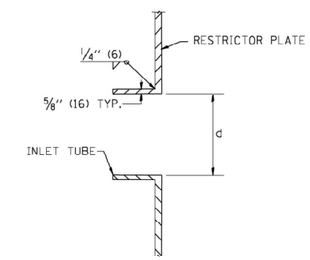

SECTION A-A



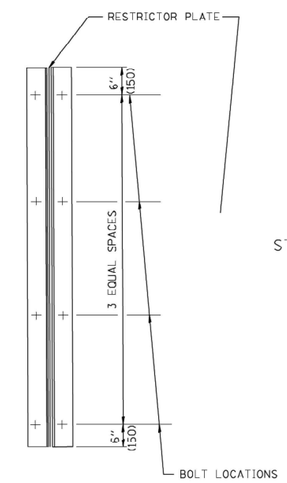

SECTION C-C

NOTES:

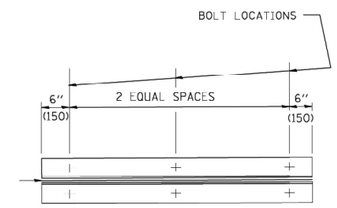
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES ,TYPE A, 6 FT. (1.8 m) DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH




INLET TUBE DETAIL




TYPICAL VERTICAL ANGLES
LOOKING TOWARD MANHOLE WALL




TYPICAL HORIZONTIAL
ANGLES LOOKING TOWARD
BOTTOM OF MANHOLE

STEEL ANGLE BOLTING DETAILS

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTIAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

| NUMBER | MANHOLE DIAMETER | FRAME AND GRATE | RESTRICTOR TYPE | INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d) | INVERT OF RESTRICTOR TYPE | ELEVATION OF TOP OF PLATE OVERFLOW | INFLOW (CFS) | OUTFLOW (CFS) |
|---|---|---|---|---|---|---|---|---|
| 1 | 6 | TYPE 1 | TUBE-1 | 6.5 | 678.85 | 680.95 | | |
| | | | | | | | | |
| | | | | | | | | |
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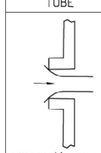
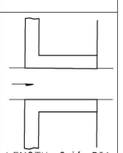
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: OUTFLOW RESTRICTED TO NOT EXCEED EXISTING PEAK FLOW.

| RESTRICTOR TYPE | |
|---|---|
| 1 | 5 |
| RE-ENTRANT TUBE | SQUARE EDGED |
|  |  |
| LENGTH: 1/2 TO 1 DIA. | LENGTH: 2-1/2 DIA. |
| C=.52 | C=.82 |

## MANHOLE WITH RESTRICTOR PLATE DETAIL

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

MODEL: Drainage Detail 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago_IL/01_Projects/DI_IDOT_Var_DEservs_PTB298_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-DrainageDetails.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MMA | REVISED - | |
| | DRAWN - MMA | REVISED - | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 03/08/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

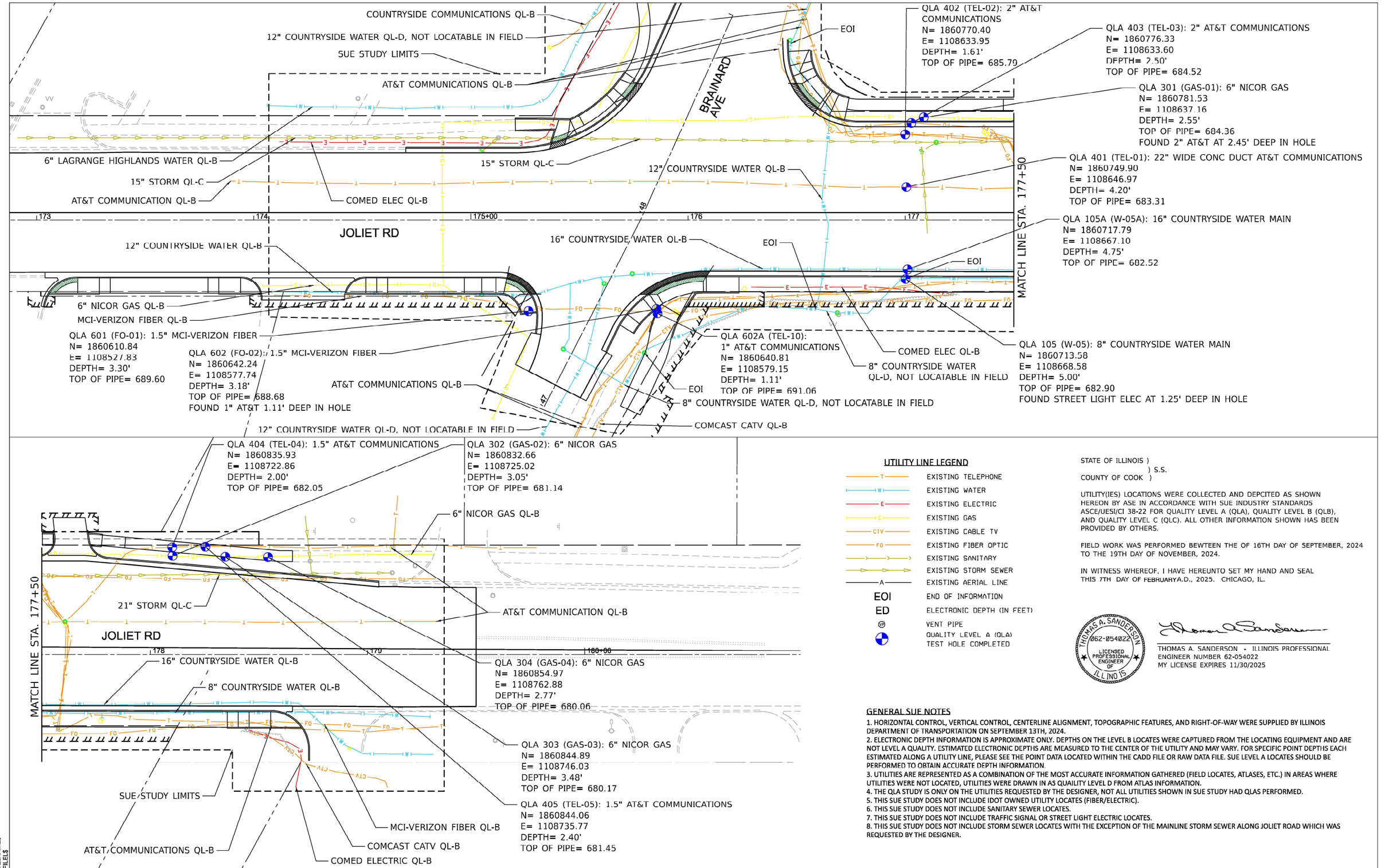
**DRAINAGE DETAIL**
**JOLIET ROAD AT BRAINARD AVENUE**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 53 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




## UTILITY LINE LEGEND

| | |
|---|---|
| T | EXISTING TELEPHONE |
| W | EXISTING WATER |
| E | EXISTING ELECTRIC |
| G | EXISTING GAS |
| CTV | EXISTING CABLE TV |
| FO | EXISTING FIBER OPTIC |
| S | EXISTING SANITARY |
| D | EXISTING STORM SEWER |
| A | EXISTING AERIAL LINE |
| EOI | END OF INFORMATION |
| ED | ELECTRONIC DEPTH (IN FEET) |
| VP | VENT PIPE |
| | QUALITY LEVEL A (QLA) TEST HOLE COMPLETED |

STATE OF ILLINOIS )
) S.S.
COUNTY OF COOK )

UTILITY(IES) LOCATIONS WERE COLLECTED AND DEPCITED AS SHOWN HEREON BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS ASCE/UESI/CI 38-22 FOR QUALITY LEVEL A (QLA), QUALITY LEVEL B (QLB), AND QUALITY LEVEL C (QLC). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BEWTEEN THE OF 16TH DAY OF SEPTEMBER, 2024 TO THE 19TH DAY OF NOVEMBER, 2024.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 7TH DAY OF FEBRUARYA.D., 2025. CHICAGO, IL.

THOMAS A. SANDERSON 062-054022 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

THOMAS A. SANDERSON - ILLINOIS PROFESSIONAL
ENGINEER NUMBER 62-054022
MY LICENSE EXPIRES 11/30/2025

## GENERAL SUE NOTES

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND RIGHT-OF-WAY WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION ON SEPTEMBER 13TH, 2024.
2. ELECTRONIC DEPTH INFORMATION IS APPROXIMATE ONLY. DEPTHS ON THE LEVEL B LOCATES WERE CAPTURED FROM THE LOCATING EQUIPMENT AND ARE NOT LEVEL A QUALITY. ESTIMATED ELECTRONIC DEPTHS ARE MEASURED TO THE CENTER OF THE UTILITY AND MAY VARY. FOR SPECIFIC POINT DEPTHS EACH ESTIMATED ALONG A UTILITY LINE, PLEASE SEE THE POINT DATA LOCATED WITHIN THE CADD FILE OR RAW DATA FILE. SUE LEVEL A LOCATES SHOULD BE PERFORMED TO OBTAIN ACCURATE DEPTH INFORMATION.
3. UTILITIES ARE REPRESENTED AS A COMBINATION OF THE MOST ACCURATE INFORMATION GATHERED (FIELD LOCATES, ATLASES, ETC.) IN AREAS WHERE UTILITIES WERE NOT LOCATED, UTILITIES WERE DRAWN IN AS QUAILITY LEVEL D FROM ATLAS INFORMATION.
4. THE QLA STUDY IS ONLY ON THE UTILITIES REQUESTED BY THE DESIGNER, NOT ALL UTILITIES SHOWN IN SUE STUDY HAD QLAS PERFORMED.
5. THIS SUE STUDY DOES NOT INCLUDE IDOT OWNED UTILITY LOCATES (FIBER/ELECTRIC).
6. THIS SUE STUDY DOES NOT INCLUDE SANITARY SEWER LOCATES.
7. THIS SUE STUDY DOES NOT INCLUDE TRAFFIC SIGNAL OR STREET LIGHT ELECTRIC LOCATES.
8. THIS SUE STUDY DOES NOT INCLUDE STORM SEWER LOCATES WITH THE EXCEPTION OF THE MAINLINE STORM SEWER ALONG JOLIET ROAD WHICH WAS REQUESTED BY THE DESIGNER.

MODEL: $MODELNAME$
FILE NAME: $FILEL$

AMERICAN SURVEYING & ENGINEERING, LTD.

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = $USER$ | DESIGNED - CM | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUE STUDY JOLIET ROAD AT BRAINARD AVEENUE | |
| | DRAWN - MM | REVISED - | | | |
| PLOT SCALE = $SCALE$ | CHECKED - TS | REVISED - | | | |
| PLOT DATE = $DATE$ | DATE - 1/3/2025 | REVISED - | | SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS STA. TO STA. |

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 54 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

## UTILITY LINE LEGEND

- EXISTING TELEPHONE
- EXISTING WATER
- EXISTING ELECTRIC
- EXISTING GAS
- EXISTING CABLE TV
- EXISTING FIBER OPTIC
- EXISTING SANITARY
- EXISTING STORM SEWER
- EXISTING AERIAL LINE
- EOI — END OF INFORMATION
- ED — ELECTRONIC DEPTH (IN FEET)
- VENT PIPE
- QUALITY LEVEL A (QLA) TEST HOLE COMPLETED

STATE OF ILLINOIS )
) S.S.
COUNTY OF COOK )

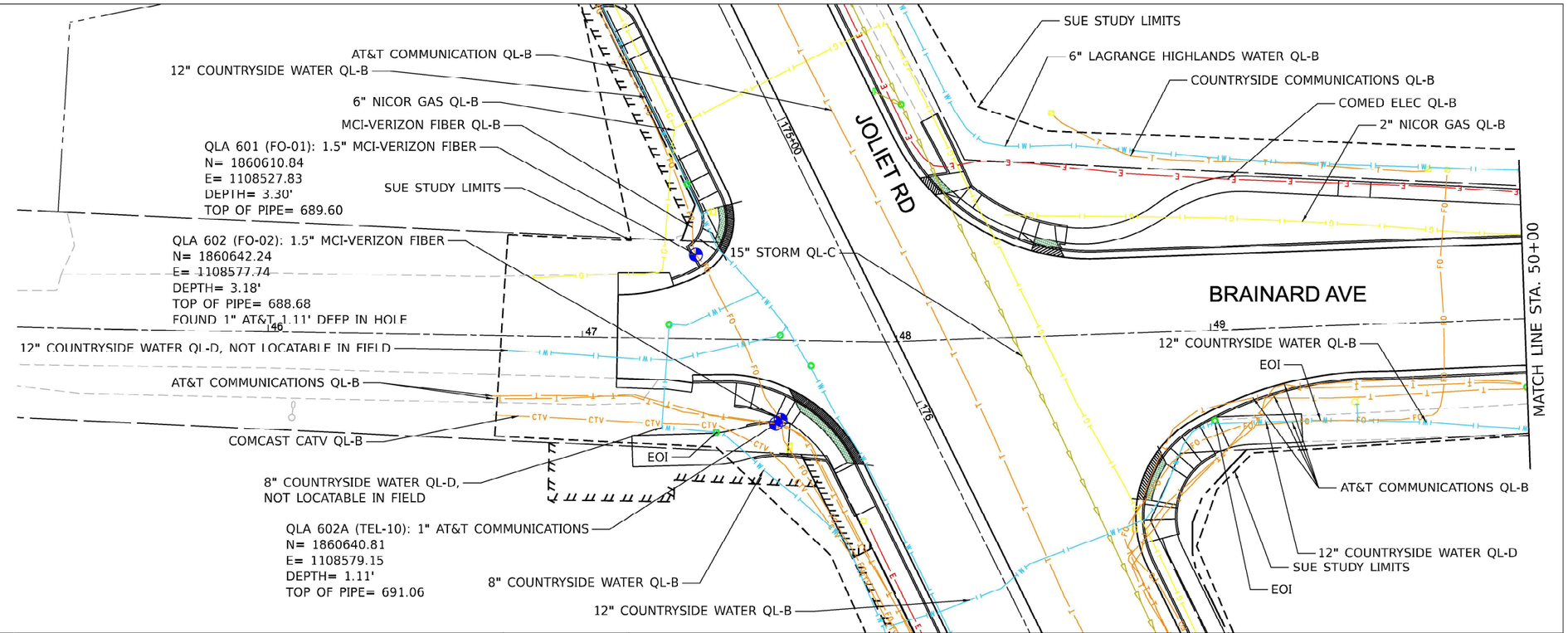
UTILITY(IES) LOCATIONS WERE COLLECTED AND DEPCITED AS SHOWN HEREON BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS ASCE/UESI/CI 38-22 FOR QUALITY LEVEL A (QLA), QUALITY LEVEL B (QLB), AND QUALITY LEVEL C (QLC). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

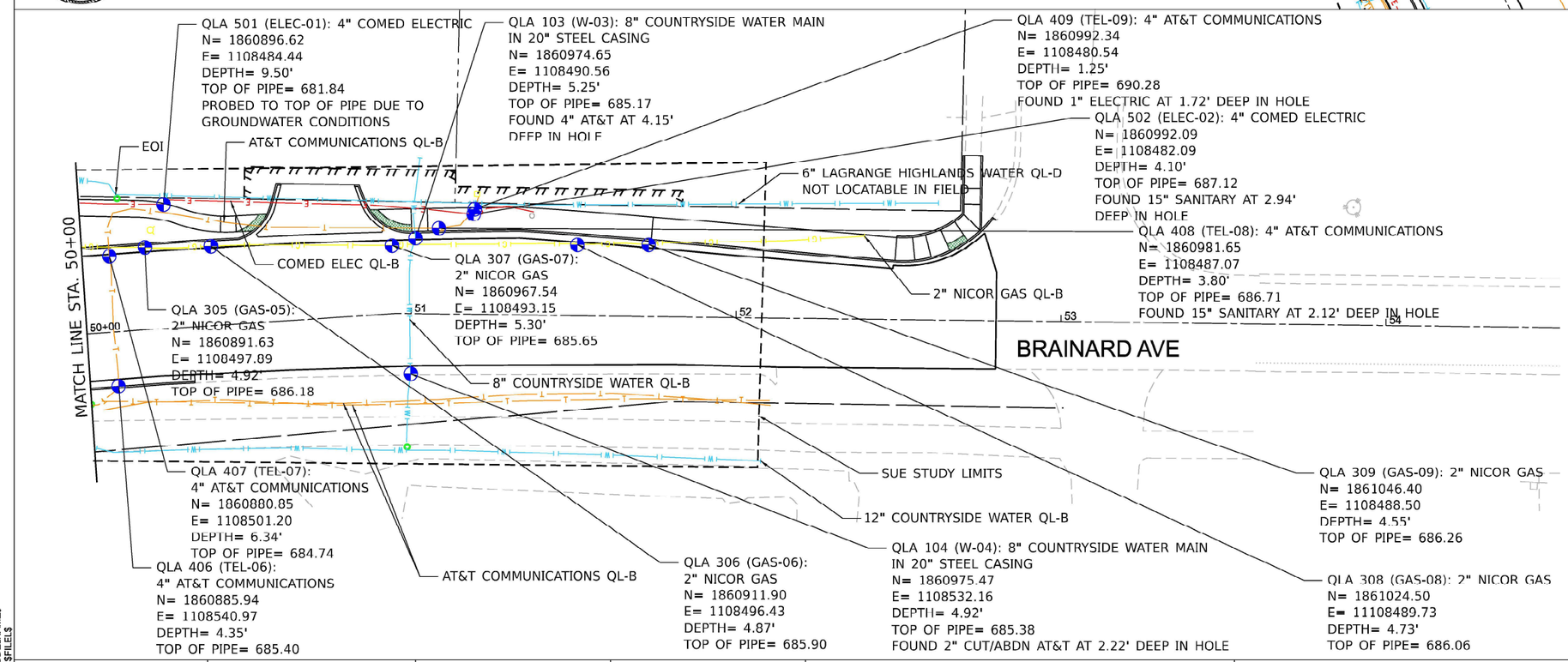
FIELD WORK WAS PERFORMED BEWTEEN THE OF 16TH DAY OF SEPTEMBER, 2024 TO THE 19TH DAY OF NOVEMBER, 2024.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 7TH DAY OF FEBRUARYA.D., 2025. CHICAGO, IL.

THOMAS A. SANDERSON 062-054022 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

THOMAS A. SANDERSON - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-054022
MY LICENSE EXPIRES 11/30/2025




## GENERAL SUE NOTES

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND RIGHT-OF-WAY WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION ON SEPTEMBER 13TH, 2024.
2. ELECTRONIC DEPTH INFORMATION IS APPROXIMATE ONLY. DEPTHS ON THE LEVEL B LOCATES WERE CAPTURED FROM THE LOCATING EQUIPMENT AND ARE NOT LEVEL A QUALITY. ESTIMATED ELECTRONIC DEPTHS ARE MEASURED TO THE CENTER OF THE UTILITY AND MAY VARY. FOR SPECIFIC POINT DEPTHS EACH ESTIMATED ALONG A UTILITY LINE, PLEASE SEE THE POINT DATA LOCATED WITHIN THE CADD FILE OR RAW DATA FILE. SUE LEVEL A LOCATES SHOULD BE PERFORMED TO OBTAIN ACCURATE DEPTH INFORMATION.
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4. THE QLA STUDY IS ONLY ON THE UTILITIES REQUESTED BY THE DESIGNER, NOT ALL UTILITIES SHOWN IN SUE STUDY HAD QLAS PERFORMED.
5. THIS SUE STUDY DOES NOT INCLUDE IDOT OWNED UTILITY LOCATES (FIBER/ELECTRIC).
6. THIS SUE STUDY DOES NOT INCLUDE SANITARY SEWER LOCATES.
7. THIS SUE STUDY DOES NOT INCLUDE TRAFFIC SIGNAL OR STREET LIGHT ELECTRIC LOCATES.
8. THIS SUE STUDY DOES NOT INCLUDE STORM SEWER LOCATES WITH THE EXCEPTION OF THE MAINLINE STORM SEWER ALONG JOLIET ROAD WHICH WAS REQUESTED BY THE DESIGNER.

MODEL: $MODELNAME$
FILE NAME: $FILEL$

AMERICAN SURVEYING & ENGINEERING, LTD.

| | | | |
|---|---|---|---|
| USER NAME = $USER$ | DESIGNED - CM | REVISED - | |
| | DRAWN - MM | REVISED - | |
| PLOT SCALE = $SCALE$ | CHECKED - TS | REVISED - | |
| PLOT DATE = $DATE$ | DATE - 1/3/2025 | REVISED - | |

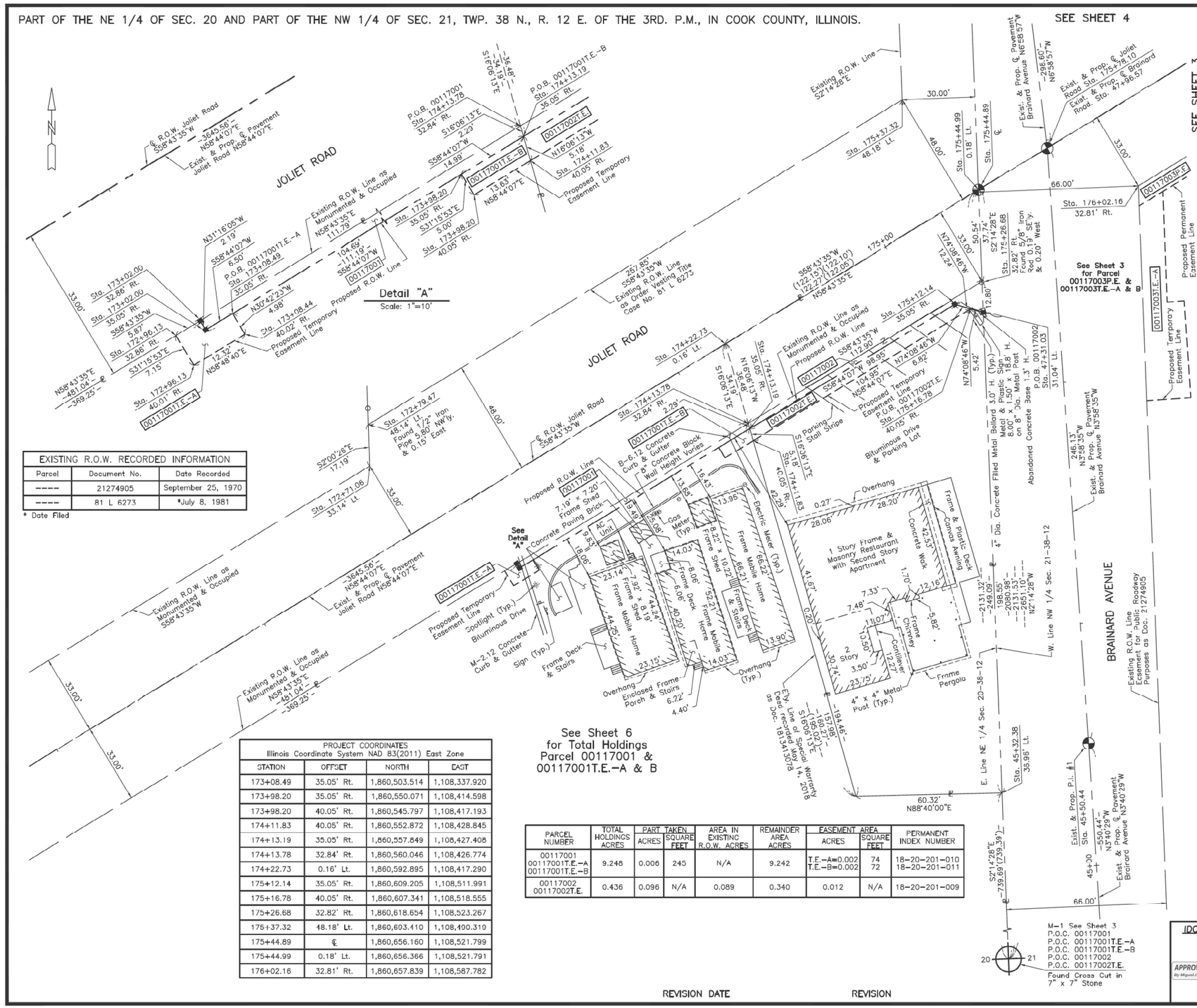
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SUE STUDY**
**JOLIET RD AT BRAINARD AVE**

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 55 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

PART OF THE NE 1/4 OF SEC. 20 AND PART OF THE NW 1/4 OF SEC. 21, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.




| EXISTING R.O.W. RECORDED INFORMATION | | |
|---|---|---|
| Parcel | Document No. | Date Recorded |
| ---- | 21274905 | September 25, 1970 |
| ---- | 81 L 6273 | *July 8, 1981 |

* Date Filed

| PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 173+08.49 | 35.05' Rt. | 1,860,503.514 | 1,108,337.920 |
| 173+98.20 | 35.05' Rt. | 1,860,550.071 | 1,108,414.598 |
| 173+98.20 | 40.05' Rt. | 1,860,545.797 | 1,108,417.193 |
| 174+11.83 | 40.05' Rt. | 1,860,552.872 | 1,108,428.845 |
| 174+13.19 | 35.05' Rt. | 1,860,557.849 | 1,108,427.408 |
| 174+13.78 | 32.84' Rt. | 1,860,560.046 | 1,108,426.774 |
| 174+22.73 | 0.16' Lt. | 1,860,592.895 | 1,108,417.290 |
| 175+12.14 | 35.05' Rt. | 1,860,609.205 | 1,108,511.991 |
| 175+16.78 | 40.05' Rt. | 1,860,607.341 | 1,108,518.555 |
| 175+26.68 | 32.82' Rt. | 1,860,618.654 | 1,108,523.267 |
| 175+37.32 | 48.18' Lt. | 1,860,603.410 | 1,108,490.319 |
| 175+44.89 | ℄ | 1,860,656.160 | 1,108,521.799 |
| 175+44.99 | 0.18' Lt. | 1,860,656.366 | 1,108,521.791 |
| 176+02.16 | 32.81' Rt. | 1,860,657.839 | 1,108,587.782 |

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | PART TAKEN SQUARE FEET | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | EASEMENT AREA SQUARE FEET | PERMANENT INDEX NUMBER |
|---|---|---|---|---|---|---|---|---|
| 00117001<br>00117001T.E.-A<br>00117001T.E.-B | 9.248 | 0.006 | 245 | N/A | 9.242 | T.E.-A=0.002<br>T.E.-B=0.002 | 74<br>72 | 18-20-201-010<br>18-20-201-011 |
| 00117002<br>00117002T.E. | 0.436 | 0.096 | N/A | 0.089 | 0.340 | 0.012 | N/A | 18-20-201-009 |

REVISION DATE REVISION

## LEGEND

SECTION CORNER (9 10 16 15)

QUARTER SECTION CORNER (16 15)

N

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
120.32' MEASURED DIMENSION
129.32'(Comp.) COMPUTED DIMENSION
(129.32') RECORD DIMENSION
EXISTING BUILDING

0 20' 40'
SCALE: 1"=20'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND
⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET
● 5/8" REBAR SET
■ ***STAKING OF PROPOSED RIGHT OF WAY.*** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M ***STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.*** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T STD 667101-02 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 20, TOWNSHIP 38N., RANGE 12E. AND SECTION 21, TOWNSHIP 38N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999650758.

| PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 45+32.38 | 36.96' Lt. | 1,860,407.466 | 1,108,531.531 |
| 47+31.03 | 31.04' Lt. | 1,860,605.861 | 1,108,523.767 |
| 172+71.06 | 33.14' Lt. | 1,860,542.370 | 1,108,270.539 |
| 172+79.47 | 48.14' Lt. | 1,860,559.553 | 1,108,269.937 |
| 172+96.13 | 32.86' Rt. | 1,860,498.968 | 1,108,326.214 |
| 172+96.13 | 40.01' Rt. | 1,860,492.856 | 1,108,329.926 |
| 173+02.00 | 32.86' Rt. | 1,860,502.014 | 1,108,331.230 |
| 173+02.00 | 35.05' Rt. | 1,860,500.143 | 1,108,332.366 |
| 173+08.44 | 40.02' Rt. | 1,860,499.234 | 1,108,340.462 |


*JORGENSEN & ASSOCIATES, INC.*
*120 PARK AVENUE*
*LAKE VILLA, ILLINOIS 60046*
*(847) 356-3371*


# PLAT OF HIGHWAYS
## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION
### JOLIET ROAD

LIMITS: AT BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-001-17
STATION 45+00 TO STATION 49+00
STATION 171+00 TO STATION 177+00
SCALE: 1"=20' SHEET 2 OF 7

IDOT USE ONLY

APPROVED
By Miguel.Carcamo at 10:55 am, Dec 07, 2023

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: ROW Plat-1 [Street]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-35/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB28_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-row.dgn

Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | DRAWN - | REVISED - | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - | |

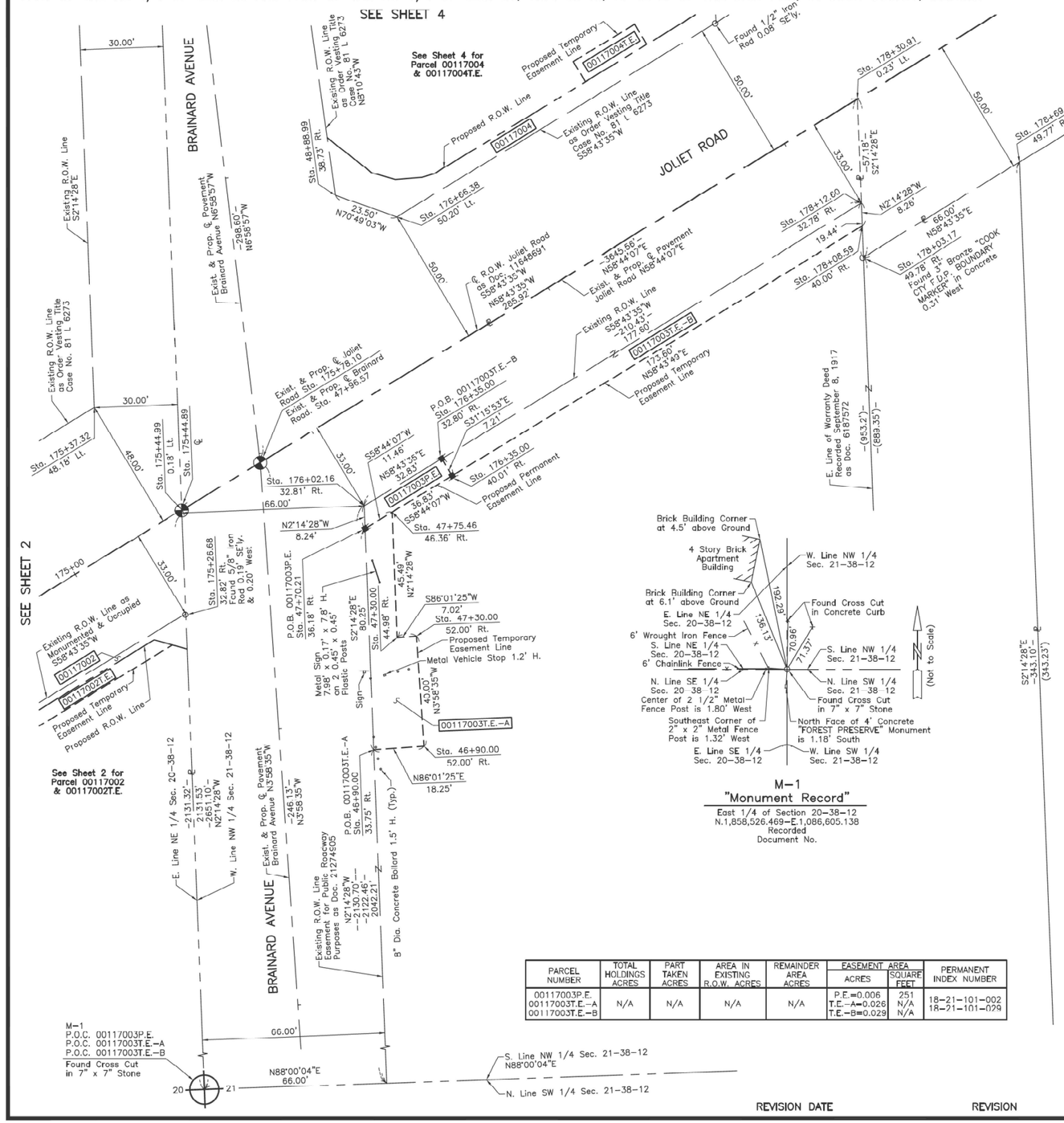
PLAT OF HIGHWAYS
JOLIET ROAD AT BRAINARD AVENUE

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 56 |

CONTRACT NO. 62B64
ILLINOIS FED. AID PROJECT

PART OF THE NE 1/4 OF SEC. 20 AND PART OF THE NW 1/4 OF SEC. 21, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.




M-1
"Monument Record"
East 1/4 of Section 20-38-12
N.1,858,526.469-E.1,086,605.138
Recorded
Document No.

| EXISTING R.O.W. RECORDED INFORMATION | | |
|---|---|---|
| Parcel | Document No. | Date Recorded |
| 00117003 | 11648691 | July 12, 1935 |
| 00117003 | 21274905 | September 25, 1970 |
| ---- | 18117052 | March 23, 1961 |
| ---- | 81 L 6273 | *July 8, 1981 |

* Date Filed

STALFORD'S COUNTRY SIDE ESTATES
Recorded March 23, 1961
as Document No. 18117052

4

## LEGEND

SECTION CORNER (9 10 16 15)
QUARTER SECTION CORNER (16 15)

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
120.32' MEASURED DIMENSION
129.32'(Comp.) COMPUTED DIMENSION
(129.32') RECORD DIMENSION
EXISTING BUILDING

N

0 20' 40'
SCALE: 1"=20'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND
⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET
● 5/8" REBAR SET
■ ***STAKING OF PROPOSED RIGHT OF WAY.*** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M ***STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.*** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T STD 667101-02 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 20, TOWNSHIP 38N., RANGE 12E. AND SECTION 21, TOWNSHIP 38N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999650758.

| PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 175+44.89 | ℄ | 1,860,656.160 | 1,108,521.799 |
| 175+44.99 | 0.18' Lt. | 1,860,656.366 | 1,108,521.791 |
| 176+02.16 | 32.81' Rt. | 1,860,657.839 | 1,108,587.782 |
| 176+35.00 | 32.80' Rt. | 1,860,674.884 | 1,108,615.844 |
| 176+35.00 | 40.01' Rt. | 1,860,668.724 | 1,108,619.584 |
| 176+66.38 | 50.20' Lt. | 1,860,762.118 | 1,108,599.589 |
| 178+03.17 | 49.78' Rt. | 1,860,747.654 | 1,108,768.401 |
| 178+08.59 | 40.00' Rt. | 1,860,758.832 | 1,108,767.964 |
| 178+12.60 | 32.78' Rt. | 1,860,767.082 | 1,108,767.641 |
| 178+30.91 | 0.23' Lt. | 1,860,804.795 | 1,108,766.165 |
| 178+69.16 | 49.77' Rt. | 1,860,781.916 | 1,108,824.809 |

| PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 46+90.00 | 33.75' Rt. | 1,860,569.424 | 1,108,591.241 |
| 46+90.00 | 52.00' Rt. | 1,860,570.689 | 1,108,609.451 |
| 47+30.00 | 44.98' Rt. | 1,860,610.106 | 1,108,599.677 |
| 47+30.00 | 52.00' Rt. | 1,860,610.593 | 1,108,606.677 |
| 47+70.21 | 36.18' Rt. | 1,860,649.610 | 1,108,588.104 |
| 47+75.46 | 46.36' Rt. | 1,860,655.557 | 1,108,597.898 |
| 48+88.99 | 38.73' Rt. | 1,860,769.839 | 1,108,577.394 |
| 175+26.68 | 32.82' Rt. | 1,860,618.654 | 1,108,523.267 |
| 175+37.32 | 48.18' Lt. | 1,860,693.410 | 1,108,490.319 |


*JORGENSEN & ASSOCIATES, INC.*
*120 PARK AVENUE*
*LAKE VILLA, ILLINOIS 60046*
*(847) 356-3371*


| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | EASEMENT AREA SQUARE FEET | PERMANENT INDEX NUMBER |
|---|---|---|---|---|---|---|---|
| 00117003P.E.<br>00117003T.E.-A<br>00117003T.E.-B | N/A | N/A | N/A | N/A | P.E.=0.006<br>T.E.-A=0.026<br>T.E.-B=0.029 | 251<br>N/A<br>N/A | 18-21-101-002<br>18-21-101-029 |

# PLAT OF HIGHWAYS
## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION
JOLIET ROAD

LIMITS: AT BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-001-17
STATION 46+00 TO STATION 50+00
STATION 175+00 TO STATION 179+00
SCALE: 1"=20' SHEET 3 OF 7

IDOT USE ONLY

APPROVED
By: Miguel.Coreano at 10:56 am, Dec 07, 2023

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE REVISION

MODEL: ROW Plat-2 [Street]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago_IL/01_Projects/01_IDOT_Var_DEserrs_PTB238_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-row.dgn

Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

| | | |
|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

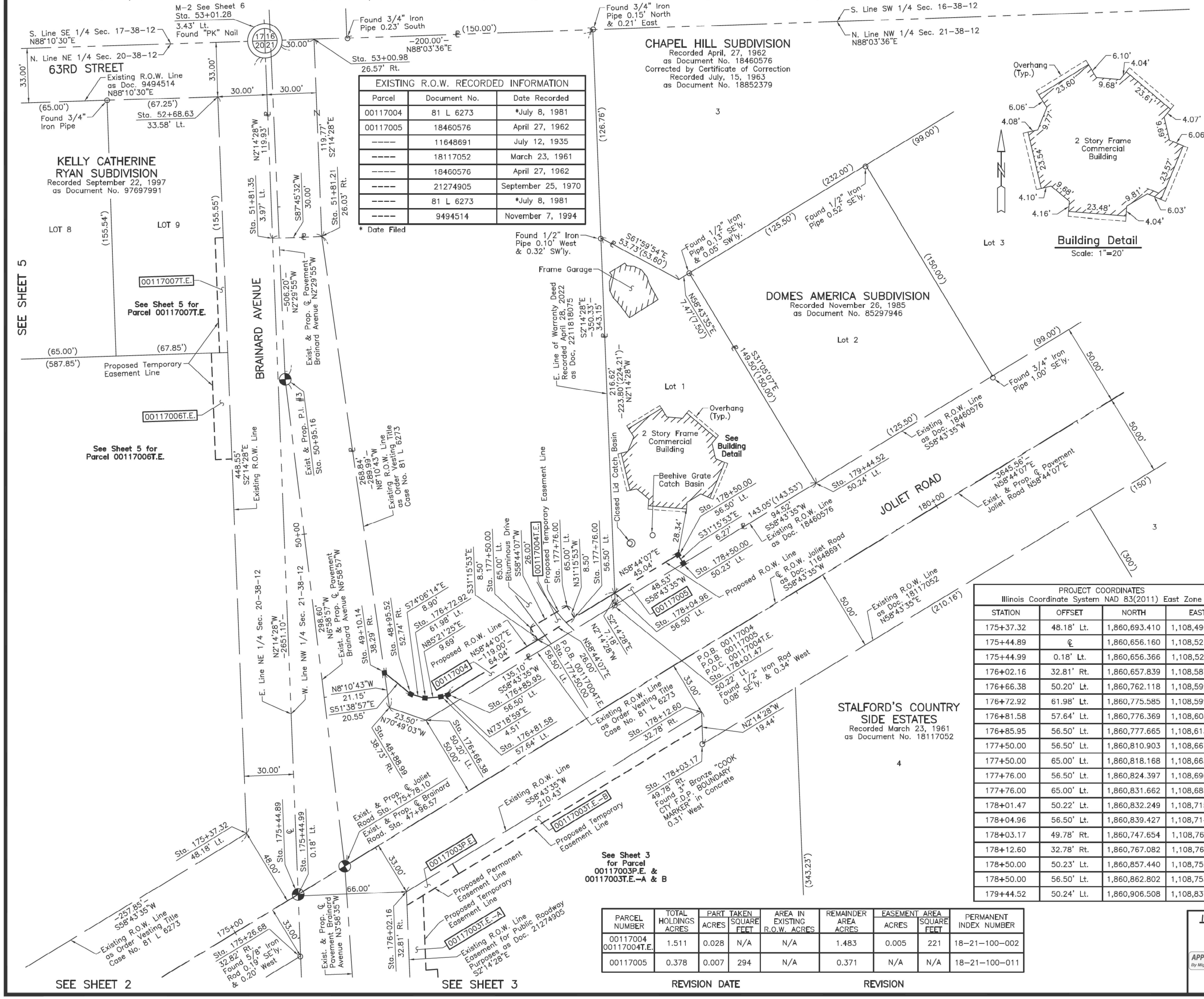
PLAT OF HIGHWAYS
JOLIET ROAD AT BRAINARD AVENUE

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 57 |

CONTRACT NO. 62B64
ILLINOIS FED. AID PROJECT

PART OF THE NE 1/4 OF SEC. 20 AND PART OF THE NW 1/4 OF SEC. 21, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



| EXISTING R.O.W. RECORDED INFORMATION | | |
|---|---|---|
| Parcel | Document No. | Date Recorded |
| 00117004 | 81 L 6273 | *July 8, 1981 |
| 00117005 | 18460576 | April 27, 1962 |
| ---- | 11648691 | July 12, 1935 |
| ---- | 18117052 | March 23, 1961 |
| ---- | 18460576 | April 27, 1962 |
| ---- | 21274905 | September 25, 1970 |
| ---- | 81 L 6273 | *July 8, 1981 |
| ---- | 9494514 | November 7, 1994 |

* Date Filed

## LEGEND

SECTION CORNER
QUARTER SECTION CORNER
SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APL APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
AC EXISTING ACCESS CONTROL LINE
AC PROPOSED ACCESS CONTROL LINE
120.32' MEASURED DIMENSION
129.32'(Comp.) COMPUTED DIMENSION
(129.32') RECORD DIMENSION
▨ EXISTING BUILDING

0 30' 60'
SCALE: 1"=30'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

| | | | |
|---|---|---|---|
| ○ | IRON PIPE OR ROD FOUND | ⊕ | "MAG" NAIL SET |
| + | CUT CROSS FOUND OR SET | ● | 5/8" REBAR SET |

■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊕ PERMANENT SURVEY MARKER, I.D.O.T STD 667101-02 (TO BE SET BY OTHERS)

☐ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS )
)SS
COUNTY OF LAKE )

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 20, TOWNSHIP 38N., RANGE 12E. AND SECTION 21, TOWNSHIP 38N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ______ DAY OF ____________ 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999650758.

| PROJECT COORDINATES<br>Illinois Coordinate System NAD 83(2011) East Zone | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 175+37.32 | 48.18' Lt. | 1,860,693.410 | 1,108,490.319 |
| 175+44.89 | ℄ | 1,860,656.160 | 1,108,521.799 |
| 175+44.99 | 0.18' Lt. | 1,860,656.366 | 1,108,521.791 |
| 176+02.16 | 32.81' Rt. | 1,860,657.839 | 1,108,587.782 |
| 176+66.38 | 50.20' Lt. | 1,860,762.118 | 1,108,599.589 |
| 176+72.92 | 61.98' Lt. | 1,860,775.585 | 1,108,599.066 |
| 176+81.58 | 57.64' Lt. | 1,860,776.369 | 1,108,608.729 |
| 176+85.95 | 56.50' Lt. | 1,860,777.665 | 1,108,613.054 |
| 177+50.00 | 56.50' Lt. | 1,860,810.903 | 1,108,667.795 |
| 177+50.00 | 65.00' Lt. | 1,860,818.168 | 1,108,663.384 |
| 177+76.00 | 56.50' Lt. | 1,860,824.397 | 1,108,690.020 |
| 177+76.00 | 65.00' Lt. | 1,860,831.662 | 1,108,685.608 |
| 178+01.47 | 50.22' Lt. | 1,860,832.249 | 1,108,715.054 |
| 178+04.96 | 56.50' Lt. | 1,860,839.427 | 1,108,714.774 |
| 178+03.17 | 49.78' Rt. | 1,860,747.654 | 1,108,768.401 |
| 178+12.60 | 32.78' Rt. | 1,860,767.082 | 1,108,767.641 |
| 178+50.00 | 50.23' Lt. | 1,860,857.440 | 1,108,756.529 |
| 178+50.00 | 56.50' Lt. | 1,860,862.802 | 1,108,753.273 |
| 179+44.52 | 50.24' Lt. | 1,860,906.508 | 1,108,837.316 |

| PROJECT COORDINATES<br>Illinois Coordinate System NAD 83(2011) East Zone | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 48+88.99 | 38.73' Rt. | 1,860,769.839 | 1,108,577.394 |
| 48+95.52 | 52.74' Rt. | 1,860,778.023 | 1,108,590.504 |
| 49+10.14 | 38.29' Rt. | 1,860,790.776 | 1,108,574.385 |
| 51+81.21 | 26.03' Rt. | 1,861,056.879 | 1,108,536.140 |
| 51+81.35 | 3.97' Lt. | 1,861,055.706 | 1,108,506.164 |
| 52+68.63 | 33.58' Lt. | 1,861,141.613 | 1,108,472.780 |
| 53+00.98 | 26.57' Rt. | 1,861,176.558 | 1,108,531.457 |
| 53+01.28 | 3.43' Lt. | 1,861,175.543 | 1,108,501.474 |
| 175+26.68 | 32.82' Rt. | 1,860,618.654 | 1,108,523.267 |

*JORGENSEN & ASSOCIATES, INC.*
*120 PARK AVENUE*
*LAKE VILLA, ILLINOIS 60046*
*(847) 356-3371*

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN | | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA | | PERMANENT INDEX NUMBER |
|---|---|---|---|---|---|---|---|---|
| | | ACRES | SQUARE FEET | | | ACRES | SQUARE FEET | |
| 00117004<br>00117004T.E. | 1.511 | 0.028 | N/A | N/A | 1.483 | 0.005 | 221 | 18-21-100-002 |
| 00117005 | 0.378 | 0.007 | 294 | N/A | 0.371 | N/A | N/A | 18-21-100-011 |

REVISION DATE REVISION

IDOT USE ONLY

APPROVED
By Miguel.Coreano at 10:55 am, Dec 07, 2023

# PLAT OF HIGHWAYS
## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION
JOLIET ROAD

LIMITS: AT BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-001-17
STATION 47+00 TO STATION 54+00
STATION 175+00 TO STATION 181+00
SCALE: 1"=30' SHEET 4 OF 7

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: ROW Plat-3 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-row.dgn

Michael Baker
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - |

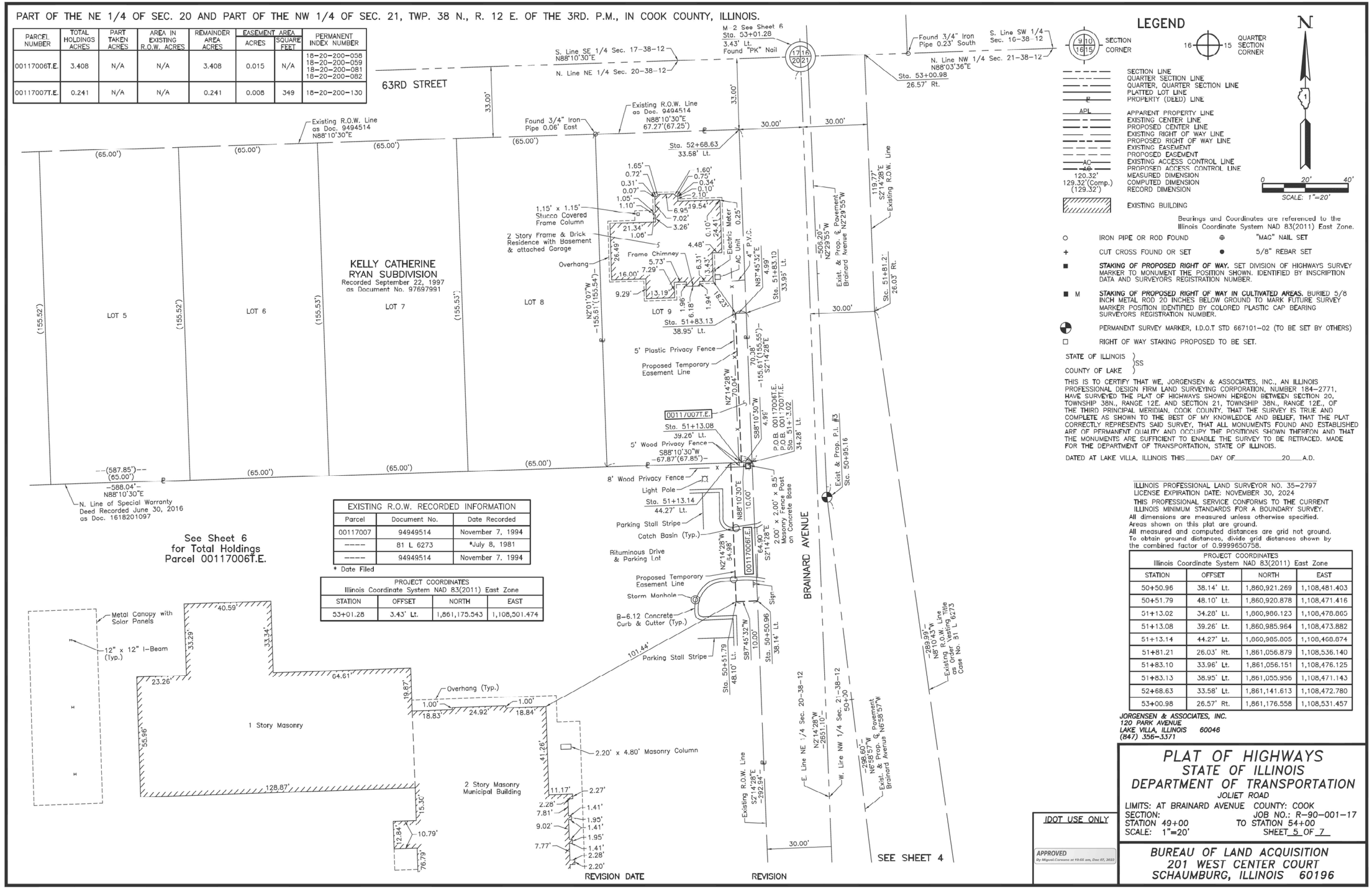
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
JOLIET ROAD AT BRAINARD AVENUE
SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 58 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |

PART OF THE NE 1/4 OF SEC. 20 AND PART OF THE NW 1/4 OF SEC. 21, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | EASEMENT AREA SQUARE FEET | PERMANENT INDEX NUMBER |
|---|---|---|---|---|---|---|---|
| 00117006T.E. | 3.408 | N/A | N/A | 3.408 | 0.015 | N/A | 18-20-200-058<br>18-20-200-059<br>18-20-200-081<br>18-20-200-082 |
| 00117007T.E. | 0.241 | N/A | N/A | 0.241 | 0.008 | 349 | 18-20-200-130 |




| EXISTING R.O.W. RECORDED INFORMATION | | |
|---|---|---|
| Parcel | Document No. | Date Recorded |
| 00117007 | 94949514 | November 7, 1994 |
| ---- | 81 L 6273 | *July 8, 1981 |
| ---- | 94949514 | November 7, 1994 |

* Date Filed

| PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 53+01.28 | 3.43' Lt. | 1,861,175.543 | 1,108,501.474 |

## LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
120.32' MEASURED DIMENSION
129.32'(Comp.) COMPUTED DIMENSION
(129.32') RECORD DIMENSION
EXISTING BUILDING

N

SCALE: 1"=20'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND
⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET
● 5/8" REBAR SET
■ ***STAKING OF PROPOSED RIGHT OF WAY.*** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M ***STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.*** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
PERMANENT SURVEY MARKER, I.D.O.T STD 667101-02 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS )
)SS
COUNTY OF LAKE )

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 20, TOWNSHIP 38N., RANGE 12E. AND SECTION 21, TOWNSHIP 38N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground.
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999650758.

| PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 50+50.96 | 38.14' Lt. | 1,860,921.269 | 1,108,481.403 |
| 50+51.79 | 48.10' Lt. | 1,860,920.878 | 1,108,471.416 |
| 51+13.02 | 34.28' Lt. | 1,860,986.123 | 1,108,478.865 |
| 51+13.08 | 39.26' Lt. | 1,860,985.964 | 1,108,473.882 |
| 51+13.14 | 44.27' Lt. | 1,860,985.805 | 1,108,468.874 |
| 51+81.21 | 26.03' Rt. | 1,861,056.879 | 1,108,536.140 |
| 51+83.10 | 33.96' Lt. | 1,861,056.151 | 1,108,476.125 |
| 51+83.13 | 38.95' Lt. | 1,861,055.956 | 1,108,471.143 |
| 52+68.63 | 33.58' Lt. | 1,861,141.613 | 1,108,472.780 |
| 53+00.98 | 26.57' Rt. | 1,861,176.558 | 1,108,531.457 |


*JORGENSEN & ASSOCIATES, INC.*
*120 PARK AVENUE*
*LAKE VILLA, ILLINOIS 60046*
*(847) 356-3371*


# PLAT OF HIGHWAYS
## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION
### JOLIET ROAD

LIMITS: AT BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-001-17
STATION 49+00 TO STATION 54+00
SCALE: 1"=20' SHEET 5 OF 7

IDOT USE ONLY

APPROVED
By Miguel.Corzano at 10:55 am, Dec 07, 2023

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE REVISION

MODEL: ROW Plat-4 [Street]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-33/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-row.dgn


Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - | |

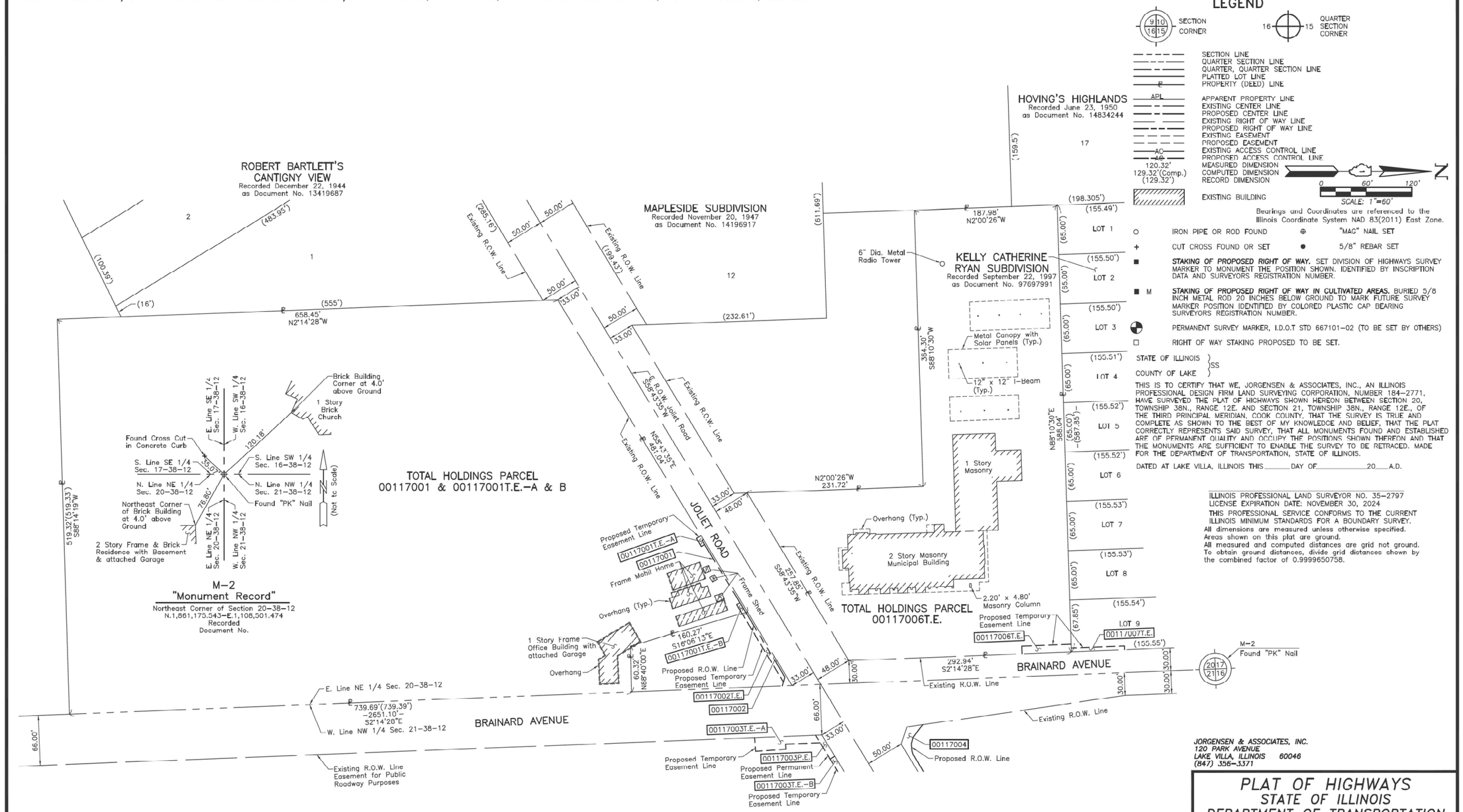
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAT OF HIGHWAYS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 59 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS FED. AID PROJECT | | |

PART OF THE NE 1/4 OF SEC. 20 AND PART OF THE NW 1/4 OF SEC. 21, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.




## LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION 120.32'
COMPUTED DIMENSION 129.32'(Comp.)
RECORD DIMENSION (129.32')
EXISTING BUILDING

SCALE: 1"=60'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

IRON PIPE OR ROD FOUND — "MAG" NAIL SET
CUT CROSS FOUND OR SET — 5/8" REBAR SET

***STAKING OF PROPOSED RIGHT OF WAY.*** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

M ***STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.*** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T STD 667101-02 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 20, TOWNSHIP 38N., RANGE 12E. AND SECTION 21, TOWNSHIP 38N., RANGE 12E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
All dimensions are measured unless otherwise specified.
Areas shown on this plat are ground.
All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999650758.

*JORGENSEN & ASSOCIATES, INC.*
*120 PARK AVENUE*
*LAKE VILLA, ILLINOIS 60046*
*(847) 356-3371*

# PLAT OF HIGHWAYS
## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION
*JOLIET ROAD*

LIMITS: AT BRAINARD AVENUE COUNTY: COOK
SECTION: JOB NO.: R-90-001-17
STATION NONE TO STATION
SCALE: 1"=60' SHEET 6 OF 7

IDOT USE ONLY

APPROVED
By: Miguel.Corcoano at 10:55 am, Dec 07, 2023

*BUREAU OF LAND ACQUISITION*
*201 WEST CENTER COURT*
*SCHAUMBURG, ILLINOIS 60196*

REVISION DATE REVISION

MODEL: ROW Plat-5 [Street]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago IL/01_Projects/01_IDOT_Var_DEserts_PTB228_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-row.dgn

Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| PLOT SCALE = 0.100000000 ' / in. | CHECKED - | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - | |

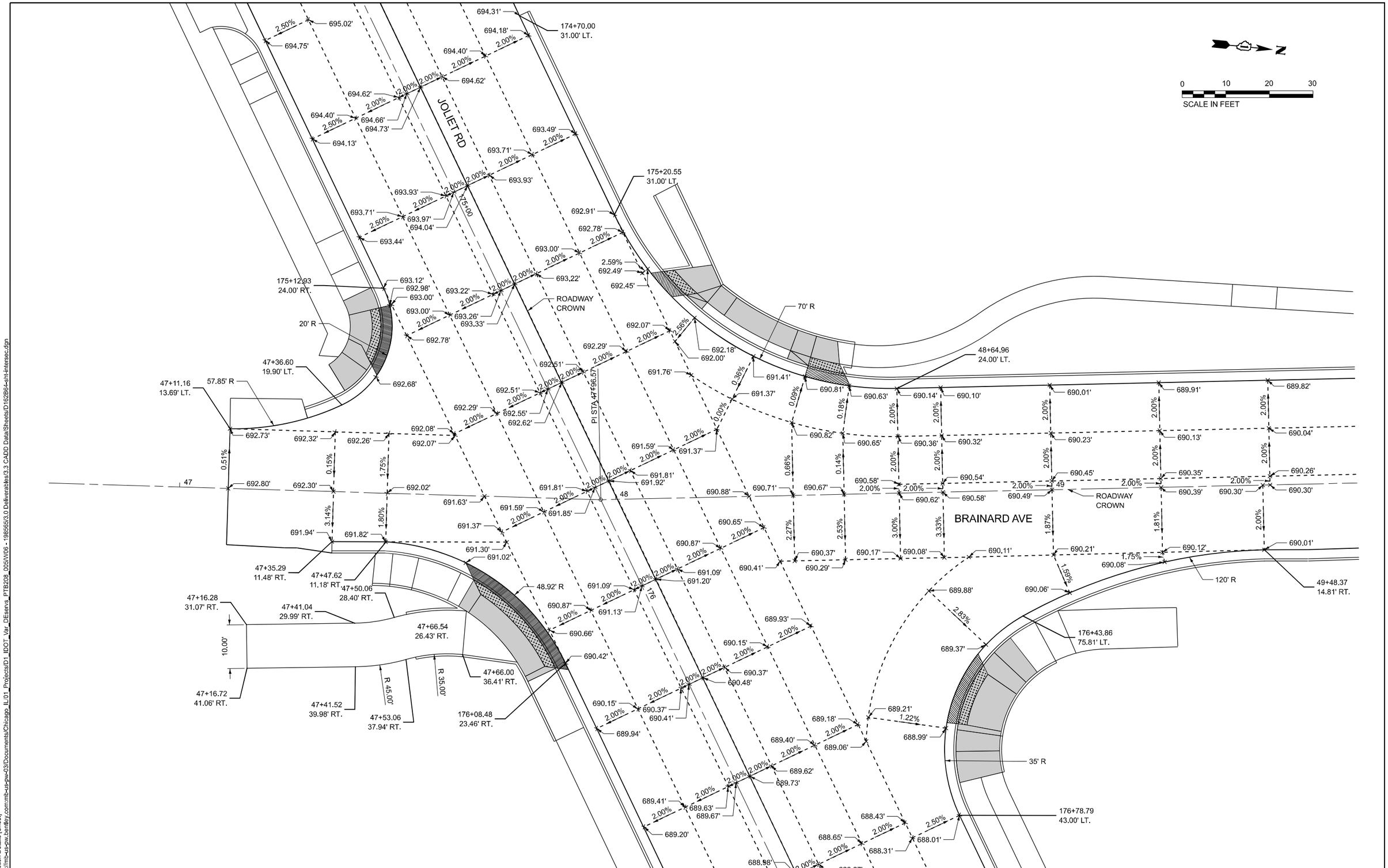
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAT OF HIGHWAYS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 60 |

CONTRACT NO. 62B64
ILLINOIS FED. AID PROJECT




MODEL: Intersection Details [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 1985553.0 Deliverables/3.3 CADD Data/Sheets/D162B64-int-intersec.dgn


Michael Baker
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-6770 · MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

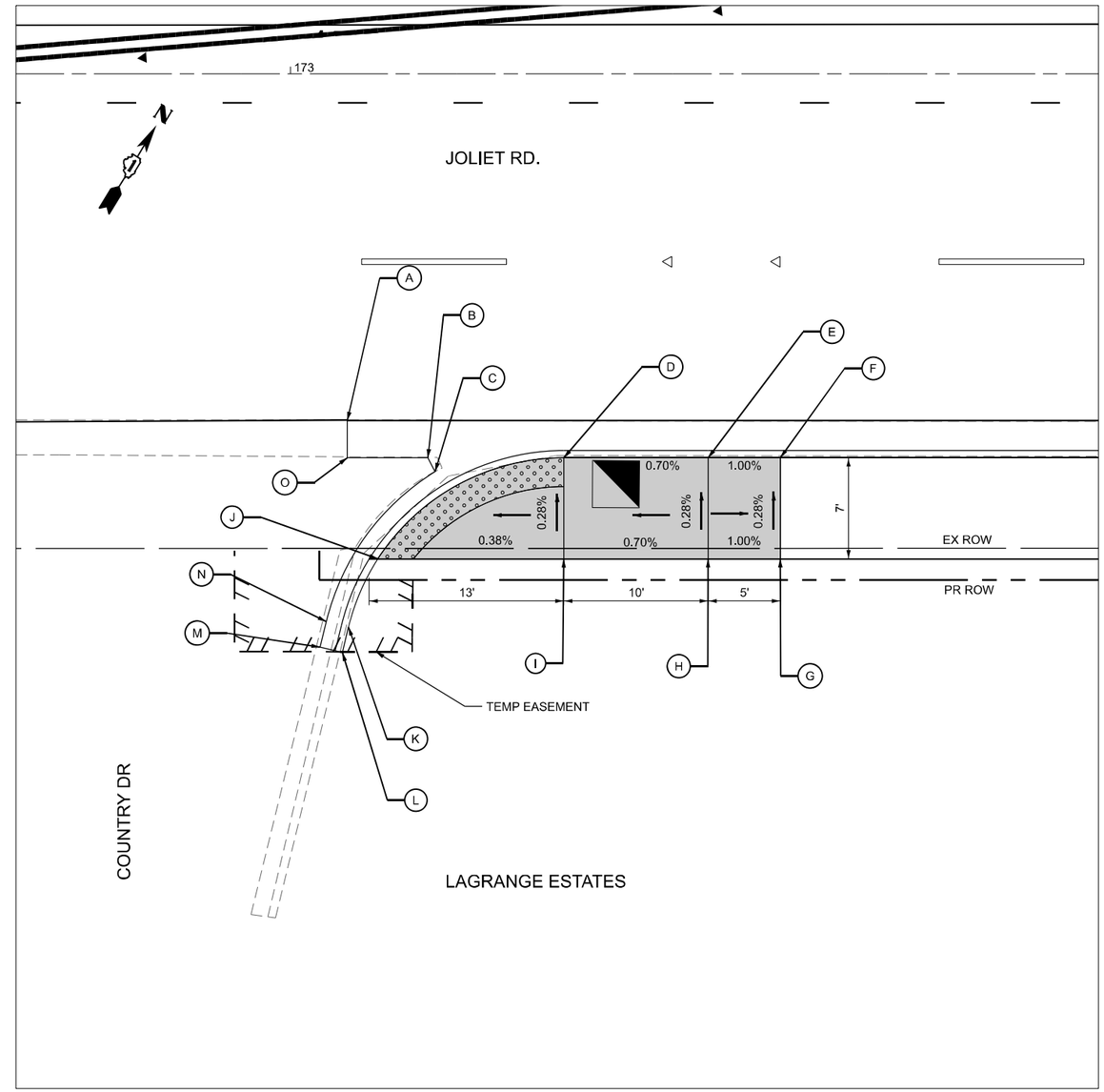
# INTERSECTION DETAILS
## JOLIET ROAD AT BRAINARD AVENUE

SCALE: 1"=10' | SHEET 1 OF 1 SHEETS | STA. 46+70.00 TO STA. 49+70.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 61 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




| | STATION | OFFSET | ELEVATION | | STATION | OFFSET | ELEVATION |
|---|---|---|---|---|---|---|---|
| A | 173+03.95 | 24.00' RT | 696.99 | I | 173+18.95 | 33.58' RT | 697.13 |
| B | 173+09.54 | 26.58' RT | 696.94 | J | 173+06.06 | 33.58' RT | 697.06 |
| C | 173+10.03 | 27.53' RT | 696.95 | K | 173+04.03 | 38.30' RT | 697.53 |
| D | 173+18.95 | 26.58' RT | 697.11 | L | 173+03.61 | 40.06' RT | 697.49 |
| E | 173+28.95 | 26.58' RT | 697.18 | M | 173+02.07 | 39.69' RT | 697.07 |
| F | 173+33.95 | 26.58' RT | 697.13 | N | 173+02.49 | 37.93' RT | 697.11 |
| G | 173+33.95 | 33.58' RT | 697.15 | O | 173+03.95 | 33.58' RT | 697.01 |
| H | 173+28.95 | 33.58' RT | 697.20 | | | | |

LEGEND

PROPOSED SIDEWALK RAMP

DETECTABLE WARNINGS

SIDE CURB

(XXX.XX) EXISTING

0 5 10

SCALE IN FEET

MODEL: ADA Detail 1 [Sheet]
FILE NAME: pw://mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ADA

Michael Baker
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - WJT | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

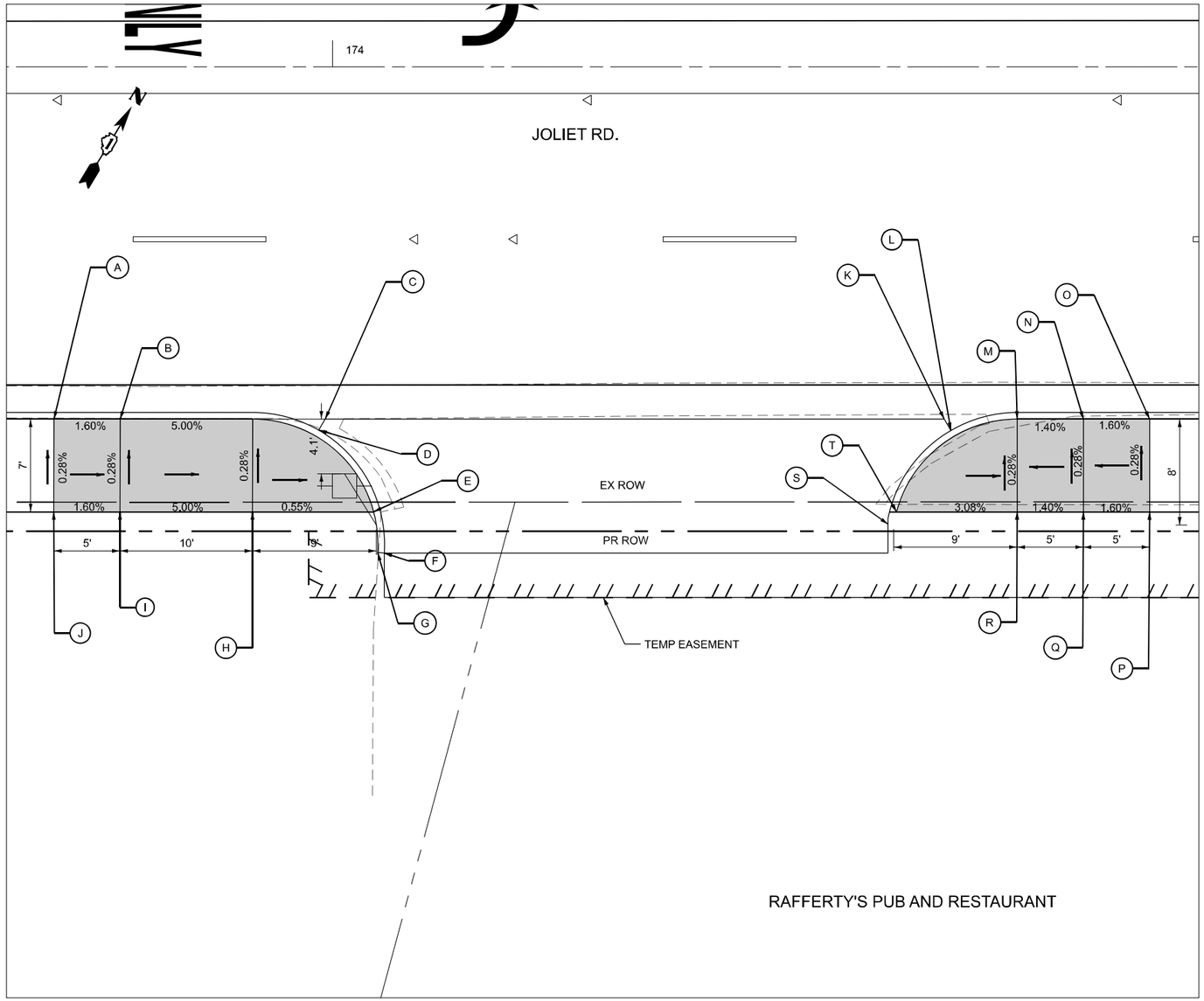
**ADA DETAILS**
**JOLIET ROAD AT BRAINARD AVENUE**

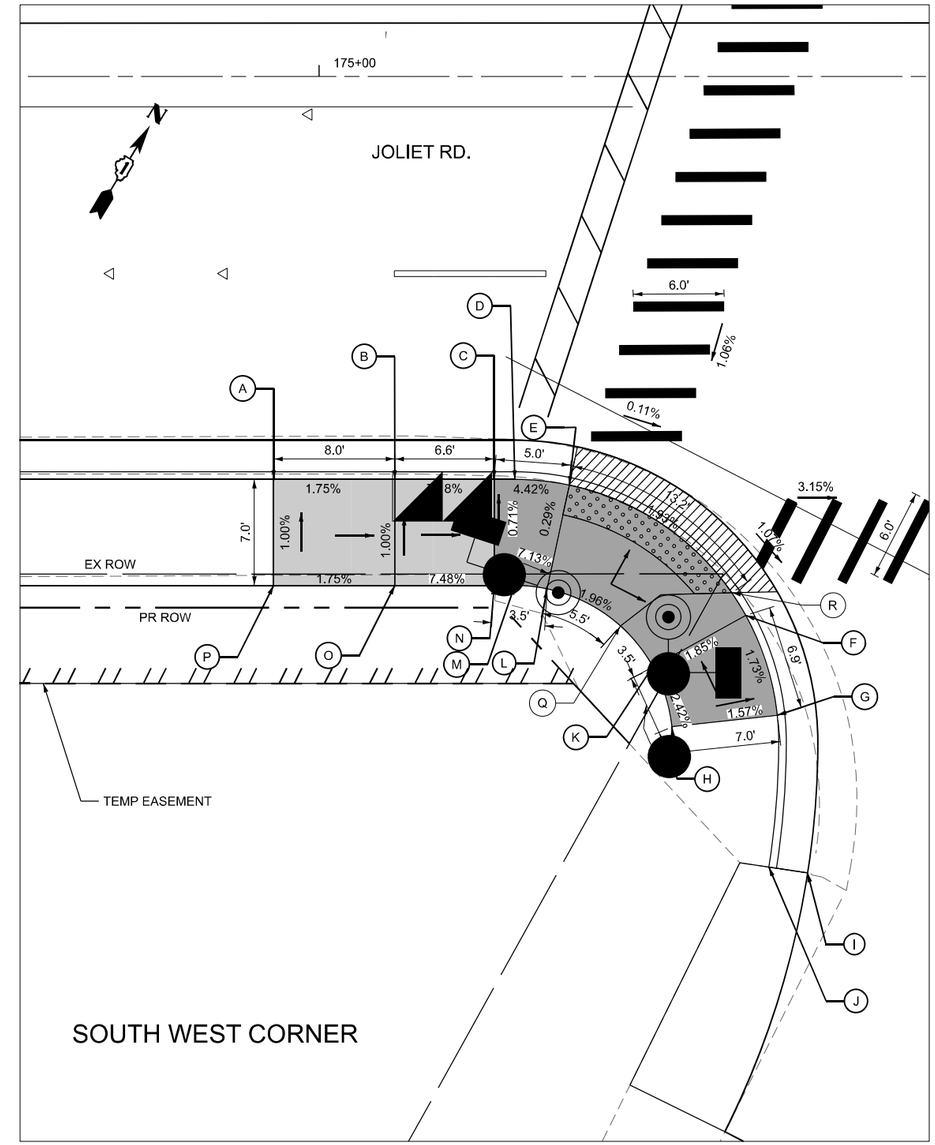
SCALE: 1"=5' | SHEET 1 OF 6 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 62 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




| | STATION | OFFSET | ELEVATION | | STATION | OFFSET | ELEVATION |
|---|---|---|---|---|---|---|---|
| A | 173+78.97 | 26.58' RT | 696.48 | K | 174+46.17 | 26.58' RT | 694.83 |
| B | 173+83.97 | 26.58' RT | 696.40 | L | 174+46.67 | 27.44' RT | 694.82 |
| C | 173+99.45 | 26.58' RT | 695.75 | M | 174+51.67 | 26.58' RT | 694.67 |
| D | 173+99.01 | 27.45' RT | 695.80 | N | 174+56.67 | 26.58' RT | 694.74 |
| E | 174+03.10 | 33.58' RT | 695.85 | O | 174+61.67 | 26.58' RT | 694.82 |
| F | 174+03.90 | 36.69' RT | 695.92 | P | 174+61.67 | 33.58' RT | 694.84 |
| G | 174+03.40 | 36.65' RT | 695.85 | Q | 174+56.67 | 33.58' RT | 694.76 |
| H | 173+93.96 | 33.58' RT | 695.92 | R | 174+51.67 | 33.58' RT | 694.69 |
| I | 173+83.96 | 33.58' RT | 696.42 | S | 174+41.94 | 34.08' RT | 694.85 |
| J | 173+78.96 | 33.58' RT | 696.50 | T | 174+42.56 | 33.58' RT | 694.93 |

LEGEND

PROPOSED SIDEWALK RAMP

DETECTABLE WARNINGS

SIDE CURB

(XXX.XX) EXISTING

| | STATION | OFFSET | ELEVATION | | STATION | OFFSET | ELEVATION |
|---|---|---|---|---|---|---|---|
| A | 174+97.00 | 26.58' RT | 693.81 | J | 175+29.69 | 52.17' RT | 692.06 |
| B | 175+05.00 | 26.58' RT | 693.67 | K | 175+22.03 | 38.95' RT | 692.83 |
| C | 175+11.55 | 26.58' RT | 693.20 | L | 175+15.05 | 33.80' RT | 693.00 |
| D | 175+12.93 | 26.58' RT | 693.15 | M | 175+12.93 | 33.58' RT | 693.16 |
| E | 175+16.51 | 26.96' RT | 692.98 | N | 175+11.55 | 33.58' RT | 693.25 |
| F | 175+28.16 | 35.55' RT | 692.70 | O | 175+05.00 | 33.58' RT | 693.74 |
| G | 175+30.24 | 42.15' RT | 692.82 | P | 174+97.00 | 33.58' RT | 693.88 |
| H | 175+23.28 | 42.89' RT | 692.93 | Q | 175+19.89 | 36.26' RT | 692.89 |
| I | 175+32.24 | 52.56' RT | 692.12 | R | 175+27.23 | 34.07' RT | 692.73 |

0 5 10

SCALE IN FEET

MODEL: ADA Detail 2 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ADA


Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - WJT | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

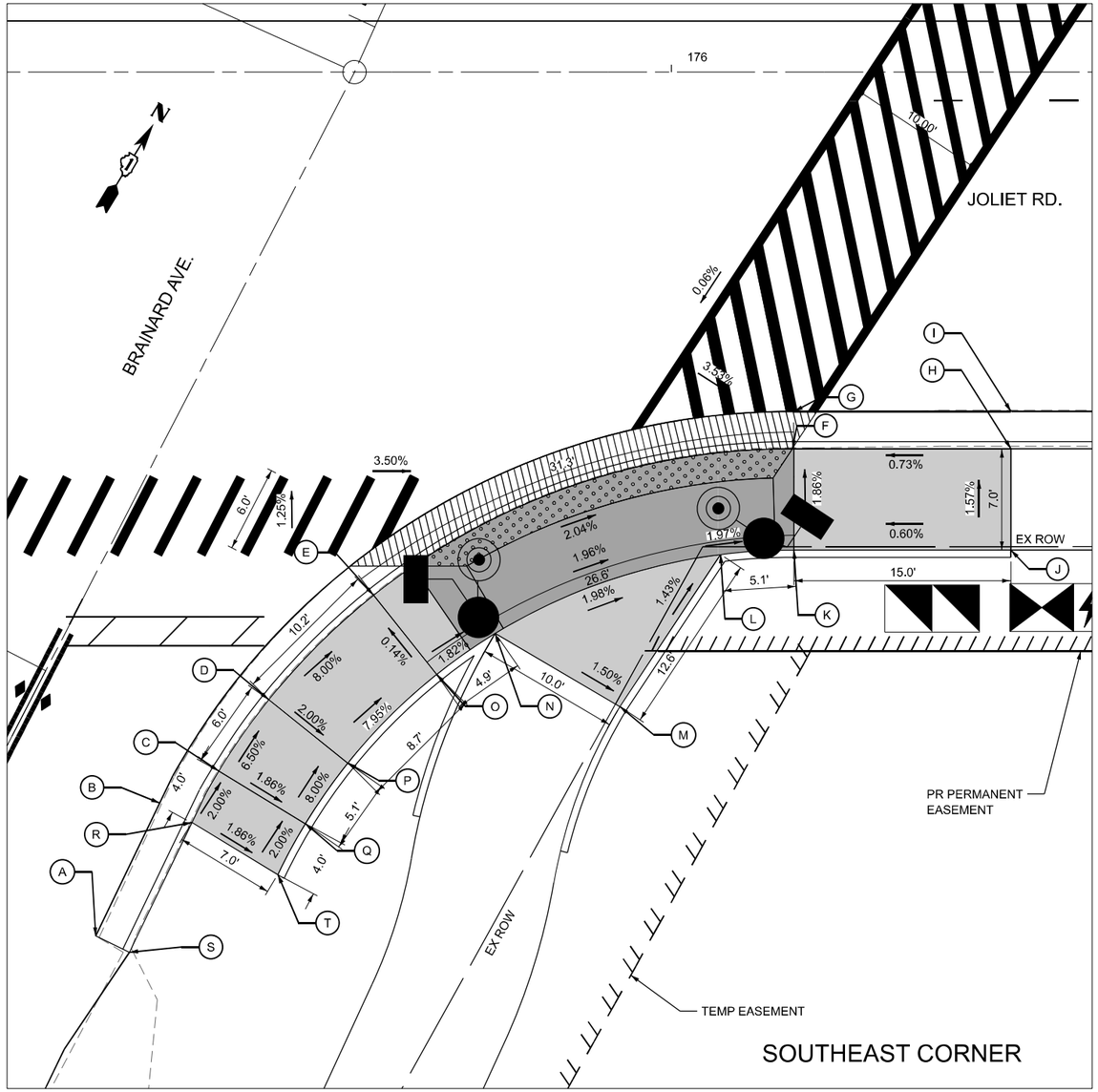
**ADA DETAILS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=5' | SHEET 2 OF 6 SHEETS | STA. TO STA.

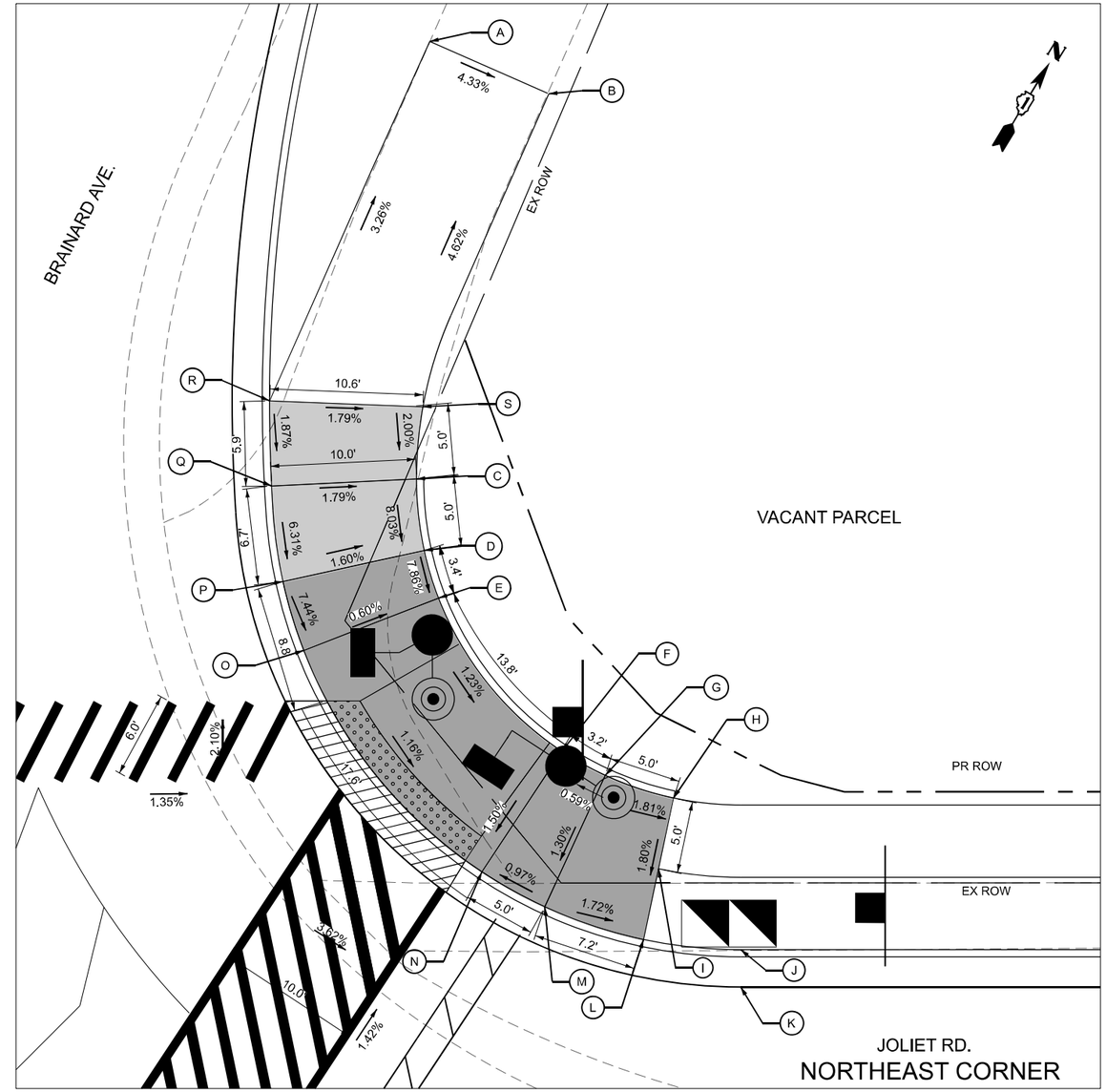
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 63 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




SOUTHEAST CORNER




JOLIET RD.
NORTHEAST CORNER

| | STATION | OFFSET | ELEVATION | | STATION | OFFSET | ELEVATION |
|---|---|---|---|---|---|---|---|
| A | 175+60.21 | 59.72' RT | 691.94 | K | 176+08.46 | 33.04' RT | 690.38 |
| B | 175+64.64 | 50.53' RT | 691.85 | L | 176+03.40 | 33.35' RT | 690.48 |
| C | 175+68.72 | 48.32' RT | 692.10 | M | 175+96.45 | 43.86' RT | 690.66 |
| D | 175+72.18 | 43.39' RT | 691.71 | N | 175+87.83 | 38.80' RT | 690.81 |
| E | 175+79.41 | 36.16' RT | 690.89 | O | 175+83.78 | 41.63' RT | 690.90 |
| F | 176+08.48 | 26.04' RT | 690.25 | P | 175+77.64 | 47.76' RT | 691.57 |
| G | 176+08.48 | 23.45' RT | 690.27 | Q | 175+74.70 | 51.95' RT | 691.97 |
| H | 176+23.47 | 26.04' RT | 690.36 | R | 175+66.86 | 51.87 RT | 692.18 |
| I | 176+23.47 | 23.45' RT | 689.98 | S | 175+62.54 | 60.84' RT | 692.32 |
| J | 176+23.47 | 33.04' RT | 690.47 | T | 175+72.80 | 55.48 RT | 692.05 |

0 5 10

SCALE IN FEET

LEGEND

PROPOSED SIDEWALK RAMP

DETECTABLE WARNINGS

SIDE CURB

(XXX.XX) EXISTING

| | STATION | OFFSET | ELEVATION | | STATION | OFFSET | ELEVATION |
|---|---|---|---|---|---|---|---|
| A | 176+57.30 | 108.37' LT | (688.94) | K | 176+78.79 | 43.00' LT | 688.02 |
| B | 176+65.52 | 104.75' LT | (688.97) | L | 176+72.07 | 46.29' LT | 688.83 |
| C | 176+56.37 | 78.13' LT | 689.92 | M | 176+65.24 | 48.55' LT | 688.97 |
| D | 176+56.90 | 73.18' LT | 689.52 | N | 176+60.89 | 50.97' LT | 688.93 |
| E | 176+57.89 | 69.89' LT | 689.25 | O | 176+48.57 | 66.27' LT | 689.31 |
| F | 176+66.41 | 59.31' LT | 689.08 | P | 176+47.13 | 71.04' LT | 689.68 |
| G | 176+69.42 | 57.64' LT | 689.10 | Q | 176+46.34 | 77.65' LT | 690.10 |
| H | 176+74.14 | 56.07' LT | 689.01 | R | 176+46.21 | 83.53' LT | 690.21 |
| I | 176+73.10 | 51.17' LT | 688.92 | S | 176+56.80 | 83.11' LT | 690.02 |
| J | 176+78.79 | 45.58' LT | 688.40 | | | | |

MODEL: ADA Detail 3 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserv$_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ADA


Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

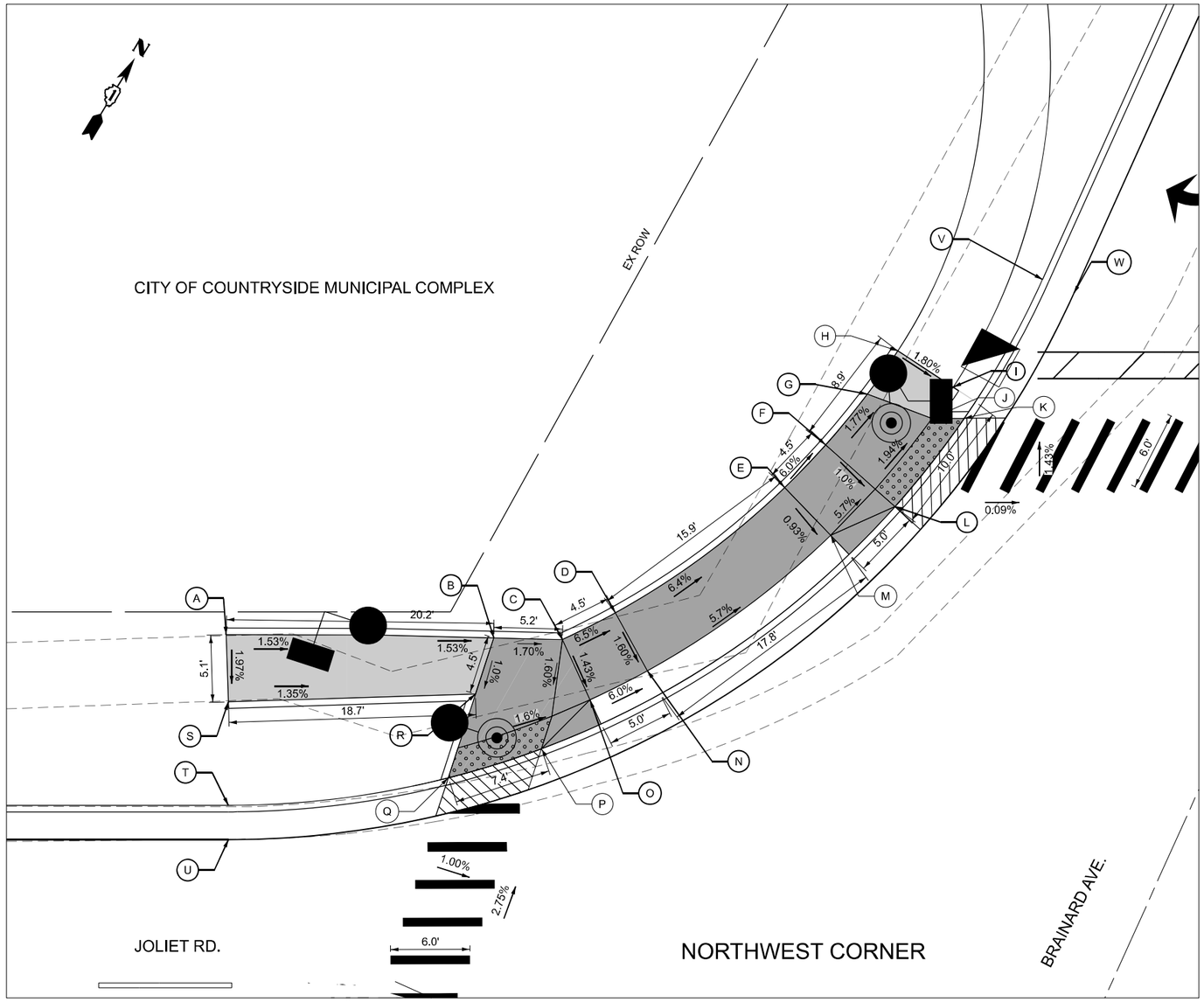

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - WJT | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

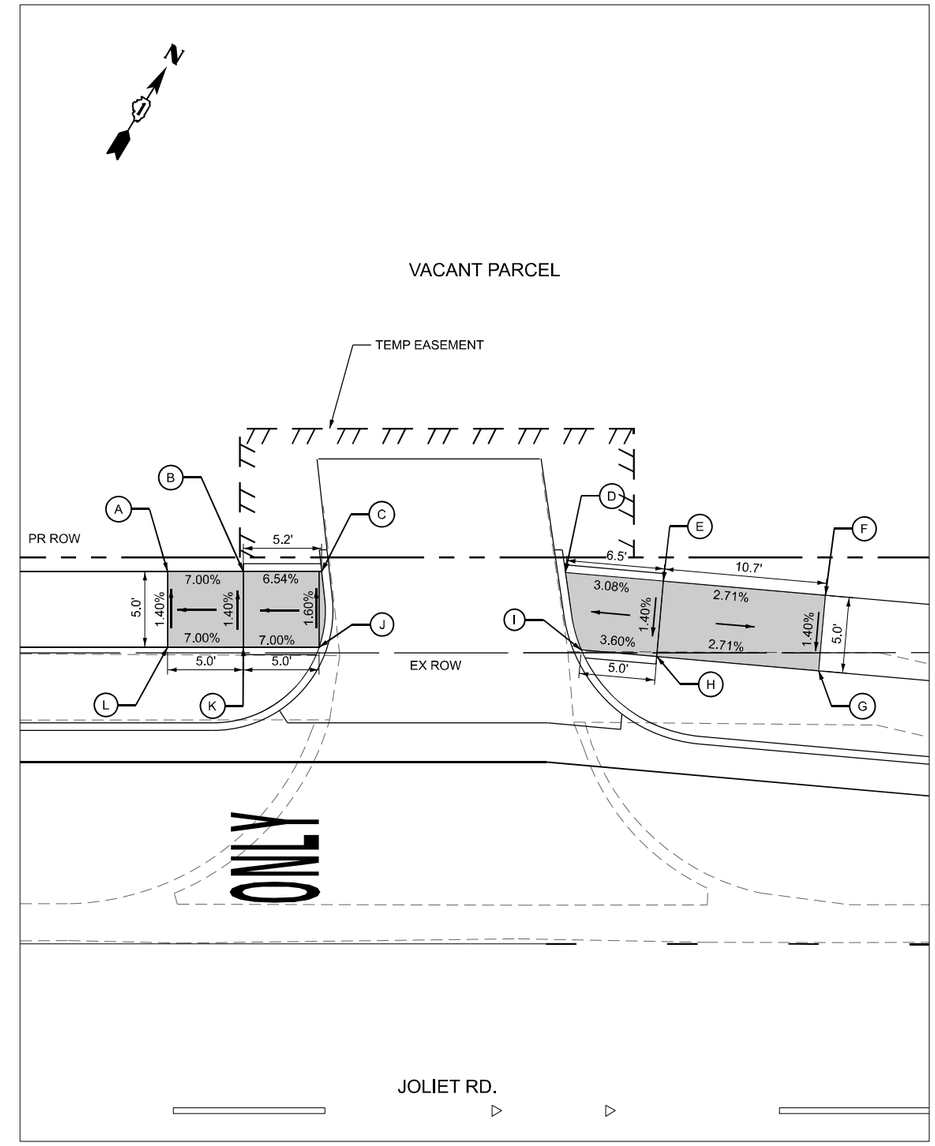
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=5' | SHEET 3 OF 6 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 64 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




| | STATION | OFFSET | ELEVATION | | STATION | OFFSET | ELEVATION |
|---|---|---|---|---|---|---|---|
| A | 175+20.39 | 46.47' LT | (692.85) | K | 175+76.09 | 62.78' LT | 690.66 |
| B | 175+40.57 | 46.22' LT | 692.54 | L | 175+70.86 | 56.12' LT | 690.82 |
| C | 175+45.76 | 46.10' LT | 692.45 | M | 175+66.01 | 53.96' LT | 690.10 |
| D | 175+49.75 | 48.11' LT | 692.16 | N | 175+52.17 | 43.73' LT | 692.08 |
| E | 175+62.54 | 57.56' LT | 691.15 | O | 175+47.85 | 41.55' LT | 692.38 |
| F | 175+65.64 | 60.79' LT | 690.88 | P | 175+44.18 | 37.86' LT | 692.33 |
| G | 175+68.78 | 64.62' LT | 690.79 | Q | 175+37.14 | 35.64' LT | 692.45 |
| H | 175+71.08 | 67.88' LT | 690.71 | R | 175+39.20 | 41.98' LT | 692.50 |
| I | 175+75.26 | 65.14' LT | 690.66 | S | 175+20.55 | 41.39' LT | (692.75) |
| J | 175+73.64 | 62.78' LT | 690.70 | | | | |

0 5 10

SCALE IN FEET

LEGEND

PROPOSED SIDEWALK RAMP

DETECTABLE WARNINGS

SIDE CURB

(XXX.XX) EXISTING

| | STATION | OFFSET | ELEVATION | | STATION | OFFSET | ELEVATION |
|---|---|---|---|---|---|---|---|
| A | 177+45.23 | 55.58' LT | 684.94 | J | 177+55.23 | 50.58' LT | 685.71 |
| B | 177+50.23 | 55.58' LT | 685.29 | K | 177+50.23 | 50.58' LT | 685.36 |
| C | 177+55.40 | 55.58' LT | 685.63 | L | 177+45.23 | 50.58' LT | 685.01 |
| D | 177+71.48 | 55.52' LT | 685.26 | | | | |
| E | 177+77.95 | 54.95' LT | 685.46 | | | | |
| F | 177+88.64 | 54.01' LT | 685.17 | | | | |
| G | 177+88.20 | 49.03' LT | 685.10 | | | | |
| H | 177+77.51 | 49.97' LT | 685.39 | | | | |
| I | 177+72.53 | 50.41' LT | 685.21 | | | | |

MODEL: ADA Detail 4 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEsen/s_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ADA


Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

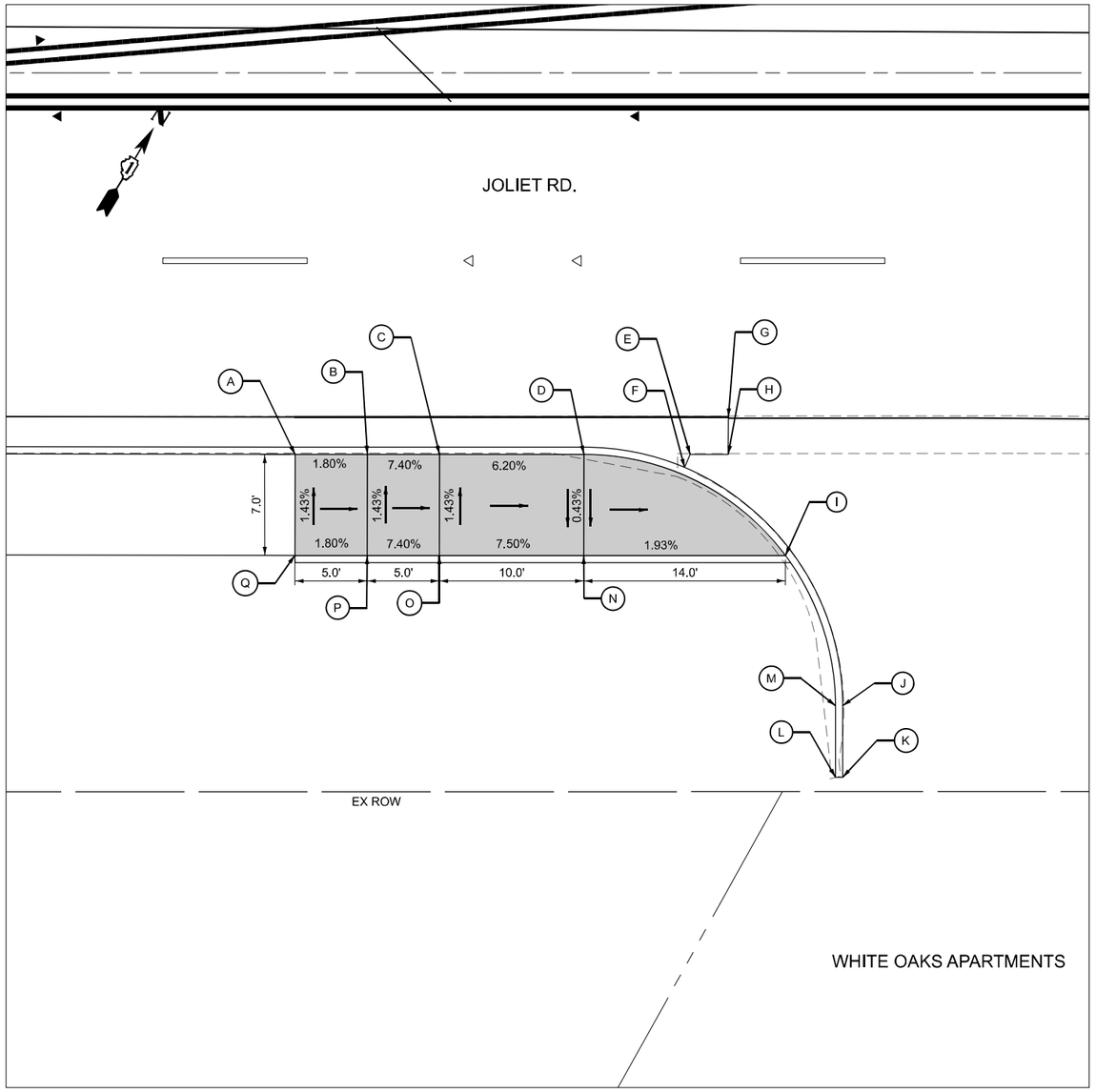

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - WJT | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=5' | SHEET 4 OF 6 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 65 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




| | STATION | OFFSET | ELEVATION | | STATION | OFFSET | ELEVATION |
|---|---|---|---|---|---|---|---|
| A | 178+35.42 | 26.41' RT | 683.79 | J | 178+73.34 | 43.82' RT | 681.72 |
| B | 178+40.42 | 26.41' RT | 683.70 | K | 178+73.34 | 48.77' RT | 681.60 |
| C | 178+45.42 | 26.41' RT | 683.33 | L | 178+72.84 | 48.77' RT | 682.10 |
| D | 178+55.42 | 26.41' RT | 682.71 | M | 178+72.84 | 43.82' RT | 682.22 |
| E | 178+62.78 | 26.41' RT | 682.56 | N | 178+55.41 | 33.41' RT | 682.68 |
| F | 178+62.40 | 27.32' RT | 682.58 | O | 178+45.41 | 33.41' RT | 683.43 |
| G | 178+65.42 | 23.82' RT | 682.48 | P | 178+40.41 | 33.41' RT | 683.80 |
| H | 178+65.42 | 26.41' RT | 682.50 | Q | 178+35.41 | 33.41' RT | 683.89 |
| I | 178+69.38 | 33.41' RT | 682.41 | | | | |

LEGEND

PROPOSED SIDEWALK RAMP

DETECTABLE WARNINGS

SIDE CURB

(XXX.XX) EXISTING

0 5 10

SCALE IN FEET

MODEL: ADA Detail 5 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserv$_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ADA

Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - WJT | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

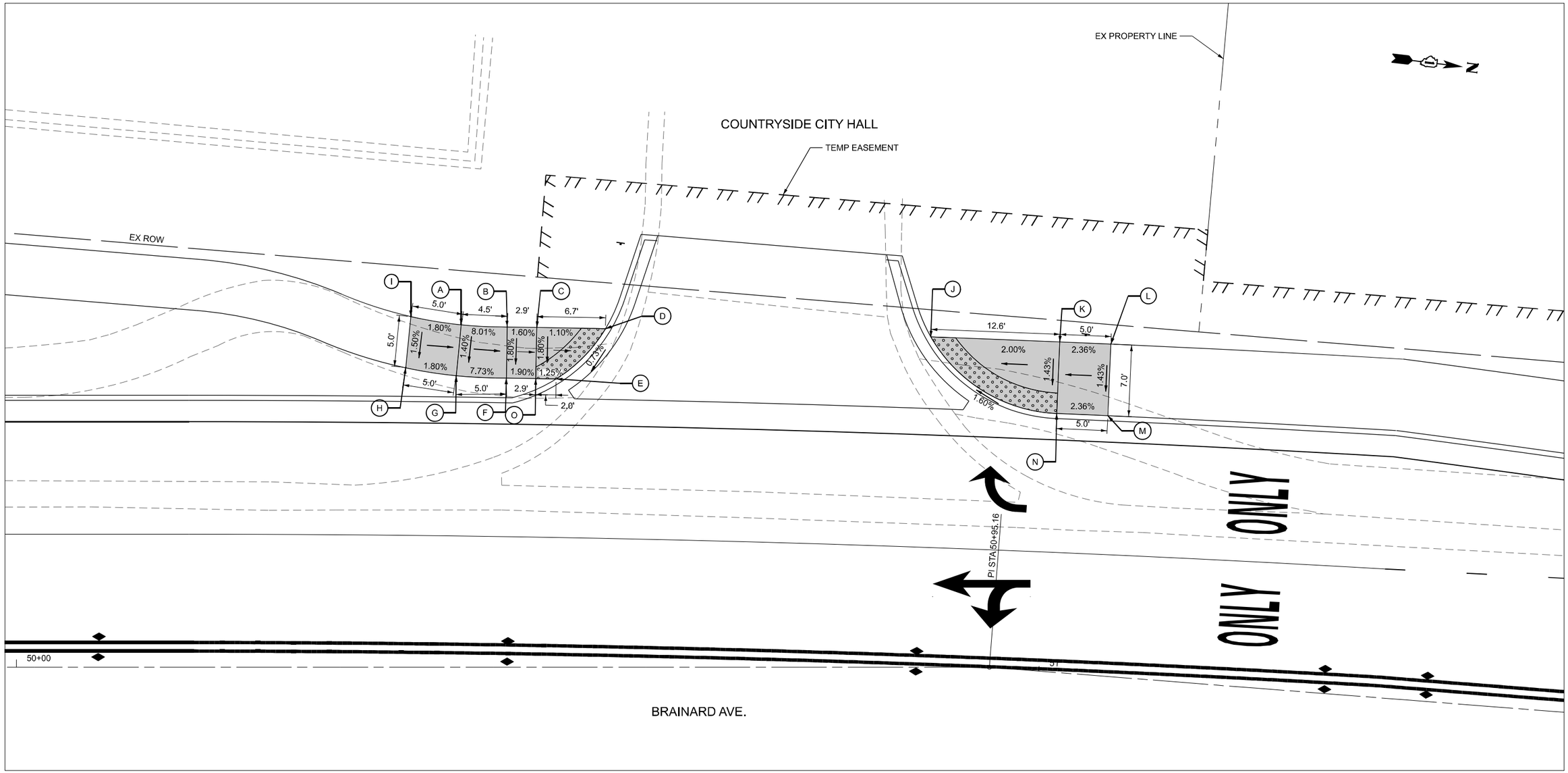
**ADA DETAILS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=5' | SHEET 5 OF 6 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 66 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




| | STATION | OFFSET | ELEVATION | | STATION | OFFSET | ELEVATION |
|---|---|---|---|---|---|---|---|
| A | 50+43.51 | 33.47' LT | 690.43 | J | 50+89.44 | 32.29' LT | 690.13 |
| B | 50+48.00 | 33.26' LT | 690.07 | K | 50+99.54 | 32.24' LT | 690.38 |
| C | 50+50.88 | 33.21' LT | 690.02 | L | 51+04.54 | 32.41' LT | 690.50 |
| D | 50+57.61 | 33.09' LT | 689.95 | M | 51+04.79 | 25.42' LT | 690.40 |
| E | 50+52.79 | 28.18' LT | 689.90 | N | 50+99.79 | 25.24' LT | 690.28 |
| F | 50+47.92 | 28.26' LT | 689.98 | O | 50+50.79 | 28.22' RT | 689.93 |
| G | 50+43.01 | 28.49' LT | 690.36 | | | | |
| H | 50+38.08 | 29.30' LT | 690.45 | | | | |
| I | 50+38.57 | 34.27' LT | 690.52 | | | | |

0 5 10

SCALE IN FEET

LEGEND

PROPOSED SIDEWALK RAMP

DETECTABLE WARNINGS

SIDE CURB

(XXX.XX) EXISTING

MODEL: ADA Detail 6 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ADA


Michael Baker
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

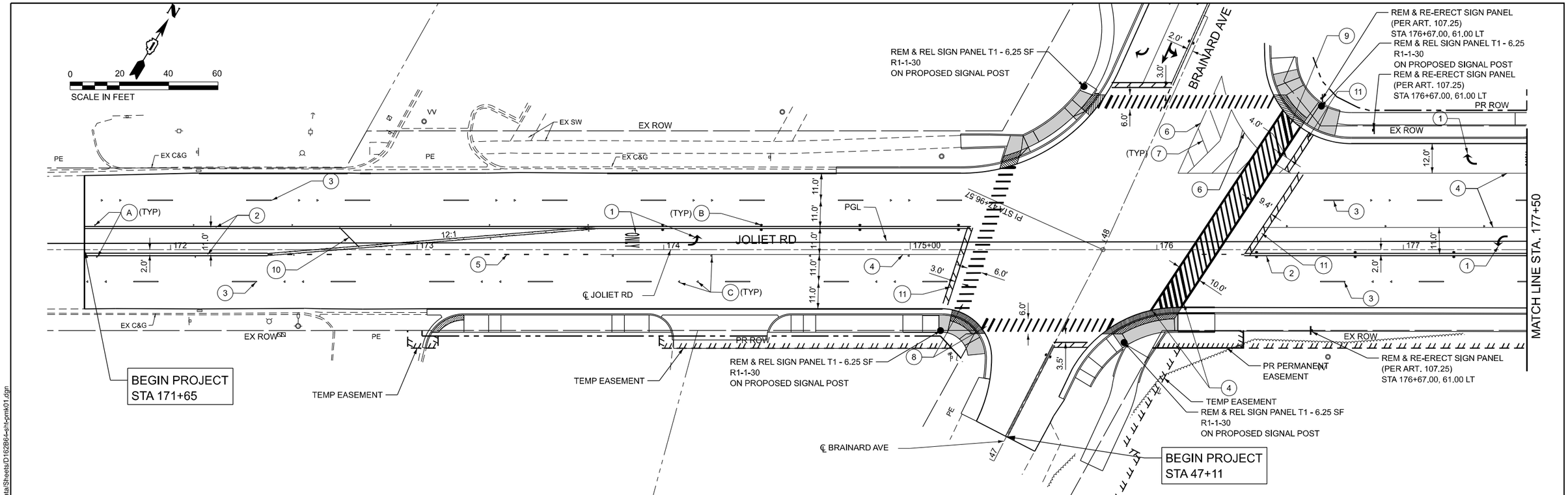

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - WJT | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

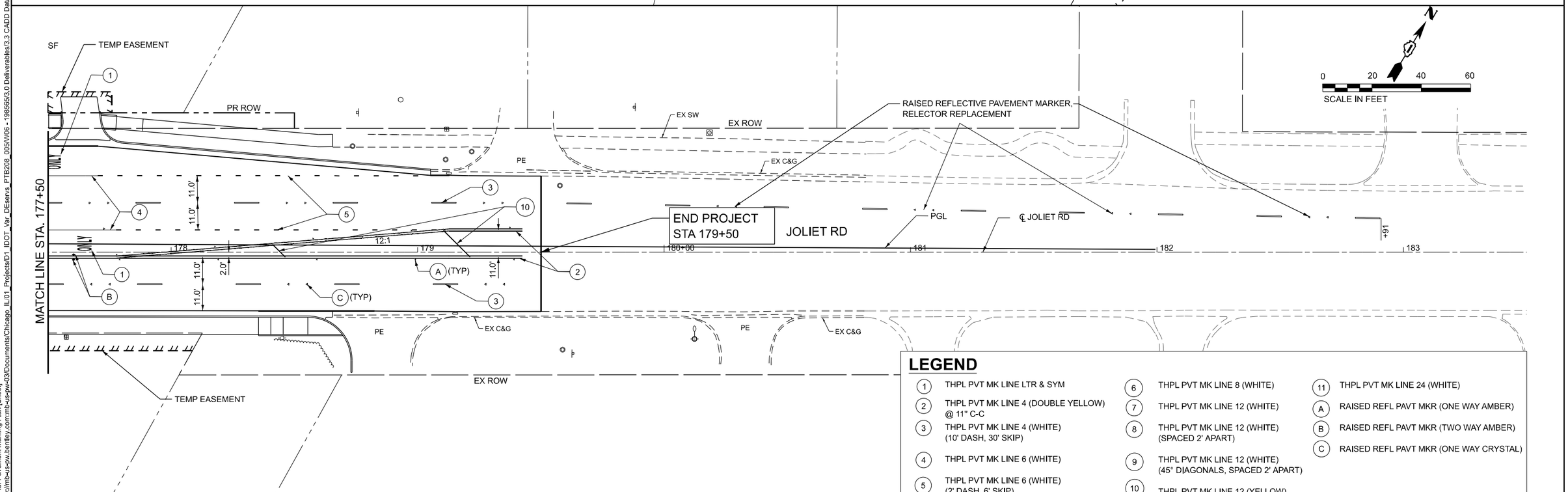
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

# ADA DETAILS
# JOLIET ROAD AT BRAINARD AVENUE

SCALE: 1"=5' | SHEET 6 OF 6 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 67 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




## LEGEND

| | | | | | |
|---|---|---|---|---|---|
| 1 | THPL PVT MK LINE LTR & SYM | 6 | THPL PVT MK LINE 8 (WHITE) | 11 | THPL PVT MK LINE 24 (WHITE) |
| 2 | THPL PVT MK LINE 4 (DOUBLE YELLOW) @ 11" C-C | 7 | THPL PVT MK LINE 12 (WHITE) | A | RAISED REFL PAVT MKR (ONE WAY AMBER) |
| 3 | THPL PVT MK LINE 4 (WHITE) (10' DASH, 30' SKIP) | 8 | THPL PVT MK LINE 12 (WHITE) (SPACED 2' APART) | B | RAISED REFL PAVT MKR (TWO WAY AMBER) |
| 4 | THPL PVT MK LINE 6 (WHITE) | 9 | THPL PVT MK LINE 12 (WHITE) (45° DIAGONALS, SPACED 2' APART) | C | RAISED REFL PAVT MKR (ONE WAY CRYSTAL) |
| 5 | THPL PVT MK LINE 6 (WHITE) (2' DASH, 6' SKIP) | 10 | THPL PVT MK LINE 12 (YELLOW) | | |

MODEL: Joliet Rd.-Pavement Marking Plan [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-pmk01.dgn


Michael Baker
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

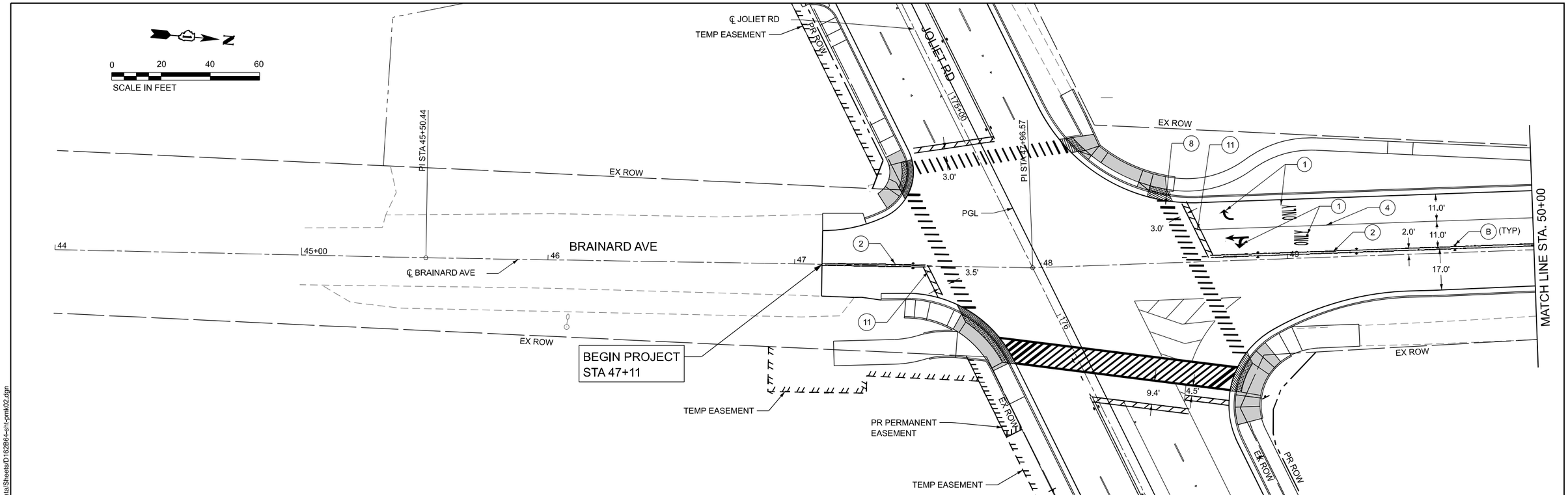
**PAVEMENT MARKING AND SIGNING PLAN**
**JOLIET ROAD AT BRAINARD AVENUE**

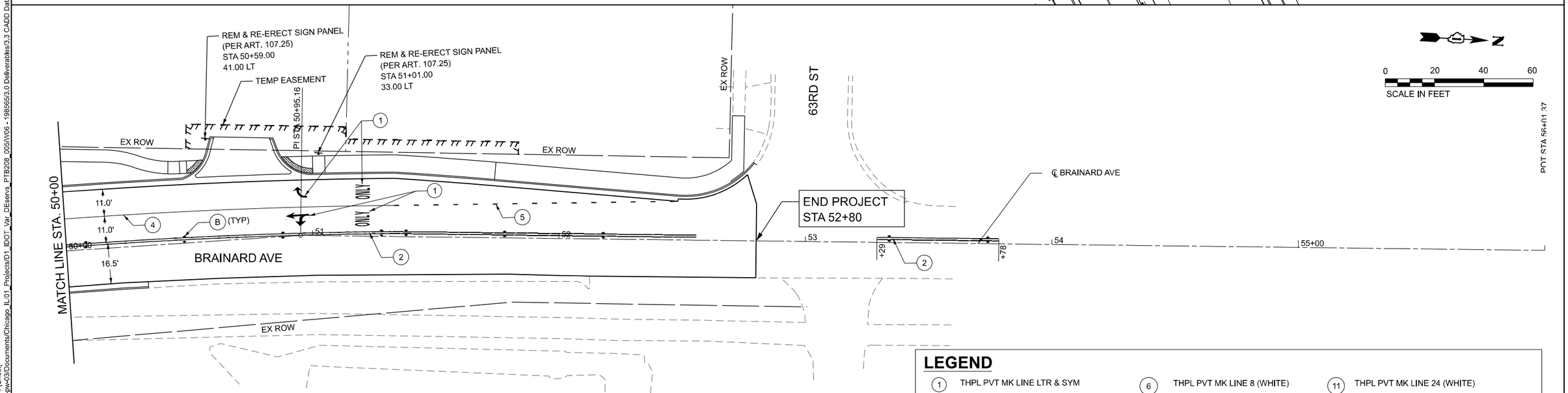
SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 171+50.00 TO STA. 183+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 68 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




## LEGEND

| | | | | | |
|---|---|---|---|---|---|
| 1 | THPL PVT MK LINE LTR & SYM | 6 | THPL PVT MK LINE 8 (WHITE) | 11 | THPL PVT MK LINE 24 (WHITE) |
| 2 | THPL PVT MK LINE 4 (DOUBLE YELLOW) @ 11" C-C | 7 | THPL PVT MK LINE 12 (WHITE) | A | RAISED REFL PAVT MKR (ONE WAY AMBER) |
| 3 | THPL PVT MK LINE 4 (WHITE) (10' DASH, 30' SKIP) | 8 | THPL PVT MK LINE 12 (WHITE) (SPACED 2' APART) | B | RAISED REFL PAVT MKR (TWO WAY AMBER) |
| 4 | THPL PVT MK LINE 6 (WHITE) | 9 | THPL PVT MK LINE 12 (WHITE) (45° DIAGONALS, SPACED 2' APART) | C | RAISED REFL PAVT MKR (ONE WAY CRYSTAL) |
| 5 | THPL PVT MK LINE 6 (WHITE) (2' DASH, 6' SKIP) | 10 | THPL PVT MK LINE 12 (YELLOW) | | |

MODEL: Brainard Ave.-Pavement Marking Plan 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago, IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/V06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-pmk02.dgn


**Michael Baker**
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

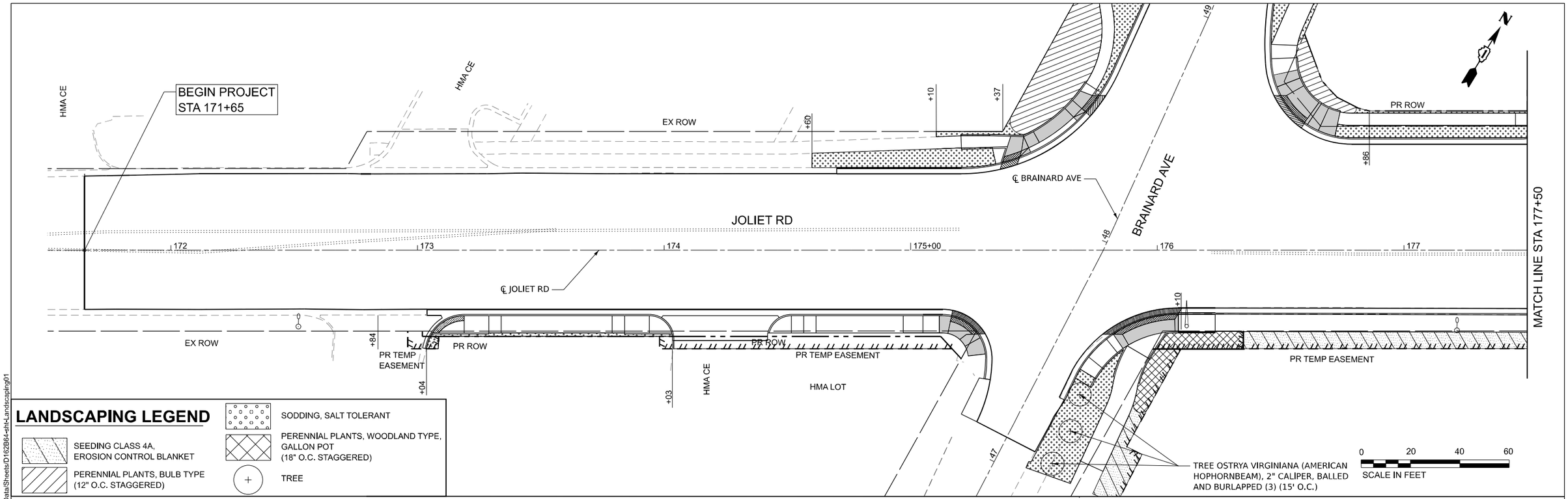

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

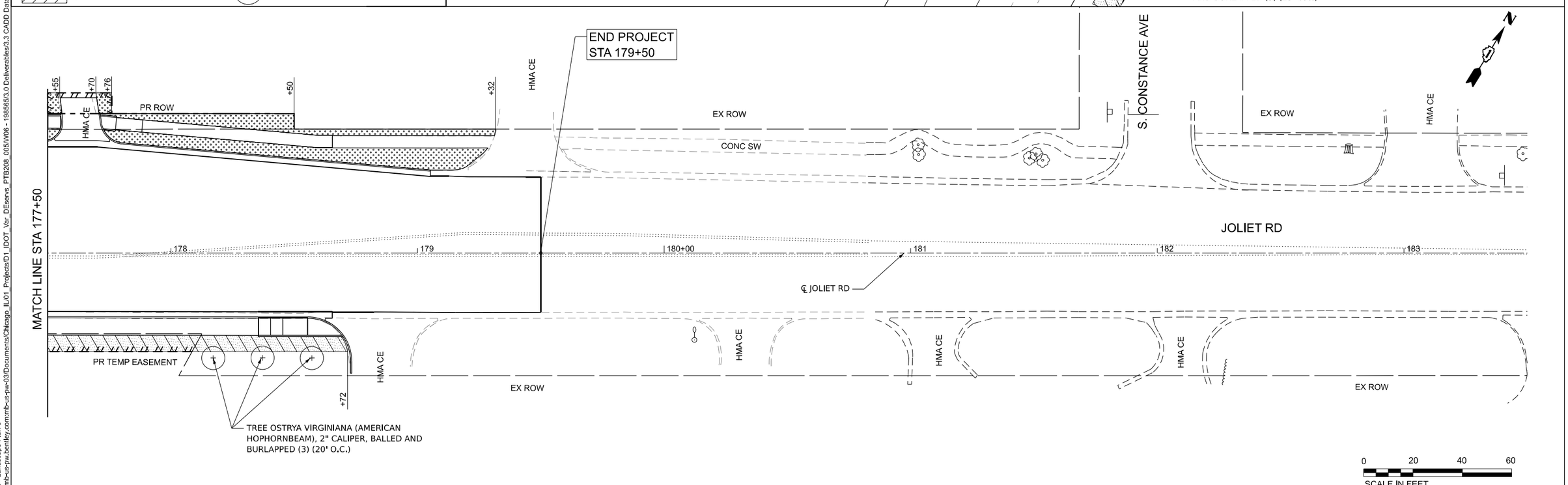
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. 45+00.00 TO STA. 55+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 69 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




MODEL: Joliet Rd. - Landscape-Plan 3
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Landscaping01

Accurate GROUP, INC.

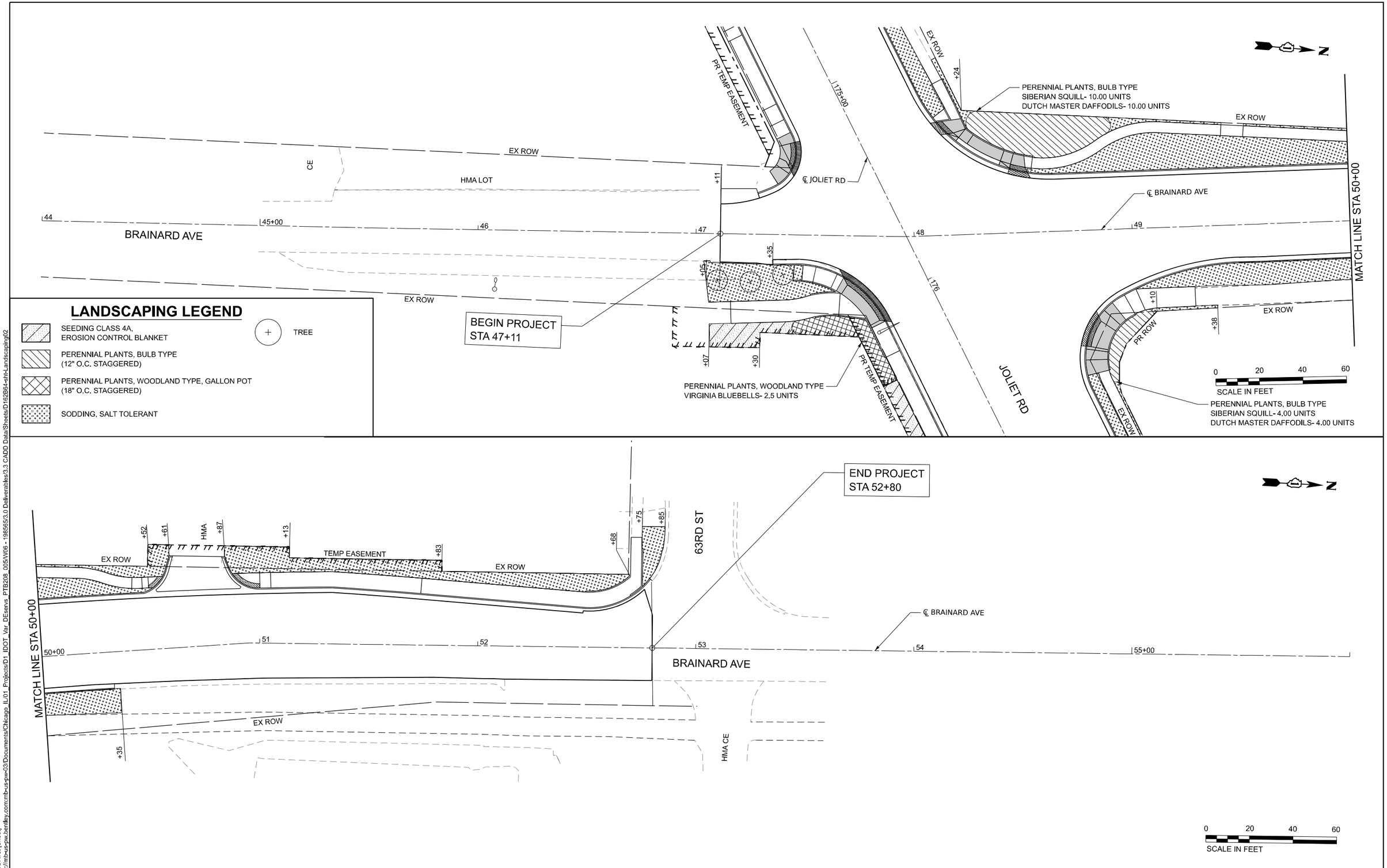
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MA | REVISED - | |
| | DRAWN - MA | REVISED - | |
| PLOT SCALE = 0.16666667 ' / In. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 03/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 171+50.00 TO STA. 183+50.00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 70 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |




MODEL: Brainard Ave. [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Landscaping02

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - MA | REVISED - | |
| | DRAWN - MA | REVISED - | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 03/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

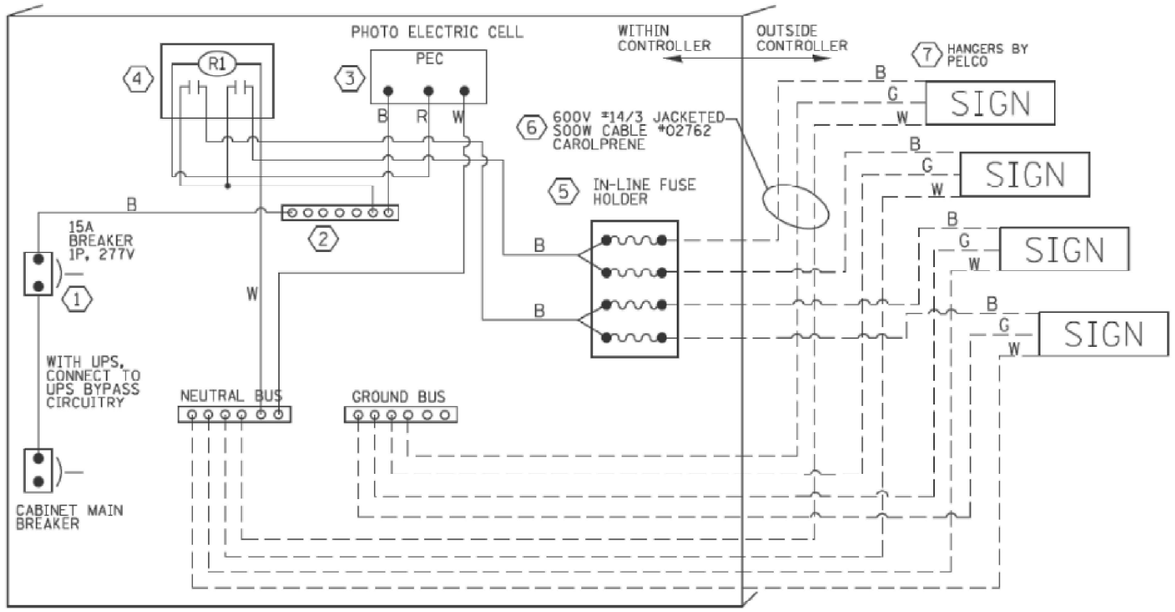
**LANDSCAPING PLANS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. 44+00.00 TO STA. 56+00.00

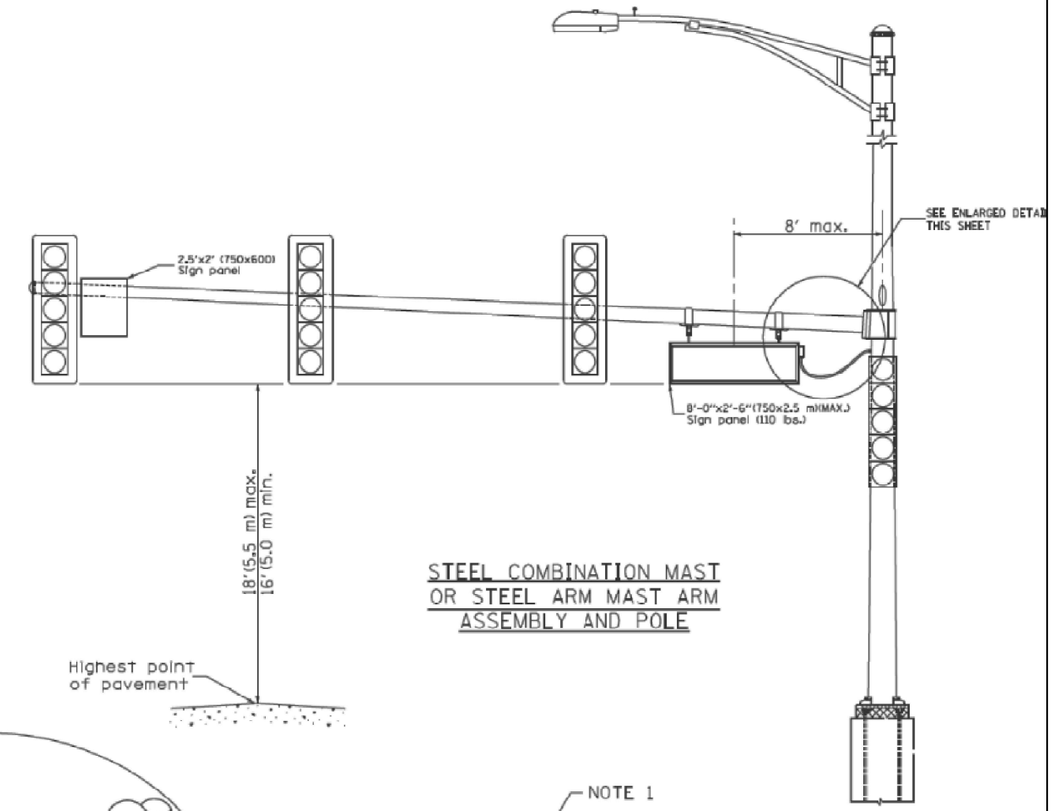
| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 71 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT



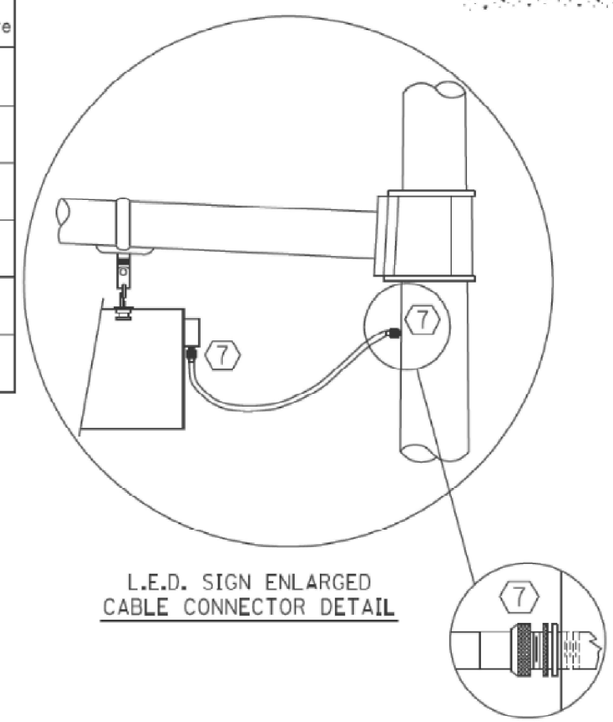

LED SIGN WIRING DETAIL




STEEL COMBINATION MAST OR STEEL ARM MAST ARM ASSEMBLY AND POLE

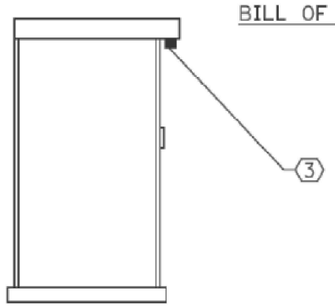
| DESCRIPTION | MANUFACTURER | MODEL | NOTES |
|---|---|---|---|
| 1 CIRCUIT BREAKER | | 15 AMPERE | Molded case, Thermal Mag. min. R.I. of 14K R.M.S. symmetrical ampere at 277V. |
| 2 TERMINAL BLOCK | MARATHON | 1502 DJSV | |
| 3 PHOTO ELECTRIC CONTROL | FISHER PIERCE | B124-1.5-07762 | |
| 4 CONTROL RELAY | SQUARE D | 8501X020V02 | BOLT ON W/SCREW TERMINAL |
| 5 INLINE FUSE HOLDER WITH 5 AMP FUSE | BUSSMAN | S-8000 BK/S-8-3-4-R | |
| 6 ELECTRIC CABLE, NO. 14, 3/C (BLACK, WHITE, GREEN) | CAROLPRENE/SOOW | 02762 | |
| 7 SIGN MOUNTING HARDWARE | PELCO | SE-5015 | S.S. HARDWARE |

BILL OF MATERIALS




L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL

L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL




CONTROLLER CABINET SIDE VIEW


LED ILLUMINATED SIGN PANEL

8'0 x 2'6" (750 mm x 2.5 mm)(MAX)
C or D FONT

NOTES:

1. SIGNS SHALL BE DUAL SIDED. FRONT AND BACK OF SIGN WILL BE THE SAME.
2. SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS. THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
3. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
   R = RED BL = BLUE W = WHITE
   B = BLACK Y = YELLOW G = GREEN
4. ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12AWG STRANDED UNLESS OTHERWISE INDICATED.
5. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

TS SHT NO. 1

MODEL: TS-05g [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB28_005/V06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-LED.dgn

Accurate GROUP, INC.

| | | |
|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LED ILLUMINATED STREET NAME
INSTALLATION AND WIRING DIAGRAM

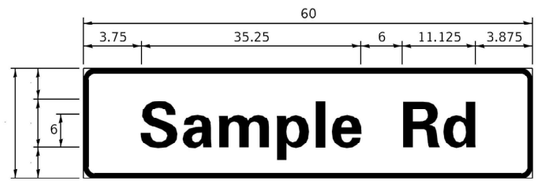
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

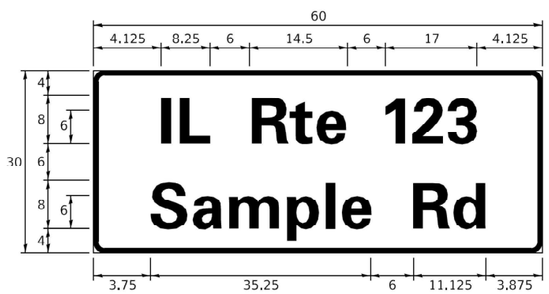
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 72 |

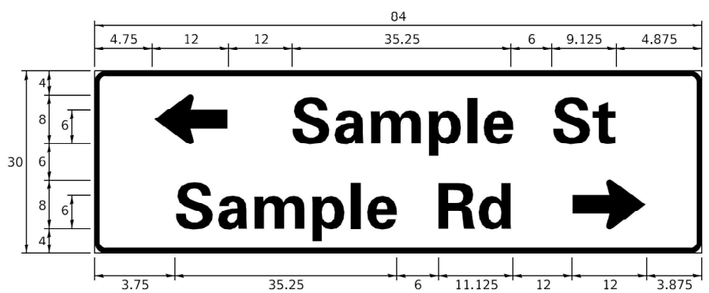
CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT

## SIGN PANEL – TYPE 1 OR TYPE 2




| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D OR C | - | 1 OR 2 | ZZ | - |

## COMMON STREET NAME ABBREVIATIONS AND WIDTHS

| NAME | ABBREVATION | WIDTH (INCH) | |
|---|---|---|---|
| | | SERIES "C" | SERIES "D" |
| AVENUE | Ave | 15.000 | 18.250 |
| BOULEVARD | Blvd | 17.125 | 20.000 |
| CIRCLE | Cir | 11.125 | 13.000 |
| COURT | Ct | 8.250 | 9.625 |
| DRIVE | Dr | 8.625 | 10.125 |
| HIGHWAY | Hwy | 18.375 | 22.000 |
| ILLINOIS | IL | 7.000 | 8.250 |
| LANE | Ln | 9.125 | 10.750 |
| PARKWAY | Pkwy | 23.375 | 27.375 |
| PLACE | Pl | 7.125 | 7.750 |
| ROAD | Rd | 9.625 | 11.125 |
| ROUTE | Rte | 12.625 | 14.500 |
| STREET | St | 8.000 | 9.125 |
| TERRACE | Ter | 12.625 | 14.625 |
| TRAIL | Tr | 7.750 | 9.125 |
| UNITED STATES | US | 10.375 | 12.250 |

## GENERAL NOTES

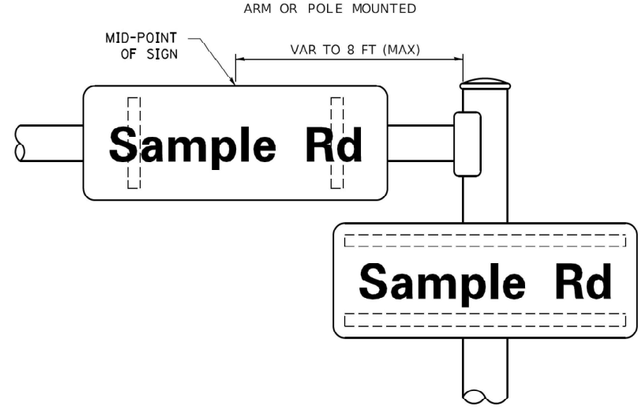
1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

| LOCAL SUPPLIERS: | PARTS LISTING: | |
|---|---|---|
| - J.O. HERBERT COMPANY, INC<br>MIDLOTHIAN, VA | SIGN CHANNEL | PART #HPN053 (MED. CHANNEL) |
| | SIGN SCREWS | 1/4" x 14 x 1" H.W.H. #3<br>SELF TAPPING WITH NEOPRENE WASHER |
| - WESTERN REMAC, INC.<br>WOODRIDGE. IL | BRACKETS | PART #HPN034 (UNIVERSAL)<br>CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING |

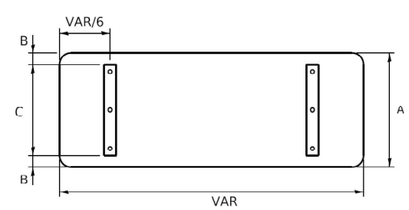
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

## MOUNTING LOCATION

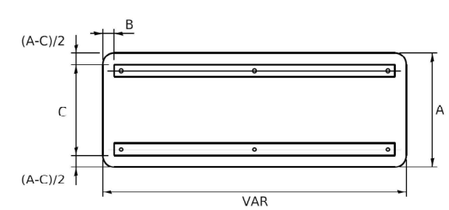
ARM OR POLE MOUNTED




## SUPPORTING CHANNELS




| A | B | C |
|---|---|---|
| 18" | 2" | 14" |
| 30" | 2" | 24" |




| A | B | C |
|---|---|---|
| 18" | 2" | 12" |
| 30" | 2" | 22" |

## STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

| FHWA SERIES "C" | | | | FHWA SERIES "D" | | | |
|---|---|---|---|---|---|---|---|
| CHARACTER | LEFT SPACING (INCH) | WIDTH (INCH) | RIGHT SPACING (INCH) | CHARACTER | LEFT SPACING (INCH) | WIDTH (INCH) | RIGHT SPACING (INCH) |
| A | 0.240 | 5.122 | 0.240 | A | 0.240 | 6.804 | 0.240 |
| B | 0.880 | 4.482 | 0.480 | B | 0.960 | 5.446 | 0.400 |
| C | 0.720 | 4.482 | 0.720 | C | 0.800 | 5.446 | 0.800 |
| D | 0.880 | 4.482 | 0.720 | D | 0.960 | 5.446 | 0.800 |
| E | 0.880 | 4.082 | 0.480 | E | 0.960 | 4.962 | 0.400 |
| F | 0.880 | 4.082 | 0.240 | F | 0.960 | 4.962 | 0.240 |
| G | 0.720 | 4.482 | 0.720 | G | 0.800 | 5.446 | 0.800 |
| H | 0.880 | 4.482 | 0.880 | H | 0.960 | 5.446 | 0.960 |
| I | 0.880 | 1.120 | 0.880 | I | 0.960 | 1.280 | 0.960 |
| J | 0.240 | 4.082 | 0.880 | J | 0.240 | 5.122 | 0.960 |
| K | 0.880 | 4.482 | 0.480 | K | 0.960 | 5.604 | 0.400 |
| L | 0.880 | 4.082 | 0.240 | L | 0.960 | 4.962 | 0.240 |
| M | 0.880 | 5.284 | 0.880 | M | 0.960 | 6.244 | 0.960 |
| N | 0.880 | 4.482 | 0.880 | N | 0.960 | 5.446 | 0.960 |
| O | 0.720 | 4.722 | 0.720 | O | 0.800 | 5.684 | 0.800 |
| P | 0.880 | 4.482 | 0.720 | P | 0.960 | 5.446 | 0.240 |
| Q | 0.720 | 4.722 | 0.720 | Q | 0.800 | 5.684 | 0.800 |
| R | 0.880 | 4.482 | 0.480 | R | 0.960 | 5.446 | 0.400 |
| S | 0.480 | 4.482 | 0.480 | S | 0.400 | 5.446 | 0.400 |
| T | 0.240 | 4.082 | 0.240 | T | 0.240 | 4.962 | 0.240 |
| U | 0.880 | 4.482 | 0.880 | U | 0.960 | 5.446 | 0.960 |
| V | 0.240 | 4.962 | 0.240 | V | 0.240 | 6.084 | 0.240 |
| W | 0.240 | 6.084 | 0.240 | W | 0.240 | 7.124 | 0.240 |
| X | 0.240 | 4.722 | 0.240 | X | 0.400 | 5.446 | 0.400 |
| Y | 0.240 | 5.122 | 0.240 | Y | 0.240 | 6.884 | 0.240 |
| Z | 0.480 | 4.482 | 0.480 | Z | 0.400 | 5.446 | 0.400 |
| a | 0.320 | 3.842 | 0.640 | a | 0.400 | 4.562 | 0.720 |
| b | 0.720 | 4.082 | 0.480 | b | 0.800 | 4.802 | 0.480 |
| c | 0.480 | 4.002 | 0.240 | c | 0.480 | 4.722 | 0.240 |
| d | 0.480 | 4.082 | 0.720 | d | 0.480 | 4.802 | 0.800 |
| e | 0.480 | 4.082 | 0.320 | e | 0.480 | 4.722 | 0.320 |
| f | 0.320 | 2.480 | 0.160 | f | 0.320 | 2.882 | 0.160 |
| g | 0.480 | 4.082 | 0.720 | g | 0.480 | 4.802 | 0.800 |
| h | 0.720 | 4.082 | 0.640 | h | 0.800 | 4.722 | 0.720 |
| i | 0.720 | 1.120 | 0.720 | i | 0.800 | 1.280 | 0.800 |
| j | 0.000 | 2.320 | 0.720 | j | 0.000 | 2.642 | 0.800 |
| k | 0.720 | 4.322 | 0.160 | k | 0.800 | 5.122 | 0.160 |
| l | 0.720 | 1.120 | 0.720 | l | 0.800 | 1.280 | 0.800 |
| m | 0.720 | 6.724 | 0.640 | m | 0.800 | 7.926 | 0.720 |
| n | 0.720 | 4.082 | 0.640 | n | 0.800 | 4.722 | 0.720 |
| o | 0.480 | 4.082 | 0.480 | o | 0.480 | 4.882 | 0.480 |
| p | 0.720 | 4.082 | 0.480 | p | 0.800 | 4.802 | 0.480 |
| q | 0.480 | 4.082 | 0.720 | q | 0.480 | 4.802 | 0.800 |
| r | 0.720 | 2.642 | 0.160 | r | 0.800 | 3.042 | 0.160 |
| s | 0.320 | 3.362 | 0.240 | s | 0.320 | 3.762 | 0.240 |
| t | 0.080 | 2.882 | 0.080 | t | 0.080 | 3.202 | 0.080 |
| u | 0.640 | 4.082 | 0.720 | u | 0.720 | 4.722 | 0.800 |
| v | 0.160 | 4.722 | 0.160 | v | 0.160 | 5.684 | 0.160 |
| w | 0.160 | 7.524 | 0.160 | w | 0.160 | 9.046 | 0.160 |
| x | 0.000 | 5.202 | 0.000 | x | 0.000 | 6.244 | 0.000 |
| y | 0.160 | 4.962 | 0.160 | y | 0.160 | 6.004 | 0.160 |
| z | 0.240 | 3.362 | 0.240 | z | 0.240 | 4.002 | 0.240 |
| 1 | 0.720 | 1.680 | 0.880 | 1 | 0.800 | 2.000 | 0.960 |
| 2 | 0.480 | 4.482 | 0.480 | 2 | 0.800 | 5.446 | 0.800 |
| 3 | 0.480 | 4.482 | 0.480 | 3 | 1.440 | 5.446 | 0.800 |
| 4 | 0.240 | 4.962 | 0.720 | 4 | 0.160 | 6.004 | 0.960 |
| 5 | 0.480 | 4.482 | 0.480 | 5 | 0.800 | 5.446 | 0.800 |
| 6 | 0.720 | 4.482 | 0.720 | 6 | 0.800 | 5.446 | 0.800 |
| 7 | 0.240 | 4.482 | 0.720 | 7 | 0.560 | 5.446 | 0.560 |
| 8 | 0.480 | 4.482 | 0.480 | 8 | 0.800 | 5.446 | 0.800 |
| 9 | 0.480 | 4.482 | 0.480 | 9 | 0.800 | 5.446 | 0.800 |
| 0 | 0.720 | 4.722 | 0.720 | 0 | 0.800 | 5.684 | 0.800 |
| - | 0.240 | 2.802 | 0.240 | - | 0.240 | 2.802 | 0.240 |
| | | | | | | | |

TS SHT NO. 2

MODEL: TS-05g [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago_IL/01_Projects/01_IDOT_Var_DEserts_PTB228_005/W06-198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ts02.dgn

Accurate GROUP, INC.

| | | |
|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 73 |
| | | CONTRACT NO. 62B64 | | |
| TS-02 | ILLINOIS | FED. AID PROJECT | | |

# TRAFFIC SIGNAL LEGEND

**(NOT TO SCALE)**

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| CONTROLLER CABINET | | |
| COMMUNICATION CABINET | CC | CC |
| MASTER CONTROLLER | MC | MC |
| MASTER MASTER CONTROLLER | MMC | MMC |
| UNINTERRUPTABLE POWER SUPPLY | | |
| SERVICE INSTALLATION<br>-(P) POLE MOUNTED | P | P |
| SERVICE INSTALLATION<br>-(G) GROUND MOUNTED<br>-(GM) GROUND MOUNTED METERED | G GM | G GM |
| TELEPHONE CONNECTION | T | T |
| STEEL MAST ARM ASSEMBLY AND POLE | | |
| ALUMINUM MAST ARM ASSEMBLY AND POLE | | |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE | | |
| SIGNAL POST<br>-(BM) BARREL MOUNTED - TEMPORARY | | BM |
| WOOD POLE | | |
| GUY WIRE | | |
| SIGNAL HEAD | | |
| SIGNAL HEAD WITH BACKPLATE | | |
| SIGNAL HEAD OPTICALLY PROGRAMMED | P P | P P |
| FLASHER INSTALLATION<br>-(FS) SOLAR POWERED | F FS<br>F FS | F FS<br>F FS |
| PEDESTRIAN SIGNAL HEAD | | |
| PEDESTRIAN PUSH BUTTON<br>-(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON | APS | APS |
| RADAR DETECTION SENSOR | R | R |
| VIDEO DETECTION CAMERA | V | V |
| RADAR/VIDEO DETECTION ZONE | | |
| PAN, TILT, ZOOM (PTZ) CAMERA | PTZ | PTZ |
| EMERGENCY VEHICLE LIGHT DETECTOR | | |
| CONFIMATION BEACON | | |
| WIRELESS INTERCONNECT | | |
| WIRELESS INTERCONNECT RADIO REPEATER | RR | RR |

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| HANDHOLE<br>-SQUARE<br>-ROUND | | |
| HEAVY DUTY HANDHOLE<br>-SQUARE<br>-ROUND | | |
| DOUBLE HANDHOLE | | |
| JUNCTION BOX | | |
| RAILROAD CANTILEVER MAST ARM | | |
| RAILROAD FLASHING SIGNAL | | |
| RAILROAD CROSSING GATE | | |
| RAILROAD CROSSBUCK | | |
| RAILROAD CONTROLLER CABINET | | |
| UNDERGROUND CONDUIT (UC), GALVANIZED STEEL | | |
| TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE | | |
| SYSTEM ITEM | S | SP |
| INTERSECTION ITEM | I | IP |
| REMOVE ITEM | | R |
| RELOCATE ITEM | | RL |
| ABANDON ITEM | | A |
| CONTROLLER CABINET AND FOUNDATION TO BE REMOVED | | RCF |
| MAST ARM POLE AND FOUNDATION TO BE REMOVED | | RMF |
| SIGNAL POST AND FOUNDATION TO BE REMOVED | | RPF |
| DETECTOR LOOP, TYPE I | | |
| PREFORMED DETECTOR LOOP | P P | P P |
| SAMPLING (SYSTEM) DETECTOR | S S | S S |
| INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | IS IS | IS IS |
| QUEUE AND SAMPLING (SYSTEM) DETECTOR | QS QS | QS QS |
| WIRELESS DETECTOR SENSOR | W | W |
| WIRELESS ACCESS POINT | | |

| ITEM | EXISTING | PROPOSED |
|---|---|---|
| SIGNAL HEAD<br>-(P) PROGRAMMABLE SIGNAL HEAD | R Y C Y G<br>P | R Y C Y G<br>P |
| SIGNAL HEAD WITH BACKPLATE<br>-(P) PROGRAMMABLE SIGNAL HEAD<br>-(RB) RETROREFLECTIVE BACKPLATE | R Y G Y G<br>P RB | R Y G Y G<br>P RB |
| PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS | | |
| PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER | C D | C D |
| ILLUMINATED SIGN<br>"NO LEFT TURN"/"NO RIGHT TURN" | | |
| NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED | 5 | 5 |
| GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN) | 1#6 | 1#6 |
| ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C | 1 | 1 |
| COAXIAL CABLE | C | C |
| VENDOR CABLE | V | V |
| COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED | 6#18 | 6#18 |
| FIBER OPTIC CABLE<br>-NO. 62.5/125, MM12F<br>-NO. 62.5/125, MM12F SM12F<br>-NO. 62.5/125, MM12F SM24F | 12F<br>24F<br>36F | 12F<br>24F<br>36F |
| GROUND ROD<br>-(C) CONTROLLER<br>-(M) MAST ARM<br>-(P) POST<br>-(S) SERVICE | C M P S | C M P S |

TS SHT NO. 3

MODEL: TS-05a [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-33/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ts05a.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| PLOT SCALE = 0.160000667 ' / in. | CHECKED - | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (43DY)N-1 | COOK | 117 | 74 |
| | | CONTRACT NO. 62B64 | | |
| TS-05 | ILLINOIS | FED. AID PROJECT | | |

## LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

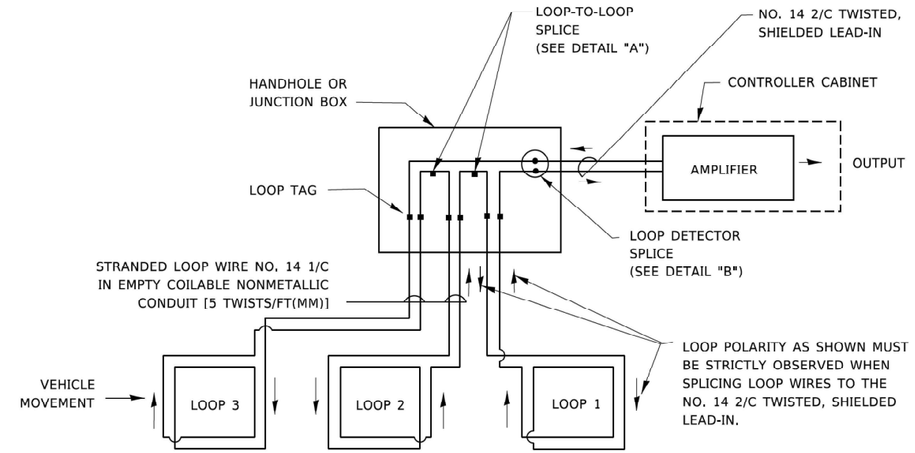
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

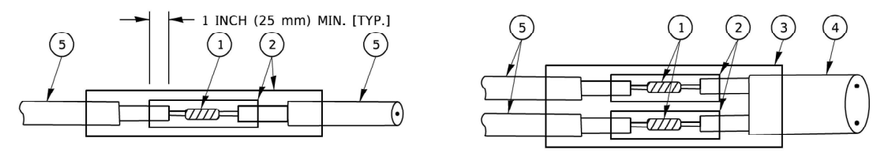
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.




## DETECTOR LOOP WIRING SCHEMATIC

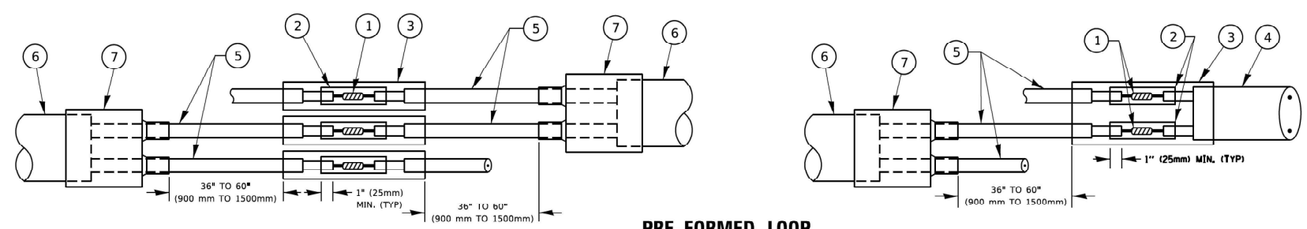
- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.




DETAIL "A"
LOOP-TO-LOOP SPLICE

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**

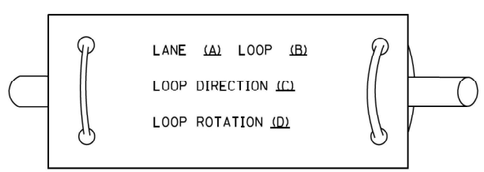



DETAIL "A"
LOOP-TO-LOOP SPLICE

**PRE–FORMED LOOP**

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

## LOOP LEAD–IN CABLE TAG




A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

## LOOP DETECTOR SPLICE

1. WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
2. WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
3. WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
4. NO. 14 2/C TWISTED, SHIELDED CABLE.
5. LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP
6. XL POLYOLEFIN 2 CONDUCTOR
7. BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

TS SHT NO. 4

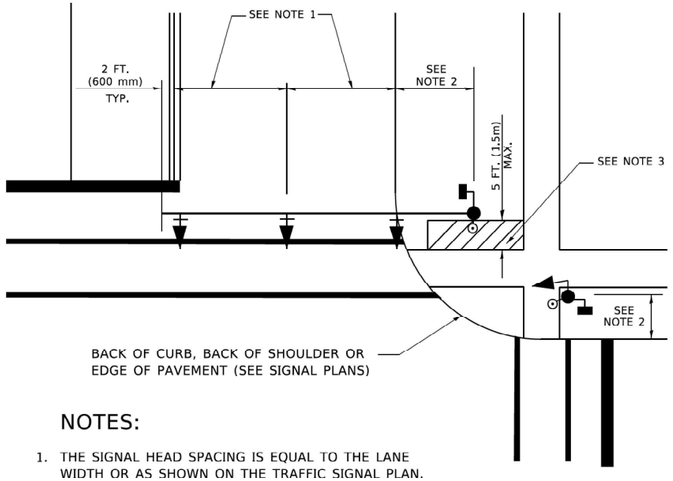
MODEL: TS-05b [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ts05b.dgn

| | | | | | |
|---|---|---|---|---|---|
| Accurate GROUP, INC. | USER NAME = Connor.Liss | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS |
| | | DRAWN - | REVISED - | | |
| | PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - | | |
| | PLOT DATE = 6/25/2025 | DATE - | REVISED - | | SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (43DY)N-1 | COOK | 117 | 75 |
| | | CONTRACT NO. 62B64 | | |
| TS-05 | ILLINOIS | FED. AID PROJECT | | |

## TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

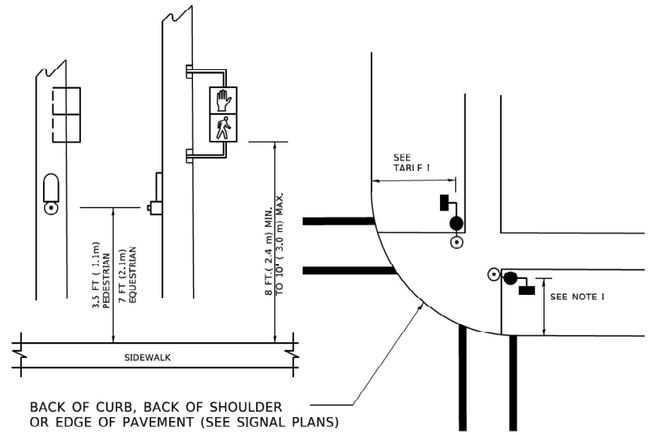
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.




### NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

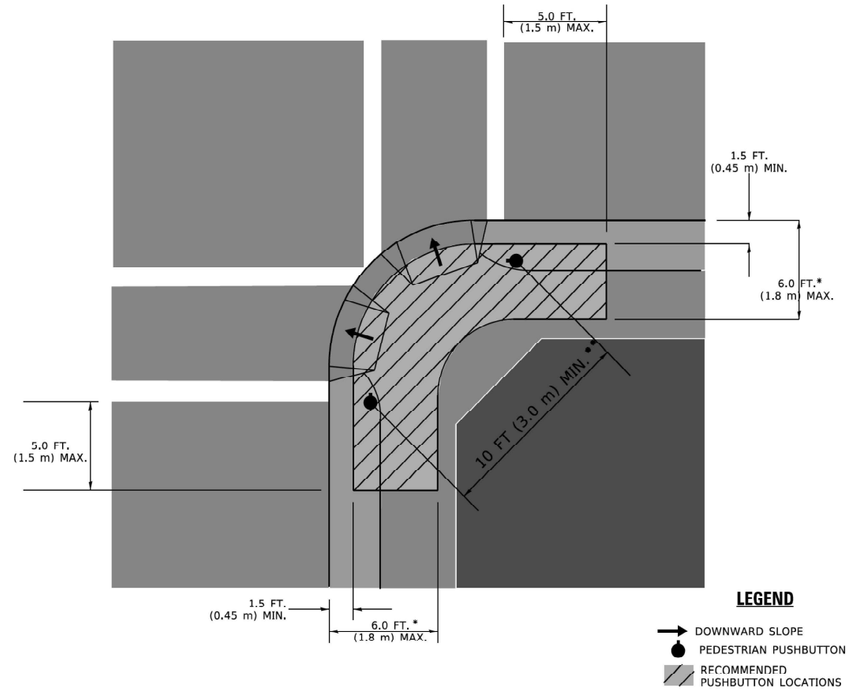
## PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST




### NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

## RECOMMENDED PUSHBUTTON LOCATIONS




* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT ( 1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

### NOTES:

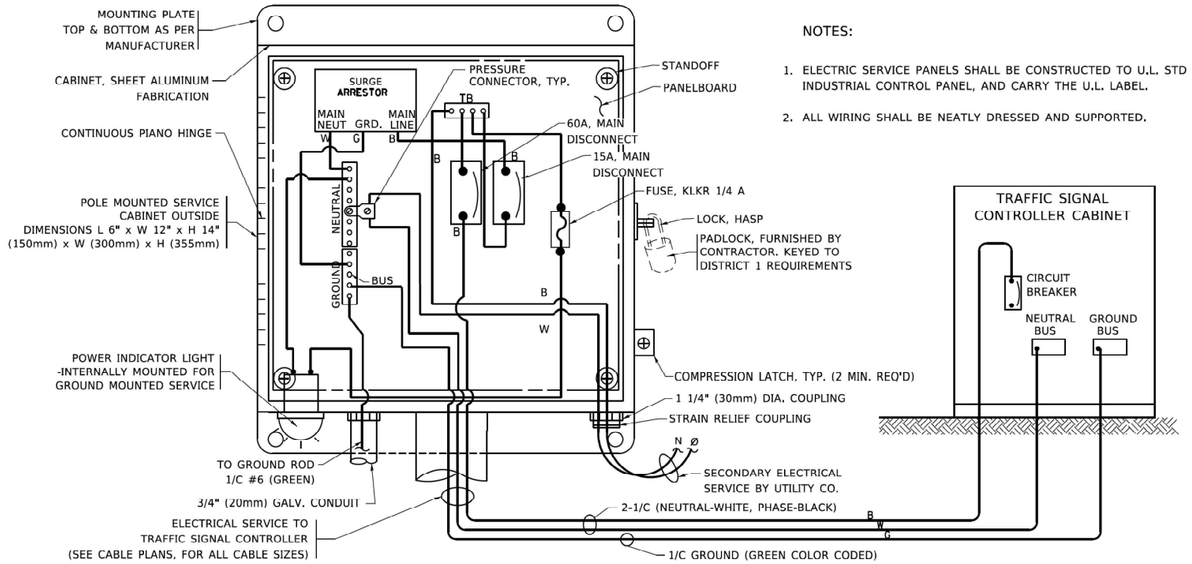
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

### TRAFFIC SIGNAL EQUIPMENT OFFSET

| TRAFFIC SIGNAL EQUIPMENT | COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION) | SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION) |
|---|---|---|
| TRAFFIC SIGNAL MAST ARM POLE | 6 FT (1.8m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| TRAFFIC SIGNAL POST | 4 FT (1.2m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| PEDESTRIAN SIGNAL POST | 4 FT (1.2m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| PEDESTRIAN PUSHBUTTON POST | 4 FT (1.2m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| TEMPORARY WOOD POLE | 6 FT (1.8m) | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m) |
| CONTROLLER CABINET | 6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2 | SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3. |
| SERVICE INSTALLATION, GROUND MOUNT | 6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2 | SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3. |

### NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.



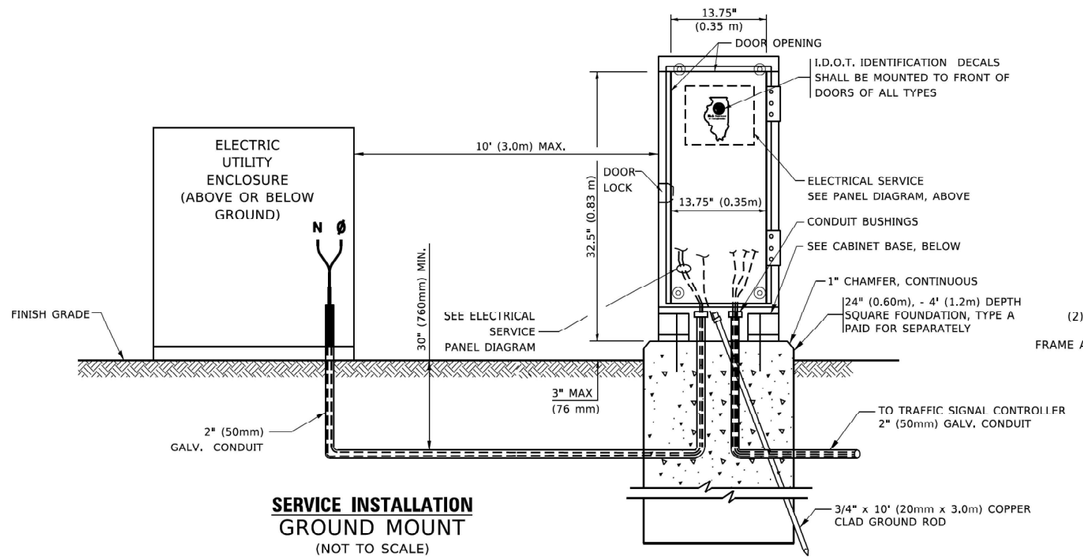

NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

## ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

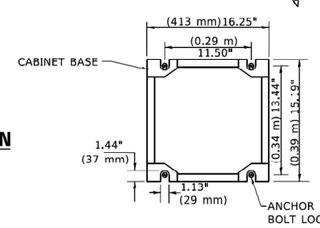
(NOT TO SCALE)




## SERVICE INSTALLATION

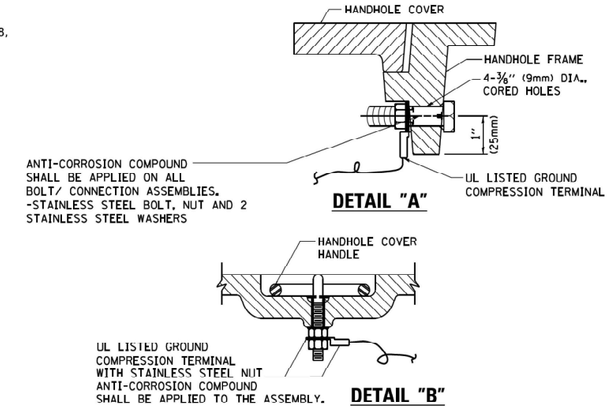
GROUND MOUNT

(NOT TO SCALE)




## CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



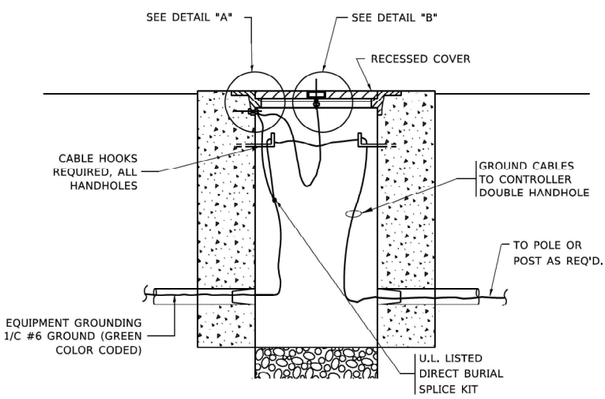

**DETAIL "A"**

**DETAIL "B"**

NOTES:

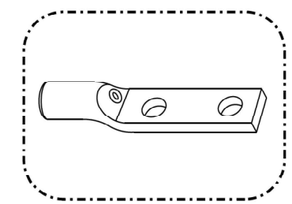
**GROUNDING SYSTEM**

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC,). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

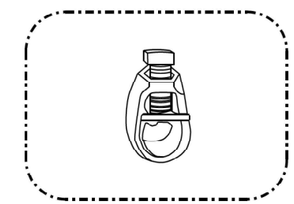



## HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



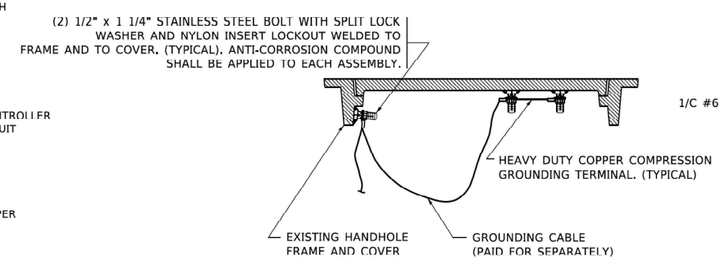
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

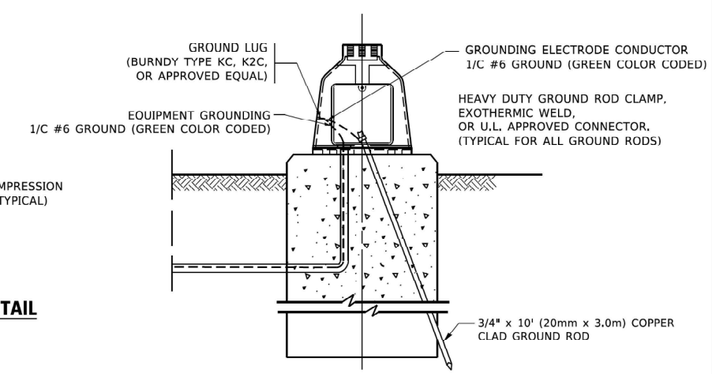
NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.




## EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



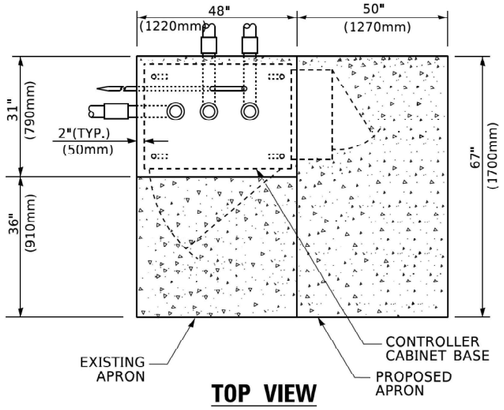

## MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

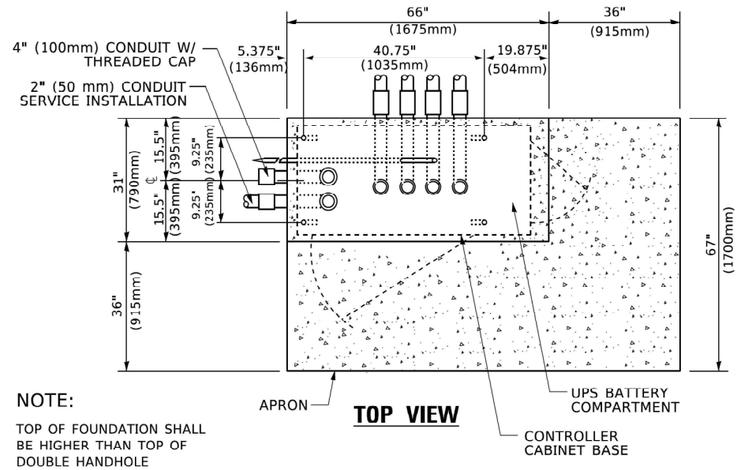
TS SHT NO. 6

MODEL: TS-05d [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-30/Documents/Chicago IL/01 Projects/D1 IDOT Var. DEserve PTB208 005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ts05d.dgn

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Accurate GROUP, INC. | USER NAME = Connor.Liss | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS / SHEET NO. |
| | | DRAWN - | REVISED - | | | | | 3562 | (43DY)N-1 | COOK | 117 / 77 |
| | PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - | | | | | | | CONTRACT NO. 62B64 | |
| | PLOT DATE = 6/25/2025 | DATE - | REVISED - | | SCALE: NONE | SHEET 4 OF 7 SHEETS | STA. TO STA. | TS-05 | ILLINOIS | FED. AID PROJECT | |



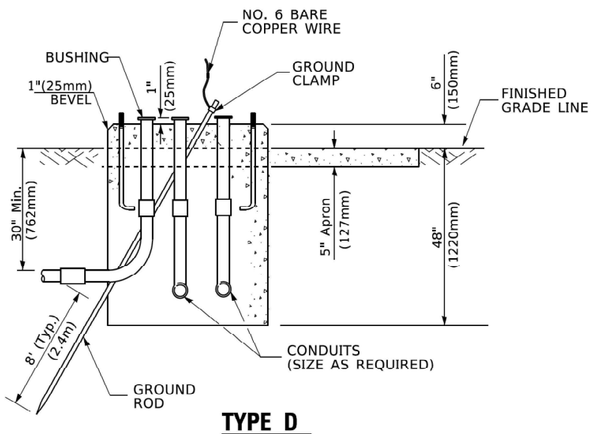

## TOP VIEW



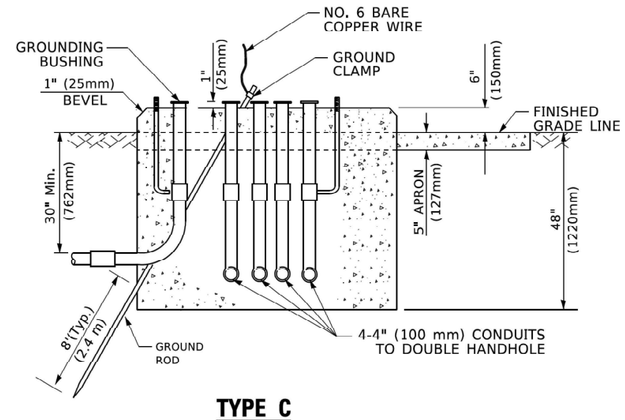

NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

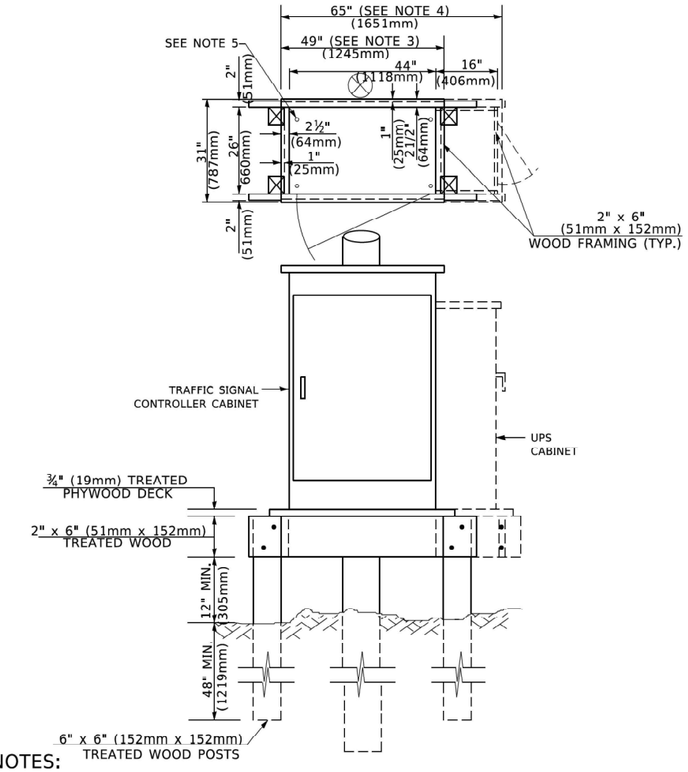
## TOP VIEW




## TYPE D
## FOR GROUND MOUNTED
## CONTROLLER CABINET
## AND UPS BATTERY CABINET




## TYPE C
## FOR GROUND MOUNTED
## SUPER P (TYPE IV) AND SUPER R (TYPE V)
## CONTROLLER CABINETS




NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

## TEMPORARY SIGNAL CONTROLLER
## WOOD SUPPORT PLATFORM

| CABLE SLACK LENGTH | FEET | METER |
|---|---|---|
| HANDHOLE | 6.5 | 2.0 |
| DOUBLE HANDHOLE | 13.0 | 4.0 |
| SIGNAL POST | 2.0 | 0.6 |
| MAST ARM | 2.0 | 0.6 |
| CONTROLLER CABINET | 1.5 | 0.5 |
| FIBER OPTIC AT CABINET | 13.0 | 4.0 |
| ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION) | 1.5 | 0.5 |
| GROUND CABLE (SIGNAL POST, MAST ARM, CABINET) | 1.5 | 0.5 |
| GROUND CABLE (BETWEEN FRAME AND COVER) | 5.0 | 1.6 |

## CABLE SLACK

| VERTICAL CABLE LENGTH | FEET | METER |
|---|---|---|
| MAST ARM POLE ( MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM) | 20.0+L | 6.0+L |
| BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE) | 13.0 | 4.0 |
| PEDESTRIAN PUSH BUTTON | 6.0 | 2.0 |
| SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP | 13.5 | 4.1 |
| SERVICE INSTALLATION POLE MOUNT TO GROUND | 13.5 | 4.1 |
| SERVICE INSTALLATION GROUND MOUNT | 6.0 | 2.0 |
| FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT) | 3.0 | 1.0 |

## VERTICAL CABLE LENGTH

| FOUNDATION | DEPTH |
|---|---|
| TYPE A - Signal Post | 4'-0" (1.2m) |
| TYPE C - CONTROLLER W/ UPS | 4'-0" (1.2m) |
| TYPE D - CONTROLLER | 4'-0" (1.2m) |
| SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE | 4'-0" (1.2m) |

## DEPTH OF FOUNDATION

| Mast Arm Length | ① Foundation Depth | Foundation Diameter | Spiral Diameter | Quantity of Rebars | Size of Rebars |
|---|---|---|---|---|---|
| Less than 30' (9.1 m) | 10'-0" (3.0 m) | 30" (750mm) | 24" (600mm) | 8 | 6(19) |
| Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m) | 13'-6" (4.1 m) | 30" (750mm) | 24" (600mm) | 8 | 6(19) |
| | 11'-0" (3.4 m) | 36" (900mm) | 30" (750mm) | 12 | 7(22) |
| Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m) | 13'-0" (4.0 m) | 36" (900mm) | 30" (750mm) | 12 | 7(22) |
| Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m) | 15'-0" (4.6 m) | 36" (900mm) | 30" (750mm) | 12 | 7(22) |
| Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m) | 21'-0" (6.4 m) | 42" (1060mm) | 36" (900mm) | 16 | 8(25) |
| Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m) | 25'-0" (7.6 m) | 42" (1060mm) | 36" (900mm) | 16 | 8(25) |

**NOTES:**

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

## DEPTH OF MAST ARM FOUNDATIONS, TYPE E

TS SHT NO. 7

MODEL: TS-05e [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198535/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ts05e.dgn

Accurate GROUP, INC.

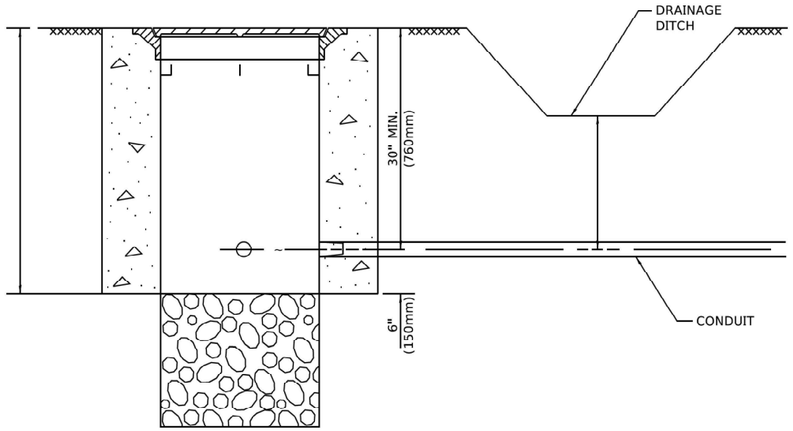
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**STANDARD TRAFFIC DESIGN DETAILS**

SCALE: NONE | SHEET 5 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 78 |
| | | CONTRACT NO. 62B64 | | |
| TS-05 | ILLINOIS | FED. AID PROJECT | | |

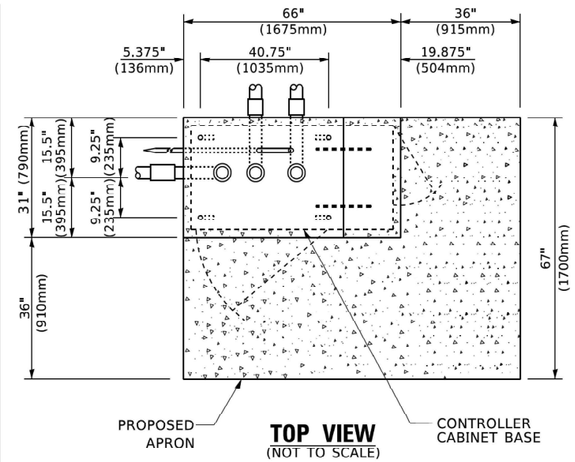



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

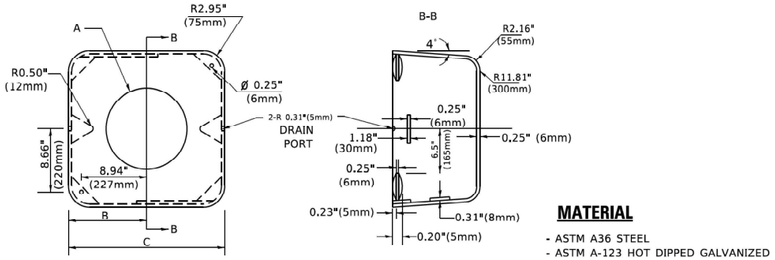
## HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)




## TOP VIEW

(NOT TO SCALE)




**MATERIAL**

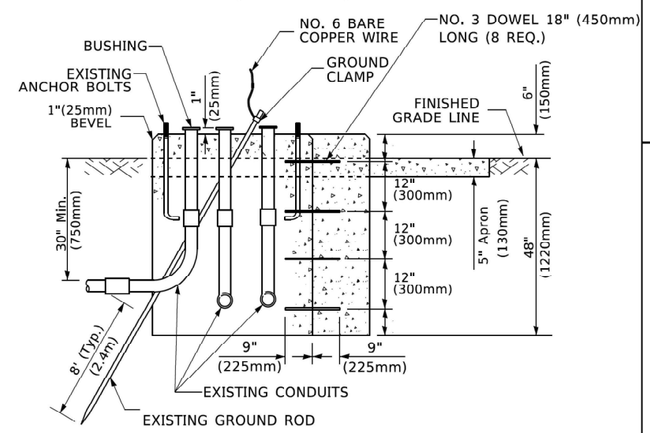
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

| A | B | C | HEIGHT | WEIGHT |
|---|---|---|---|---|
| VARIES | 9.5"(241mm) | 19"(483mm) | 7" (178mm) - 12" (300mm) | 53 lbs (24kg) |
| VARIES | 10.75"(273mm) | 21.5"(546mm) | 7" (178mm) - 12" (300mm) | 68 lbs (31 kg) |
| VARIES | 13.0"(330mm) | 26"(660mm) | 7" (178mm) - 12" (300mm) | 81 lbs (37 kg) |
| VARIES | 18.5"(470mm) | 37"(940mm) | 7" (178mm) - 12" (300mm) | 126 lbs (57 kg) |

## SHROUD

NOTES:

1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

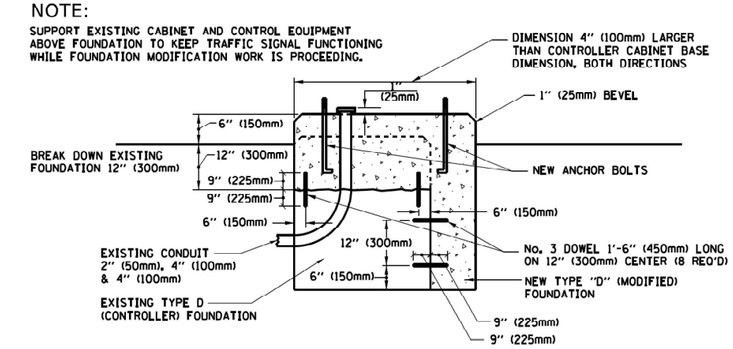



## MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

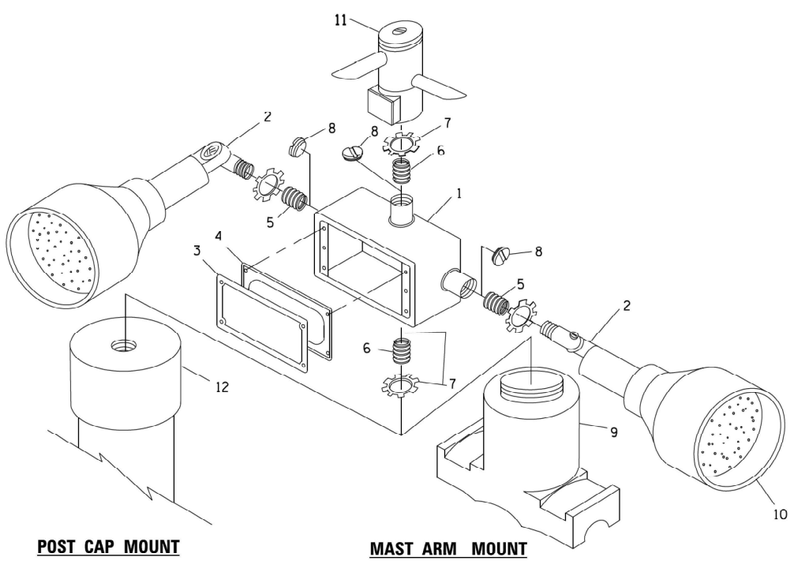
(NOT TO SCALE)

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.




## MODIFY EXISTING TYPE "D" FOUNDATION




POST CAP MOUNT

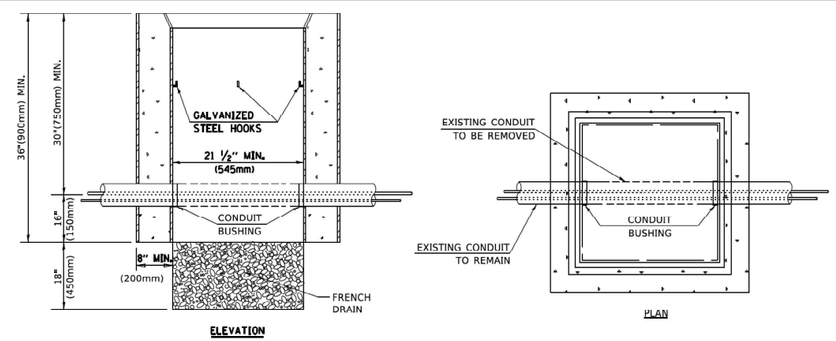
MAST ARM MOUNT

## EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

| ITEM NO. | IDENTIFICATION |
|---|---|
| 1 | OUTLET BOX GALV. 21 CU.IN. (0.000344 CU M) |
| 2 | LAMP HOLDER AND COVER |
| 3 | OUTLET BOX COVER |
| 4 | RUBBER COVER GASKET |
| 5 | REDUCING BUSHING |
| 6 | ¾"(19 mm) CLOSE NIPPLE |
| 7 | ¾"(19 mm) LOCKNUT |
| 8 | ¾"(19 mm) HOLE PLUG |
| 9 | SADDLE BRACKET - GALV. |
| 10 | 6 WATT PAR 38 LED FLOOD LAMP |
| 11 | DETECTOR UNIT |
| 12 | POST CAP [18 FT. (5.4 m) POST MIN.] |

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.




NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

## HANDHOLE TO INTERCEPT EXISTING CONDUIT

TS SHT NO. 8

MODEL: TS-05f [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-23/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198535/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ts05f.dgn

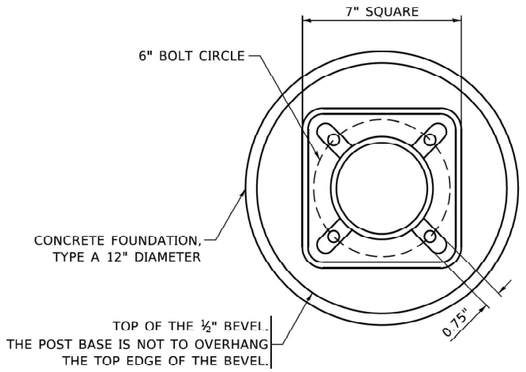
| | | | |
|---|---|---|---|
| Accurate GROUP, INC. | USER NAME = Connor.Liss | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 6/25/2025 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 7 SHEETS | STA. | TO STA.

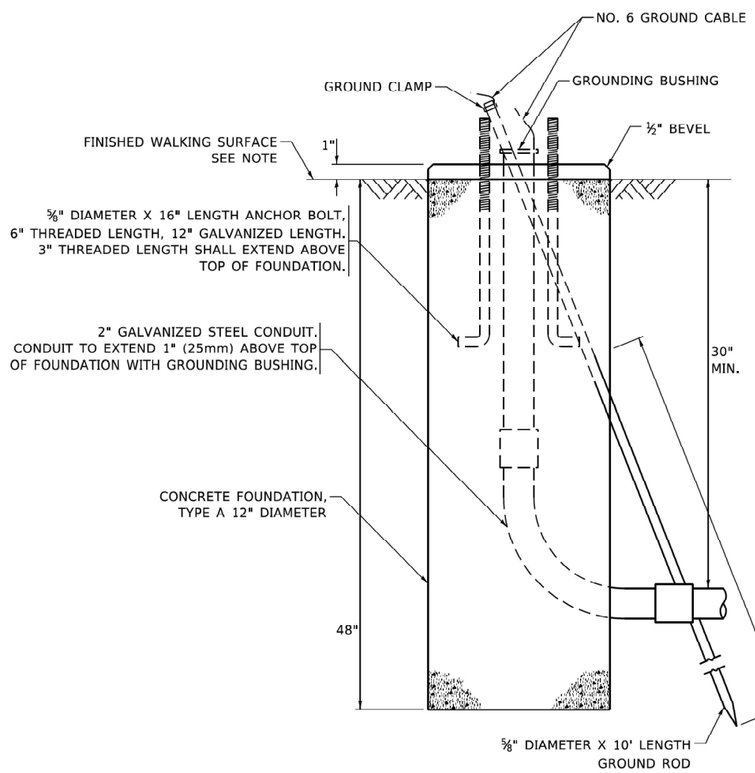
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 79 |
| | | CONTRACT NO. 62B64 | | |
| TS-05 | ILLINOIS | FED. AID PROJECT | | |



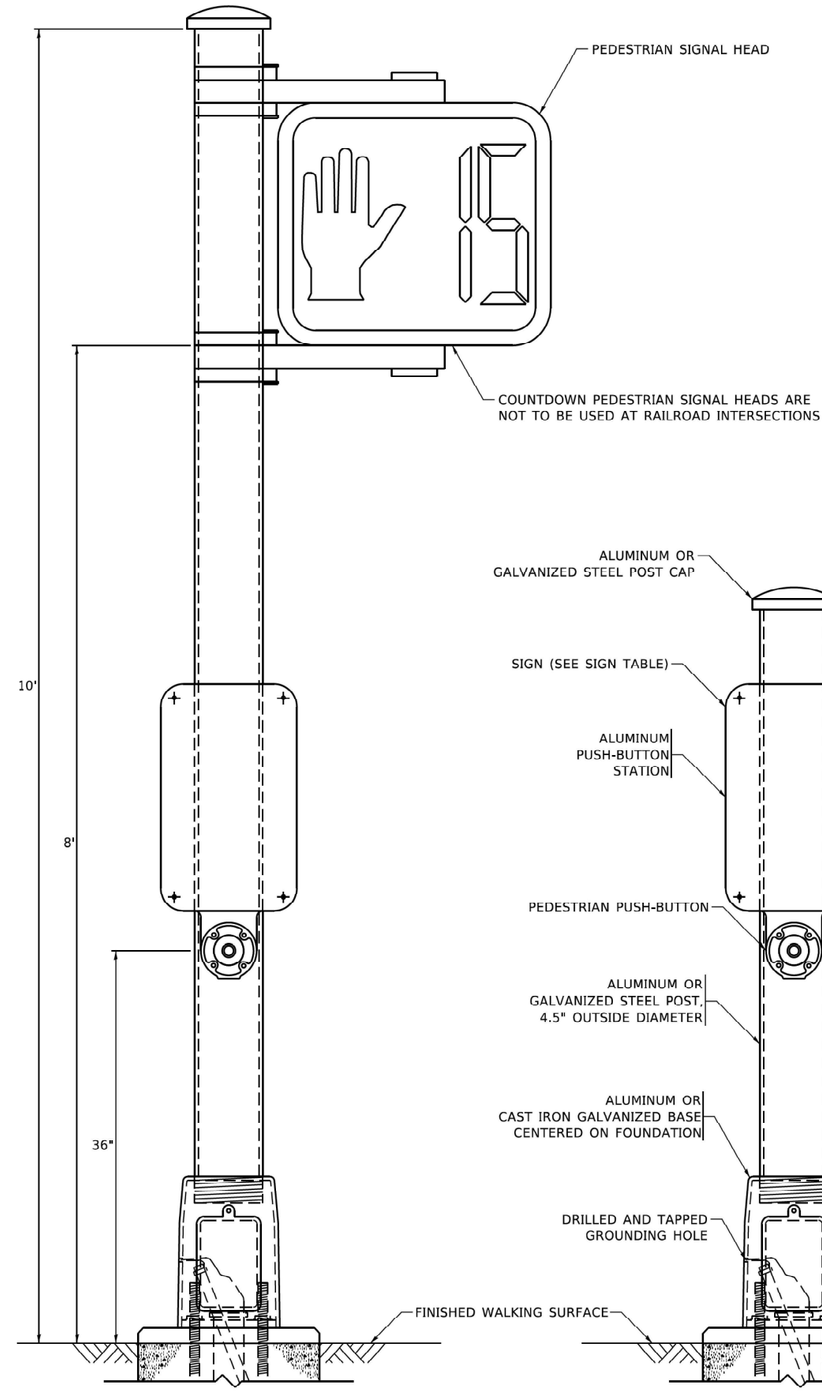

## BOLT PATTERN

**NOTE:**

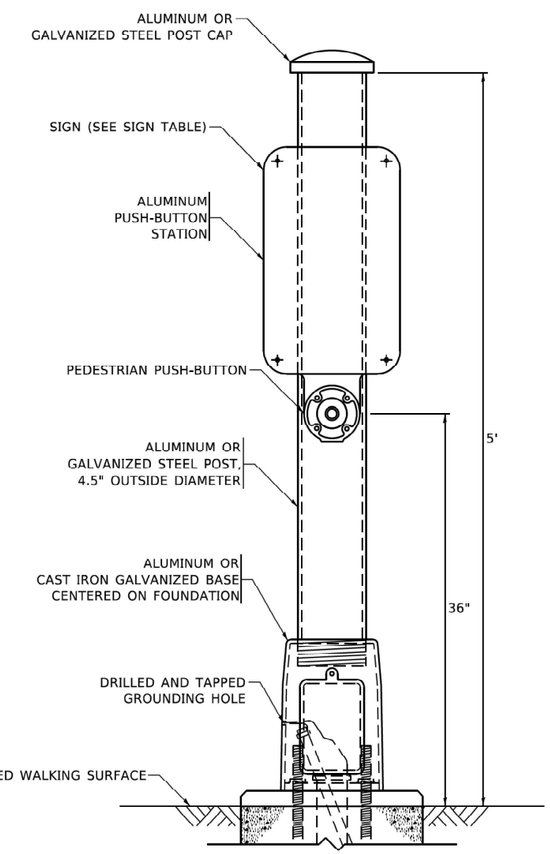
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.




## CONCRETE FOUNDATION, TYPE A 12–INCH DIAMETER




## PEDESTRIAN SIGNAL POST, 10 FT.




## PEDESTRIAN SIGNAL POST, 5 FT.


**R10–3b**


**R10–3d**


**R10–3e**

## SIGN TABLE

| SIGN | DIMENSIONS |
|---|---|
| R10-3b (RAILROAD ONLY) | 9" X 12" |
| R10-3d (RAILROAD ONLY) | 9" X 12" |
| R10-3e | 9" X 12" |

**NOTES:**

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

**TS SHT NO. 9**

MODEL: TS-05g [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-33/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB239_005/W06 - 198535/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-ts05g.dgn

| | | | | |
|---|---|---|---|---|
| Accurate GROUP, INC. | USER NAME = Connor.Liss | DESIGNED - | REVISED - 10/15/2020 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | | DRAWN - | REVISED - | |
| | PLOT SCALE = 0.16666667 ' / in. | CHECKED - | REVISED - | |
| | PLOT DATE = 6/25/2025 | DATE - | REVISED - | |

**DISTRICT ONE**
**STANDARD TRAFFIC DESIGN DETAILS**

SCALE: NONE | SHEET 7 OF 7 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 80 |
| | | CONTRACT NO. 62B64 | | |

TS-05 | ILLINOIS | FED. AID PROJECT

REMOVAL AND RELOCATION NOTES:

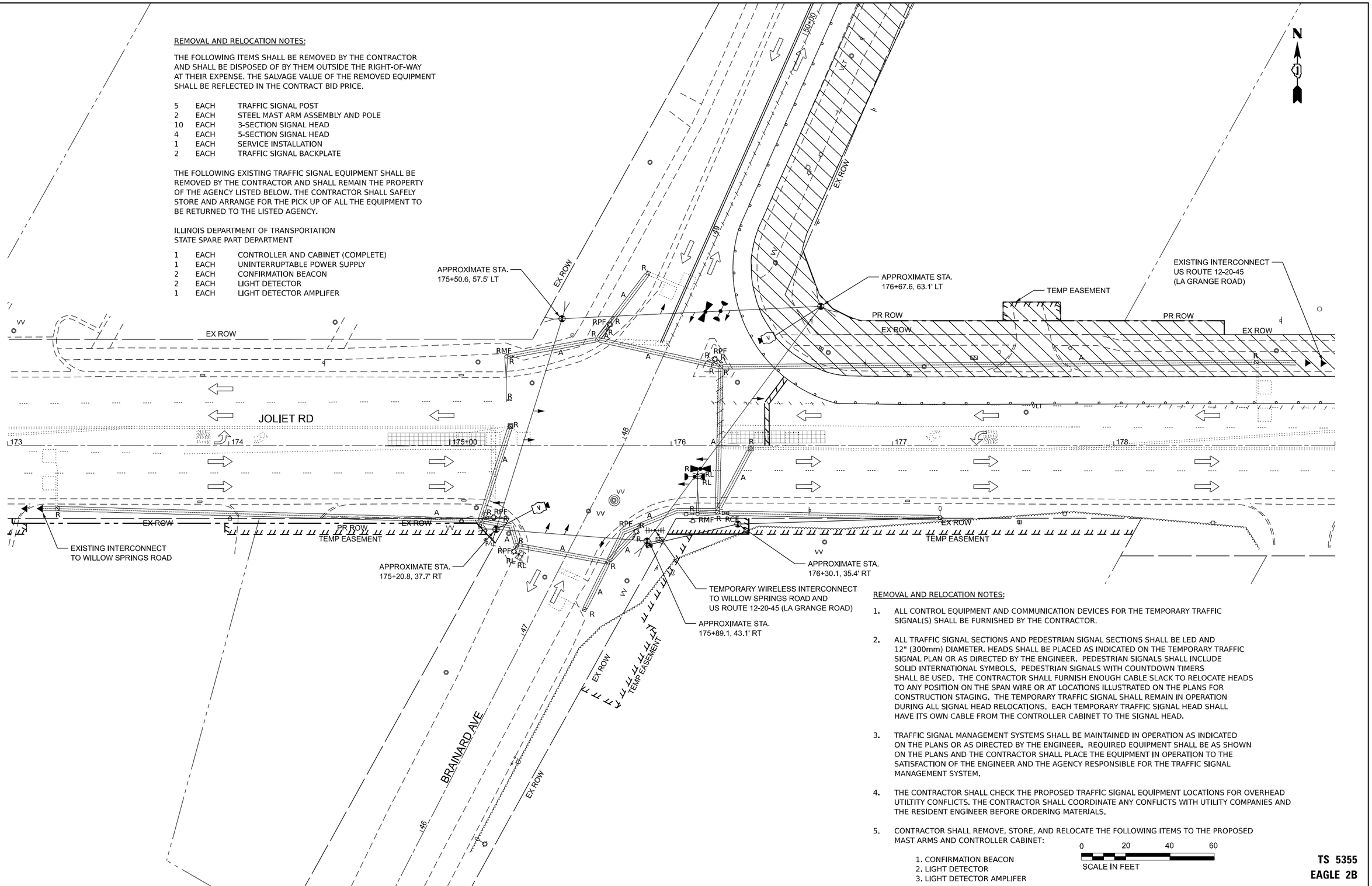
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

| | | |
|---|---|---|
| 5 | EACH | TRAFFIC SIGNAL POST |
| 2 | EACH | STEEL MAST ARM ASSEMBLY AND POLE |
| 10 | EACH | 3-SECTION SIGNAL HEAD |
| 4 | EACH | 5-SECTION SIGNAL HEAD |
| 1 | EACH | SERVICE INSTALLATION |
| 2 | EACH | TRAFFIC SIGNAL BACKPLATE |

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

ILLINOIS DEPARTMENT OF TRANSPORTATION
STATE SPARE PART DEPARTMENT

| | | |
|---|---|---|
| 1 | EACH | CONTROLLER AND CABINET (COMPLETE) |
| 1 | EACH | UNINTERRUPTABLE POWER SUPPLY |
| 2 | EACH | CONFIRMATION BEACON |
| 2 | EACH | LIGHT DETECTOR |
| 1 | EACH | LIGHT DETECTOR AMPLIFER |




REMOVAL AND RELOCATION NOTES:

1. ALL CONTROL EQUIPMENT AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.

2. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.

3. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.

4. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILTITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

5. CONTRACTOR SHALL REMOVE, STORE, AND RELOCATE THE FOLLOWING ITEMS TO THE PROPOSED MAST ARMS AND CONTROLLER CABINET:

   1. CONFIRMATION BEACON
   2. LIGHT DETECTOR
   3. LIGHT DETECTOR AMPLIFER

0 20 40 60
SCALE IN FEET

**TS 5355**
**EAGLE 2B**

**TS SHT NO. 10**

MODEL: INTERSECTION VIEW-1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Traffic Signal- Stage 1

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JD | REVISED - | |
| | DRAWN - JD | REVISED - | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 02/23/2024 | REVISED - | |

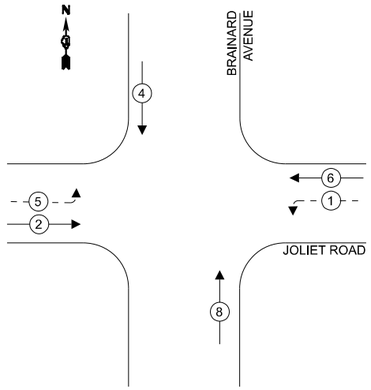
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN - STAGE 1**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 173+00.00 TO STA. 179+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 81 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

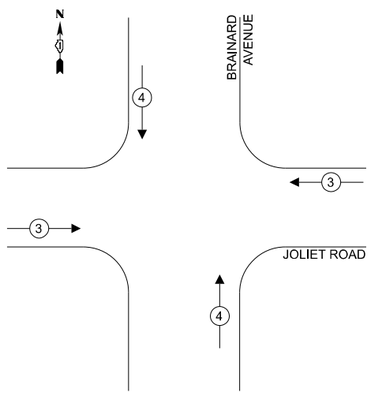
## TEMPORARY CONTROLLER SEQUENCE STAGE 1




## LEGEND

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- OL OVERLAP
- ✳ REFERS TO ASSOCIATED PHASE

## TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE – STAGE 1

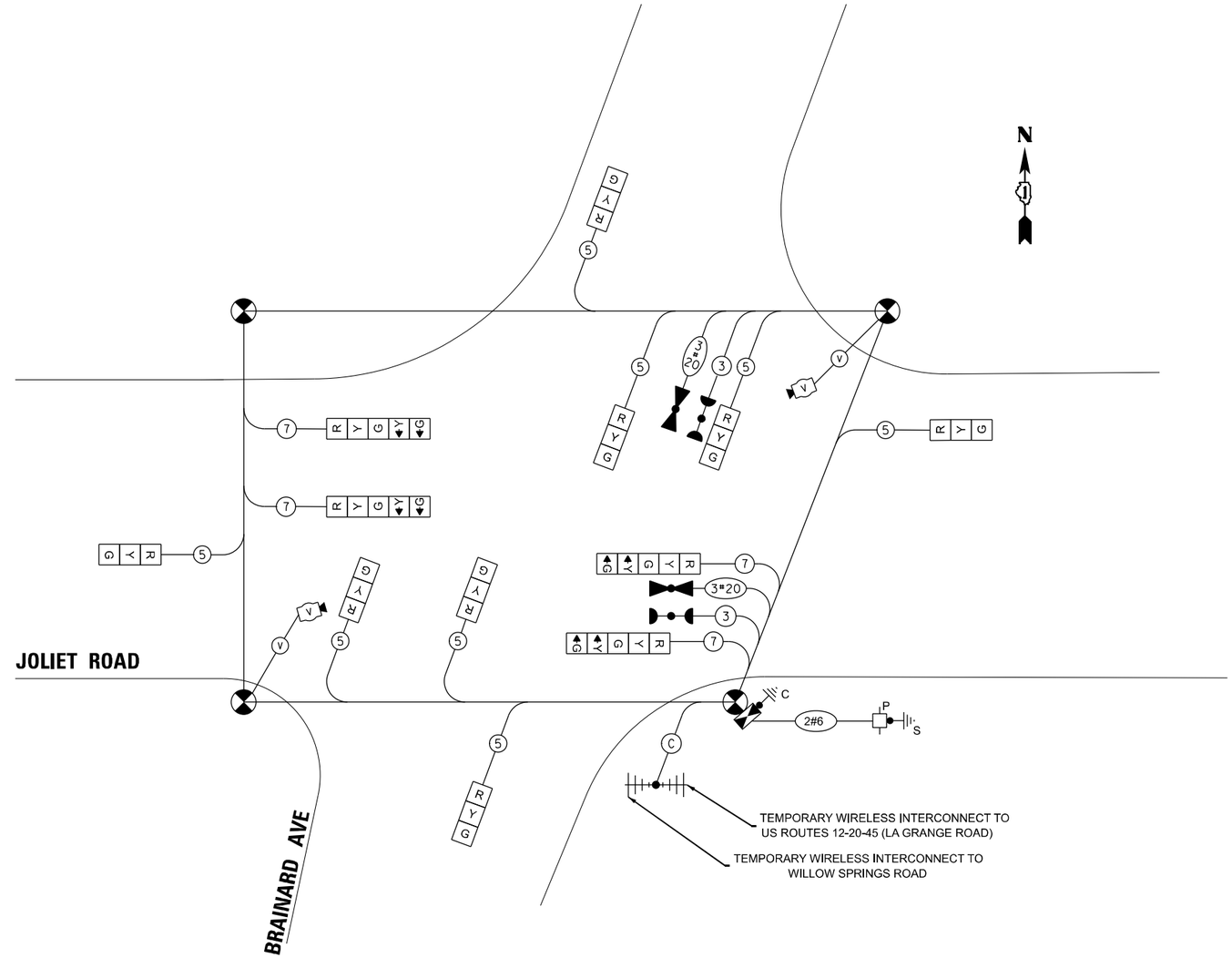



## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| (RED) | 12 | 11 | 50 | 66.0 |
| (YELLOW) | 12 | 20 | 5 | 12.0 |
| (GREEN) | 12 | 12 | 45 | 64.8 |
| PERMISSIVE ARROW | 8 | 10 | 10 | 8.0 |
| PED. SIGNAL | 0 | 20 | 100 | 0.0 |
| VIDEO SYSTEM | 2 | 150 | 100 | 300.0 |
| CONTROLLER | 1 | 100 | 100 | 100.0 |
| UPS | 1 | 25 | 100 | 25.0 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | TOTAL = | 575.8 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT
SCHAUMBURG, IL 60196

COMED REPRESENTATIVE
(866) 639-3532
COMMONWEALTH EDISON
---




## TEMPORARY CABLE PLAN – STAGE 1

NOT TO SCALE

TS 5355
EAGLE 2B

TS SHT NO. 11

MODEL: Temporary Traffic Signal Cable Plan - Stage 1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 195565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Traffic Signal- Cable Plan Stage 1.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JD | REVISED - | |
| | DRAWN - JD | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 02/23/2024 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

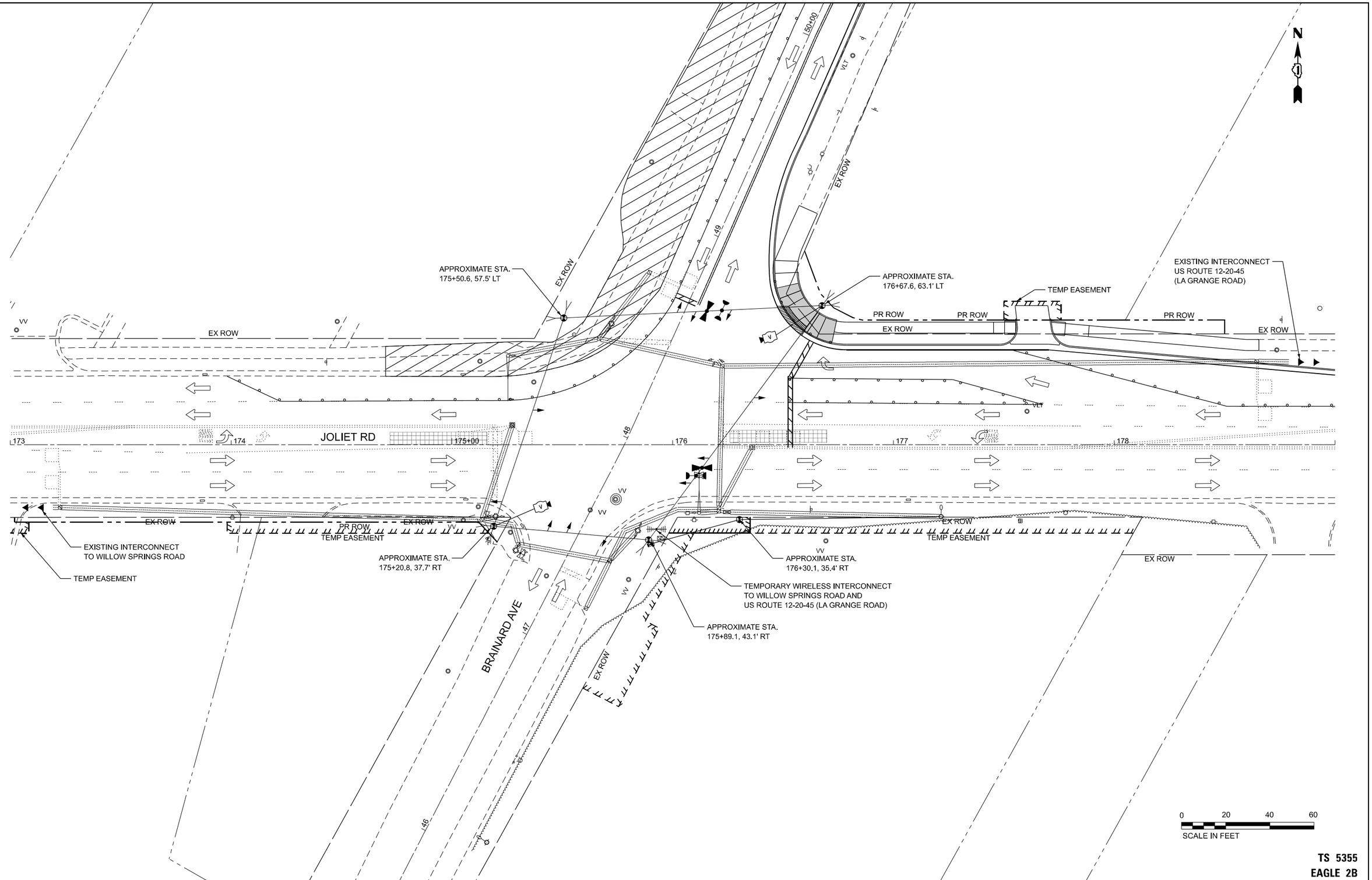
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE - STAGE 1
JOLIET ROAD AT BRAINARD AVENUE

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 82 |

CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




**TS 5355**
**EAGLE 2B**

**TS SHT NO. 12**

MODEL: INTERSECTION-STAGE 2 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserv_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Traffic Signal- Stage 2

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JJD | REVISED - | |
| | DRAWN - JLS | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - JJD | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/02/2024 | REVISED - | |

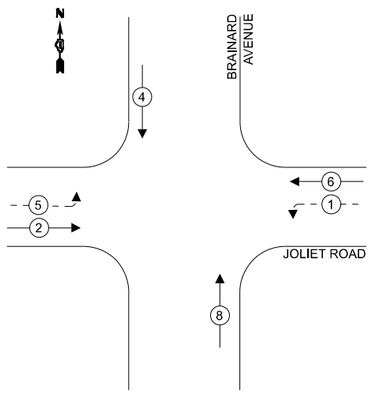
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN - STAGE 2**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1'=20' | SHEET 1 OF 1 SHEETS | STA. 173+00.00 TO STA. 179+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 83 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

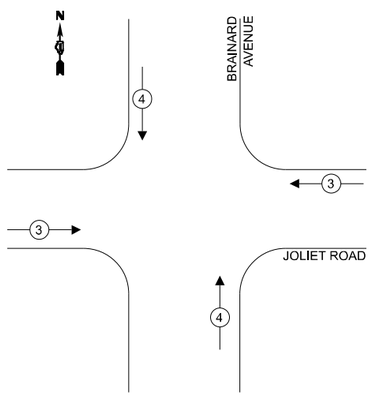
## TEMPORARY CONTROLLER SEQUENCE STAGE 2




## LEGEND

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- OL OVERLAP
- ✳ REFERS TO ASSOCIATED PHASE

## TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE – STAGE 2




## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| (RED) | 12 | 11 | 50 | 66.0 |
| (YELLOW) | 12 | 20 | 5 | 12.0 |
| (GREEN) | 12 | 12 | 45 | 64.8 |
| PERMISSIVE ARROW | 8 | 10 | 10 | 8.0 |
| PED. SIGNAL | 0 | 20 | 100 | 0.0 |
| VIDEO SYSTEM | 2 | 150 | 100 | 300.0 |
| CONTROLLER | 1 | 100 | 100 | 100.0 |
| UPS | 1 | 25 | 100 | 25.0 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | TOTAL = | 575.8 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT
SCHAUMBURG, IL 60196

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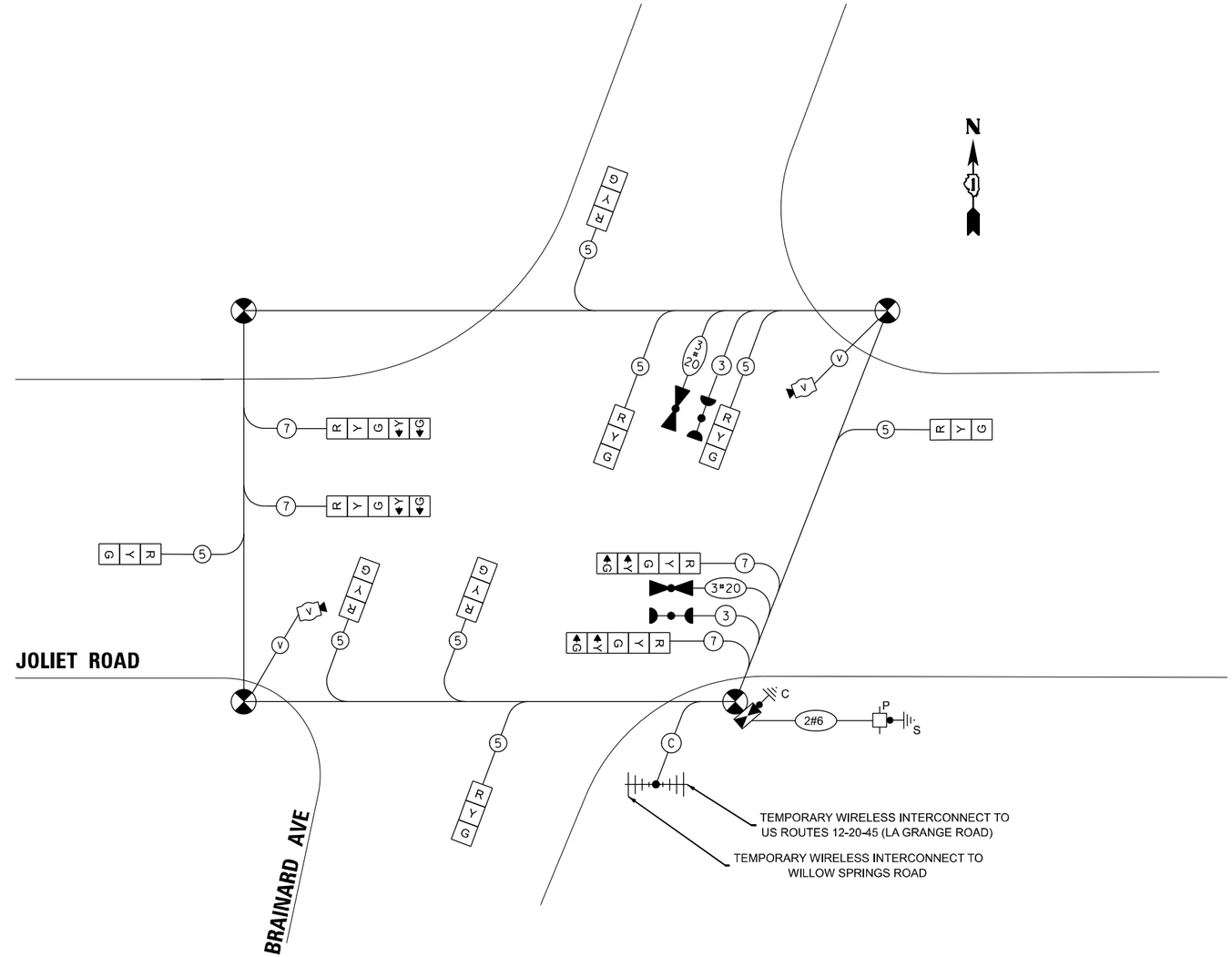
(866) 639-3532
COMMONWEALTH EDISON
---




## TEMPORARY CABLE PLAN – STAGE 2

NOT TO SCALE

TS 5355
EAGLE 2B

TS SHT NO. 13

MODEL: Temporary Traffic Signal Cable Plan - Stage 2 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-eIn-Traffic Signal- Cable Plan Stage 2.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JD | REVISED - | |
| | DRAWN - JD | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 02/23/2024 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

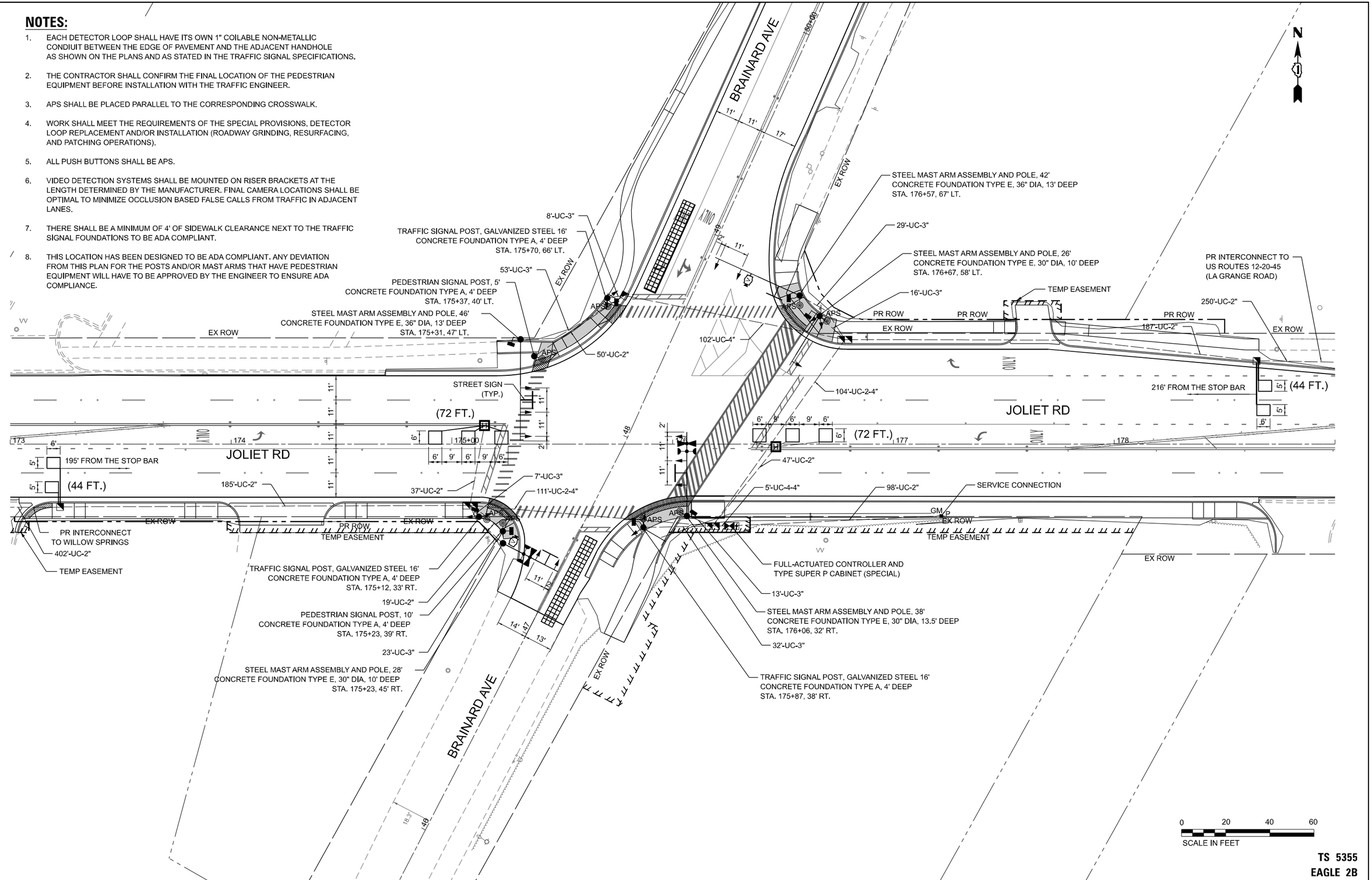
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE - STAGE 2
JOLIET ROAD AT BRAINARD AVENUE

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 84 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

## NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDIUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC ENGINEER.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
5. ALL PUSH BUTTONS SHALL BE APS.
6. VIDEO DETECTION SYSTEMS SHALL BE MOUNTED ON RISER BRACKETS AT THE LENGTH DETERMINED BY THE MANUFACTURER. FINAL CAMERA LOCATIONS SHALL BE OPTIMAL TO MINIMIZE OCCLUSION BASED FALSE CALLS FROM TRAFFIC IN ADJACENT LANES.
7. THERE SHALL BE A MINIMUM OF 4' OF SIDEWALK CLEARANCE NEXT TO THE TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
8. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR THE POSTS AND/OR MAST ARMS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.




TS 5355
EAGLE 2B

TS SHT NO. 14

MODEL: INTERSECTION VIEW-1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserv_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Traffic Signal Proposed

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JD | REVISED - | |
| | DRAWN - JD | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - AB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 02/23/2024 | REVISED - | |

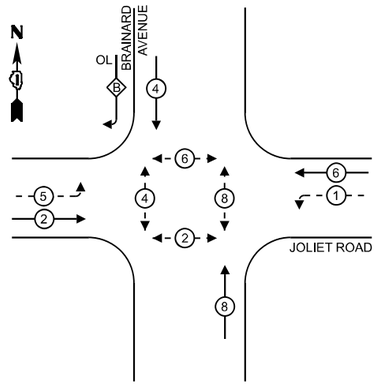
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1'=20' | SHEET 1 OF 1 SHEETS | STA. 173+00.00 TO STA. 179+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 85 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

## PROPOSED CONTROLLER SEQUENCE



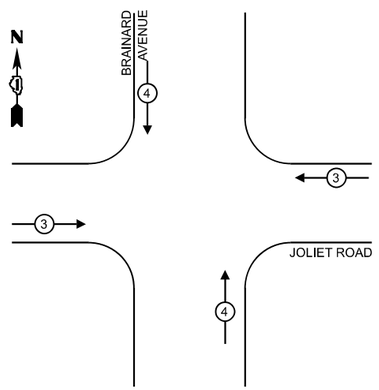

## LEGEND

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP
- ✱ REFERS TO ASSOCIATED PHASE

## RIGHT TURN OVERLAP PHASE DESIGNATION:

| OVERLAP LETTER | | PERMISSIVE PHASE | | PROTECTED PHASE |
|---|---|---|---|---|
| B | = | 4 | + | 5 |

## PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE




## TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|---|---|---|---|---|
| SIGNAL (RED) | 19 | 11 | 50 | 104.5 |
| (YELLOW) | 19 | 20 | 5 | 19.0 |
| (GREEN) | 19 | 12 | 45 | 102.6 |
| PERMISSIVE ARROW | 12 | 10 | 10 | 12.0 |
| PED. SIGNAL | 8 | 20 | 100 | 160.0 |
| VIDEO SYSTEM | 2 | 150 | 100 | 300.0 |
| CONTROLLER | 1 | 100 | 100 | 100.0 |
| UPS | 1 | 25 | 100 | 25.0 |
| ST. NAME SIGNS | 4 | 120 | 50 | 240.0 |
| | | | | |
| | | | | |
| | | | | |
| | | | TOTAL = | 1063.1 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT
SCHAUMBURG, IL 60196

COMED REPRESENTATIVE
(866) 639-3532
COMMONWEALTH EDISON
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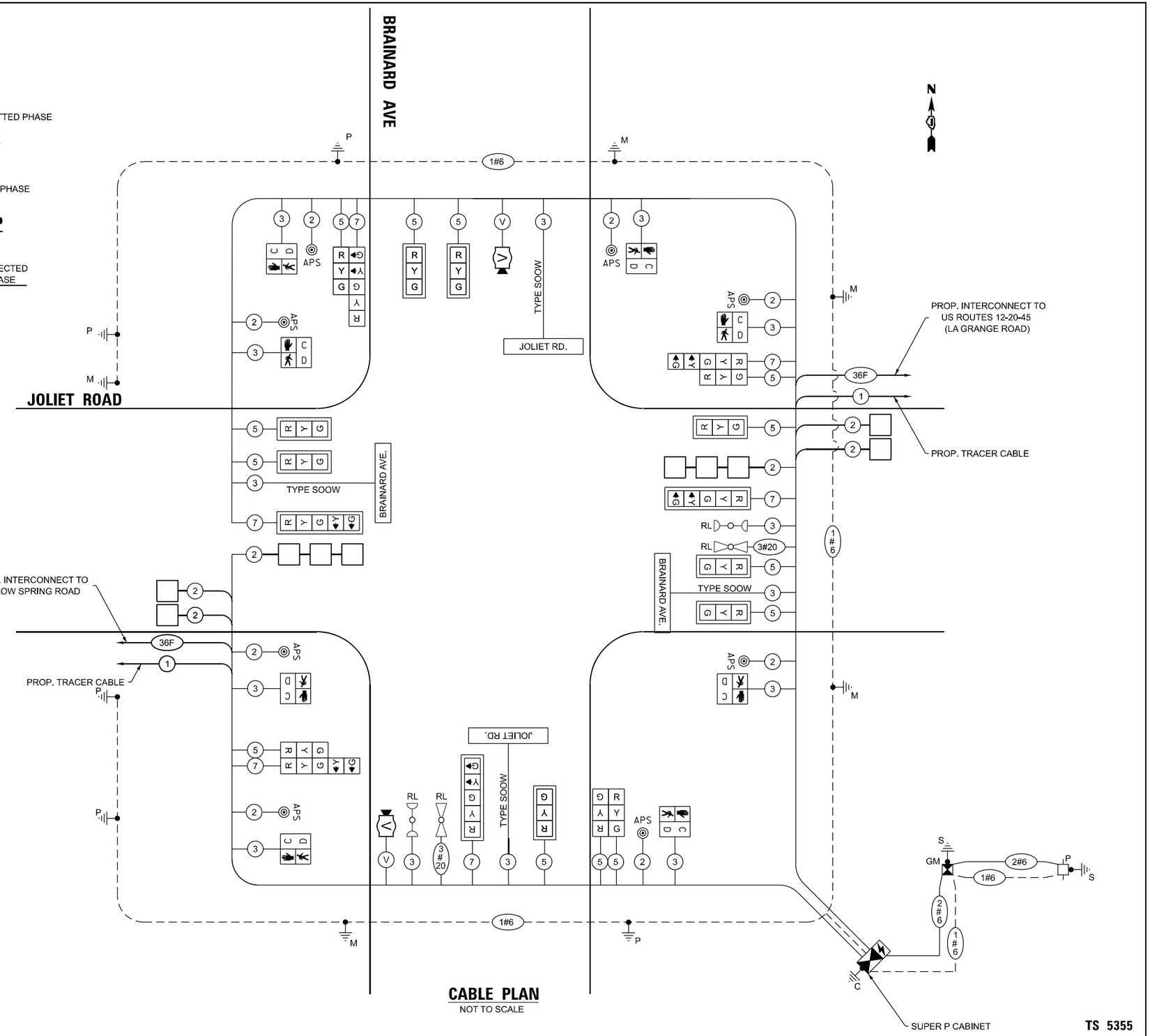
## NOTE:

1. ALL RED SIGNAL INDICATIONS SHALL HAVE A LENS COVER.




## CABLE PLAN

NOT TO SCALE

TS SHT NO. 15

MODEL: Proposed Traffic Signal Cable Plan (Sheet)
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Traffic Signal- Proposed Cable Plan.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JJD | REVISED - | |
| | DRAWN - JLS | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - JJD | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/02/2024 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**
**JOLIET ROAD AT BRAINARD AVENUE**

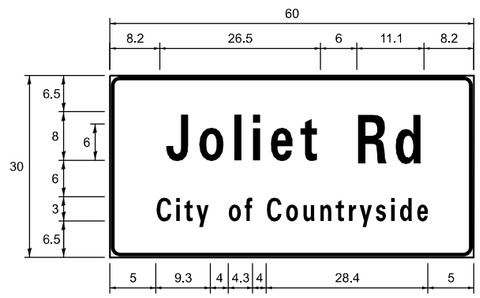
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 86 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

TS 5355
EAGLE 2B

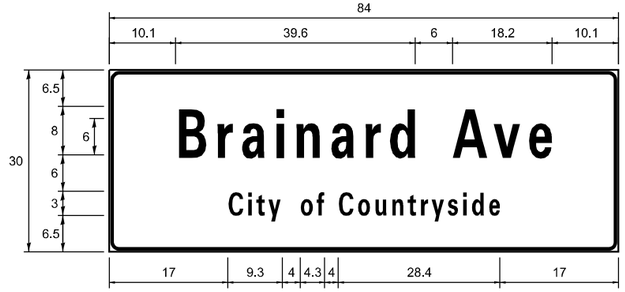
## LED INTERNALLY ILLUMINATED STREET NAME SIGNS

ALL DIMENSIONS ARE INCHES UNLESS NOTED OTHERWISE




SIGNS SHALL BE DOUBLE SIDED

| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 9 | LED | ZZ | 2 |




SIGNS SHALL BE DOUBLE SIDED

| DESIGN SERIES | AREA (SQ FT) | SIGN PANEL TYPE | SHEETING TYPE | QTY. REQUIRED |
|---|---|---|---|---|
| D | 12 | LED | ZZ | 2 |

## NOTE

1. FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION, PLEASE SEE TS-02 DISTRICT ONE MAST ARM MOUNTED STREET SIGNS

| | ITEM DESCRIPTION | UNIT | TOTAL QTY |
|---|---|---|---|
| | UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 181 |
| | UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 552 |
| | HANDHOLE | EACH | 3 |
| | HEAVY-DUTY HANDHOLE | EACH | 2 |
| | DOUBLE HANDHOLE | EACH | 3 |
| | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 1375 |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1755 |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 2675 |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 1308 |
| | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 931 |
| | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 98 |
| | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 1231 |
| | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 3 |
| | STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. | EACH | 1 |
| | STEEL MAST ARM ASSEMBLY AND POLE, 28 FT. | EACH | 1 |
| | STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. | EACH | 1 |
| | STEEL MAST ARM ASSEMBLY AND POLE, 42 FT. | EACH | 1 |
| | STEEL MAST ARM ASSEMBLY AND POLE, 46 FT. | EACH | 1 |
| | CONCRETE FOUNDATION, TYPE A | FOOT | 20 |
| | CONCRETE FOUNDATION, TYPE C | FOOT | 4 |
| | CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 34 |
| | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 26 |
| | DRILL EXISTING HANDHOLE | EACH | 2 |
| | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 8 |
| | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 5 |
| | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 3 |
| | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 3 |
| | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 8 |
| | TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 11 |
| | INDUCTIVE LOOP DETECTOR | EACH | 6 |
| | DETECTOR LOOP, TYPE I | FOOT | 232 |
| | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| *1 | RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT | EACH | 2 |
| *1 | RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT | EACH | 2 |
| | MODIFY EXISTING CONTROLLER | EACH | 1 |
| | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| | REMOVE EXISTING HANDHOLE | EACH | 10 |
| | REMOVE EXISTING DOUBLE HANDHOLE | EACH | 1 |
| | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 7 |
| *2 | LED INTERNALLY ILLUMINATED STREET NAME SIGN | EACH | 4 |
| | SERVICE INSTALLATION, GROUND MOUNTED, METERED | EACH | 1 |
| | PEDESTRIAN SIGNAL POST, 10 FT. | EACH | 1 |
| | PEDESTRIAN SIGNAL POST, 5 FT. | EACH | 1 |
| *2 | ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW | FOOT | 925 |
| | REMOVE EXISTING JUNCTION BOX | EACH | 2 |
| | FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL) | EACH | 1 |
| | UNINTERRUPTABLE POWER SUPPLY (SPECIAL) | EACH | 1 |
| | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM36F | FOOT | 6079 |
| | ACCESSIBLE PEDESTRIAN SIGNALS | EACH | 8 |
| | LED SIGNAL FACE, LENS COVER | EACH | 19 |
| | VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH | EACH | 2 |
| | EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C | FOOT | 321 |
| | TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 2 |
| *1 | RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2 | EACH | 1 |

*1 - 100% COST TO THE PLEASANTVIEW FIRE PROTECTION DISTRICT

*2 - 100% COST TO THE CITY OF COUNTRYSIDE

TS 5355

EAGLE 2B

TS SHT NO. 16

MODEL: Traffic Signal Schedule of Quantities-1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Traffic Signal-schedule.dgn

Accurate GROUP, INC.

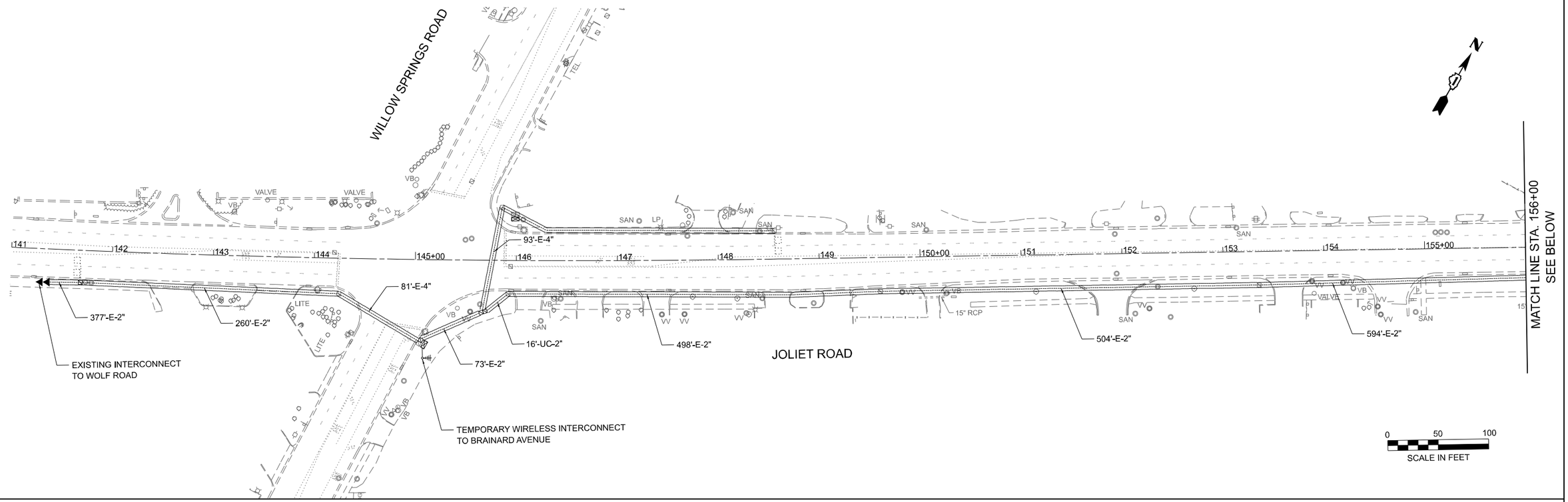
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JJD | REVISED - | |
| | DRAWN - AK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - JJD | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/02/2024 | REVISED - | |

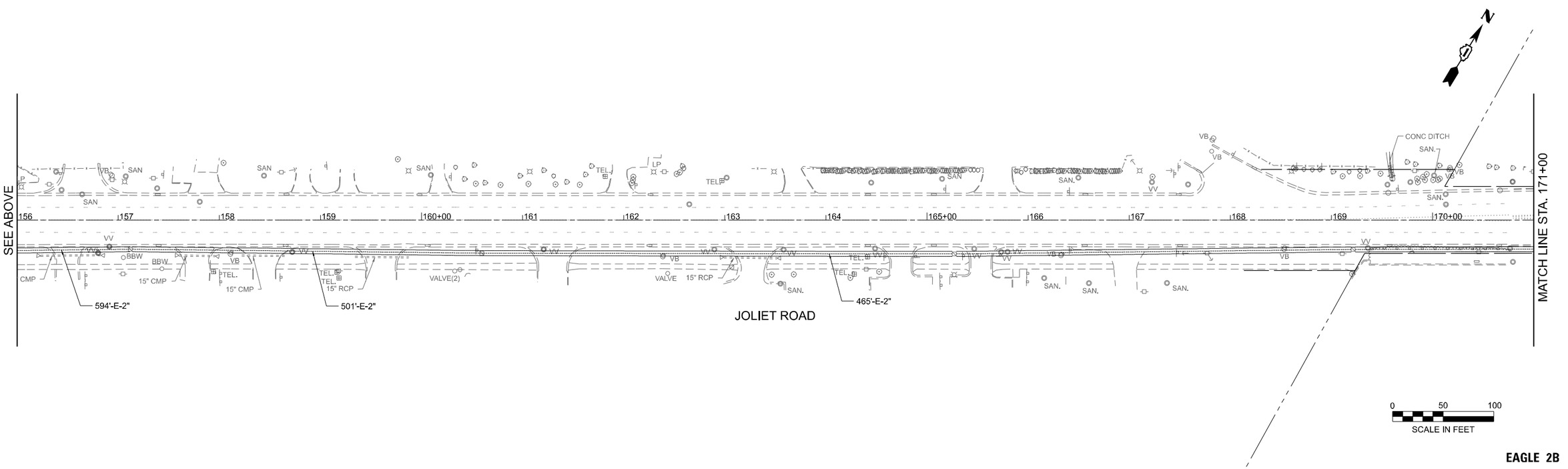
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LED INTERNALLY ILLUMINATED STREET SIGNS AND SCHEDULE OF QUANTITIES
JOLIET ROAD AT BRAINARD AVENUE

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

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 87 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




EAGLE 2B

TS SHT NO. 17

MODEL: Temporary Interconnect-1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-TempTraffic Signal-Interconnect.dgn

Accurate GROUP, INC.

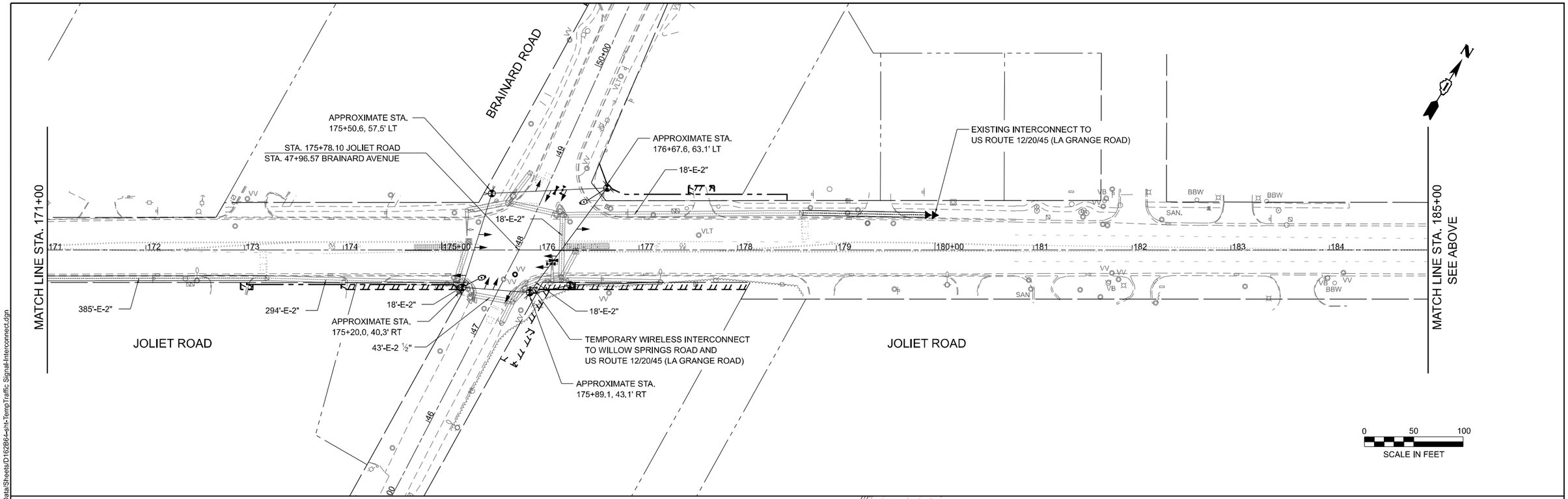
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JJD | REVISED - | |
| | DRAWN - JLS | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - JJD | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/02/2024 | REVISED - | |

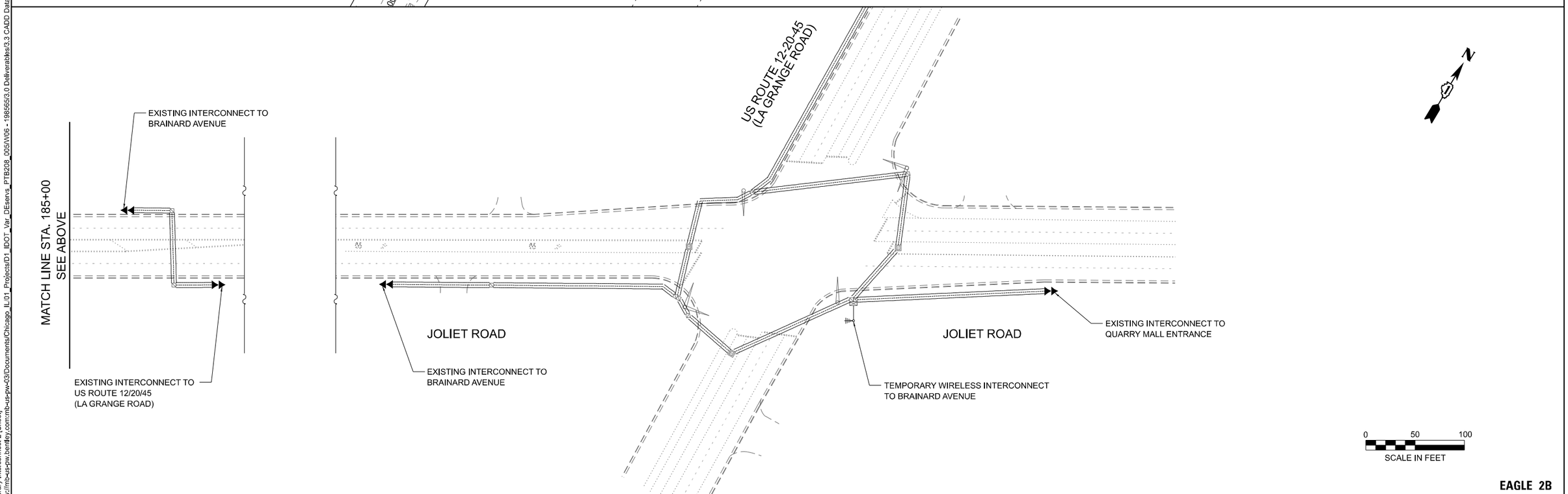
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN (SHEET 1 OF 2)**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 141+00.00 TO STA. 171+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 88 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |




**EAGLE 2B**

**TS SHT NO. 18**

MODEL: Temporary Interconnect-2 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserv_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-TempTraffic Signal-Interconnect.dgn

Accurate GROUP, INC.

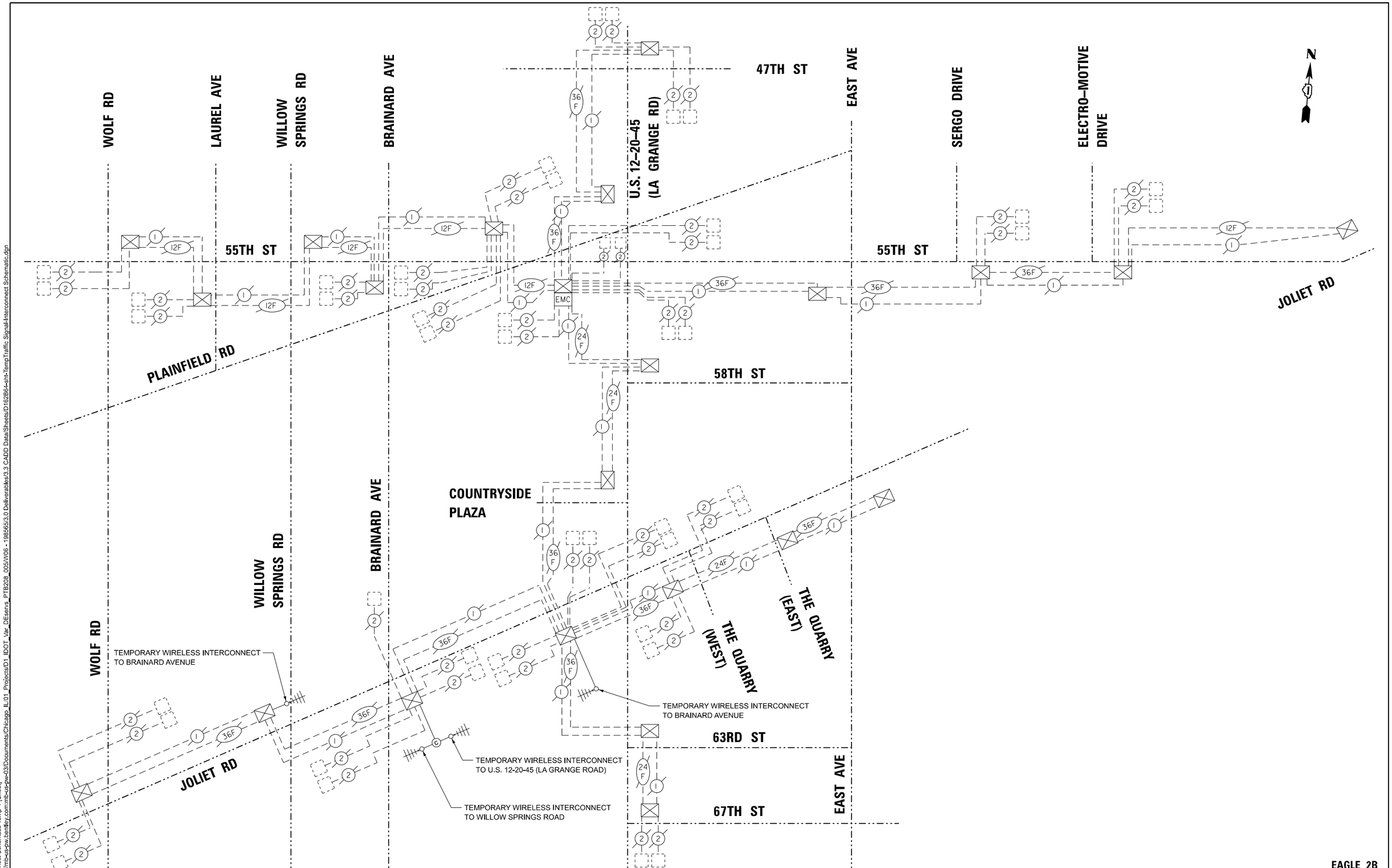
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JJD | REVISED - | |
| | DRAWN - JLS | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - JJD | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/02/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN (SHEET 2 OF 2)**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 171+00.00 TO STA. 185+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 89 |
| | | CONTRACT NO. 62B64 | | |
| | ILLINOIS | FED. AID PROJECT | | |




EAGLE 2B

TS SHT NO. 19

MODEL: Interconnect Schematic-Temp-1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DServs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-TempTraffic Signal-Interconnect Schematic.dgn

Accurate GROUP, INC.

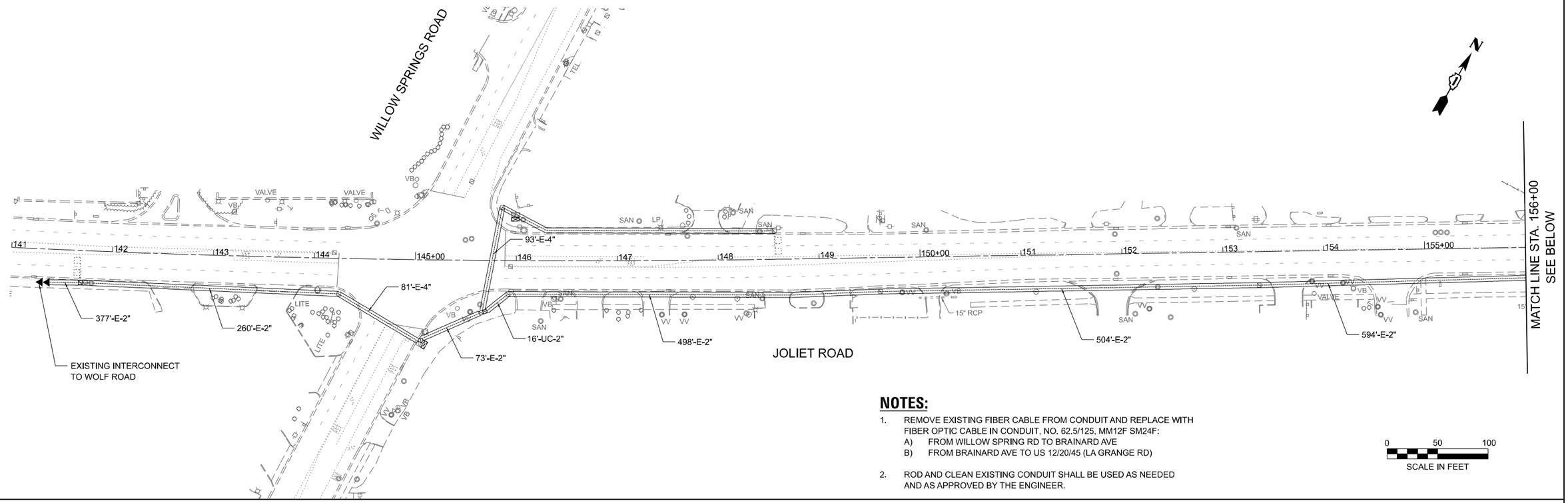
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JJD | REVISED - | |
| | DRAWN - JLS | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - JJD | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/02/2024 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC
JOLIET ROAD AT BRAINARD AVENUE

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

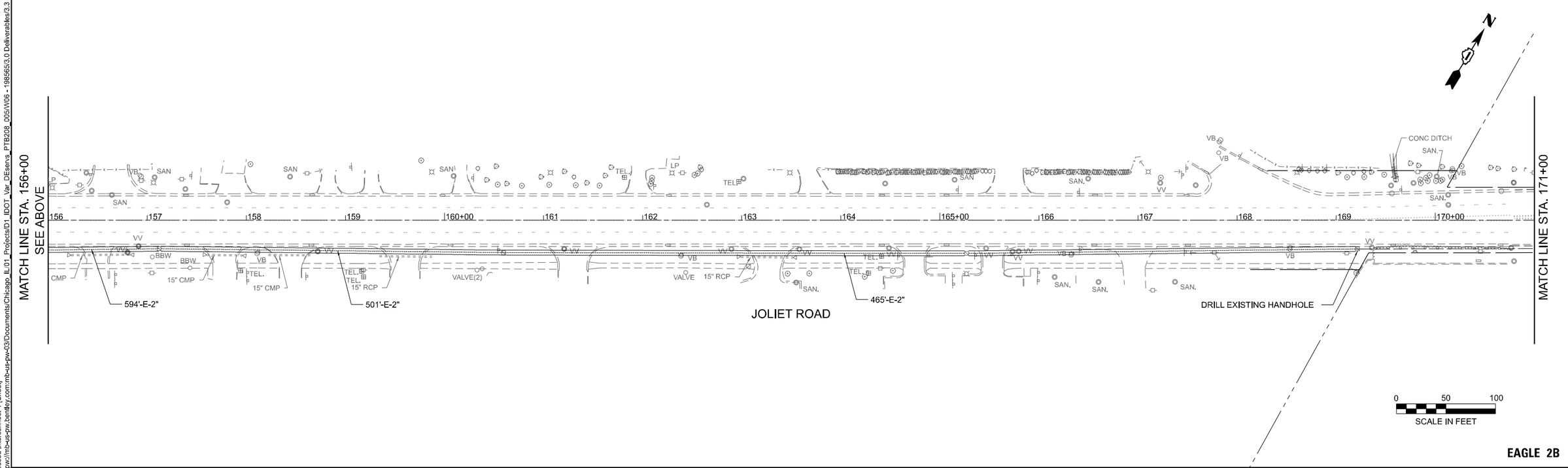
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 90 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




## NOTES:

1. REMOVE EXISTING FIBER CABLE FROM CONDUIT AND REPLACE WITH FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F:
   A) FROM WILLOW SPRING RD TO BRAINARD AVE
   B) FROM BRAINARD AVE TO US 12/20/45 (LA GRANGE RD)
2. ROD AND CLEAN EXISTING CONDUIT SHALL BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER.

0 50 100
SCALE IN FEET




0 50 100
SCALE IN FEET

EAGLE 2B

TS SHT NO. 20

MODEL: Proposed Interconnect-1 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Proposed Traffic Signal-Interconnect.dgn

Accurate GROUP, INC.

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JJD | REVISED - | |
| | DRAWN - JLS | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - JJD | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/02/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

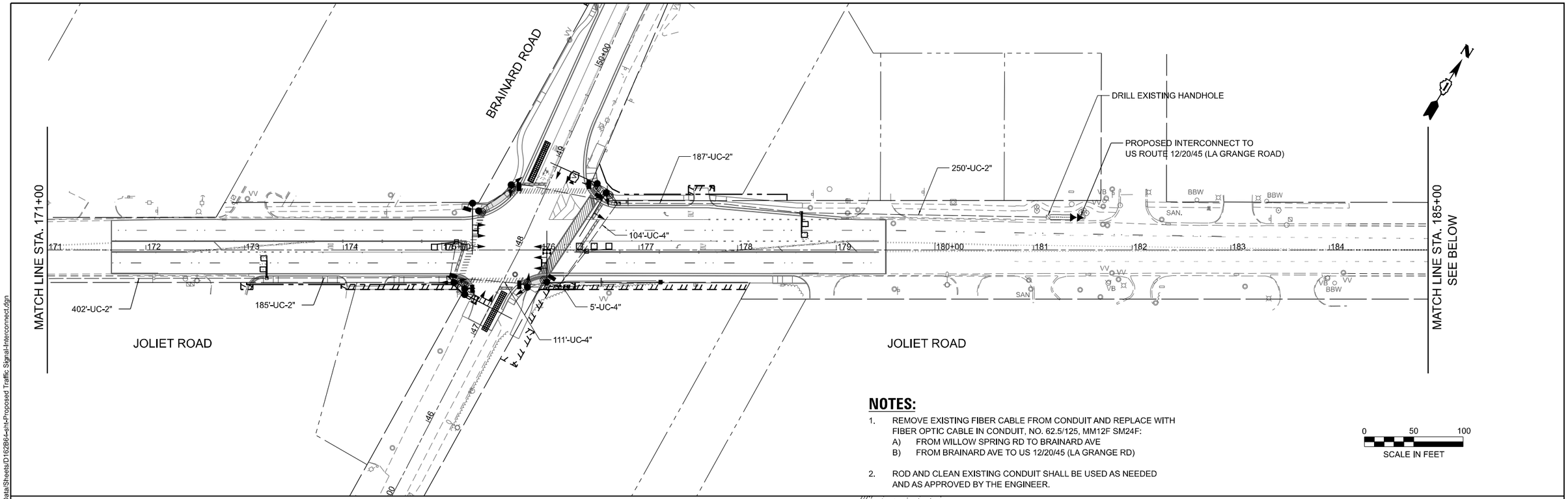
**PROPOSED INTERCONNECT PLAN (SHEET 1 OF 2)**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 141+00.00 TO STA. 171+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 91 |

CONTRACT NO. 62B64

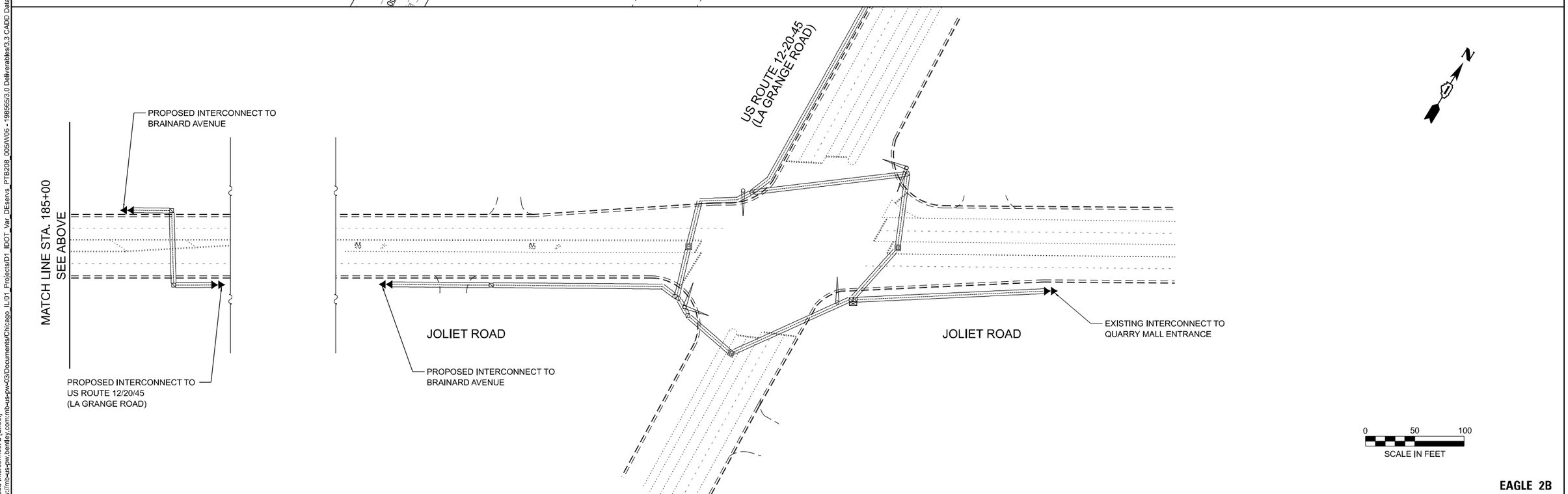
ILLINOIS | FED. AID PROJECT




## NOTES:

1. REMOVE EXISTING FIBER CABLE FROM CONDUIT AND REPLACE WITH FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F:
   A) FROM WILLOW SPRING RD TO BRAINARD AVE
   B) FROM BRAINARD AVE TO US 12/20/45 (LA GRANGE RD)
2. ROD AND CLEAN EXISTING CONDUIT SHALL BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER.

0 50 100
SCALE IN FEET



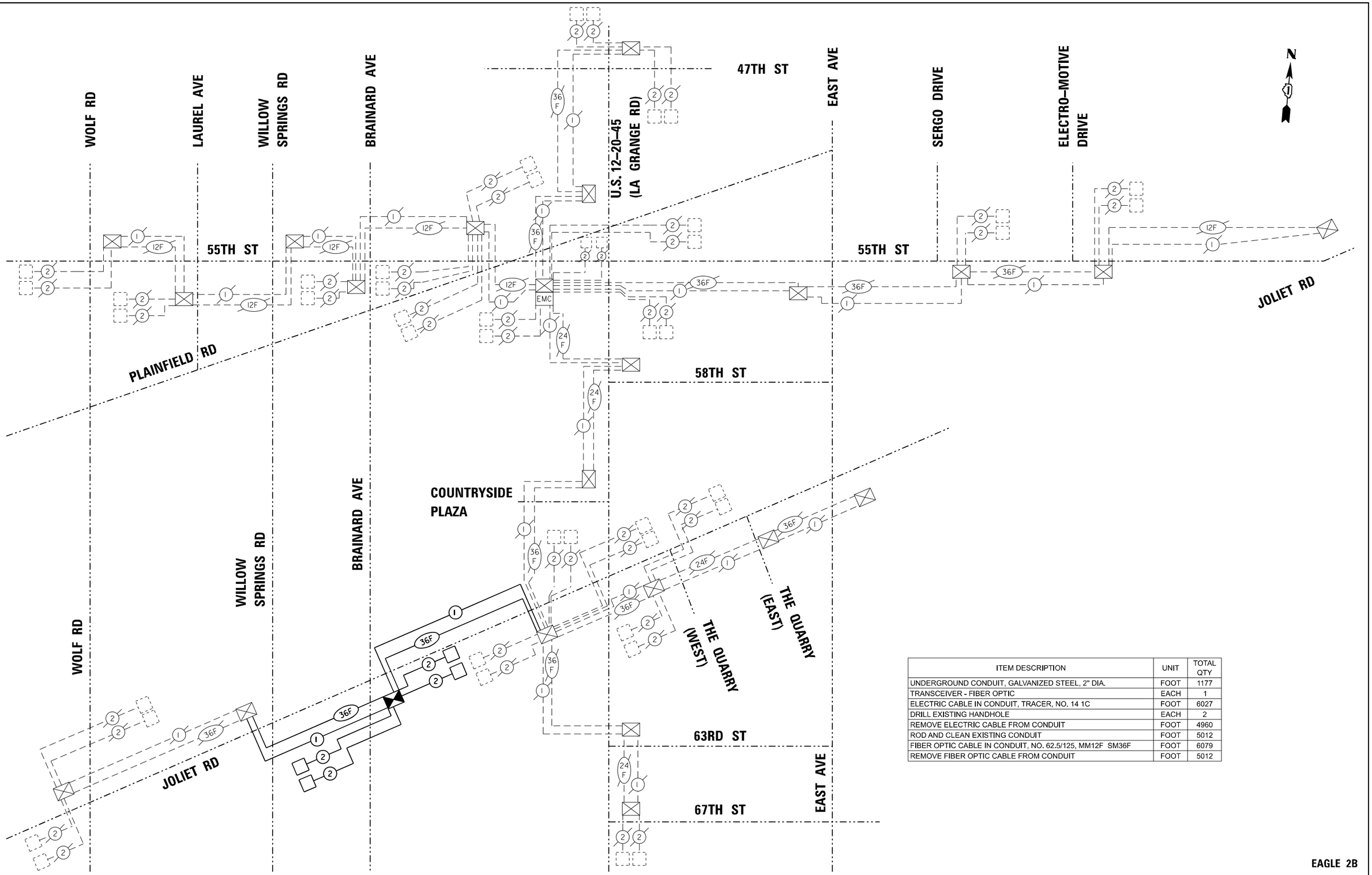

0 50 100
SCALE IN FEET

EAGLE 2B

TS SHT NO. 21

MODEL: Proposed Interconnect-2 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Proposed Traffic Signal-Interconnect.dgn

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Accurate GROUP, INC. | USER NAME = Connor.Liss | DESIGNED - JJD | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PROPOSED INTERCONNECT PLAN (SHEET 2 OF 2) JOLIET ROAD AT BRAINARD AVENUE | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | DRAWN - JLS | REVISED - | | | 3562 | (430Y)N-1 | COOK | 117 | 92 |
| | PLOT SCALE = 0.16666633 ' / in. | CHECKED - JJD | REVISED - | | | | | CONTRACT NO. 62B64 | | |
| | PLOT DATE = 6/25/2025 | DATE - 07/02/2024 | REVISED - | | SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 171+00.00 TO STA. 186+00.00 | | | ILLINOIS FED. AID PROJECT | | |




| ITEM DESCRIPTION | UNIT | TOTAL QTY |
|---|---|---|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 1177 |
| TRANSCEIVER - FIBER OPTIC | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C | FOOT | 6027 |
| DRILL EXISTING HANDHOLE | EACH | 2 |
| REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 4960 |
| ROD AND CLEAN EXISTING CONDUIT | FOOT | 5012 |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM36F | FOOT | 6079 |
| REMOVE FIBER OPTIC CABLE FROM CONDUIT | FOOT | 5012 |

EAGLE 2B

TS SHT NO. 22

MODEL: Proposed Interconnect Schematic [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-Proposed Traffic Signal-Interconnect Schematic.dgn

Accurate GROUP, INC.

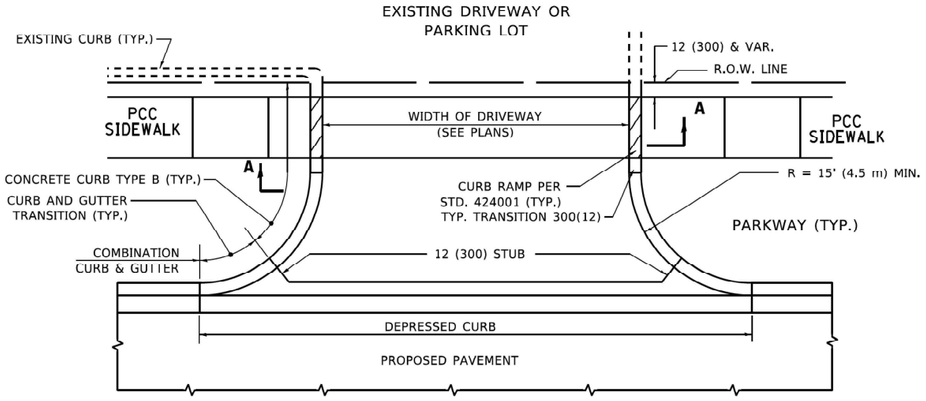
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - JJD | REVISED - | |
| | DRAWN - JLS | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - JJD | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

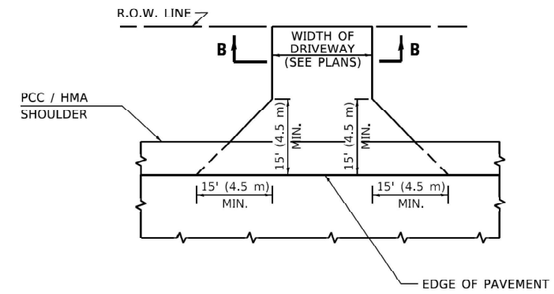
PROPOSED INTERCONNECT SCHEMATIC
AND SCHEDULE OF QUANTITIES
JOLIET ROAD AT BRAINARD AVENUE

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

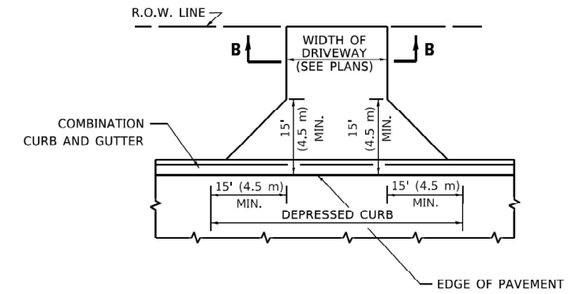
| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 93 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |



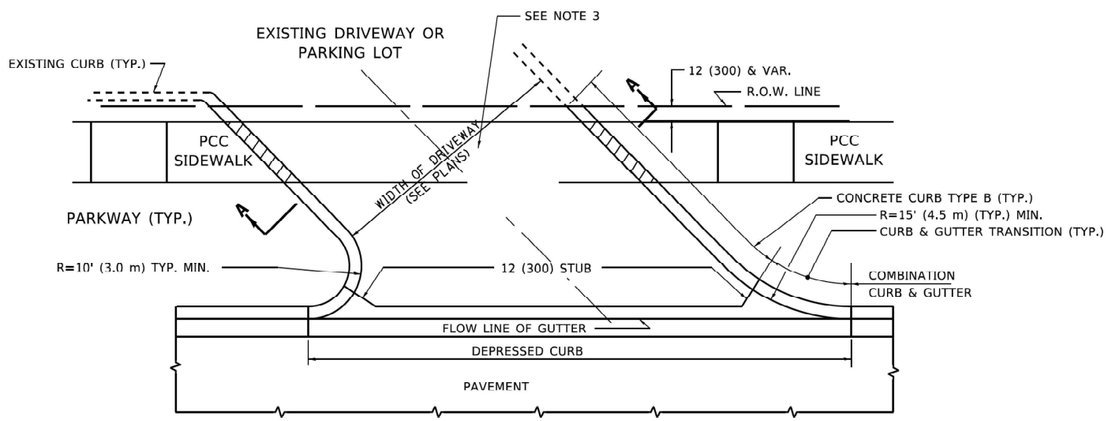

**WITH CONCRETE CURB, TYPE B**



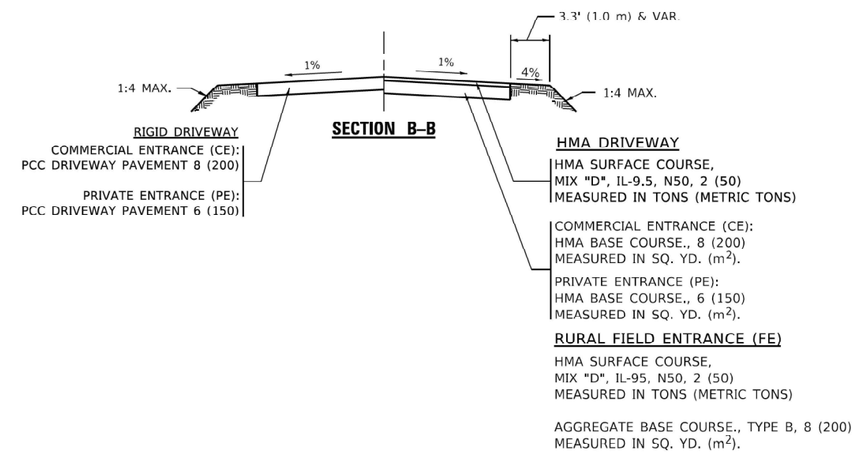

**ADJACENT TO PCC /HMA SHOULDER**

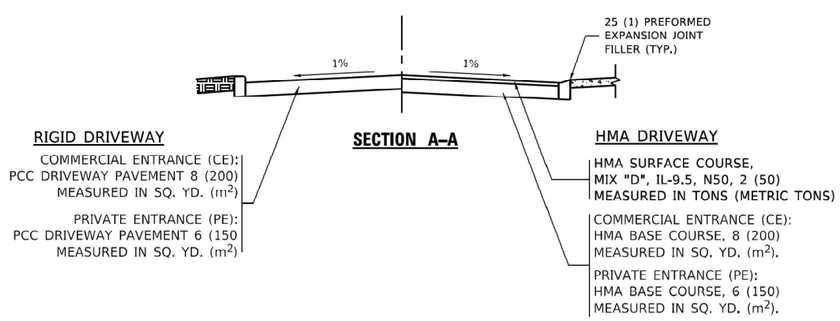



**ADJACENT TO CURB AND GUTTER**




**WITH CONCRETE CURB, TYPE B**




## GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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



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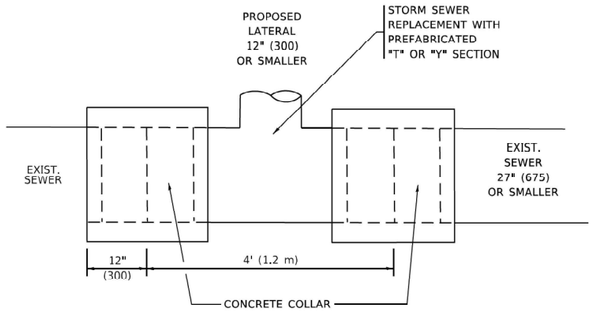
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15' (4.5m)**

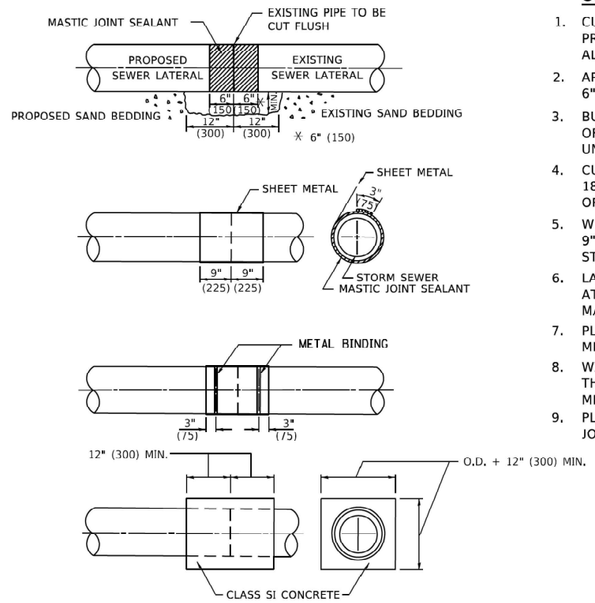
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 94 |
| | | CONTRACT NO. 62B64 | | |
| BD400-01 (BD-01) | ILLINOIS | FED. AID PROJECT | | |




## DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

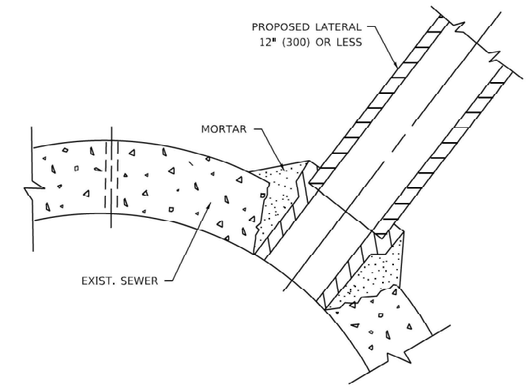



## DETAIL "B"

CLASS SI CONCRETE COLLAR

## CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT. STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.




## DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

# NOTES:

## MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

## CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
   A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
   B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

## GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

## BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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



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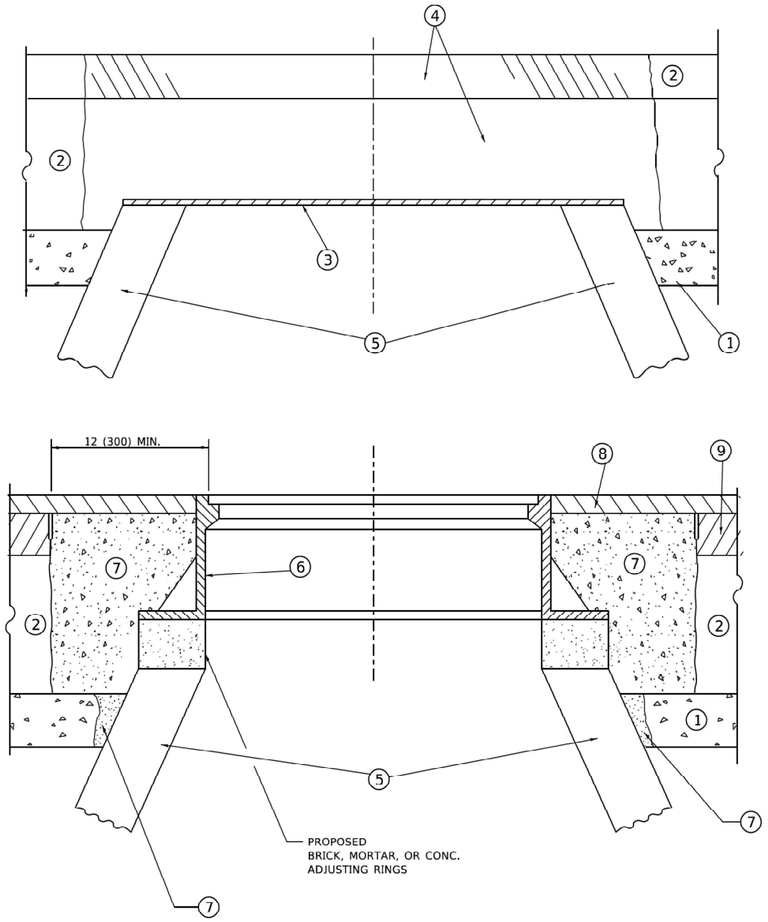
| | | | | | |
|---|---|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - M DE YONG | REVISED - A. ABBAS 03-21-97 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STORM SEWER CONNECTION TO EXISTING SEWER | |
| | DRAWN - | REVISED - M. GOMEZ 04-06-01 | | | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - R. DORO 01-01-07 | | | |
| PLOT DATE = 6/25/2025 | DATE - 06/13/1990 | REVISED - K. SMITH 11-18-22 | | SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 95 |
| | | CONTRACT NO. 62B64 | | |
| BD500-01 BD-07 | ILLINOIS | FED. AID PROJECT | | |




## DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

## CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.

B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.

C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.

D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.

B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.

C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

## LEGEND

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

## LOCATION OF STRUCTURES

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

## BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN



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| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - R. SHAH | REVISED - R. BORO 03-09-11 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | DRAWN - | REVISED - R. BORO 12-06-11 | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - K. SMITH 11-10-22 | |
| PLOT DATE = 6/25/2025 | DATE - 10/25/1994 | REVISED - K. SMITH 09-15-23 | |

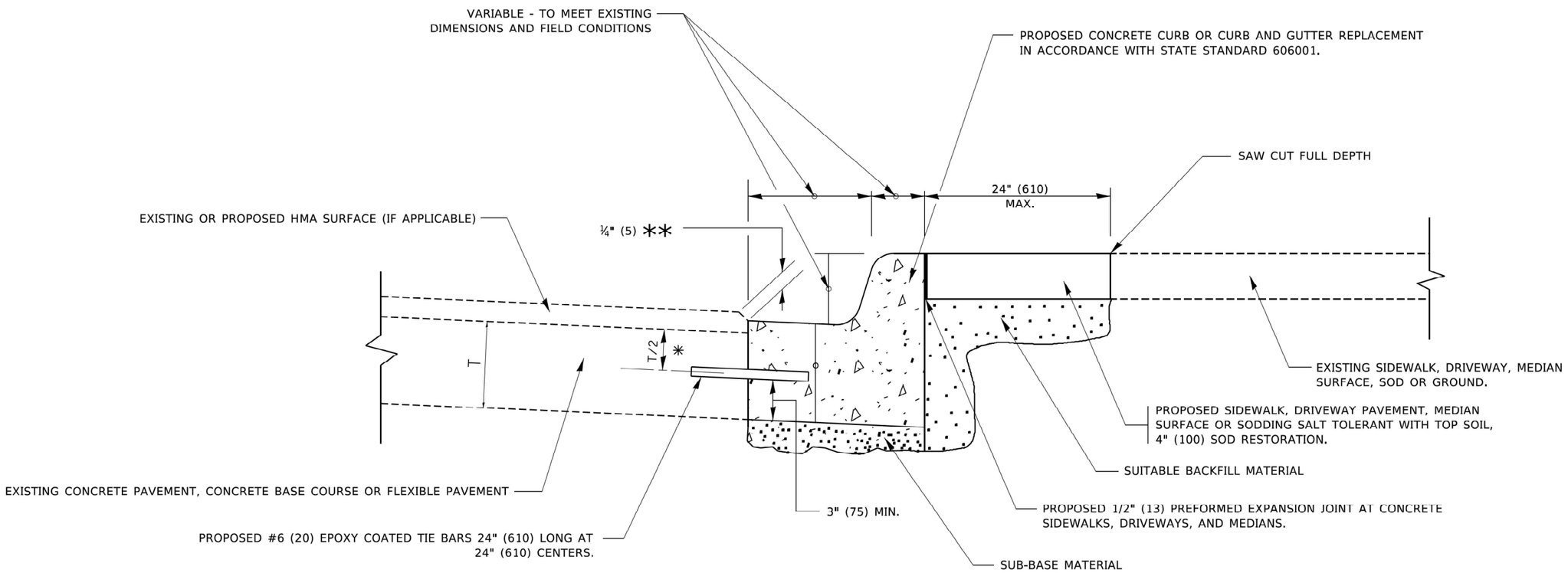
DETAIL FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (43DY)N-1 | COOK | 117 | 96 |

CONTRACT NO. 62B64

BD600-03 (BD-08) | ILLINOIS | FED. AID PROJECT




* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

MODEL: D1det-bd24 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-33/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-D1det-bd24.dgn

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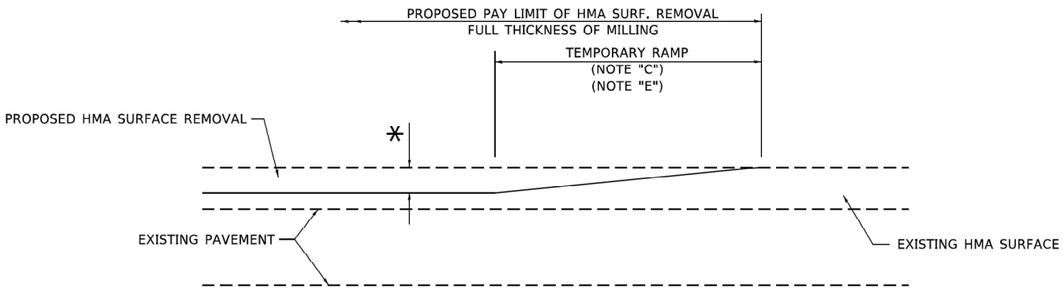
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - A. HOUSEH | REVISED - A. ABBAS 03-21-97 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| | DRAWN - | REVISED - M. GOMEZ 01-22-01 | |
| PLOT SCALE = 0.10000000' / in. | CHECKED - | REVISED - R BORO 12-15.09 | |
| PLOT DATE = 6/25/2025 | DATE - 03/11/1994 | REVISED - K. SMITH 07-11-19 | |

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

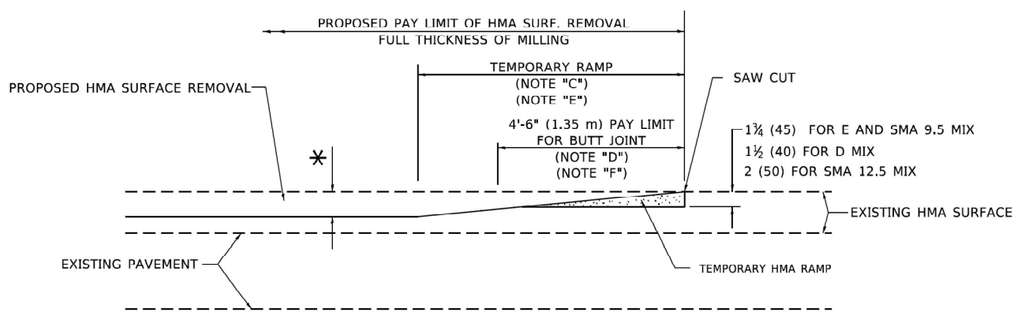
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (43DY)N-1 | COOK | 117 | 97 |
| | | CONTRACT NO. 62B64 | | |
| BD600-06 (BD-24) | ILLINOIS | FED. AID PROJECT | | |




**MILLED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

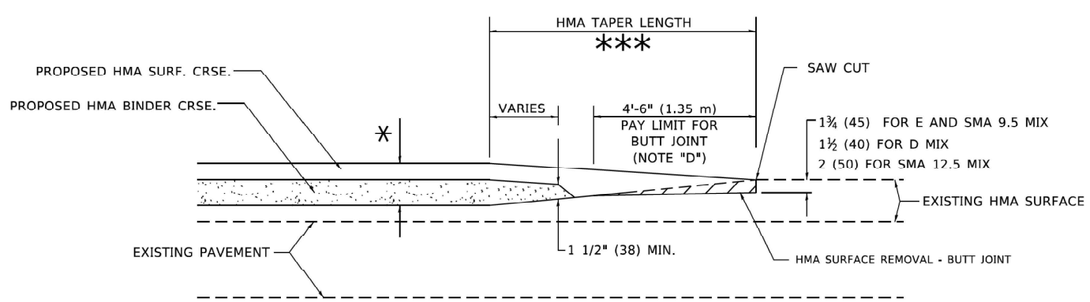



**HMA CONSTRUCTED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

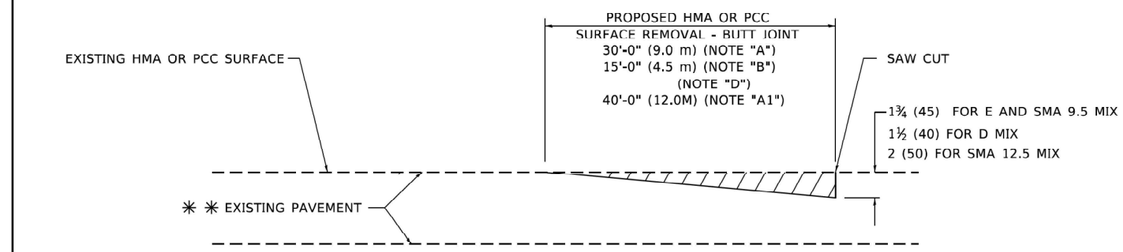
**OPTION 2**

# TYPICAL TEMPORARY RAMP

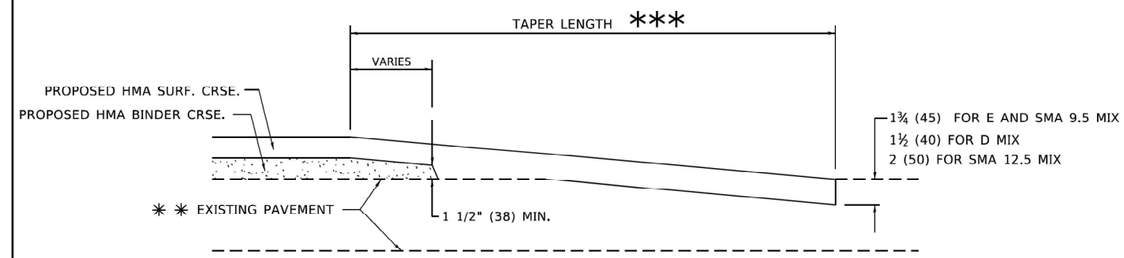



**BUTT JOINT AND HMA TAPER**

# TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING




**BUTT JOINT DETAIL**




**HMA TAPER DETAIL**

# TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

## GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

## BASIS OF PAYMENT

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

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



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| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - M DE YONG | REVISED - A. ABBAS 03-21-97 | |
| | DRAWN - | REVISED - M. GOMEZ 04-06-01 | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - R. BORO 01-01-07 | |
| PLOT DATE = 6/25/2025 | DATE - 08/13/1990 | REVISED - K. SMITH 11-18-22 | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

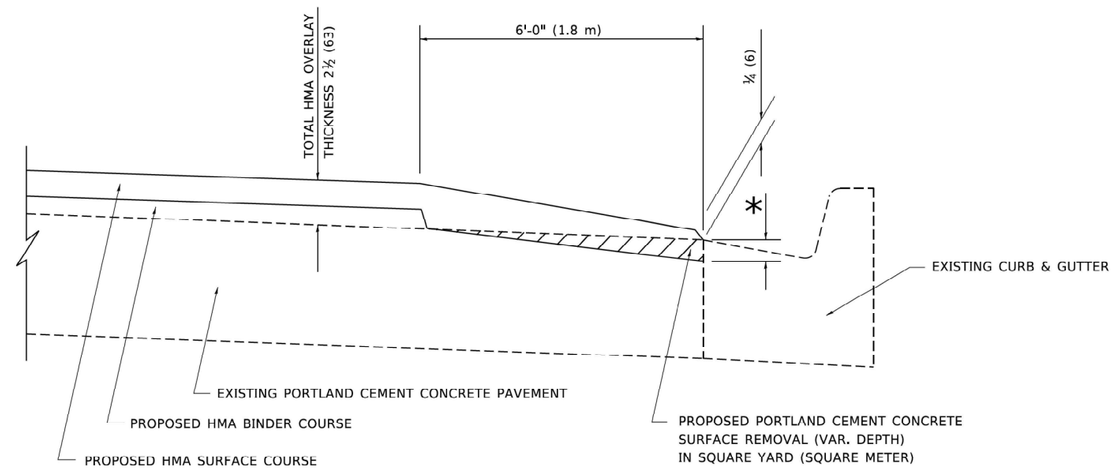
BUTT JOINT AND HMA TAPER DETAILS

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (43DY)N-1 | COOK | 117 | 98 |

CONTRACT NO. 62B64

BD400-05 BD-32 | ILLINOIS | FED. AID PROJECT




## HMA TAPER AT
## EDGE OF PCC PAVEMENT

| HMA SURFACE COURSE | | HMA BINDER COURSE | |
|---|---|---|---|
| MIX | THICKNESS | THICKNESS | * MILLING AT GUTTER FLAG |
| D | 1½ (38) | 1 (25) | 1¼ (33) |
| E OR SMA 9.5 | 1¾ (44) | ¾ (19) | 1½ (38) |

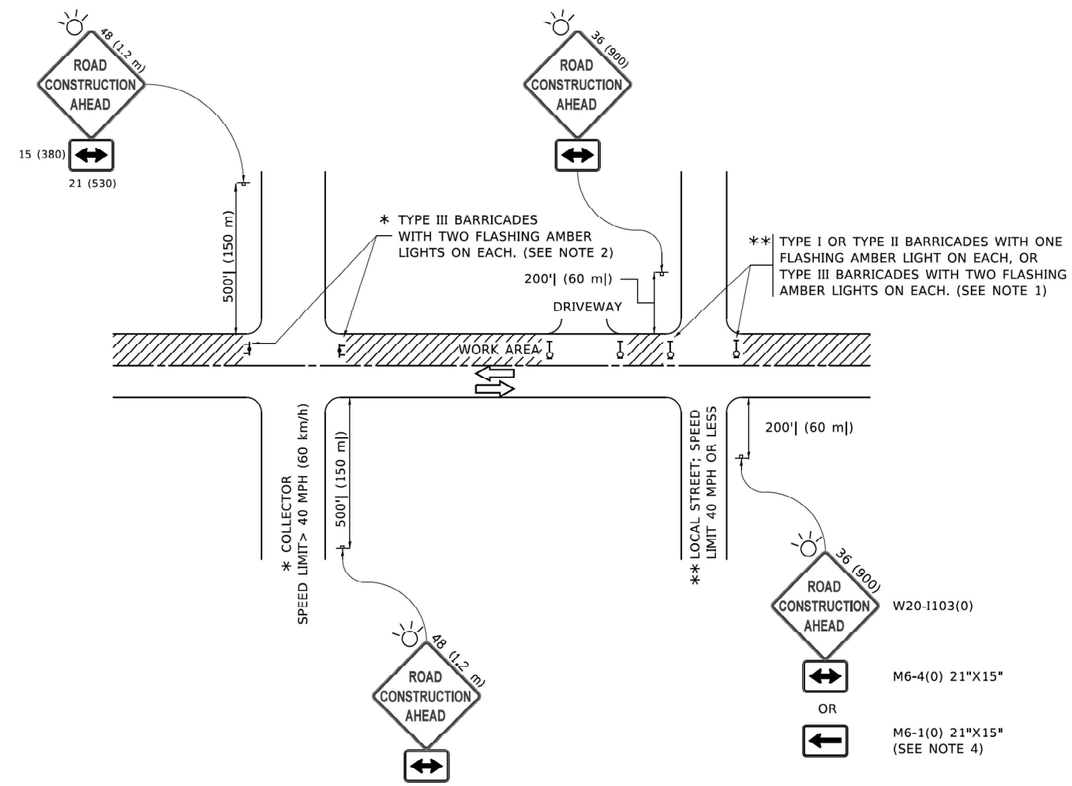
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: D1det-bd33 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-33/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-D1det-bd33.dgn

Michael Baker INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

| | | | | | | |
|---|---|---|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | R. SHAH | REVISED - | E. GOMEZ 12-21-00 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | HMA TAPER AT EDGE OF P.C.C. PAVEMENT |
| | DRAWN - | JIS | REVISED - | R. BORO 01-01-07 | | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - | A. ABDAS | REVISED - | JP CHANG 07-08-16 | | |
| PLOT DATE = 6/25/2025 | DATE - | 09/10/1994 | REVISED - | K. SMITH 11-18-22 | | SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 99 |
| | | CONTRACT NO. 62B64 | | |
| BD400-06 BD-33 | ILLINOIS | FED. AID PROJECT | | |




## NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: D1det-tc10 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-33/Documents/Chicago IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-D1det-tc10.dgn

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Phone: (312) 707-8770 · MBAKERINTL.COM

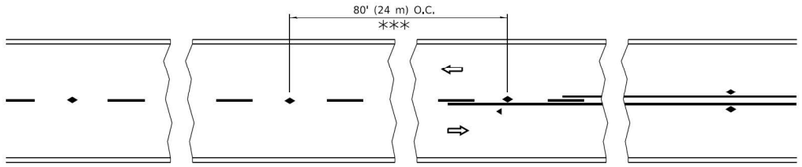
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96 | |
| | DRAWN - | REVISED - T. RAMMACHER 01-06-00 | |
| PLOT SCALE = 0.10000000' / in. | CHECKED - | REVISED - A. SCHUETZE 07-01-13 | |
| PLOT DATE = 6/25/2025 | DATE - 06-89 | REVISED - A. SCHUETZE 09-15-16 | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

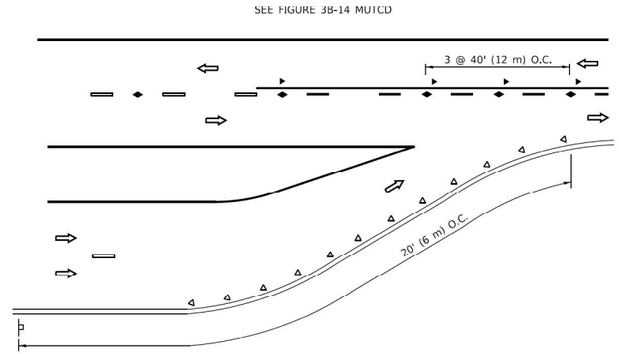
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 100 |
| | | CONTRACT NO. 62B64 | | |
| TC-10 | ILLINOIS | FED. AID PROJECT | | |

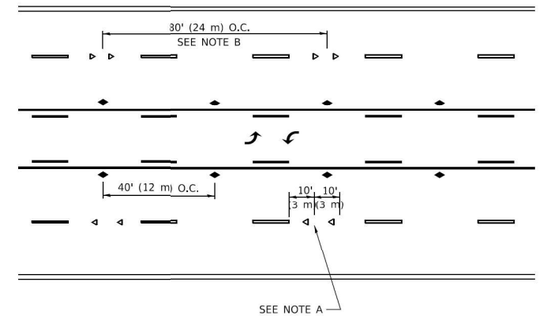



*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

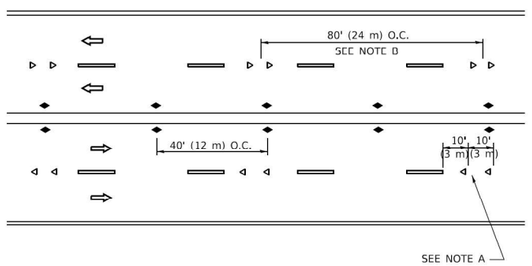
## TWO-LANE/TWO-WAY



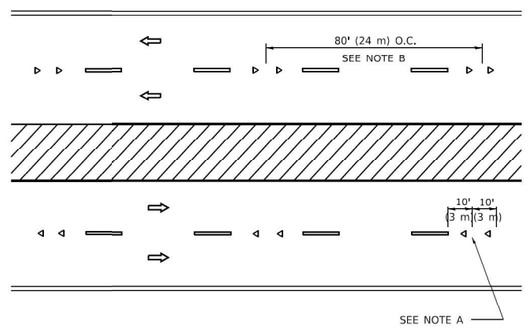

## LANE REDUCTION TRANSITION



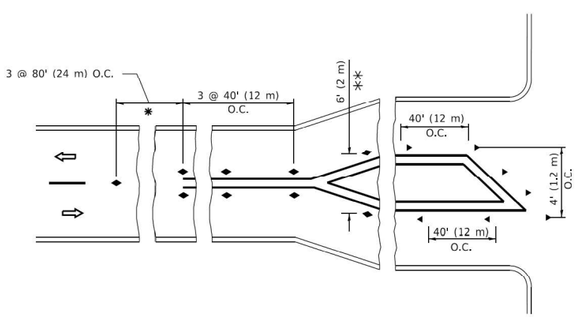

## TWO-WAY LEFT TURN

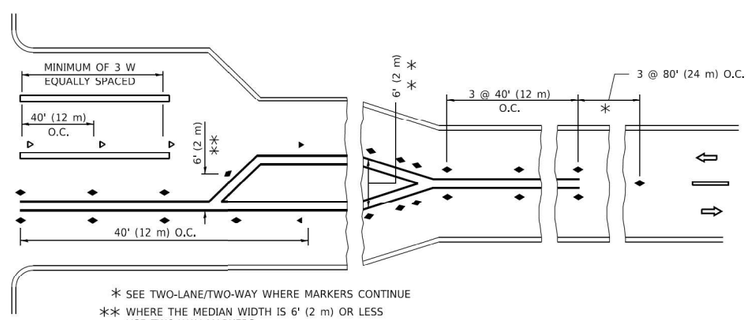



## MULTI-LANE/UNDIVIDED




## MULTI-LANE/DIVIDED




* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

## TURN LANES

## GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

## LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

## SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

## DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: D1tek-tc11 [Sheet]
FILE NAME: pw://mb-us-pw-03i/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-D1dek-tc11.dgn

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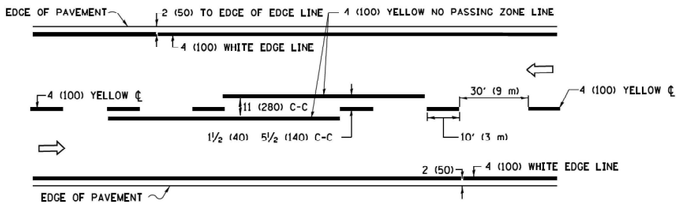
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - | T. RAMMACHER 03-12-09 |
| | DRAWN - | REVISED - | T. RAMMACHER 01-06-00 |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - | REVISED - | C. JUCIUS 09-09-09 |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - | C. JUCIUS 07-01-13 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

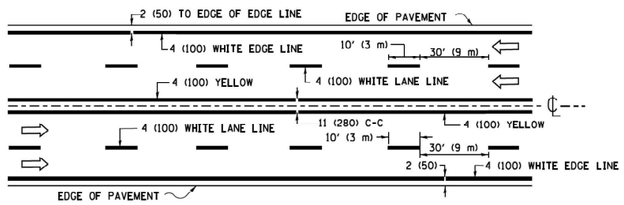
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)

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

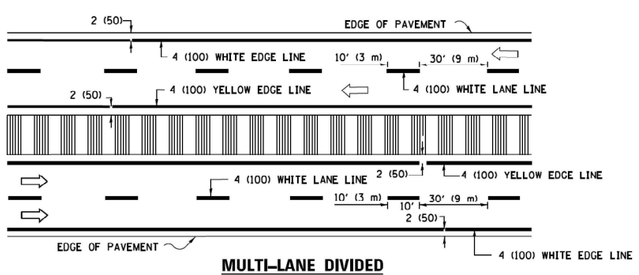
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 101 |
| | | CONTRACT NO. 62B64 | | |
| TC-11 | ILLINOIS | FED. AID PROJECT | | |




## 2–LANE ROADWAY



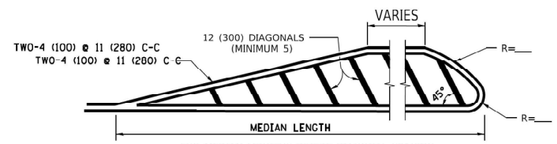

## MULTI–LANE UNDIVIDED




**MULTI–LANE DIVIDED**
WITH MEDIAN

## TYPICAL LANE AND EDGE LINE MARKING

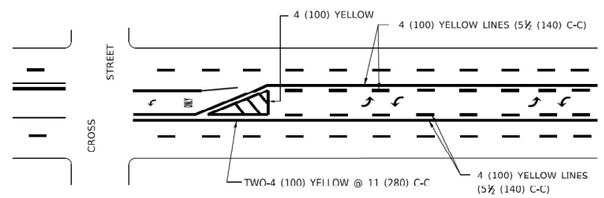

**4' (1.2 m) WIDE MEDIANS ONLY**



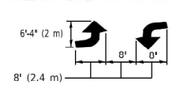

FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

**MEDIANS OVER 4' (1.2 m) WIDE**

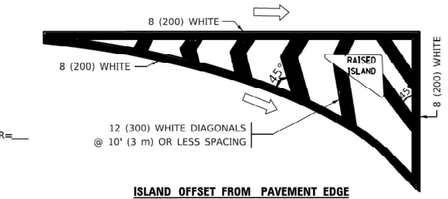



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED. WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

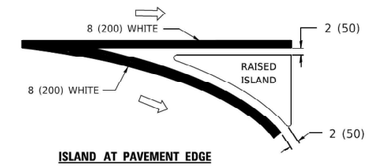



**MEDIAN WITH TWO–WAY LEFT TURN LANE**

## TYPICAL PAINTED MEDIAN MARKING

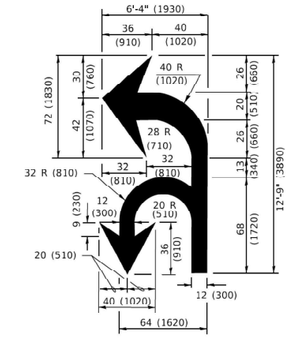



**ISLAND OFFSET FROM PAVEMENT EDGE**

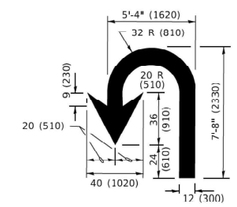



**ISLAND AT PAVEMENT EDGE**

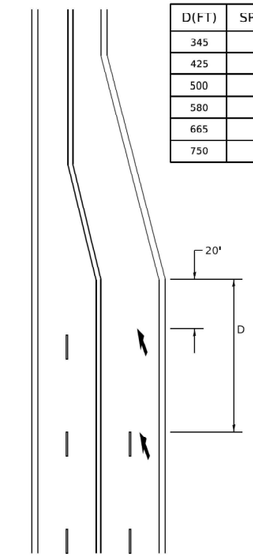
## TYPICAL ISLAND MARKING




## COMBINATION LEFT AND U–TURN



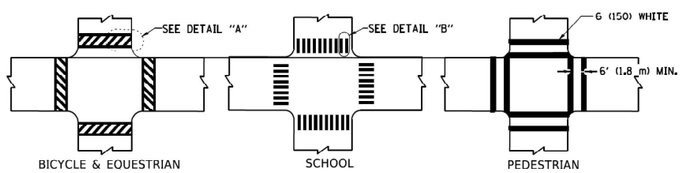

## U–TURN

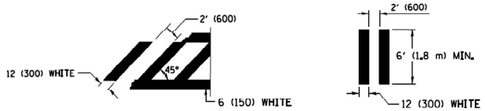



| D(FT) | SPEED LIMIT |
|---|---|
| 345 | 30 |
| 425 | 35 |
| 500 | 40 |
| 580 | 45 |
| 665 | 50 |
| 750 | 55 |

## LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

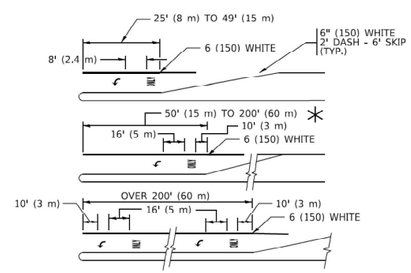



**DETAIL "A"** **DETAIL "B"**

## TYPICAL CROSSWALK MARKING

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




FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

## TYPICAL TURN LANE MARKING

| TYPE OF MARKING | WIDTH OF LINE | PATTERN | COLOR | SPACING / REMARKS |
|---|---|---|---|---|
| CENTERLINE ON 2 LANE PAVEMENT | 4 (100) | SKIP-DASH | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT | 2 @ 4 (100) | SOLID | YELLOW | 11 (280) C-C |
| NO PASSING ZONE LINES:<br>FOR ONE DIRECTION<br>FOR BOTH DIRECTIONS | 4 (100)<br>2 @ 4 (100) | SOLID<br>SOLID | YELLOW<br>YELLOW | 5½ (140) C-C FROM SKIP-DASH CENTERLINE<br>11 (280) C-C<br>OMIT SKIP-DASH CENTERLINE BETWEEN |
| LANE LINES | 4 (100)<br>5 (125) ON FREEWAYS | SKIP-DASH<br>SKIP-DASH | WHITE<br>WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS) | SAME AS LINE BEING EXTENDED | SKIP-DASH | SAME AS LINE BEING EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE |
| EDGE LINES | 4 (100) | SOLID | YELLOW-LEFT<br>WHITE-RIGHT | OUTLINE MEDIANS IN YELLOW |
| TURN LANE MARKINGS | 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) | SOLID | WHITE | SEE TYPICAL TURN LANE MARKING DETAIL |
| TWO WAY LEFT TURN MARKING | 2 @ 4 (100)<br>EACH DIRECTION<br>8' (2.4m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW<br>WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH: 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE<br>SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (PEDESTRIAN)<br>A. DIAGONALS (BIKE & EQUESTRIAN)<br>B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150)<br>12 (300) @ 45°<br>12 (300) @ 90° | SOLID<br>SOLID<br>SOLID | WHITE<br>WHITE<br>WHITE | NOT LESS THAN 6' (1.8 m) APART<br>2' (600) APART<br>2' (600) APART<br>SEE TYPICAL CROSSWALK MARKING DETAILS. |
| STOP LINES | 24 (600) | SOLID | WHITE | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE. WHERE POSSIBLE |
| PAINTED MEDIANS | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°<br>NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID | YELLOW:<br>TWO WAY TRAFFIC<br>WHITE:<br>ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE<br>SEE TYPICAL PAINTED MEDIAN MARKING. |
| GORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIAGONALS:<br>15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h))<br>20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))<br>30' (9 m) C-C (OVER 45MPH (70 km/h)) |
| RAILROAD CROSSING | 24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X" | SOLID | WHITE | SEE STATE STANDARD 780001<br>AREA OF:<br>"R"=3.6 SQ. FT. (0.33 m²) EACH<br>"X"=34.0 SQ. FT. (3.0 m²) |
| SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8' ) | 12 (300) @ 45° | SOLID | WHITE - RIGHT<br>YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))<br>75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h))<br>150' (45 m) C-C (OVER 45MPH (70 km/h)) |
| U TURN ARROW | SEE DETAIL | SOLID | WHITE | 16.3 SF |
| 2 ARROW COMBINATION LEFT AND U TURN | SEE DETAIL | SOLID | WHITE | 30.4 SF |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: D1det-tc13 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-33/Documents/Chicago_IL/01_Projects/01_IDOT_Var_DEserve_PTB208_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-D1det-tc13.dgn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| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - EVERS | REVISED - C. JUCIUS 09-09-09 | |
| | DRAWN - | REVISED - C. JUCIUS 07-01-13 | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - C. JUCIUS 12-21-15 | |
| PLOT DATE = 6/25/2025 | DATE - 03/19/1990 | REVISED - C. JUCIUS 04-12-16 | |

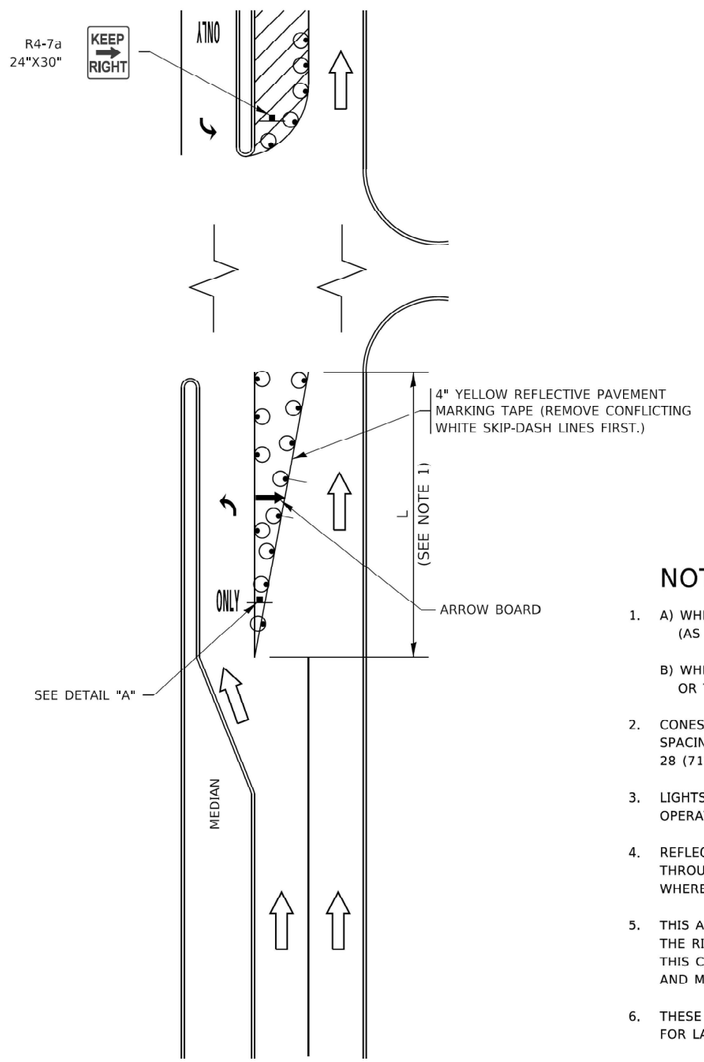
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**
**TYPICAL PAVEMENT MARKINGS**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 102 |
| | | CONTRACT NO. 62B64 | | |
| TC-13 | ILLINOIS | FED. AID PROJECT | | |

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER




## FIGURE 1

## LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

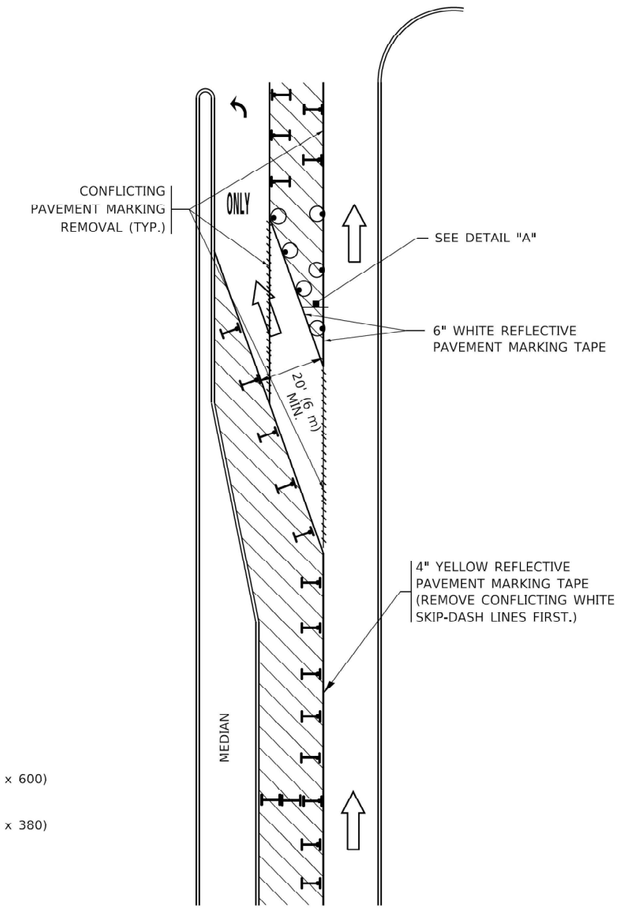
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

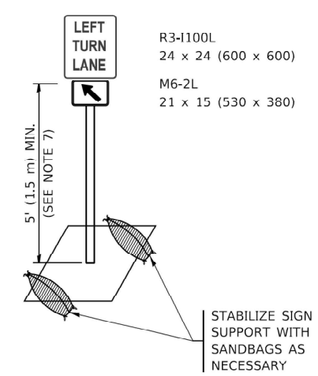
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE




## FIGURE 2




## DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: D1det-tc14 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-33/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198535/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-D1det-tc14.dgn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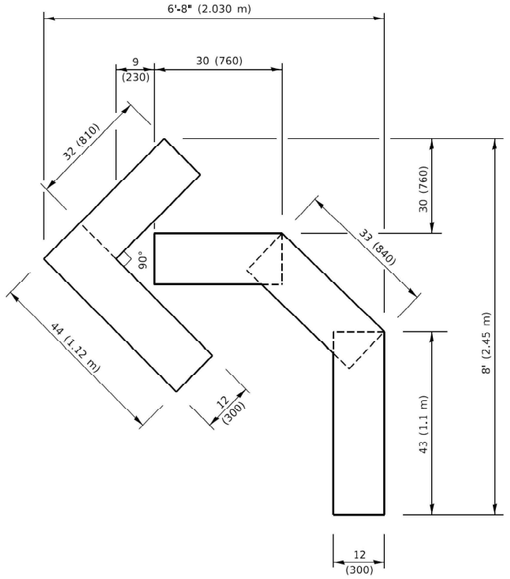
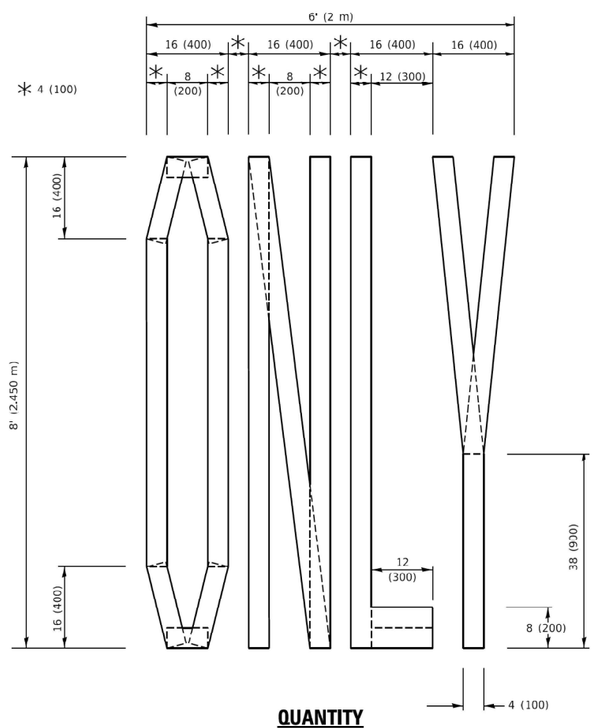
| | | | | | |
|---|---|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - T. RAMMACHER 09-08-94 | REVISED - R. BORO 09-14-09 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) | |
| | DRAWN - A. HOUSEH 11-07-95 | REVISED - A. SCHUETZE 07-01-13 | | | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - A. HOUSEH 10-12-96 | REVISED - A. SCHUETZE 09-15-16 | | | |
| PLOT DATE = 6/25/2025 | DATE - T. RAMMACHER 09-08-94 | REVISED - | | SCALE: NONE | SHEET 1 OF 1 SHEETS STA. TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N01 | COOK | 117 | 103 |
| | | CONTRACT NO. 62B64 | | |
| TC-14 | ILLINOIS | FED. AID PROJECT | | |



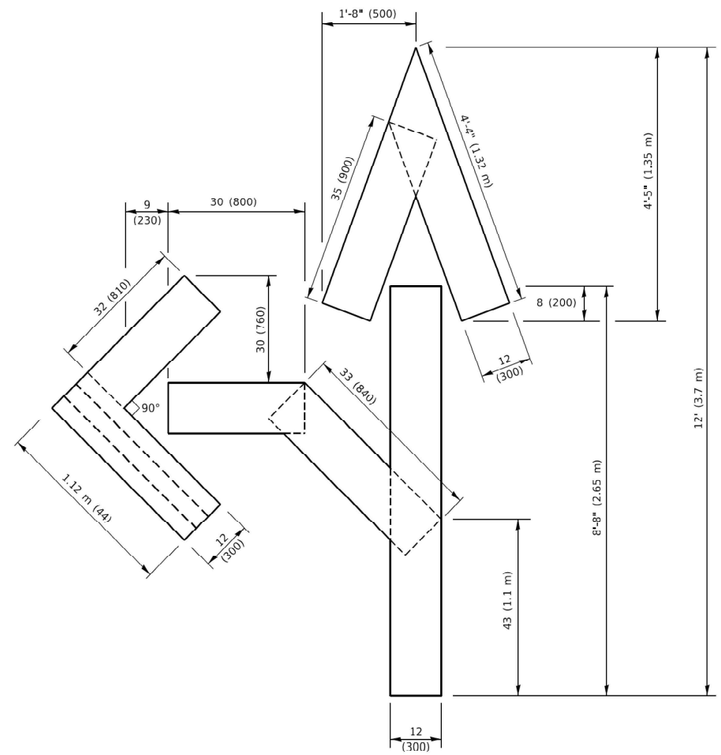

**QUANTITY**

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)




**QUANTITY**

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

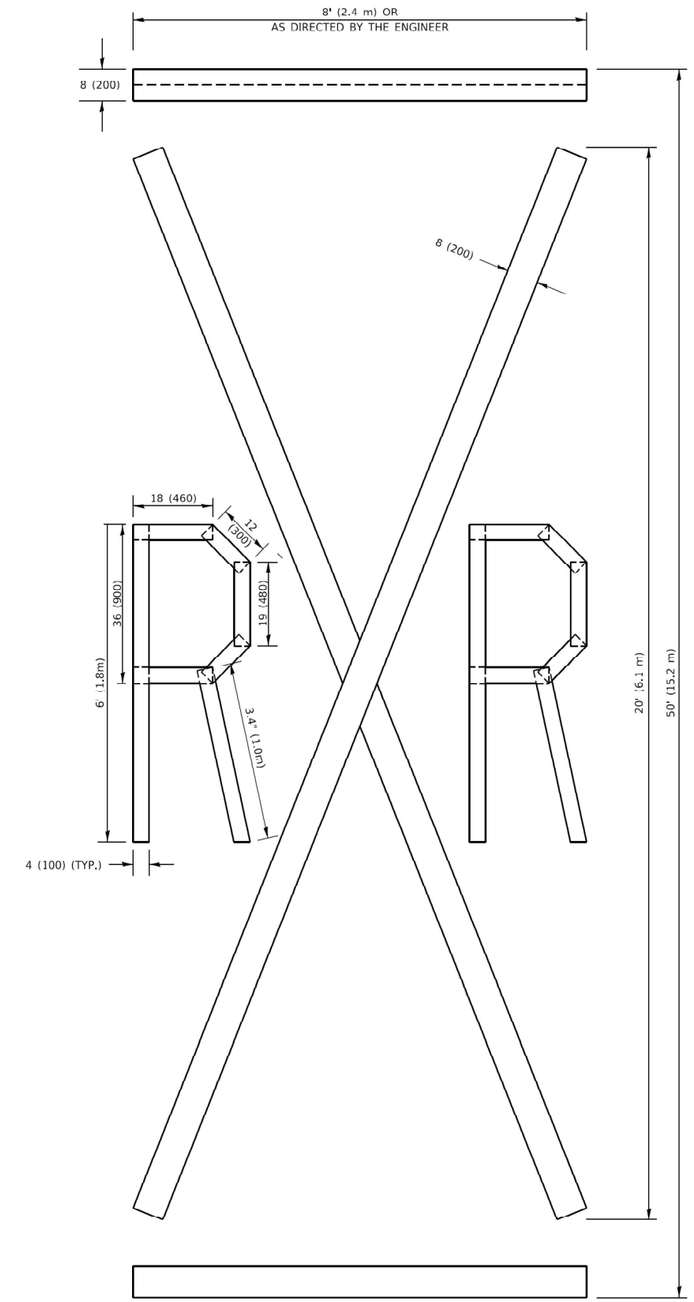



**QUANTITY**

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.




**QUANTITY**

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: D1det-tc16 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-33/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198555/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-D1det-tc16.dgn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| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - | REVISED - T. RAMMACHER 03-02-98 | |
| | DRAWN - | REVISED - E. GOMEZ 08-28-00 | |
| PLOT SCALE = 0.10000000 ' / in. | CHECKED - | REVISED - E. GOMEZ 09-28-00 | |
| PLOT DATE = 6/25/2025 | DATE - 09/18/1994 | REVISED - A. SCHUETZE 09-15-16 | |

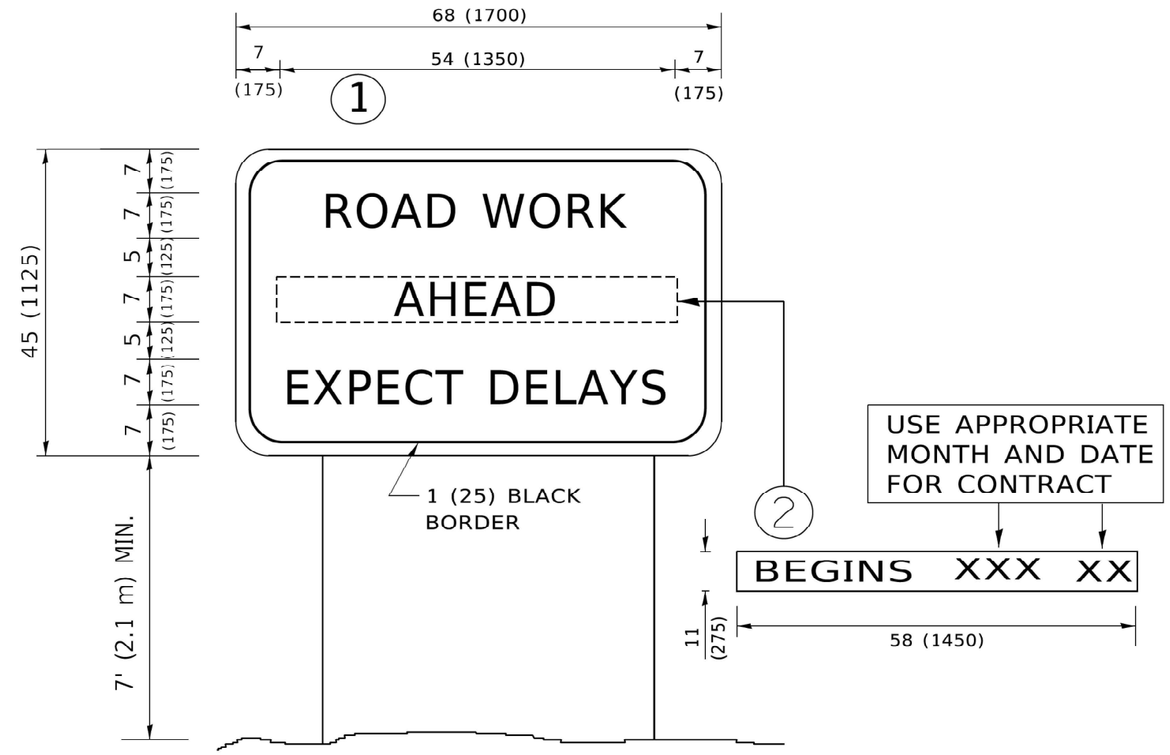
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT LETTERS AND SYMBOLS**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (43DY)N-1 | COOK | 117 | 104 |
| | | CONTRACT NO. 62B64 | | |

TC-16 | ILLINOIS | FED. AID PROJECT




## NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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



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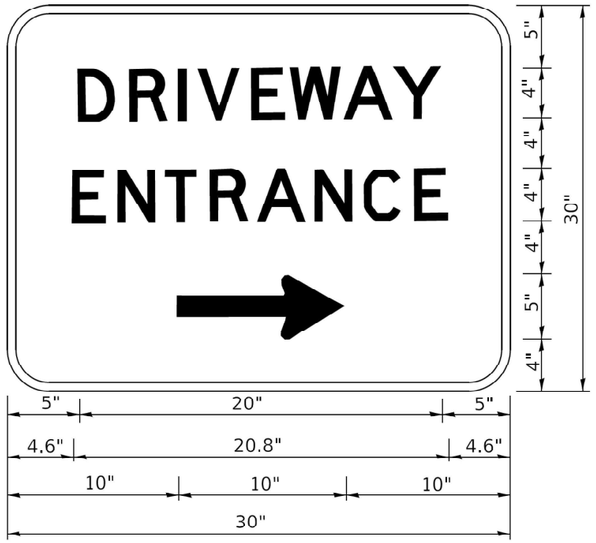
| USER NAME = Connor.Liss | DESIGNED - | REVISED - R. MIRS 09-15-97 | |
| | DRAWN - | REVISED - R. MIRS 12-11-97 | |
| PLOT SCALE = 0.16666667 ' / in. | CHECKED - | REVISED - T. RAMMACHER 02-02-99 | |
| PLOT DATE = 6/25/2025 | DATE - | REVISED - C. JUCIUS 01-31-07 | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD INFORMATION SIGN**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 105 |
| | | CONTRACT NO. 62B64 | | |
| TC-22 | ILLINOIS | FED. AID PROJECT | | |



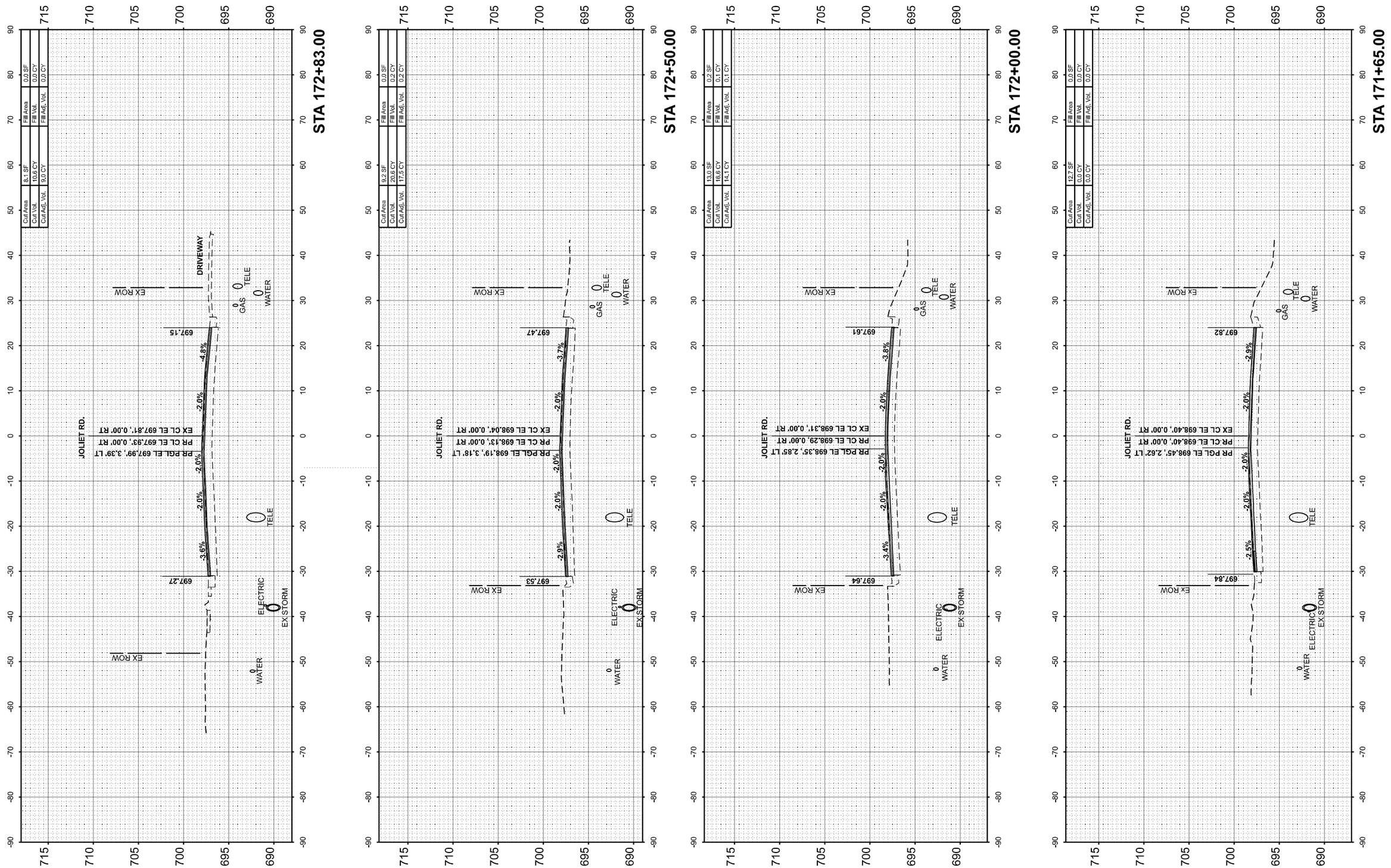

3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




MODEL: Joliet Rd.-1 - 171+65.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-int-xssht.dgn

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| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

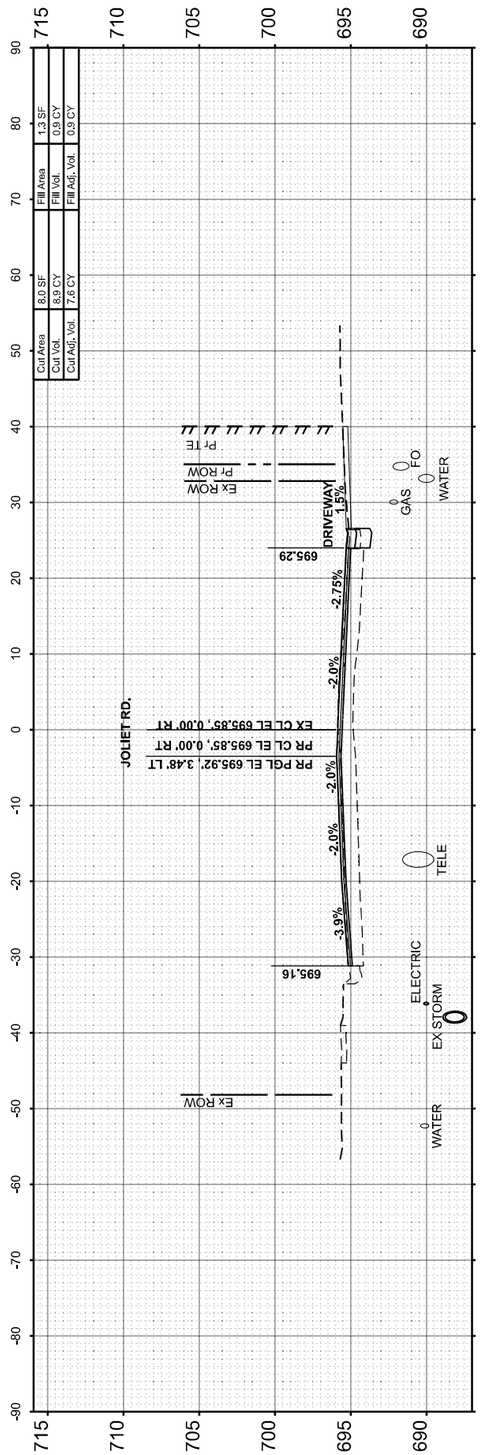
**PROPOSED CROSS SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

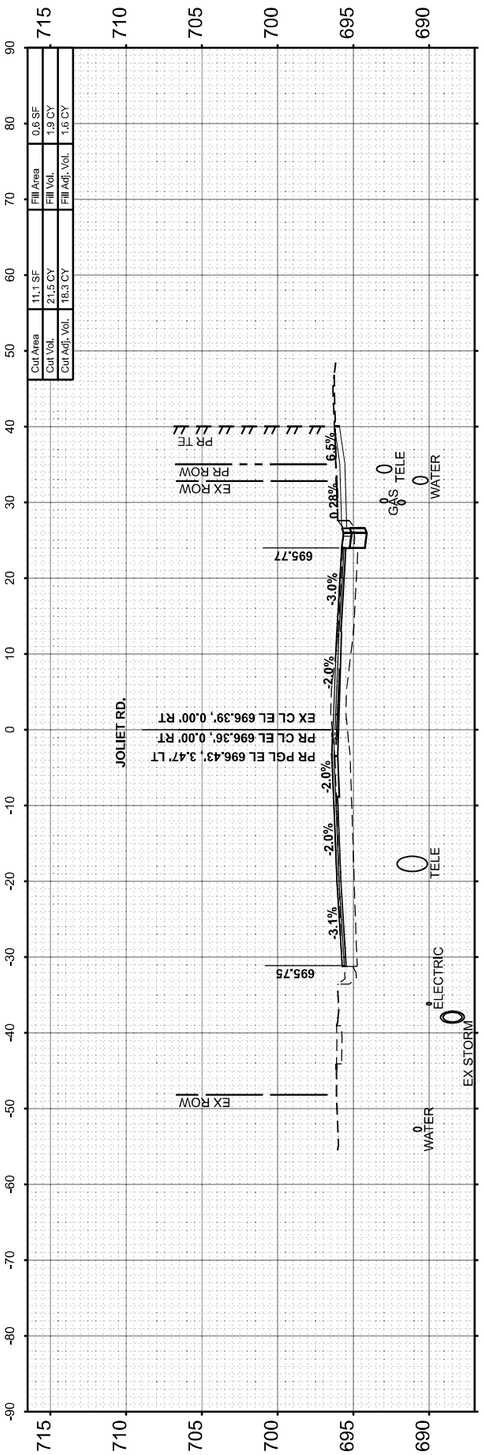
SCALE: 1"=10' | SHEET 1 OF 11 SHEETS | STA. 171+65.01 TO STA. 171+65.01

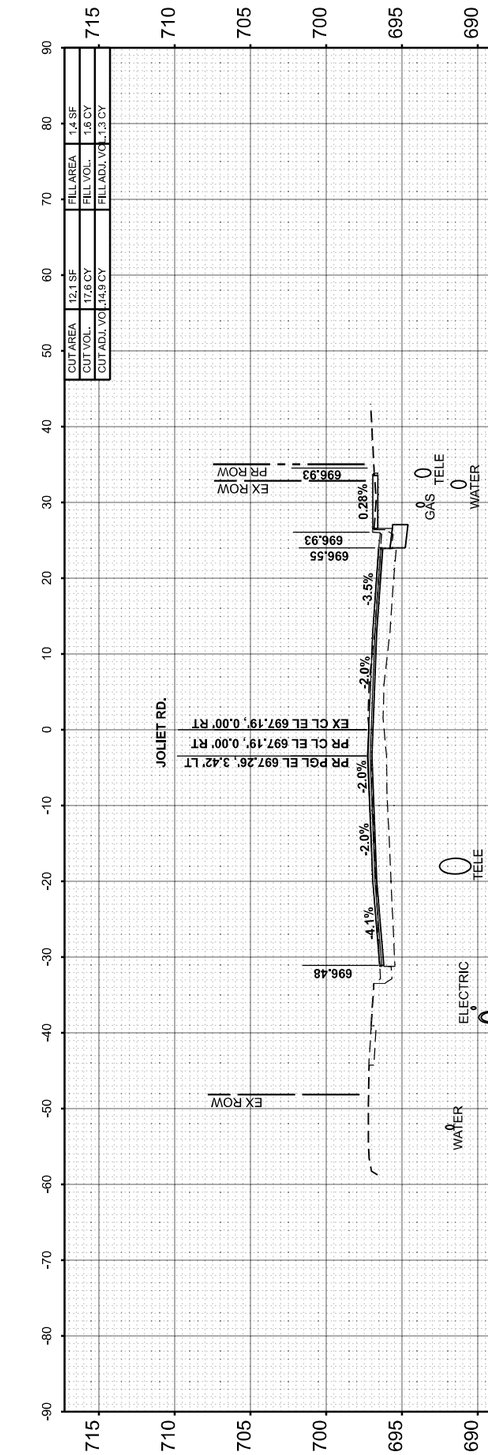
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 107 |

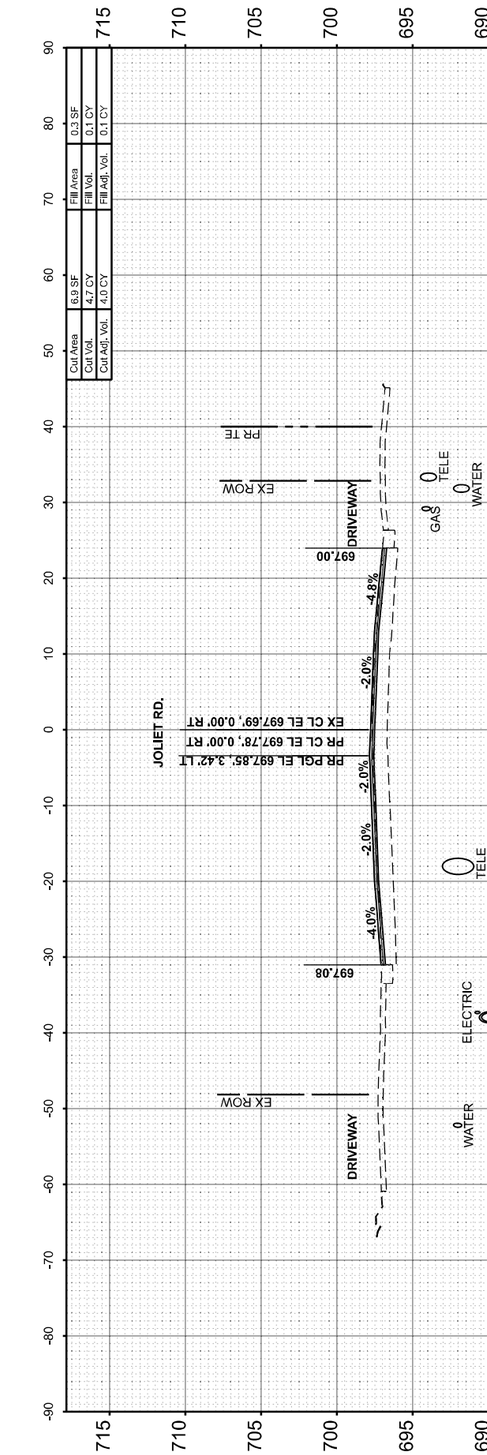
CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT




| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

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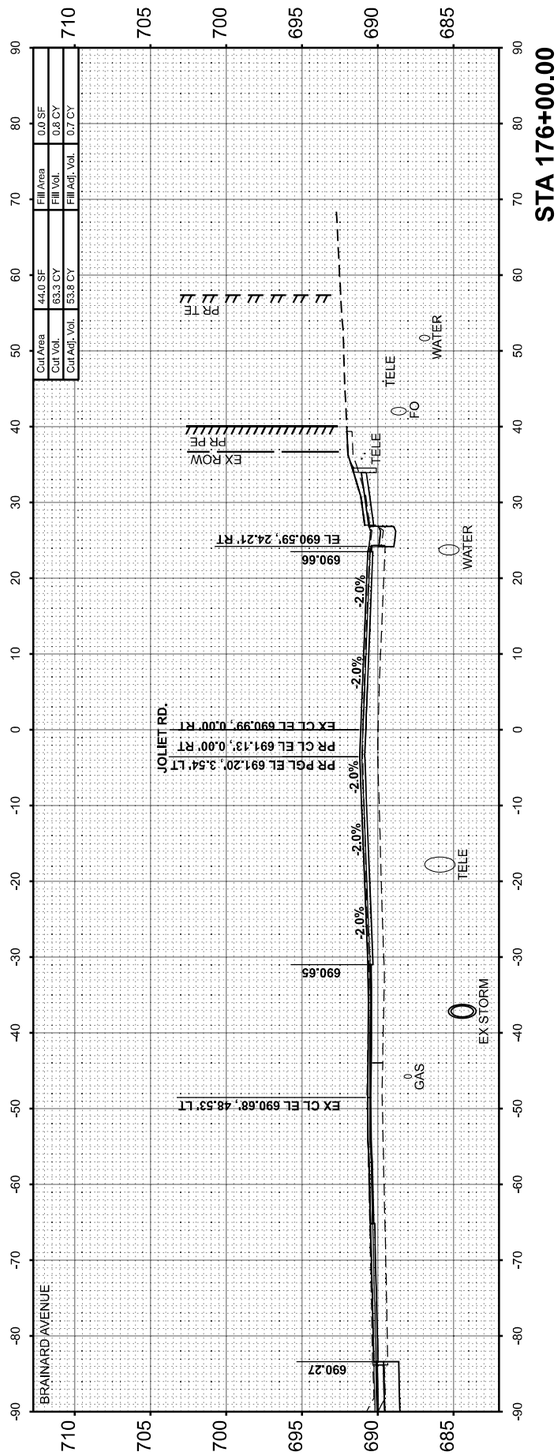
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/25/2025 | DATE - 07/15/2024 | REVISED - | |

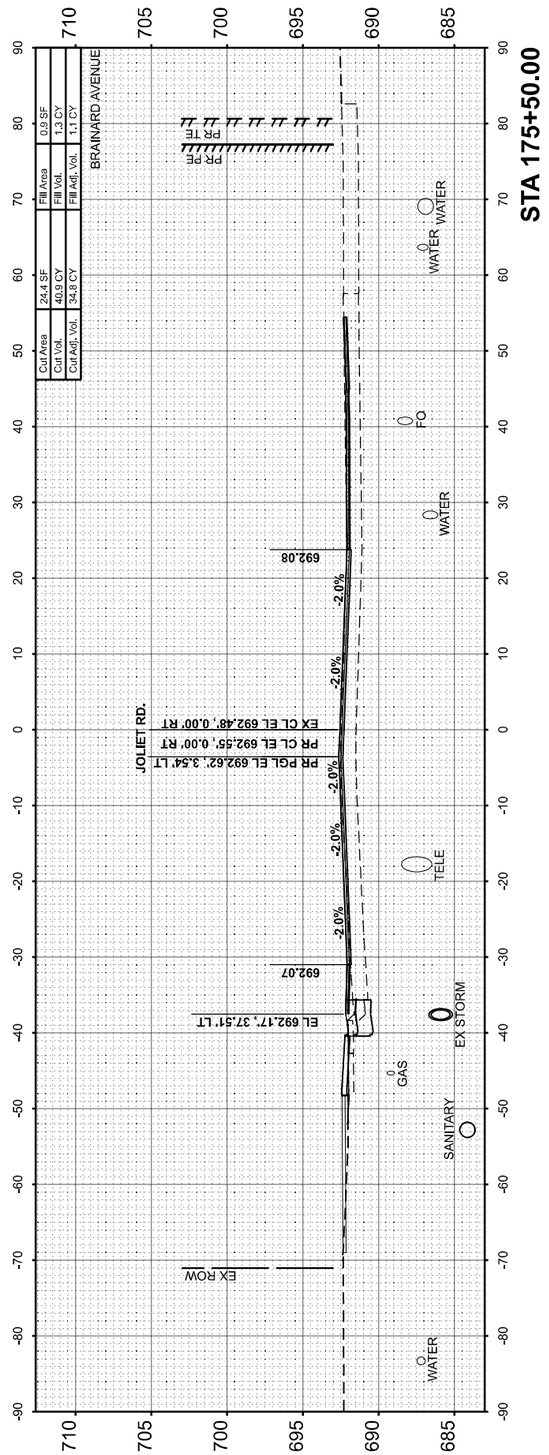
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

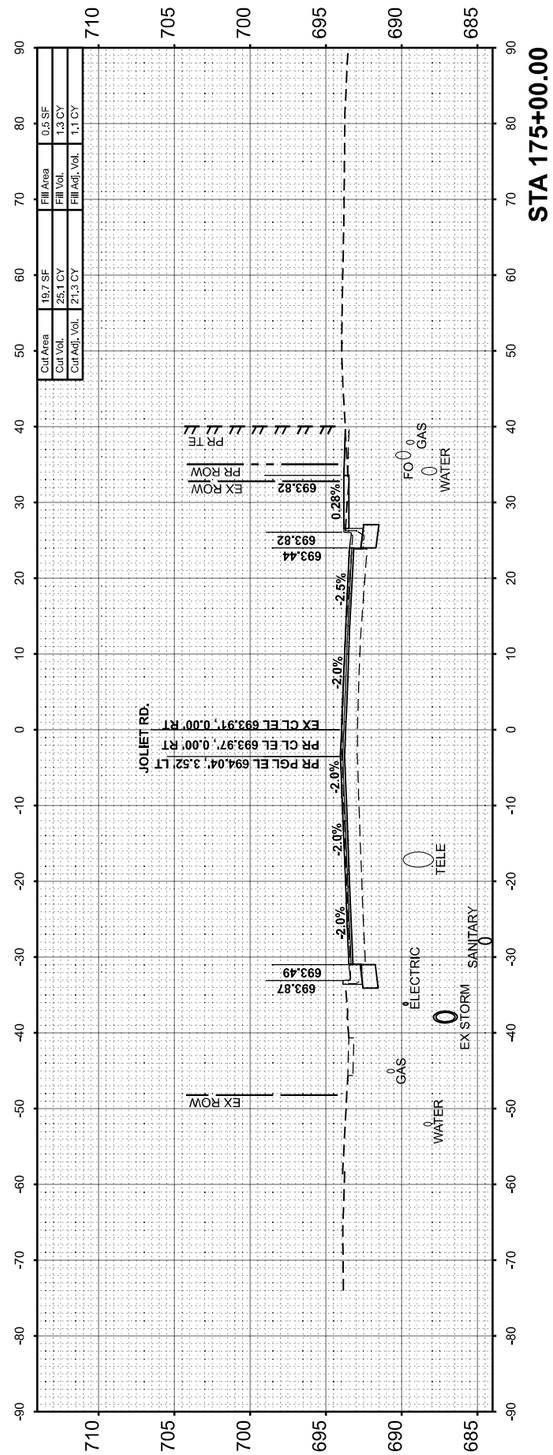
# PROPOSED CROSS SECTIONS
# JOLIET ROAD AT BRAINARD AVENUE

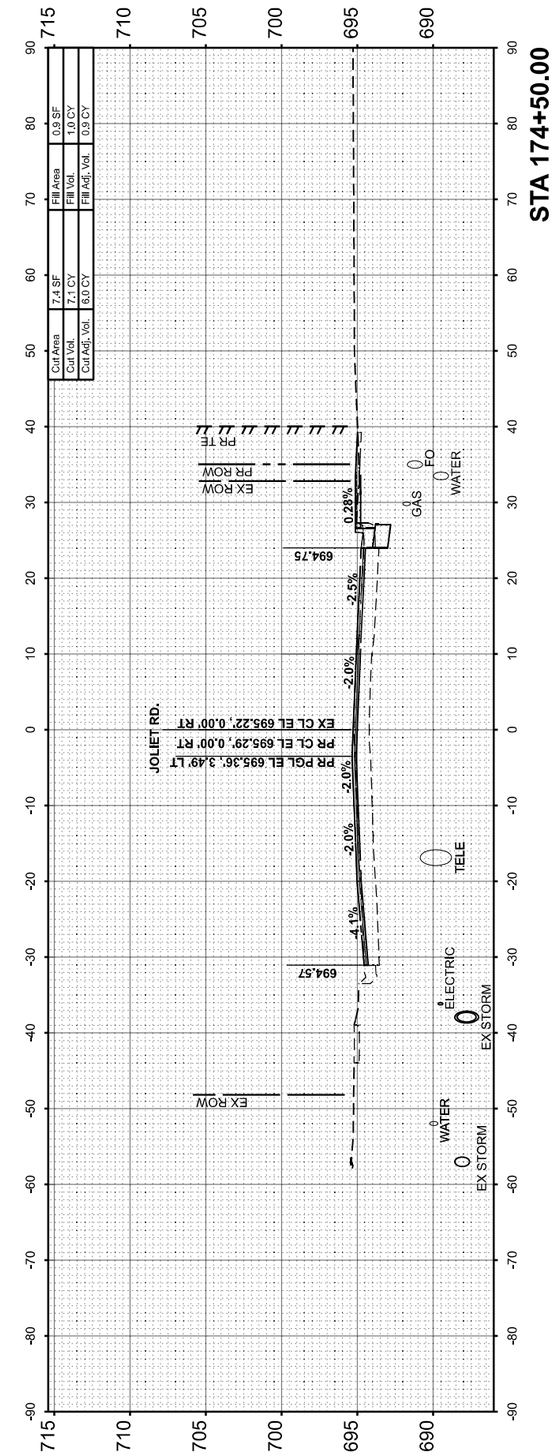
SCALE: 1"=10' | SHEET 2 OF 11 SHEETS | STA. 172+00.00 TO STA. 173+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 108 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Joliet Rd.-1 - 174+50.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-xssht.dgn


**Michael Baker**
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| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

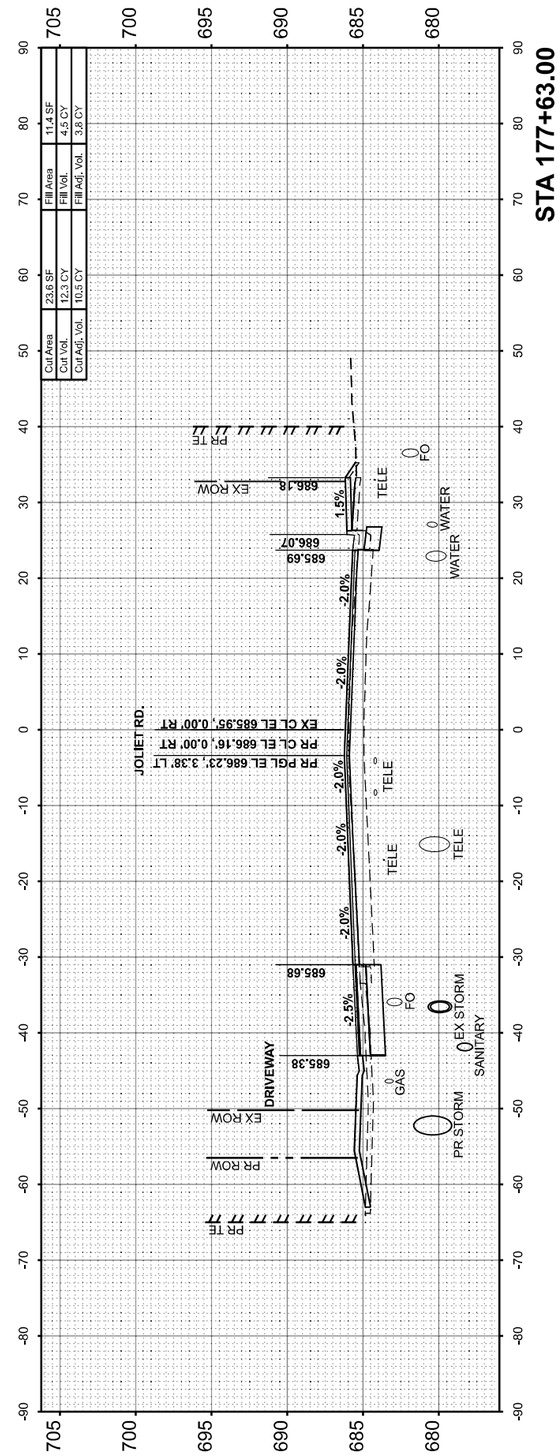
# PROPOSED CROSS SECTIONS
## JOLIET ROAD AT BRAINARD AVENUE

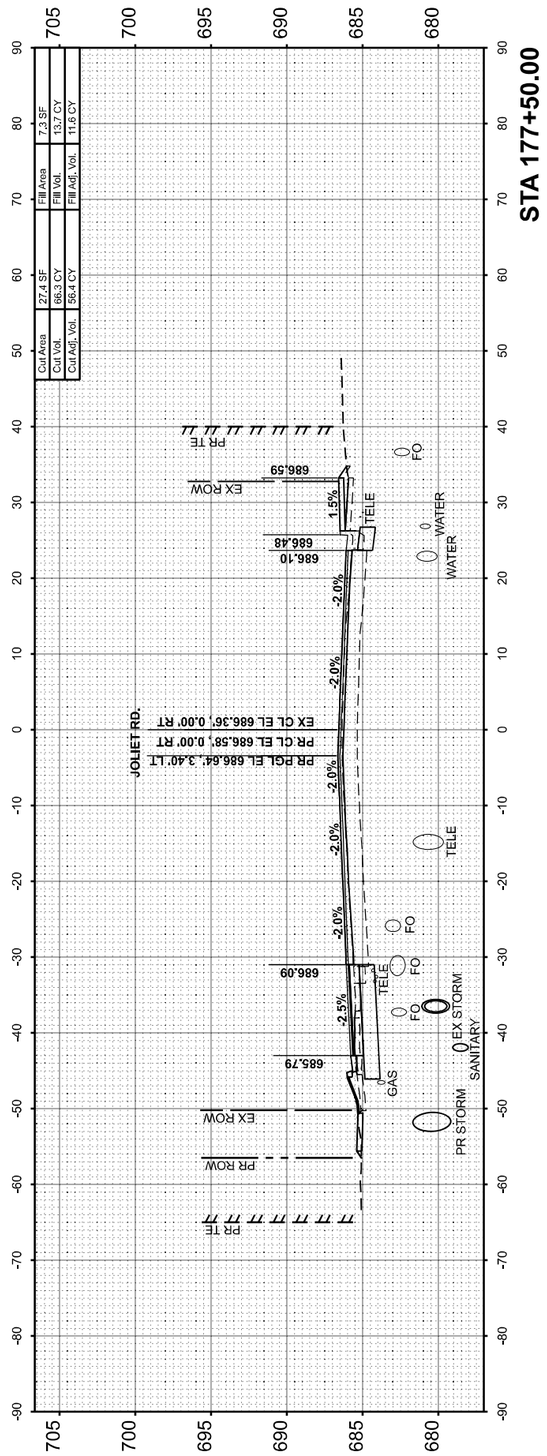
SCALE: 1"=10' | SHEET 3 OF 11 SHEETS | STA. 174+00.00 TO STA. 175+50.00

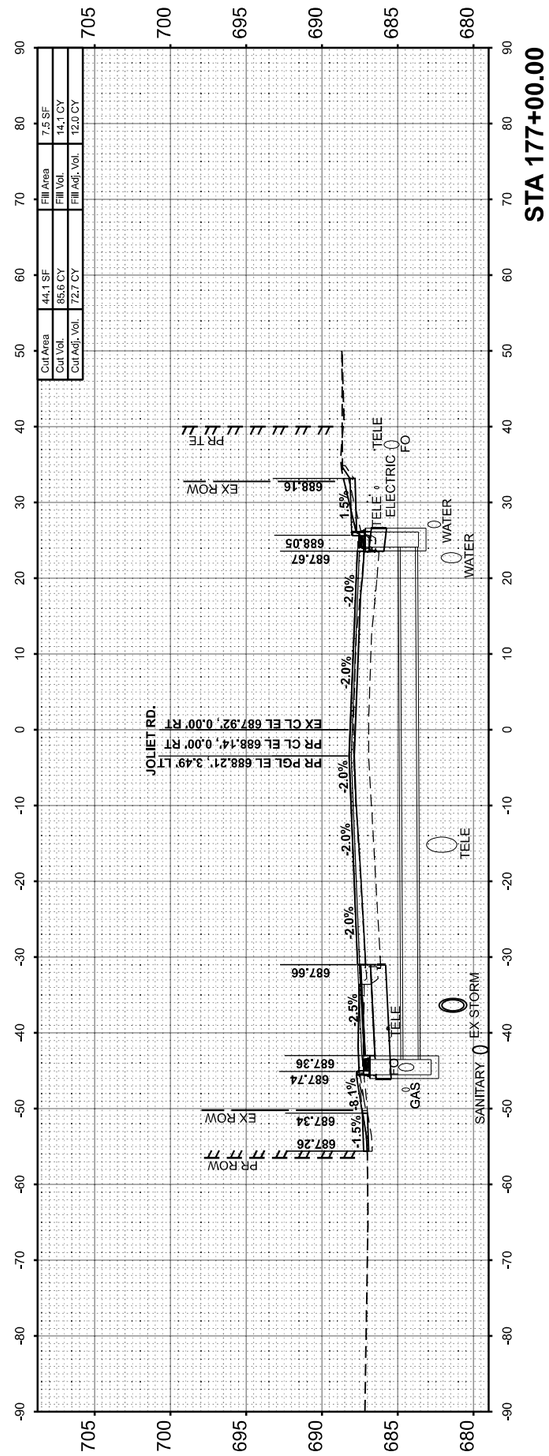
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 109 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

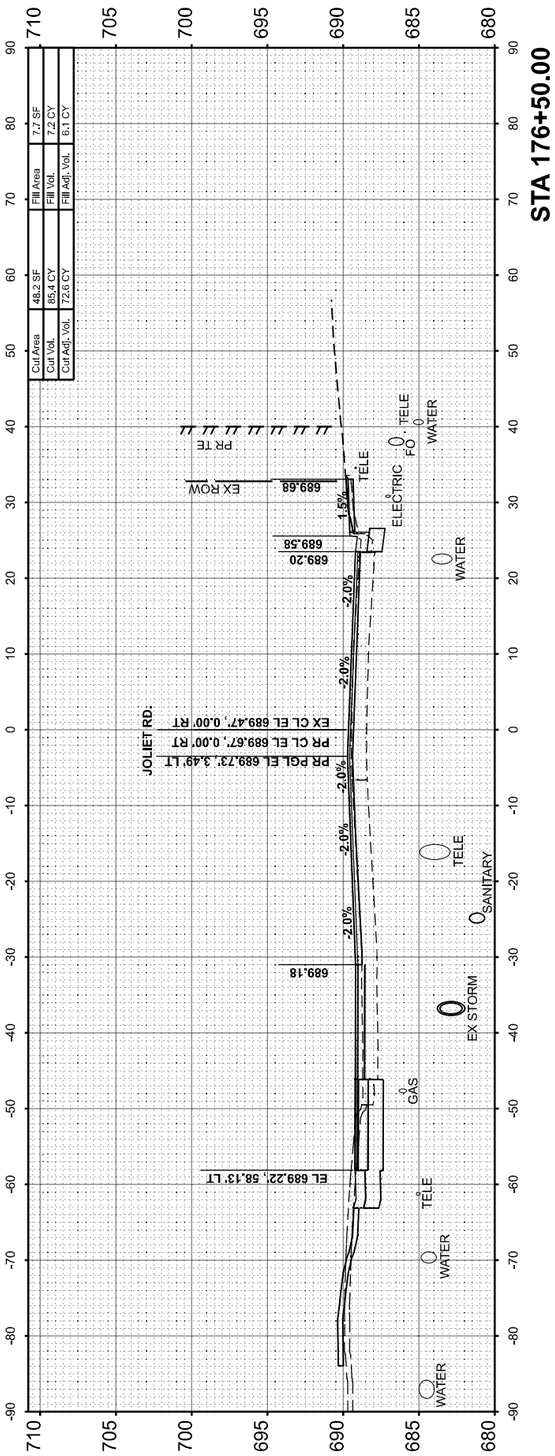
| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK NO. | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK NO. | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




MODEL: Joliet Rd.-1 - 176+50.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserv's_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-xssht.dgn


**Michael Baker**
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Phone: (312) 707-8770 • MBAKERINTL.COM

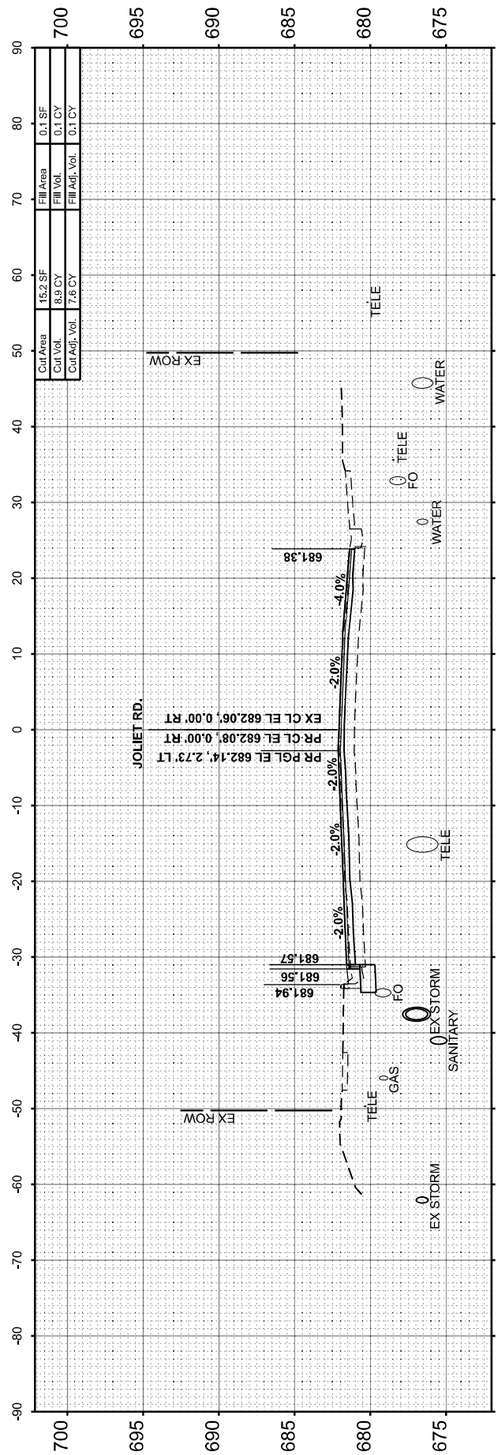

| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

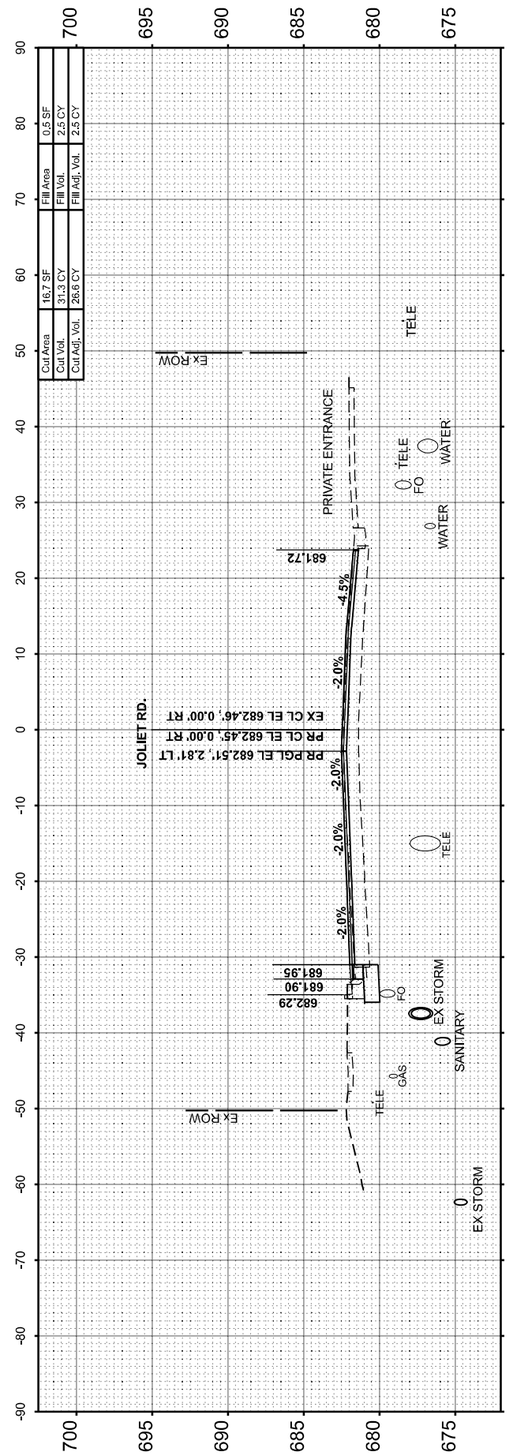
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

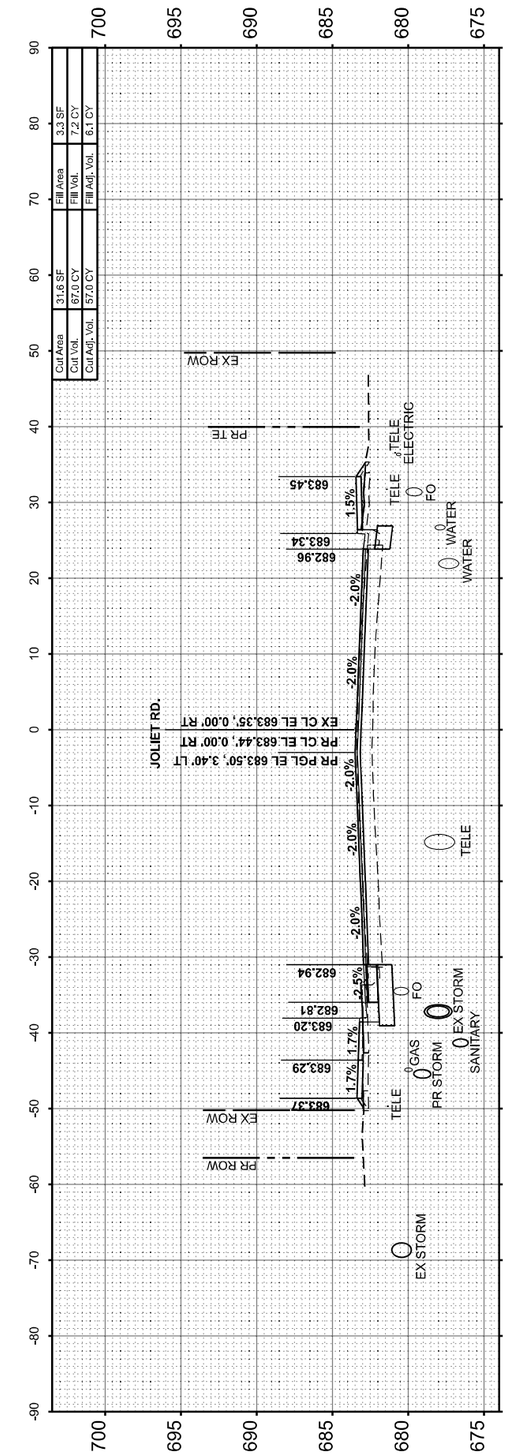
**PROPOSED CROSS SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

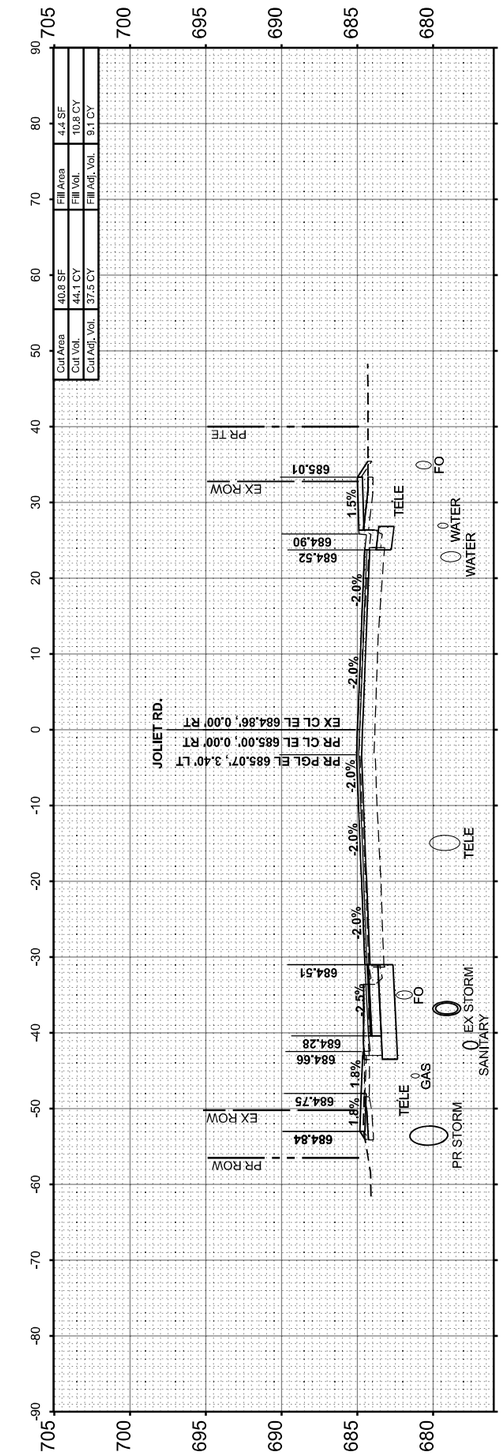
SCALE: 1"=10' | SHEET 4 OF 11 SHEETS | STA. 176+00.00 TO STA. 177+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 110 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

MODEL: Joliet Rd.-1 - 178+00.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-xssht.dgn


**Michael Baker**
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED CROSS SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=10'-10' | SHEET 5 OF 11 SHEETS | STA. 178+00.00 TO STA. 179+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 111 |

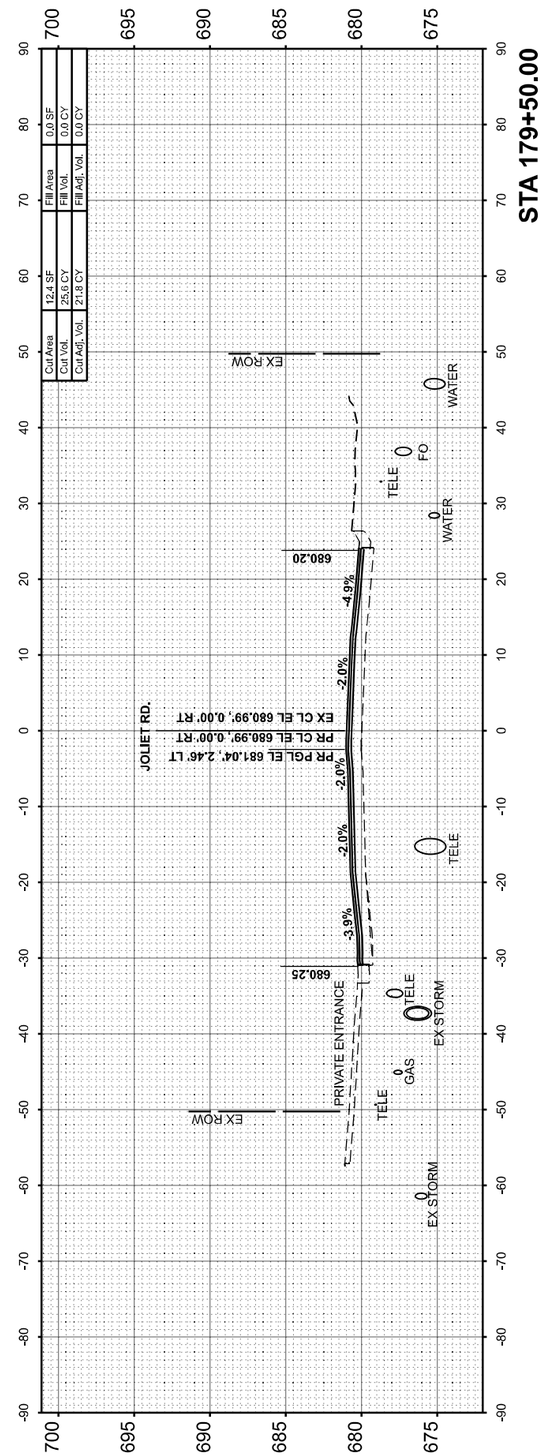
CONTRACT NO. 62B64

ILLINOIS | FED. AID PROJECT

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Joliet Rd.-1 - 179+50.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-xssht.dgn

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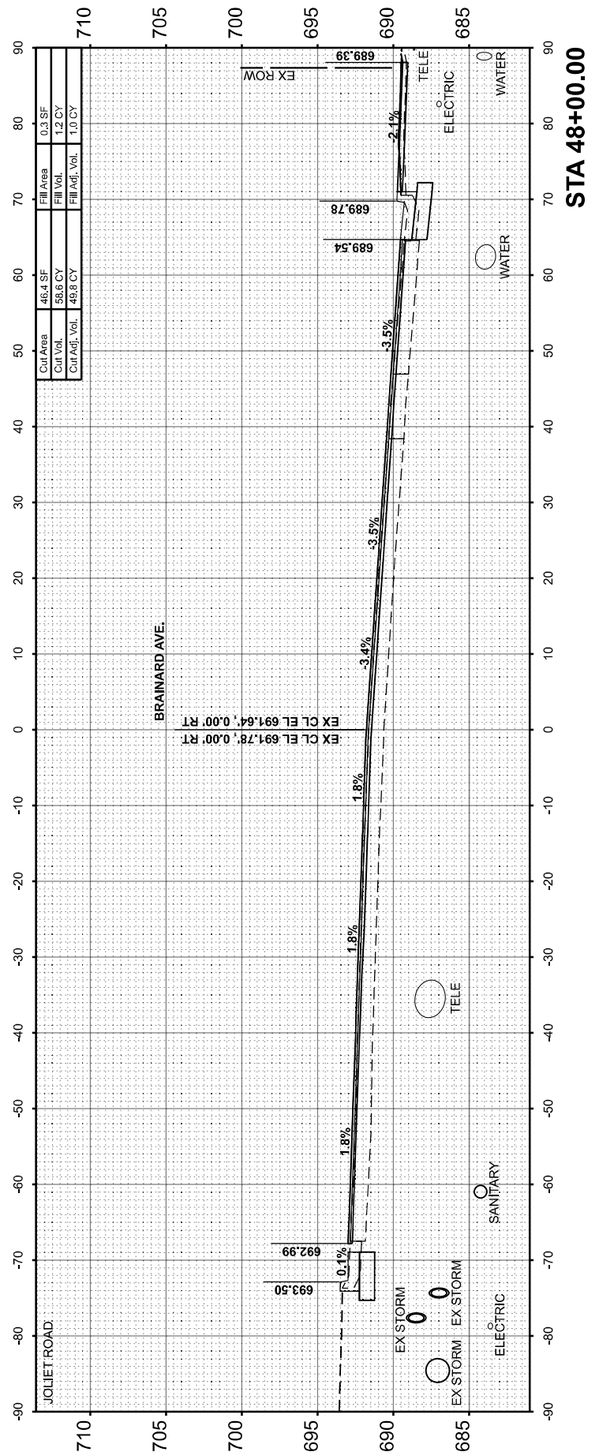
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

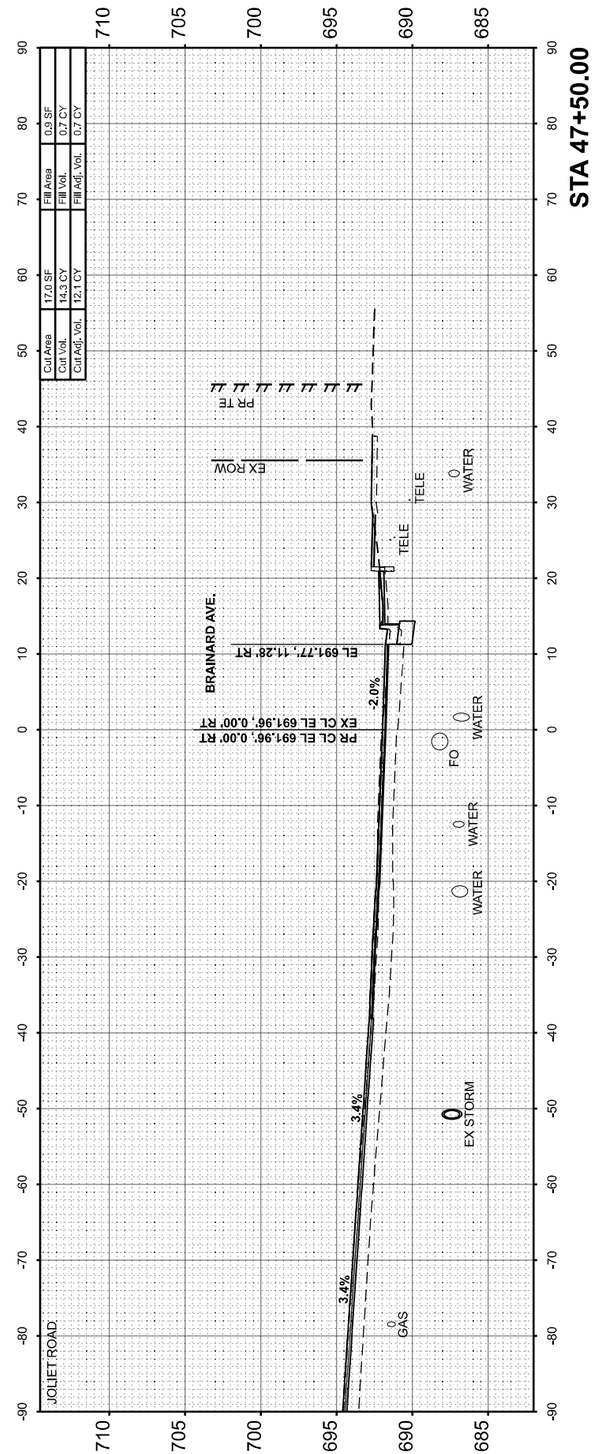
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

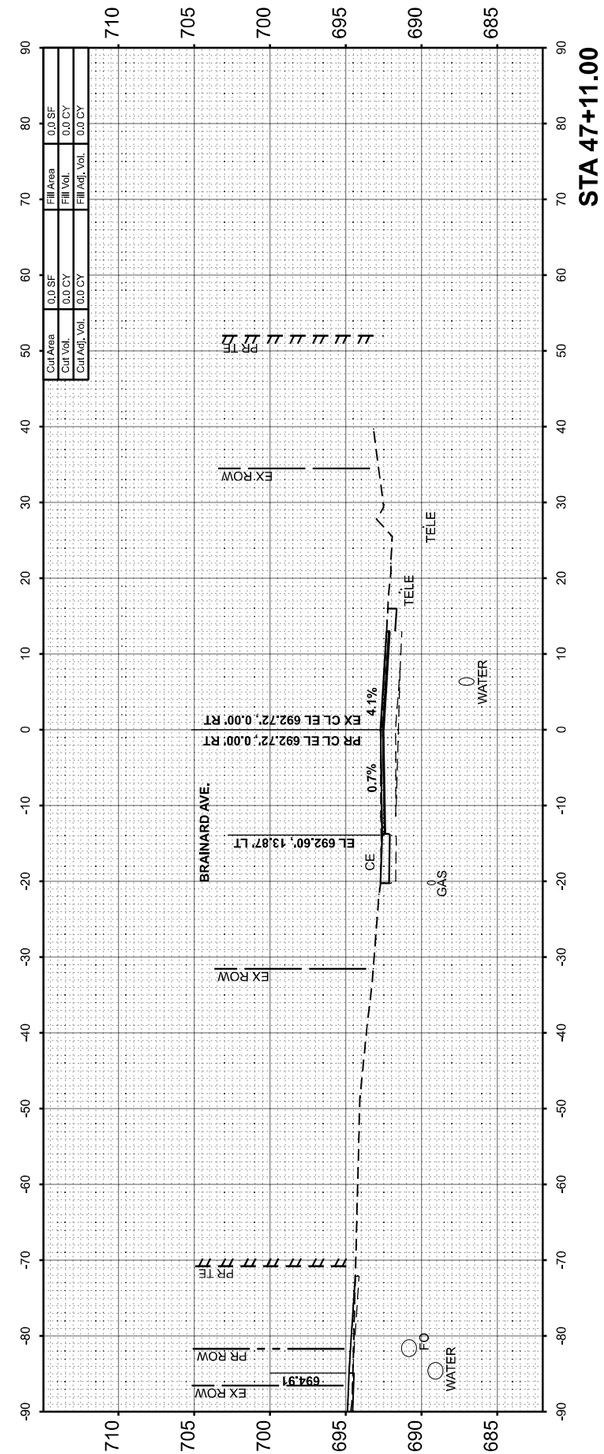
**PROPOSED CROSS SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=10' | SHEET 6 OF 11 SHEETS | STA. 178+85.00 TO STA. 178+85.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 112 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Brainard Ave. - 47+15.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-xssht.dgn


Michael Baker
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

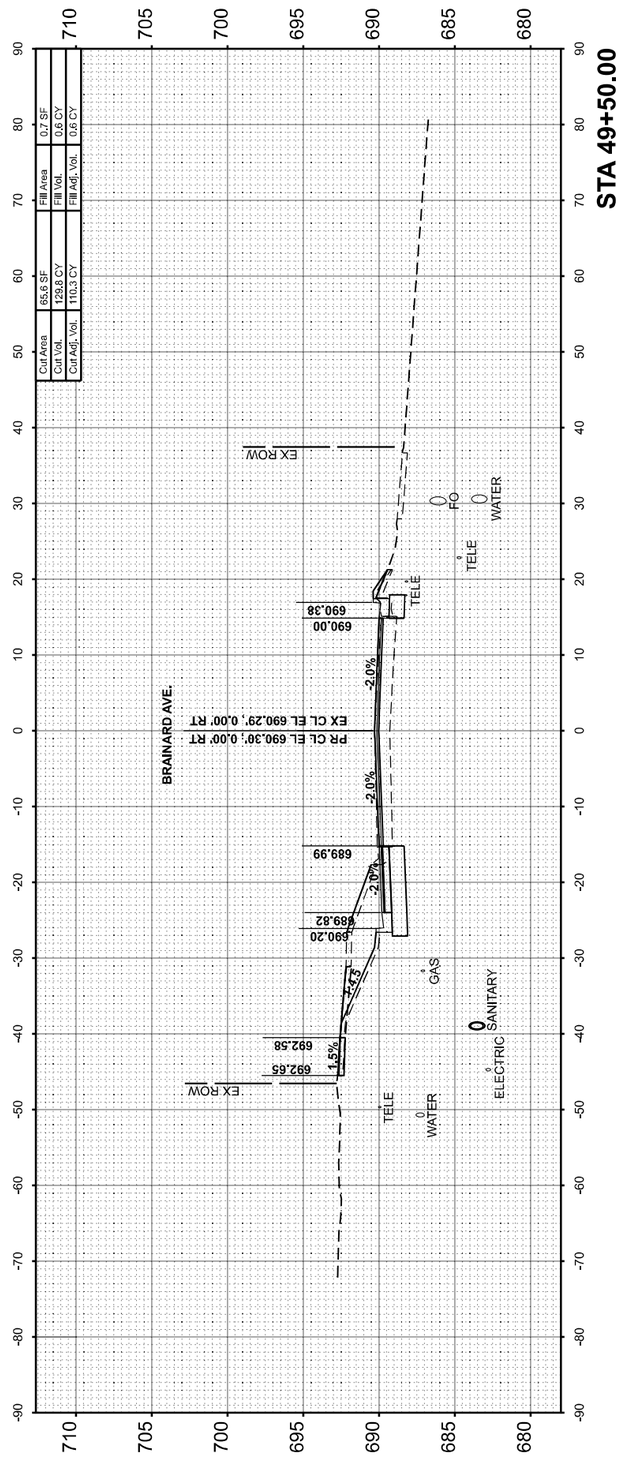
# PROPOSED CROSS SECTIONS
# JOLIET ROAD AT BRAINARD AVENUE

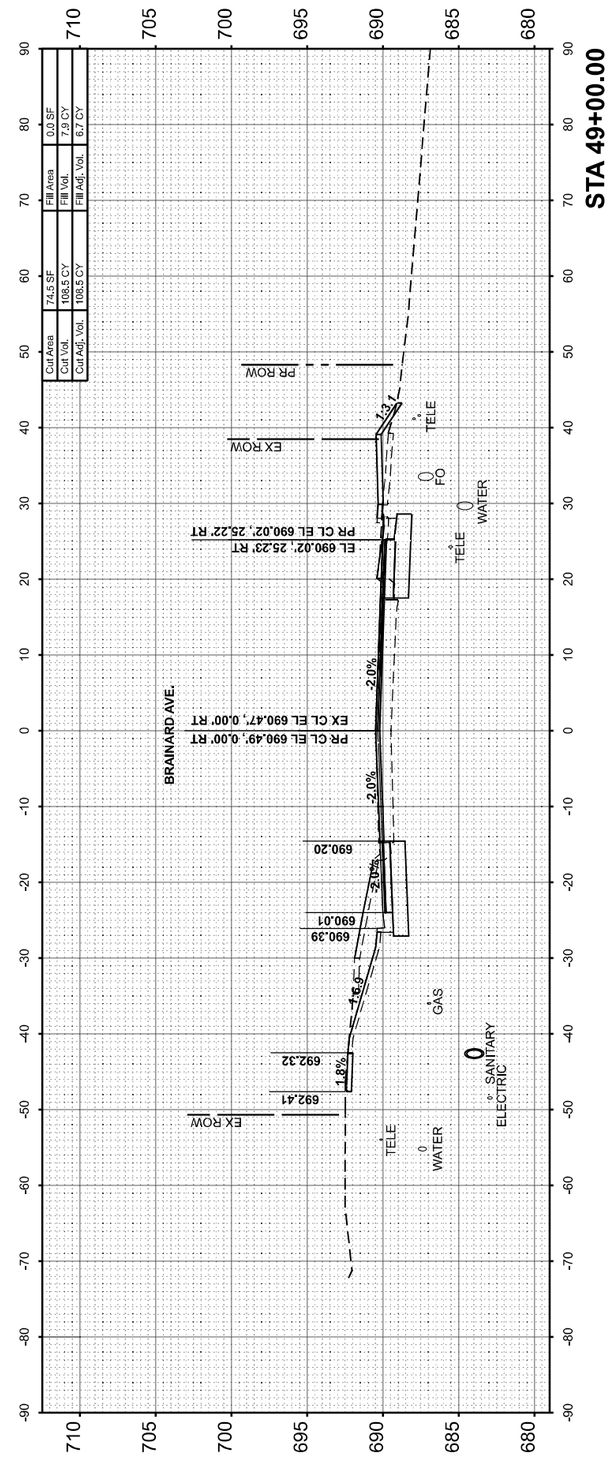
SCALE: 1"=10' | SHEET 7 OF 11 SHEETS | STA. 47+11.16 TO STA. 48+00.00

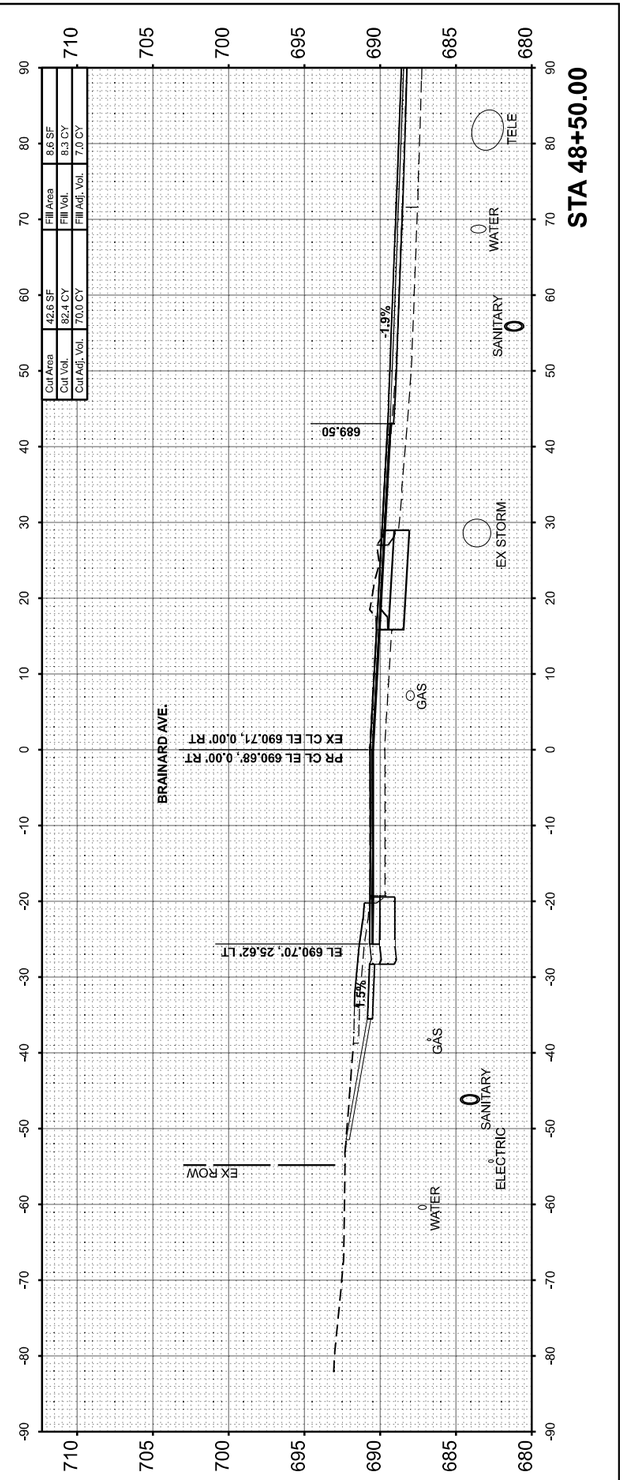
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 113 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




MODEL: Brainard Ave. - 48+50.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-xssht.dgn

**Michael Baker INTERNATIONAL**
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

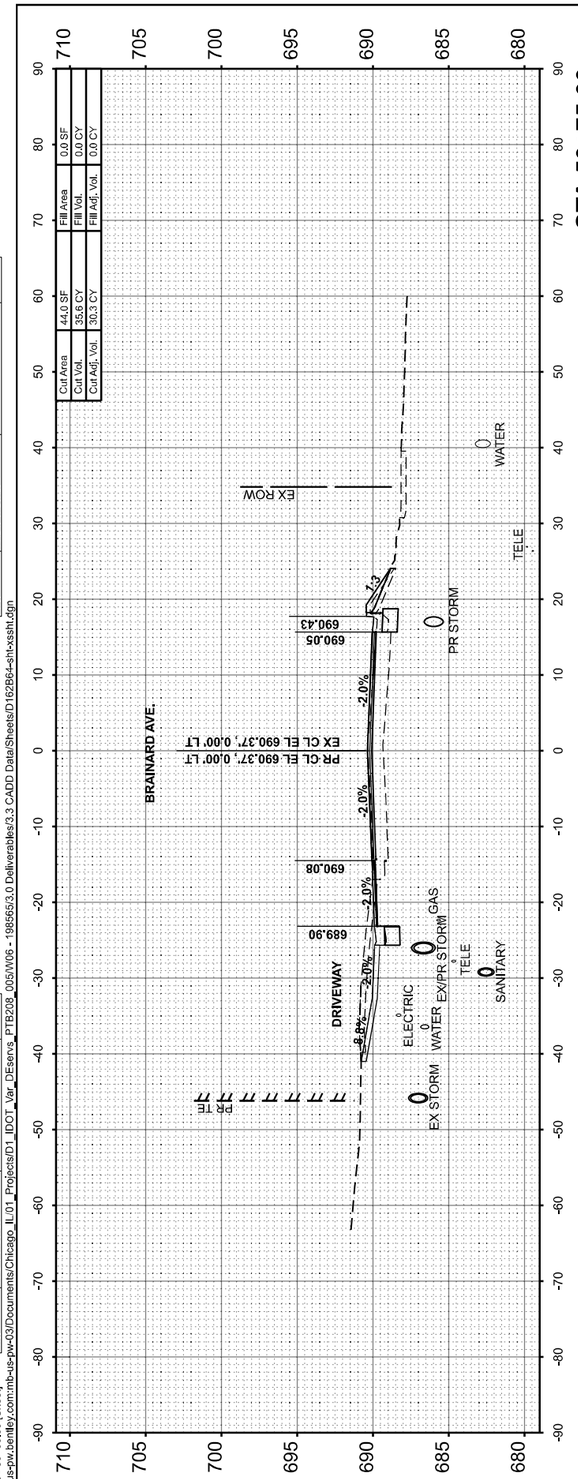
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

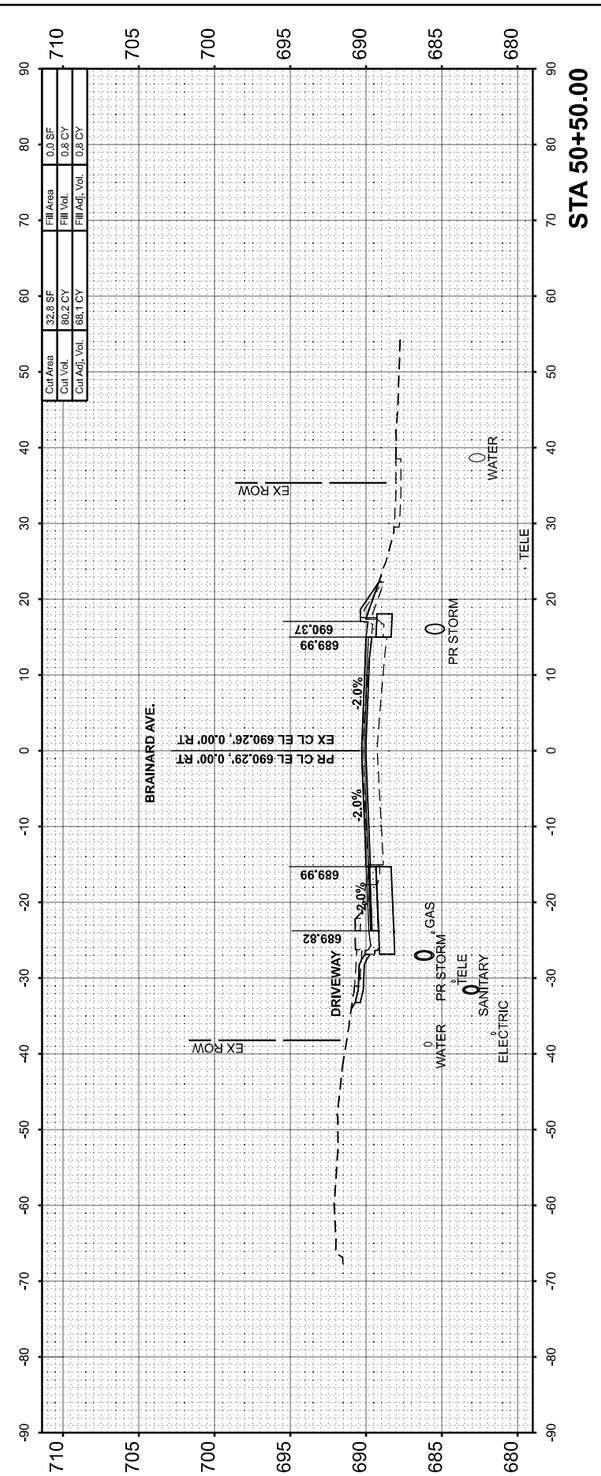
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

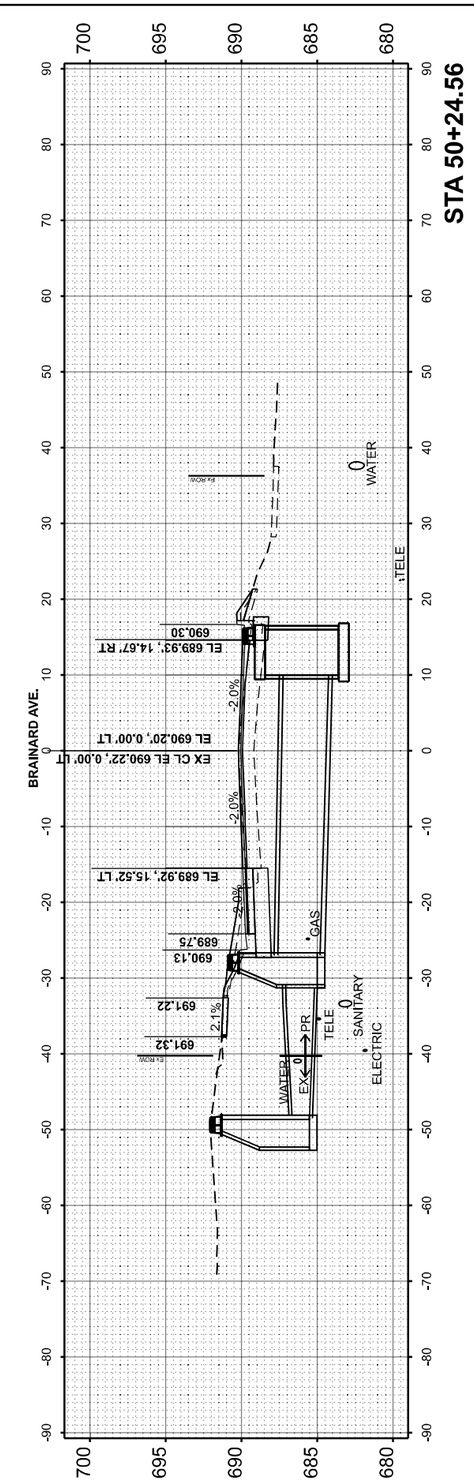
**PROPOSED CROSS SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

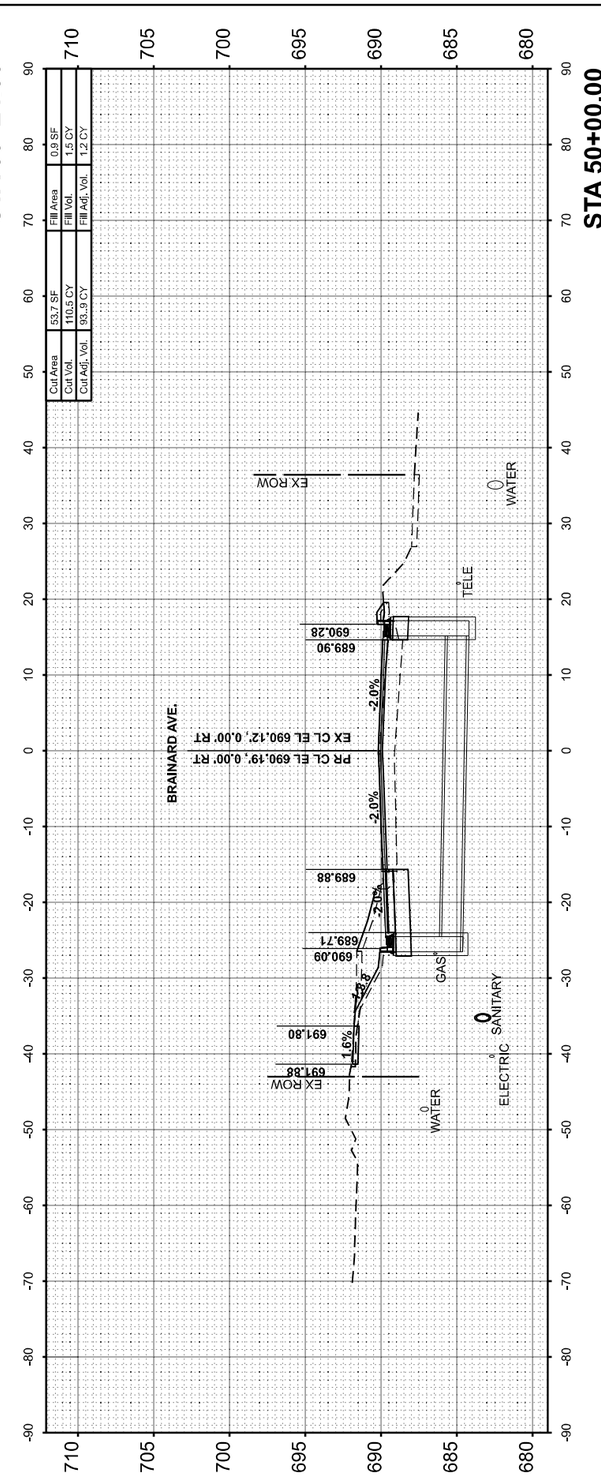
SCALE: 1"=10' | SHEET 8 OF 11 SHEETS | STA. 48+50.00 TO STA. 49+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 114 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |




| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Brainard Ave. - 50+00.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEserve_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-xssht.dgn


**Michael Baker**
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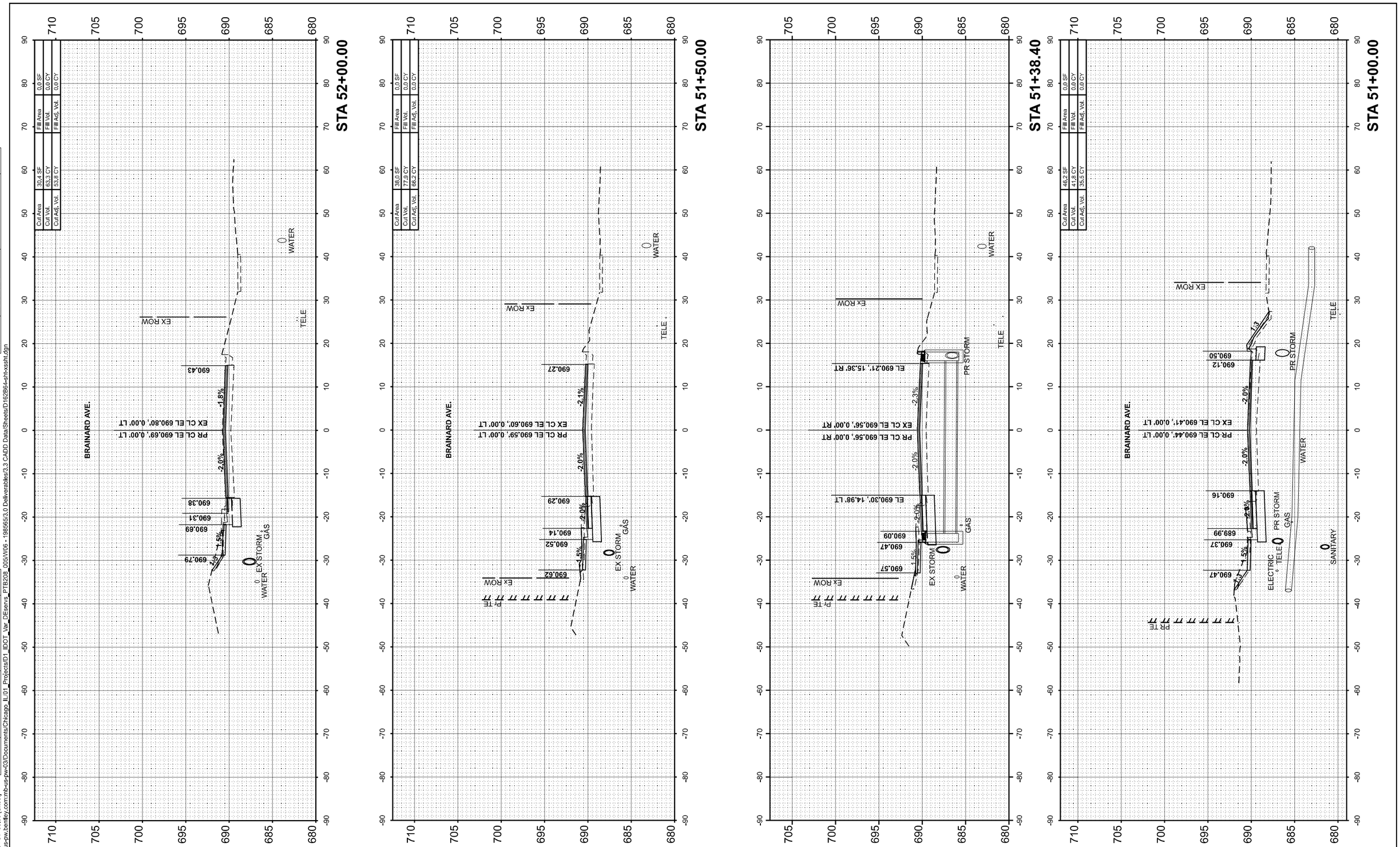
| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED CROSS SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=10' | SHEET 9 OF 11 SHEETS | STA. 50+00.00 TO STA. 51+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 115 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS FED. AID PROJECT | | |




| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Brainard Ave. - 51+00.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-xssht.dgn


**Michael Baker**
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200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM


| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED CROSS SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

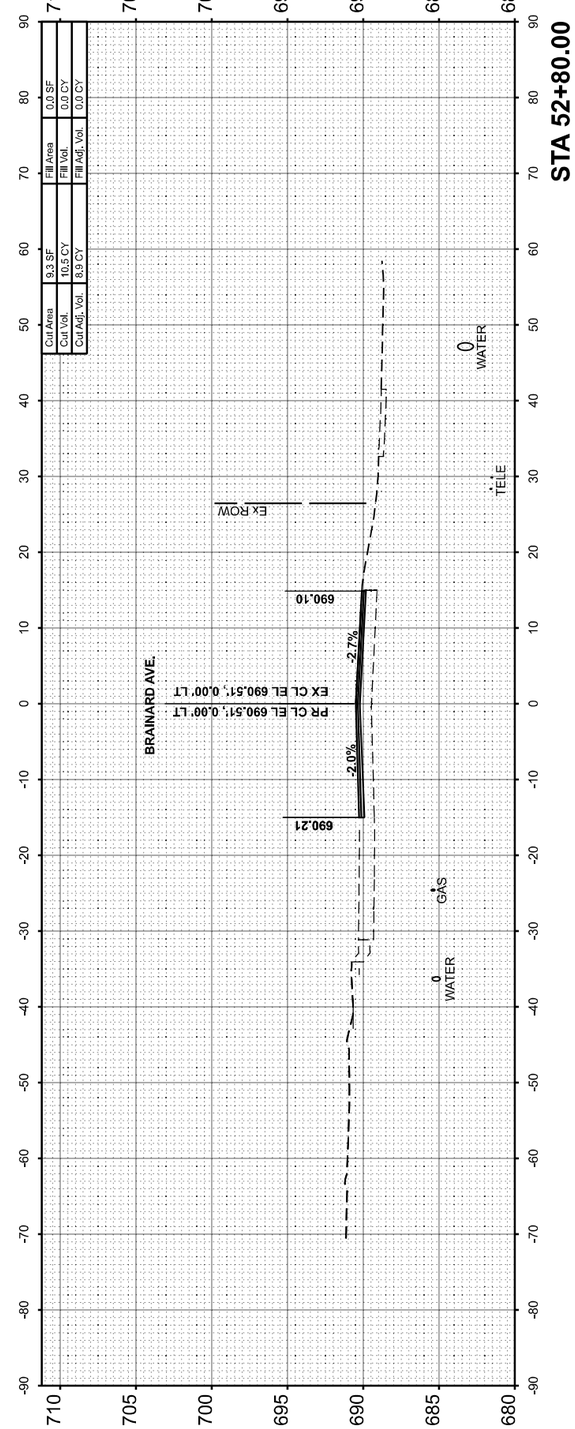
SCALE: 1"=10' | SHEET 10 OF 11 SHEETS | STA. 50+75.00 TO STA. 50+75.00

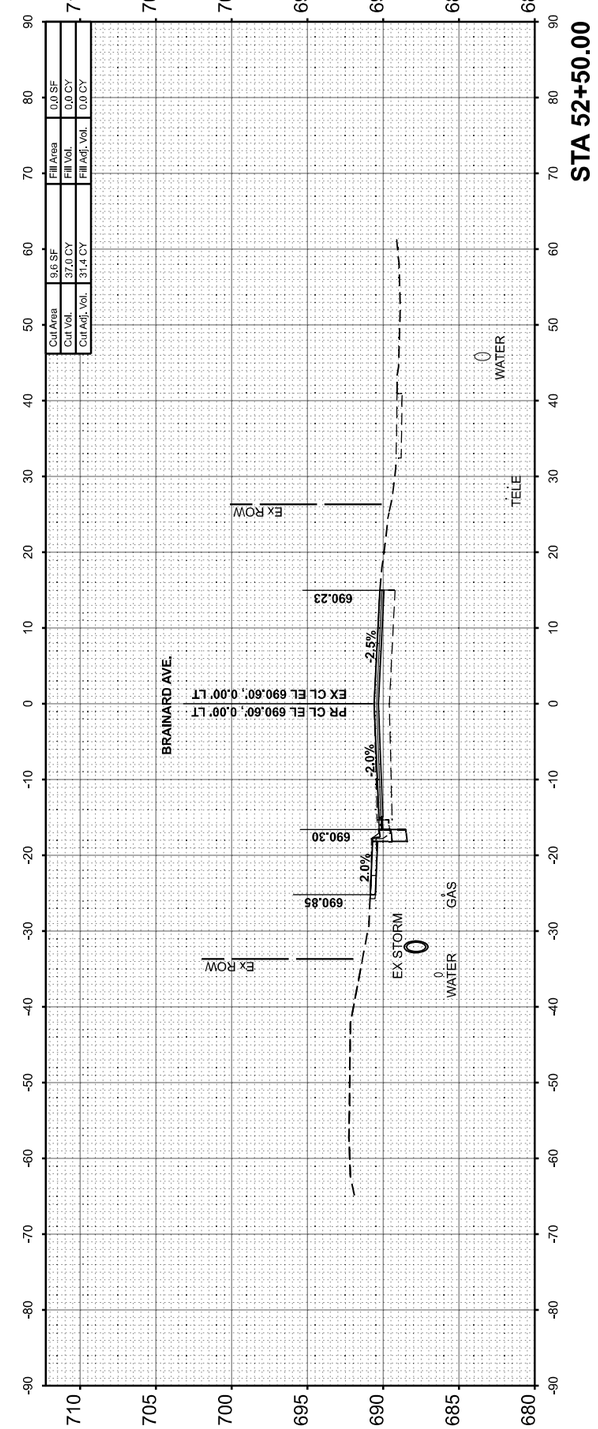
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 116 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Brainard Ave. - 52+50.00 [Sheet]
FILE NAME: pw://mb-us-pw.bentley.com:mb-us-pw-03/Documents/Chicago_IL/01_Projects/D1_IDOT_Var_DEservs_PTB208_005/W06 - 198565/3.0 Deliverables/3.3 CADD Data/Sheets/D162B64-sht-xssht.dgn

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| | | | |
|---|---|---|---|
| USER NAME = Connor.Liss | DESIGNED - ZJT | REVISED - | |
| | DRAWN - MFK | REVISED - | |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - RBB | REVISED - | |
| PLOT DATE = 6/23/2025 | DATE - 07/15/2024 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED CROSS SECTIONS**
**JOLIET ROAD AT BRAINARD AVENUE**

SCALE: 1"=10' | SHEET 11 OF 11 SHEETS | STA. 52+80.00 TO STA. 52+80.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 3562 | (430Y)N-1 | COOK | 117 | 117 |
| | | CONTRACT NO. 62B64 | | |
| | | ILLINOIS FED. AID PROJECT | | |