FAU RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH		COOK	214	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 61K82		

INDEX OF SHEETS
FOR INDEX OF SHEETS, SEE SHEET NO. 2

INDEX OF HIGHWAY STANDARDS
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

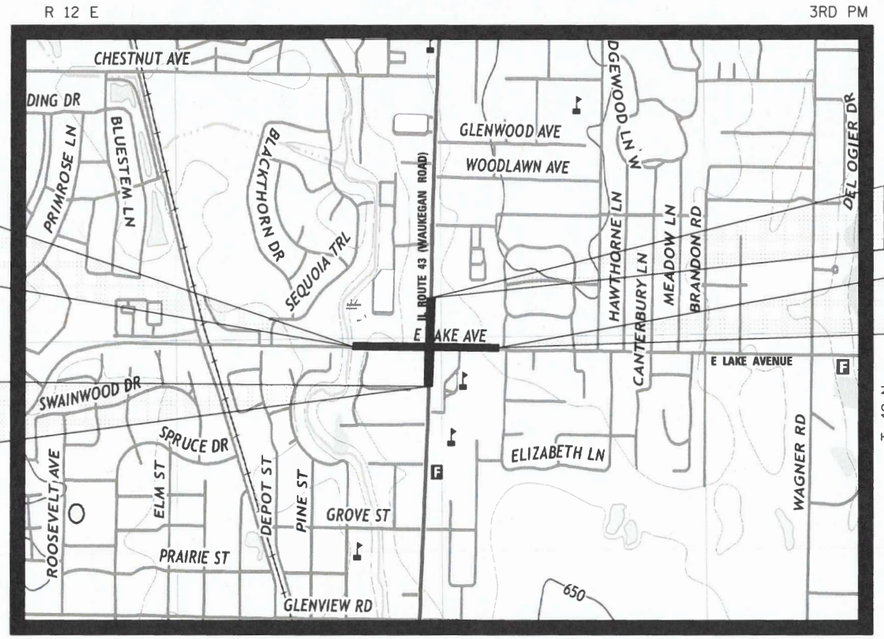
09-18-2026 LETTING ITEM 021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAP ROUTE 0348 IL ROUTE 43 (WAUKEGAN ROAD)
AT FAU ROUTE 1292 (EAST LAKE AVENUE)
RESURFACING, WIDENING, LIGHTING, TRAFFIC SIGNALS
SECTION 22-00206-00-CH
PROJECT SYQD(014)
VILLAGE OF GLENVIEW
COOK COUNTY

C-91-013-23



IMPROVEMENT BEGINS
STA. 200+23.06
E LAKE AVENUE

IMPROVEMENT BEGINS
STA. 105+10.40
IL ROUTE 43 (WAUKEGAN ROAD)

IMPROVEMENT ENDS
STA. 116+05.00
IL ROUTE 43 (WAUKEGAN ROAD)

IMPROVEMENT ENDS
STA. 218+60.00
E LAKE AVENUE

NORTHFIELD TOWNSHIP

LOCATION MAP
NOT TO SCALE

POSTED AND DESIGN SPEED:
ILLINOIS ROUTE 43 - 35 MPH
EAST LAKE AVENUE (WEST LEG) - 40 MPH
EAST LAKE AVENUE (EAST LEG) - 35 MPH

DESIGN DESIGNATIONS:
ILLINOIS ROUTE 43
- 25,100 (2017) 28,600 (2040) OTHER PRINCIPAL ARTERIAL

EAST LAKE AVENUE
- 31,700 (2015) 33,000 (2040) MINOR ARTERIAL

CONTACT THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO 2 DAYS BEFORE STARTING WORK.

P (708) 588-4055
E WMOJobStart@mwrd.org

0 10' 20' 30' 100' 200' 300' — 1"= 100'
0 10' 20' 30' — 1"= 10'
0 50' 100' — 1"= 50'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 30'
0 50' 100' — 1"= 20'

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

CONTRACT NO. 61K82

PROJECT LENGTH (NET AND GROSS):
ILLINOIS ROUTE 43 - 1,094.60 FT. (0.207 MILE)
EAST LAKE AVENUE - 1,836.94 FT. (0.348 MILE)
TOTAL - 2,931.54 FT. (0.555 MILE)

CIVILTECH ENGINEERING, INC. 184-000826 LS/PE/SE CORPORATION ILLINOIS

JOSEPH J. EMRY 062-057496 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
SIGNED _____ EXPIRES 11-30-2025
DATE 9-29-2025
FOR DRAWINGS 106 TO 137

DEREK N. MALL 062-051309 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
SIGNED _____ EXPIRES 11-30-2025
DATE 9-29-2025
FOR DRAWINGS 138 TO 161

LOCATION OF SECTION INDICATED THUS:-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
APPROVED 2-28 20 25
VILLAGE OF GLENVIEW DEPUTY DIRECTOR OF PUBLIC WORKS

PASSED July 17 20 26
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW July 17 2026 20
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DAVID J. KREEGER 062-056281 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
SIGNED _____ EXPIRES 11-30-2025
DATE 9-29-2025
FOR DRAWINGS 1 TO 105, AND 162 TO 214

CIVILTECH
Two Pierce Place, Suite 1400 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975
www.civiltechinc.com

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

PLAN | NOTE BOOK NO.____ | SURVEYED ____ PLOTTED ____ ALIGNMENT CHECKED ____ RT. OF WAY CHECKED ____ CADD FILE NAME ____ | BY | DATE

PROFILE | NOTE BOOK NO.____ | SURVEYED ____ PLOTTED ____ GRADES CHECKED ____ B.M. NOTED ____ STRUCTURE NO(TAN)S CHKD | BY | DATE

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GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2026; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" EIGHTH EDITION, "AMERICAN STANDARDS FOR NURSERY STOCK, 2004 EDITION"; THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.

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

3. ALL UTILITY COMPANIES, GLENVIEW FIRE DEPARTMENT (847-724-2141) AND GLENVIEW POLICE DEPARTMENT (847-729-5000) SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.

4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

5. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE EITHER HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND DEPOSITED AT LOCATIONS PROVIDED BY HIM/HER, OR DISPOSED OF WITHIN THE RIGHT-OF-WAY IN A MANNER OTHER THAN BURNING, SUBJECT TO THE APPROVAL OF THE ENGINEER.

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

PAVING, CURB & GUTTER AND SIDEWALK

1. HOT-MIX ASPHALT BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.

2. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION AND TOPSOIL PLACEMENT HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

3. THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE, BINDER, OR BASE UPON WHICH THE HOT-MIX ASPHALT MATERIALS ARE PLACED.

4. ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER, MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

5. WITHIN THE RESURFACING SECTION OF THE PROJECT, CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL AND REPLACEMENT, PATCHING, AND STRUCTURES TO BE ADJUSTED WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

TREE PROTECTION

1. ALL TREE PROTECTION, TREE REMOVAL, TREE PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

2. TEMPORARY FENCE SHALL BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WHEN DIRECTED BY THE ENGINEER. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

3. THE CONTRACTOR SHALL MARK ALL TREES TO BE REMOVED IN A MANNER MEETING THE APPROVAL OF THE ENGINEER PRIOR TO THE START OF REMOVAL OPERATIONS. ALL TREES TO BE REMOVED SHALL BE APPROVED BY THE ENGINEER PRIOR TO REMOVAL.

4. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE ROW. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

ROADWAY EXCAVATION AND SUBGRADE

1. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

2. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER.

3. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS 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 ASI 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.

4. THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE CS1 OR RR1.

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - KDC		REVISED -
DRAWN - JFG		REVISED -
CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES

SHEET 1 OF 1 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	2
		CONTRACT NO. 61K82		
	ILLINOIS			

MODEL: SMODELNAMES
FILE NAME: ...13681-Gen Notes

GENERAL NOTES (CONTINUED)

UTILITIES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY.

2. STRUCTURE ADJUSTMENTS AND RECONSTRUCTIONS HAVE BEEN SHOWN BASED ON FIELD INVESTIGATIONS. THE FINAL DETERMINATION FOR WHETHER THE WORK TO BE PERFORMED IS AN ADJUSTMENT OR RECONSTRUCTION WILL BE MADE BY THE ENGINEER IN THE FIELD.

PIPE UNDERDRAINS

1. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.

STORM & SANITARY SEWER

1. DRAINAGE STRUCTURE FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE LANE. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.

2. ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SERVICES SHALL BE REPAIRED BY THE CONTRACTOR.

3. ONLY METHOD 1 UNDER ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS SHALL BE ALLOWED FOR THE PLACEMENT OF TRENCH BACKFILL.

STAKING

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE ENGINEER OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

2. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

3. THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.

4. PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SIDEWALK, UNLESS OTHERWISE INDICATED.

5. THE CONSTRUCTION BASELINE HAS BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT-OF-WAY.

EROSION CONTROL

1. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

2. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

3. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.

4. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.

5. ALL SLOPES SHALL BE COVERED WITH SOD AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED. THE LIMITS OF THE SOD SHALL BE THE LIMITS OF GRADING.

6. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES IN THE CURB AND GUTTER AND SHOULDERS. INLET AND PIPE PROTECTION SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES IN LANDSCAPED AREAS.

7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.

8. SEE STANDARD 280001 FOR ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL DETAILS AND REQUIREMENTS.

9. WHEN A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES MEETING THE APPROVAL OF THE ENGINEER SHALL BE PROVIDED.

10. THE SURFACE OF ALL STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION WITH THE USE OF TEMPORARY EROSION CONTROL SEEDING. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.

MISCELLANEOUS

1. UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.

2. THE CONTRACTOR SHALL NOT CROSS COMPLETED BINDER COURSE, OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH CONSTRUCTION EQUIPMENT WHICH MAY DAMAGE THE PAVEMENT.

3. 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 ENGINEER.

4. TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT BRANDY KENNEDY, THE AREA TRAFFIC FIELD ENGINEER, AT BRANDY.KENNEDY@ILLINOIS.GOV.

5. 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. DROPOFFS GREATER THAN OR EQUAL TO 12" AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE SHALL BE BACKFILLED IN ACCORDANCE WITH TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY. 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.

6. ALL WORK SHALL BE IN ACCORDANCE WITH IDOT'S SAFETY ENGINEERING POLICY MEMORANDUM, SAFETY 4-21, INCLUDING THE REQUIREMENT FOR USE OF TEMPORARY OR MILLED SLOPE EDGES (MIN OF 1:3). THIS MAY REQUIRE ADDITIONAL PASSES OF THE MILLING MACHINE OR THE USE OF A SECONDARY, SMALLER MILLING MACHINE TO CREATE THE REQUIRED EDGE. THE COST TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF "HOT-MIX ASPHALT SURFACE REMOVAL" OF THE THICKNESS SPECIFIED.

COMMITMENTS

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

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE PROPOSED DEVELOPMENT. IF ANY DRAINAGE PATTERNS WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO THE PUBLIC AREA, OR DRAINS APPROVED FOR THE USE BY THE MUNICIPAL ENGINEER, AND THAT SUCH SURFACE WATERS ARE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGES TO ADJOINING PROPERTIES.

THIS PROJECT WILL NOT IMPACT ANY FLOOD PROTECTION AREAS (FLOODPLAIN, WETLAND, RIPARIAN ENVIRONMENTS) WITHIN 100 FEET OF THE PROJECT SITE.

THOMAS J. LILIENSIEK 062-053291 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

REGISTERED P.E., STATE OF ILLINOIS
NO. 062–053291; EXPIRES 11–30–2025

PLAN
SURVEYED ____ BY
PLOTTED ____ DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME ____
NOTE BOOK ____
NO. ____

PROFILE
SURVEYED ____ BY
PLOTTED ____ DATE
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK ____
NO. ____

MODEL: SMODELNAMES
FILE NAME: ...\3681-Gen Notes

CIVILTECH
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CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

SHEET 1 OF 1 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	3
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
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MWRD GENERAL NOTES

A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:

   *STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JANUARY 1, 2023), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;

   *STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;

   *VILLAGE OF GLENVIEW MUNICIPAL CODE;

   *THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;

   *IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO WMOJOBSTART@MWRD.ORG).

2. THE VILLAGE OF GLENVIEW ENGINEERING AND PUBLIC WORKS DEPARTMENTS MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.

3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.

3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABITILTY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.

4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPORVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.

5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.

6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.

8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.

9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.

10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHAL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWERS

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.

2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.

3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANTIARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.

4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).

5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.

6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION) ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3212
14-INCH TO 48-INCH	AWWA C905	ASTM D-3212

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11, OR CA-13 AND SHALL BE EXTENDED AT LEAST 12* ABOVE THE TOP OF THE PIPE WHEN USING PVC.

9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.

10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.

11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
    A) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
    B) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACED WITH A WYE OR TEE BRANCH SECTION.
    C) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING COUPLINGS TO HOLD IT FIRMLY IN PLACE.

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSIDE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSRUCTED TO WATERMAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.

13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.

16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONSTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.

2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.

3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   A) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   B) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.

9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.

10 TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.

11. DISTRUBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILITIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.

12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACITLITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE ROW OF SILT FENCE (OR EQUIVALENT).

13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

14. SOIL STOCKPILES, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.

15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.

16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.

17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY SEWER OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.

18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGED TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.

20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.

21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.

22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.

23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

MODEL: $MODELNAME$
FILE NAME: ...\3681-Gen Notes

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DRAWN - JFG		REVISED -
CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD GENERAL NOTES

SHEET 1 OF 1 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	4
		CONTRACT NO. 61K82		
	ILLINOIS			

LEGEND

PROJECT AREA

N

Pleasant Ln

Sunset Ri

Cole Park

Glenwood Ave

Woodlawn Ave

Waukegan Rd

Hawthorne Ln

Meadow Ln

Brandon Rd

Wagner Rd

76.5" MWRD INTERCEPTOR

10" VILLAGE OF GLENVIEW SANITARY SEWER

15" IDOT STORM SEWER

WEST FORK NORTH BRANCH CHICAGO RIVER

EXISTING CONNECTION TO 76.5" MWRD INTERCEPTOR (GOLF GLENVIEW NO. 2)

PROJECT LOCATION

HUNTINGTON DRIVE

54" X 60" MWRD INTERCEPTOR

EXISTING CONNECTION TO 54" x 60" MWRD INTERCEPTOR (HARMS ROAD SEWER)

10" VILLAGE OF GLENVIEW SANITARY SEWER

8" VILLAGE OF GLENVIEW SANITARY SEWER

18" VILLAGE OF GLENVIEW SANITARY SEWER

E Lake Ave

48" CCDOTH STORM SEWER OUTFALL TO WEST FORK NORTH BRANCH CHICAGO RIVER

36" CCDOTH STORM SEWER

36" CCDOTH STORM SEWER

STEVENS DRIVE

SANFORD LANE

15" IDOT STORM SEWER

76.5" MWRD INTERCEPTOR

8" VILLAGE OF GLENVIEW SANITARY SEWER

Glenview

Grove St

Raleigh Rd

10" VILLAGE OF GLENVIEW SANITARY SEWER

North Shore Country Club

EXISTING CONNECTION TO 76.5" MWRD INTERCEPTOR (GOLF GLENVIEW NO. 2)

18" VILLAGE OF GLENVIEW SANITARY SEWER

Glenview Rd

Golfview Rd

Lincoln St

Washington St

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MODEL: \MODELNAME\$
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MWRD ROUTING MAP

SHEET 1 OF 1 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	5
		CONTRACT NO. 61K82		
	ILLINOIS			

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	94	54	40							
X	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	224	88	136							
	20101000	TEMPORARY FENCE	FOOT	950	520	430							
X	20101100	TREE TRUNK PROTECTION	EACH	23	13	10							
X	20101200	TREE ROOT PRUNING	EACH	23	13	10							
X	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	11	9	2							
X	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	12	4	8							
	20200100	EARTH EXCAVATION	CU YD	1720	800	920							
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	946	596	350							
	20400800	FURNISHED EXCAVATION	CU YD	200	100	100							
	20800150	TRENCH BACKFILL	CU YD	610	32	249	329						
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1123	321	802							
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2188	600	1588							
	21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	91	91								
X	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	29	9	20							
X	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	29	9	20							
X	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	29	9	20							

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.____, BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, S.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO.____, BY, DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	6
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	25200110	SODDING, SALT TOLERANT	SQ YD	2281	693	1588							
X	25200200	SUPPLEMENTAL WATERING	UNIT	127	37	88							2
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	48	15	33							
	28000400	PERIMETER EROSION BARRIER	FOOT	639	112	527							
	28000510	INLET FILTERS	EACH	71	31	40							
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	2281	693	1588							
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	169	79	90							
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2139	935	1204							
	31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	46	21	25							
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2126	550	1576							
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	425	301	124							
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	20	20								
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	101	59	42							
	35400540	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 14"	SQ YD	94		94							
	35501318	HOT-MIX ASPHALT BASE COURSE, 8 1/2"	SQ YD	412		412							
	35501330	HOT-MIX ASPHALT BASE COURSE, 11 1/2"	SQ YD	600	600								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 2 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	7
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
	35800100	PREPARATION OF BASE	SQ YD	1257	706	551							
	35800200	AGGREGATE BASE REPAIR	TON	307	142	165							
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2549	1528	1021							
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5324	2635	2689							
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	12750	6199	6551							
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	31	16	15							
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	133	53	80							
	40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	19		19							
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	15	10	5							
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	872	451	421							
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	12	8	4							
	40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	2072	1072	1000							
	42001300	PROTECTIVE COAT	SQ YD	3967	1495	2472							
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	402	285	117							
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	15727	4272	11455							
	42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	2894	673	2221							
	44000100	PAVEMENT REMOVAL	SQ YD	344	118	226							

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 3 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	8
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	18565	9481	9084							
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	519	383	136							
	44000300	CURB REMOVAL	FOOT	62	62								
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2994	1212	1782							
	44000600	SIDEWALK REMOVAL	SQ FT	14667	4132	10535							
	44003100	MEDIAN REMOVAL	SQ FT	9290	5615	3675							
	44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	11647	11188	459							
	44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	67	36	31							
	44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	263	87	176							
	44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	346	77	269							
	44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	91	33	58							
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	186	92	94							
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	187	17	170							
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	143		143							
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	278			278						
	55100400	STORM SEWER REMOVAL 10"	FOOT	10	10								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 4 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	9
		CONTRACT NO. 61K82		
	ILLINOIS			

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
	55100500	STORM SEWER REMOVAL 12"	FOOT	177	21	156							
	55100700	STORM SEWER REMOVAL 15"	FOOT	150		150							
X	56100600	WATER MAIN 6"	FOOT	81	31	50							
X	56105000	WATER VALVES 8"	EACH	2								2	
X	56105100	WATER VALVES 10"	EACH	1								1	
X	56106500	ADJUSTING WATER MAIN 10"	FOOT	25								25	
X	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	3		3							
X	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	3	2	1							
X	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	5	3	1						1	
X	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	6		6							
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	325	150	175							
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	18	8	10							
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1								
	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	9	4	5							
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		3							
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1						
	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1						

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 5 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	10
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3			3						
X	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3								3	
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	8	5	3							
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1		1							
	60255500	MANHOLES TO BE ADJUSTED	EACH	6	2	4							
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1			1						
	60260100	INLETS TO BE ADJUSTED	EACH	1		1							
X	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1		1							
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	2	2							
	60500040	REMOVING MANHOLES	EACH	3	2	1							
	60500050	REMOVING CATCH BASINS	EACH	8	4	4							
	60500060	REMOVING INLETS	EACH	1	1								
	60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	4	2	2							
	60600605	CONCRETE CURB, TYPE B	FOOT	56	35	21							
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	643	276	367							
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	252	252								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 6 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	11
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2211	867	1344							
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	4032	2013	2019							
	60624600	CORRUGATED MEDIAN	SQ FT	205	145	60							
X	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1338	558	780							
X	66900530	SOIL DISPOSAL ANALYSIS	EACH	7	3	4							
X	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.5	0.5							
X	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.5	0.5							
X	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	100	50	50							
	67100100	MOBILIZATION	L SUM	1	0.5	0.5							
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	356	178	178							
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	2160	1080	1080							
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	25677	12905	12772							
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	8474	4259	4215							
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	2975	1368	1607							
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	49675	28728	20947							
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	10572	5417	5155							
	70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	8043	4698	3345							

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STATE OF ILLINOIS
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SUMMARY OF QUANTITIES

SHEET 7 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	12
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	3396	1501	1895							
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	1127	480	647							
	70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	287	110	177							
	70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	9791	5321	4470							
	70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	1170	560	610							
	70303160	TEMPORARY PAVEMENT MARKING - LINE 12"- MODIFIED URETHANE	FOOT	286	153	133							
	70303210	TEMPORARY PAVEMENT MARKING - LINE 24"- MODIFIED URETHANE	FOOT	150	60	90							
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	899		899							
X	72000100	SIGN PANEL - TYPE 1	SQ FT	156	76	80							
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	17	6	11							
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	7	3	4							
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	8	3	5							
	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	5	1	4							
X	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	29	14	15							
X	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	359		359							
X	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2735		2735							

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SUMMARY OF QUANTITIES

SHEET 8 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	13
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1126		1126							
X	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1115		1115							
X	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	663		663							
X	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	130		130							
X	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	322	322								
X	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4505	4505								
X	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1306	1306								
X	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1566	1566								
X	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	404	404								
X	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	95	95								
X	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	88		88							
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	146	44	102							
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	42692	22713	19979							
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	561	66	495							
X	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1						1			
X	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1						1			
X	81028160	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3/4" DIA.	FOOT	30									30

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 9 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	14
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1753				1753					
X	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	285						200			85
X	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	845				50		795			
X	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	889				889					
X	81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	245						245			
X	81300320	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"	EACH	2									2
X	81400100	HANDHOLE	EACH	6				5		1			
X	81400200	HEAVY-DUTY HANDHOLE	EACH	4				4					
X	81400300	DOUBLE HANDHOLE	EACH	4				4					
X	81603037	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	428									428
X	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2095						1900			195
X	81702170	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2/0	FOOT	630						630			
X	81800320	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	3107						3107			
X	82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	8						8			
X	82500370	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	1						1			
X	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	280						280			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	15
		CONTRACT NO. 61K82		
	ILLINOIS			

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	83800506	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT OVER STAINLESS STEEL SCREEN	EACH	30						30			
X	84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	20						20			
X	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4						4			
X	84200804	REMOVAL OF POLE FOUNDATION	EACH	4						4			
X	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4				4					
X	86400100	TRANSCEIVER - FIBER OPTIC	EACH	1				1					
X	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7201				7201					
X	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1518				1518					
X	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1924				1924					
X	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1878				1878					
X	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3411				3411					
X	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5151				5151					
X	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	93				93					
X	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1224				1224					
X	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	28				28					
X	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4				4					
X	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	41				41					

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 11 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	16
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21				21					
X	87900200	DRILL EXISTING HANDHOLE	EACH	4				4					
X	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8				8					
X	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	9				9					
X	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7				7					
X	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8				8					
X	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	15				15					
X	88500100	INDUCTIVE LOOP DETECTOR	EACH	16				16					
X	88600100	DETECTOR LOOP, TYPE I	FOOT	996				996					
X	88700200	LIGHT DETECTOR	EACH	2					2				
X	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1					1				
X	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1					
X	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	13904				11573		2331			
X	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1					
X	89502376	REBUILD EXISTING HANDHOLE	EACH	1		1							
X	89502380	REMOVE EXISTING HANDHOLE	EACH	14				11		3			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 12 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	17
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2				2					
X	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	11				11					
X	A2000090	TREE, ACER X FREEMANII ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	5		5							
X	A2002924	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	EACH	3		3							
X	A2004424	TREE, GINKGO BILOBA (GINKGO), 3" CALIPER, BALLED AND BURLAPPED	EACH	4		4							
X	A2007924	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	3		3							
X	C2006626	SHRUB, ROSA BLUSHING KNOCKOUT (BLUSHING KNOCKOUT), 18" HEIGHT, CONTAINER	EACH	15									15
X	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	1.1									1.1
X	K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	UNIT	0.2									0.2
X	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	1		1							
X	K1005481	SHREDDED BARK MULCH 3"	SQ YD	79	13	66							
	X0320067	BENCH REMOVAL	EACH	1		1							
	X0323706	TRASH RECEPTACLE RELOCATION	EACH	2		2							
X	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	350					350				
X	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	5544				5544					
X	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4					4				
X	X0327997	TRASH RECEPTACLES	EACH	4									4

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STATE OF ILLINOIS
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SUMMARY OF QUANTITIES

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	18
		CONTRACT NO. 61K82		
	ILLINOIS			

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	X1200274	TEMPORARY BYPASS PUMPING SYSTEM	L SUM	1								1	
X	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1				1					
X	X1400202	LUMINAIRE (SPECIAL)	EACH	30						30			
X	X1400238	LUMINAIRE, LED, SPECIAL	EACH	30						30			
X	X1400424	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	842					842				
	X1700112	BRICK PAVER REMOVAL	SQ FT	881		881							
X	X1800003	PLANTING SOIL MIX FURNISH AND PLACE	CU YD	27									27
X	X1800025	REMOVE AND REPLACE LAWN SPRINKLER SYSTEM	FOOT	200									200
X	X2010400	STUMP REMOVAL ONLY	UNIT	398	178	220							
	X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	400	200	200							
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1								
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	9	6	3							
	X4023000	TEMPORARY ACCESS (ROAD)	EACH	1		1							
	X4024100	TEMPORARY ACCESS (WINTERIZE)	SQ YD	313	220	93							
	X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	1304	816	488							
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	307	77	230							

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 14 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	19
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	153		153							
	X4406820	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 2 1/2"	SQ YD	714	620	94							
X	X5430215	CURED-IN-PLACE PIPE LINER, 15"	FOOT	478		478							
X	X5610746	WATER MAIN LINE STOP 6"	EACH	1								1	
X	X5610748	WATER MAIN LINE STOP 8"	EACH	2								2	
X	X5610750	WATER MAIN LINE STOP 10"	EACH	2								2	
X	X5620106	WATER SERVICE RECONNECTIONS	EACH	1								1	
X	X5620112	WATER SERVICE CONNECTION	EACH	1								1	
X	X5630405	REMOVE EXISTING WATER VALVE	EACH	2								2	
	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1			1						
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	8	3	5							
	X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1	1								
X	X6026622	VALVE VAULTS TO BE REMOVED	EACH	2								2	
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	21	10	11							
X	X6350108	FLEXIBLE DELINEATORS	EACH	33	33								
X	X6640618	ORNAMENTAL FENCE	FOOT	28									28
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	18	9	9							

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STATE OF ILLINOIS
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SUMMARY OF QUANTITIES

SHEET 15 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	20
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
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					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5							
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	244	104	140							
X	X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	439	201	238							
X	X7810301	RECESSED REFLECTIVE PAVEMENT MARKER (HMA)	EACH	85	85								
	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	10		10							
X	X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	10		10							
X	X8000003	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18						18			
X	X8040104	TEMPORARY ELECTRIC SERVICE INSTALLATION	EACH	1						1			
X	X8200002	FLOOD LIGHTING UNIT	EACH	3									3
X	X8210405	LUMINAIRE SHIELD	EACH	2						2			
X	X8211007	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	12						12			
X	X8211008	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	17						17			
X	X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	1						1			
X	X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1						1			
X	X8300001	LIGHT POLE (SPECIAL)	EACH	30						30			
X	X8302151	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	3						3			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 16 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	21
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
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					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	X8302163	TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15 FT. MAST ARM	EACH	19						19			
X	X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	72						72			
X	X8570235	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1				1					
X	X8620200	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1				1					
X	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	7270				7270					
X	X8750510	TRAFFIC SIGNAL POST, 10 FOOT, (SPECIAL)	EACH	2				2					
X	X8750516	TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	4				4					
X	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8				8					
X	X8770135	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT. (SPECIAL)	EACH	1				1					
X	X8770140	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT. (SPECIAL)	EACH	1				1					
X	X8770151	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT. (SPECIAL)	EACH	1				1					
X	X8772115	TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	10						10			
X	X8809005	LED SIGNAL FACE, LENS COVER	EACH	24				24					
X	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1				1					
X	X8950100	RELOCATE EXISTING MASTER CONTROLLER	EACH	1				1					
	XX001186	PLANTER REMOVAL	EACH	2									2
X	XX002063	LIGHTING SYSTEM COMPLETE	L SUM	1									1

PLAN: DATE | BY | SURVEYED | PLOTTED | ASSIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO.

PROFILE: DATE | BY | SURVEYED | PLOTTED | ASSIGNED CHECKED | S.M. NOTED | STRUCTURE NOTAT'NS CH'KD | NOTE BOOK | NO.

MODEL: $MODELNAME$
FILE NAME: ...\13681_sht_SOQ.dgn

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DATE -	7/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	22
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
	XX004688	BRICK PAVER SIDEWALK	SQ FT	502									502
	XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	0.5	0.5							
	XX007297	MASONRY COLUMN, LARGE	EACH	2									2
	XX007298	MASONRY COLUMN, SMALL	EACH	4									4
	XX007899	MASONRY WALL	FOOT	122									122
X	XX008910	PAVEMENT MARKING (SPECIAL)	SQ FT	2472									2472
	Z0003850	BENCHES	EACH	2									2
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5							
X	Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	8						8			
X	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1				1					
	Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	8		8							
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	169	111	58							
	Z0056611	STORM SEWER (WATER MAIN REQUIREMENTS) 16 INCH	FOOT	57			57						
	Z0062456	TEMPORARY PAVEMENT	SQ YD	393		393							
	Z0076600	TRAINEES	HOUR	500							500		
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500							500		

PLAN: DATE | BY | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO.

PROFILE: DATE | BY | SURVEYED | PLOTTED | GRADES CHECKED | S.M. NOTED | STRUCTURE NOTAT'NS CH'KD | NOTE BOOK | NO.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	23
		CONTRACT NO. 61K82		
		ILLINOIS		

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES								
					0004	0004	0004	0021	0021	0021	0042	0004	0031
					ROADWAY	ROADWAY	ROADWAY	SAFETY	SAFETY	SAFETY	TRAINEES	NON-PARTICIPATING	NON-PARTICIPATING
					EAST LAKE	WAUKEGAN	DETENTION	SIGNALS	SIGNALS	LIGHTING		WATERMAIN	DECORATIVE ITEMS
					80% FED / 20% LOCAL	80% FED / 20% STATE	80% FED / 10% STATE / 10% LOCAL	80% FED / 10% STATE / 10% LOCAL	80% FED / 20% LOCAL	80% FED / 20% LOCAL	80% FED / 10% STATE / 10% LOCAL	100% LOCAL	100% LOCAL
X	XX009749	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT. (SPECIAL)	EACH	1				1					
	35400350	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8-1/2"	SQ YD	440		440							
	35400515	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 11-1/2"	SQ YD	345	345								
X	X8162824	UNIT DUCT, 600V, 2-1C NO. 6, 3-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	6032						6032			
X	X5430310	CURED-IN-PLACE PIPE (CIPP), 10"	FOOT	590								590	
X	XX009750	DECORATIVE PANEL, TYPE 1	SQ FT	7.3									7.3
X	XX009751	DECORATIVE PANEL, TYPE 2	SQ FT	13.7									13.7

PLAN
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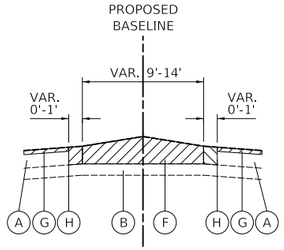
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

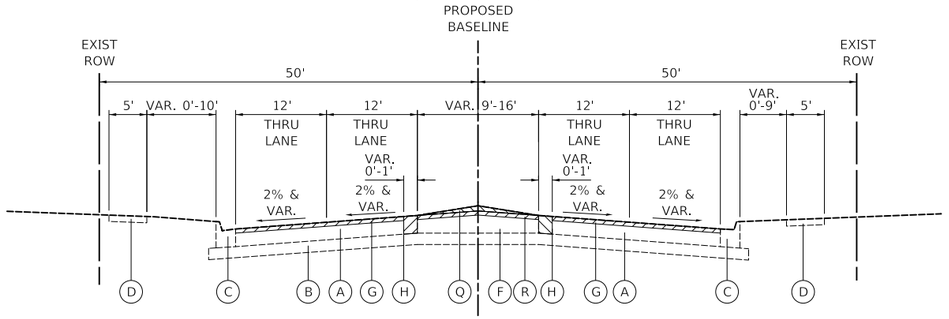
SUMMARY OF QUANTITIES

SHEET 19 OF 19 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	24
		CONTRACT NO. 61K82		
	ILLINOIS			

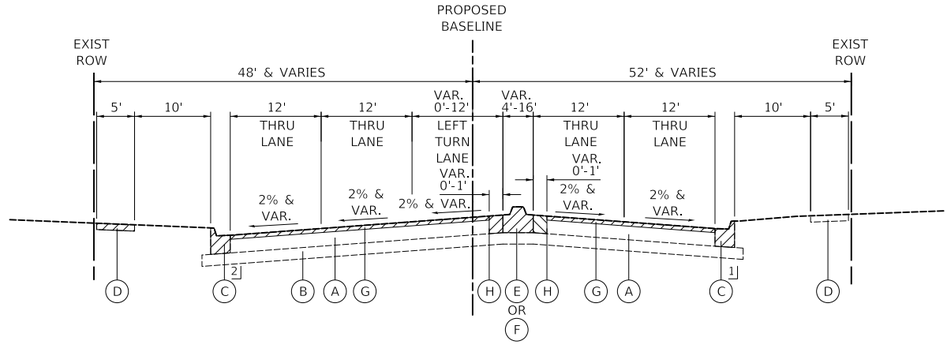


STA. 202+78 TO STA. 203+95



EXISTING TYPICAL SECTION

E LAKE AVENUE
STA. 200+23.1 TO STA. 204+54



EXISTING TYPICAL SECTION

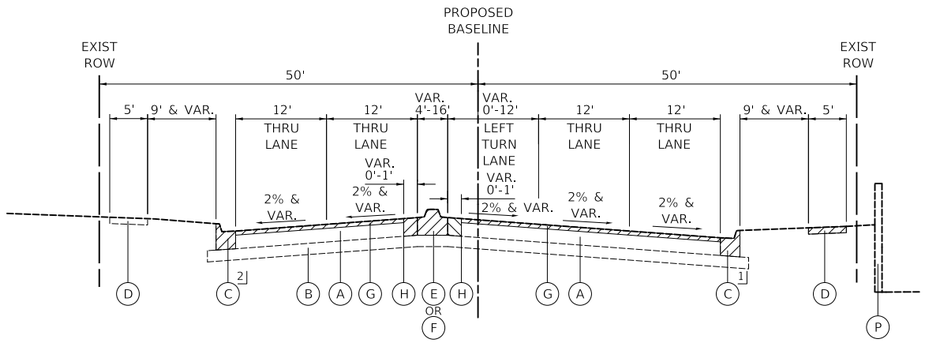
E LAKE AVENUE
STA. 209+68 TO STA. 214+80

1] REMOVAL FROM STA. 210+19 TO STA. 211+32
2] REMOVAL FROM STA. 210+19 TO STA. 213+66

LEGEND

- (A) EXISTING H.M.A. PAVEMENT (14" & VARIES)
- (B) EXISTING AGGREGATE BASE (9" & VARIES)
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER (REMOVAL PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL")
- (D) EXISTING P.C.C. SIDEWALK (REMOVAL PAID FOR AS "SIDEWALK REMOVAL")
- (E) EXISTING P.C.C. MEDIAN (REMOVAL PAID FOR AS "MEDIAN REMOVAL")
- (F) EXISTING P.C.C CORRUGATED MEDIAN (REMOVAL PAID FOR AS "MEDIAN REMOVAL")
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2½"
- (H) SAW CUT (FULL DEPTH)
- (I) EXISTING BUILDING
- (J) EXISTING PCC PAVEMENT (7½" & VARIES)
- (K) EXISTING PCC PAVEMENT (VARIES 8½" TO 11½")
- (L) EXISTING BRICK PAVERS
- (M) EXISTING H.M.A. PAVEMENT (5½" & VARIES)
- (N) EXISTING AGGREGATE BASE (4" & VARIES)
- (O) EXISTING H.M.A. SUBBASE (4")
- (P) EXISTING RETAINING WALL
- (Q) MEDIAN REMOVAL PARTIAL DEPTH (SEE CROSS SECTIONS FOR SLOPES)
- (R) PCC SURFACE REMOVAL 2½"
- (S) HMA SURFACE REMOVAL, VARIABLE DEPTH

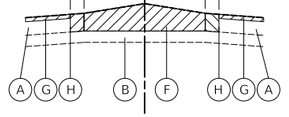
REMOVAL



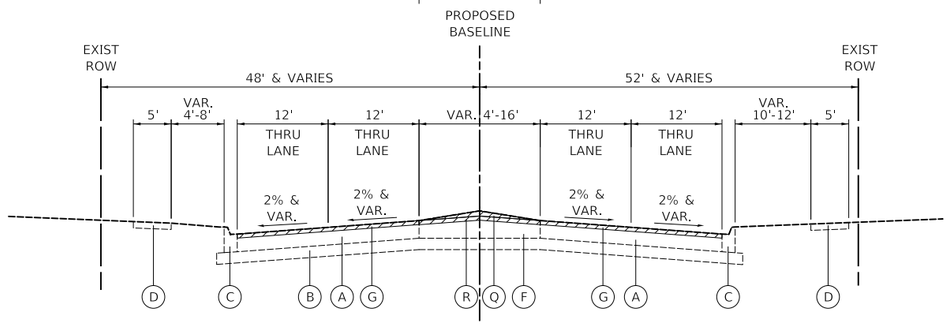
EXISTING TYPICAL SECTION

E LAKE AVENUE
STA. 204+54 TO STA. 209+68

1] REMOVAL FROM STA. 204+77 TO STA. 209+20
2] REMOVAL FROM STA. 208+41 TO STA. 209+20



STA. 214+80 TO STA. 215+50



EXISTING TYPICAL SECTION

E LAKE AVENUE
STA. 214+80 TO STA. 218+60

PLAN / PROFILE
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CADD FILE NAME
NOTE BOOK
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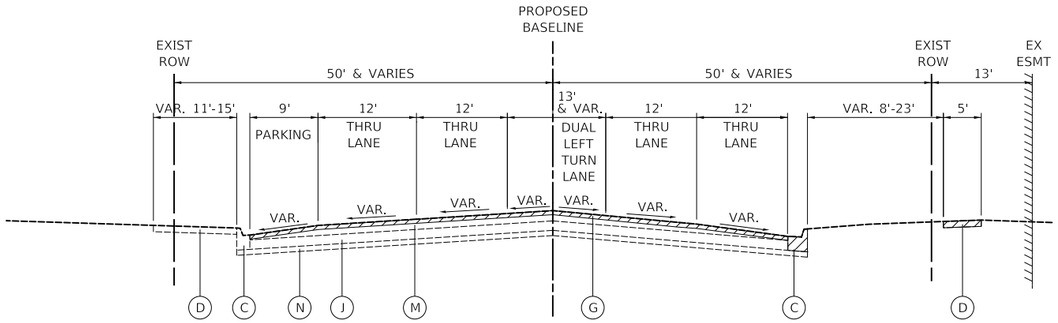
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

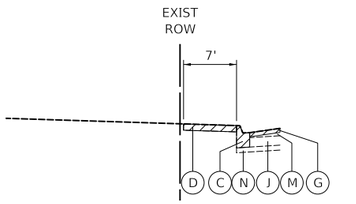
NOT TO SCALE | SHEET 1 OF 4 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	25
		CONTRACT NO. 61K82		
	ILLINOIS			

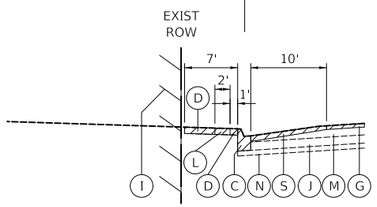


EXISTING TYPICAL SECTION

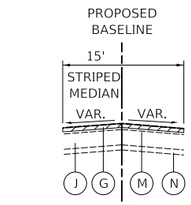
IL ROUTE 43 (WAUKEGAN ROAD)
STA. 105+10.4 TO STA. 106+56



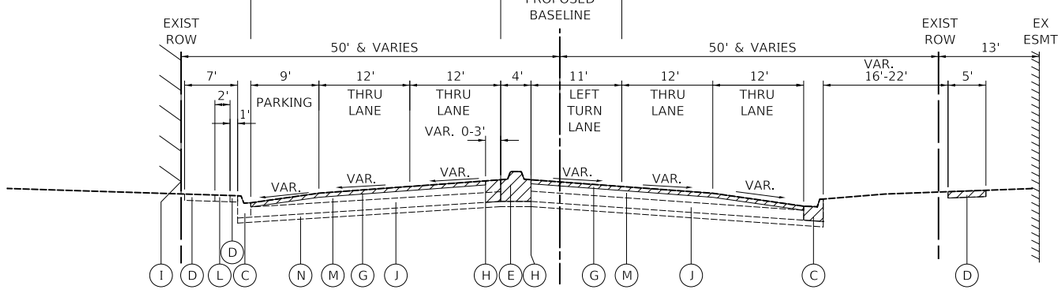
STA. 108+80 TO STA. 109+69



FROM STA. 106+66 TO STA. 108+52

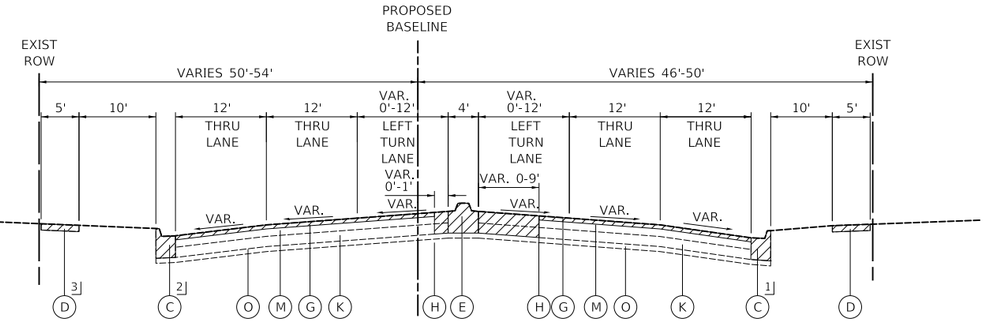


STA. 106+56 TO STA. 107+91



EXISTING TYPICAL SECTION

IL ROUTE 43 (WAUKEGAN ROAD)
STA. 106+56 TO STA. 110+20



EXISTING TYPICAL SECTION

IL ROUTE 43 (WAUKEGAN ROAD)
STA. 110+20 TO STA. 116+05

1] REMOVAL FROM STA. 110+74 TO STA. 111+47
2] REMOVAL FROM STA. 110+74 TO STA. 114+76
3] REMOVAL FROM STA. 110+74 TO STA. 113+70

LEGEND

- (A) EXISTING H.M.A. PAVEMENT (14" & VARIES)
- (B) EXISTING AGGREGATE BASE (9" & VARIES)
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER (REMOVAL PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL")
- (D) EXISTING P.C.C. SIDEWALK (REMOVAL PAID FOR AS "SIDEWALK REMOVAL")
- (E) EXISTING P.C.C. MEDIAN (REMOVAL PAID FOR AS "MEDIAN REMOVAL")
- (F) EXISTING P.C.C CORRUGATED MEDIAN (REMOVAL PAID FOR AS "MEDIAN REMOVAL")
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2½"
- (H) SAW CUT (FULL DEPTH)
- (I) EXISTING BUILDING
- (J) EXISTING PCC PAVEMENT (7½" & VARIES)
- (K) EXISTING PCC PAVEMENT (VARIES 8½" TO 11½")
- (L) EXISTING BRICK PAVERS
- (M) EXISTING H.M.A. PAVEMENT (5½" & VARIES)
- (N) EXISTING AGGREGATE BASE (4" & VARIES)
- (O) EXISTING H.M.A. PAVEMENT (4")
- (P) EXISTING RETAINING WALL
- (Q) MEDIAN REMOVAL PARTIAL DEPTH (SEE CROSS SECTIONS FOR SLOPES)
- (R) PCC SURFACE REMOVAL 2½"
- (S) HMA SURFACE REMOVAL, VARIABLE DEPTH

REMOVAL

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADE CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: sMODELNAME5
FILE NAME: ...\03-Typicals\3681_Typ

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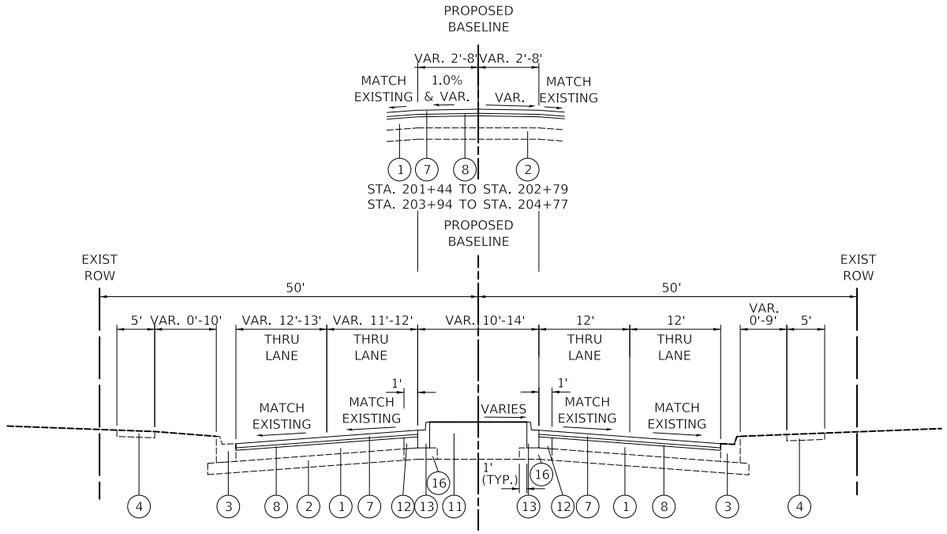
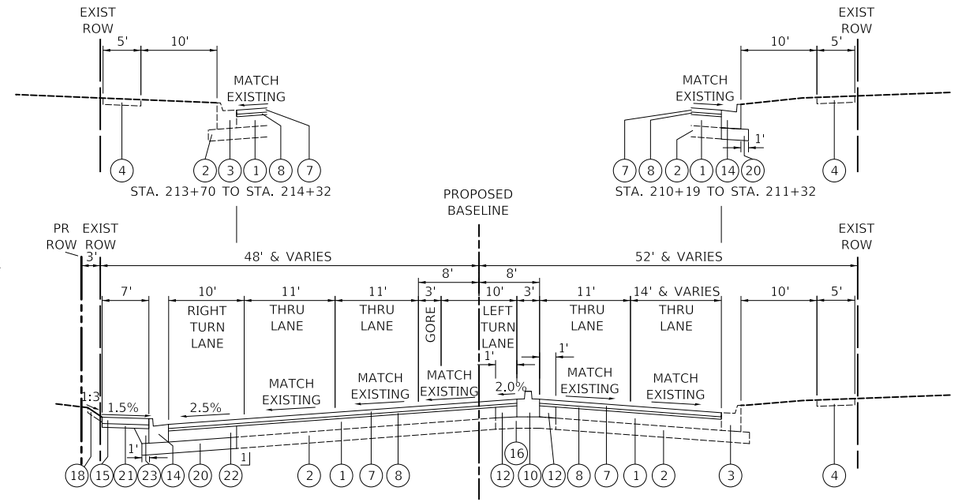
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

NOT TO SCALE | SHEET 2 OF 4 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	26
		CONTRACT NO. 61K82		
		ILLINOIS		





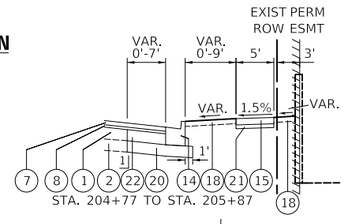
LEGEND

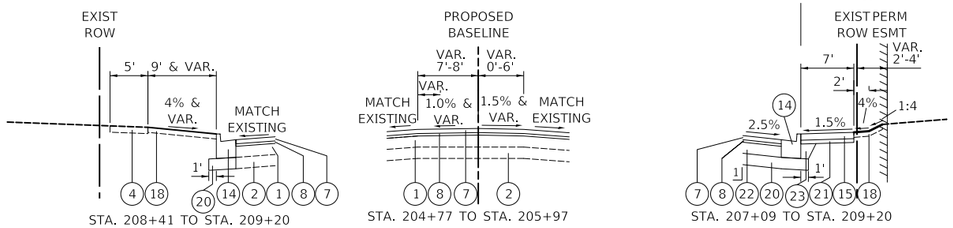
1. EXISTING H.M.A. PAVEMENT
2. EXISTING AGGREGATE BASE
3. EXISTING COMBINATION CONCRETE CURB AND GUTTER
4. EXISTING P.C.C. SIDEWALK
5. EXISTING P.C.C. MEDIAN
6. EXISTING P.C.C CORRUGATED MEDIAN
7. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
8. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-4.75, N50, ¾"
9. HOT-MIX ASPHALT BASE COURSE, 8½"
10. CONCRETE MEDIAN, TYPE SB-6.12 (GUTTERS PITCH TO PAVEMENT AT 2%) (BOTTOM OF MEDIAN SHALL MATCH BOTTOM OF ADJACENT BASE COURSE)
11. TOPSOIL FURNISH AND PLACE, 24"
12. PCC BASE COURSE WIDENING, 11½"
13. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (GUTTERS PITCH TO PAVEMENT AT 2%) (BOTTOM OF CURB AND GUTTER SHALL MATCH BOTTOM OF ADJACENT BASE COURSE)
14. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
15. PCC SIDEWALK 5 INCH
16. PREPARATION OF BASE AGGREGATE BASE REPAIR
17. PCC BASE COURSE WIDENING, 8½"
18. TOPSOIL FURNISH AND PLACE, 4"
19. EXISTING PCC PAVEMENT
20. AGGREGATE SUBGRADE IMPROVEMENT, 12"
21. SUBBASE GRANULAR MATERIAL, TYPE B 4"
22. HOT-MIX ASPHALT BASE COURSE, 11½"
23. SUBBASE GRANULAR MATERIAL, TYPE B (VARIES 8" - 11")
24. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
25. BRICK PAVER SIDEWALK (SEE DETAIL ON SHEET 171)
26. HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, DEPTH VARIES 1½"-2"
27. EXISTING BUILDING

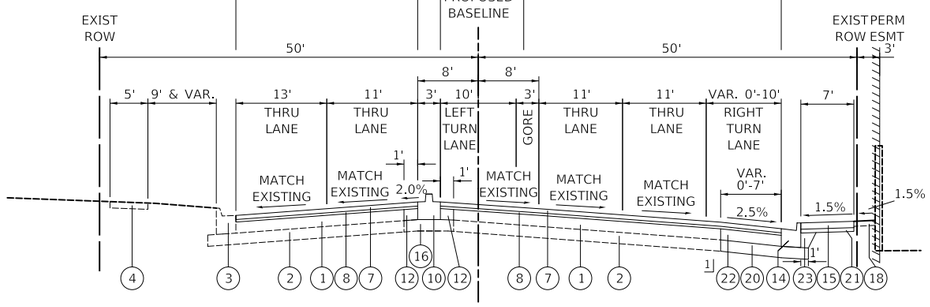
1J AT LOCATIONS WHERE PROPOSED WIDENING IS 6' OR LESS, CONSTRUCT (12) INSTEAD OF (22).

PROPOSED TYPICAL SECTION

E LAKE AVENUE
STA. 200+23.1 TO STA. 204+77





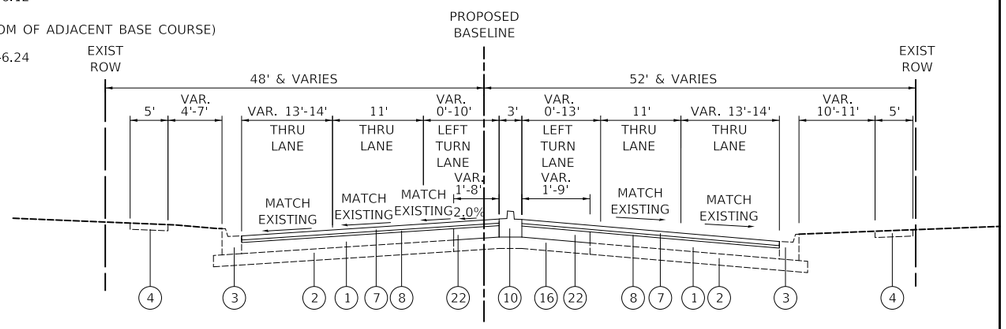


PROPOSED TYPICAL SECTION

E LAKE AVENUE
STA. 204+77 TO STA. 209+68

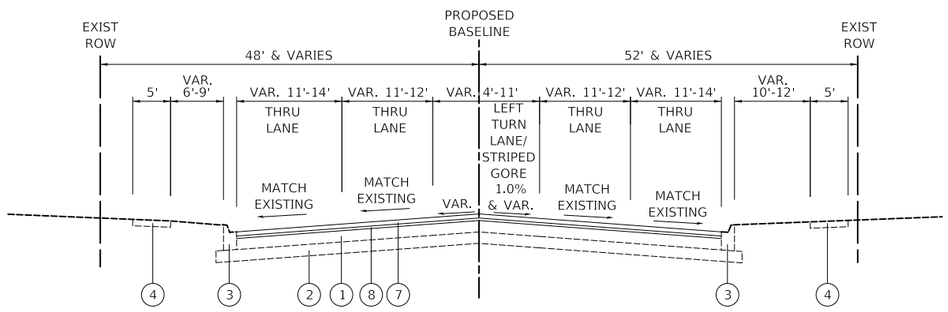
PROPOSED TYPICAL SECTION

E LAKE AVENUE
STA. 209+68 TO STA. 214+32



PROPOSED TYPICAL SECTION

E LAKE AVENUE
STA. 214+32 TO STA. 215+47



PROPOSED TYPICAL SECTION

E LAKE AVENUE
STA. 215+47 TO STA. 218+60

PLAN / PROFILE
SURVEYED
PLOTTED
DESIGN CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
B.M. NOTED
STRUCTURE NO.
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

MODEL: SMODELNAME$
FILE NAME: ...\03-Typicals\3681_Typ

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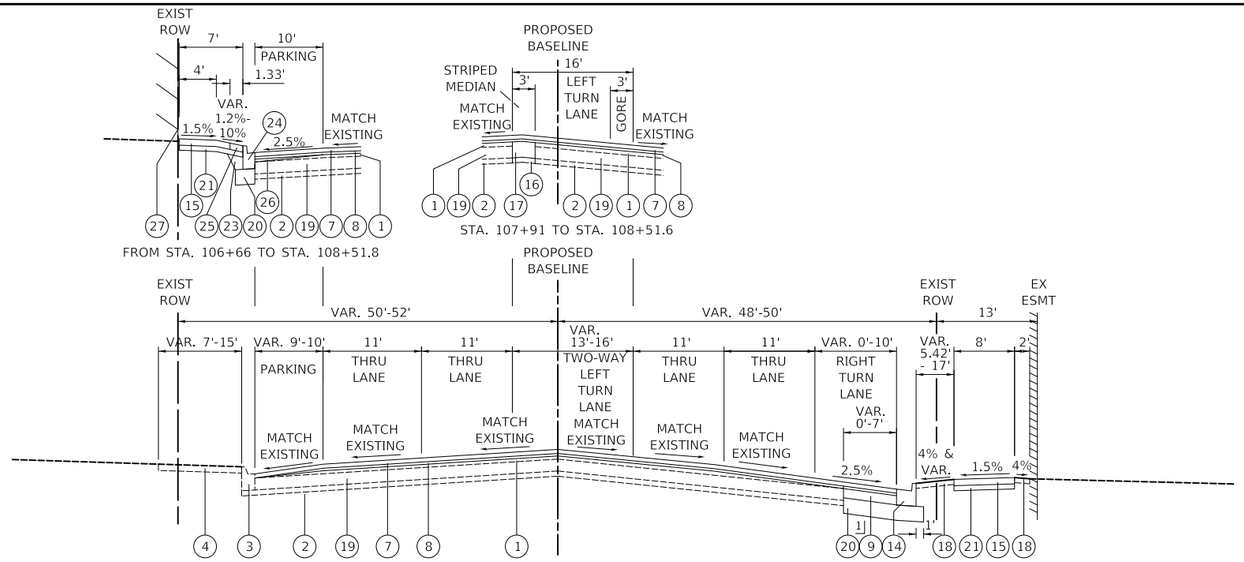
DRAWN - JFG		REVISED -
CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

NOT TO SCALE | SHEET 3 OF 4 SHEETS

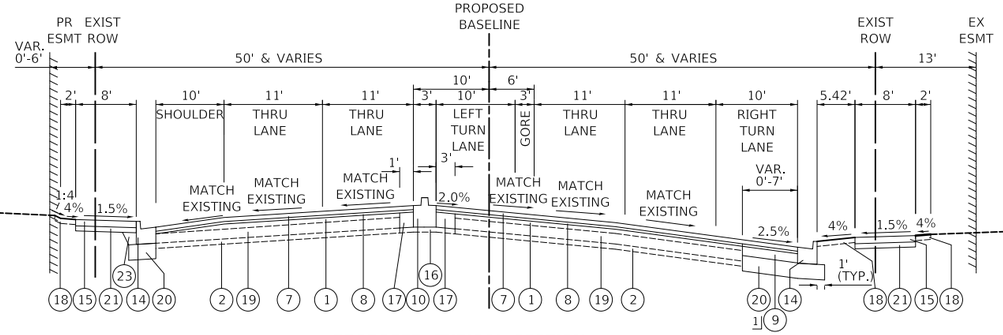
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	27
		CONTRACT NO. 61K82		
		ILLINOIS		



PROPOSED TYPICAL SECTION

IL ROUTE 43 (WAUKEGAN ROAD)
STA. 105+10.4 TO STA. 108+51.8

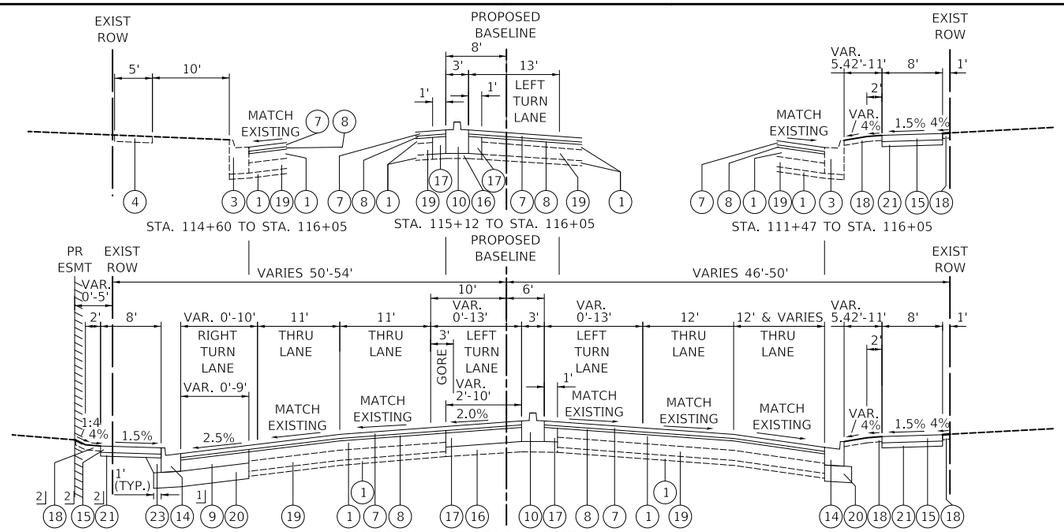
1] AT LOCATIONS WHERE PROPOSED WIDENING IS 6' OR LESS, USE (17) INSTEAD OF (9).



PROPOSED TYPICAL SECTION

IL ROUTE 43 (WAUKEGAN ROAD)
STA. 108+51.8 TO 110+21

1] AT LOCATIONS WHERE PROPOSED WIDENING IS 6' OR LESS, CONSTRUCT (17) INSTEAD OF (9).



PROPOSED TYPICAL SECTION

IL ROUTE 43 (WAUKEGAN ROAD)
STA. 110+21 TO STA. 116+05

1] AT LOCATIONS WHERE PROPOSED WIDENING IS 6' OR LESS, USE (17) INSTEAD OF (9).
2] FROM STA. 110+21 TO STA. 113+69

HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PROPOSED RESURFACING		
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"	3.5% @ 80 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾"	3.5% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, DEPTH VARIES 1½"-2" (AT LOCATIONS DIRECTED BY THE ENGINEER)	4% @ 70 GYR.	LR 1030-2
PROPOSED WIDENING (E LAKE AVENUE)		
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"	3.5% @ 80 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾"	3.5% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 11½"	4% @ 90 GYR.	LR 1030-2
PROPOSED WIDENING (WAUKEGAN ROAD)		
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"	3.5% @ 80 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾"	3.5% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 8½"	4% @ 90 GYR.	LR 1030-2
PROPOSED DRIVEWAY		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1¾"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2¼"	4% @ 50 GYR.	LR 1030-2
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 2"	4% @ 70 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70, 12"	4% @ 70 GYR.	LR 1030-2
TEMPORARY RAMP (SPECIAL)		
TEMPORARY RAMP (SPECIAL) (HMA SURFACE COURSE, IL-9.5, MIX "D", N50)	4% @ 50 GYR.	LR 1030-2
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm); 12"	4% @ 70 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY-IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
3. THE LONGITUDINAL JOINT SEALANT SHALL BE APPLIED ON THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50.
4. THE CONTRACTOR SHALL MILL THE PAVEMENT BEFORE PATCHING.
5. PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 14" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

LEGEND

1. EXISTING H.M.A. PAVEMENT
2. EXISTING AGGREGATE BASE
3. EXISTING COMBINATION CONCRETE CURB AND GUTTER
4. EXISTING P.C.C. SIDEWALK
5. EXISTING P.C.C. MEDIAN
6. EXISTING P.C.C CORRUGATED MEDIAN
7. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
8. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-4.75, N50, ¾"
9. HOT-MIX ASPHALT BASE COURSE, 8½"
10. CONCRETE MEDIAN, TYPE SB-6.12 (GUTTERS PITCH TO PAVEMENT AT 2%) (BOTTOM OF MEDIAN SHALL MATCH BOTTOM OF ADJACENT BASE COURSE)
11. TOPSOIL FURNISH AND PLACE, 24"
12. PCC BASE COURSE WIDENING, 11½"
13. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (GUTTERS PITCH TO PAVEMENT AT 2%) (BOTTOM OF CURB AND GUTTER SHALL MATCH BOTTOM OF ADJACENT BASE COURSE)
14. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
15. PCC SIDEWALK 5 INCH
16. PREPARATION OF BASE AGGREGATE BASE REPAIR
17. PCC BASE COURSE WIDENING, 8½"
18. TOPSOIL FURNISH AND PLACE, 4"
19. EXISTING PCC PAVEMENT
20. AGGREGATE SUBGRADE IMPROVEMENT, 12"
21. SUBBASE GRANULAR MATERIAL, TYPE B 4"
22. HOT-MIX ASPHALT BASE COURSE, 11½"
23. SUBBASE GRANULAR MATERIAL, TYPE B (VARIES 8" - 11")
24. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
25. BRICK PAVER SIDEWALK (SEE DETAIL ON SHEET 171)
26. HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, DEPTH VARIES 1½"-2"
27. EXISTING BUILDING

PLAN / PROFILE — SURVEYED, PLOTTED, CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., B.M. NOTED, STRUCTURE NOTATNS CHKD, DATE, BY

MODEL: SMODELNAMES
FILE NAME: ...\03-Typicals\3681_Typ

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

NOT TO SCALE | SHEET 4 OF 4 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	28
		CONTRACT NO. 61K82		
	ILLINOIS			

SCHEDULE OF TREE REMOVALS

				TOTAL UNDER 6" DIAMETER (INCLUDED IN CLEARING)	TOTAL 6" TO 15" DIAMETER (20100110)	TOTAL OVER 15" DIAMETER (20100210)
SHEET NO.	STREET	STATION	OFFSET	UNIT	UNIT	UNIT
35	E LAKE AVENUE	205+25	40' RT		13	
		205+64	40' RT		10	
		206+06	41' RT	3		
		206+47	41' RT			20
		105+82	39' RT		8	
36	E LAKE AVENUE	207+31	40' RT	5		
		207+72	42' RT		15	
		207+95	40' RT		8	
		208+25	42' RT			21
		208+88	48' RT			26
		211+30	41' LT	3		
		211+59	39' LT	5		
		211+88	41' LT			21
	WAUKEGAN ROAD	109+26	55' LT			25
37	E LAKE AVENUE	212+88	37' LT	3		
				3		
				3		
				3		
				3		
		213+35	38' LT	3		
				3		
				3		
				3		
				3		
39	WAUKEGAN ROAD	107+07	42' RT	2		
		107+46	45' RT		7	
		107+98	43' RT			16
		107+99	45' LT		13	
		108+35	42' RT			18
		108+88	44' RT			16
		109+13	67' RT		10	
40	WAUKEGAN ROAD	111+30	41' RT			23
		111+72	44' LT			21
		112+09	40' RT			17
		112+23	43' LT		10	
		114+02	42' LT	3		
		114+47	41' LT	3		
			PROJECT TOTAL:	63	94	224

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NO'S CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681-Tree Removal Schedules.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF TREE REMOVAL

SHEET 1 OF 1 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	29
		CONTRACT NO. 61K82		
		ILLINOIS		

SCHEDULE OF EARTHWORK							
E LAKE AVENUE							
STATION	DISTANCE	CUT	TOPSOIL STRIPPING	EMBANKMENT REQUIRED	CUT	CUT - UNSUITABLE MATERIAL	EMBANKMENT REQUIRED
(XX+XX)	(FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
200+23.06		0.0	0.0	0.0			
	27				0.0	0.0	0.0
200+50.		0.0	0.0	0.0			
	50				0.0	0.0	0.0
201+00.		0.0	0.0	0.0			
	50				0.0	0.0	0.0
201+50.		0.0	0.0	0.0			
	50				0.0	0.0	0.0
202+00.		0.0	0.0	0.0			
	50				0.0	0.0	0.0
202+50.		0.0	0.0	0.0			
	50				4.1	0.0	0.0
203+00.		4.4	0.0	0.0			
	50				9.3	0.0	0.1
203+50.		5.6	0.0	0.0			
	50				11.1	12.9	10.4
204+00.		6.4	14.0	11.2			
	50				5.9	12.9	10.4
204+50.		0.0	0.0	0.0			
	50				8.2	16.5	11.1
205+00.		8.8	17.8	12.0			
	50				20.8	33.0	20.0
205+50.		13.7	17.8	9.5			
	50				29.0	31.6	12.7
206+00.		17.7	16.4	4.2			
	50				33.2	31.8	10.0
206+50.		18.2	18.0	6.6			
	50				35.9	33.1	9.7
207+00.		20.6	17.7	3.9			
	50				41.7	36.2	10.5
207+50.		24.5	21.3	7.5			
	50				43.6	36.9	11.0
208+00.		22.6	18.5	4.4			
	50				46.3	44.1	16.2
208+50.		27.3	29.1	13.1			
	50				51.6	42.1	15.0
209+00.		28.4	16.4	3.0			
	50				26.3	15.2	2.8
209+50.		0.0	0.0	0.0			
	50				0.0	0.0	0.0
210+00.		0.0	0.0	0.0			
	50				33.5	26.0	13.3
210+50.		36.2	28.1	14.3			
	50				71.8	46.1	19.3
211+00.		41.3	21.7	6.6			
	50				64.8	33.2	8.2
211+50.		28.7	14.1	2.3			
	50				47.4	26.1	4.7
212+00.		22.4	14.1	2.7			
	50				50.1	13.0	3.5
212+50.		31.7	0.0	1.1			
	50				43.4	20.9	12.2
213+00.		15.2	22.5	12.1			
	50				28.2	38.5	20.9
213+50.		15.3	19.1	10.5			
	50				22.4	17.7	10.6
214+00.		8.9	0.0	0.9			
	50				9.3	0.0	0.9

SCHEDULE OF EARTHWORK							
E LAKE AVENUE							
STATION	DISTANCE	CUT	TOPSOIL STRIPPING	EMBANKMENT REQUIRED	CUT	CUT - UNSUITABLE MATERIAL	EMBANKMENT REQUIRED
(XX+XX)	(FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
214+50.		1.2	0.0	0.0			
	50				12.3	0.0	1.2
215+00.		12.1	0.0	1.3			
	50				11.2	0.0	1.2
215+50.		0.0	0.0	0.0			
	50				0.0	0.0	0.0
216+00.		0.0	0.0	0.0			
	50				0.0	0.0	0.0
216+50.		0.0	0.0	0.0			
	50				17.5	0.0	1.2
217+00.		18.9	0.0	1.3			
	50				19.3	4.1	4.0
217+50.		2.0	4.4	3.0			
	50				1.8	4.1	2.8
218+00.		0.0	0.0	0.0			
	50				0.0	0.0	0.0
218+50.		0.0	0.0	0.0			
	10				0.0	0.0	0.0
218+60.		0.0	0.0	0.0			
				E LAKE AVENUE	800.0	576.1	243.9

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
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PROFILE
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GRADES CHECKED
B.M. NOTED
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FILE NAME: ...\3681-Earthwork Schedules.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF EARTHWORK

SHEET 1 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	30
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
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DATE	

PROFILE	
NOTE BOOK	
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SURVEYED	
PLOTTED	
GRADES CHECKED	
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STRUCTURE NOTATNS CHKD	
BY	
DATE	

SCHEDULE OF EARTHWORK

WAUKEGAN ROAD

STATION	DISTANCE	CUT	TOPSOIL STRIPPING	UNDERCUTS	EMBANKMENT REQUIRED	CUT	TOPSOIL STRIPPING	UNDERCUTS	EMBANKMENT REQUIRED
(XX+XX)	(FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
104+51.		3.7	3.3	0.0	0.0				
	49					4.2	7.5	0.0	0.8
105+00.		0.9	5.1	0.0	0.9				
	50					9.2	10.9	0.0	4.9
105+50.		9.0	6.7	0.0	4.4				
	50					25.9	12.6	0.0	11.2
106+00.		19.0	6.9	0.0	7.8				
	50					39.2	12.6	0.0	14.5
106+50.		23.4	6.7	0.0	7.9				
	50					50.2	11.0	0.0	12.1
107+00.		30.9	5.1	0.0	5.2				
	50					59.7	9.7	0.0	9.5
107+50.		33.6	5.3	0.0	5.0				
	50					59.5	9.8	0.0	9.8
108+00.		30.7	5.3	0.0	5.6				
	50					48.7	11.3	0.0	12.6
108+50.		21.9	6.9	0.0	8.0				
	50					53.0	14.2	0.0	12.3
109+00.		35.3	8.4	0.0	5.2				
	50					69.8	15.8	0.0	6.5
109+50.		40.1	8.7	0.0	1.8				
	50					37.2	8.0	0.0	1.7
110+00.		0.0	0.0	0.0	0.0				
	50					0.0	0.0	0.0	0.0
110+50.		0.0	0.0	0.0	0.0				
	50					46.2	7.6	3.7	4.4
111+00.		49.9	8.2	4.0	4.7				
	50					75.1	17.5	9.4	7.0
111+50.		31.1	10.7	6.1	2.9				
	50					58.8	20.4	11.3	5.2
112+00.		32.3	11.2	6.1	2.8				
	50					70.1	16.0	11.0	4.8
112+50.		43.3	6.0	5.8	2.4				
	50					64.2	9.8	10.7	3.9
113+00.		26.0	4.5	5.8	1.8				
	50					46.1	12.2	10.5	3.5
113+50.		23.8	8.6	5.6	2.0				
	50					38.4	15.0	9.2	6.8
114+00.		17.6	7.6	4.3	5.4				
	50					32.8	12.3	6.0	12.7
114+50.		17.8	5.7	2.2	8.3				
	50					19.2	9.3	2.0	8.1
115+00.		2.9	4.3	0.0	0.5				
	50					3.6	8.0	0.0	1.6
115+50.		1.0	4.3	0.0	1.3				
	50					7.6	6.5	0.0	3.3
116+00.		7.2	2.6	0.0	2.3				
	5					1.0	0.3	0.0	0.3
116+05.		4.2	0.8	0.0	0.6				
					WAUKEGAN ROAD	919.8	258.3	73.9	157.7

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-Earthwork Schedules.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF EARTHWORK

SHEET 2 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	31
		CONTRACT NO. 61K82		
	ILLINOIS			

	EARTHWORK SUMMARY	E LAKE	WAUKEGAN
LINE		CY	CY
1	TOPSOIL STRIPPING (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)	576	258
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (UNDERCUTS)	0	74
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CONTINGENCY)	20	18
3	TOTAL REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SUM OF LINES 1, 2, AND 3)	596	350
4	TOTAL EARTH EXCAVATION	800	920
5	EARTH EXCAVATION AVAILABLE FOR EMBANKMENT (0.85 TIMES LINE 4)	680	782
6	EMBANKMENT REQUIRED	244	158
7	FURNISHED EXCAVATION (LINE 6 MINUS LINE 5)	-436	-624

PLAN
NOTE BOOK
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SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
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MODEL: SMODELNAMES
FILE NAME: ...\3681-Earthwork Schedules.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF EARTHWORK

SHEET 3 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	32
		CONTRACT NO. 61K82		
		ILLINOIS		

E LAKE AVENUE ALIGNMENT DATA

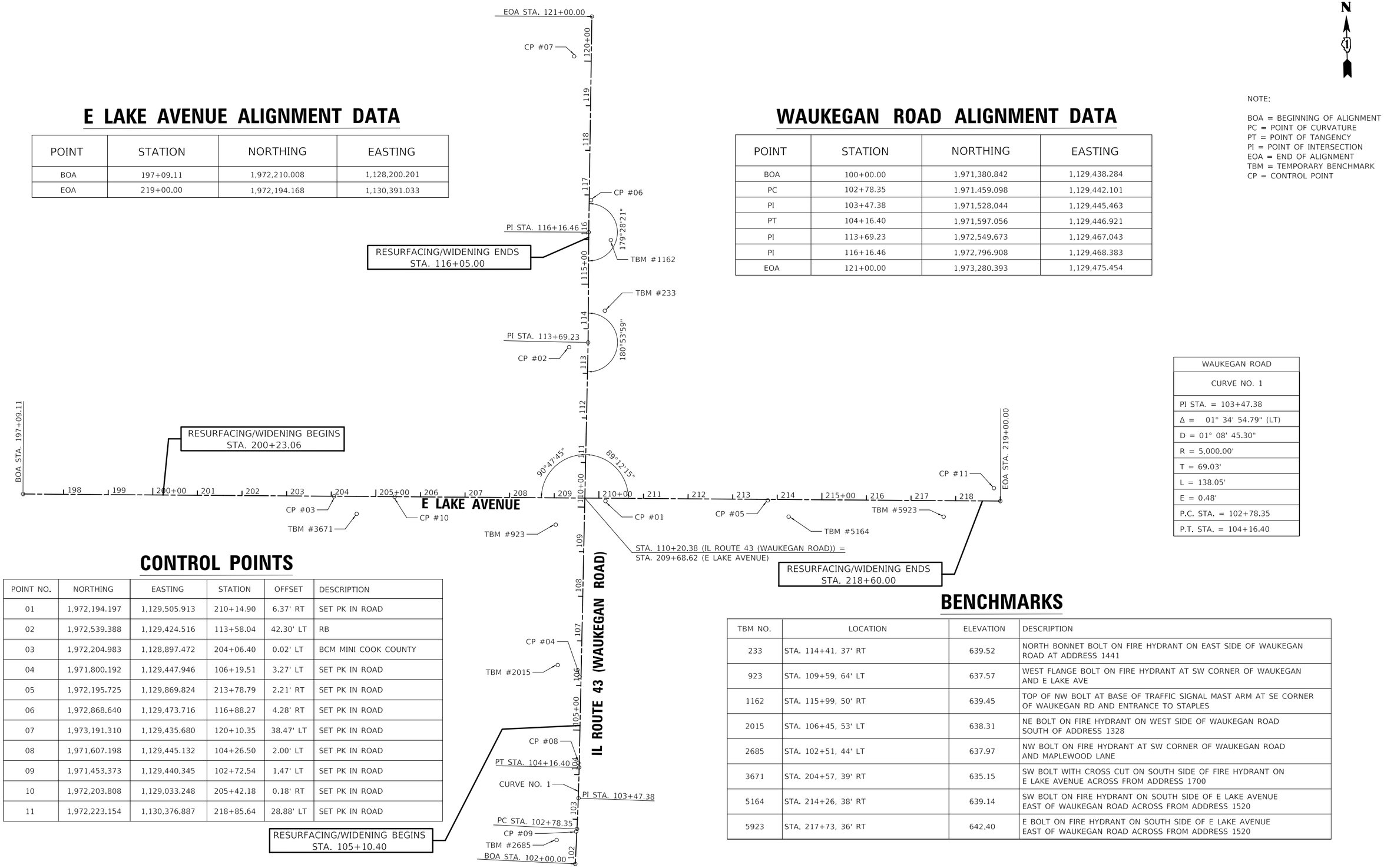
POINT	STATION	NORTHING	EASTING
BOA	197+09.11	1,972,210.008	1,128,200.201
EOA	219+00.00	1,972,194.168	1,130,391.033

WAUKEGAN ROAD ALIGNMENT DATA

POINT	STATION	NORTHING	EASTING
BOA	100+00.00	1,971,380.842	1,129,438.284
PC	102+78.35	1.971.459.098	1,129,442.101
PI	103+47.38	1,971,528.044	1,129,445.463
PT	104+16.40	1,971,597.056	1,129,446.921
PI	113+69.23	1,972,549.673	1,129,467.043
PI	116+16.46	1,972,796.908	1,129,468.383
EOA	121+00.00	1,973,280.393	1,129,475.454

NOTE:

BOA = BEGINNING OF ALIGNMENT
PC = POINT OF CURVATURE
PT = POINT OF TANGENCY
PI = POINT OF INTERSECTION
EOA = END OF ALIGNMENT
TBM = TEMPORARY BENCHMARK
CP = CONTROL POINT



WAUKEGAN ROAD
CURVE NO. 1
PI STA. = 103+47.38
Δ = 01° 34' 54.79" (LT)
D = 01° 08' 45.30"
R = 5,000.00'
T = 69.03'
L = 138.05'
E = 0.48'
P.C. STA. = 102+78.35
P.T. STA. = 104+16.40

CONTROL POINTS

POINT NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
01	1,972,194.197	1,129,505.913	210+14.90	6.37' RT	SET PK IN ROAD
02	1,972,539.388	1,129,424.516	113+58.04	42.30' LT	RB
03	1,972,204.983	1,128,897.472	204+06.40	0.02' LT	BCM MINI COOK COUNTY
04	1,971,800.192	1,129,447.946	106+19.51	3.27' LT	SET PK IN ROAD
05	1,972,195.725	1,129,869.824	213+78.79	2.21' RT	SET PK IN ROAD
06	1,972,868.640	1,129,473.716	116+88.27	4.28' RT	SET PK IN ROAD
07	1,973,191.310	1,129,435.680	120+10.35	38.47' LT	SET PK IN ROAD
08	1,971,607.198	1,129,445.132	104+26.50	2.00' LT	SET PK IN ROAD
09	1,971,453.373	1,129,440.345	102+72.54	1.47' LT	SET PK IN ROAD
10	1,972,203.808	1,129,033.248	205+42.18	0.18' RT	SET PK IN ROAD
11	1,972,223.154	1,130,376.887	218+85.64	28.88' LT	SET PK IN ROAD

BENCHMARKS

TBM NO.	LOCATION	ELEVATION	DESCRIPTION
233	STA. 114+41, 37' RT	639.52	NORTH BONNET BOLT ON FIRE HYDRANT ON EAST SIDE OF WAUKEGAN ROAD AT ADDRESS 1441
923	STA. 109+59, 64' LT	637.57	WEST FLANGE BOLT ON FIRE HYDRANT AT SW CORNER OF WAUKEGAN AND E LAKE AVE
1162	STA. 115+99, 50' RT	639.45	TOP OF NW BOLT AT BASE OF TRAFFIC SIGNAL MAST ARM AT SE CORNER OF WAUKEGAN RD AND ENTRANCE TO STAPLES
2015	STA. 106+45, 53' LT	638.31	NE BOLT ON FIRE HYDRANT ON WEST SIDE OF WAUKEGAN ROAD SOUTH OF ADDRESS 1328
2685	STA. 102+51, 44' LT	637.97	NW BOLT ON FIRE HYDRANT AT SW CORNER OF WAUKEGAN ROAD AND MAPLEWOOD LANE
3671	STA. 204+57, 39' RT	635.15	SW BOLT WITH CROSS CUT ON SOUTH SIDE OF FIRE HYDRANT ON E LAKE AVENUE ACROSS FROM ADDRESS 1700
5164	STA. 214+26, 38' RT	639.14	SW BOLT ON FIRE HYDRANT ON SOUTH SIDE OF E LAKE AVENUE EAST OF WAUKEGAN ROAD ACROSS FROM ADDRESS 1520
5923	STA. 217+73, 36' RT	642.40	E BOLT ON FIRE HYDRANT ON SOUTH SIDE OF E LAKE AVENUE EAST OF WAUKEGAN ROAD ACROSS FROM ADDRESS 1520

PLAN: DATE, BY, SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.

PROFILE: DATE, BY, SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO.

MODEL: SMODELNAMES
FILE NAME: ...\3681-ATB

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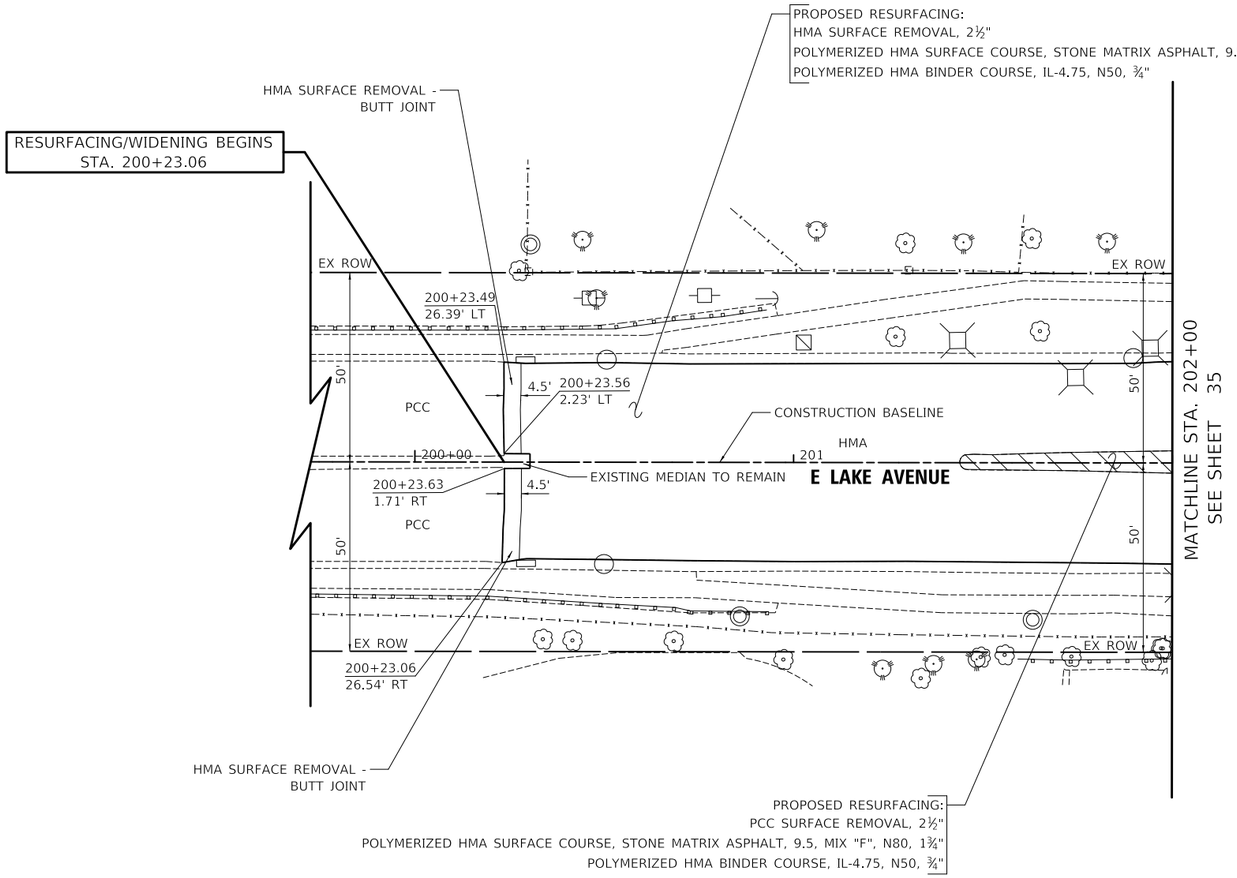
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 100 200

ALIGNMENT TIES AND BENCHMARKS

SHEET 1 OF 1 SHEETS STA. 197+09.11 TO STA. 219+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	33
		CONTRACT NO. 61K82		
	ILLINOIS			



N

NOTES:

1) QUANTITIES HAVE BEEN INCLUDED FOR "PCC BASE COURSE WIDENING" IN AREAS WHERE PAVEMENT WIDENING IS LESS THAN 6' IN WIDTH.

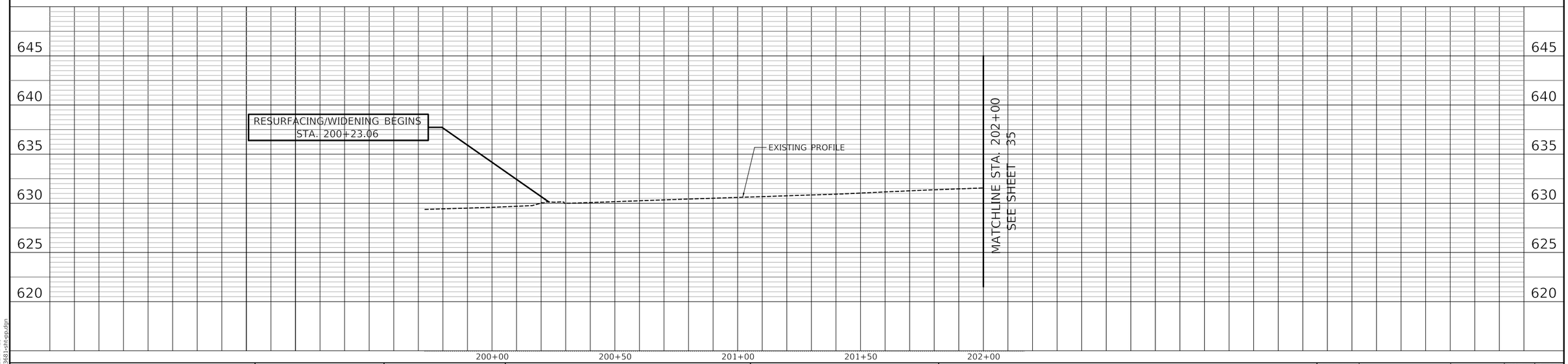
2) QUANTITIES HAVE BEEN INCLUDED FOR "MEDIAN REMOVAL PARTIAL DEPTH" FOR ALL CORRUGATED MEDIANS ON E LAKE AVENUE TO REMOVE CORRUGATIONS. THIS WORK SHALL BE PERFORMED DURING STAGE 1 AND IS A SEPARATE OPERATION FROM "PCC SURFACE REMOVAL, 2½".

3) A QUANTITY OF "HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70" HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER WHEN EDGE OF PAVEMENT GRADES ARE SHOWN TO BE RAISED ON THE ADA GRADING PLANS.

LEGEND

- COMBINATION CURB AND GUTTER REMOVAL
- DRIVEWAY, MEDIAN, OR SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CLASS D PATCH, 12" (APPROXIMATE LOCATIONS SHOWN. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER)
- PCC SURFACE REMOVAL, 2½"

E LAKE AVENUE



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PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

PLAN AND PROFILE

SHEET 1 OF 7 SHEETS STA. 200+23.06 TO STA. 202+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	34
		CONTRACT NO. 61K82		
		ILLINOIS		

PROPOSED CONCRETE MEDIAN, TYPE SB-6.12 (RAMP MEDIAN NOSE PER IDOT HIGHWAY STANDARD 606301)

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

PROPOSED CONCRETE MEDIAN, TYPE SB-6.12 (RAMP MEDIAN NOSE PER IDOT HIGHWAY STANDARD 606301)

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

PROPOSED RESURFACING:
PCC SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

PROPOSED RESURFACING:
HMA SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

MATCHLINE STA. 202+00 SEE SHEET 34

MATCHLINE STA. 207+00 SEE SHEET 36

EX ROW

PCC

HMA

7"

10"

9"

9"

9"

2@4",6"

3"

6"

RAMP MEDIAN NOSE PER IDOT HIGHWAY STANDARD 606301 (TYP)

CONSTRUCTION BASELINE

202+83.80
4.73' LT

203+64.36
6.47' LT

203+92.01
0.39' LT

+98.1
8.0' LT

1.5' R

5' R

60' R

202

203

204

205+00

206

E LAKE AVENUE

202+83.80
4.68' RT

203+72.41
6.98' RT

3' R

203+90.96
5.30' RT

+98.1
5.0' LT

LANDSCAPED MEDIAN

+03.7
41.5' RT

+77.4
32.0' RT

+87.4
40.0' RT

SHRUBS TO BE REMOVED

110' TAPER

18"

13"

10"

3"

20"

8"

8" 13"

2@8"

2@8", 18"

20",2@15",8"

20",12",10"

15"

8"

PERM ESMT

EX ROW

PROPOSED CONCRETE MEDIAN, TYPE SB-6.12

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"
SEE SHEET 88 FOR MATERIAL LIMITS

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"

PROPOSED WIDENING:
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
HMA BASE COURSE, 11½"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

+03.3
45.6' RT

PROPOSED RESURFACING:
HMA SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

PROPOSED RESURFACING:
PCC SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

LEGEND

- COMBINATION CURB AND GUTTER REMOVAL
- DRIVEWAY, MEDIAN, OR SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CLASS D PATCH, 12" (APPROXIMATE LOCATIONS SHOWN. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER)
- PCC SURFACE REMOVAL, 2½"

N

PLAN
SURVEYED
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CHANGES CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHANGES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

645
640
635
630
625
620

EXISTING PROFILE

MATCHLINE STA. 202+00 SEE SHEET 34

MATCHLINE STA. 207+00 SEE SHEET 36

E LAKE AVENUE

202+00 202+50 203+00 203+50 204+00 204+50 205+00 205+50 206+00 206+50 207+00

MODEL: SMODELNAMES
FILE NAME: ...13681-sht-pp.dgn

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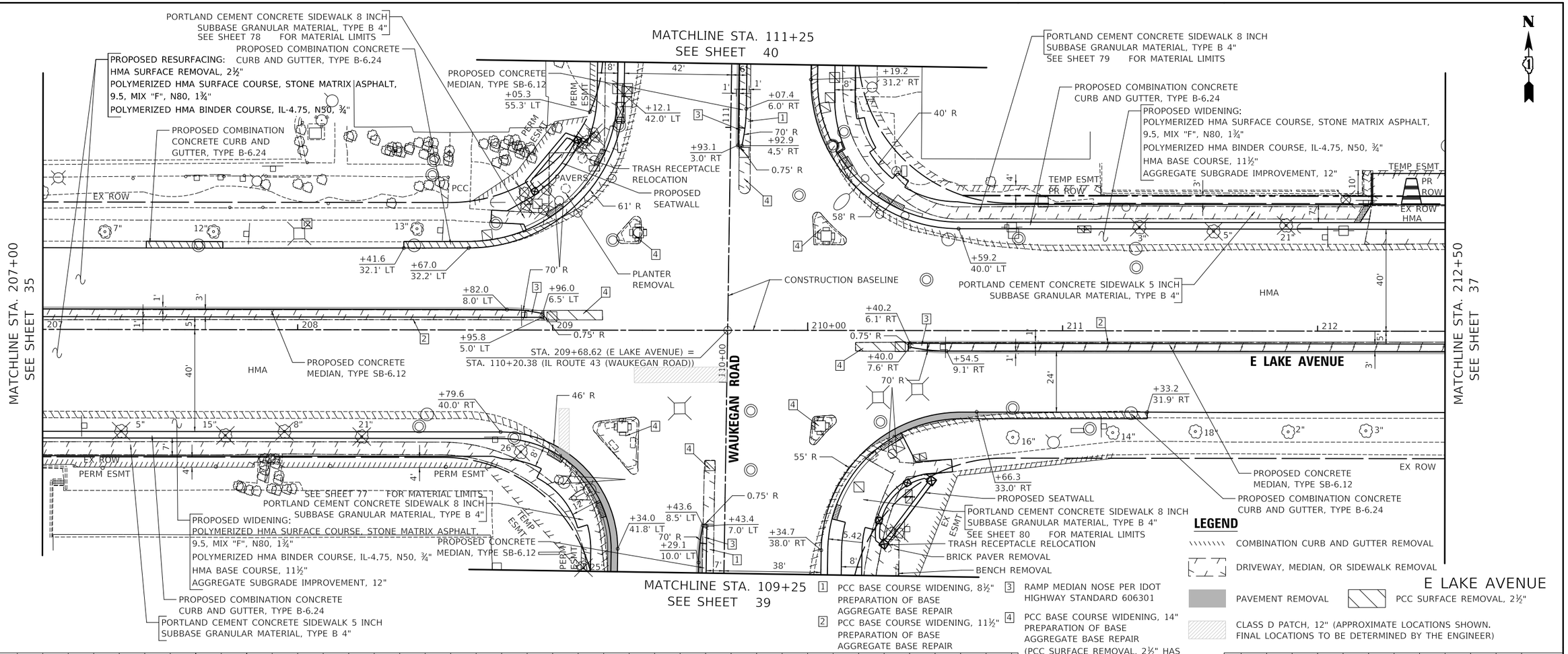
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

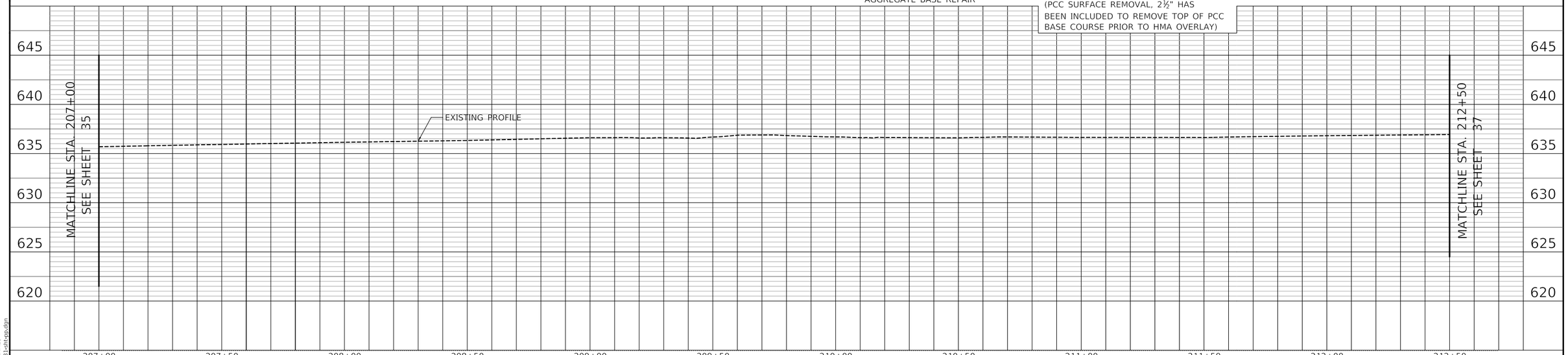
SCALES
VERT. 0 5 10
HORIZ. 0 20 40

PLAN AND PROFILE

SHEET 2 OF 7 SHEETS STA. 202+00.00 TO STA. 207+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	35
		CONTRACT NO. 61K82		
		ILLINOIS		





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FILE NAME: ...\3681sht-pp.dgn

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DATE - 7/13/2026	REVISED -	

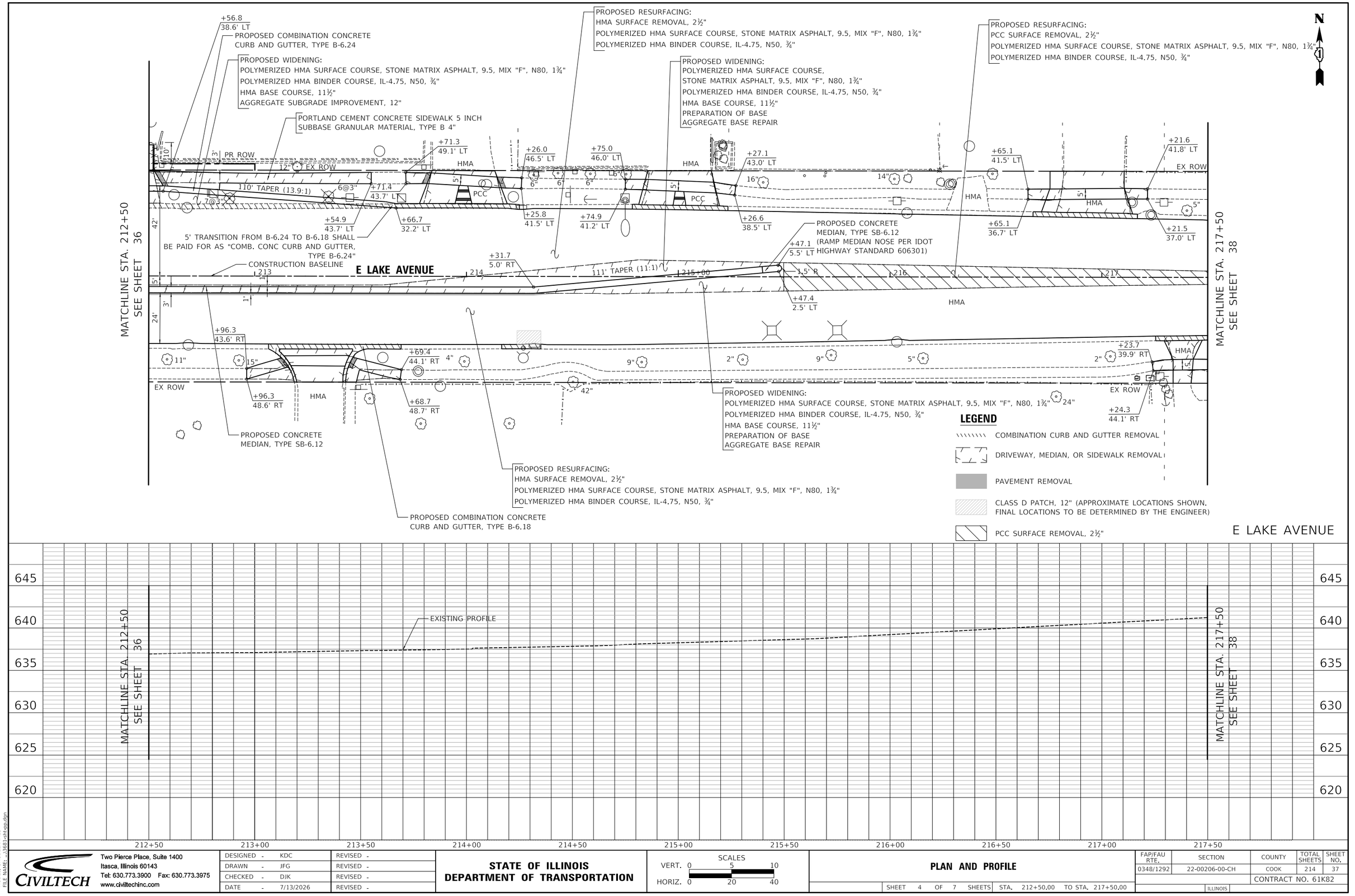
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

PLAN AND PROFILE

SHEET 3 OF 7 SHEETS STA. 207+00.00 TO STA. 212+50.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	36
		CONTRACT NO. 61K82		
	ILLINOIS			



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PROFILE — SURVEYED — PLOTTED — GRADES CHECKED — E.M. NOTED — STRUCTURE NOTATIONS CHKD — NOTE BOOK — NO. — BY — DATE

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FILE NAME: ...\3681-sht-epp.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

PLAN AND PROFILE

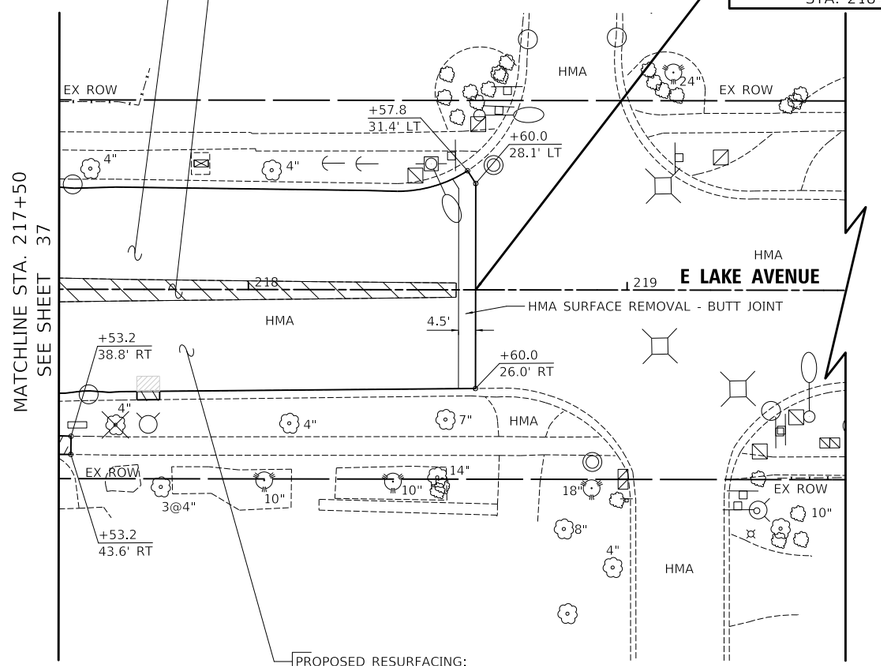
SHEET 4 OF 7 SHEETS STA. 212+50.00 TO STA. 217+50.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	37
		CONTRACT NO. 61K82		
	ILLINOIS			

PROPOSED RESURFACING:
HMA SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

PROPOSED RESURFACING:
PCC SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

RESURFACING/WIDENING ENDS
STA. 218+60.00



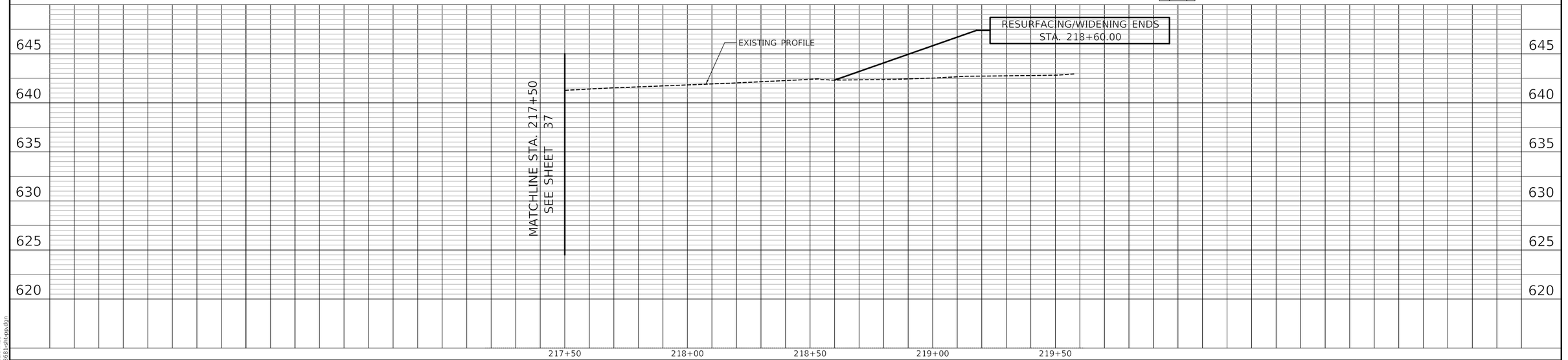
MATCHLINE STA. 217+50
SEE SHEET 37

PROPOSED RESURFACING:
HMA SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

LEGEND

- COMBINATION CURB AND GUTTER REMOVAL
- DRIVEWAY, MEDIAN, OR SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CLASS D PATCH, 12" (APPROXIMATE LOCATIONS SHOWN. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER)
- PCC SURFACE REMOVAL, 2½"

E LAKE AVENUE



PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO(S).&TM'S CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-sp.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

PLAN AND PROFILE

SHEET 5 OF 7 SHEETS STA. 217+50.00 TO STA. 218+60.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	38
		CONTRACT NO. 61K82		
		ILLINOIS		

PROPOSED WIDENING:
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
PCC BASE COURSE WIDENING, 8½"
PREPARATION OF BASE
AGGREGATE BASE REPAIR

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

SEE SHEET 90 FOR MATERIAL LIMITS
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

HMA SURFACE REMOVAL - BUTT JOINT

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

+05.6
54.0' LT

+66.2
45.0' LT

+33.1
53.7' LT
HMA

PROPOSED RESURFACING:
HMA SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

HMA

+80.1
50.2' LT
PERM ESMT

EX ROW

PAVERS

PCC

EX ROW

+10.4
38.5' LT

+67.5
37.3' LT

+72.1
31.7' LT

BRICK PAVER REMOVAL

MATCH EXISTING EDGE OF PAVEMENT

PLANTER TO BE RELOCATED (BY OTHERS)

+60.7
33.0' LT

+66.9
42.1' LT

+21.8
42.0' LT

+50.8
41.8' LT

+80.1
41.8' LT

10' TRANSITION FROM B-6.12 TO B-6.24 SHALL BE PAID FOR AS "COMB. CONC. CURB AND GUTTER, TYPE B-6.24"

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

RESURFACING/WIDENING BEGINS
STA. 105+10.40

HMA

104 105+00 106 107 108 109

WAUKEGAN ROAD

CONSTRUCTION BASELINE

HMA SURFACE REMOVAL - BUTT JOINT

HMA

+51.8
7.0' LT

RAMP MEDIAN NOSE PER IDOT HIGHWAY STANDARD 606301

MATCHLINE STA. 109+25
SEE SHEET 36

+51.0
35.2' RT

+10.4
26.6' RT

192' TAPER (16.8:1)

+01.9
38.0' RT

+51.0
44.4' RT

+59.0
43.5' RT

+98.3
44.9' RT

100' R

+31.1
51.7' RT

+66.1
57.6' RT

108' R

+35.9
57.9' RT

180' R

+51.1
58.6' RT

100' R

+81.6
56.6' RT

108' R

+05.1
54.0' RT

PROPOSED CONCRETE MEDIAN, TYPE SB-6.12

BRICK PAVER REMOVAL

PLANTER REMOVAL

EX ESMT

EX ESMT

EX ROW

EX ROW

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"

PROPOSED WIDENING:
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
HMA BASE COURSE, 8½"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

WAUKEGAN ROAD

LEGEND

- COMBINATION CURB AND GUTTER REMOVAL
- DRIVEWAY, MEDIAN, OR SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CLASS D PATCH, 12" (APPROXIMATE LOCATIONS SHOWN. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER)
- PCC SURFACE REMOVAL, 2½"
- PROPOSED RESURFACING: HMA SURFACE REMOVAL, VARIABLE DEPTH; POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"; POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"; HMA BINDER COURSE, IL-9.5, N70, 1½"

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / DATE / BY

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CHKD / NOTE BOOK / NO. / DATE / BY

RESURFACING/WIDENING BEGINS
STA. 105+10.40

EXISTING PROFILE

645 640 635 630 625 620

104+00 104+50 105+00 105+50 106+00 106+50 107+00 107+50 108+00 108+50 109+00

MODEL: \$MODELNAME\$
FILE NAME: ...1368\-alt-cp.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

PLAN AND PROFILE

SHEET 6 OF 7 SHEETS STA. 105+10.42 TO STA. 109+25.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	39
		CONTRACT NO. 61K82		
	ILLINOIS			

PROPOSED WIDENING:
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
HMA BASE COURSE, 8½"
AGGREGATE SUBGRADE IMPROVEMENT, 12"

PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

PROPOSED WIDENING:
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
PCC BASE COURSE WIDENING, 8½"
PREPARATION OF BASE
AGGREGATE BASE REPAIR

PROPOSED RESURFACING:
HMA SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"

MATCHLINE STA. 111+25
SEE SHEET 36

+28.8 51.6' LT
+21.8 52.6' LT
+61.3 51.6' LT
+70.1 51.9' LT
+69.9 42.0' LT
+60.4 33.8' LT
+69.2 3.0' RT
+46.5 31.2' RT
+99.6 51.5' RT
+60.0 51.1' RT
+12.1 8.0' LT
+05.0 32.3' LT
+99.3 8.0' LT
+56.5 34.1' RT
+56.5 40.4' RT
+66.5 34.3' RT
+66.5 43.8' RT
+13.0 49.1' RT

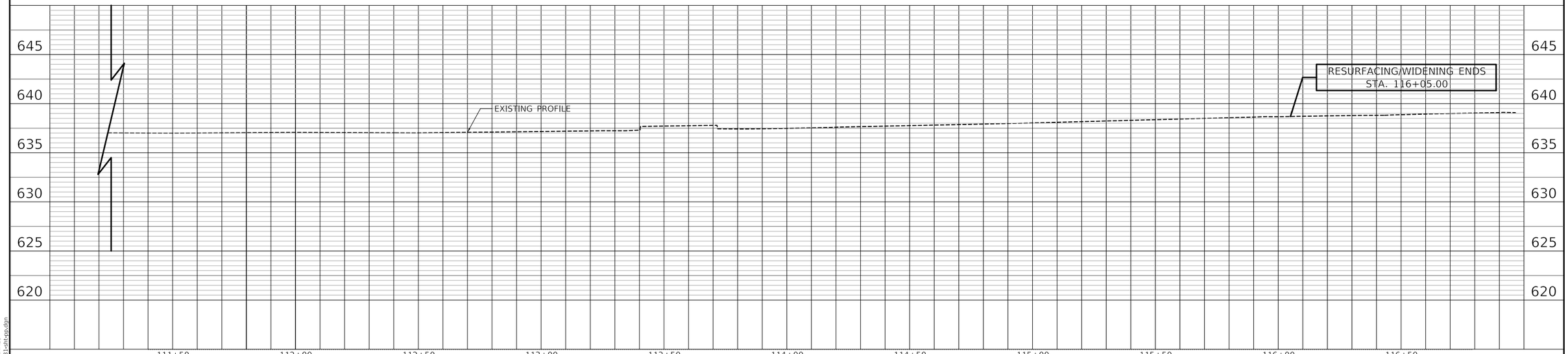
PERM ESMT
TEMP ESMT
EX ROW
HMA
PCC
PAVERS
STAMPED PCC
CONSTRUCTION BASELINE
PI STA. 113+69.23
121' TAPER (11:1)
143' TAPER (13:1)
15+00
RESURFACING/WIDENING ENDS STA. 116+05.00
WAUKEGAN ROAD
RAMP MEDIAN NOSE PER IDOT HIGHWAY STANDARD 606301
PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
HMA SURFACE REMOVAL - BUTT JOINT
PROPOSED RESURFACING:
HMA SURFACE REMOVAL, 2½"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1¾"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"
PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

LEGEND

- COMBINATION CURB AND GUTTER REMOVAL
- DRIVEWAY, MEDIAN, OR SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- PCC SURFACE REMOVAL, 2½"
- CLASS D PATCH, 12" (APPROXIMATE LOCATIONS SHOWN. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER)

WAUKEGAN ROAD

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.
PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO(TA)NS CHKD
BY, DATE



MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-sp-dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

PLAN AND PROFILE

SHEET 7 OF 7 SHEETS STA. 111+25.00 TO STA. 116+05.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	40
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ADDED PVMT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
ADDED CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

STAGE 1 (NOT SHOWN)

1. WORK WITHIN THIS STAGE SHALL BE PERFORMED UNDER DAILY LANE CLOSURES IN ACCORDANCE WITH HIGHWAYS STANDARDS 701601, 701602, AND 701701.
2. SET UP EROSION AND SEDIMENT CONTROL MEASURES.
3. INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.
4. INSTALL AND ACTIVATE TEMPORARY LIGHTING.
5. REMOVE EXISTING ISLANDS AND MEDIAN NOSES AND REPLACE WITH CONCRETE BASE COURSE WIDENING. MILL CORRUGATED MEDIANS FLUSH WITH ADJACENT PAVEMENT ON E LAKE AVENUE. REMOVE MEDIANS ON WAUKEGAN ROAD AND INSTALL TEMPORARY PAVEMENT AT LOCATIONS SHOWN IN THE STAGE 2 PLANS.

STAGE 2

1. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES. SHIFT TRAFFIC AS INDICATED.
2. REMOVE EXISTING CURB AND GUTTER, PAVEMENT, SIDEWALK AND DRIVEWAYS WITHIN THE WORK ZONE.
3. CONSTRUCT WATER MAIN, STORM SEWER, AND DRAINAGE STRUCTURES WITHIN THE WORKZONE. INSTALL LATERALS ACROSS THE PAVEMENT USING DAILY LANE CLOSURES IN ACCORDANCE WITH HIGHWAY STANDARDS 701606 AND 701701. TRENCHES THAT WILL BE CROSSED BY TRAFFIC SHALL BE PATCHED AS DIRECTED BY THE ENGINEER.
4. LINE THE EXISTING WATER MAIN USING DAILY LANE CLOSURES IN ACCORDANCE WITH HIGHWAY STANDARDS 701606 AND 701701.
5. CONSTRUCT CURB AND GUTTER, PAVEMENT WIDENING, SIDEWALK, AND ENTRANCES AS SHOWN.

STAGES 3, 3A, AND 3B

1. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES. SHIFT TRAFFIC AS INDICATED.
2. REMOVE EXISTING CURB AND GUTTER, PAVEMENT, SIDEWALK AND DRIVEWAYS WITHIN THE WORK ZONE.
3. CONSTRUCT STORM SEWER AND DRAINAGE STRUCTURES WITHIN THE WORKZONE.
4. CONSTRUCT CURB AND GUTTER, PAVEMENT WIDENING, SIDEWALK, AND ENTRANCES AS SHOWN.

STAGE 4

1. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES. SHIFT TRAFFIC AS INDICATED.
2. DAILY LANE CLOSURES FOR CONSTRUCTION OF THE MEDIANS SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 701601, 701602, AND 701701.
3. REMOVE TEMPORARY PAVEMENT WITHIN THE WORK ZONE.
4. CONSTRUCT CURB AND GUTTER, PAVEMENT WIDENING, AND MEDIANS AS SHOWN.

STAGE 5 (NOT SHOWN)

1. TRAFFIC SHALL REMAIN IN THE STAGE 4 CONFIGURATION. DAILY LANE CLOSURES SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 701601, 701602, AND 701701.
2. INSTALL AND ACTIVATE PERMANENT LIGHTING.
3. PERFORM LANDSCAPE RESTORATION.
4. PERFORM PCC SURFACE REMOVAL AS DIRECTED ON E LAKE AVENUE.
5. MILL EXISTING PAVEMENT SURFACE.
6. THE ENGINEER SHALL INSPECT THE CONDITION OF THE PAVEMENT AND MARK THE AREAS REQUIRING PAVEMENT PATCHING. PERFORM PAVEMENT PATCHING.
7. INSTALL HMA BINDER AND SURFACE COURSE.
8. INSTALL PERMANENT PAVEMENT MARKINGS AND SIGNING.
9. INSTALL AND ACTIVATE PERMANENT TRAFFIC SIGNAL. REMOVE TEMPORARY TRAFFIC SIGNAL.
10. REMOVE EROSION CONTROL MEASURES.
11. REMOVE ALL CONSTRUCTION SIGNS.

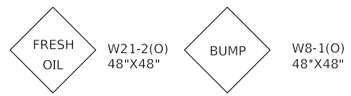
MAINTENANCE OF TRAFFIC GENERAL NOTES

1. TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
4. ALL SIGNS THAT WILL REMAIN THROUGHOUT CONSTRUCTION SHALL BE POST MOUNTED. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
5. DRUMS WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE BARRICADES SHALL BE NON-METALLIC DRUMS. SPACING SHALL BE AS SHOWN ON THE HIGHWAY STANDARDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
6. DRUMS WILL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, AND AT ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER OR LAW ENFORCEMENT AGENCIES. BARRICADES SHALL BE PLACED AT 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS IN CURVES AND RADII.
7. TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
8. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
9. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED. ANY DAMAGE CAUSED BY HIS/HER WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
10. THE FIRST TWO WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS.
11. EXISTING TRAFFIC CONTROL DEVICES ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE CAUSED BY HIS/HER WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.
12. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED ON ALL SURFACES OUTSIDE OF THE PROJECT LIMITS.

    CONFLICTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND PAID FOR AS "PAVEMENT MARKING REMOVAL - GRINDING". CONFLICTING PAVEMENT MARKINGS OUTSIDE THE PROJECT LIMITS SHALL BE REMOVED AND PAID FOR AS "PAVEMENT MARKING REMOVAL - WATER BLASTING".
13. "FRESH OIL" SIGNS (W21-2(O)-4848) WITH DATE SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO TACKING. THE COST OF THESE SIGNS SHALL BE INCLUDED IN "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
14. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, DRUMS, WARNING LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
15. QUANTITIES OF TEMPORARY PAVEMENT MARKING - MODIFIED URETHANE HAVE BEEN INCLUDED IN THE EVENT TEMPORARY PAVEMENT MARKINGS ARE REQUIRED OVER THE WINTER. THE MARKINGS SHALL BE INSTALLED IF DIRECTED TO DO SO BY THE ENGINEER.

PACE COORDINATION

1. PACE BUS ROUTE 422 RUNS ALONG IL ROUTE 43. TEMPORARY RELOCATION OF THE STOP WHEN REQUIRED FOR CONSTRUCTION OPERATIONS SHALL BE COORDINATED BY THE CONTRACTOR WITH PACE AND THE ENGINEER. ANY TEMPORARY SIGNING REQUIRED TO DIRECT PATRONS TO THE TEMPORARY LOCATION SHALL BE PAID FOR AS "TEMPORARY INFORMATION SIGNING".



TO BE PLACED AS DIRECTED BY THE ENGINEER

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DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NOTES

SHEET 1 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	41
		CONTRACT NO. 61K82		
	ILLINOIS			

MODEL: $MODELNAME$
FILE NAME: ...\3681-sht-MOT-Notes.dgn

ACCESS MAINTENANCE NOTES

ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUB-STAGING THE CONSTRUCTION OF DRIVEWAYS. THE CONTRACTOR SHALL FOLLOW THESE PROCEDURES TO ENSURE PROPER DRIVEWAY ACCESS WHEN DIRECTED BY THE ENGINEER:

1. THE CONTRACTOR SHALL WORK WITH ADJACENT BUSINESS OWNERS AND THE VILLAGE TO DETERMINE DRIVEWAY RECONSTRUCTION SCHEDULING. ALL DRIVEWAY CLOSURES SHALL BE APPROVED BY THE ENGINEER.

2. THE WIDTH OF THE DRIVE SHALL BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL NOTE THAT THE TEMPORARY DRIVEWAY WIDTH MAY EXCEED THE WIDTH OF THE EXISTING DRIVEWAY.

   THE COST OF PLACING, MAINTAINING AND REMOVING TEMPORARY DRIVES SHALL BE INCLUDED IN THE COST OF "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)".

3. A 4" PVC DRAIN SHALL BE PLACED UNDER TEMPORARY DRIVES TO PROVIDE POSITIVE DRAINAGE WHEN THE ROADWAY IS EXCAVATED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF "DRIVEWAY PAVEMENT REMOVAL".

4. ALL BARRICADES REQUIRED TO SUB-STAGE DRIVEWAY CONSTRUCTION AND MAINTAIN ACCESS TO DRIVEWAYS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

SIDEWALK MAINTENANCE NOTE

1. THE SIDEWALK ON ONE SIDE OF THE STREET MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES. CONSTRUCTION STAGING SHALL BE COORDINATED WITH THE ENGINEER AND CONTRACTOR TO ENSURE ONE SIDEWALK REMAINS OPEN. SIGNS AND DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES SHALL BE USED AT THE POINT OF SIDEWALK CLOSURE. R11-I102 SIGNS SHALL BE INSTALLED IN ADVANCE OF THE CLOSURE AT THE FOLLOWING LOCATIONS:
   - LAKE AVENUE AND SCOTT FORESMAN ROAD
   - LAKE AVENUE AND SUNSET RIDGE ROAD
   - WAUKEGAN AND GROVE STREET
   - WAUKEGAN AND COMMERCIAL ENTRANCE (APPROX. STA. 116+90)

   THE WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)."

2. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO ALL BUILDINGS AND BUSINESS ENTRANCES WITHIN THE PROJECT LIMITS FOR THE ENTIRETY OF EACH CONSTRUCTION STAGE. THE FOLLOWING SHALL APPLY TO WORK ADJACENT TO BUSINESS ENTRANCES:

   A. THE EXISTING SIDEWALK AT ENTRANCES SHALL REMAIN IN PLACE UNTIL IMMEDIATELY PRIOR TO THE CONSTRUCTION OF THE PROPOSED SIDEWALK UNLESS OTHERWISE APPROVED BY THE ENGINEER.

   B. RECONSTRUCTION OF SIDEWAK IN FRONT OF BUILDING ENTRANCES WITH MORE THAN ONE DOOR TO A BUSINESS SHALL BE STAGED SO THAT AT LEAST ONE DOOR IS ACCESSIBLE AT ALL TIMES.

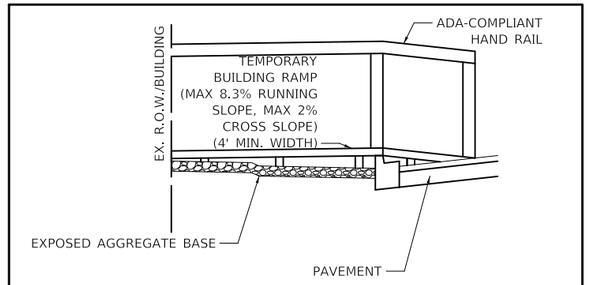
   C. CONSTRUCTION OPERATIONS TO REPLACE SIDEWALK IN FRONT OF BUSINESSES WITH A SINGLE ENTRANCE SHALL BE COORDINATED WITH THE ENGINEER AND BUSINESS OWNER TO OCCUR DURING OFF PEAK HOURS SUCH THAT THE ENTRANCE IS RE-OPENED DURING THE REGULAR OPERATING HOURS OF THE BUSINESS. THIS MAY REQUIRE WORK DURING OVERNIGHT HOURS OR WEEKENDS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR WORK REQUIRED DURING THESE TIMES.

   D. ADA COMPLIANT PEDESTRIAN CHANNELIZATION BARRICADES SHALL BE USED TO PROVIDE AN ADJACENT WALKWAY THAT SEPARATES PEDESTRIANS FROM THE WORK ZONE AS SHOWN ON THE DETAIL ON THIS SHEET.

   E. THE CONTRACTOR SHALL PROVIDE ADA COMPLIANT ACCESS BETWEEN THE SIDEWALK AND THE WALKWAY AND BETWEEN THE WALKWAY AND THE BUSINESS ENTRANCES WITH TEMPORARY RAMPS. THE TEMPORARY RAMPS SHALL HAVE SKID-RESISTANT WALKWAY SURFACES, PEDESTRIAN RAILINGS BETWEEN THE TEMPORARY RAMP AND CONSTRUCTION ZONE, AND SHALL BE OF A SUFFICIENT STRENGTH TO SUPPORT A 100 POUND PER SQUARE FOOT LOADING.

   F. BUILDING ACCESS WITHIN THE PROJECT LIMITS SHALL BE INDENTIFIED BY THE CONTRACTOR AND DISCUSSED WITH THE ENGINEER PRIOR TO STARTING ANY REMOVAL OR DEMOLITION ACTIVITIES. THE CONTRACTOR SHALL PREPARE TEMPORARY ACCESS PLANS AND DETAILS FOR APPROVAL BY THE ENGINEER A MINIMUM OF SEVEN DAYS PRIOR TO REMOVAL OR DEMOLITION OF ANY EXISTING FEATURES AND INSTALLATION OF TEMPORARY BUILDING RAMPS.

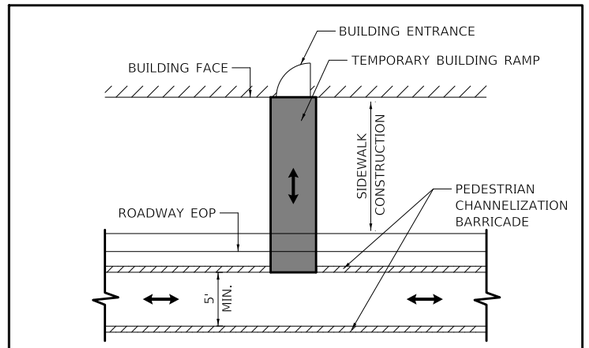
   G. ALL WORK TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".



NOTE: TEMPORARY BUILDING RAMPS TO BE IN COMPLIANCE WITH ADA REQUIREMENTS.

MOT TEMPORARY BUILDING RAMP DETAIL

N.T.S.



MOT PEDESTRIAN ACCESS ROUTE IN ROADWAY

N.T.S.

PLAN — SURVEYED ____ PLOTTED ____ ALIGNMENT CHECKED ____ RT. OF WAY CHECKED ____ CADD FILE NAME ____ NOTE BOOK ____ NO.____ BY ____ DATE ____

PROFILE — SURVEYED ____ PLOTTED ____ GRADES CHECKED ____ B.M. NOTED ____ STRUCTURE NOTATNS CHKD ____ NOTE BOOK ____ NO.____ BY ____ DATE ____

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FILE NAME: ...\3681-sht-MOT-Notes.dgn

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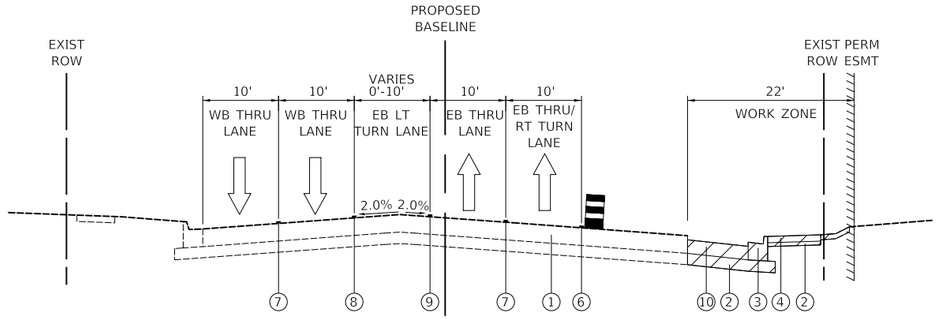
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NOTES

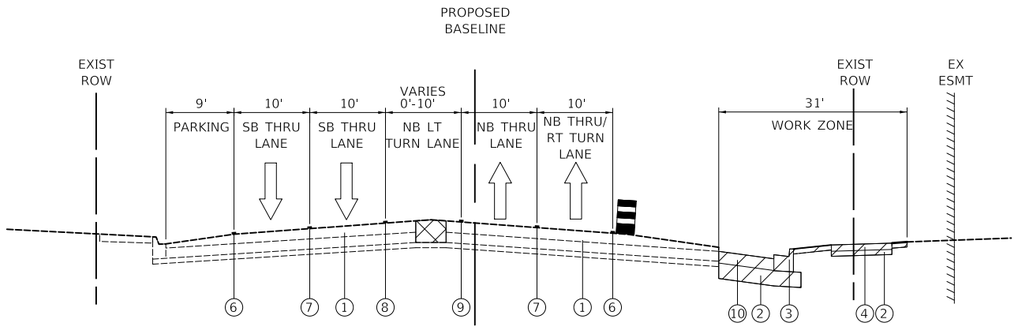
SHEET 2 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	42
		CONTRACT NO. 61K82		
	ILLINOIS			



PROPOSED TYPICAL SECTION

STAGE 2 - E LAKE AVENUE
STA. 200+23 TO 209+68 LOOKING EAST



PROPOSED TYPICAL SECTION

STAGE 2 - IL ROUTE 43 (WAUKEGAN ROAD)
STA. 105+10 TO 110+20 LOOKING NORTH

LEGEND

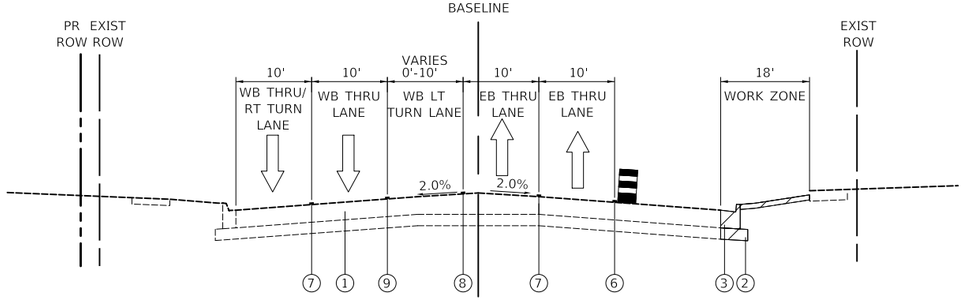
1. EXISTING PAVEMENT
2. PROPOSED GRANULAR SUBBASE
3. PROPOSED COMBINATION CONCRETE CURB AND GUTTER
4. PROPOSED PCC SIDEWALK
5. LINE 4" (YELLOW EDGE LINE)
6. LINE 4" (WHITE EDGE LINE)
7. LINE 4" (WHITE SKIP DASH LINE)
8. LINE 4" (DOUBLE YELLOW LINE)
9. LINE 6" (WHITE LINE)
10. PROPOSED PAVEMENT
11. PROPOSED CONCRETE MEDIAN

TEMPORARY PAVEMENT

WORK ZONE

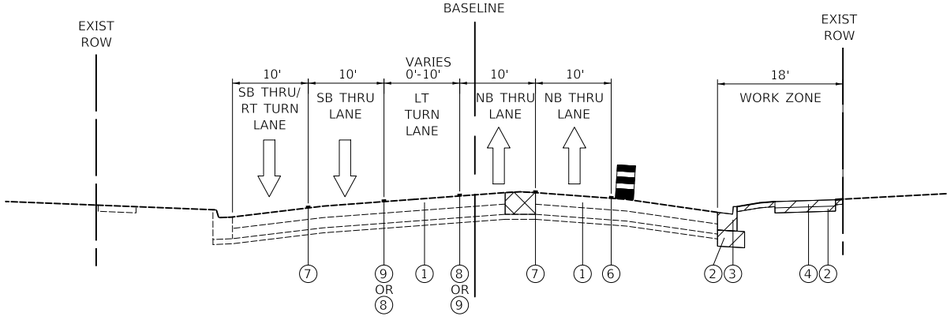
TRAFFIC FLOW

DRUMS



PROPOSED TYPICAL SECTION

STAGE 2 - E LAKE AVENUE
STA. 209+68 TO 218+60 LOOKING EAST



PROPOSED TYPICAL SECTION

STAGE 2 - IL ROUTE 43 (WAUKEGAN ROAD)
STA. 110+20 TO 116+05 LOOKING NORTH

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-MOT-Notes.dgn

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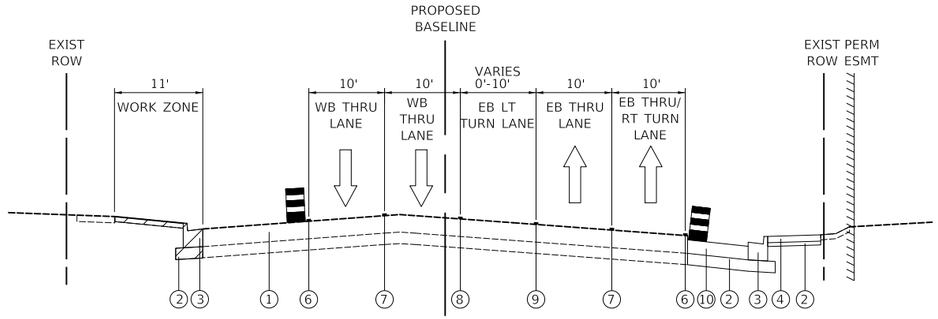
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

SHEET 1 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	43
		CONTRACT NO. 61K82		
	ILLINOIS			



PROPOSED TYPICAL SECTION

STAGE 3/3A/3B - E LAKE AVENUE
STA. 200+23 TO 209+68 LOOKING EAST

LEGEND

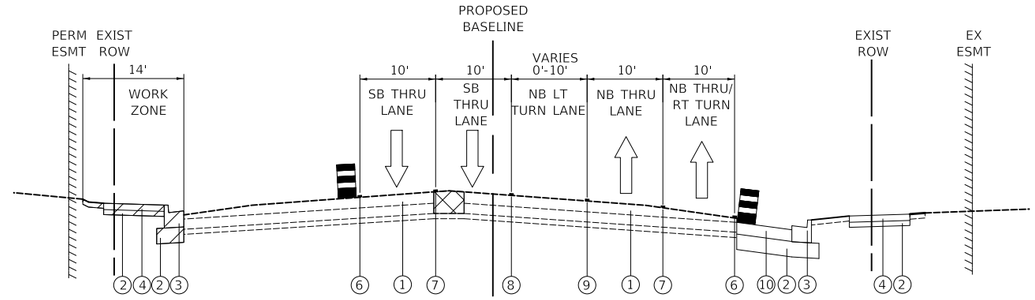
1. EXISTING PAVEMENT
2. PROPOSED GRANULAR SUBBASE
3. PROPOSED COMBINATION CONCRETE CURB AND GUTTER
4. PROPOSED PCC SIDEWALK
5. LINE 4" (YELLOW EDGE LINE)
6. LINE 4" (WHITE EDGE LINE)
7. LINE 4" (WHITE SKIP DASH LINE)
8. LINE 4" (DOUBLE YELLOW LINE)
9. LINE 6" (WHITE LINE)
10. PROPOSED PAVEMENT
11. PROPOSED CONCRETE MEDIAN

TEMPORARY PAVEMENT

WORK ZONE

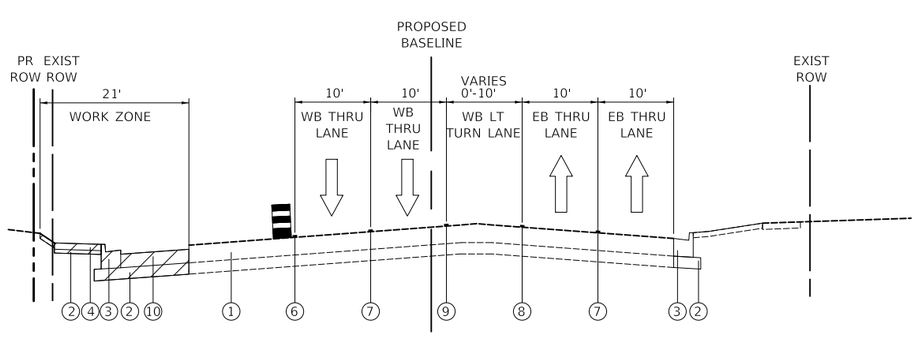
TRAFFIC FLOW

DRUMS



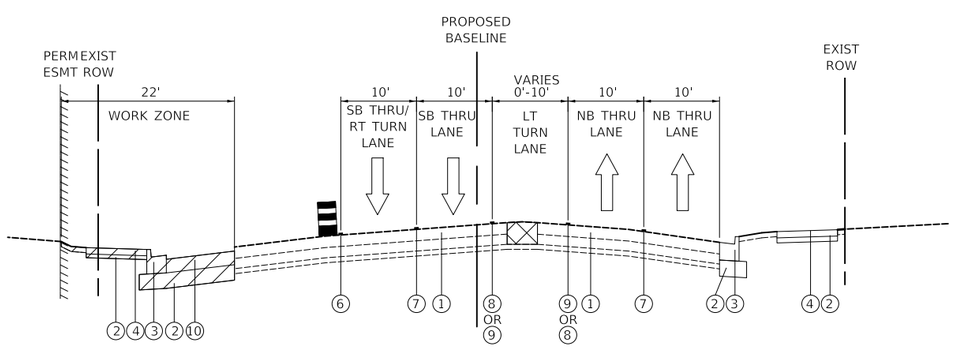
PROPOSED TYPICAL SECTION

STAGE 3/3A/3B - IL ROUTE 43 (WAUKEGAN ROAD)
STA. 105+10 TO 110+20 LOOKING NORTH



PROPOSED TYPICAL SECTION

STAGE 3/3A/3B - E LAKE AVENUE
STA. 209+68 TO 218+60 LOOKING EAST



PROPOSED TYPICAL SECTION

STAGE 3/3A/3B - IL ROUTE 43 (WAUKEGAN ROAD)
STA. 110+20 TO 116+05 LOOKING NORTH

PLAN
DATE
BY
SURVEYED
PLOTTED
CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.

PROFILE
DATE
BY
SURVEYED
PLOTTED
CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-MOT-Notes.dgn

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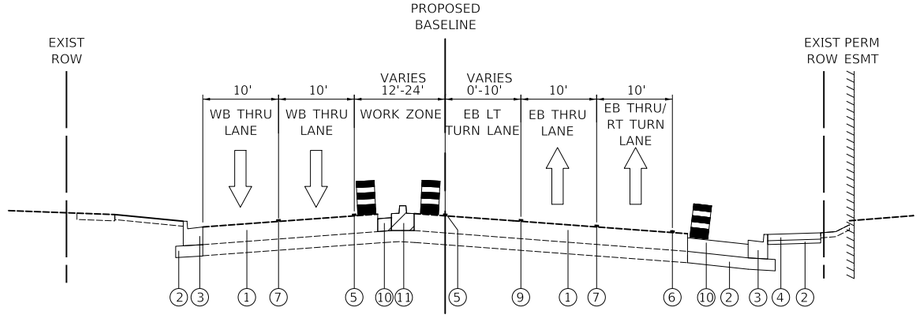
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

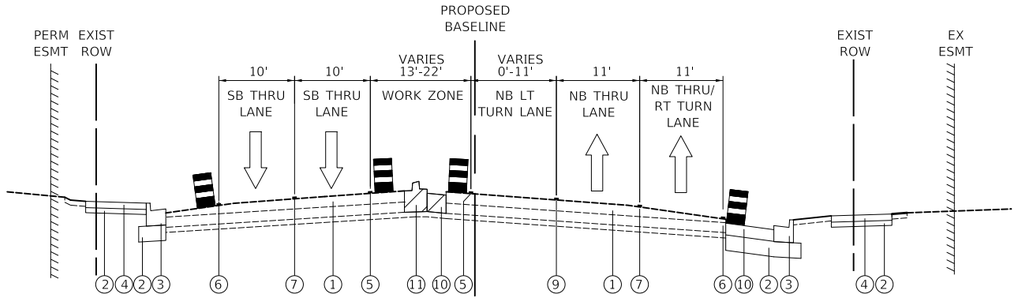
SHEET 2 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	44
		CONTRACT NO. 61K82		
	ILLINOIS			



PROPOSED TYPICAL SECTION

STAGE 4 - E LAKE AVENUE
STA. 200+23 TO 209+68 LOOKING EAST



PROPOSED TYPICAL SECTION

STAGE 4 - IL ROUTE 43 (WAUKEGAN ROAD)
STA. 105+10 TO 110+20 LOOKING NORTH

LEGEND

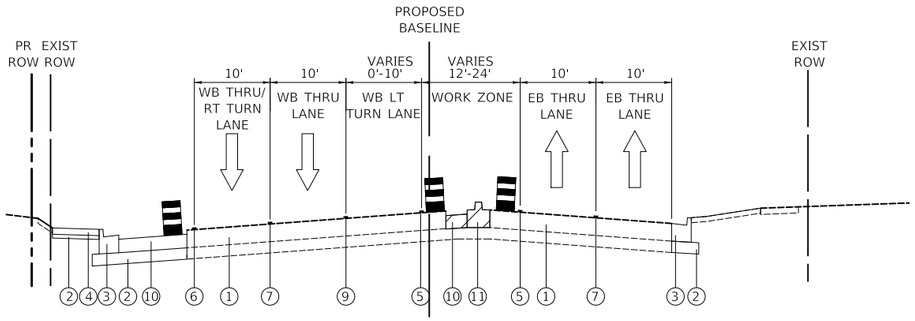
1. EXISTING PAVEMENT
2. PROPOSED GRANULAR SUBBASE
3. PROPOSED COMBINATION CONCRETE CURB AND GUTTER
4. PROPOSED PCC SIDEWALK
5. LINE 4" (YELLOW EDGE LINE)
6. LINE 4" (WHITE EDGE LINE)
7. LINE 4" (WHITE SKIP DASH LINE)
8. LINE 4" (DOUBLE YELLOW LINE)
9. LINE 6" (WHITE LINE)
10. PROPOSED PAVEMENT
11. PROPOSED CONCRETE MEDIAN

TEMPORARY PAVEMENT

WORK ZONE

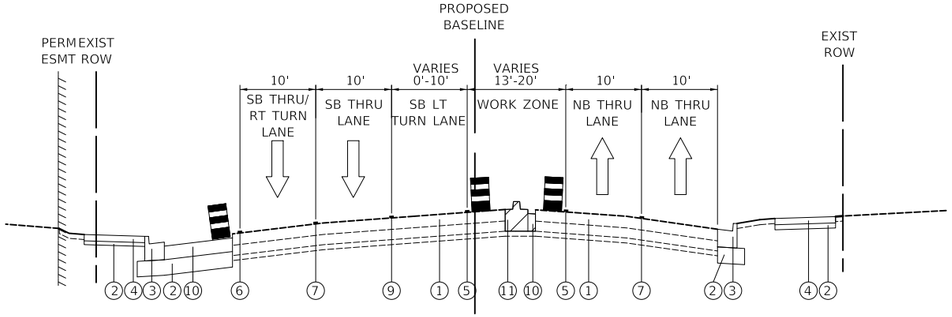
TRAFFIC FLOW

DRUMS



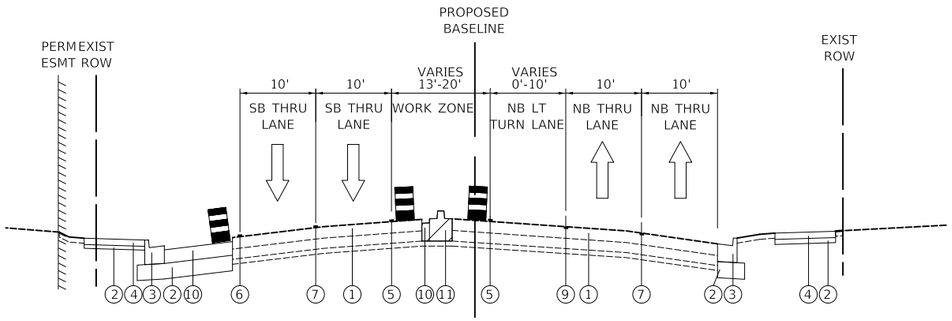
PROPOSED TYPICAL SECTION

STAGE 4 - E LAKE AVENUE
STA. 209+68 TO 218+60 LOOKING EAST



PROPOSED TYPICAL SECTION

STAGE 4 - IL ROUTE 43 (WAUKEGAN ROAD)
STA. 110+20 TO 113+97 LOOKING NORTH



PROPOSED TYPICAL SECTION

STAGE 4 - IL ROUTE 43 (WAUKEGAN ROAD)
STA. 113+97 TO 116+05 LOOKING NORTH

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-MOT-Notes.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

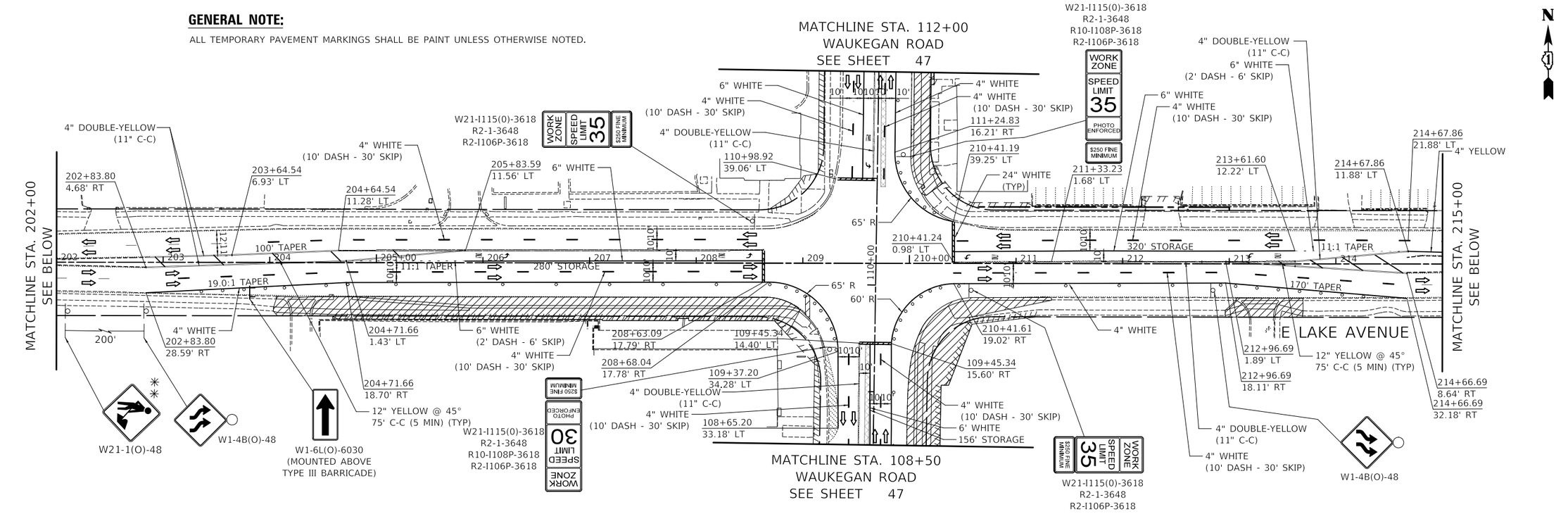
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

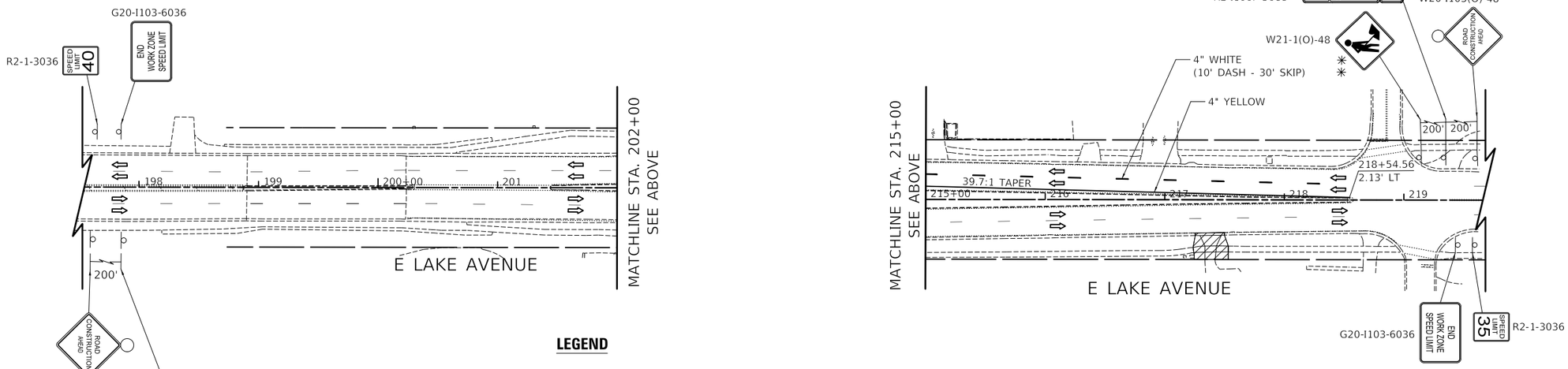
SHEET 3 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	45
		CONTRACT NO. 61K82		
	ILLINOIS			

GENERAL NOTE:

ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.





LEGEND

○	DRUMS/TYPE II BARRICADES	⇨	DIRECTION OF TRAVEL
⊢○	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT	➡	ARROW BOARD
⊥	TYPE III BARRICADE	✳✳	MUST BE REMOVED OR COVERED WHEN FLAGGERS/WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR
▨	WORK ZONE	▩	TEMPORARY PAVEMENT

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAME5
FILE NAME: ...\3681sht-MOT02.dgn

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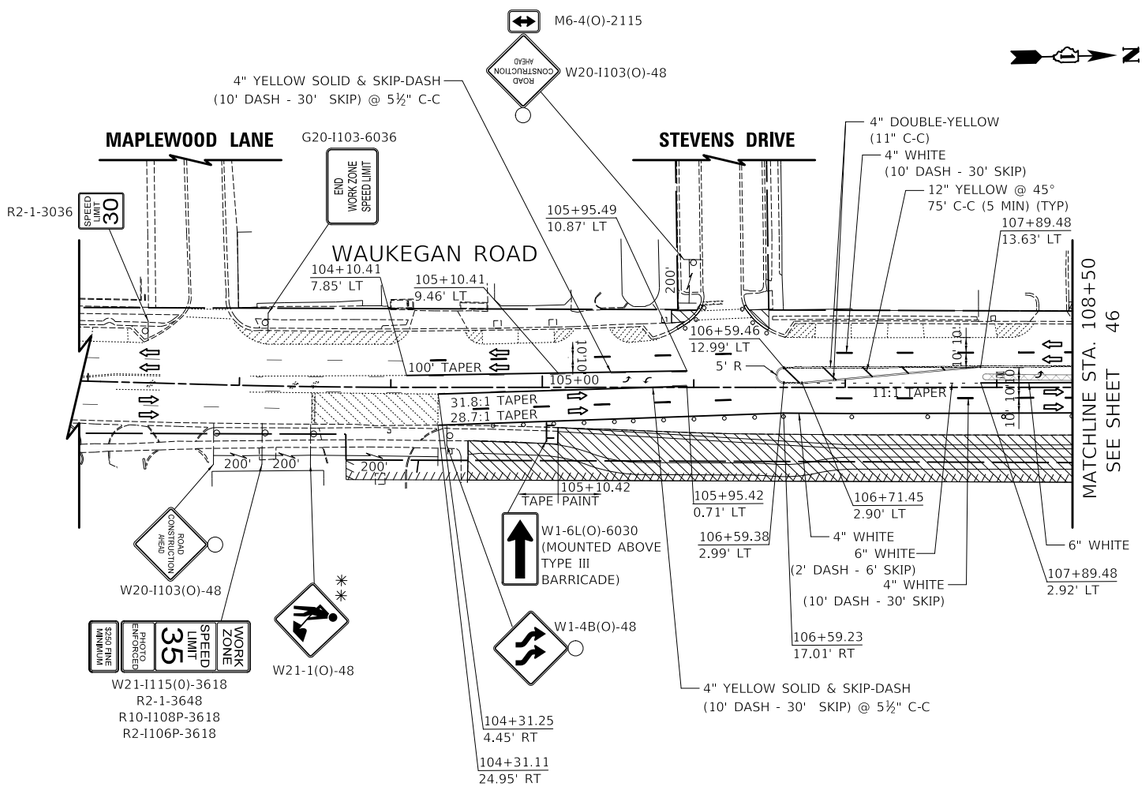
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

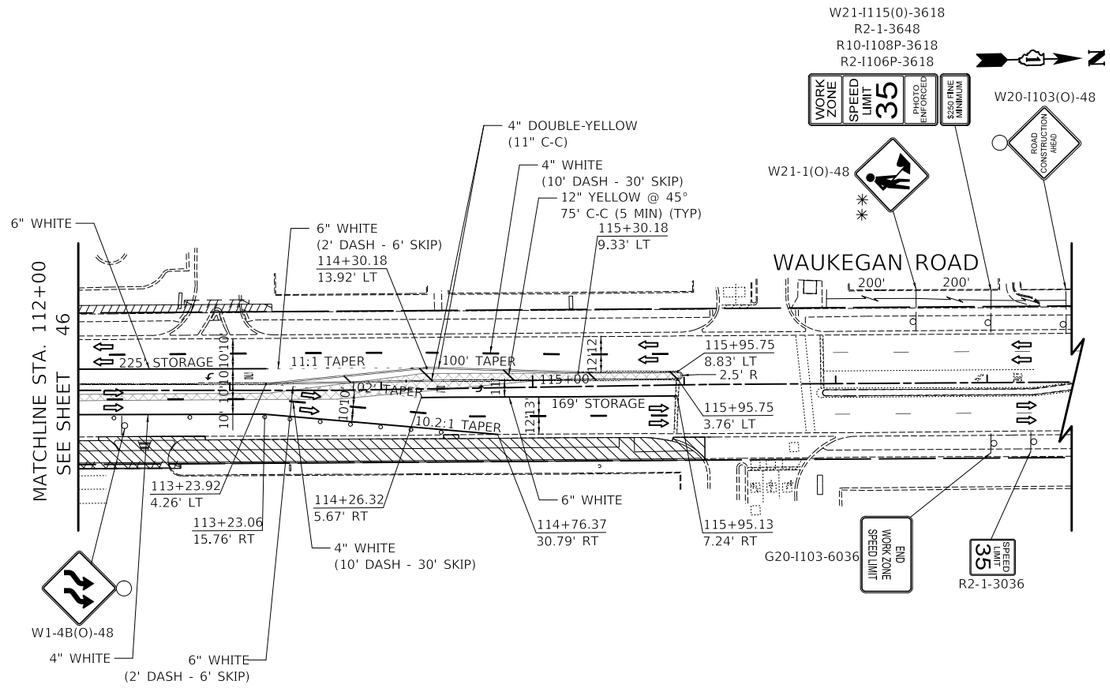
SCALE 0 50 100

MAINTENANCE OF TRAFFIC – STAGE 2

SHEET 1 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	46
		CONTRACT NO. 61K82		
	ILLINOIS			





LEGEND

∘	DRUMS/TYPE II BARRICADES	⇨	DIRECTION OF TRAVEL
⊦	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT	➡	ARROW BOARD
⊣	TYPE III BARRICADE	✳✳	MUST BE REMOVED OR COVERED WHEN FLAGGERS/WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR
▨	WORK ZONE	▩	TEMPORARY PAVEMENT

PLAN / PROFILE — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., DATE, BY, DESIGN CHECKED, E.M. NOTED, STRUCTURE NOTATNS CHKD

MODEL: \MODELNAME\
FILE NAME: ...\3683-sht-MOT02.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 50 100

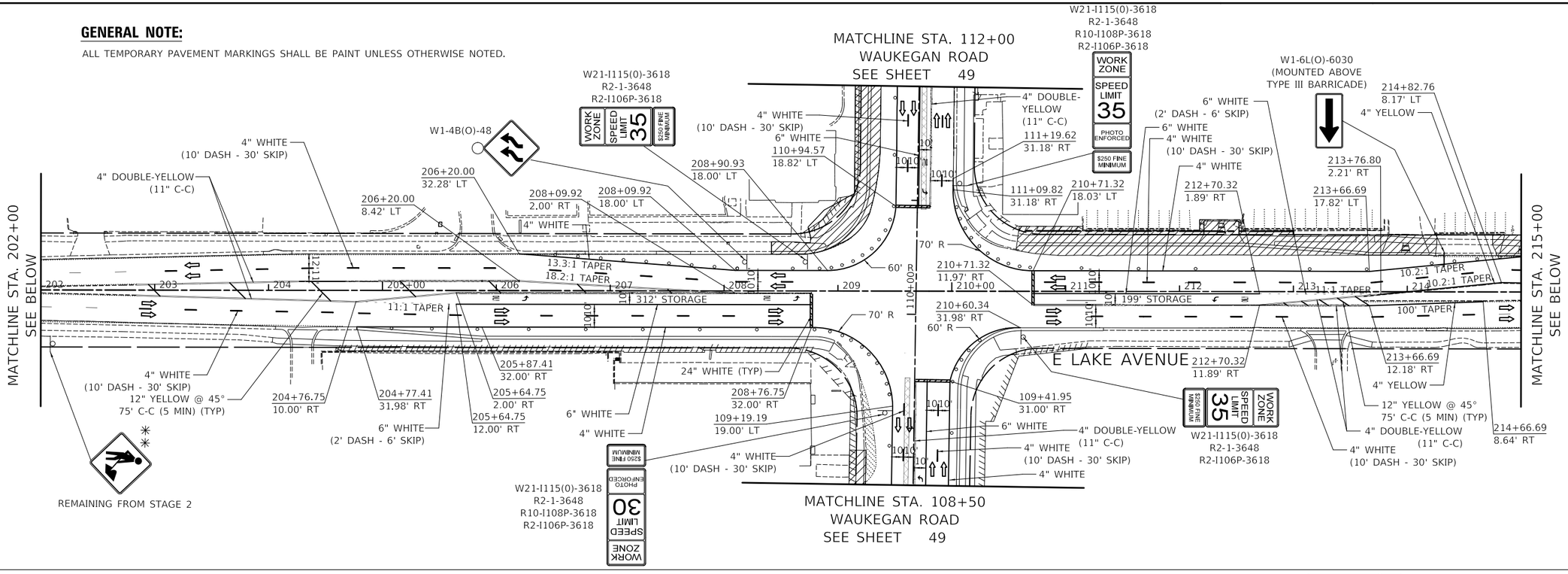
MAINTENANCE OF TRAFFIC – STAGE 2

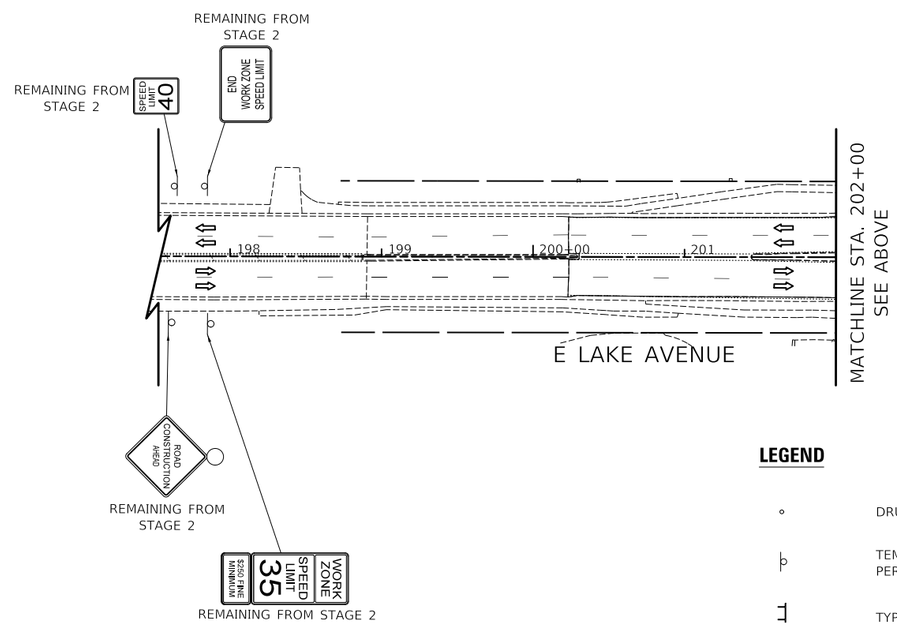
SHEET 2 OF 2 SHEETS

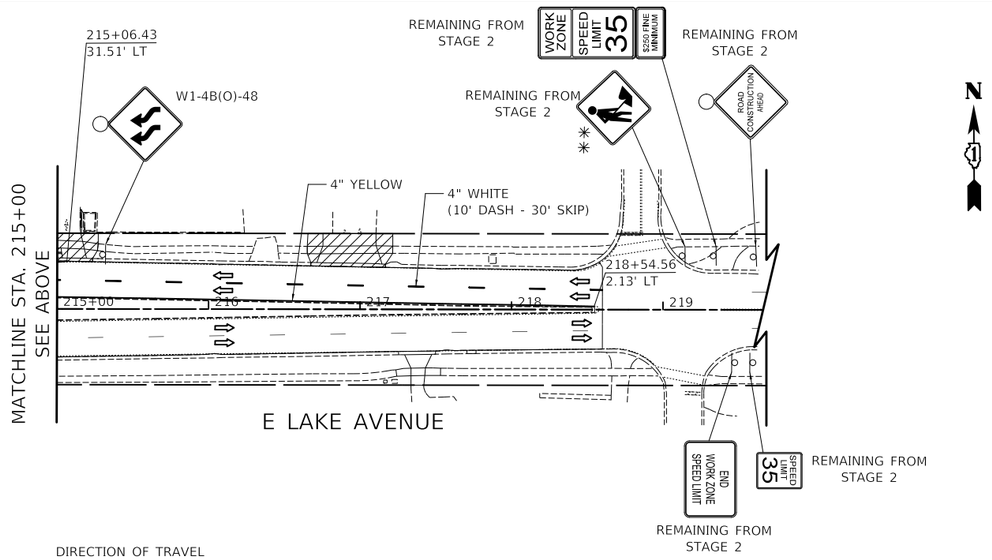
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	47
		CONTRACT NO. 61K82		
		ILLINOIS		

GENERAL NOTE:

ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.







LEGEND

∘	DRUMS/TYPE II BARRICADES	⇨	DIRECTION OF TRAVEL
⊦	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT	➡	ARROW BOARD
⊤	TYPE III BARRICADE	✳✳	MUST BE REMOVED OR COVERED WHEN FLAGGERS/WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR
▨	WORK ZONE	▩	TEMPORARY PAVEMENT

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO/PATHS CHKD, NOTE BOOK, NO., BY, DATE

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FILE NAME: ...\3683-sht-MOT03.dgn

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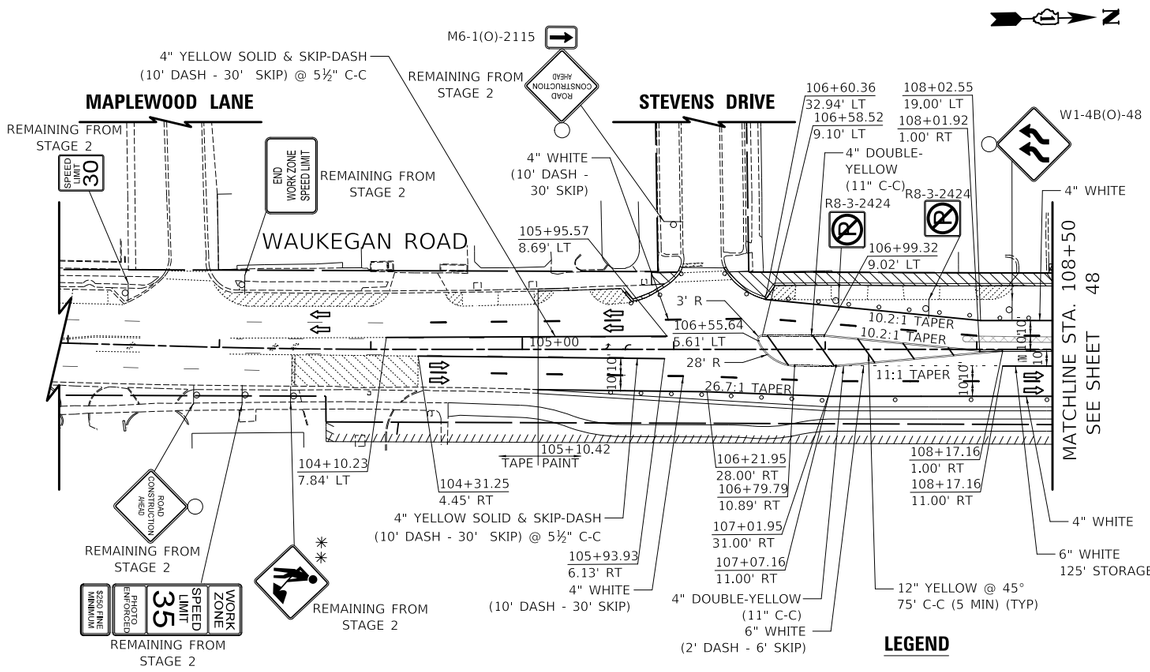
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

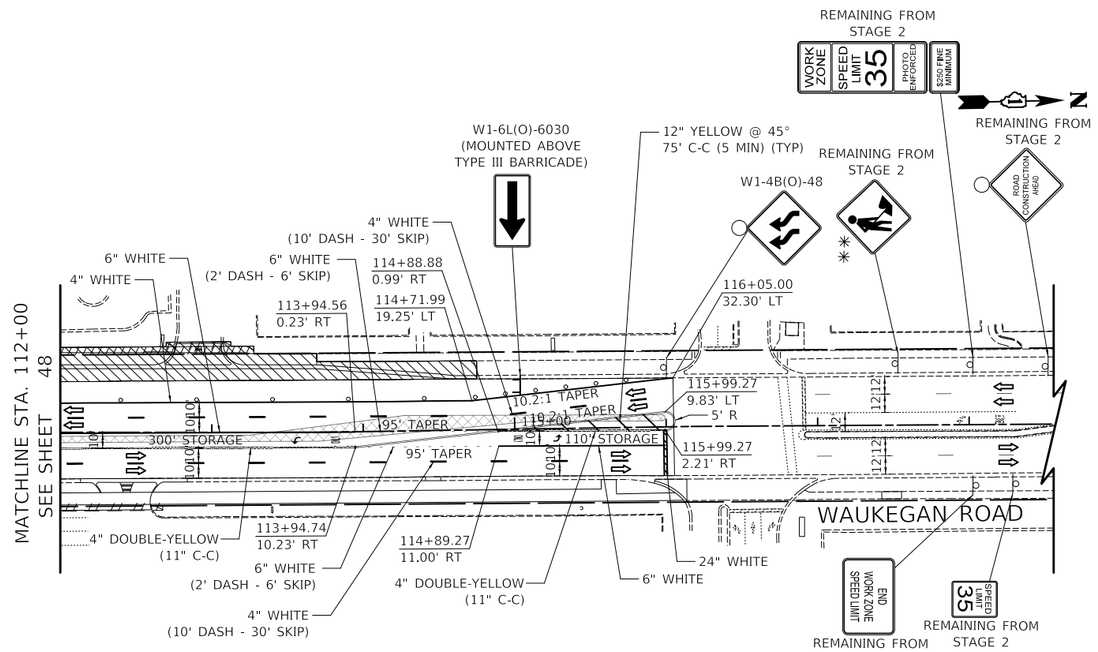
SCALE
0 50 100

MAINTENANCE OF TRAFFIC – STAGE 3

SHEET 1 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	48
		CONTRACT NO. 61K82		
	ILLINOIS			





LEGEND

∘	DRUMS/TYPE II BARRICADES	⇨	DIRECTION OF TRAVEL
⊦	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT	➡	ARROW BOARD
⊣	TYPE III BARRICADE	**	MUST BE REMOVED OR COVERED WHEN FLAGGERS/WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR
▨	WORK ZONE	▩	TEMPORARY PAVEMENT

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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FILE NAME: ...\3683-sht-MOT03.dgn

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DEPARTMENT OF TRANSPORTATION

SCALE 0 50 100

MAINTENANCE OF TRAFFIC – STAGE 3

SHEET 2 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	49
		CONTRACT NO. 61K82		
		ILLINOIS		

NOTES:

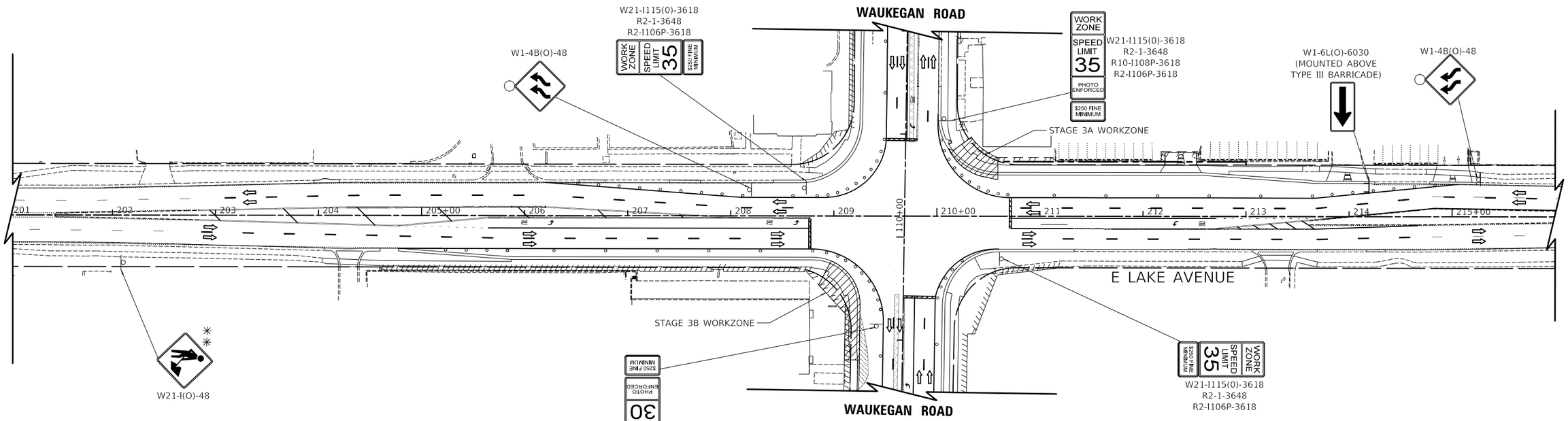
1) ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.

2) ALL SIGNS AND TEMPORARY PAVEMENT MARKINGS REMAIN FROM STAGE 3.

N

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / CROSS SECT. CHECKED / B.M. NOTED / STRUCTURE NO'S/TYP'S CHK'D / NOTE BOOK / NO. / BY / DATE



LEGEND

∘	DRUMS/TYPE II BARRICADES	⇨	DIRECTION OF TRAVEL
⊦	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT	➡	ARROW BOARD
⊥	TYPE III BARRICADE	✳ ✳	MUST BE REMOVED OR COVERED WHEN FLAGGERS/WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR
▨	WORK ZONE	▩	TEMPORARY PAVEMENT

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-MOT03ab.dgn

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DEPARTMENT OF TRANSPORTATION

SCALE
0 50 100

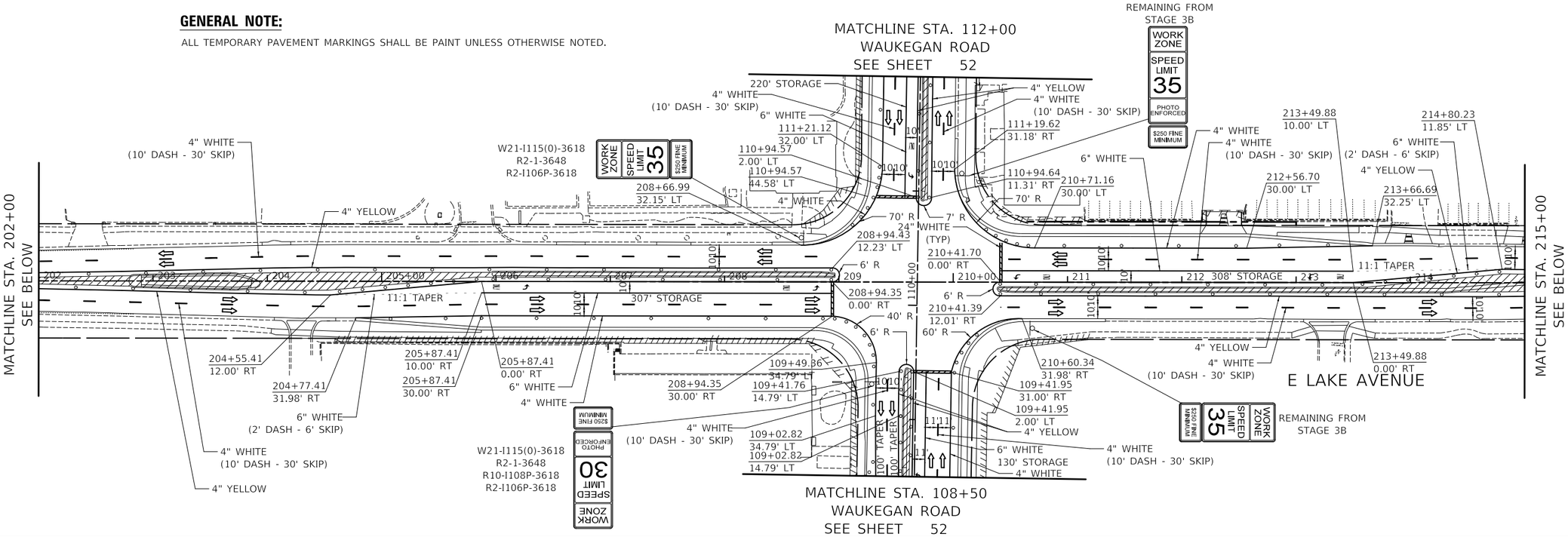
MAINTENANCE OF TRAFFIC – STAGES 3A & 3B

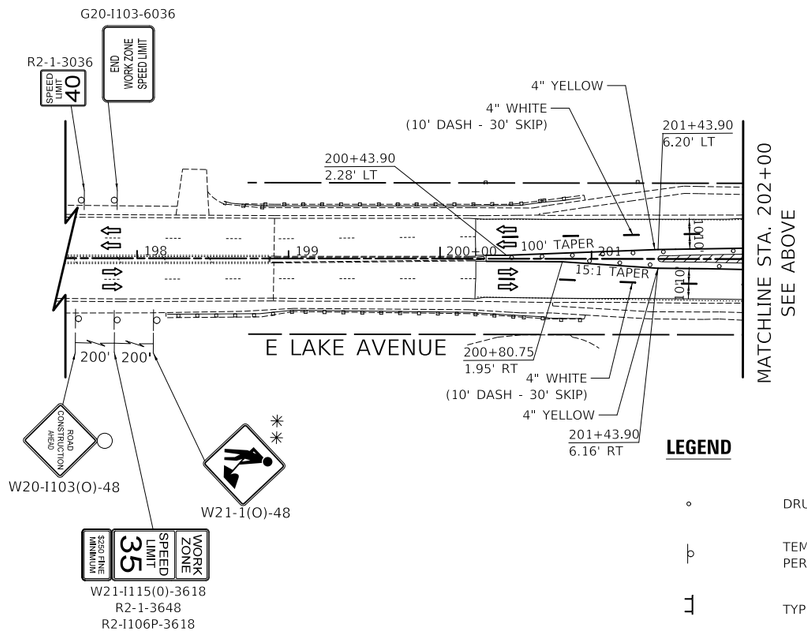
SHEET 1 OF 1 SHEETS

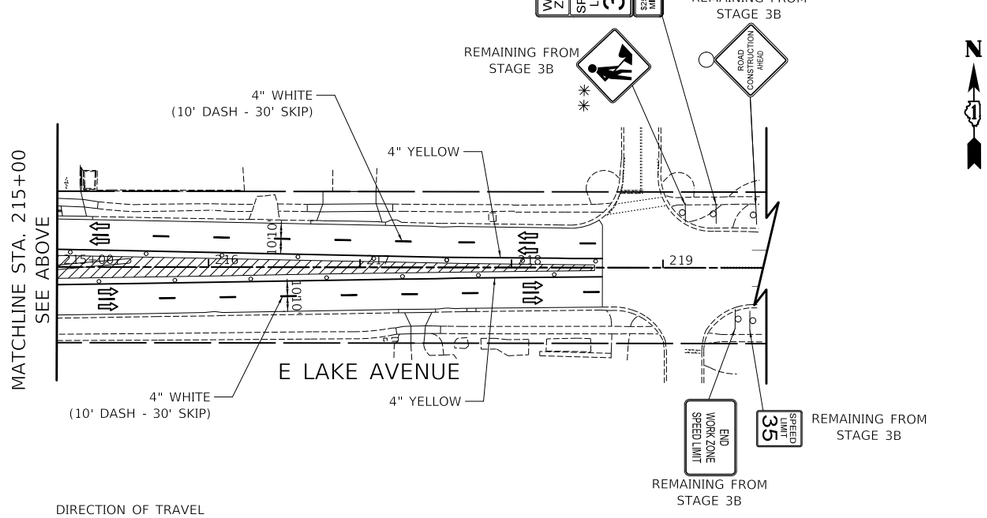
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	50
		CONTRACT NO. 61K82		
	ILLINOIS			

GENERAL NOTE:

ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.







LEGEND

○	DRUMS/TYPE II BARRICADES	⇨	DIRECTION OF TRAVEL
⊢○	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT	➡	ARROW BOARD
⊣	TYPE III BARRICADE	✳✳	MUST BE REMOVED OR COVERED WHEN FLAGGERS/WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR
▨	WORK ZONE		

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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DATE - 7/13/2026		REVISED -

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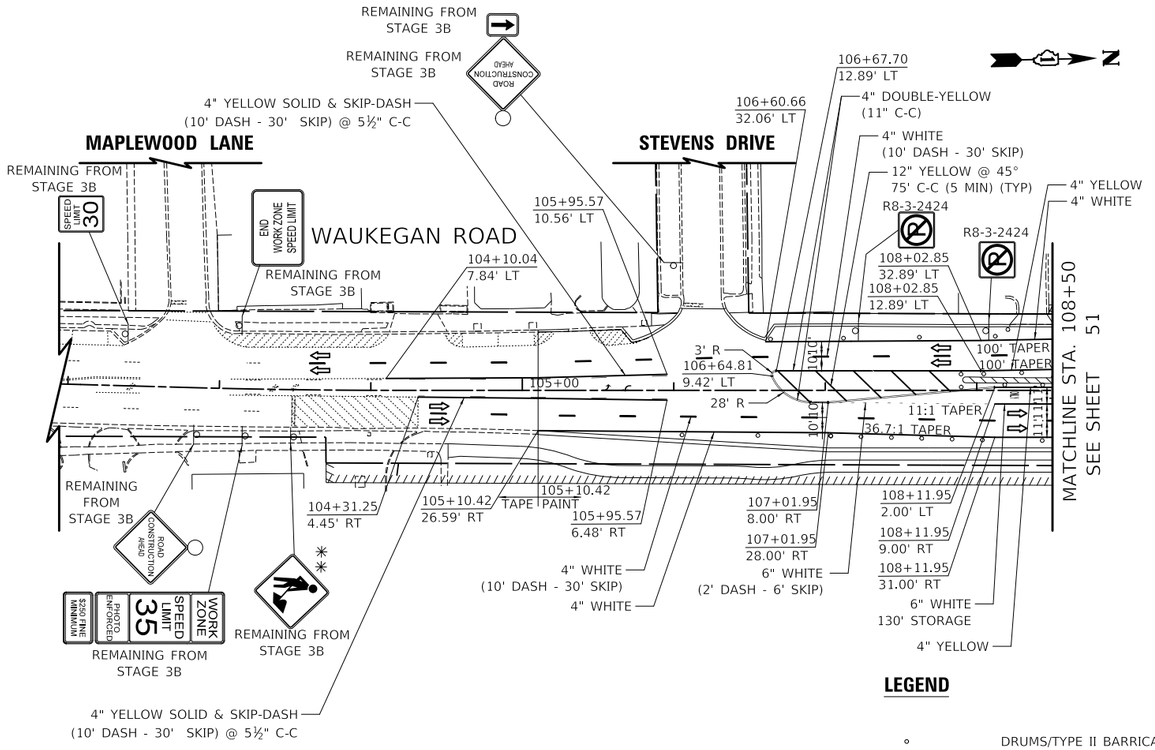
DEPARTMENT OF TRANSPORTATION

SCALE 0 50 100

MAINTENANCE OF TRAFFIC – STAGE 4

SHEET 1 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	51
		CONTRACT NO. 61K82		
	ILLINOIS			



LEGEND

∘	DRUMS/TYPE II BARRICADES	⇨	DIRECTION OF TRAVEL
⊦	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT	➡	ARROW BOARD
⊣	TYPE III BARRICADE	✳✳	MUST BE REMOVED OR COVERED WHEN FLAGGERS/WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR
▨	WORK ZONE		

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO'S/FN'S CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAME5
FILE NAME: ...\3683-sht-MOT04.dgn

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CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

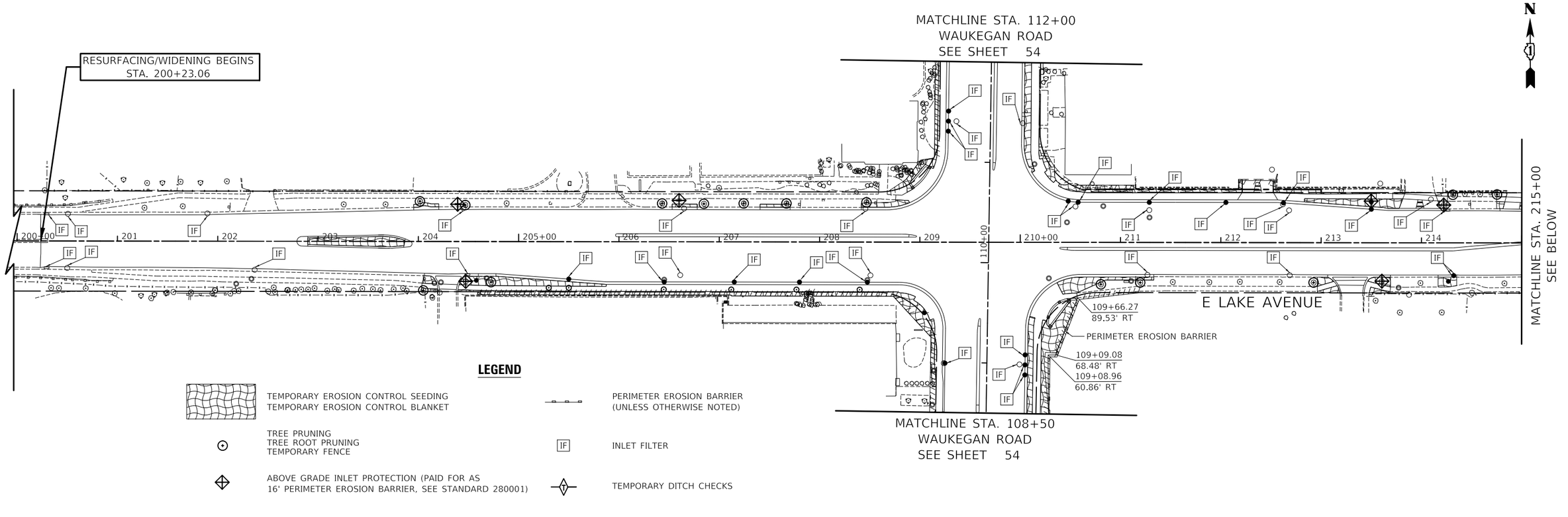
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 50 100

MAINTENANCE OF TRAFFIC – STAGE 4

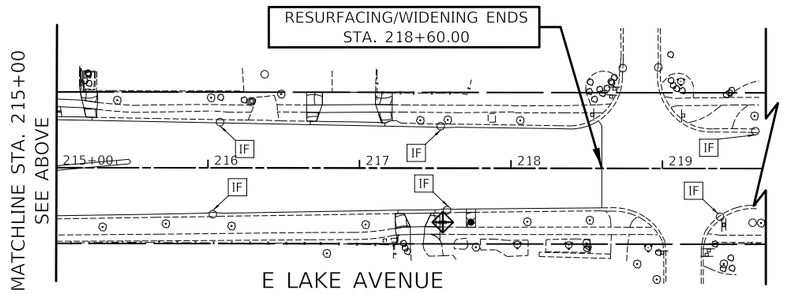
SHEET 2 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	52
		CONTRACT NO. 61K82		
		ILLINOIS		



LEGEND

- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER (UNLESS OTHERWISE NOTED)
- TREE PRUNING / TREE ROOT PRUNING / TEMPORARY FENCE
- IF — INLET FILTER
- ABOVE GRADE INLET PROTECTION (PAID FOR AS 16' PERIMETER EROSION BARRIER, SEE STANDARD 280001)
- TEMPORARY DITCH CHECKS



LEGEND

- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER (UNLESS OTHERWISE NOTED)
- ABOVE GRADE INLET PROTECTION (PAID FOR AS 16' PERIMETER EROSION BARRIER, SEE STANDARD 280001)
- TREE PRUNING / TREE ROOT PRUNING / TEMPORARY FENCE (AT THE DIRECTION OF THE ENGINEER)
- IF — INLET FILTER
- TEMPORARY DITCH CHECKS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, S.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681-sht-EC.dgn

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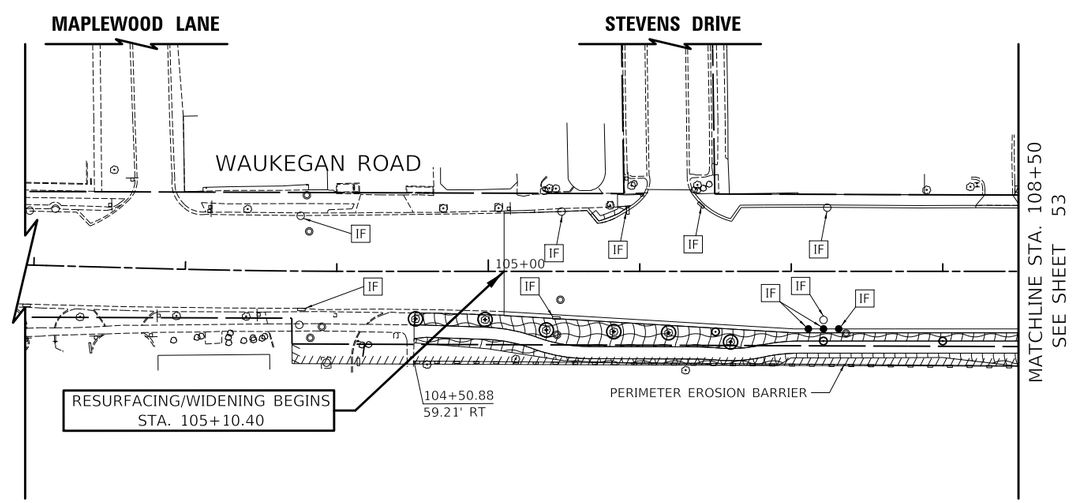
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

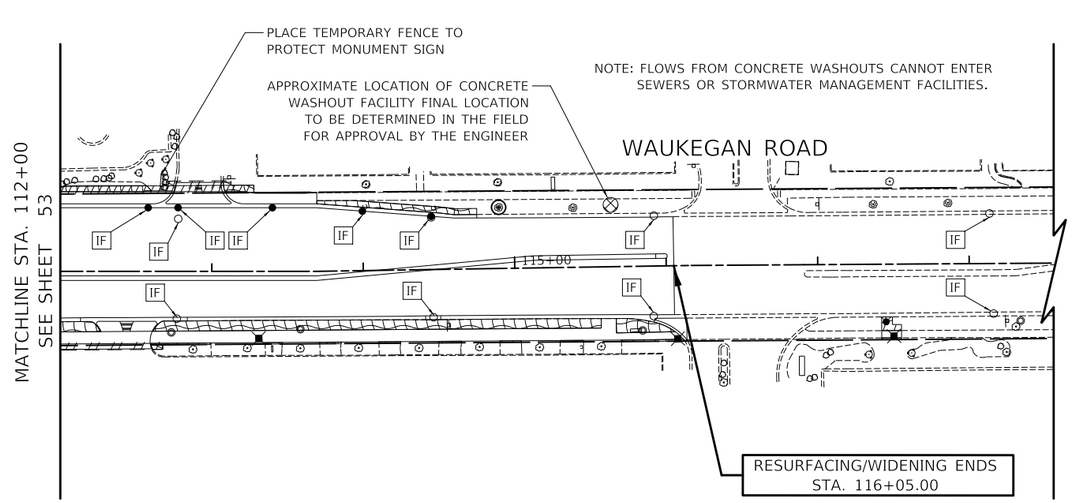
SCALE 0 50 100

EROSION CONTROL PLAN

SHEET 1 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	53
		CONTRACT NO. 61K82		
	ILLINOIS			





LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER (UNLESS OTHERWISE NOTED)
- ABOVE GRADE INLET PROTECTION (PAID FOR AS 16' PERIMETER EROSION BARRIER, SEE STANDARD 280001)
- TREE PRUNING
- TREE ROOT PRUNING
- TEMPORARY FENCE (AT THE DIRECTION OF THE ENGINEER)
- IF — INLET FILTER
- TEMPORARY DITCH CHECKS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-EC.dgn

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CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

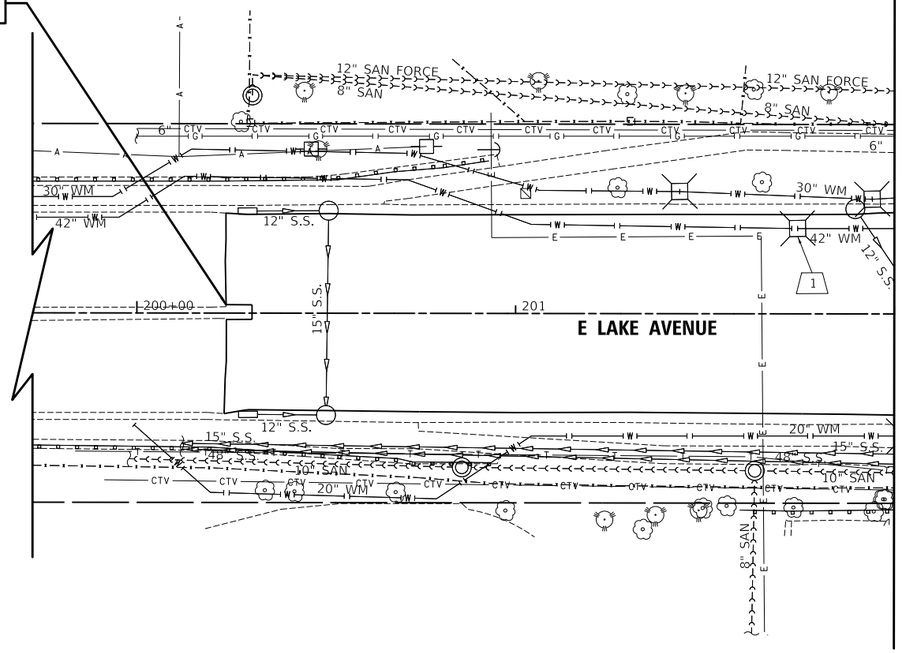
SCALE 0 50 100

EROSION CONTROL PLAN

SHEET 2 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	54
		CONTRACT NO. 61K82		
	ILLINOIS			

RESURFACING/WIDENING BEGINS
STA. 200+23.06



MATCHLINE STA. 202+00
SEE SHEET 56

NOTES:

1) ALL GAS VALVE LOCATIONS ARE SHOWN PER ATLASES RECEIVED FROM NICOR.

2) CLASS A STORM SEWER SHALL BE REINFORCED CONCRETE PIPE.

1 STA. 201+74.4, 22.5' LT FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)

N

PLAN
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PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
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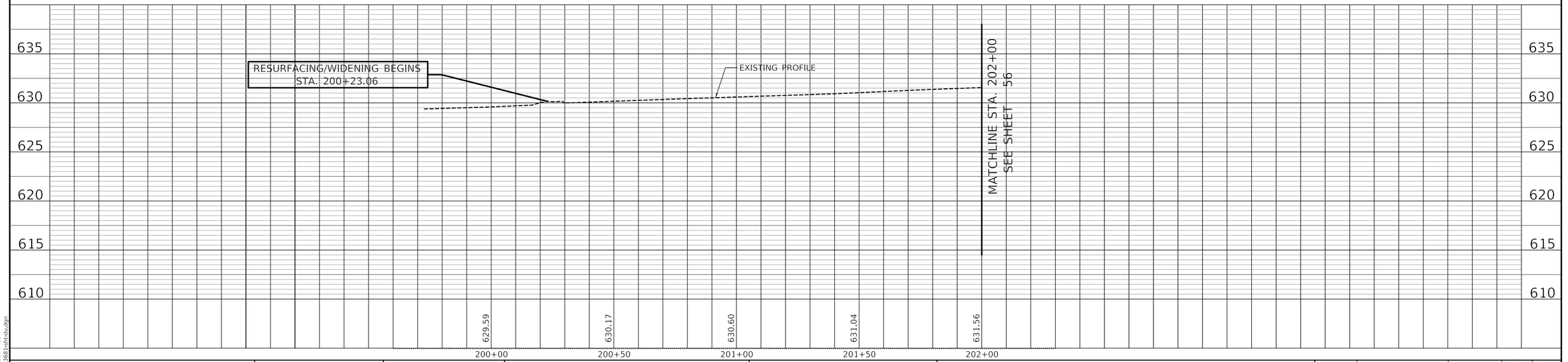
CROSS SEC. CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

E LAKE AVENUE



MODEL: SMODELNAMES
FILE NAME: ...\3683-sht-dsu.dgn

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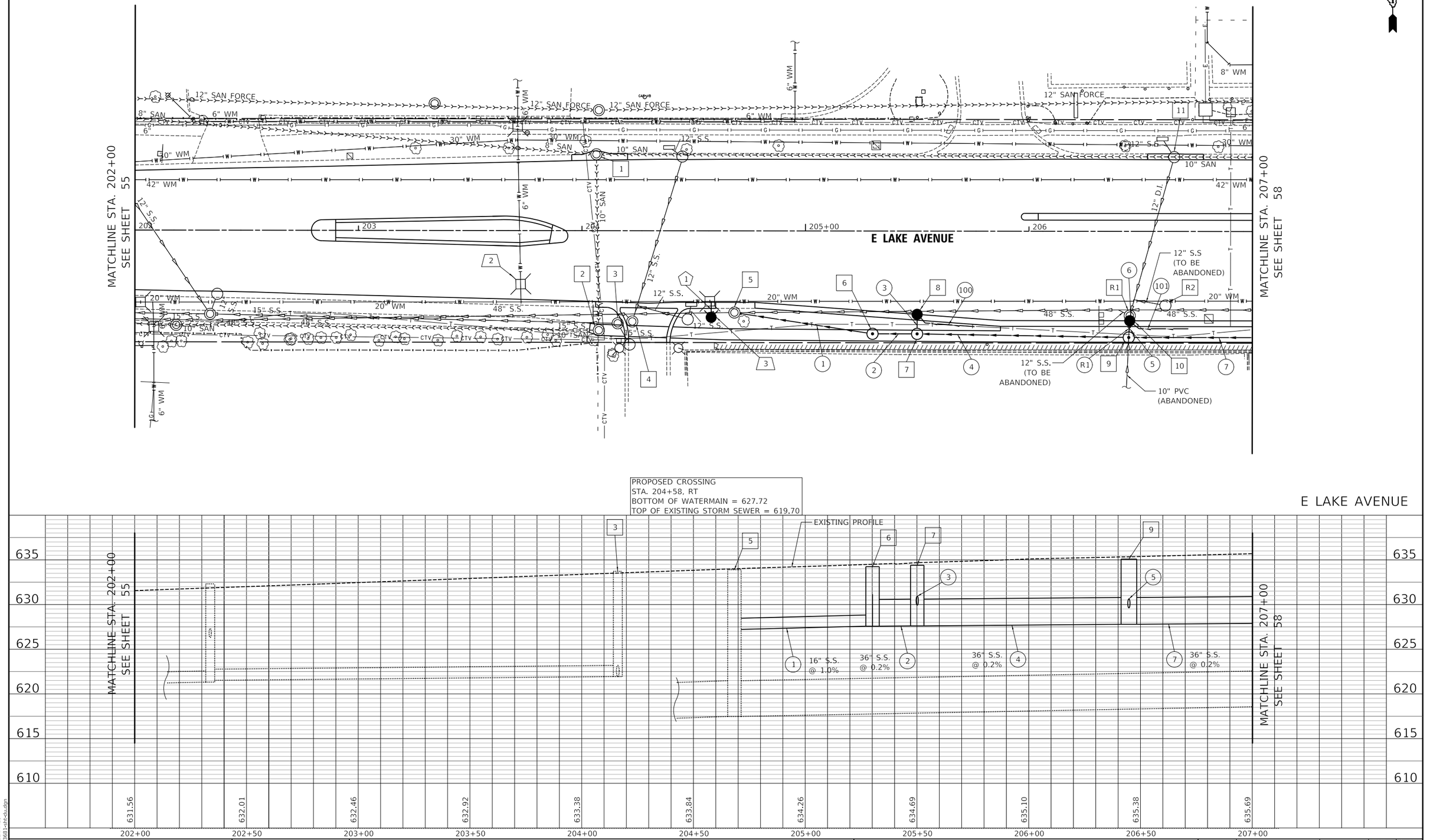
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

DRAINAGE AND UTILITIES

SHEET 1 OF 14 SHEETS STA. 200+23.06 TO STA. 202+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	55
		CONTRACT NO. 61K82		
	ILLINOIS			



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PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681-sht-du.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

DRAINAGE AND UTILITIES

SHEET 2 OF 14 SHEETS STA. 202+00.00 TO STA. 207+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	56
		CONTRACT NO. 61K82		
	ILLINOIS			

2 STA. 203+72.6, 24.0' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

3 STA. 204+57.9, 38.7' RT
FH TO BE REMOVED (REMOVE EXISTING 6" MAIN)
FH WITH AUX VALVE AND VALVE BOX

1 7' - D.I. WATERMAIN, 6"

R1 STA. 206+45.1, 37.7' RT
MH REMOVAL

R2 STA. 206+61.1, 33.2' RT
CB REMOVAL

R1 10' - STORM SEWER REM 10"
T.B.F. = 0.0 CU YD

1 STA. 204+06.4, 31.6' LT
SAN MH TO BE ADJUSTED
EX RIM = 632.76
PR RIM = 632.76

2 STA. 204+07.6, 44.6' RT
SAN MH TO BE ADJUSTED
EX RIM = 633.99
PR RIM = 633.87

3 STA. 204+16.0, 41.5' RT
MH TO BE ADJUSTED
EX RIM = 633.72
PR RIM = 633.44

4 STA. 204+22.6, 40.7' RT
MH TO BE ADJUSTED
EX RIM = 633.24
PR RIM = 633.32

5 STA. 204+68.2, 36.6' RT
MH TO BE RECONSTRUCTED
EX RIM = 633.90
PR RIM = 633.90
INV = 617.48 (EXIST. 48" W&E)
INV = 627.01 (15" SE)

6 STA. 205+30.0, 46.0' RT
MH T-A, 6'-DIA., 2 T-1 F & CL RP
RIM = 634.33
RESTRICTOR INV = 627.58
TOP OF PLATE = 631.15
INV = 627.58 (15" NW)
INV = 627.58 (36" E)

7 STA. 205+50.0, 46.0' RT
MH T-A, 6'-DIA., T1F CL
RIM = 634.40
INV = 627.61 (36" E&W)
INV = 629.93 (12" N)

8 STA. 205+50.0, 37.3' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 633.95
INV = 629.95 (12" S)

9 STA. 206+44.7, 47.5' RT
MH T-A, 7'-DIA., T1F CL
RIM = 635.09
INV = 627.79 (36" E&W)
INV = 629.63 (12" N)

10 STA. 206+45.1, 40.0' RT
CB T-A, 4'-DIA., T24 F&G
(ROTATE STRUCTURE UNDER PAVEMENT)
RIM = 634.64
INV = 629.75 (12" N)
INV = 629.65 (12" S)

11 STA. 206+65.0, 32.1' LT
CB TO BE ADJUSTED
EX RIM = 634.85
PR RIM = 634.85

1 57' - 16" S.S., W.M.R. @ 1.0%
T.B.F. = 16.8 CU YD

2 14' - 36" S.S., CL. A, T-2 @ 0.2%
T.B.F. = 12.9 CU YD

3 2' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 0.6 CU YD

4 89' - 36" S.S., CL. A, T-2 @ 0.2%
T.B.F. = 88.1 CU YD

5 2' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 0.5 CU YD

6 3' - 12" S.S., W.M.R. @ 1.8%
T.B.F. = 0.8 CU YD

7 61' - 36" S.S., CL. A, T-2 @ 0.2%
T.B.F. = 66.4 CU YD

100 25' - PIPE UNDERDRAIN, TYPE 2, 4"

101 25' - PIPE UNDERDRAIN, TYPE 2, 4"

PLAN
SURVEYED ____ DATE
PLOTTED ____ BY
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME ____
NOTE BOOK ____
NO. ____

PROFILE
SURVEYED ____
PLOTTED ____
GRADES CHECKED ____
S.M. NOTED ____
STRUCTURE NOTATNS CHKD
NOTE BOOK ____
NO. ____

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-du.dgn

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CHECKED -	DJK	REVISED -
DATE -	7/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES

SHEET 3 OF 14 SHEETS STA. 202+00.00 TO STA. 207+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	57
		CONTRACT NO. 61K82		
	ILLINOIS			

MATCHLINE STA. 111+25
SEE SHEET 65

MATCHLINE STA. 207+00
SEE SHEET 56

MATCHLINE STA. 212+50
SEE SHEET 60

MATCHLINE STA. 109+25
SEE SHEET 63

E LAKE AVENUE

EX. MWRD SAN MH

8" WM
8" WM
12" SAN FORCE
12" SAN FORCE
10" SAN
12" SAN
30" WM
42" WM
12" SAN
10" SAN
12" SAN
6" SAN
76.5" SAN (MWRD)
76.5" SAN (MWRD)
12" S.S.
12" S.S.
15" S.S.
15" S.S.
8" SAN (PRIVATE)
8" SAN (PRIVATE)
12" S.S.
12" S.S.
12" S.S.
12" S.S.
42" WM
30" WM
20" WM
20" WM
20" WM
20" WM
48" S.S.
48" S.S.
48" S.S.
48" S.S.
36" S.S.
36" S.S.
30" WM
18" S.S (TO BE ABANDONED)
12" WM
12" WM
8" SAN
8" SAN
207
208
209
210+00
211
212
110+00

MWRD NOTES:

1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING MWRD FACILILITES FROM ALL CONSTRUCTION OPERATIONS AND EQUIPMENT.

2) THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.

3) NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.

PROPOSED CROSSING
STA. 209+05, RT
BOTTOM OF WATERMAIN = 630.03
TOP OF EXISTING STORM SEWER = 627.51

4) ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.

5) THE PERMITTEE/CO-PERMITTEE SHALL SUPPORT/PROTECT MWRD STRUCTURES/SEWERS/FACILITIES DURING EXCAVATIONS AND AT CROSSINGS.

6) MWRD MANHOLES SHALL BE LOCATED, PROTECTED AND/OR ADJUSTED TO GRADE, IF NECESSARY. AUTHORIZATION MAY BE OBTAINED BY CONTACTING MR. CEDRIC ROBERTSON, MANAGING ENGINEER AT (708) 588-3896.

7) FOR ANY QUESTIONS REGARDING ACCESS TO MWRD FACILITY OR FIELD LOCATION, PLEASE CONTACT MR. PAUL SOBANSKI AT (708) 588-4080 OR SOBANSKIP@MWRD.ORG.

E LAKE AVENUE

PROFILE

EXISTING PROFILE
NEED INVERTS
EX. MWRD SAN MH TO BE ADJUSTED
12" S.S. @ 1.0%
36" S.S. @ 0.2%
36" S.S. @ 0.2%
36" S.S. @ 0.2%
635.69
635.93
636.14
636.33
636.61
636.68
636.69
636.60
636.64
636.64
636.82
636.93
635
630
625
620
615
610
207+00
207+50
208+00
208+50
209+00
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210+50
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211+50
212+00
212+50

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

DRAINAGE AND UTILITIES

SHEET 4 OF 14 SHEETS STA. 207+00.00 TO STA. 212+50.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	58
		CONTRACT NO. 61K82		
	ILLINOIS			

MODEL: \MODELNAMES
FILE NAME: ...\361-sht-du.dgn

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATNS CHKD		

4 STA. 209+04.6, 59.8' RT
FH TO BE REMOVED (REMOVE EXISTING 6" MAIN)

5 STA. 209+04.6, 70.5' RT
FH WITH AUX VALVE AND VALVE BOX

6 STA. 109+89.4, 18.4' LT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

7 STA. 210+27.6, 26.3' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

8 STA. 210+43.0, 23.0' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

2 40' - D.I. WATERMAIN, 6"

R3 STA. 208+47.7, 37.4' RT
MH REMOVAL

R4 STA. 208+50.8, 33.2' RT
CB REMOVAL

R5 STA. 210+55.1, 35.8' LT
REMOVING CATCH BASIN
TO MAINTAIN FLOW

R6 STA. 211+28.6, 32.3' LT
REMOVING CATCH BASIN
TO MAINTAIN FLOW

R2 2' - STORM SEWER REM 12"
T.B.F. = 0.0 CU YD

12 STA. 207+15.0, 40.0' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.09
INV = 630.65 (12" SW)

13 STA. 207+12.0, 47.5' RT
MH T-A, 7'-DIA., T1F CL
RIM = 635.54
INV = 627.91 (36" W&E)
INV = 630.63 (12" NE)

14 STA. 207+61.0, 32.0' LT
SAN MH TO BE ADJUSTED
EX RIM = 635.32
PR RIM = 635.32

15 STA. 207+80.0, 40.0' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.39
INV = 631.39 (12" SW)

16 STA. 207+77.0, 47.5' RT
MH T-A, 7'-DIA., T1F CL
RIM = 635.84
INV = 628.03 (36" W&E)
INV = 631.37 (12" NE)

17 STA. 208+45.7, 32.1' LT
CB TO BE ADJUSTED
EX RIM = 635.65
PR RIM = 635.65

18 STA. 208+40.0, 47.5' RT
MH T-A, 5'-DIA., T1F CL
RIM = 636.02
INV = 628.15 (36" W)
INV = 628.25 (12" NE)

19 STA. 208+47.7, 40.0' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.58
INV = 628.40 (12" N)
INV = 628.30 (12" SW)

20 STA. 209+23.5, 35.3' LT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

21 STA. 111+00.1, 43.7' LT
SAN MH (MWRD) TO BE ADJUSTED
EX RIM = 636.50
PR RIM = 636.00

22 STA. 109+88.9, 9.6' RT
STRUCTURE NOT FOUND
(SHOWN PER VILLAGE ATLAS)
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

23 STA. 109+65.7, 9.9' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

24 STA. 110+99.0, 44.4' RT
MH TO BE ADJUSTED
EX RIM = 637.03
PR RIM = 636.46

25 STA. 110+93.4, 40.1' RT
SAN MH TO BE ADJUSTED
EX RIM = 636.07
PR RIM = 636.10

26 STA. 210+47.8, 41.1' RT
CB T-C, T24 F&G
RIM = 635.52
INV = 633.39 (12" E)

27 STA. 210+57.8, 40.0' LT
CB T-C, T24 F&G
RIM = 635.44
INV = 633.36 (12" SW)

28 STA. 210+46.6, 20.0' LT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

29 STA. 210+82.8, 36.2' LT
SAN MH TO BE RECONSTRUCTED
EX RIM = 636.55
PR RIM = 635.69

30 STA. 210+28.6, 35.9' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

31 STA. 210+80.5, 30.3' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

32 STA. 211+28.7, 40.0' LT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.77
INV = 633.12 (12" S&E)

33 STA. 211+28.9, 24.9' LT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

34 STA. 211+27.0, 31.9' RT
CB TO BE ADJUSTED
EX RIM = 635.86
PR RIM = 635.85

35 STA. 212+05.0, 40.0' LT
CB T-C, T24 F&G
RIM = 636.15
INV = 633.48 (12" W)

8 2' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 0.4 CU YD

9 2' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 0.3 CU YD

10 56' - 36" S.S., CL. A, T-2 @ 0.2%
T.B.F. = 65.1 CU YD

11 58' - 36" S.S., CL. A, T-2 @ 0.2%
T.B.F. = 68.9 CU YD

12 4' - 12" S.S., CL. A, T-2 @ 1.8%
T.B.F. = 2.8 CU YD

13 5' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 3.6 CU YD

14 171' - CURED-IN-PLACE PIPE LINER, 15"

15 8' - 12" S.S., CL. A, T-1 @ 1.0%
T.B.F. = 0.0 CU YD

16 7' - 12" S.S., W.M.R. @ 1.0%
T.B.F. = 0.0 CU YD

17 8' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 1.1 CU YD

18 73' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 9.7 CU YD

102 25' - PIPE UNDERDRAIN, TYPE 2, 4"

103 25' - PIPE UNDERDRAIN, TYPE 2, 4"

104 25' - PIPE UNDERDRAIN, TYPE 2, 4"

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Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
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DRAWN - JFG	REVISED -	
CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

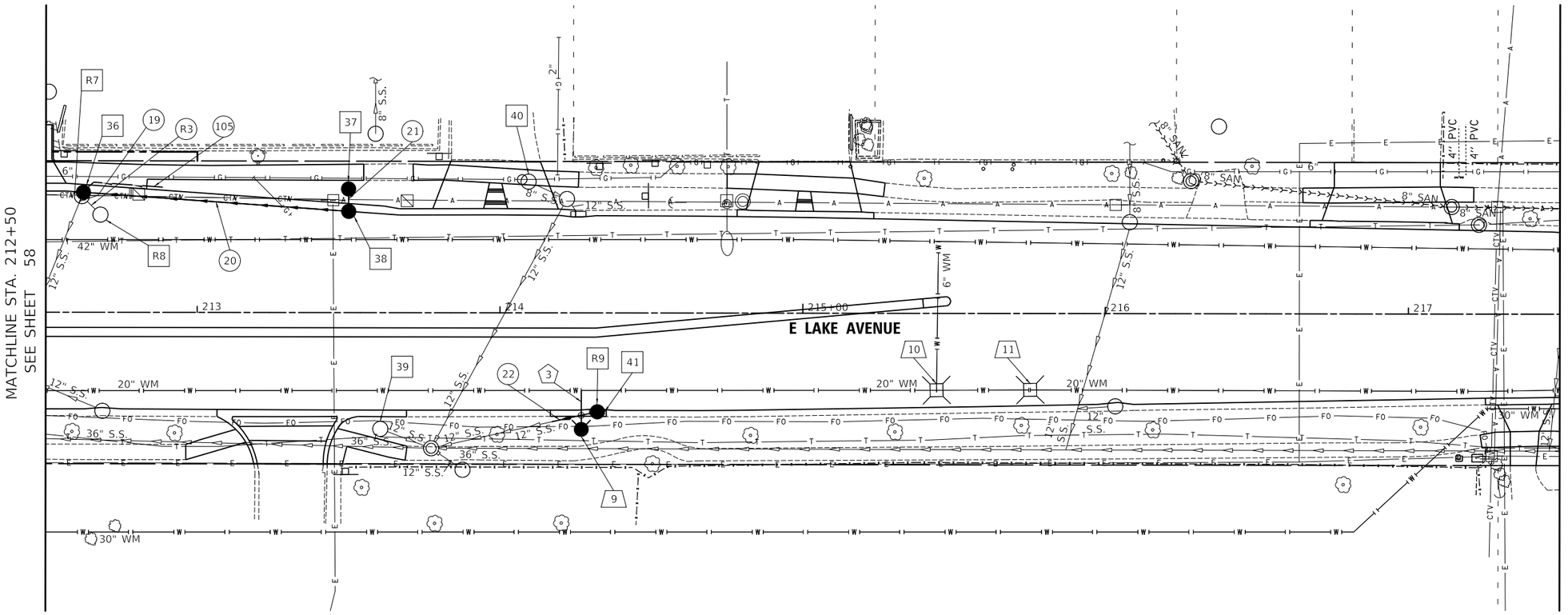
DRAINAGE AND UTILITIES

SHEET 5 OF 14 SHEETS STA. 207+00.00 TO STA. 212+50.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	59
		CONTRACT NO. 61K82		
	ILLINOIS			

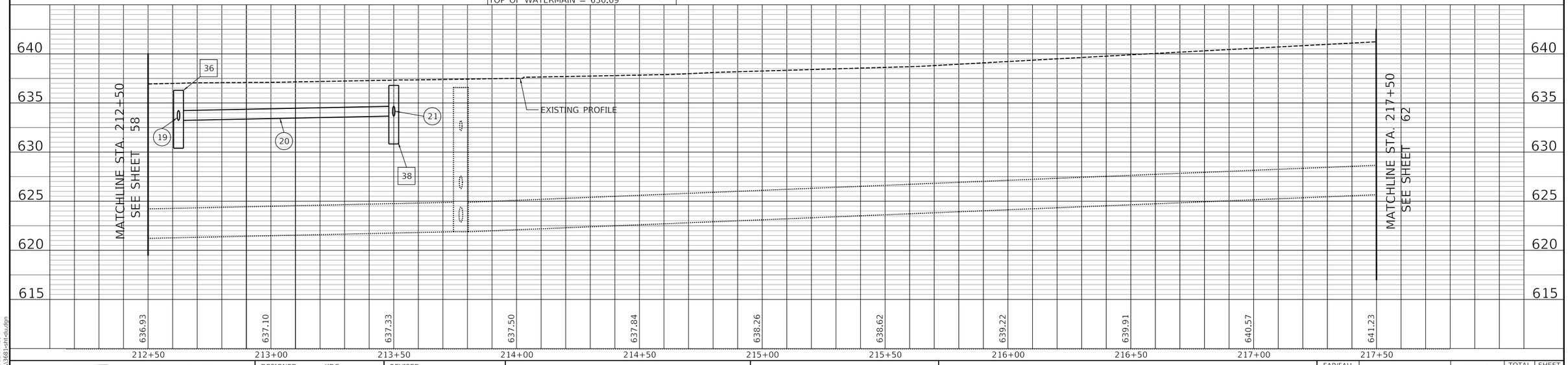
MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-dtu.dgn

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY



PROFILE
SURVEYED
PLOTTED
CHANNEL CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
DATE
BY

PROPOSED CROSSING
STA. 214+27, RT
BOTTOM OF STORM SEWER = 631.59
TOP OF WATERMAIN = 630.09



MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-du.dgn

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CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

DRAINAGE AND UTILITIES

SHEET 6 OF 14 SHEETS STA. 212+50.00 TO STA. 217+50.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	60
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN	BY	DATE
NOTE BOOK NO._____	SURVEYED _____ PLOTTED _____ ALIGNMENT CHECKED RT. OF WAY CHECKED CADD FILE NAME _____	

PROFILE	BY	DATE
NOTE BOOK NO._____	SURVEYED _____ PLOTTED _____ GRADE CHECKED E.M. NOTED STRUCTURE NOTATNS CHKD	

9 STA. 214+26.9, 38.5' RT
FH TO BE REMOVED (REMOVE EXISTING 6" MAIN)
FH WITH AUX VALVE AND VALVE BOX

10 STA. 215+44.2, 25.4' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

11 STA. 215+75.1, 25.2' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

3 13' - D.I. WATERMAIN, 6"

R7 STA. 212+61.9, 38.4' LT
CB REMOVAL

R8 STA. 212+68.0, 32.3' LT
CB REMOVAL

R9 STA. 214+32.1, 32.6' RT
INLET REMOVAL

R3 5' - STORM SEWER REM 12"
T.B.F. = 0.0 CU YD

36 STA. 212+62.4, 39.6' LT
CB T-A, 4'-DIA., T24 F&G
RIM = 636.29
INV = 633.23 (12" SW&E)

37 STA. 213+50.0, 40.9' LT
CB T-C, T8G
RIM = 636.49
INV = 633.68 (12" S)

38 STA. 213+50.0, 33.4' LT
CB T-A, 4'-DIA., T24 F&G
RIM = 636.80
INV = 633.66 (12" W&N)

39 STA. 213+60.5, 38.4' RT
CB TO BE ADJUSTED
EX RIM = 636.14
PR RIM = 636.33

40 STA. 214+09.4, 43.3' LT
CB TO BE ADJUSTED
EX RIM = 636.47
PR RIM = 636.52

41 STA. 214+32.1, 32.6' RT
CB T-C, T24 F&G
RIM = 637.00
INV = 631.80 (12" SW)

19 3' - 12" S.S., W.M.R. @ 0.5%
T.B.F. = 0.4 CU YD

20 84' - 12" S.S., W.M.R. @ 0.5%
T.B.F. = 11.1 CU YD

21 3' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 0.4 CU YD

22 14' - STORM SEWER REM 12"
14' - 12" S.S., W.M.R. @ 0.75%
(MATCH EXISTING INVERTS)
T.B.F. = 3.6 CU YD

105 25' - PIPE UNDERDRAIN, TYPE 2, 4"

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-du.dgn

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CHECKED -	DJK	REVISED -
DATE -	7/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

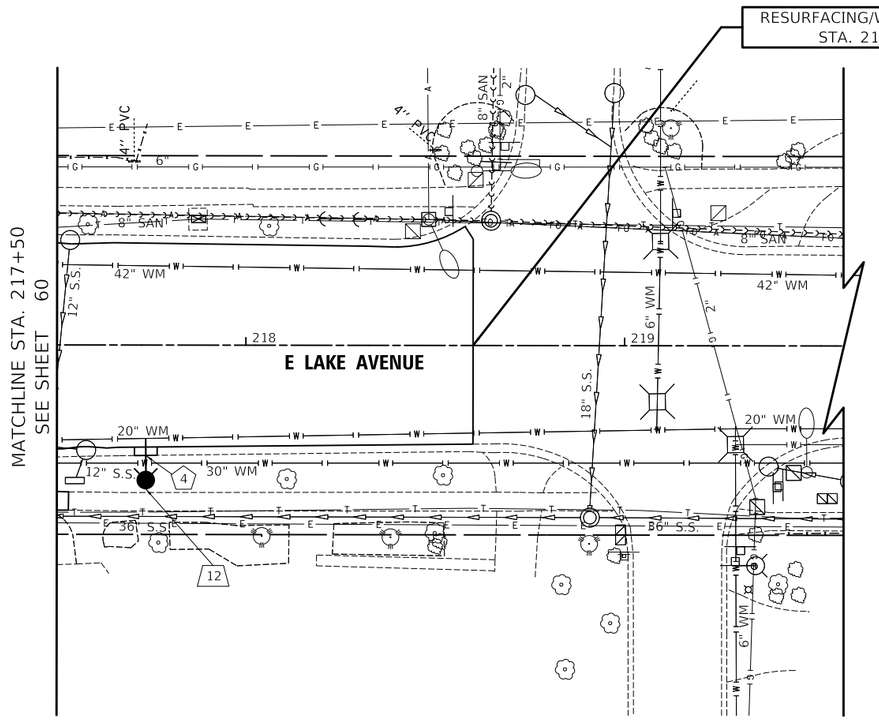
DRAINAGE AND UTILITIES

SHEET 7 OF 14 SHEETS STA. 217+50.00 TO STA. 215+42.42

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	61
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

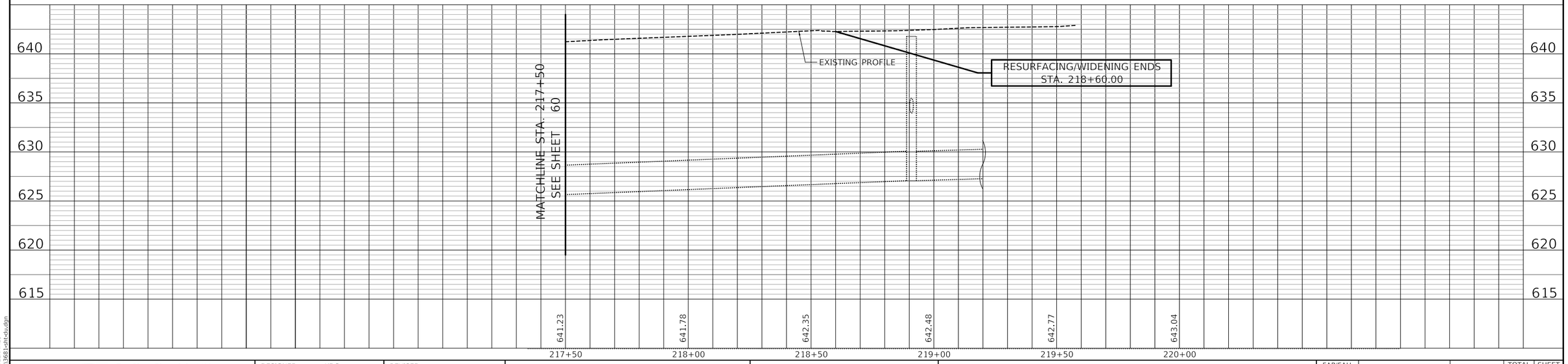
PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE



12 STA. 217+73.6, 35.6' RT
FH TO BE REMOVED (REMOVE EXISTING 6" MAIN)
FH WITH AUX VALVE AND VALVE BOX

4 11' - D.I. WATERMAIN, 6"

E LAKE AVENUE



MODEL: SMODELNAMES
FILE NAME: ...\3681sht-du.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

DRAINAGE AND UTILITIES

SHEET 8 OF 14 SHEETS STA. 217+50.00 TO STA. 218+60.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	62
		CONTRACT NO. 61K82		
		ILLINOIS		

LEGEND

A — DOMESTIC WATER SERVICE BOX TO BE ADJUSTED

RESURFACING/WIDENING BEGINS
STA. 105+10.40

EX. MWRD SAN MH

GAS METER VAULT TO BE REBUILT
(PAID FOR AS REBUILD EXISTING HANDHOLE)

WAUKEGAN ROAD

MATCHLINE STA. 109+25
SEE SHEET 58

SEE NOTE 1

NOTE:
1) THE CONTRACTOR SHALL POTHOLE THE EXISTING STORM SEWER TO DETERMINE THE EXISTING INVERT ELEVATION PRIOR TO ORDERING THIS STRUCTURE. THE INVERT ELEVATIONS SHOULD BE ADJUSTED TO MEET EXISTING CONDITIONS. THIS WORK SHALL BE PAID FOR AS "EXPLORATION TRENCH, SPECIAL".

WAUKEGAN ROAD

RESURFACING/WIDENING BEGINS
STA. 105+10.40

EXISTING PROFILE

15" S.S. @ 0.5%

15" S.S. @ 0.5%

EX. MWRD SAN MH TO BE ADJUSTED

EX. 76.5" SAN (MWRD)

640 635 630 625 620 615 610

636.24 636.41 636.53 636.52 636.56 636.62 636.71 636.73 636.78 636.77 636.88

104+00 104+50 105+00 105+50 106+00 106+50 107+00 107+50 108+00 108+50 109+00

PLAN — SURVEYED / PLOTTED / AUGMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NO/ATN'S CHKD / NOTE BOOK / NO. / BY / DATE

MODEL: $MODELNAME$
FILE NAME: ...\36681-sht-dtl-dtu.dgn

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DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

DRAINAGE AND UTILITIES

SHEET 9 OF 14 SHEETS STA. 105+10.42 TO STA. 109+25.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	63
		CONTRACT NO. 61K82		
	ILLINOIS			

13 STA. 106+21.1, 18.6' LT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

14 STA. 106+28.8, 25.0' LT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

15 STA. 109+06.2, 21.6' LT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

R10 STA. 107+21.3, 32.1' RT
REMOVING CATCH BASIN
TO MAINTAIN FLOW

R11 STA. 107+36.2, 41.0' RT
MH REMOVAL

R12 STA. 108+99.0, 32.5' RT
REMOVING CATCH BASIN
TO MAINTAIN FLOW

R13 STA. 108+99.1, 41.8' LT
CB REMOVAL

R4 86' - STORM SEWER REM 15"
T.B.F. = 61.9 CU YD

R5 7' - STORM SEWER REM 12"
T.B.F. = 0.0 CU YD

R6 64' - STORM SEWER REM 15"
T.B.F. = 51.6 CU YD

R7 19' - STORM SEWER REM 12"
T.B.F. = 0.0 CU YD

42 STA. 105+93.6, 45.3' LT
SAN MH (MWRD) TO BE ADJUSTED
EX RIM = 636.34
PR RIM = 636.16

43 STA. 106+06.1, 43.3' LT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

44 STA. 106+40.44, 43.7' LT
CB TO BE ADJUSTED
EX RIM = 635.75
PR RIM = 635.85

45 STA. 105+45.0, 28.6' RT
INLET TO BE ADJUSTED
EX RIM = 635.85
PR RIM = 635.83

46 STA. 105+47.6, 18.8' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

47 STA. 105+45.4, 41.9' RT
MH TO BE ADJUSTED
EX RIM = 636.32
PR RIM = 636.42

48 STA. 106+03.4, 14.5' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

49 STA. 106+50.0, 39.9' RT
MH T-A, 4'-DIA., T1F CL
RIM = 636.47
INV = 630.37 (15" S&N)
SEE NOTE 1 ON SHEET 63

50 STA. 107+11.3, 38.0' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.68
INV = 631.68 (12" N)

51 STA. 107+21.3, 38.0' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.63
INV = 631.62 (12" S&N)
INV = 630.17 (12" W)
INV = 630.07 (12" E)

52 STA. 107+31.3, 38.0' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.68
INV = 631.68 (12" S)

53 STA. 107+21.3, 46.0' RT
MH T-A, 4'-DIA., T1F CL
RIM = 636.23
(ROTATE FRAME OUT OF SIDEWALK)
INV = 630.03 (15" S&N)
INV = 630.05 (12" W)

54 STA. 107+23.9, 42.3' LT
CB TO BE ADJUSTED
EX RIM = 635.48
PR RIM = 635.71
INV = 633.23 (12" E)

55 STA. 107+93.1, 39.8' LT
SANITARY MH TO BE ADJUSTED
EX RIM = 636.03
PR RIM = 635.99

56 STA. 108+15.2, 13.6' RT
FRAMES AND LIDS TO BE
ADJUSTED (SPECIAL)

57 STA. 108+00.0, 46.0' RT
MH T-A, 4'-DIA., T1F CL
RIM = 636.50
INV = 629.66 (15" S)
INV = 629.56 (15" N)
SEE NOTE 1 ON SHEET 63

58 STA. 108+99.1, 41.8' LT
CB T-C, T24 F&G
RIM = 635.82
INV = 633.69 (8" E)

59 STA. 108+88.6, 38.0' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.80
INV = 631.80 (12" N)

60 STA. 108+98.6, 38.0' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.78
INV = 630.58 (12" W)
INV = 628.90 (12" E)
INV = 631.84 (12" N)
INV = 631.74 (12" S)

61 STA. 109+08.6, 38.0' RT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.90
INV = 631.90 (12" S)

23 68' - 15" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 53.0 CU YD

24 6' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 1.2 CU YD

25 6' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 0.8 CU YD

26 6' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 0.8 CU YD

27 2' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 1.5 CU YD

28 75' - 15" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 29.9 CU YD

29 8' - 8" S.S., W.M.R. @ 1.0%
T.B.F. = 1.9 CU YD

30 6' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 0.8 CU YD

31 6' - 12" S.S., CL. A, T-1 @ 1.0%
T.B.F. = 0.8 CU YD

106 25' - PIPE UNDERDRAIN, TYPE 2, 4"

107 25' - PIPE UNDERDRAIN, TYPE 2, 4"

108 25' - PIPE UNDERDRAIN, TYPE 2, 4"

109 25' - PIPE UNDERDRAIN, TYPE 2, 4"

PLAN
SURVEYED ____ BY
PLOTTED ____ DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME ____
NOTE BOOK ____
NO. ____

PROFILE
SURVEYED ____ BY
PLOTTED ____ DATE
GRADES CHECKED ____
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK ____
NO. ____

MODEL: SMODELNAME
FILE NAME: ...\3681sht-dsu.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES

SHEET 10 OF 14 SHEETS STA. 105+10.42 TO STA. 109+25.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	64
		CONTRACT NO. 61K82		
	ILLINOIS			

NOTE 1: PRIOR TO THE START OF UNDERGROUND CONSTRUCTION, THE CONTRACTOR SHALL DETERMINE THE CROSSING ELEVATIONS OF THE EXISTING WATERMAIN AND 6" STORM SEWER. A QUANTITY OF "EXPLORATION TRENCH, SPECIAL" HAS BEEN INCLUDED TO PERFORM THIS WORK. IF IT IS DETERMINED THAT THE STORM SEWER CROSSES ABOVE THE WATERMAIN WITH LESS THAN 18" CLEARANCE, THE WATERMAIN SHALL BE LOWERED TO PROVIDE THE MINIMUM 18" CLEARANCE FOR 10' ON BOTH SIDES OF THE STORM SEWER PRIOR TO LINING OF THE WATERMAIN. THIS WORK WILL BE PAID FOR AS "ADJUSTING WATER MAIN, 10"".

MATCHLINE STA. 111+25
SEE SHEET 58

MATCHLINE STA. 117+00
SEE SHEET 67

RESURFACING/WIDENING ENDS
STA. 116+05.00

WAUKEGAN ROAD

REPLACE EXISTING TEE (INCLUDED IN COST OF CIPP, 10")

SEE NOTE NO. 1

REPLACE EXISTING TEE (INCLUDED IN COST OF CIPP, 10")

REPLACE EXISTING TEE (INCLUDED IN COST OF CIPP, 10")

REPLACE EXISTING TEE (INCLUDED IN COST OF CIPP, 10")

PROPOSED CROSSING
STA. 113+30, LT
BOTTOM OF STORM SEWER = 632.93
TOP OF EXISTING WATERMAIN = 628.12

PROPOSED CROSSING
STA. 115+84, RT
BOTTOM OF EXISTING STORM SEWER = 633.20
TOP OF EXISTING WATERMAIN = 632.90

PROPOSED CROSSING
STA. 116+03, RT
BOTTOM OF EXISTING WATERMAIN = 632.07
TOP OF EXISTING SANITARY SEWER = 624.80

EXISTING PROFILE

EX. 76.5" SAN (MWRD)

640 635 630 625 620 615 610

636.99 637.06 637.02 637.16 637.71 637.48 637.76 638.03 638.36 638.67 638.87 639.07

111+50 112+00 112+50 113+00 113+50 114+00 114+50 115+00 115+50 116+00 116+50 117+00

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...13681-sht-du.dgn

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DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

DRAINAGE AND UTILITIES

SHEET 11 OF 14 SHEETS | STA. 111+25.00 TO STA. 117+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	65
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
E.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

16 STA. 111+60.4, 46.1' RT
VV TO BE ADJUSTED
EX RIM = 637.41
PR RIM = 637.47

17 STA. 111+96.2, 51.2' RT
WATER SERVICE RECONNECTION

18 STA. 113+31.0, 44.3' RT
EX RIM = 637.55
PR RIM = 637.58
REMOVE EXISTING WATER VALVE
VV TO BE REMOVED
VV T-A, 5' DIA., T1F CL
WATER VALVE 8"

19 STA. 114+40.5, 37.1' RT
FH TO BE ADJUSTED

20 STA. 116+06.9, 48.2' RT
EX RIM = 638.60
PR RIM = 638.55
REMOVE EXISTING WATER VALVE
VV TO BE REMOVED
VV T-A, 5' DIA., T1F CL
WATER VALVE 8"

5 590' - CURED-IN-PLACE PIPE (CIPP), 10"

R14 STA. 111+40.5, 34.0' LT
CB REMOVAL

R15 STA. 112+77.8, 34.6' LT
CB REMOVAL

R16 STA. 114+45.4, 35.1' LT
CB REMOVAL

R8 65' - STORM SEWER REM 12"
T.B.F. = 0.0 CU YD

R9 65' - STORM SEWER REM 12"
T.B.F. = 0.0 CU YD

62 STA. 111+30.5, 42.0' LT
CB T-C, T24 F&G
RIM = 635.84
INV = 632.84 (12" N)

63 STA. 111+40.5, 42.0' LT
CB T-A, 4'-DIA., T24 F&G
RIM = 635.80
INV = 632.80 (12" S)
INV = 632.80 (12" N)
INV = 632.70 (12" E)

64 STA. 111+50.5, 42.0' LT
CB T-C, T24 F&G
RIM = 635.91
INV = 632.84 (12" S)

65 STA. 111+39.6, 31.2' RT
CB TO BE RECONSTRUCTED
EX RIM = 636.13
PR RIM = 636.13
INV = 632.34 (12" W)

66 STA. 112+58.0, 42.0 LT
CB T-A, 4'-DIA., T24 F&G
RIM = 636.28
INV = 632.84 (12" N)

67 STA. 112+77.8, 42.0' LT
CB T-A, 4'-DIA., T24 F&G
RIM = 636.15
INV = 632.66 (12" E)
INV = 632.77 (12" N&S)

68 STA. 113+40.0, 42.0' LT
CB T-A, 4'-DIA., T24 F&G
RIM = 636.43
INV = 633.05 (12" N&S)

69 STA. 112+73.2, 40.3' RT
MH TO BE ADJUSTED
EX RIM = 636.95
PR RIM = 637.17

70 STA. 112+77.0, 30.3' RT
CB TO BE ADJUSTED
EX RIM = 636.46
PR RIM = 636.46
INV = 632.30 (EX 12" W)
INV = 631.28 (EX 12" SE)

71 STA. 113+58.5, 38.2' RT
SAN MH TO BE ADJUSTED
EX RIM = 637.55
PR RIM = 637.65

72 STA. 114+00.0, 39.3' LT
CB T-C, T24 F&G
RIM = 636.83
INV = 633.35 (12" S)

73 STA. 114+45.4, 35.1' LT
CB T-C, T24 F&G
RIM = 637.05
INV = 634.43 (12" E)

74 STA. 116+02.9, 40.0' RT
MH TO BE ADJUSTED
EX RIM = 638.11
PR RIM = 638.23

14 SEE SHEET NO. 57

32 7' - 12" S.S., CL. A, T-1 @ 0.50%
T.B.F. = 1.0 CU YD

33 7' - 12" S.S., CL. A, T-1 @ 0.50%
T.B.F. = 1.0 CU YD

34 72' - 12" S.S., CL. A, T-2 @ 0.50%
T.B.F. = 14.8 CU YD

35 16' - 12" S.S., CL. A, T-1 @ 0.50%
T.B.F. = 2.2 CU YD

36 58' - 12" S.S., W.M.R. @ 0.50%
T.B.F. = 7.7 CU YD

37 72' - 12" S.S., CL. A, T-2 @ 0.50%
T.B.F. = 9.6 CU YD

38 307' - CURED-IN-PLACE PIPE LINER, 15"

39 56' - 12" S.S., CL. A, T-1 @ 0.50%
T.B.F. = 7.4 CU YD

40 2' - 12" S.S., CL. A, T-1 @ 0.50%
T.B.F. = 0.0 CU YD

110 25' - PIPE UNDERDRAIN, TYPE 2, 4"

111 25' - PIPE UNDERDRAIN, TYPE 2, 4"

112 25' - PIPE UNDERDRAIN, TYPE 2, 4"

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-du.dgn

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

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DRAWN - JFG	REVISED -	
CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES

SHEET 12 OF 14 SHEETS STA. 111+25.00 TO STA. 116+05.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	66
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NO(TA)%S CHKD
NOTE BOOK
NO.
DATE
BY

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-du.dgn

MATCHLINE STA. 117+00
SEE SHEET 65

EX. MWRD
SAN MH TO REMAIN

8" WM
6"
76.5" SAN (MWRD)
8" SAN
2" G
X" S.S.
24" S.S.
117
118
119
120+00
WAUKEGAN ROAD
12" S.S.
15" S.S.
10" SAN
10" WM
8" SAN
AVS 8"
F0
E
T
G
CTV

21
6
22
5

SIDEWALK REMOVAL
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"

10" X 6" TEE
(INCLUDED IN COST OF CIPP, 10")

PROPOSED CROSSING
STA. 117+45, 40.6' RT
BOTTOM OF WATER MAIN = 633.37
TOP OF SANITARY SEWER = 625.90

21 STA. 117+45.0, 38.0' RT
FH WITH AUX VALVE AND VALVE BOX

22 STA. 117+50.0, 47.5' RT
VV T-A, 5' DIA., T1F CL
RIM = 638.95
WATER VALVE 10"

5 SEE SHEET 65

6 10' - D.I. WATERMAIN, 6"

WAUKEGAN ROAD

640
635
630
625
620
615
610

EX. MWRD
SAN MH TO REMAIN

MATCHLINE STA. 117+00
SEE SHEET 65

EX. 76.5" SAN (MWRD)

639.07
639.12
638.79
638.67
638.46
638.07
637.90
637.76

117+00
117+50
118+00
118+50
119+00
119+50
120+00
120+50

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DRAWN - JFG	REVISED -	
CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

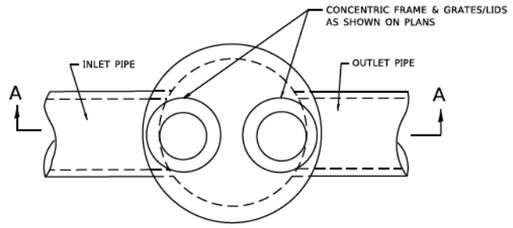
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

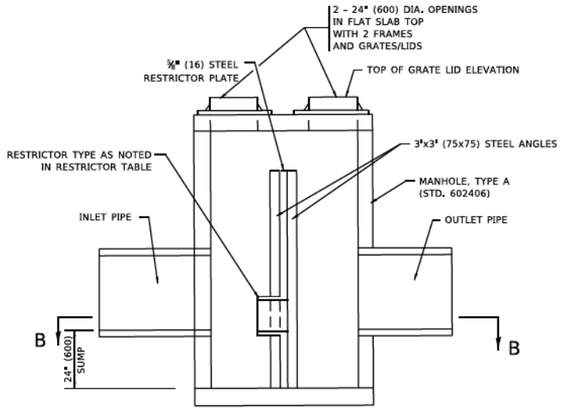
DRAINAGE AND UTILITIES

SHEET 13 OF 14 SHEETS STA. 117+00.00 TO STA. 120+00.00

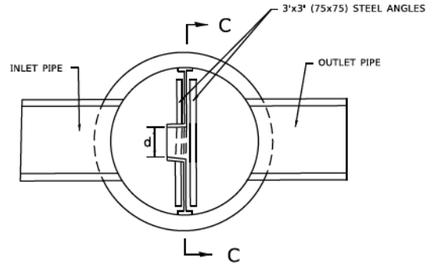
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	67
		CONTRACT NO. 61K82		
		ILLINOIS		



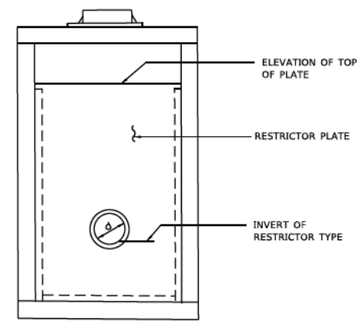
PLAN



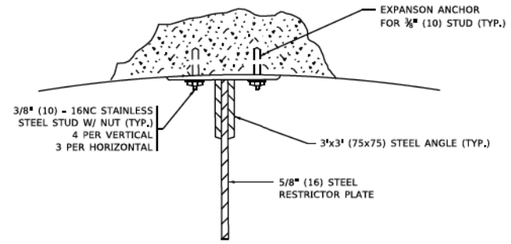
SECTION A–A



SECTION B–B



SECTION C–C



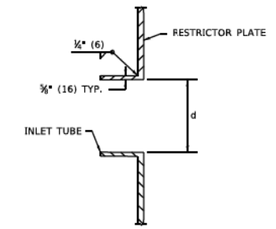
ANGLE FASTENER DETAIL

NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

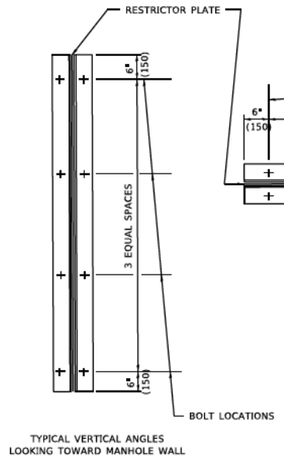
BASIS OF PAYMENT:

1. TO BE PAID FOR AS "MANHOLES ,TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.

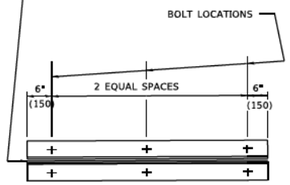


INLET TUBE DETAIL

STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
205+30.0 42.0' RT	6'	2 T1F & CL	SHARP EDGED	7	627.58	631.15



TYPICAL VERTICAL ANGLES
LOOKING TOWARD MANHOLE WALL



TYPICAL HORIZONTAL
ANGLES LOOKING TOWARD
BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.
4. PROPOSED RESTRICTOR IS PROVIDED PER IDOT REQUIREMENTS ONLY.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: ½ TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-½ DIA.	LENGTH: 2-½ DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

STEEL ANGLE BOLTING DETAILS

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

MODEL: Default
FILE NAME: pw:\\Bidview.bentley.com:PWIDOT\Documents\IDOT Office\District 1\Projects\District 1 Sheets\d1x34x\CADD\xref\CADD sheets\std12.dgn

USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94	
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 100.0000 ' / In.	CHECKED -	REVISED - M. GOMEZ 01-08-01	
PLOT DATE = 11/18/2022	DATE - 09-09-94	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD600-04	(BD-12)	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

PLAN — SURVEYED | PLOTTED | DRAWN | CHECKED | NOTE BOOK | NO. | BY | DATE | AUTHORITY CHECKED | RT. OF WAY CHECKED | CADD FILE NAME

PROFILE — SURVEYED | PLOTTED | DRAWN | CHECKED | E.M. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

MODEL: $MODELNAME$
FILE NAME: ...\3683-sht-du.dgn

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DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES

SHEET 14 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	68
		CONTRACT NO. 61K82		
	ILLINOIS			

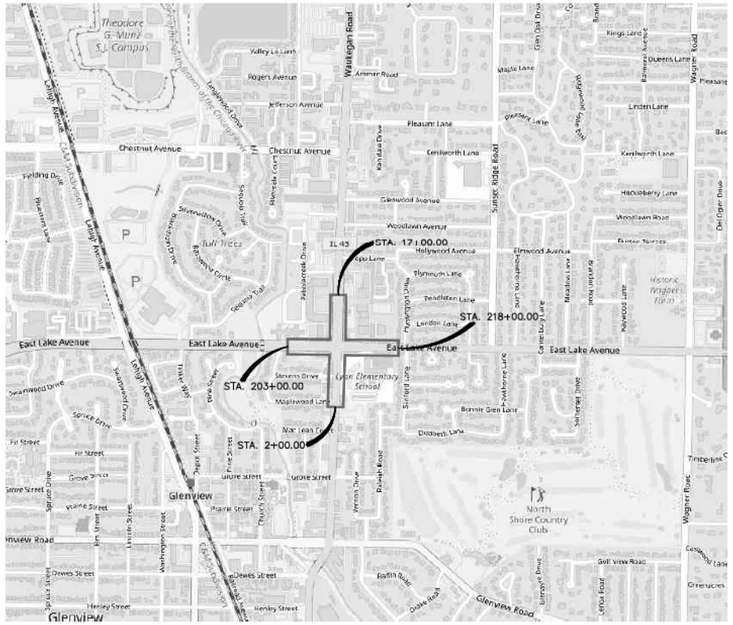
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292	22-00206-00-CH	COOK	5	1
	ILLINOIS			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

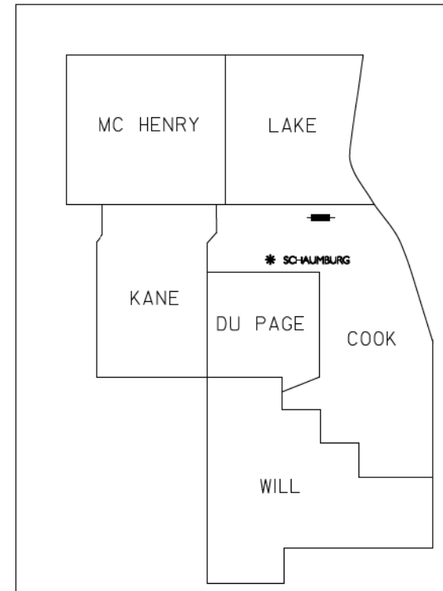
ROUTE: F.A.U. 1292 (LAKE AVENUE)
SECTION: 22-00206-00-CH
COUNTY: COOK
LIMITS: 184+68.89 - 222+47.82
JOB NO.: R-90-004-23

FOR INFORMATION ONLY

PARCEL NUMBER	OWNER	SHEET NO.	PROPERTY ACQUIRED BY
01L0001, 01L0001T.E.–A, 01L0001T.E.–B, 01L0001T.E.–C	GLEN OAK GLENVIEW, LLC, A DELAWARE LIMITED LIABILITY COMPANY	2	
01L0002P.E.–A, 01L0002P.E.–B, 01L0002T.E.	1701 LAKE LLC	4	
01L0003P.E.–A, 01L0003P.E.–B	LAKE & WAUKEGAN RW LLC, AN ILLINOIS LIMITED LIABILTY COMPANY AS TO AN UNDIVIDED 50% INTEREST AND LAKE & WAUKEGAN KF LLC, AN ILLINOIS LIMITED LIABILITY COMPANY AS TO AN UNDIVIDED 50% INTEREST	5	
01L0004P.E., 01L0004T.E.	LW GLENVIEW LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	5	



LOCATION MAP



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SHEET 1 OF 5 SHEETS
IDOT USE ONLY

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\11-ROW Plans\3683-sht-splat.dgn

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DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

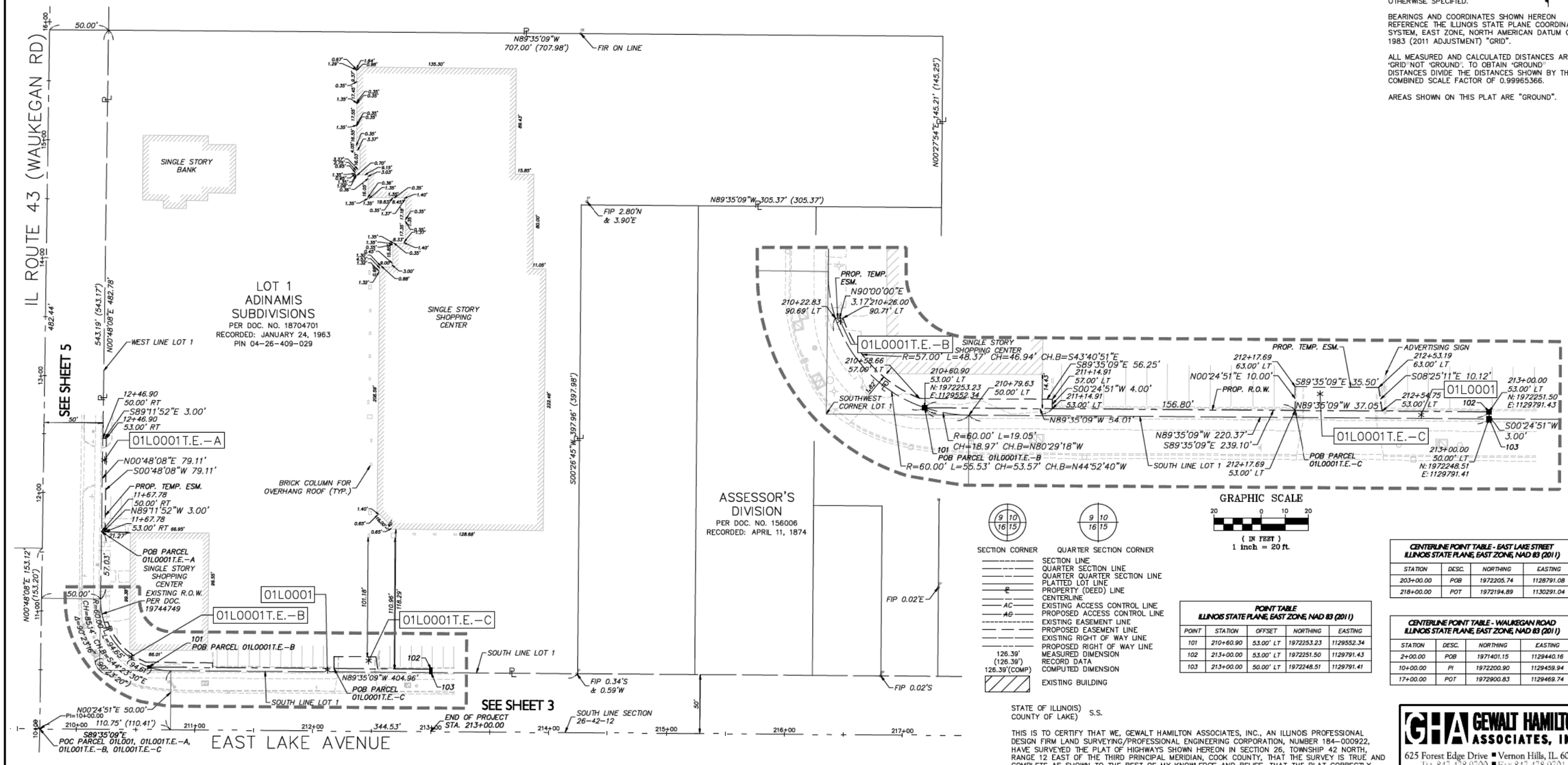
PLAT OF HIGHWAYS

SHEET 1 OF 5 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	69
		CONTRACT NO. 61K82		
	ILLINOIS			

THAT PART OF THE SE QUARTER OF SEC., 26 TWP. 42 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS

FOR INFORMATION ONLY



ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN "GROUND" DISTANCES DIVIDE THE DISTANCES SHOWN BY THE COMBINED SCALE FACTOR OF 0.99965366.

AREAS SHOWN ON THIS PLAT ARE "GROUND".

- IRON PIPE OR ROD FOUND
- SET 5/8"X 30" REBAR
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- FOUND "MAG" NAIL
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- ■M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.

NO.	BY	DATE	REVISION

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	REMAINDER AREA ACRES	PERM. AREA ACRES	TEMP. EASEMENT AREA ACRES	PERMANENT INDEX NUMBER
01L0001	6.029	0.016	6.013	---	---	04-26-409-029
01L0001T.E.-A		---		---	0.005 AC (237 SF)	04-26-409-029
01L0001T.E.-B		---		---	0.009 AC (376 SF)	04-26-409-029
01L0001T.E.-C		---		---	0.008 AC (363 SF)	04-26-409-029

SECTION CORNER / QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- CENTERLINE
- AC EXISTING ACCESS CONTROL LINE
- AC PROPOSED ACCESS CONTROL LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- 126.39' MEASURED DIMENSION
- (126.39') RECORD DATA
- 126.39'(COMP) COMPUTED DIMENSION
- EXISTING BUILDING

POINT TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT	STATION	OFFSET	NORTHING	EASTING
101	210+60.90	53.00' LT	1972253.23	1129552.34
102	213+00.00	53.00' LT	1972251.50	1129791.43
103	213+00.00	50.00' LT	1972248.51	1129791.41

CENTERLINE POINT TABLE - EAST LAKE STREET
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

STATION	DESC.	NORTHING	EASTING
203+00.00	POB	1972205.74	1128791.08
218+00.00	POT	1972194.89	1130291.04

CENTERLINE POINT TABLE - WAUKEGAN ROAD
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

STATION	DESC.	NORTHING	EASTING
2+00.00	POB	1971401.15	1129440.16
10+00.00	PI	1972200.90	1129459.94
17+00.00	POT	1972900.83	1129469.74

STATE OF ILLINOIS)
COUNTY OF LAKE) S.S.

THIS IS TO CERTIFY THAT WE, GEWALT HAMILTON ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING/PROFESSIONAL ENGINEERING CORPORATION, NUMBER 184-000922, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 42 NORTH, RANGE 12 EAST 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. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT VERNON HILLS, ILLINOIS THIS 23RD DAY OF OCTOBER, 2024 A.D.

STATE OF ILLINOIS ★ Vernon Hills ★ EDWARD A. HEDGE 035-003026 PROFESSIONAL LAND SURVEYOR

EDWARD A. HEDGE
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003026
MY LICENSE EXPIRES NOVEMBER 30, 2024

GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ■ Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1292 (LAKE AVENUE)
SECTION 22-00206-00-CH COOK COUNTY
PROJECT JOB NO. R-90-004-23
STATION 184+68.89 TO STATION 222+47.82
SCALE: 1"=40' SHEET 2 OF 5

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

PLAN: SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., DATE, BY
PROFILE: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., DATE, BY

MODEL: SMODELNAME5
FILE NAME: ...\11-ROW Plans\3683-sht-plat.dgn

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DRAWN - JFG	REVISED -	
CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

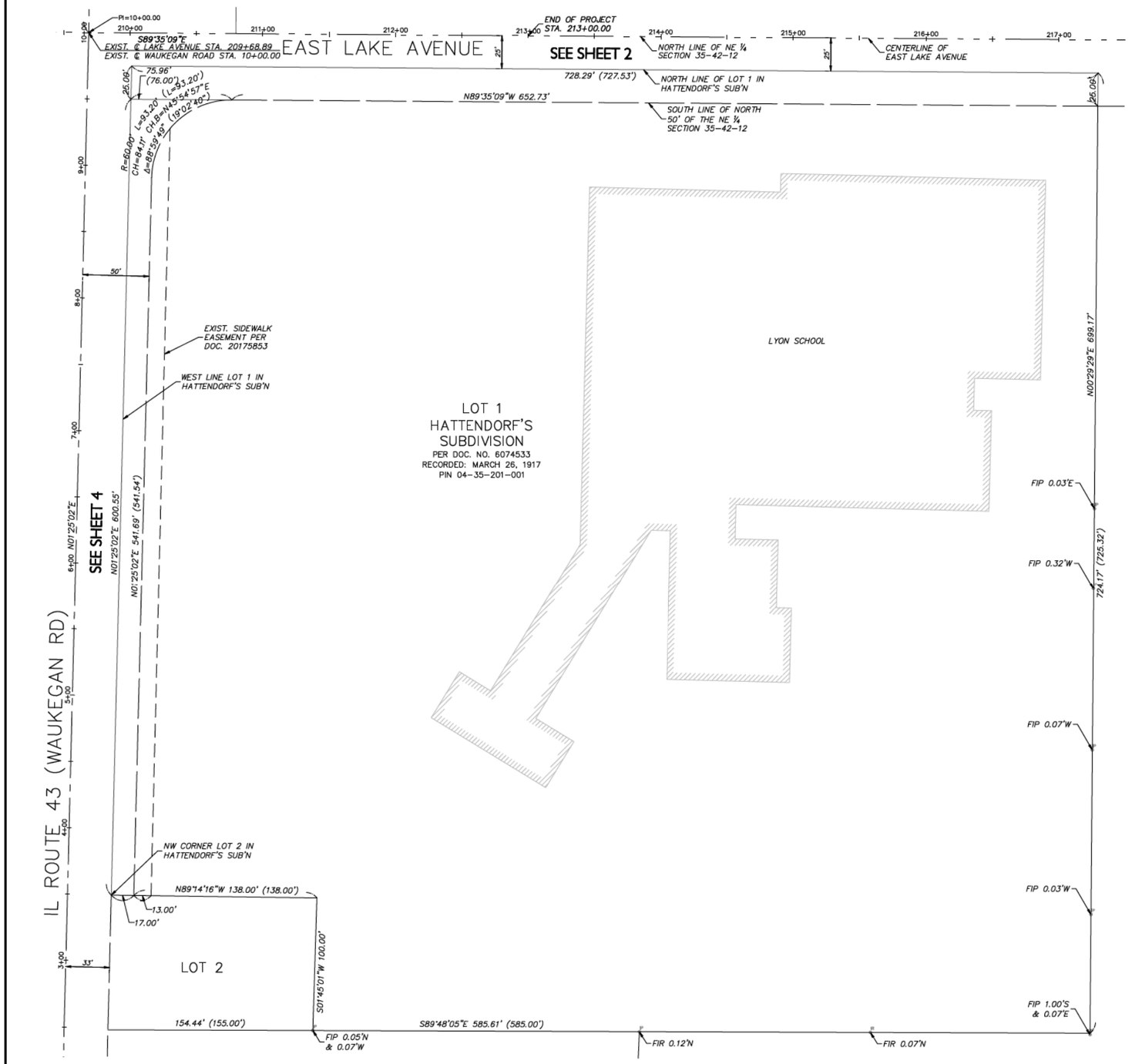
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SHEET 2 OF 5 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	70
		CONTRACT NO. 61K82		
	ILLINOIS			

THAT PART OF THE NE QUARTER OF SEC., 35 TWP. 42 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS



GRAPHIC SCALE

40 0 20 40

(IN FEET)

1 inch = 40 ft.

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

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FOR INFORMATION ONLY

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ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

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103	213+00.00	50.00' LT	1972248.51	1129791.41

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ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

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218+00.00	POT	1972194.89	1130291.04

CENTERLINE POINT TABLE - WAUKEGAN ROAD
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

STATION	DESC.	NORTHING	EASTING
2+00.00	POB	1971401.15	1129440.16
10+00.00	PI	1972200.90	1129459.94
17+00.00	POT	1972900.83	1129469.74

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

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- CENTERLINE
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- 126.39' MEASURED DIMENSION
- (126.39') RECORD DATA
- 126.39'(COMP) COMPUTED DIMENSION
- EXISTING BUILDING

- • IRON PIPE OR ROD FOUND
- • SET 5/8"X 30" REBAR
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- • FOUND "MAG" NAIL
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- ■M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.

STATE OF ILLINOIS)
COUNTY OF LAKE) S.S.

THIS IS TO CERTIFY THAT WE, GEWALT HAMILTON ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING/PROFESSIONAL ENGINEERING CORPORATION, NUMBER 184-000922, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 42 NORTH, RANGE 12 EAST 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. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT VERNON HILLS, ILLINOIS THIS 23RD DAY OF OCTOBER, 2024 A.D.

STATE OF ILLINOIS
Vernon Hills
EDWARD A. HEDGE
035-003026
PROFESSIONAL LAND SURVEYOR

EDWARD A. HEDGE
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003026
MY LICENSE EXPIRES NOVEMBER 30, 2024

GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ■ Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1292 (LAKE AVENUE)
SECTION 22-00206-00-CH COOK COUNTY
PROJECT JOB NO. R-90-004-23
STATION 184+68.89 TO STATION 222+47.82
SCALE: 1"=40' SHEET 3 OF 5

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

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CAUD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO&ATNS CHKD, NOTE BOOK, NO., BY, DATE

NO.	BY	DATE	REVISION

MODEL: SMODELNAME5
FILE NAME: ...\11-ROW Plans\3681-sht-plat.dgn

CIVILTECH
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DESIGNED -	KDC	REVISED -
DRAWN -	JFG	REVISED -
CHECKED -	DJK	REVISED -
DATE -	7/13/2026	REVISED -

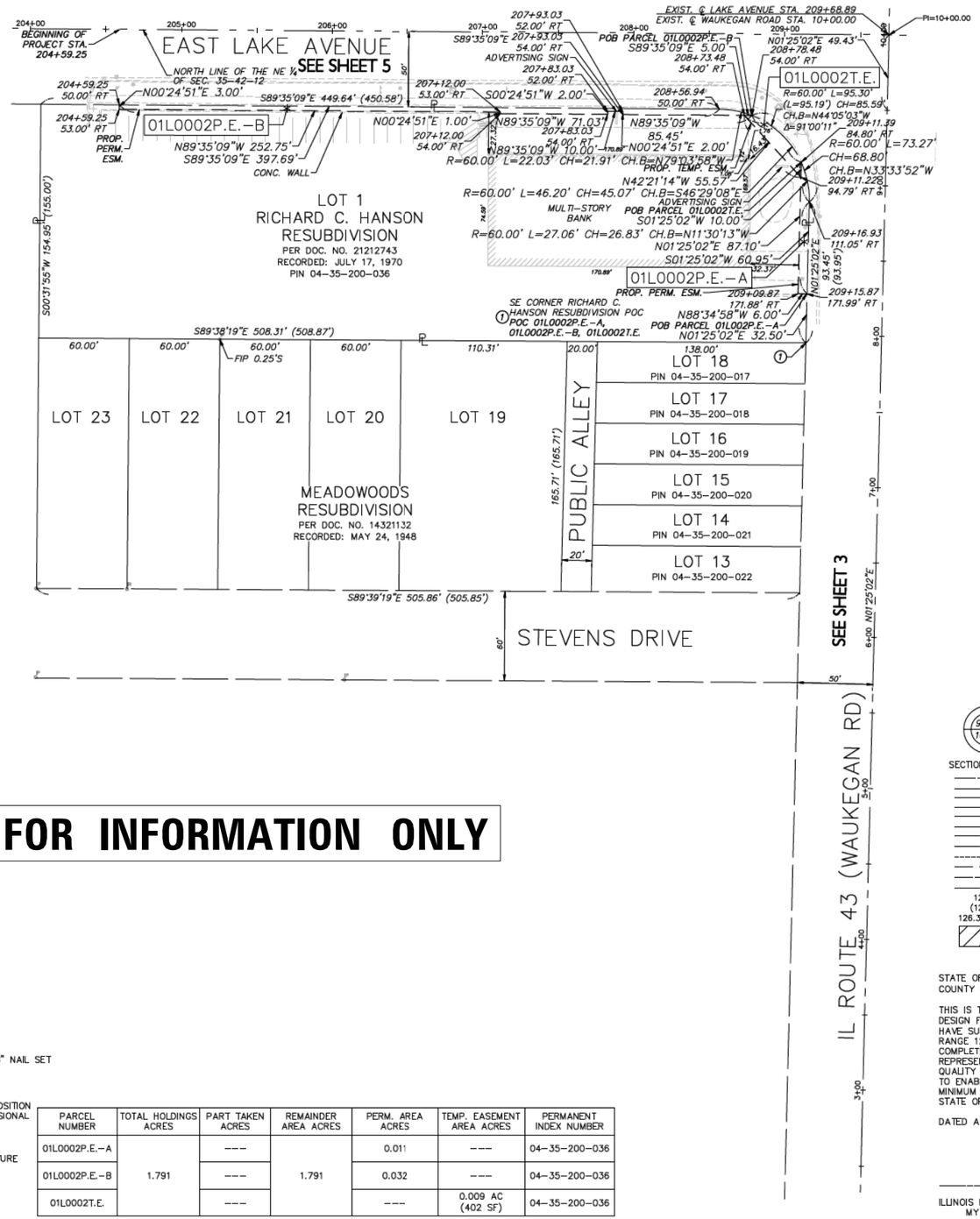
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SHEET 3 OF 5 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	71
		CONTRACT NO. 61K82		
		ILLINOIS		

THAT PART OF THE NE QUARTER OF SEC., 35 TWP. 42 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS



FOR INFORMATION ONLY

GRAPHIC SCALE
40 0 20 40
(IN FEET)
1 inch = 40 ft.

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN "GROUND" DISTANCES DIVIDE THE DISTANCES SHOWN BY THE COMBINED SCALE FACTOR OF 0.99965366.

AREAS SHOWN ON THIS PLAT ARE "GROUND".

POINT TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT	STATION	OFFSET	NORTHING	EASTING
101	210+60.90	53.00' LT	1972253.23	1129552.34
102	213+00.00	53.00' LT	1972251.50	1129791.43
103	213+00.00	50.00' LT	1972248.51	1129791.41

CENTERLINE POINT TABLE - EAST LAKE STREET
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

STATION	DESC.	NORTHING	EASTING
203+00.00	POB	1972205.74	1128791.08
218+00.00	POT	1972194.89	1130291.04

CENTERLINE POINT TABLE - WAUKEGAN ROAD
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

STATION	DESC.	NORTHING	EASTING
2+00.00	POB	1971401.15	1129440.16
10+00.00	PI	1972200.90	1129459.94
17+00.00	POT	1972900.83	1129469.74

9 10 16 15 SECTION CORNER
9 10 16 15 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
CENTERLINE
AC EXISTING ACCESS CONTROL LINE
AC PROPOSED ACCESS CONTROL LINE
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NO.	BY	DATE	REVISION

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	REMAINDER AREA ACRES	PERM. AREA ACRES	TEMP. EASEMENT AREA ACRES	PERMANENT INDEX NUMBER
01L0002P.E.-A	1.791	---	1.791	0.011	---	04-35-200-036
01L0002P.E.-B		---		0.032	---	04-35-200-036
01L0002T.E.		---		---	0.009 AC (402 SF)	04-35-200-036

STATE OF ILLINOIS)
COUNTY OF LAKE) S.S.

THIS IS TO CERTIFY THAT WE, GEWALT HAMILTON ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING/PROFESSIONAL ENGINEERING CORPORATION, NUMBER 184-000922, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 42 NORTH, RANGE 12 EAST 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. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT VERNON HILLS, ILLINOIS THIS 23RD DAY OF OCTOBER, 2024 A.D.

STATE OF ILLINOIS — Vernon Hills — EDWARD A. HEDGE — 035-003026 — PROFESSIONAL LAND SURVEYOR

EDWARD A. HEDGE
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003026
MY LICENSE EXPIRES NOVEMBER 30, 2024

GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ■ Vernon Hills, IL 60061
Tel. 847.478.9700 ■ Fax 847.478.9701

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1292 (LAKE AVENUE)
SECTION 22-00206-00-CH COOK COUNTY
PROJECT JOB NO. R-90-004-23
STATION 184+68.89 TO STATION 222+47.82
SCALE: 1"=40' SHEET 4 OF 5

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

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PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\11-ROW Plans\3683-sht-plat.dgn

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Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - KDC	REVISED -	
DRAWN - JFG	REVISED -	
CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

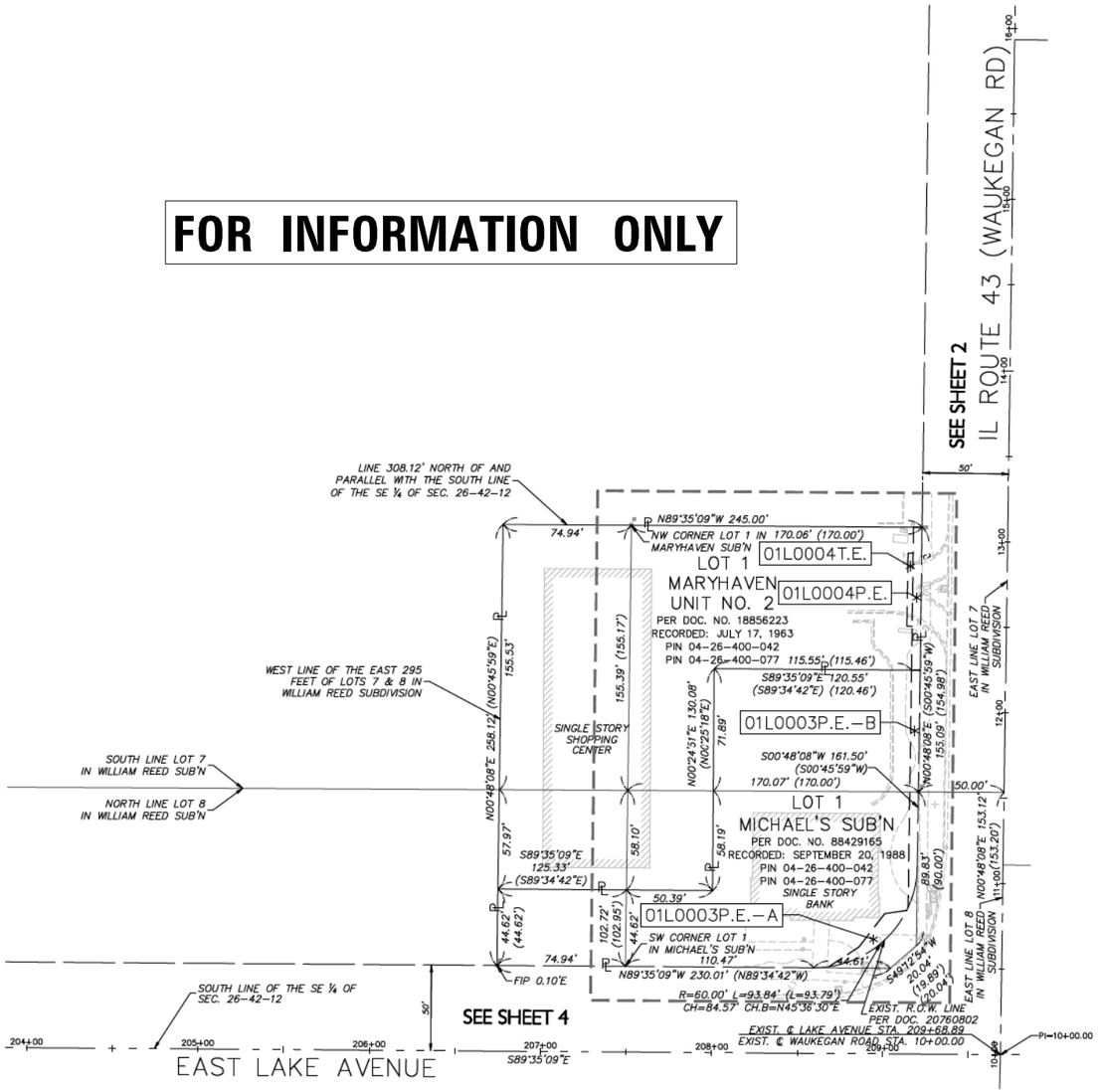
PLAT OF HIGHWAYS

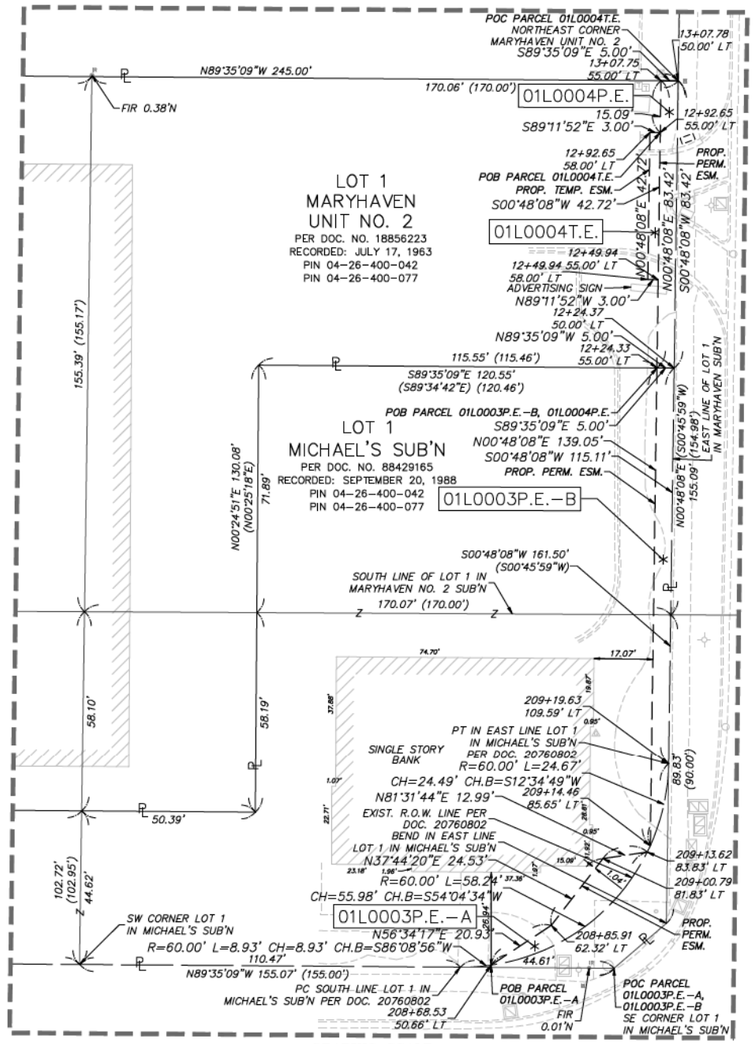
SHEET 4 OF 5 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	72
		CONTRACT NO. 61K82		
	ILLINOIS			

THAT PART OF THE SE QUARTER OF SEC., 26 TWP. 42 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS

FOR INFORMATION ONLY





GRAPHIC SCALE

20 0 10 20

(IN FEET)
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GRAPHIC SCALE

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(IN FEET)
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ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

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⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET
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● STAKING OF PROPOSED RIGHT OF WAY.
SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.

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PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	REMAINDER AREA ACRES	PERM. AREA ACRES	TEMP. EASEMENT AREA ACRES	PERMANENT INDEX NUMBER
01L0003P.E.–A	0.607	---	0.607	0.008 AC (346 SF)	---	04–26–400–042 04–26–400–077
01L0003P.E.–B		---		0.015	---	04–26–400–042 04–26–400–077
01L0004P.E.	0.842	---	0.842	0.010 AC (417 SF)	---	04–26–400–042 04–26–400–077
01L0004T.E.		---		---	0.003 AC (127 SF)	04–26–400–042 04–26–400–077

NO.	BY	DATE	REVISION

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

SECTION LINE
QUARTER SECTION LINE
QUARTER QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
CENTERLINE
AC EXISTING ACCESS CONTROL LINE
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STATE OF ILLINOIS)
COUNTY OF LAKE) S.S.

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DATED AT VERNON HILLS, ILLINOIS THIS 23RD DAY OF OCTOBER, 2024 A.D.

STATE OF ILLINOIS Vernon Hills EDWARD A. HEDGE 035-003026 PROFESSIONAL LAND SURVEYOR

EDWARD A. HEDGE
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035–003026
MY LICENSE EXPIRES NOVEMBER 30, 2024

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PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1292 (LAKE AVENUE)
SECTION 22–00206–00–CH COOK COUNTY
PROJECT JOB NO. R–90–004–23
STATION 184+68.89 TO STATION 222+47.82
SCALE: 1"=40' SHEET 5 OF 5

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

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \MODELNAME\
FILE NAME: ...\11-ROW Plans\3683-sht-plat.dgn

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www.civiltechinc.com

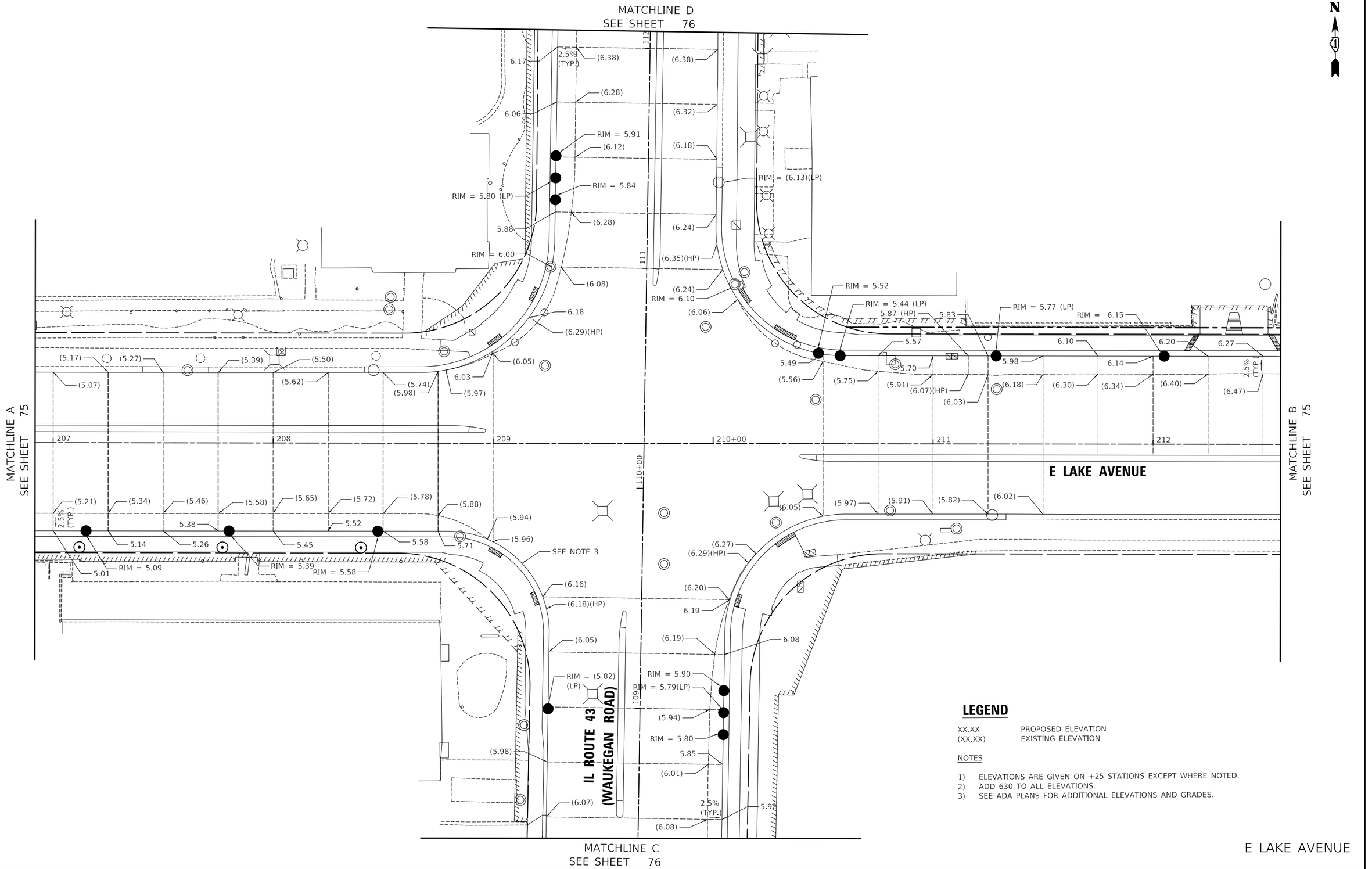
DESIGNED - KDC	REVISED -	
DRAWN - JFG	REVISED -	
CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SHEET 5 OF 5 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	73
		CONTRACT NO. 61K82		
	ILLINOIS			



LEGEND

XX.XX	PROPOSED ELEVATION
(XX.XX)	EXISTING ELEVATION

NOTES

1) ELEVATIONS ARE GIVEN ON +25 STATIONS EXCEPT WHERE NOTED.
2) ADD 630 TO ALL ELEVATIONS.
3) SEE ADA PLANS FOR ADDITIONAL ELEVATIONS AND GRADES.

PLAN — SURVEYED, PLOTTED, CHANGES CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, CHANGES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 20 40

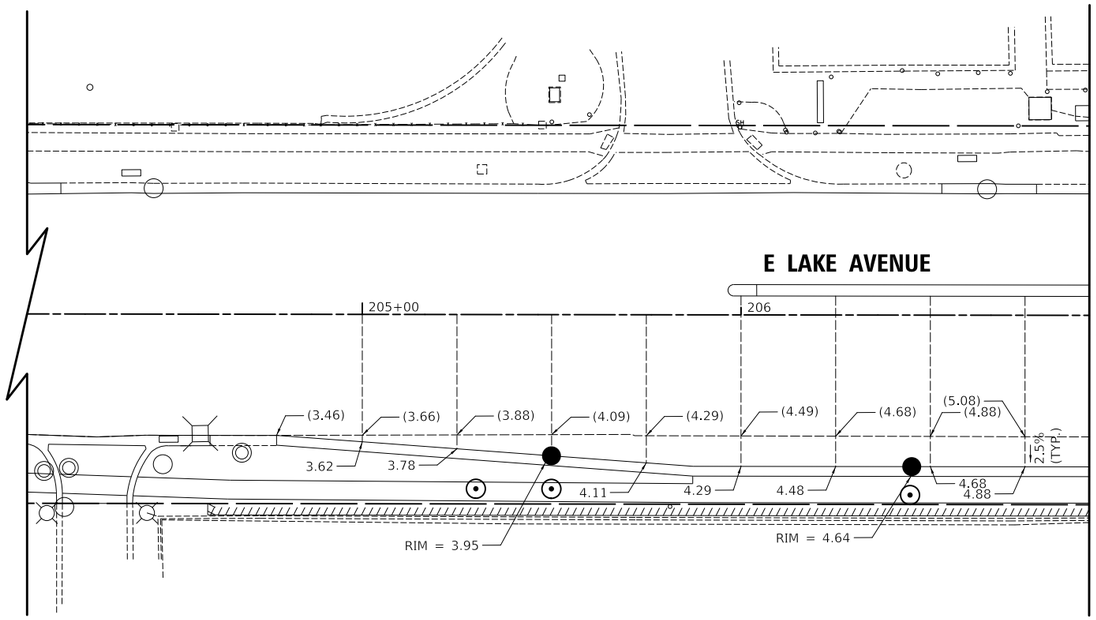
INTERSECTION GRADING PLAN

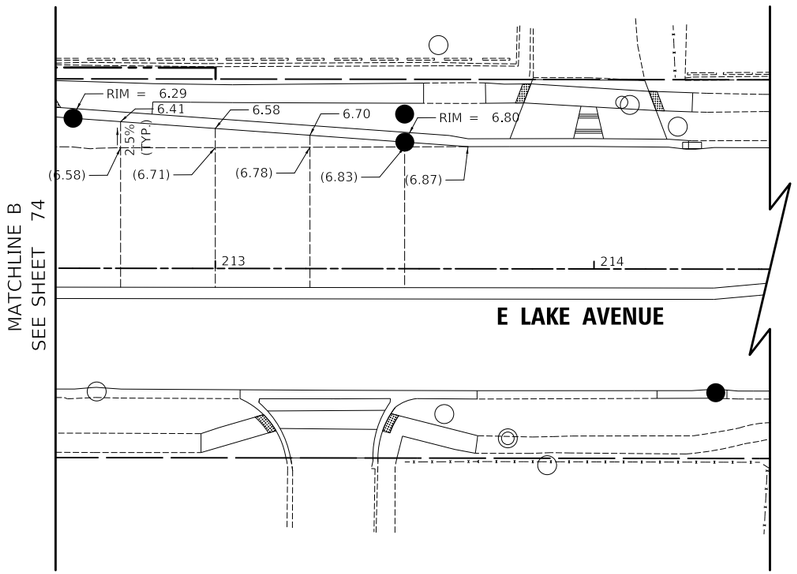
SHEET 1 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	74
		CONTRACT NO. 61K82		
	ILLINOIS			

E LAKE AVENUE

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE





LEGEND

XX.XX PROPOSED ELEVATION
(XX.XX) EXISTING ELEVATION

NOTES

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PROFILE
SURVEYED
PLOTTED
CHARS. CHECKED
B.M. NOTED
STRUCTURE NOTATNS. CHKD
NOTE BOOK
NO.
BY
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MODEL: SMODELNAMES
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

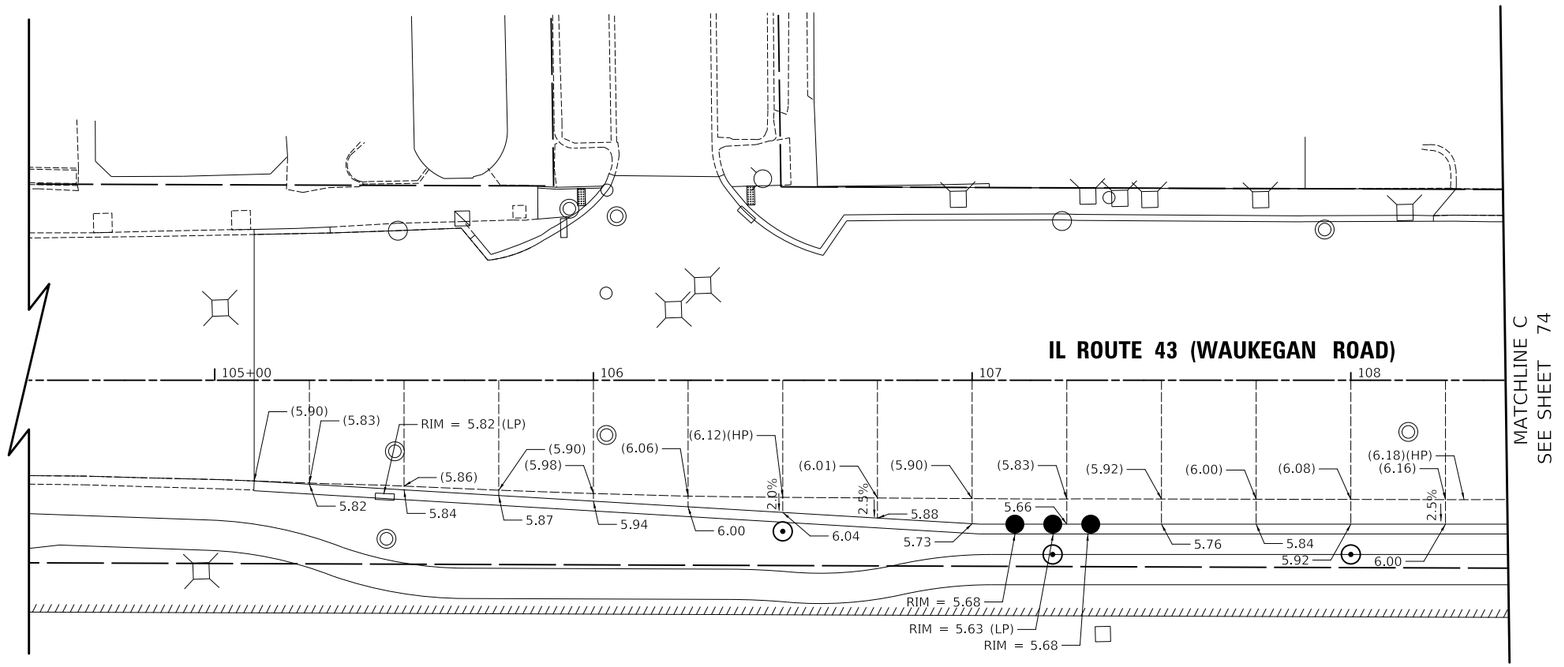
SCALE
0 20 40

INTERSECTION GRADING PLAN

SHEET 2 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	75
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN
SURVEYED
PLOTTED
CHANGES CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE



PROFILE
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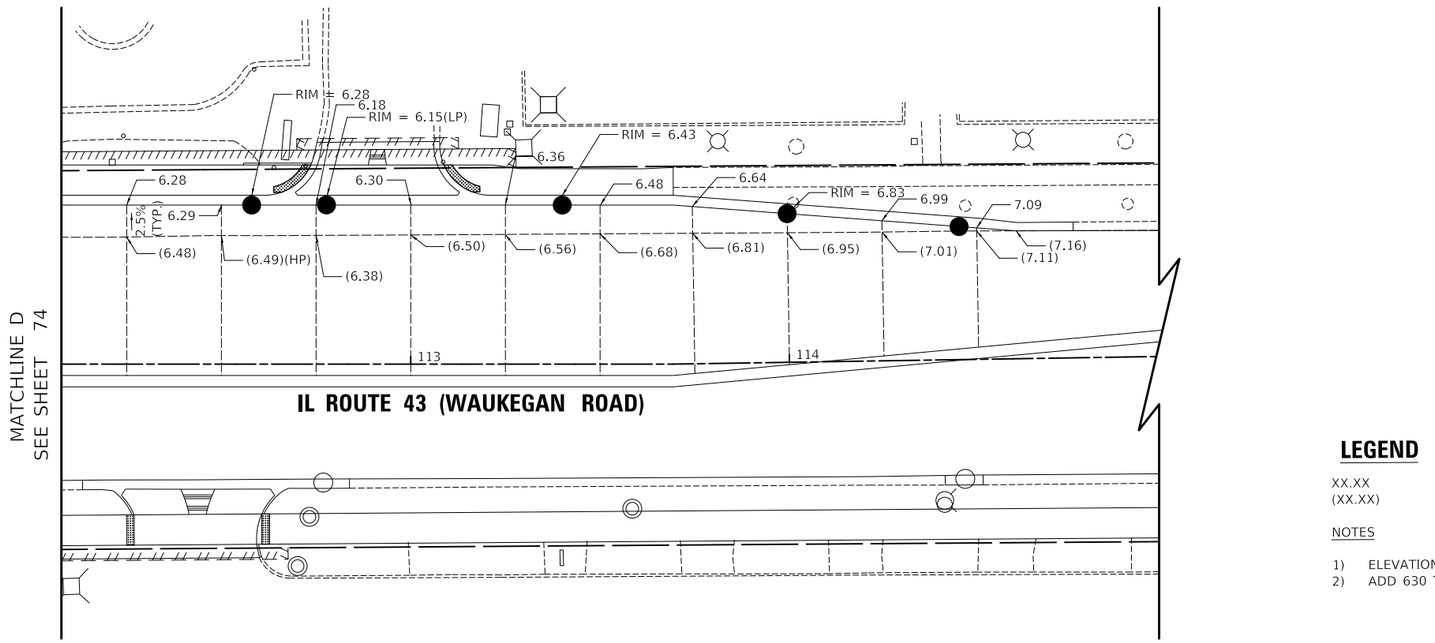

LEGEND

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(XX.XX) EXISTING ELEVATION

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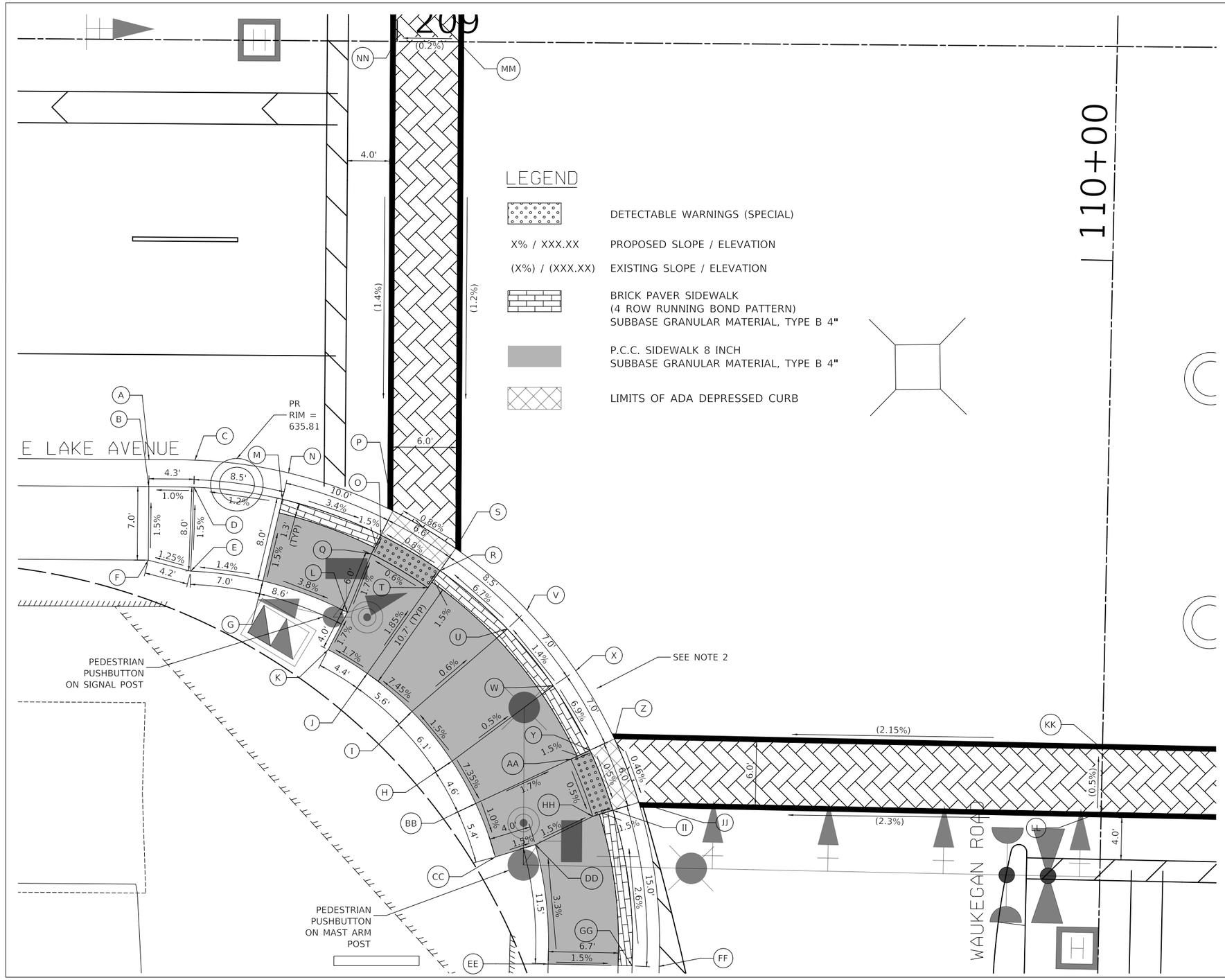
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

INTERSECTION GRADING PLAN

SHEET 3 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	76
		CONTRACT NO. 61K82		
	ILLINOIS			



SW CORNER OF E LAKE AVENUE AND WAUKEGAN ROAD

NOTE:

1) THE CONTRACTOR SHALL OBTAIN APPROVAL OF THE STAMPED CONCRETE PATTERN FROM THE ENGINEER PRIOR TO PLACING CONCRETE.

2) A QUANTITY OF HMA BINDER COURSE, IL-9.5, N70 HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER TO ACCOUNT FOR RAISED EDGE OF PAVEMENT GRADE.

3) LINES SHOWN WITHIN SIDEWALKS ARE INTENDED TO DEMONSTRATE ADA COMPLIANCE AND NOT JOINT LINES. JOINTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

SW CORNER OF E LAKE AVENUE AND WAUKEGAN ROAD			
	STATION	OFFSET	ELEVATION
A	208+76.65	40.00'RT	635.72
B	208+76.65	42.58'RT	636.10
C	208+81.03	40.02'RT	635.76
D	208+80.95	42.60'RT	636.14
E	208+80.71	50.60'RT	636.26
F	208+76.65	49.58'RT	636.21
G	208+87.58	51.48'RT	636.36
H	209+05.73	68.51'RT	636.68
I	209+01.88	63.81'RT	636.59
J	208+97.59	60.22'RT	636.17
K	208+93.85	57.98'RT	636.10
L	208+95.66	54.41'RT	636.03
M	208+89.38	43.69'RT	636.24
N	208+89.96	41.17'RT	635.86
O	208+98.77	47.03'RT	635.90
P	208+99.92	44.72'RT	(635.96)
Q	208+97.90	48.83'RT	635.93
R	209+04.45	50.37'RT	635.96
S	209+05.92	48.26'RT	(636.02)
T	209+03.31	52.01'RT	635.99
U	209+10.91	55.88'RT	636.52
V	209+12.76	54.09'RT	(636.14)
W	209+15.32	61.27'RT	636.62
X	209+17.46	59.82'RT	636.24
Y	109+52.31	48.82'LT	636.14
Z	109+53.45	46.51'LT	636.20
AA	109+51.43	50.62'LT	636.17
BB	109+47.01	59.59'LT	636.34
CC	109+41.96	57.63'LT	636.29
DD	109+43.21	53.82'LT	636.23
EE	109+31.87	52.37'LT	636.61
FF	109+31.87	41.79'LT	(636.11)
GG	109+31.87	44.37'LT	636.49
HH	109+46.03	48.42'LT	636.14
II	109+46.65	46.52'LT	636.11
JJ	109+47.44	44.06'LT	(636.17)
KK	109+53.45	0.00'LT	(637.15)
LL	109+47.45	0.00'RT	(637.19)
MM	209+05.86	0.00'RT	(636.62)
NN	208+99.86	0.00'RT	(636.61)

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: $MODELNAME$
FILE NAME: ...\12-Grading Plans\3683-ADA

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DATE - 7/13/2026		REVISED -

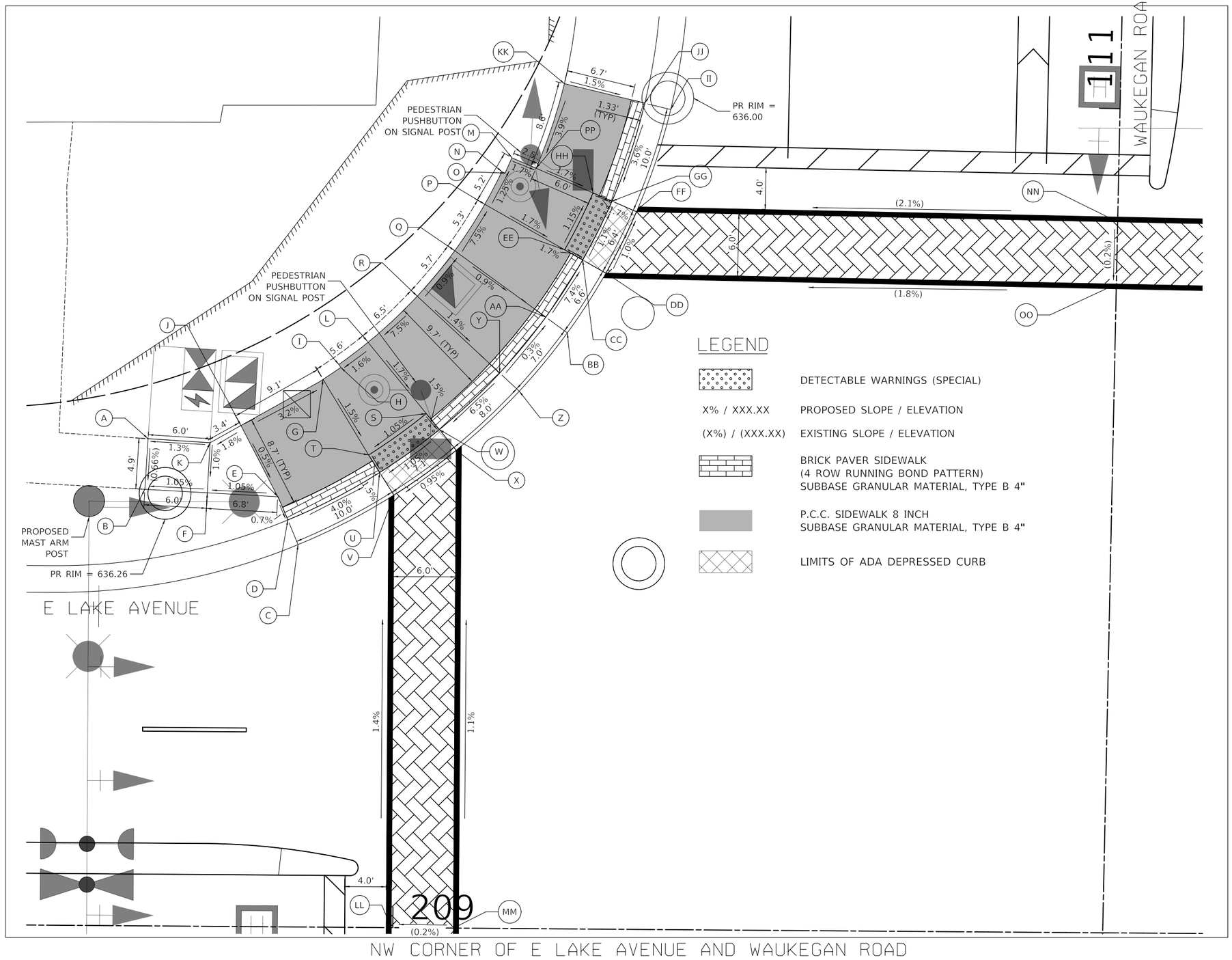
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 5 10

ADA GRADING PLAN

SHEET 1 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	77
		CONTRACT NO. 61K82		
	ILLINOIS			



NOTE:

1) THE CONTRACTOR SHALL OBTAIN APPROVAL OF THE STAMPED CONCRETE PATTERN FROM THE ENGINEER PRIOR TO PLACING CONCRETE.

2) LINES SHOWN WITHIN SIDEWALKS ARE INTENDED TO DEMONSTRATE ADA COMPLIANCE AND NOT JOINT LINES. JOINTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

NW CORNER OF E LAKE AVENUE AND WAUKEGAN ROAD

	STATION	OFFSET	ELEVATION
A	208+76.00	47.06' LT	(636.27)
B	208+75.73	42.17' LT	(636.24)
C	208+90.57	36.93' LT	635.98
D	208+89.57	39.31' LT	636.36
E	208+88.61	41.55' LT	636.38
F	208+81.77	41.88' LT	636.31
G	208+92.88	52.92' LT	636.12
H	208+94.59	54.07' LT	636.16
I	208+94.39	54.37' LT	636.16
J	208+84.97	48.40' LT	636.42
K	208+82.00	46.72' LT	636.35
L	208+97.20	56.53' LT	636.22
M	110+94.02	58.67' LT	636.19
N	110+92.66	59.62' LT	636.21
O	110+92.53	59.30' LT	636.21
P	110+89.48	61.20' LT	636.26
Q	209+05.51	65.43' LT	636.66
R	209+01.92	61.02' LT	636.71
S	209+02.88	49.69' LT	636.07
T	208+97.33	45.64' LT	636.00
U	208+98.41	43.96' LT	635.97
V	208+99.80	41.79' LT	636.03
W	209+04.15	48.15' LT	636.04
X	209+05.80	46.16' LT	636.10
Y	209+09.95	53.65' LT	636.55
Z	209+11.85	51.91' LT	636.17
AA	209+14.36	59.08' LT	636.53
BB	209+16.45	57.58' LT	636.15
CC	110+84.29	51.63' LT	636.07
DD	110+83.08	49.35' LT	636.13
EE	110+85.25	53.38' LT	636.11
FF	110+89.30	46.43' LT	636.06
GG	110+90.04	48.91' LT	636.00
HH	110+90.80	50.76' LT	636.04
II	110+99.02	43.42' LT	635.98
JJ	110+99.58	45.94' LT	636.36
KK	111+01.29	53.75' LT	636.48
LL	208+99.86	0.00' LT	(636.61)
MM	209+05.86	0.00' LT	(637.03)
NN	110+89.07	0.00' LT	(637.04)
OO	110+83.07	0.00' LT	(637.03)
PP	110+93.06	56.32' LT	636.14

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADE CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\12-Grading Plans\3681-ADA

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DATE - 7/13/2026		REVISED -

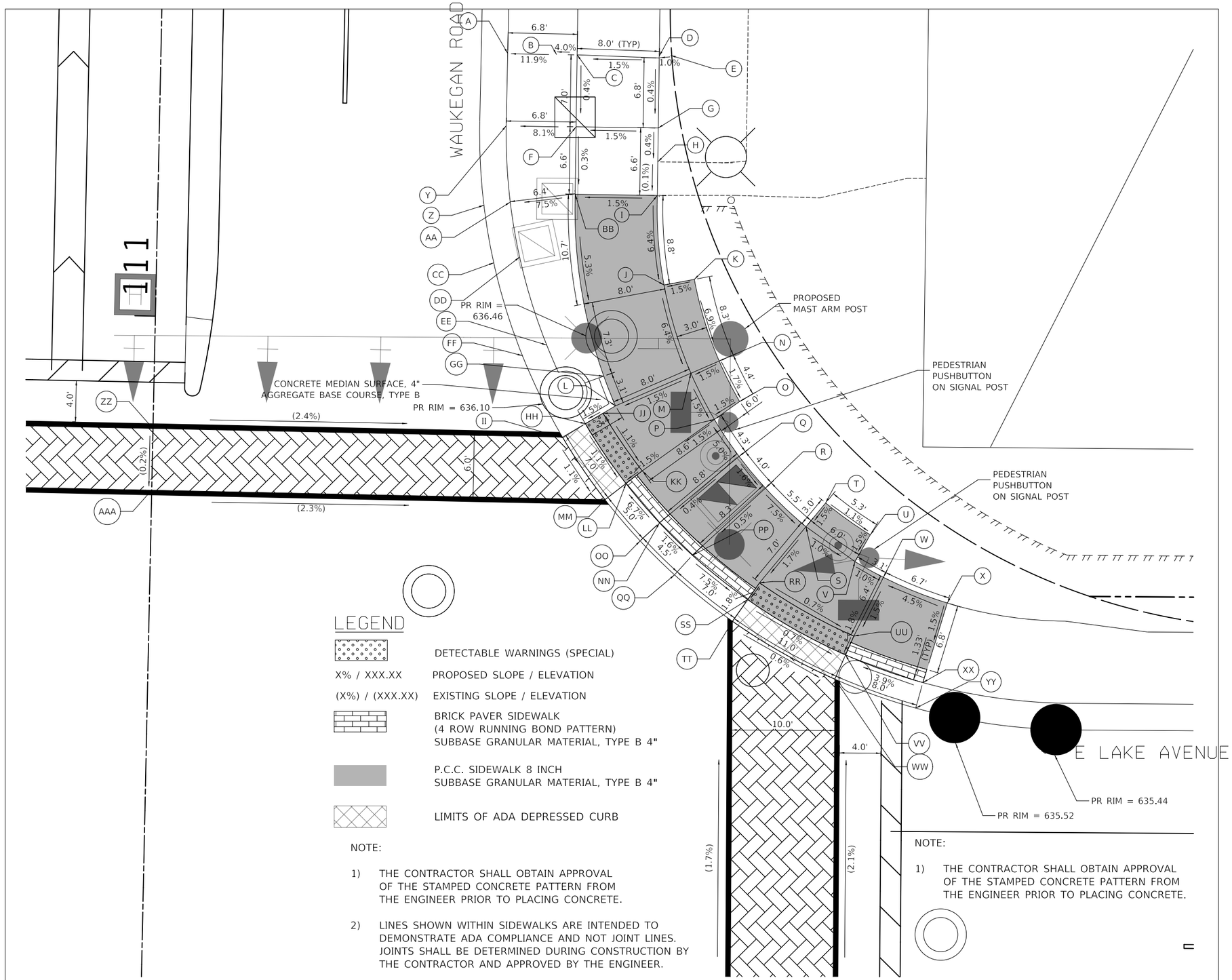
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 5 10

ADA GRADING PLAN

SHEET 2 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	78
		CONTRACT NO. 61K82		
	ILLINOIS			



NE CORNER OF E LAKE AVENUE AND WAUKEGAN ROAD				TOP OF CURB ELEVATION
	STATION	OFFSET	ELEVATION	
A	111+26.29	33.76' RT	636.61	
B	111+26.29	38.51' RT	637.17	
C	111+26.30	40.51' RT	637.25	
D	111+26.35	48.51' RT	637.37	
E	111+26.44	49.64' RT	(637.38)	
F	111+19.29	40.56' RT	637.22	
G	111+19.35	48.56' RT	637.34	
H	111+16.06	48.59' RT	(637.33)	
I	111+12.79	48.61' RT	(637.32)	
J	111+04.08	49.45' RT	636.77	
K	111+04.69	52.38' RT	636.82	
L	110+92.22	44.97' RT	636.08	636.38
M	110+95.55	52.24' RT	636.20	
N	110+96.80	54.97' LT	636.24	
O	210+24.22	69.96' LT	636.12	
P	210+26.66	71.73' LT	636.17	
Q	210+26.65	66.38' LT	636.34	
R	210+29.24	63.31' LT	636.27	
S	210+33.21	59.59' LT	635.87	
T	210+35.11	61.91' LT	635.91	
U	210+39.48	58.84' LT	635.85	
V	210+38.01	56.23' LT	635.80	
W	210+40.79	54.72' LT	635.77	
X	210+47.02	52.26' LT	636.08	
Y	111+19.25	33.76' RT	636.67	
Z	111+11.47	31.75' RT	(636.34)	
AA	111+11.83	34.31' RT	636.72	
BB	111+12.73	40.61' RT	637.21	
CC	111+05.89	32.83' RT	(636.31)	
DD	111+06.50	35.33' RT	636.69	
EE	110+98.00	38.15' RT	636.57	
FF	110+96.92	35.81' RT	(636.19)	
GG	110+95.09	43.77' RT	636.24	636.24
HH	110+90.43	42.07' RT	636.03	636.53
II	110+89.00	39.92' RT	(636.09)	
JJ	110+91.48	43.77' RT	636.06	636.44
KK	210+17.23	64.91' LT	635.98	
LL	210+15.66	63.67' LT	635.95	
MM	210+13.63	62.08' LT	636.01	
NN	210+18.95	59.87' LT	636.30	
OO	210+17.08	58.09' LT	635.92	
PP	210+22.17	56.73' LT	636.23	
QQ	210+20.45	54.81' LT	635.85	
RR	210+28.73	54.10' LT	635.74	
SS	210+27.59	52.45' LT	635.71	
TT	210+26.12	50.33' LT	635.77	
UU	210+37.95	48.97' LT	635.67	
VV	210+37.15	47.14' LT	635.64	
WW	210+36.13	44.77' LT	635.70	
XX	210+44.70	44.50' LT	635.95	
YY	210+44.03	42.01' LT	635.57	
ZZ	110+89.07	0.00' LT	(637.04)	
AAA	110+83.07	0.00' LT	(637.03)	

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO/TA'NS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\12-Grading Plans\3481-ADA

NE CORNER OF E LAKE AVENUE AND WAUKEGAN ROAD

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DATE -	7/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 5 10

ADA GRADING PLAN

SHEET 3 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	79
		CONTRACT NO. 61K82		
	ILLINOIS			

NOTE:

1) THE CONTRACTOR SHALL OBTAIN APPROVAL OF THE STAMPED CONCRETE PATTERN FROM THE ENGINEER PRIOR TO PLACING CONCRETE.

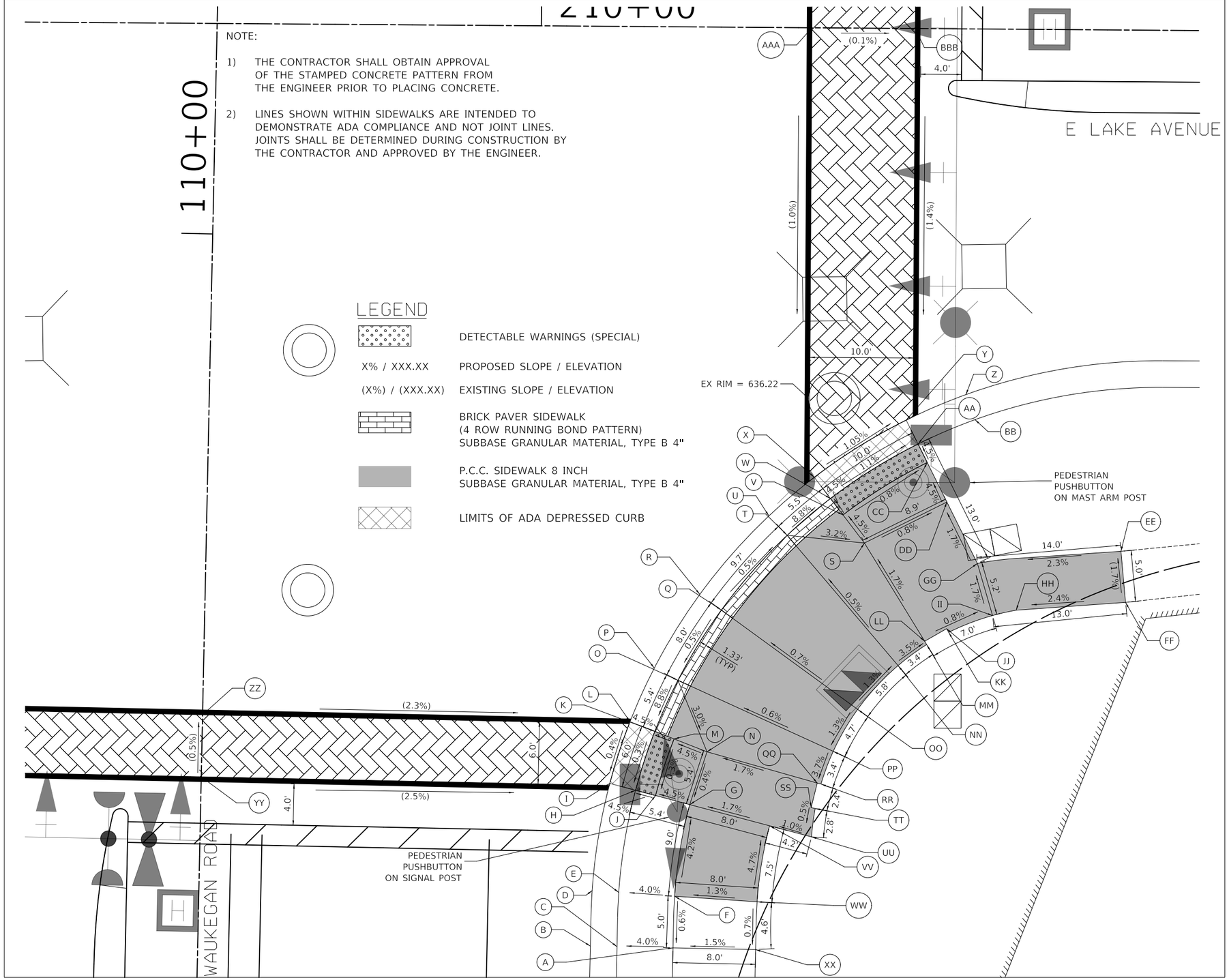
2) LINES SHOWN WITHIN SIDEWALKS ARE INTENDED TO DEMONSTRATE ADA COMPLIANCE AND NOT JOINT LINES. JOINTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

210+00

110+00

LEGEND

- DETECTABLE WARNINGS (SPECIAL)
- X% / XXX.XX — PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) — EXISTING SLOPE / ELEVATION
- BRICK PAVER SIDEWALK (4 ROW RUNNING BOND PATTERN) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- P.C.C. SIDEWALK 8 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"
- LIMITS OF ADA DEPRESSED CURB



SE CORNER OF E LAKE AVENUE AND WAUKEGAN ROAD

SE CORNER OF E LAKE AVENUE AND WAUKEGAN ROAD			
	STATION	OFFSET	ELEVATION
A	109+31.86	46.00'RT	636.72
B	109+31.86	38.00'RT	636.12
C	109+31.86	40.58'RT	636.50
D	109+37.23	38.06'RT	636.15
E	109+37.11	40.64'RT	636.53
F	109+36.86	46.05'RT	636.75
G	109+45.75	47.32'RT	636.37
H	109+47.03	42.06'RT	636.12
I	109+47.64	39.55'RT	636.18
J	109+46.56	44.00'RT	636.21
K	109+52.77	43.80'RT	636.14
L	109+53.66	41.38'RT	636.20
M	109+52.08	45.68'RT	636.23
N	109+50.90	48.89'RT	636.39
O	109+57.76	45.93'RT	636.62
P	109+58.89	43.62'RT	636.24
Q	109+64.64	49.99'RT	636.66
R	109+66.12	47.87'RT	636.28
S	210+31.63	49.83'RT	636.38
T	210+24.15	49.14'RT	636.62
U	210+22.36	47.28'RT	636.24
V	210+29.54	47.13'RT	636.22
W	210+28.31	45.55'RT	636.13
X	210+26.73	43.51'RT	(636.19)
Y	210+35.58	37.91'RT	(636.08)
Z	210+41.35	35.39'RT	(636.06)
AA	210+36.75	40.21'RT	636.02
BB	210+42.25	37.81'RT	636.44
CC	210+37.65	42.00'RT	636.11
DD	210+39.58	45.81'RT	636.31
EE	210+56.46	50.46'RT	(636.73)
FF	210+56.94	55.39'RT	(636.82)
GG	210+42.58	51.73'RT	636.42
HH	210+46.36	56.23'RT	636.56
II	210+44.08	56.75'RT	636.51
JJ	210+39.64	58.07'RT	636.55
KK	210+39.85	58.42'RT	636.54
LL	210+37.53	59.29'RT	636.57
MM	210+37.72	59.62'RT	636.58
NN	210+34.97	61.67'RT	636.70
OO	109+55.31	63.38'RT	636.78
PP	109+51.20	61.10'RT	636.72
QQ	109+48.10	59.62'RT	636.58
RR	109+48.02	59.99'RT	636.59
SS	109+45.72	59.08'RT	636.56
TT	109+54.63	59.47'RT	636.56
UU	109+42.88	59.18'RT	636.55
VV	109+43.87	55.10'RT	636.50
WW	109+36.49	54.04'RT	636.85
XX	109+31.86	54.00'RT	636.84
YY	109+47.45	0.00'LT	(637.19)
ZZ	109+53.45	0.00'LT	(637.15)
AAA	210+26.19	0.00'LT	(636.63)
BBB	210+36.19	0.00'LT	(636.62)

PLAN — SURVEYED ____ PLOTTED ____ ALIGNMENT CHECKED ____ RT. OF WAY CHECKED ____ CADD FILE NAME ____ NOTE BOOK ____ NO.____ BY ____ DATE ____

PROFILE — SURVEYED ____ PLOTTED ____ GRADES CHECKED ____ B.M. NOTED ____ STRUCTURE NOTATNS CHKD ____ NOTE BOOK ____ NO.____ BY ____ DATE ____

MODEL: \MODELNAMES
FILE NAME: ...\12-Grading Plans\3681-ADA

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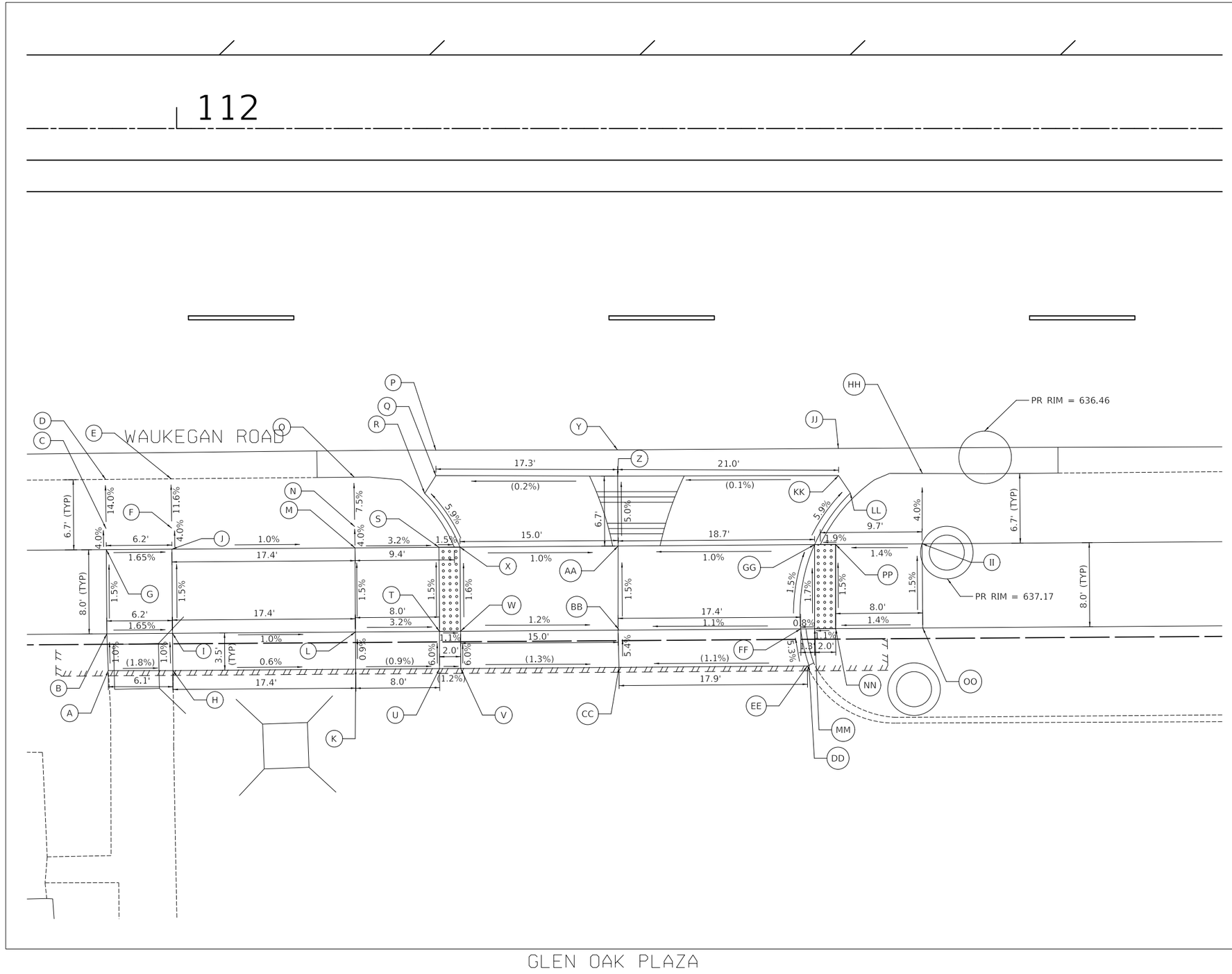
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 5 10

ADA GRADING PLAN

SHEET 4 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	80
		CONTRACT NO. 61K82		
		ILLINOIS		



GLEN OAK PLAZA

GLEN OAK PLAZA			
	STATION	OFFSET	ELEVATION
A	111+93.50	51.53'RT	(637.66)
B	111+93.36	48.04'RT	637.63
C	111+93.29	38.04'RT	637.43
D	111+93.25	33.36'RT	(636.77)
E	111+99.49	33.30'RT	(636.78
F	111+99.53	37.99'RT	637.32
G	111+93.31	40.04'RT	637.51
H	111+99.65	51.53'RT	(637.55)
I	111+99.60	47.99'RT	637.52
J	111+99.55	39.99'RT	637.40
K	112+17.03	51.41'RT	(637.38)
L	112+17.00	47.87'RT	637.35
M	112+16.97	39.87'RT	637.23
N	112+16.93	37.84'RT	637.15
O	112+16.89	33.15'RT	(636.79)
P	112+24.65	30.58'RT	(636.41)
Q	112+24.65	33.00'RT	636.42
R	112+23.59	34.69'RT	636.58
S	112+24.95	39.81'RT	636.97
T	112+25.00	47.81'RT	637.09
U	112+25.01	51.35'RT	(637.31)
V	112+27.02	51.34'RT	(637.28)
W	112+27.00	47.80'RT	637.07
X	112+26.95	39.80'RT	636.94
Y	112+41.93	30.55'RT	(636.45)
Z	112+41.94	33.04'RT	636.46
AA	112+41.99	39.69'RT	636.83
BB	112+42.05	47.62'RT	636.95
CC	112+42.07	51.23'RT	(637.10)
DD	112+60.14	51.03'RT	(637.29)
EE	112+59.99	51.10'RT	(637.29)
FF	112+59.35	47.57'RT	637.10
GG	112+60.68	39.56'RT	636.97
HH	112+70.93	32.80'RT	(636.86)
II	112+70.90	39.48'RT	637.13
JJ	112+62.94	30.42'RT	(636.45)
KK	112+62.96	32.99'RT	636.46
LL	112+64.08	34.66'RT	636.62
MM	112+60.68	47.56'RT	637.11
NN	112+62.68	47.54'RT	637.14
OO	112+70.96	47.48'RT	637.25
PP	112+62.68	39.54'RT	637.01

NOTE:

1) LINES SHOWN WITHIN SIDEWALKS ARE INTENDED TO DEMONSTRATE ADA COMPLIANCE AND NOT JOINT LINES. JOINTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

LEGEND

DETECTABLE WARNINGS (SPECIAL)

X% / XXX.XX PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

PLAN
SURVEYED
PLOTTED
CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHECKED
B.M. NOTED
STRUCTURE NO
TA'NS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: SMODELNAMES
FILE NAME: ...\12-Grading Plans\3683-ADA

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DATE -	7/13/2026	REVISED -

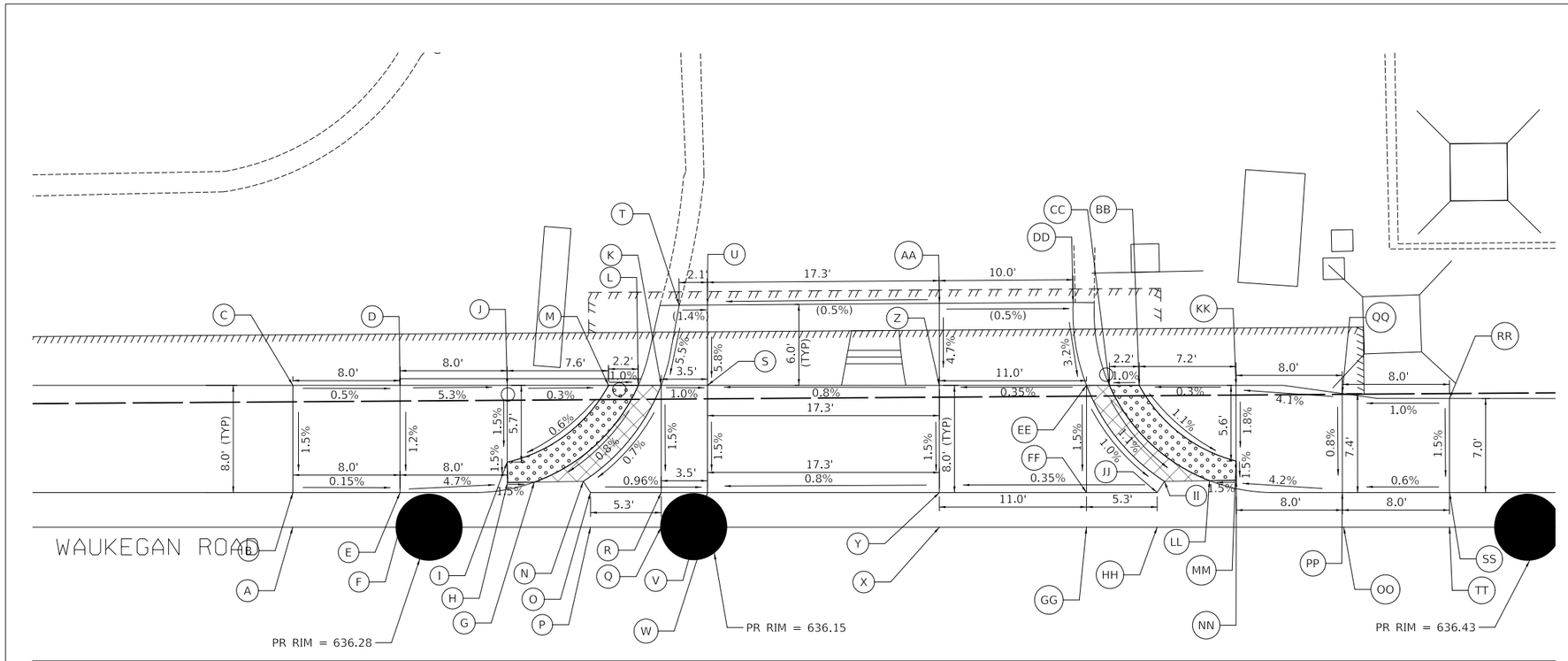
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 5 10

ADA GRADING PLAN

SHEET 5 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	81
		CONTRACT NO. 61K82		
		ILLINOIS		



GATEWAY CENTER				TOP OF CURB ELEVATION
	STATION	OFFSET	ELEVATION	
A	112+47.83	42.00'LT	636.29	
B	112+47.83	44.58'LT	636.67	
C	112+47.83	52.58'LT	636.79	
D	112+55.83	52.58'LT	636.76	636.76
E	112+55.83	44.58'LT	636.66	
F	112+55.83	42.00'LT	636.28	
G	112+65.86	45.36'LT	636.20	
H	112+63.86	45.33'LT	636.23	
I	112+63.83	46.86'LT	636.25	
J	112+63.83	52.58'LT	636.33	636.83
K	112+75.33	52.58'LT	636.31	
L	112+73.61	52.57'LT	636.29	636.79
M	112+71.39	52.58'LT	636.31	636.81
N	112+69.51	45.42'LT	636.25	
O	112+70.05	44.58'LT	636.24	
P	112+70.05	42.00'LT	636.23	
Q	112+75.33	42.00'LT	636.18	
R	112+75.33	44.58'LT	636.19	
S	112+78.78	52.58'LT	636.28	
T	112+76.67	58.56'LT	(636.65)	
U	112+78.78	58.57'LT	(636.62)	
V	112+78.78	44.58'LT	636.16	
W	112+78.78	42.00'LT	636.15	
X	112+96.09	42.00'LT	636.29	
Y	112+96.09	44.58'LT	636.30	
Z	112+96.09	52.58'LT	636.42	
AA	112+96.09	58.70'LT	(636.71)	
BB	113+11.01	52.58'LT	636.46	
CC	113+08.78	52.58'LT	636.44	
DD	113+06.07	58.77'LT	(636.66)	
EE	113+07.07	52.58'LT	636.46	
FF	113+07.07	44.58'LT	636.34	
GG	113+07.07	42.00'LT	636.33	
HH	113+12.35	42.00'LT	636.35	
II	113+12.89	45.42'LT	636.37	
JJ	113+12.35	44.58'LT	636.36	
KK	113+18.23	52.58'LT	636.48	
LL	113+16.25	45.47'LT	636.33	
MM	113+18.23	46.94'LT	636.38	
NN	113+18.25	45.50'LT	636.35	
OO	113+26.27	42.00'LT	636.37	
PP	113+26.17	44.58'LT	636.75	
QQ	113+26.16	51.97'LT	636.80	
RR	113+34.17	51.60'LT	636.88	
SS	113+34.17	44.58'LT	636.78	
TT	113+34.17	42.00'LT	636.40	

NOTE:

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LEGEND

DETECTABLE WARNINGS (SPECIAL)

LIMITS OF ADA DEPRESSED CURB

X% / XXX.XX PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

GATEWAY CENTER

113

PLAN: SURVEYED, PLOTTED, PLANS CHECKED, AS-BUILT, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, PLANS CHECKED, B.M. NOTED, STRUCTURE NO'TA'NS CHK'D, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\12-Grading Plans\3681-ADA

CIVILTECH
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CHECKED -	DJK	REVISED -
DATE -	7/13/2026	REVISED -

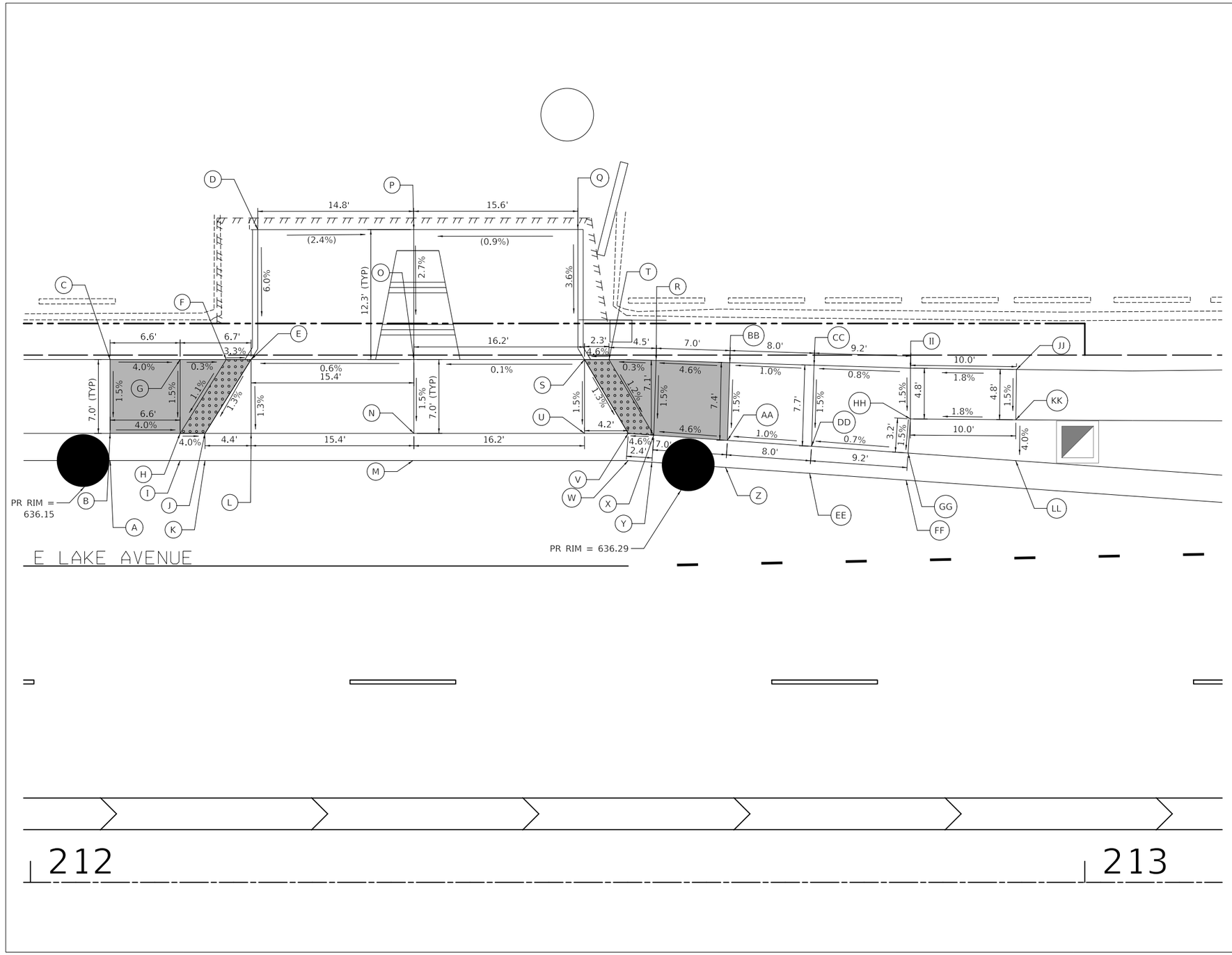
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 5 10

ADA GRADING PLAN

SHEET 6 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	82
		CONTRACT NO. 61K82		
		ILLINOIS		



GATEWAY CENTER - E LAKE ENTRANCE			
	STATION	OFFSET	ELEVATION
A	212+07.56	40.00'LT	636.15
B	212+07.56	42.58'LT	636.53
C	212+07.56	49.58'LT	636.64
D	212+21.56	61.90'LT	(637.04)
E	212+20.93	49.58'LT	636.28
F	212+18.57	49.58'LT	636.36
G	212+14.20	49.58'LT	636.38
H	212+14.20	42.58'LT	636.27
I	212+14.20	40.00'LT	636.16
J	212+16.56	42.58'LT	636.18
K	212+16.56	40.00'LT	636.17
L	212+20.93	42.58'LT	636.19
M	212+36.28	40.00'LT	636.26
N	212+36.37	42.58'LT	636.27
O	212+36.37	49.58'LT	636.37
P	212+36.36	61.91'LT	(636.69)
Q	212+51.92	61.91'LT	(636.83)
R	212+59.34	49.50'LT	636.51
S	212+52.55	49.58'LT	636.39
T	212+54.87	49.58'LT	636.49
U	212+52.53	42.58'LT	636.28
V	212+56.70	42.58'LT	636.28
W	212+56.70	40.00'LT	636.27
X	212+59.12	42.41'LT	636.93
Y	212+58.94	39.84'LT	636.28
Z	212+65.93	39.35'LT	636.33
AA	212+66.11	41.92'LT	636.71
BB	212+66.33	49.29'LT	636.82
CC	212+74.32	49.04'LT	636.80
DD	212+74.09	41.36'LT	636.78
EE	212+73.91	38.79'LT	636.40
FF	212+83.05	38.14'LT	636.47
GG	212+83.24	40.71'LT	636.85
HH	212+83.46	43.94'LT	636.86
II	212+83.47	48.76'LT	636.97
JJ	212+93.52	48.64'LT	(637.65)
KK	212+93.46	43.87'LT	(636.55)
LL	212+93.50	38.57'LT	636.92

NOTE:

1) LINES SHOWN WITHIN SIDEWALKS ARE INTENDED TO DEMONSTRATE ADA COMPLIANCE AND NOT JOINT LINES. JOINTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

LEGEND

	DETECTABLE WARNINGS (SPECIAL)
X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION
	P.C.C. SIDEWALK 8 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"

GATEWAY CENTER (E LAKE ENTRANCE)

PLAN: SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\12-Grading Plans\3681-ADA

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CHECKED -	DJK	REVISED -
DATE -	7/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
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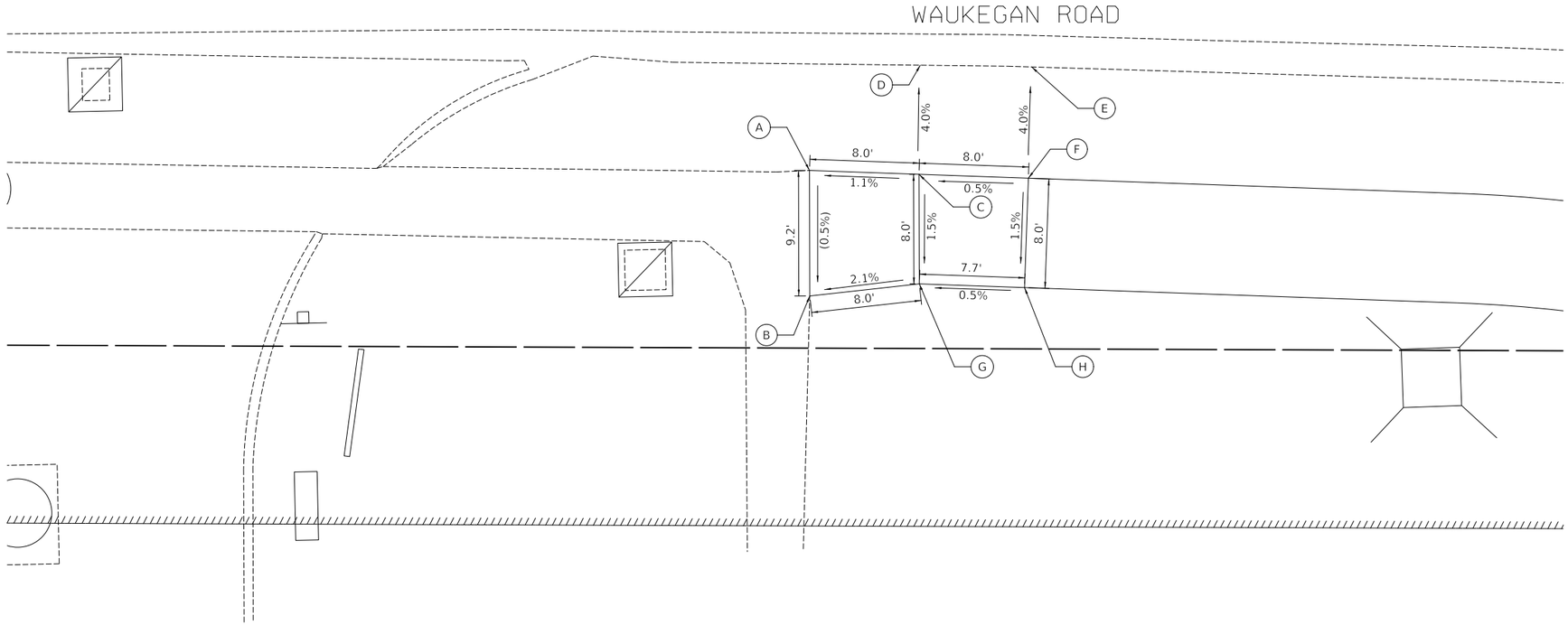
ADA GRADING PLAN

SHEET 7 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	83
		CONTRACT NO. 61K82		
		ILLINOIS		

104 | 10



ELEMENTARY SCHOOL TIE-IN			
	STATION	OFFSET	ELEVATION
A	104+51.00	35.22' RT	(636.46)
B	104+51.02	44.40' RT	(636.51)
C	104+58.99	35.51' RT	636.55
D	104+59.09	27.53' RT	(636.23)
E	104+67.23	27.66' RT	(636.26)
F	104+66.99	35.79' RT	636.59
G	104+59.02	43.51' RT	636.67
H	104+66.70	43.79' RT	636.71

NOTE:

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LEGEND

DETECTABLE WARNINGS (SPECIAL)

X% / XXX.XX PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\12-Grading Plans\3683-ADA

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CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

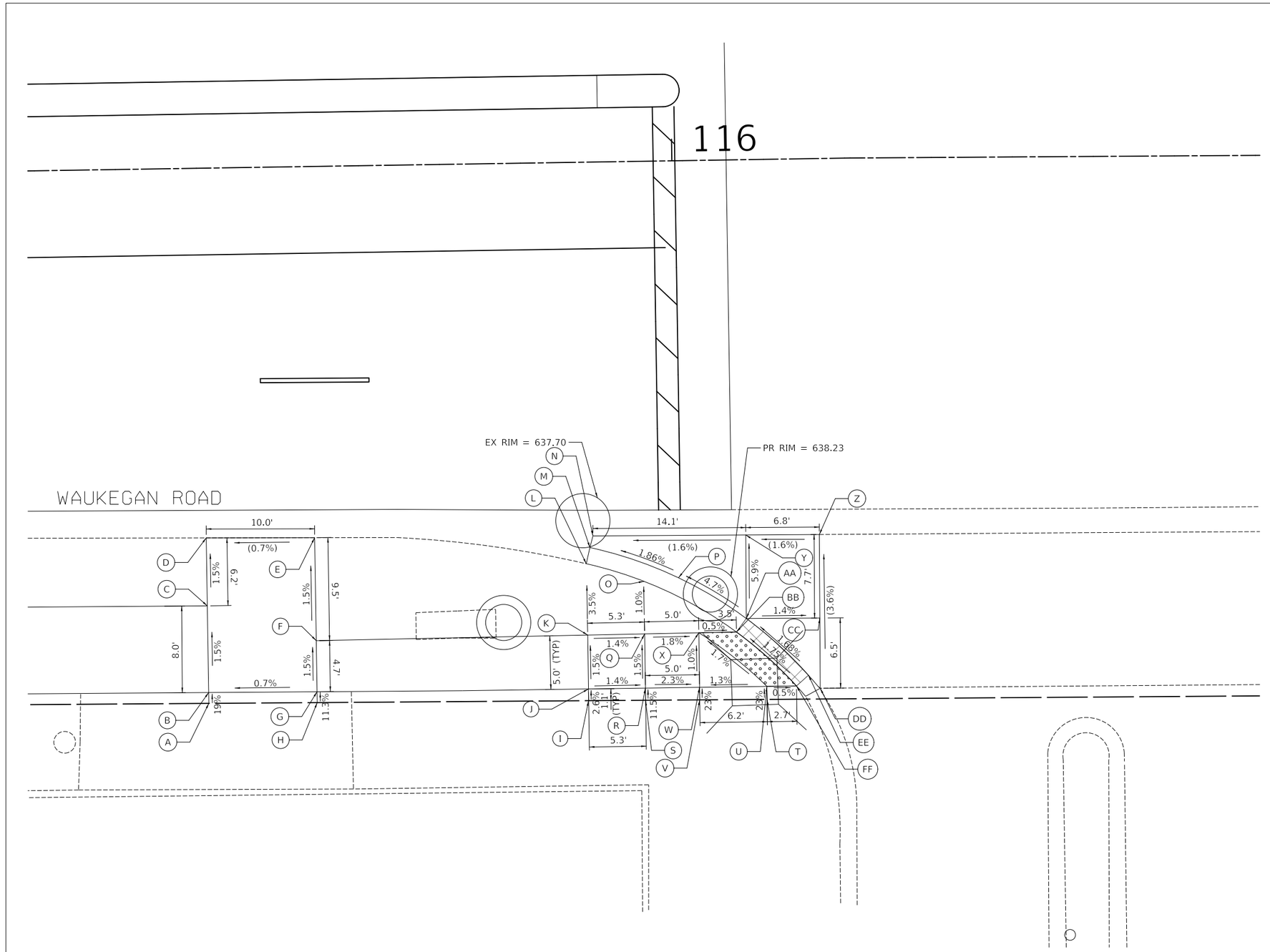
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 5 10

ADA GRADING PLAN

SHEET 8 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	84
		CONTRACT NO. 61K82		
	ILLINOIS			



GATEWAY CENTER - NORTH ENTRANCE

GATEWAY CENTER - NORTH ENTRANCE			
	STATION	OFFSET	ELEVATION
A	115+56.50	49.39'RT	(638.57)
B	115+56.50	38.39'RT	638.38
C	115+56.50	40.39'RT	638.26
D	115+56.50	34.12'RT	(638.17)
E	115+66.50	34.26'RT	(638.24)
F	115+66.50	43.76'RT	638.38
G	115+66.50	48.48'RT	638.45
H	115+66.50	49.48'RT	(638.56)
I	115+91.54	49.69'RT	(638.71)
J	115+91.55	48.61'RT	638.68
K	115+91.55	43.64'RT	638.61
L	115+91.52	37.05'RT	638.37
M	115+91.88	35.57'RT	(637.93)
N	115+92.18	34.50'RT	637.76
O	115+96.81	38.76'RT	638.48
P	116+00.01	38.48'RT	638.10
Q	115+96.80	43.61'RT	638.53
R	115+96.80	48.62'RT	638.61
S	115+96.80	49.75'RT	(638.74)
T	116+08.00	49.83'RT	(638.80)
U	116+08.00	48.63'RT	638.55
V	116+01.79	49.79'RT	(638.76)
W	116+01.79	48.62'RT	638.49
X	116+01.79	43.58'RT	638.44
Y	116+06.28	34.63'RT	(637.98)
Z	116+13.06	34.70'RT	(638.09)
AA	116+06.20	42.34'RT	638.43
BB	116+05.28	43.57'RT	638.42
CC	116+12.99	42.40'RT	(638.35)
DD	116+12.93	48.88'RT	(638.60)
EE	116+11.86	47.66'RT	638.57
FF	116+10.74	48.64'RT	638.56

NOTE:

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LEGEND

	DETECTABLE WARNINGS (SPECIAL)
	LIMITS OF ADA DEPRESSED CURB
X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO(TA)%S CHKD, NOTE BOOK, NO., BY, DATE

MODEL: $MODELNAME$
FILE NAME: ...\12-Grading Plans\3681-ADA

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
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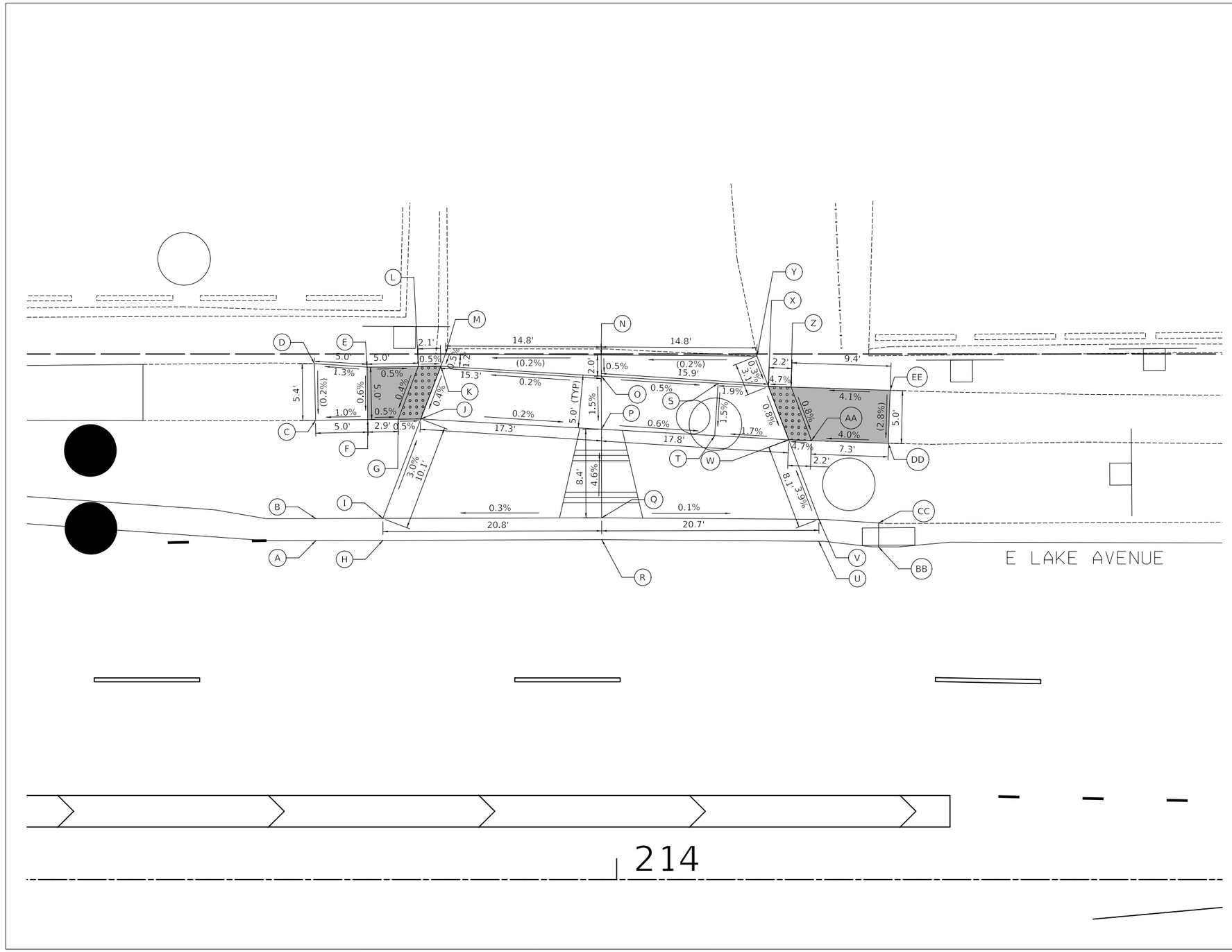
ADA GRADING PLAN

SHEET 9 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	85
		CONTRACT NO. 61K82		
		ILLINOIS		



GATEWAY CENTER (EASTERN E LAKE ENTRANCE)

GATEWAY CENTER - EASTERN E LAKE ENTRANCE			
	STATION	OFFSET	ELEVATION
A	213+71.40	32.26'LT	(636.88)
B	213+71.40	34.34'LT	637.29
C	213+71.37	43.70'LT	(636.62)
D	213+71.25	49.08'LT	(636.63)
E	213+76.26	48.75'LT	636.68
F	213+76.32	43.76'LT	636.65
G	213+79.22	43.79'LT	636.64
H	213+77.77	32.28'LT	(636.90)
I	213+77.77	34.36'LT	636.93
J	213+81.37	43.81'LT	636.63
K	213+83.28	48.83'LT	636.65
L	213+81.13	48.81'LT	636.66
M	213+83.72	50.00'LT	(636.66)
N	213+98.53	49.90'LT	(636.69)
O	213+98.54	47.89'LT	636.68
P	213+98.55	42.84'LT	636.60
Q	213+98.57	34.42'LT	636.99
R	213+98.58	32.34'LT	(636.96)
S	214+09.64	47.21'LT	636.62
T	214+09.32	42.23'LT	636.54
U	214+19.21	32.19'LT	(636.95)
V	214+19.22	34.27'LT	636.98
W	214+16.35	41.84'LT	636.66
X	214+14.43	46.91'LT	636.70
Y	214+13.34	49.80'LT	(636.72)
Z	214+16.59	46.85'LT	636.81
AA	214+18.52	41.76'LT	636.77
BB	214+24.90	31.65'LT	(636.95)
CC	214+24.92	33.92'LT	(637.13)
DD	214+25.83	41.50'LT	(637.06)
EE	214+26.01	46.54'LT	(637.20)

NOTE:

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LEGEND

	DETECTABLE WARNINGS (SPECIAL)
X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION
	P.C.C. SIDEWALK 8 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\12-Grading Plans\36831-ADA

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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ADA GRADING PLAN

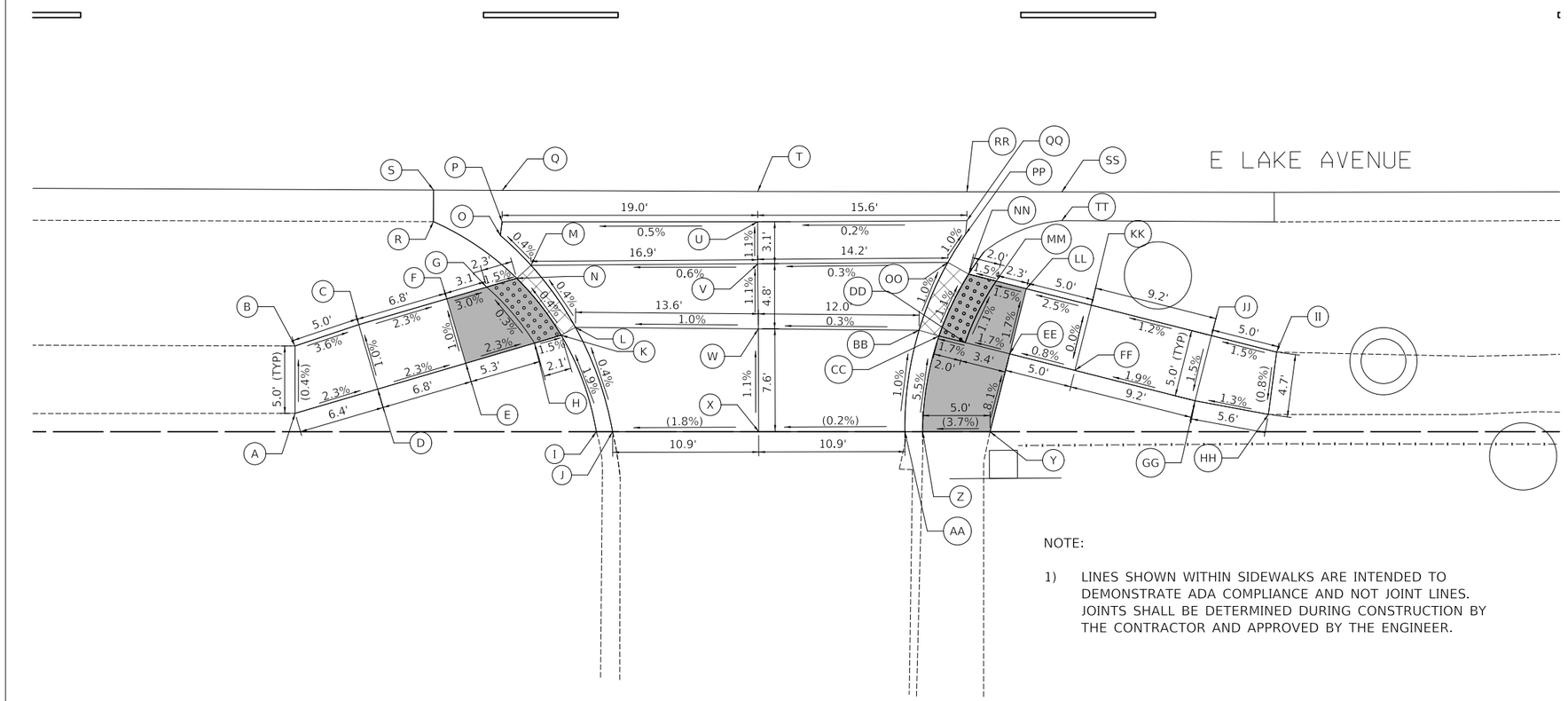
SHEET 10 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	86
		CONTRACT NO. 61K82		
		ILLINOIS		

PLAN
SURVEYED
PLOTTED
CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHECKED
B.M. NOTED
STRUCTURE NO/ATP/IS CI/KD
NOTE BOOK
NO.
BY
DATE

213



LYON ELEMENTARY SCHOOL

LYON ELEMENTARY SCHOOL			
	STATION	OFFSET	ELEVATION
A	212+96.29	48.63' RT	(637.14)
B	212+96.29	43.62' RT	(637.12)
C	213+01.03	42.03' RT	636.95
D	213+02.44	46.83' RT	637.00
E	213+08.99	44.91' RT	636.84
F	213+07.58	40.11' RT	636.79
G	213+10.55	39.24' RT	636.69
H	213+14.11	43.41' RT	636.71
I	213+18.71	50.00' RT	(636.83)
J	213+19.92	50.00' RT	(636.72)
K	213+16.10	42.82' RT	636.68
L	213+17.16	42.23' RT	636.69
M	213+13.85	37.62' RT	636.67
N	213+12.79	38.59' RT	636.66
O	213+11.57	35.40' RT	636.66
P	213+11.71	34.39' RT	636.65
Q	213+11.72	32.04' RT	(636.72)
R	213+06.59	34.37' RT	(636.95)
S	213+06.60	32.02' RT	(696.69)
T	213+30.73	32.12' RT	(636.81)
U	213+30.72	34.38' RT	636.74
V	213+30.75	37.50' RT	636.77
W	213+30.77	42.35' RT	636.83
X	213+30.81	50.00' RT	(636.91)
Y	213+48.02	50.00' RT	(637.44)
Z	213+43.00	50.00' RT	(637.25)
AA	213+41.70	50.00' RT	(636.94)
BB	213+42.74	42.45' RT	636.86
CC	213+44.22	42.87' RT	636.85
DD	213+46.17	43.37' RT	636.89
EE	213+49.49	44.21' RT	636.95
FF	213+54.33	45.43' RT	636.99
GG	213+63.28	47.70' RT	636.81
HH	213+68.74	48.71' RT	(636.77)
II	213+69.35	44.08' RT	(636.81)
JJ	213+64.51	42.85' RT	696.88
KK	213+55.56	40.59' RT	636.99
LL	213+50.71	39.36' RT	639.87
MM	213+48.47	38.79' RT	636.83
NN	213+46.43	38.28' RT	636.80
OO	213+44.88	37.40' RT	636.81
PP	213+46.20	35.30' RT	636.78
QQ	213+46.30	34.30' RT	636.77
RR	213+46.30	32.15' RT	(636.82)
SS	213+53.36	32.16' RT	(636.82)
TT	213+53.36	34.30' RT	637.23

NOTE:

1) LINES SHOWN WITHIN SIDEWALKS ARE INTENDED TO DEMONSTRATE ADA COMPLIANCE AND NOT JOINT LINES. JOINTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

LEGEND

- DETECTABLE WARNINGS (SPECIAL)
- X% / XXX.XX — PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) — EXISTING SLOPE / ELEVATION
- P.C.C. SIDEWALK 8 INCH
  SUBBASE GRANULAR MATERIAL, TYPE B 4"
- LIMITS OF ADA DEPRESSED CURB

MODEL: $MODELNAME$
FILE NAME: ...\12-Grading Plans\3683-ADA

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DEPARTMENT OF TRANSPORTATION

SCALE
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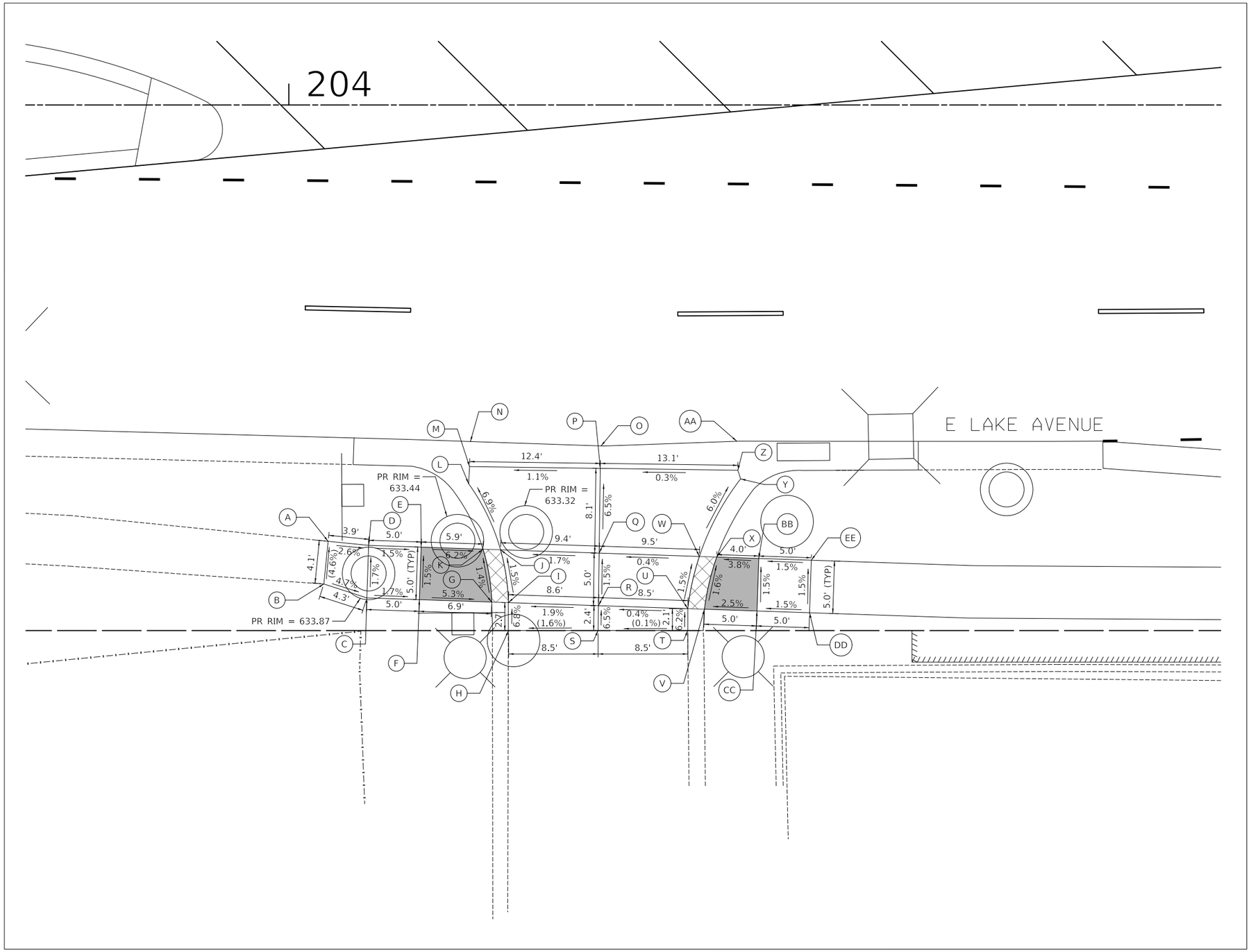
ADA GRADING PLAN

SHEET 11 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	87
		CONTRACT NO. 61K82		
	ILLINOIS			



CITIBANK

CITIBANK			
	STATION	OFFSET	ELEVATION
A	204+03.73	41.51'RT	(633.93)
B	204+03.33	45.57'RT	(634.11)
C	204+07.42	46.89'RT	633.91
D	204+07.59	41.89'RT	633.83
E	204+12.58	42.06'RT	633.75
F	204+12.41	47.06'RT	633.83
G	204+19.29	47.29'RT	633.46
H	204+20.87	50.00'RT	(633.64)
I	204+20.87	47.34'RT	633.45
J	204+20.13	42.32'RT	633.38
K	204+18.46	42.26'RT	633.39
L	204+17.09	36.02'RT	632.89
M	204+17.18	34.40'RT	632.88
N	204+17.26	32.02'RT	(632.87)
O	204+29.69	32.44'RT	(633.01)
P	204+29.61	34.57'RT	633.02
Q	204+29.50	42.63'RT	633.54
R	204+29.44	47.63'RT	633.62
S	204+29.40	50.00'RT	(633.77)
T	204+37.93	50.00'RT	(633.78)
U	204+37.93	47.92'RT	633.65
V	204+39.52	47.97'RT	633.66
W	204+39.04	42.95'RT	633.57
X	204+40.69	43.01'RT	633.58
Y	204+42.96	35.57'RT	633.07
Z	204+42.69	34.75'RT	633.06
AA	204+42.60	31.99'RT	(633.05)
BB	204+44.68	43.14'RT	633.71
CC	204+44.52	48.14'RT	633.79
DD	204+49.51	48.30'RT	633.86
EE	204+49.68	43.31'RT	633.78

NOTE:

1) LINES SHOWN WITHIN SIDEWALKS ARE INTENDED TO DEMONSTRATE ADA COMPLIANCE AND NOT JOINT LINES. JOINTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

LEGEND

	DETECTABLE WARNINGS (SPECIAL)
X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION
	P.C.C. SIDEWALK 8 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"
	LIMITS OF ADA DEPRESSED CURB

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAME5
FILE NAME: ...\12-Grading Plans\3681-ADA

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DRAWN -	JFG	REVISED -
CHECKED -	DJK	REVISED -
DATE -	7/13/2026	REVISED -

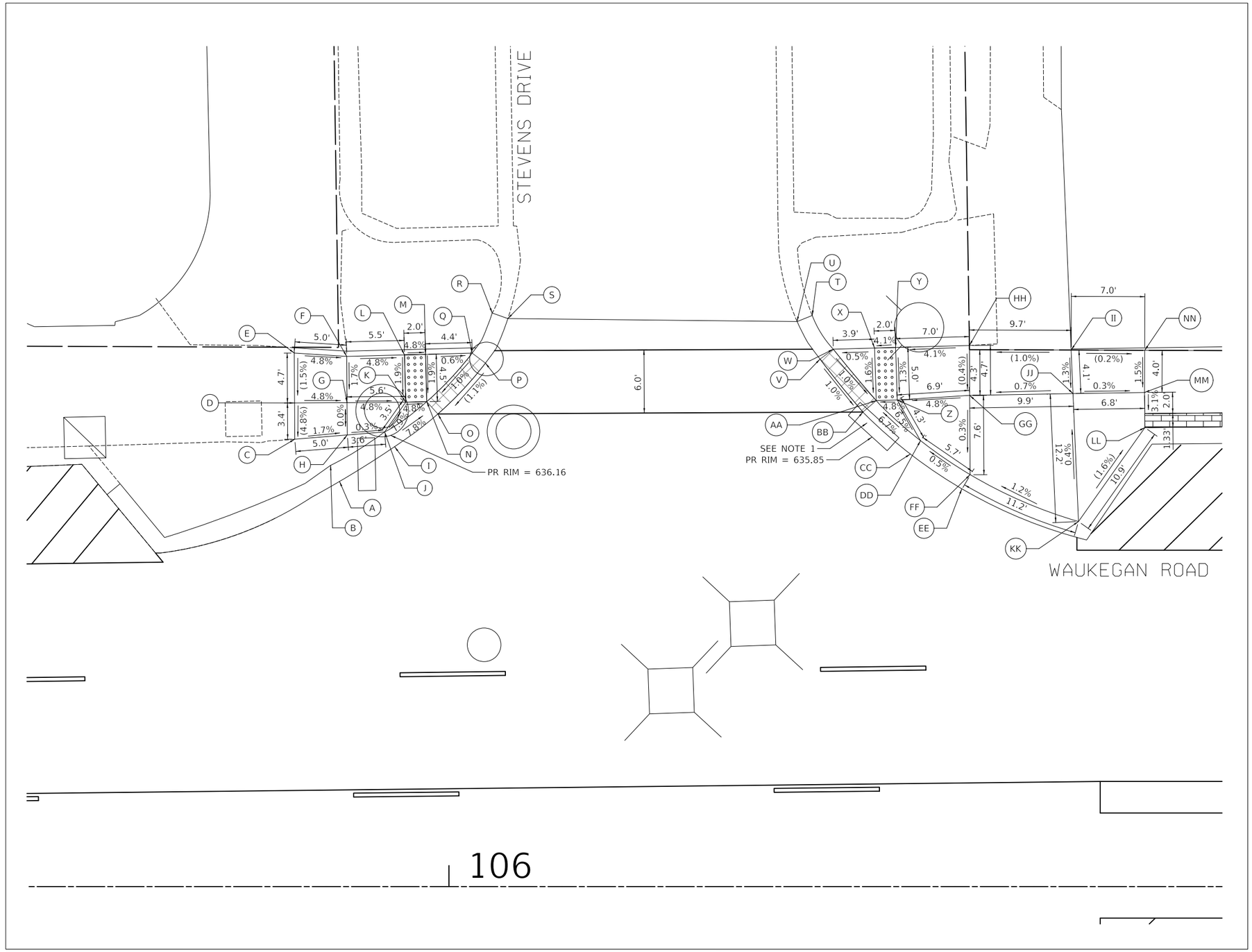
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 5 10

ADA GRADING PLAN

SHEET 12 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	88
		CONTRACT NO. 61K82		
		ILLINOIS		



NOTE:

1) A QUANTITY OF HMA BINDER COURSE, IL-9.5, N70 HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER TO ACCOUNT FOR RAISED EDGE OF PAVEMENT GRADE.

2) LINES SHOWN WITHIN SIDEWALKS ARE INTENDED TO DEMONSTRATE ADA COMPLIANCE AND NOT JOINT LINES. JOINTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

STEVENS DRIVE				TOP OF CURB ELEVATION
	STATION	OFFSET	ELEVATION	
A	105+89.59	38.54'LT	(635.89)	
B	105+88.74	40.07'LT	636.33	
C	105+85.34	42.56'LT	(636.40)	
D	105+85.32	46.01'LT	(636.57)	
E	105+85.29	50.75'LT	(636.64)	(636.64)
F	105+90.28	50.43'LT	636.39	(636.49)
G	105+90.30	46.03'LT	636.31	
H	105+90.33	42.96'LT	636.31	
I	105+94.83	41.85'LT	(635.86)	
J	105+93.88	43.25'LT	636.30	
K	105+95.89	46.08'LT	636.03	
L	105+95.77	50.58'LT	636.11	636.42
M	105+97.77	50.63'LT	636.01	636.42
N	105+97.89	46.13'LT	635.93	
O	105+98.95	44.95'LT	(635.94)	
P	106+03.47	49.80'LT	(636.00)	
Q	106+02.21	50.74'LT	635.99	636.49
R	106+04.12	54.56'LT	(636.52)	
S	106+05.61	54.03'LT	(636.10)	
T	106+34.55	54.33'LT	(636.42)	
U	106+33.12	53.75'LT	(636.00)	
V	106+35.30	50.17'LT	(635.98)	
W	106+36.56	51.12'LT	635.97	
X	106+40.48	51.23'LT	635.99	
Y	106+42.48	51.28'LT	636.07	
Z	106+42.64	46.29'LT	636.01	
AA	106+40.65	46.23'LT	635.91	
BB	106+39.38	45.14'LT	635.92	
CC	106+43.89	41.14'LT	635.86	
DD	106+44.86	42.42'LT	636.30	
EE	106+48.79	37.84'LT	(635.88)	
FF	106+49.57	39.19'LT	636.32	
GG	106+49.53	46.73'LT	636.34	
HH	106+49.51	51.47'LT	(636.36)	
II	106+59.18	51.04'LT	(636.47)	
JJ	106+59.36	46.90'LT	636.39	
KK	106+59.88	34.73'LT	636.45	
LL	106+66.20	43.66'LT	636.29	
MM	106+66.20	47.00'LT	636.39	
NN	106+66.20	51.00'LT	(636.45)	

LEGEND

DETECTABLE WARNINGS (SPECIAL)

LIMITS OF ADA DEPRESSED CURB

BRICK PAVER SIDEWALK
(4 ROW RUNNING BOND PATTERN)
SUBBASE GRANULAR MATERIAL, TYPE B 4"

X% / XXX.XX PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: \MODELNAMES
FILE NAME: ...\12-Grading Plans\3683-ADA

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DRAWN - JFG	REVISED -	
CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

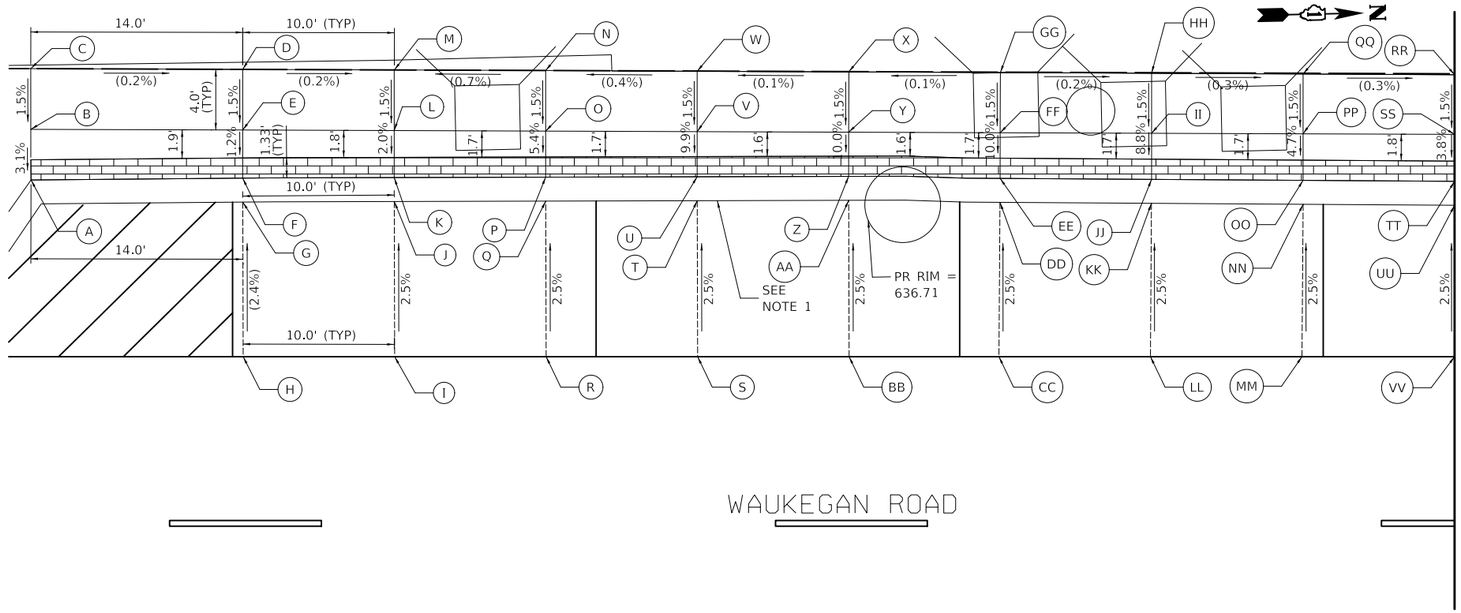
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 5 10

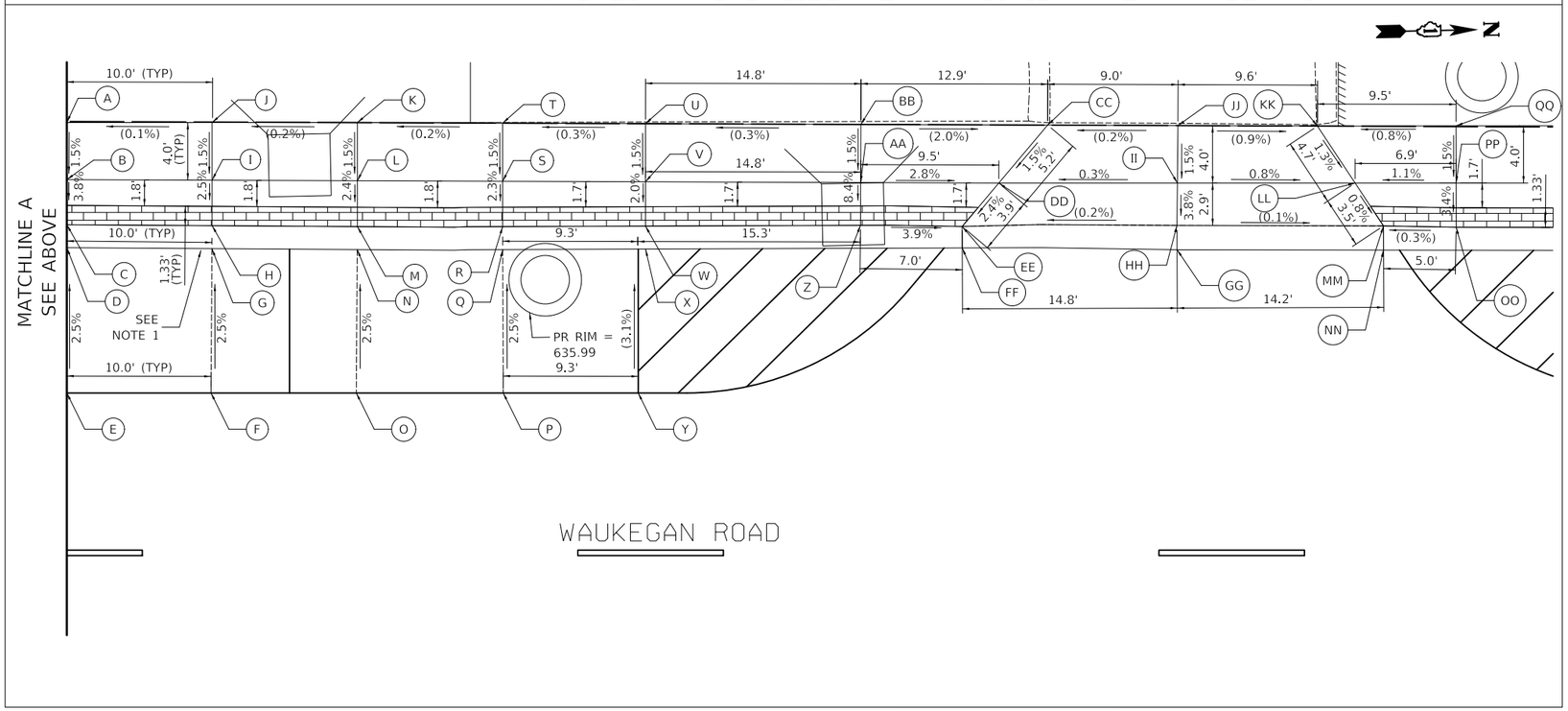
ADA GRADING PLAN

SHEET 13 OF 14 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	89
		CONTRACT NO. 61K82		
	ILLINOIS			



WAUKEGAN ROAD SIDEWALK / CITIBANK ENTRANCE (TOP)



WAUKEGAN ROAD SIDEWALK / CITIBANK ENTRANCE (BOTTOM)

WAUKEGAN ROAD SIDEWALK/CITI BANK (TOP VIEW)			
	STATION	OFFSET	ELEVATION
A	106+66.20	43.66'LT	636.29
B	106+66.20	47.00'LT	636.39
C	106+66.20	51.00'LT	(636.45)
D	106+80.17	50.96'LT	(636.42)
E	106+80.17	46.96'LT	636.34
F	106+80.17	43.79'LT	636.32
G	106+80.17	42.21'LT	(635.88)
H	106+80.17	32.00'LT	(636.13)
I	106+90.17	32.00'LT	(636.10)
J	106+90.17	42.24'LT	635.84
K	106+90.17	43.82'LT	636.28
L	106+90.17	46.93'LT	636.34
M	106+90.17	50.93'LT	(636.40)
N	107+00.17	50.89'LT	(636.47)
O	107+00.17	46.89'LT	636.41
P	107+00.17	43.85'LT	636.25
Q	107+00.17	42.27'LT	635.81
R	107+00.17	32.00'LT	(636.06)
S	107+10.17	32.00'LT	(635.98)
T	107+10.17	42.30'LT	635.72
U	107+10.17	43.88'LT	636.16
V	107+10.17	46.86'LT	636.45
W	107+10.17	50.84'LT	(636.51)
X	107+20.17	50.80'LT	(636.52)
Y	107+20.17	46.82'LT	636.46
Z	107+20.17	43.90'LT	636.16
AA	107+20.17	42.32'LT	635.72
BB	107+20.20	32.00'LT	(635.97)
CC	107+30.09	32.00'LT	(635.97)
DD	107+30.16	42.19'LT	635.72
EE	107+30.17	43.77'LT	636.16
FF	107+30.17	46.78'LT	636.46
GG	107+30.19	50.76'LT	(636.52)
HH	107+40.17	50.71'LT	(636.50)
II	107+40.17	46.75'LT	636.44
JJ	107+40.17	43.70'LT	636.18
KK	107+40.17	42.12'LT	635.74
LL	107+40.09	32.00'LT	(636.00)
MM	107+50.09	32.00'LT	(636.08)
NN	107+50.17	42.06'LT	635.83
OO	107+50.17	43.64'LT	636.27
PP	107+50.17	46.71'LT	636.41
QQ	107+50.17	50.66'LT	(636.47)
RR	107+60.17	50.61'LT	(636.44)
SS	107+60.17	46.67'LT	636.38
TT	107+60.17	43.58'LT	636.27
UU	107+60.17	42.00'LT	635.83
VV	107+60.09	32.00'LT	(636.08)

WAUKEGAN ROAD SIDEWALK/CITI BANK (BOTTOM VIEW)			
	STATION	OFFSET	ELEVATION
A	107+60.17	50.61'LT	(636.44)
B	107+60.17	46.67'LT	636.33
C	107+60.17	43.58'LT	636.27
D	107+60.17	42.00'LT	635.83
E	107+60.09	32.00'LT	(636.08)
F	107+70.09	32.00'LT	(636.13)
G	107+70.17	41.93'LT	635.88
H	107+70.17	43.51'LT	636.32
I	107+70.17	46.64'LT	636.39
J	107+70.17	50.61'LT	(636.45)
K	107+80.17	50.60'LT	(636.47)
L	107+80.17	46.60'LT	636.41
M	107+80.17	43.45'LT	636.34
N	107+80.17	41.87'LT	635.90
O	107+80.10	32.00'LT	(636.15)
P	107+90.21	32.00'LT	(636.17)
Q	107+90.18	41.87'LT	635.92
R	107+90.17	43.45'LT	636.36
S	107+90.17	46.57'LT	636.43
T	107+90.17	50.57'LT	(636.49)
U	108+00.00	50.53'LT	(636.52)
V	108+00.00	46.53'LT	636.46
W	108+00.00	43.48'LT	636.40
X	108+00.00	41.90'LT	(635.96)
Y	108+00.00	32.00'LT	(636.27)
Z	108+14.81	43.53'LT	636.43
AA	108+14.81	46.48'LT	636.51
BB	108+14.81	50.48'LT	(636.57)
CC	108+27.68	50.43'LT	(636.32)
DD	108+24.32	46.44'LT	636.25
EE	108+21.80	43.45'LT	(636.15)
FF	108+21.81	41.98'LT	(636.03)
GG	108+36.59	41.86'LT	(636.11)
HH	108+36.59	43.53'LT	(636.17)
II	108+36.59	46.44'LT	636.28
JJ	108+36.65	50.40'LT	(636.34)
KK	108+46.25	50.36'LT	(636.25)
LL	108+48.85	46.44'LT	636.19
MM	108+50.80	43.49'LT	(636.16)
NN	108+50.80	41.83'LT	(636.08)
OO	108+55.80	43.40'LT	(636.17)
PP	108+55.80	46.44'LT	636.27
QQ	108+50.80	50.37'LT	(636.33)

NOTE:

1) A QUANTITY OF HMA BINDER COURSE, IL-9.5, N70 HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER TO ACCOUNT FOR RAISED EDGE OF PAVEMENT GRADE.

2) LINES SHOWN WITHIN SIDEWALKS ARE INTENDED TO DEMONSTRATE ADA COMPLIANCE AND NOT JOINT LINES. JOINTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

LEGEND

X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION
	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH SUBBASE GRANULAR MATERIAL, TYPE B 4"

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

MODEL: SMODELNAME5
FILE NAME: ...\12-Grading Plans\3681-ADA

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DATE -	7/13/2026	REVISED -

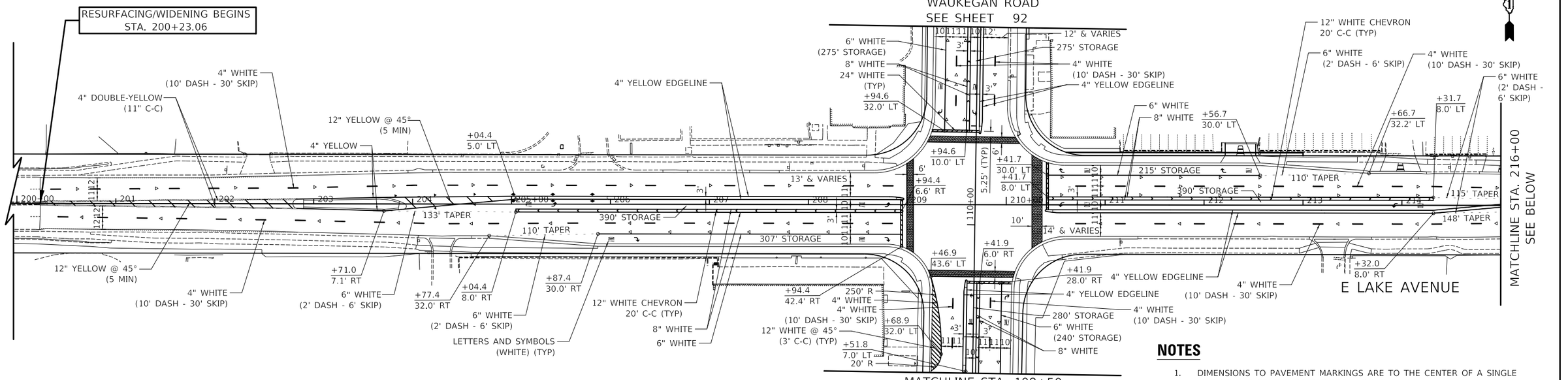
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 5 10

ADA GRADING PLAN

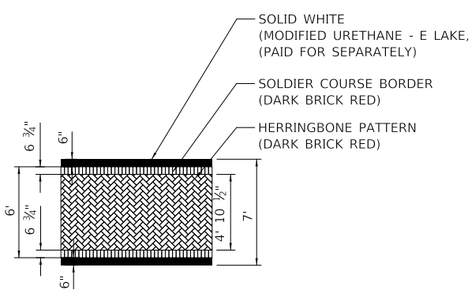
SHEET 14 OF 14 SHEETS

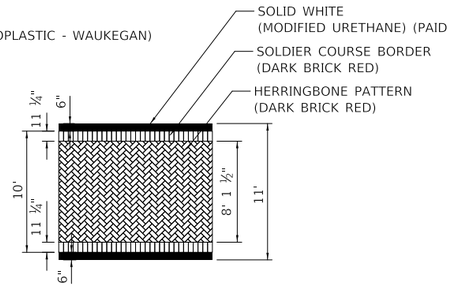
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	90
		CONTRACT NO. 61K82		
	ILLINOIS			



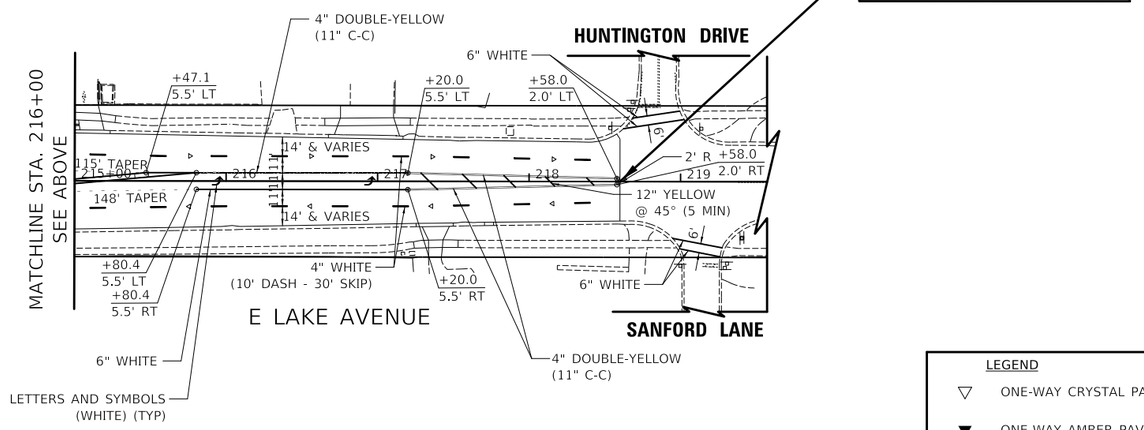
NOTES

1. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
2. ALL PAVEMENT MARKINGS ON E LAKE AVENUE SHALL BE MODIFIED URETHANE. ALL PAVEMENT MARKINGS ON WAUKEGAN ROAD SHALL BE THERMOPLASTIC.
3. ALL PAVEMENT MARKERS ON E LAKE AVENUE WILL BE PAID FOR AS "RECESSED REFLECTIVE PAVEMENT MARKER (HMA)".
4. ALL PAVEMENT MARKERS ON WAUKEGAN ROAD WILL BE PAID FOR AS "RAISED REFLECTIVE PAVEMENT MARKER.





PAVEMENT MARKING, SPECIAL DETAIL



LEGEND

- ▽ ONE-WAY CRYSTAL PAVEMENT MARKER
- ▼ ONE-WAY AMBER PAVEMENT MARKER
- ♦ TWO-WAY AMBER PAVEMENT MARKER
- ▩ PAVEMENT MARKING (SPECIAL)

PLAN / PROFILE — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., E.M. NOTED, STRUCTURE NOTATNS CHKD, DATE, BY

MODEL: \$MODELNAME\$
FILE NAME: ...\3683-plt-pmk.dgn

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DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 50 100

PAVEMENT MARKING PLAN

SHEET 1 OF 2 SHEETS

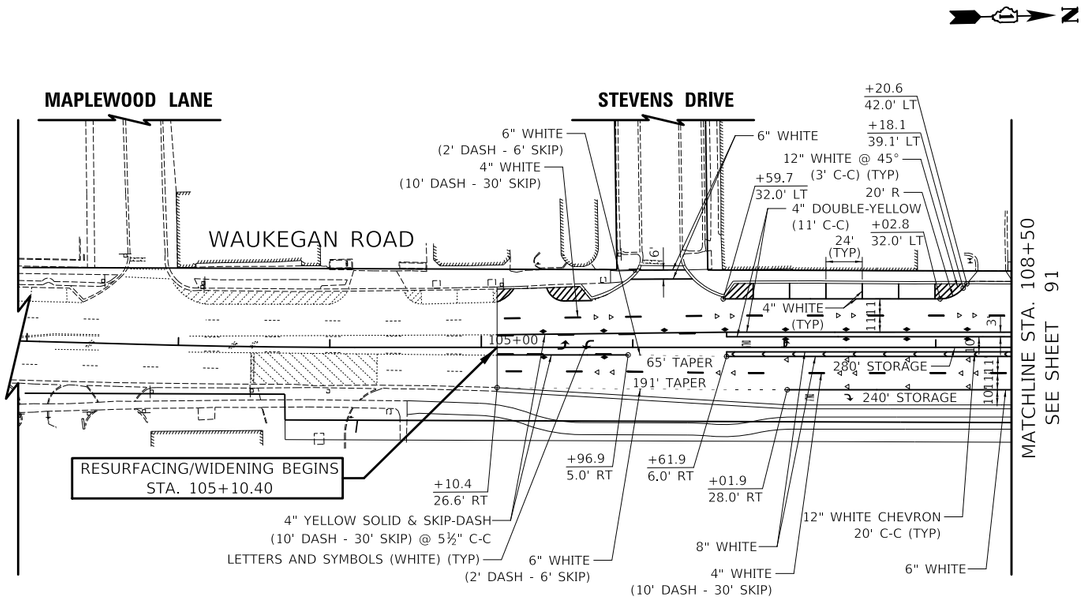
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	91
		CONTRACT NO. 61K82		
	ILLINOIS			

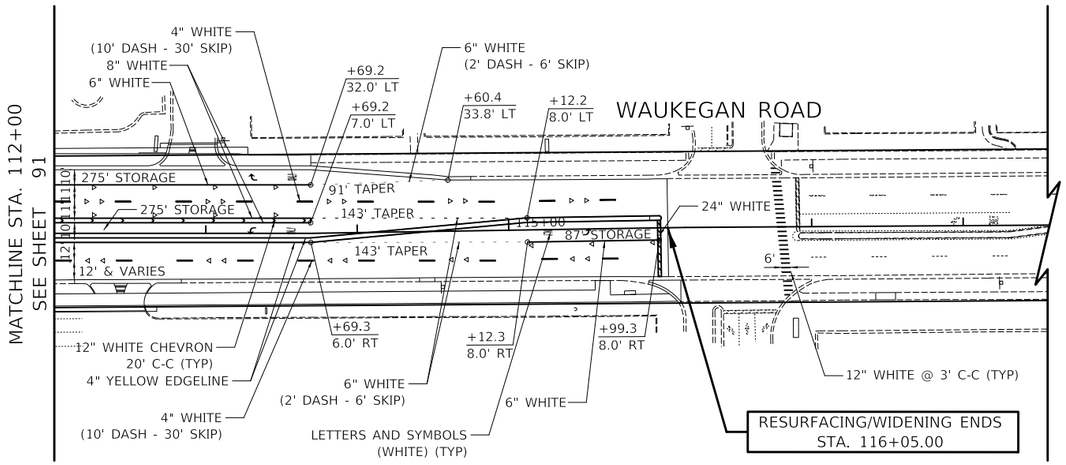
PLAN
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
DATE
BY
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
DATE
BY
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD

NOTES

1. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
2. ALL PAVEMENT MARKINGS ON E LAKE AVENUE SHALL BE MODIFIED URETHANE. ALL PAVEMENT MARKINGS ON WAUKEGAN ROAD SHALL BE THERMOPLASTIC.
3. ALL PAVEMENT MARKERS ON E LAKE AVENUE WILL BE PAID FOR AS "RECESSED REFLECTIVE PAVEMENT MARKER (HMA)".
4. ALL PAVEMENT MARKERS ON WAUKEGAN ROAD WILL BE PAID FOR AS "RAISED REFLECTIVE PAVEMENT MARKER.





LEGEND

- ▽ ONE-WAY CRYSTAL PAVEMENT MARKER
- ▼ ONE-WAY AMBER PAVEMENT MARKER
- ♦ TWO-WAY AMBER PAVEMENT MARKER
- ▩ PAVEMENT MARKING (SPECIAL)

MODEL: SMODELNAMES
FILE NAME: ...3681-sht-pmk.dgn

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DEPARTMENT OF TRANSPORTATION

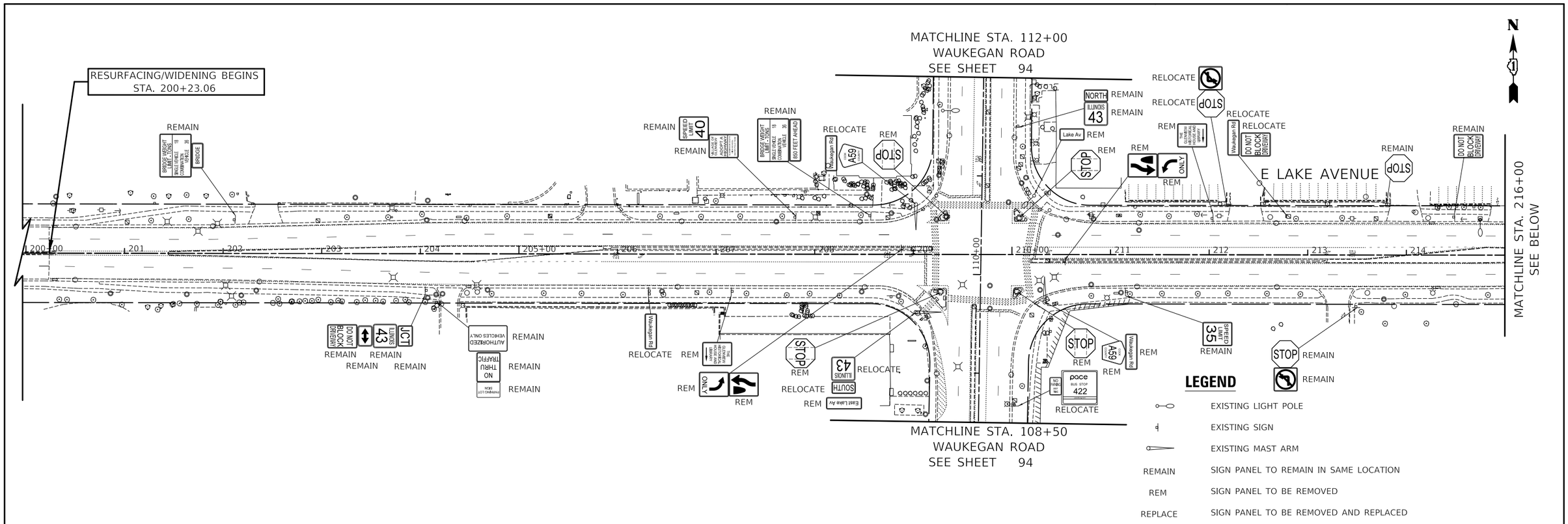
SCALE
0 50 100

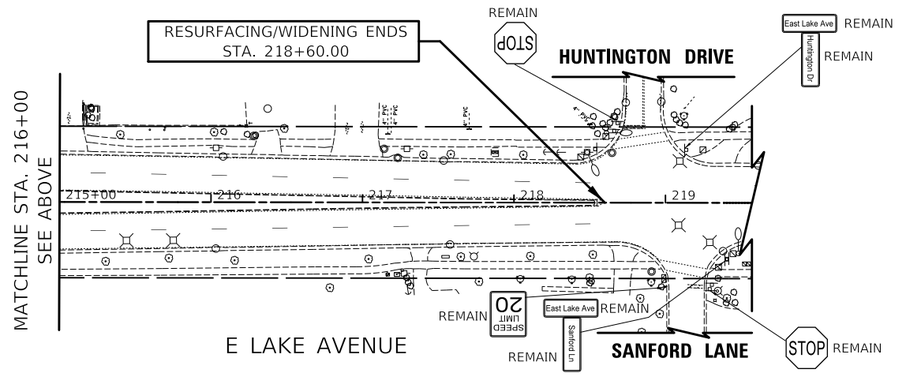
PAVEMENT MARKING PLAN

SHEET 2 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	92
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE





PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
S.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\3683-sht-ex sign.dgn

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DATE - 7/13/2026		REVISED -

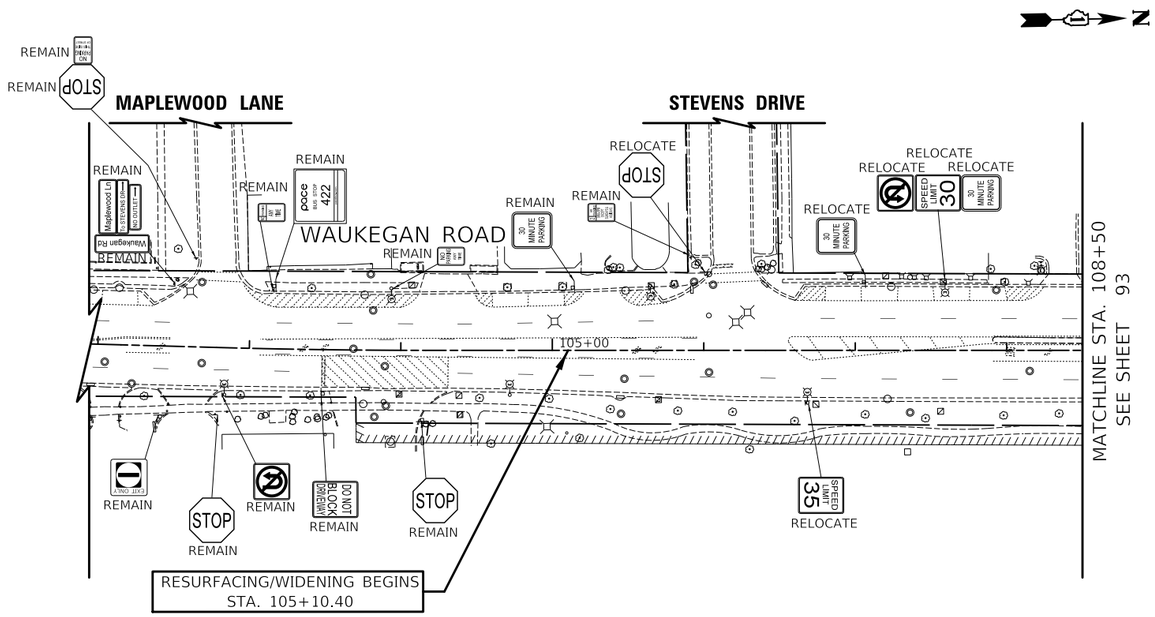
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

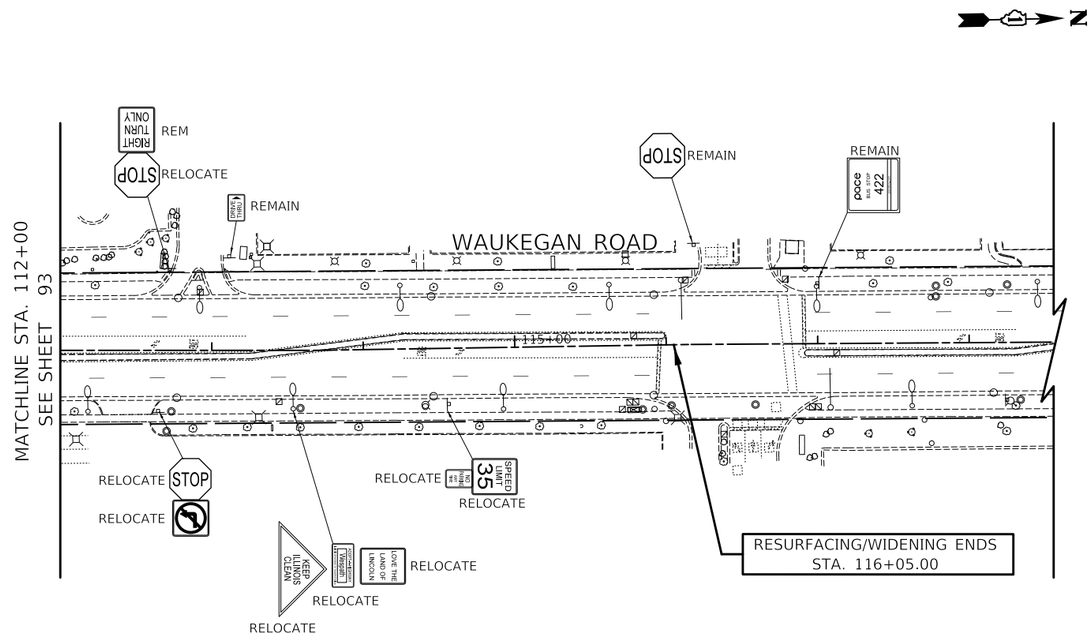
SCALE
0 50 100

EXISTING SIGNING PLAN

SHEET 1 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	93
		CONTRACT NO. 61K82		
	ILLINOIS			





LEGEND

	EXISTING LIGHT POLE
	EXISTING SIGN
	EXISTING MAST ARM
REMAIN	SIGN PANEL TO REMAIN IN SAME LOCATION
REM	SIGN PANEL TO BE REMOVED
REPLACE	SIGN PANEL TO BE REMOVED AND REPLACED

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO(TA'NS C'PKD), NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-sht-ex sign.dgn

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CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

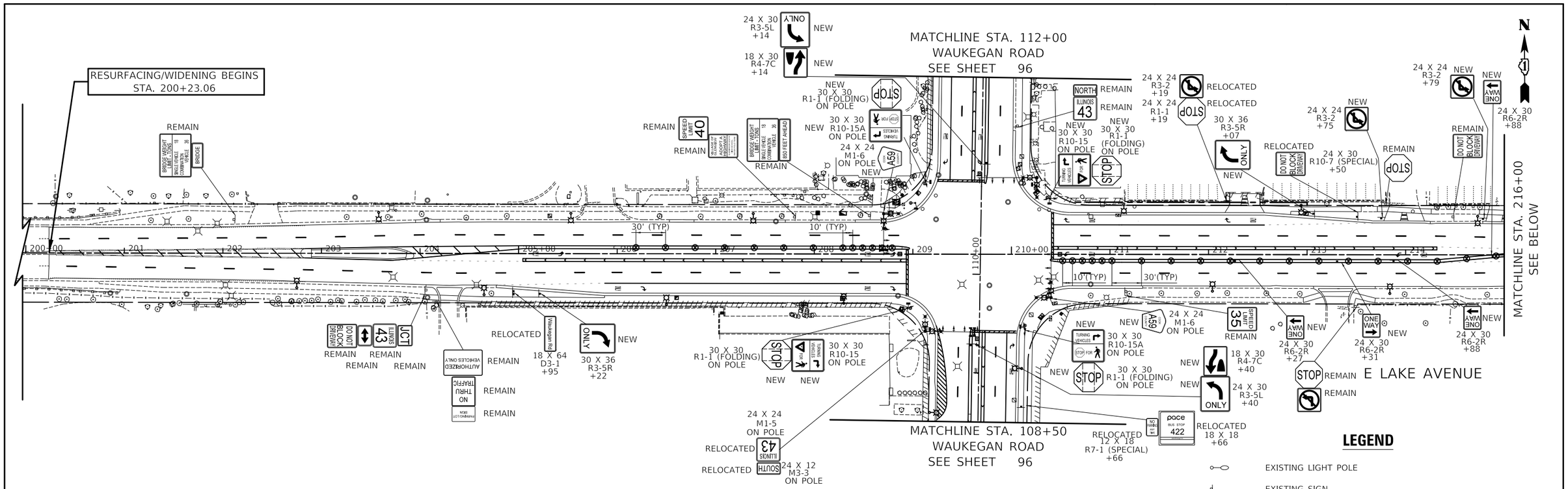
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

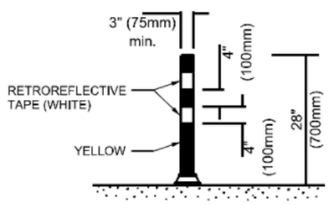
SCALE
0 50 100

EXISTING SIGNING PLAN

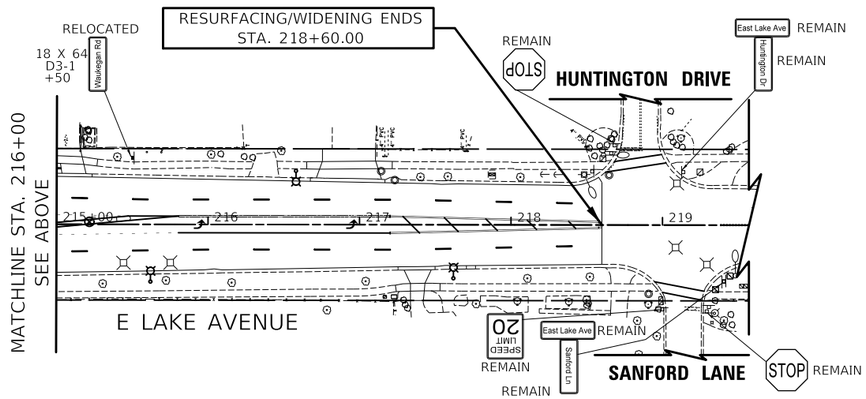
SHEET 2 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	94
		CONTRACT NO. 61K82		
	ILLINOIS			





FLEXIBLE DELINEATORS DETAIL



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PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\3683-sht-spr sign.dgn

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CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

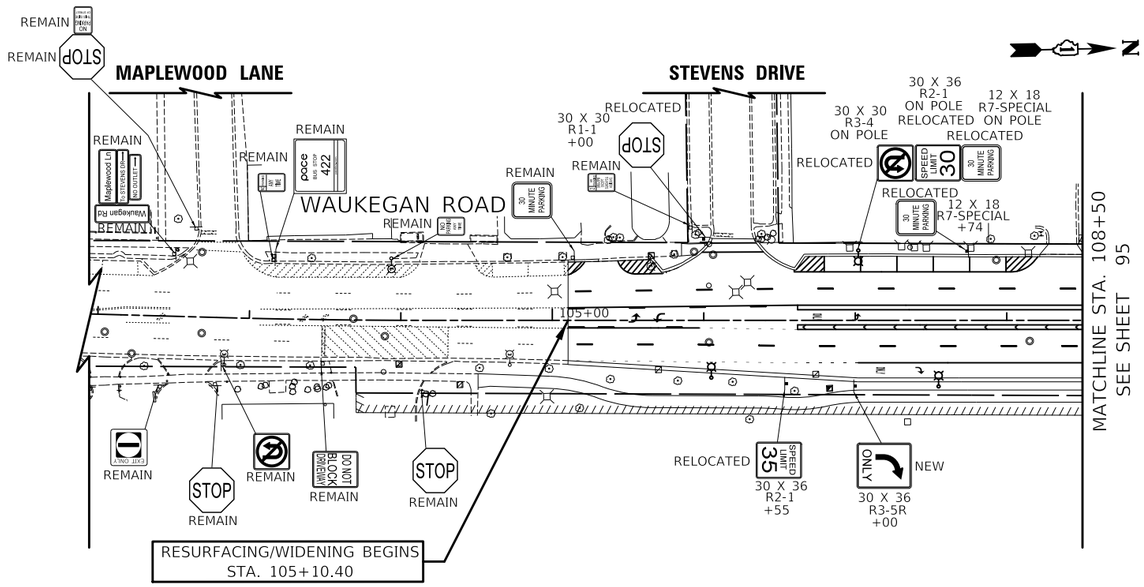
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

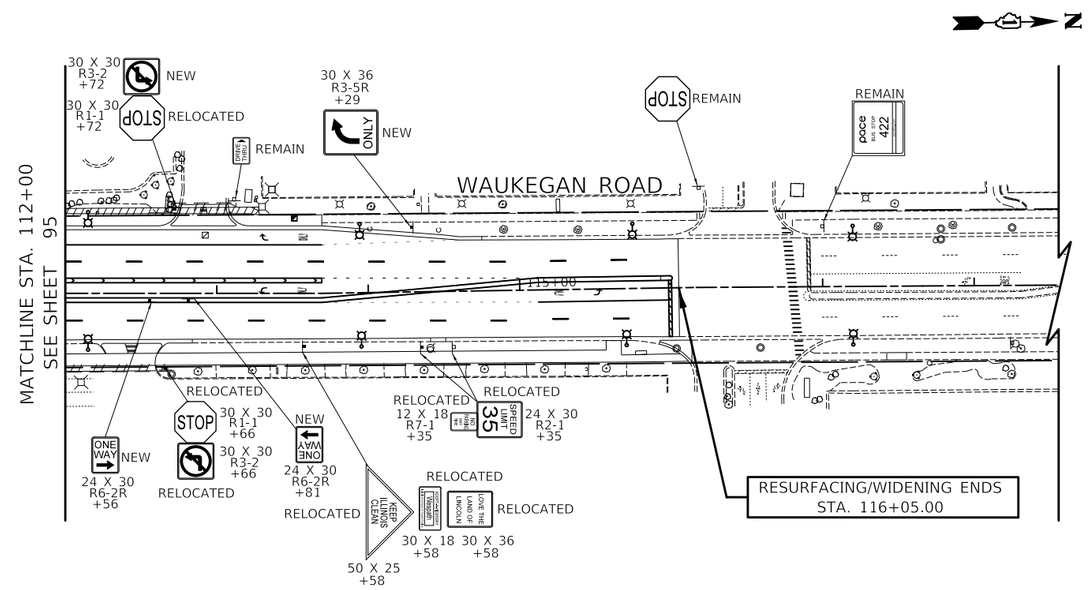
SCALE 0 50 100

PROPOSED SIGNING PLAN

SHEET 1 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	95
		CONTRACT NO. 61K82		
	ILLINOIS			





LEGEND

	EXISTING LIGHT POLE
	EXISTING SIGN
	EXISTING MAST ARM
	PROPOSED SIGN PANEL OF THE TYPE REQUIRED
	FLEXIBLE DELINEATORS
REMAIN	SIGN PANEL TO REMAIN IN SAME LOCATION
REM	SIGN PANEL TO BE REMOVED
REPLACED	SIGN PANEL TO BE REMOVED AND REPLACED
NEW	PROPOSED SIGN PANEL (SPECIAL), OF THE TYPE REQUIRED

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAME5
FILE NAME: ...\3681-sht-pr sign.dgn

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DATE - 7/13/2026		REVISED -

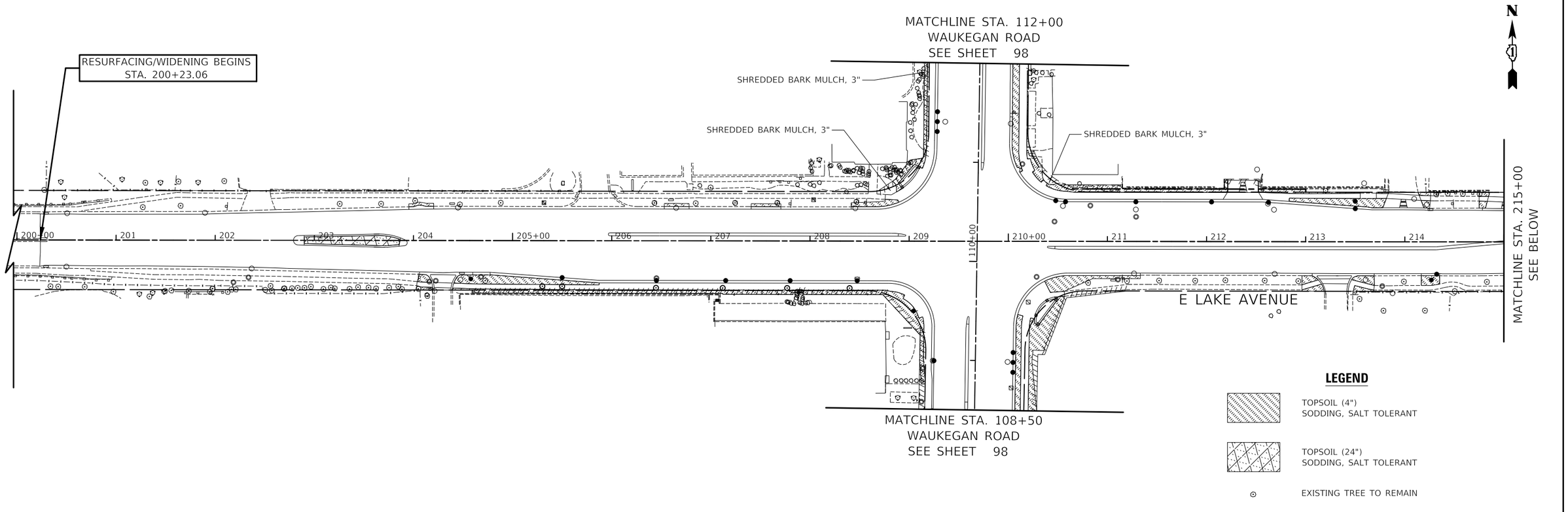
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

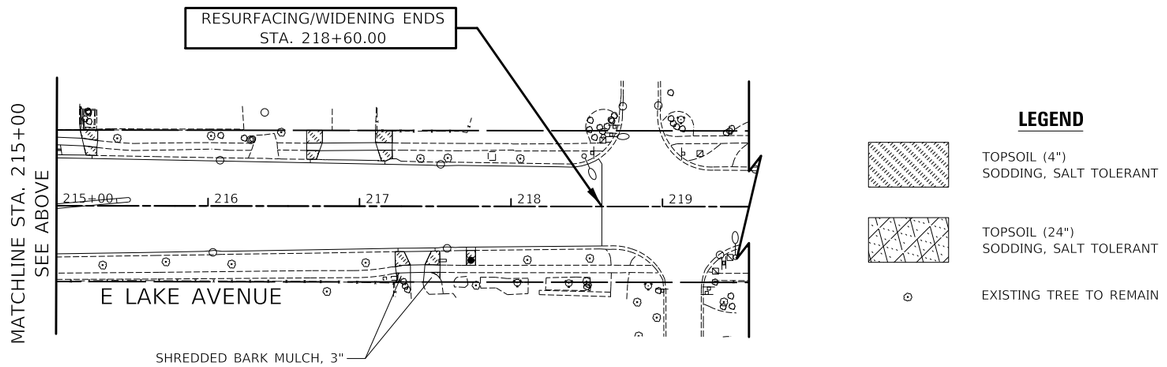
SCALE
0 50 100

PROPOSED SIGNING PLAN

SHEET 2 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	96
		CONTRACT NO. 61K82		
	ILLINOIS			





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SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
S.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: $MODELNAME$
FILE NAME: ...\114-Landscaping\3681-sht-LS.dgn

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DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

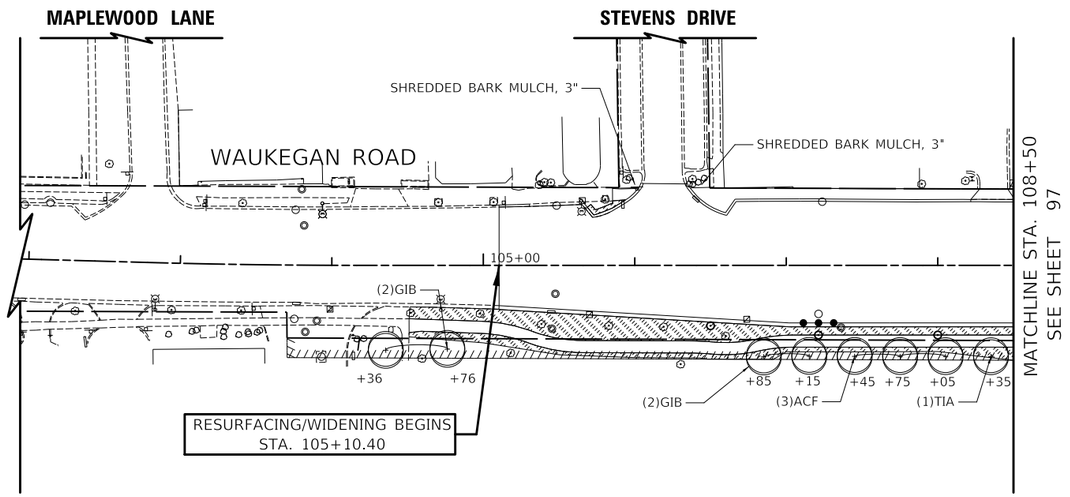
SCALE
0 50 100

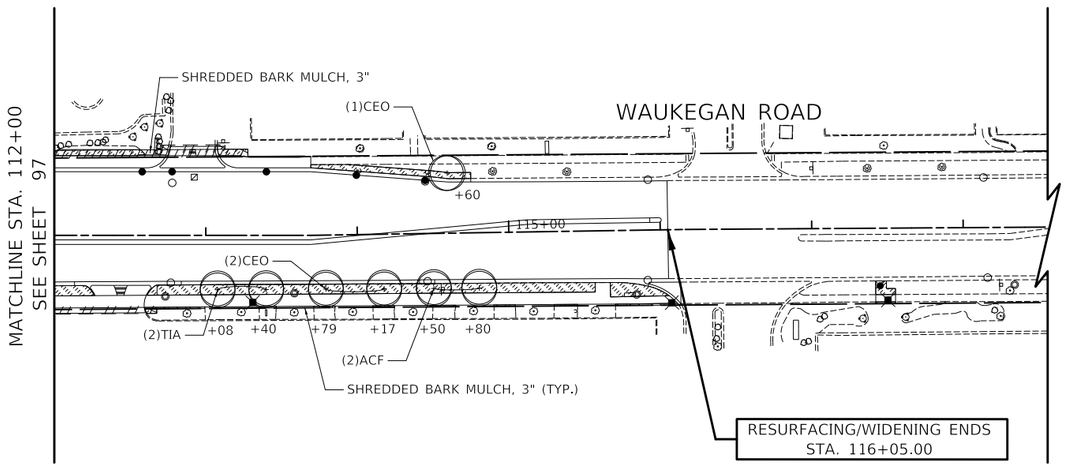
LANDSCAPING PLAN

SHEET 1 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	97
		CONTRACT NO. 61K82		
	ILLINOIS			

PAY ITEM	CODED PAY ITEMS	QTY	CODE	LATIN NAME	COMMON NAME	SIZE	COMMENTS
A2000090	TREE, ACER X FREEMANII ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	5	ACF	ACER X FREEMANII ARMSTRONG	ARMSTRONG FREEMAN MAPLE	3" CAL.	
A2002924	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	3	CEO	CELTIS OCCIDENTALIS	COMMON HACKBERRY	3" CAL.	
A2004424	TREE, GINKGO BILOBA (GINKGO), 3" CALIPER, BALLED AND BURLAPPED	4	GIB	GINKGO BILOBA	GINKGO	3" CAL.	
A2007924	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 3" CALIPER, BALLED AND BURLAPPED	3	TIA	TILIA AMERICANA REDMOND	REDMOND AMERICAN LINDEN	3" CAL.	





LEGEND

TOPSOIL (4")
SODDING, SALT TOLERANT

TOPSOIL (24")
SODDING, SALT TOLERANT

EXISTING TREE TO REMAIN

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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FILE NAME: ...\141-landscaping\3681-sht-ls.dgn

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DATE - 7/13/2026		REVISED -

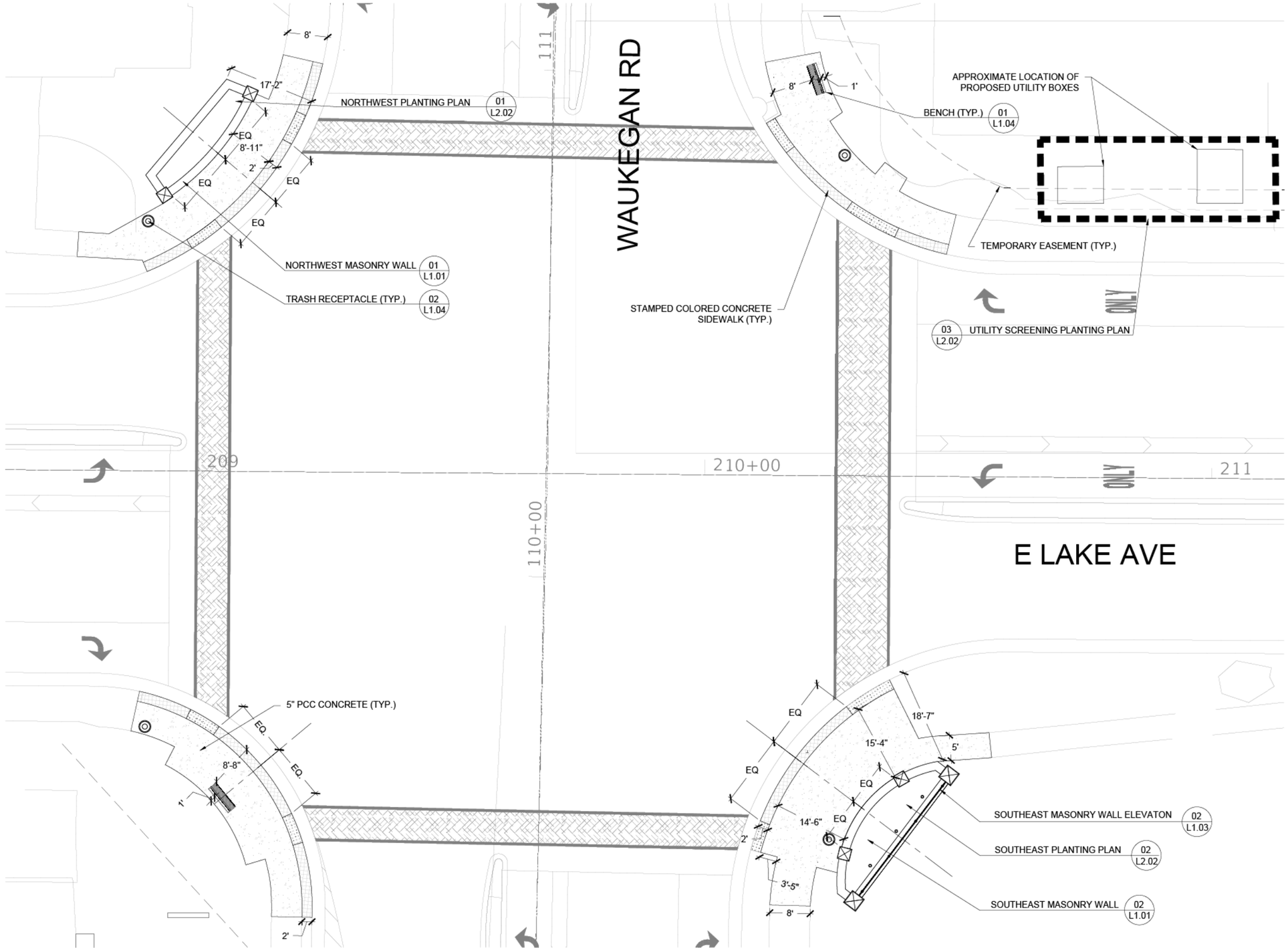
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 50 100

LANDSCAPING PLAN

SHEET 2 OF 2 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	98
		CONTRACT NO. 61K82		
	ILLINOIS			



L1.00

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
DATE
BY
NOTE BOOK
NO.

PROFILE
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STRUCTURE NOTATNS CHKD
DATE
BY
NOTE BOOK
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FILE NAME: ...\3681_Landscape_Plans.dgn

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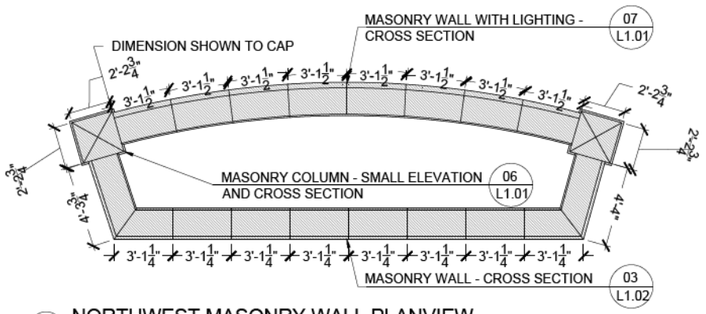
DEPARTMENT OF TRANSPORTATION

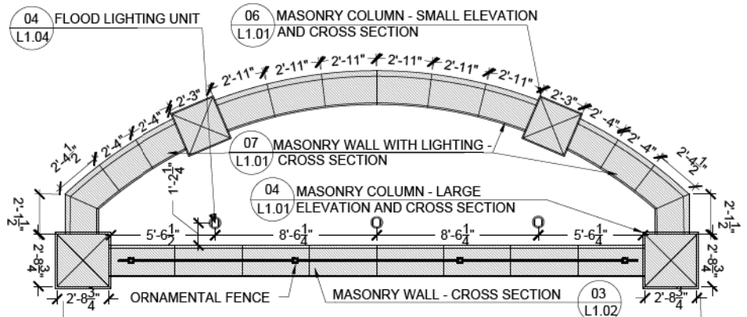
LANDSCAPING – OVERALL PLAN

SHEET 1 OF 7 SHEETS

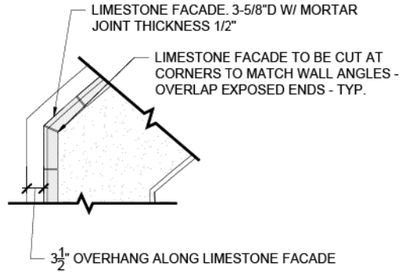
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	99
		CONTRACT NO. 61K82		
	ILLINOIS			



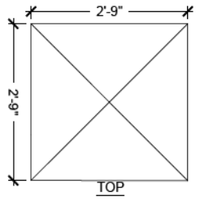
01 NORTHWEST MASONRY WALL PLANVIEW
SCALE= 1/4" = 1'-0"

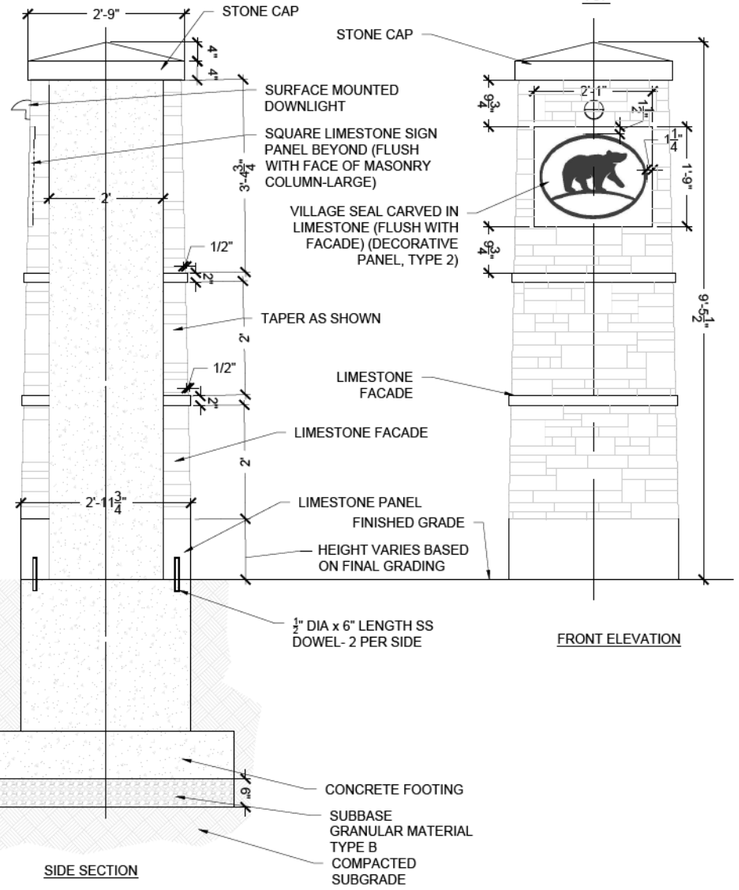


02 SOUTHEAST MASONRY WALL PLANVIEW
SCALE= 1/4" = 1'-0"

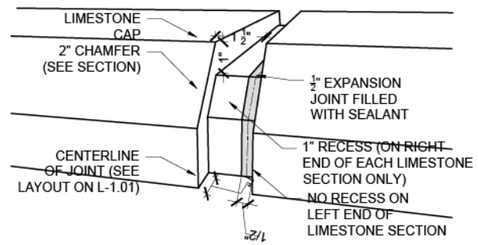


03 MASONRY WALL LIMESTONE AND WALL ATTACHMENT - PLAN
SCALE= 1/4" = 1'-0"

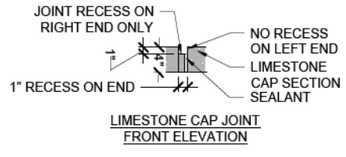




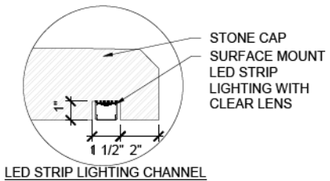
04 MASONRY COLUMN - LARGE ELEVATION AND CROSS SECTION
SCALE= 3/4" = 1'-0"



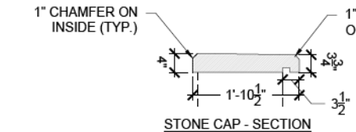
05 MASONRY WALL JOINT DETAIL
NTS



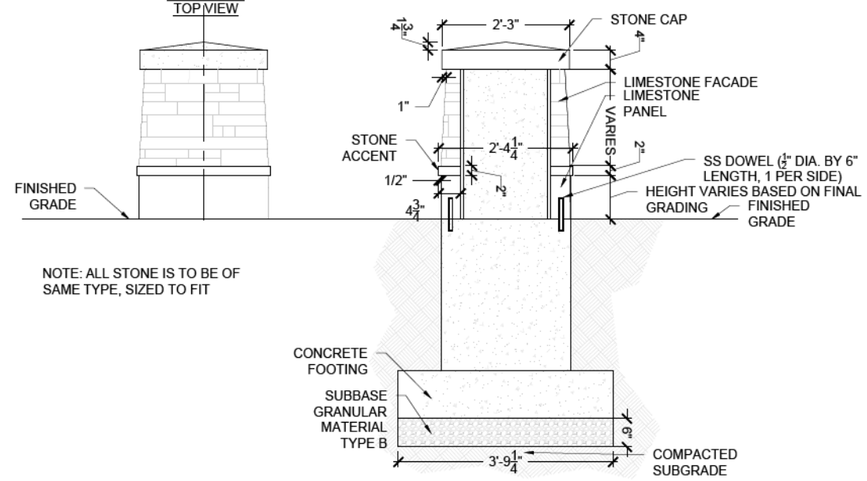
LIMESTONE CAP JOINT FRONT ELEVATION



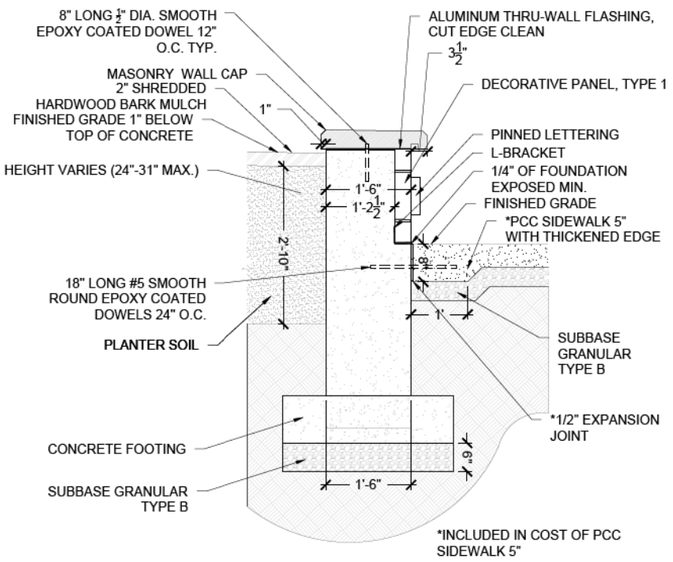
LED STRIP LIGHTING CHANNEL



STONE CAP - SECTION



06 MASONRY COLUMN - SMALL ELEVATION AND CROSS SECTION
SCALE= 3/4" = 1'-0"



07 MASONRY WALL WITH LIGHTING - CROSS SECTION
SCALE= 3/4" = 1'-0"

L1.01

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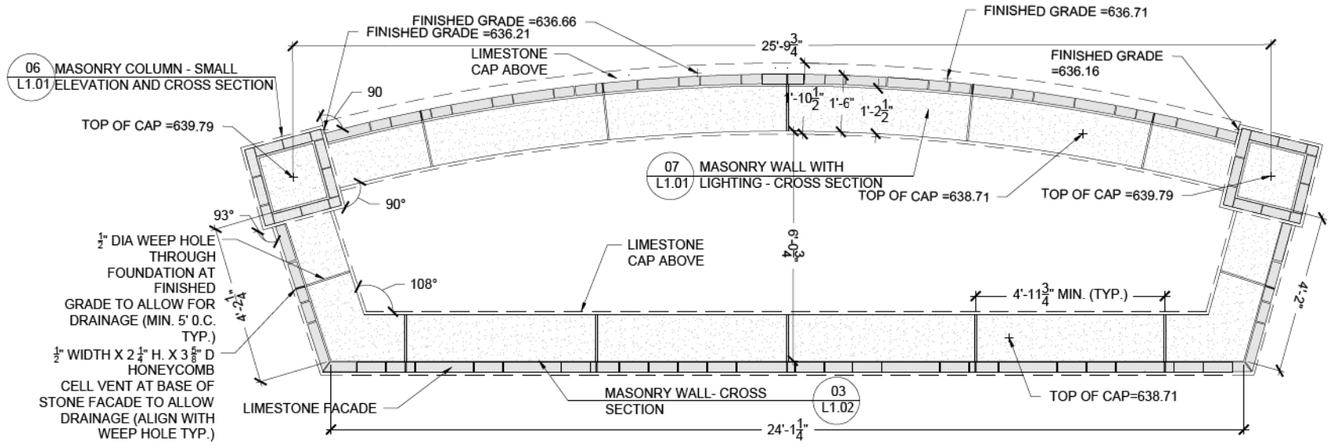
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

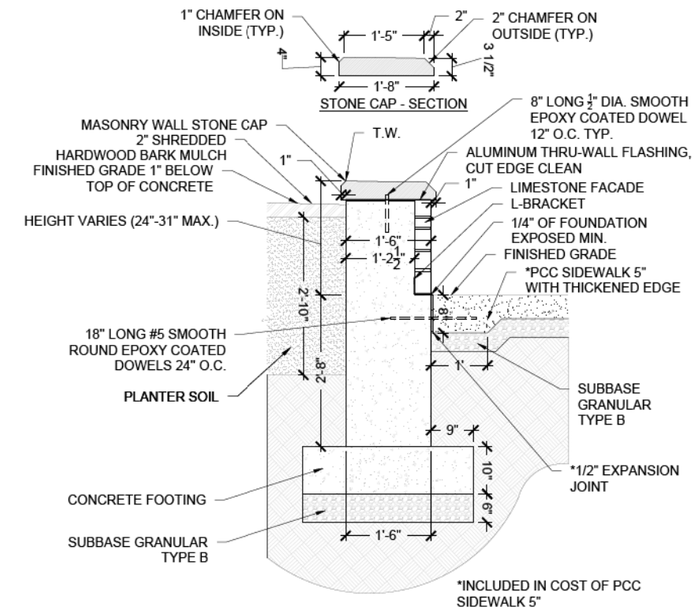
LANDSCAPING – MASONRY WALL DETAILS

SHEET 2 OF 7 SHEETS

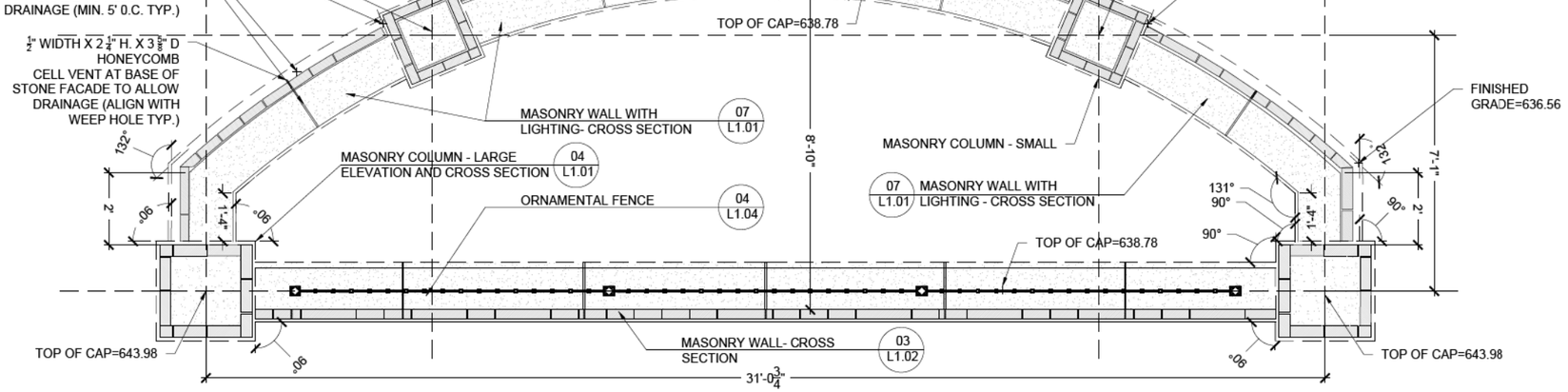
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	100
		CONTRACT NO. 61K82		
		ILLINOIS		



01 NORTHWEST MASONRY WALL - PLAN VIEW (TYP. LIMESTONE ATTACHMENT)
SCALE= 1/2" = 1'-0"



03 MASONRY WALL - CROSS SECTION
SCALE= 3/4" = 1'-0"



02 SOUTHEAST MASONRY WALL - PLAN VIEW (TYP. LIMESTONE ATTACHMENT)
SCALE= 1/2" = 1'-0"

PLAN / PROFILE — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE; PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD

MODEL: SMODELNAMES
FILE NAME: ...\3681_Landscape_Plans.dgn

L1.02

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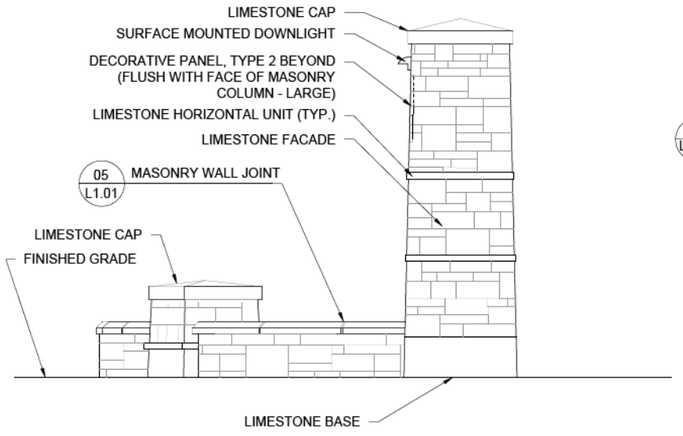
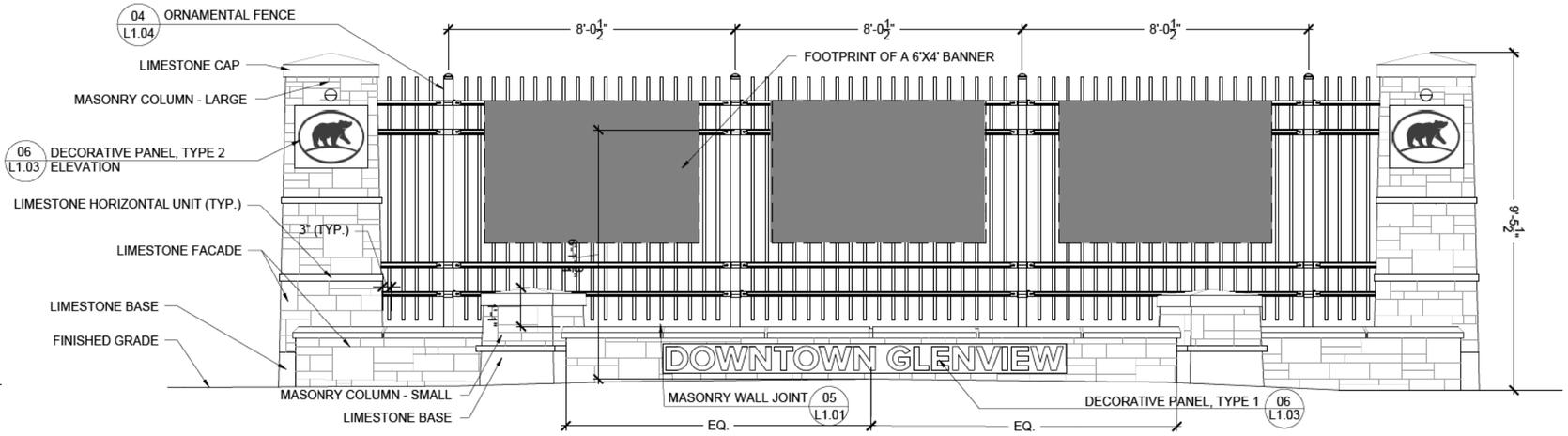
DRAWN - JFG	REVISED -		
CHECKED - DJK	REVISED -		SHEET 3 OF 7 SHEETS
DATE - 7/13/2026	REVISED -		

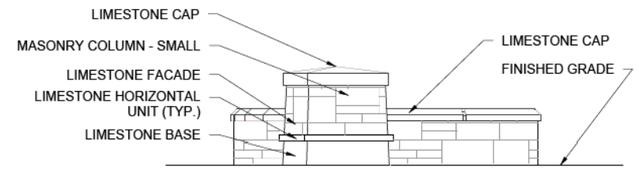
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	101
		CONTRACT NO. 61K82		
		ILLINOIS		



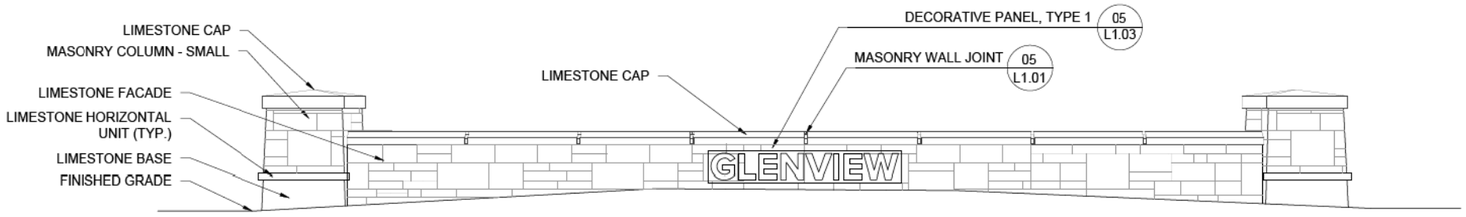
01 SOUTHEAST MASONRY WALL ELEVATION
SCALE= 1/2" = 1'-0"



02 SOUTHEAST MASONRY WALL ELEVATION
SCALE= 1/2" = 1'-0"



03 NORTHWEST MASONRY WALL ELEVATION
SCALE= 1/2" = 1'-0"



04 NORTHWEST MASONRY WALL ELEVATION
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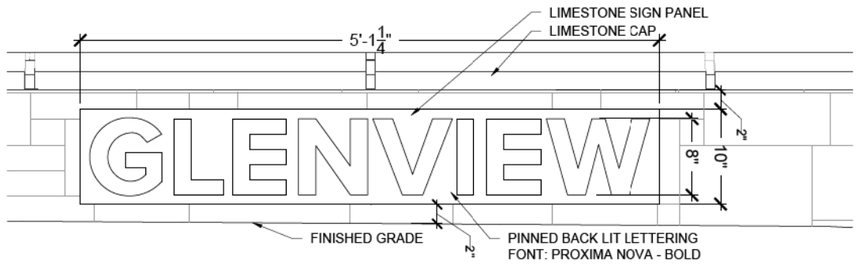
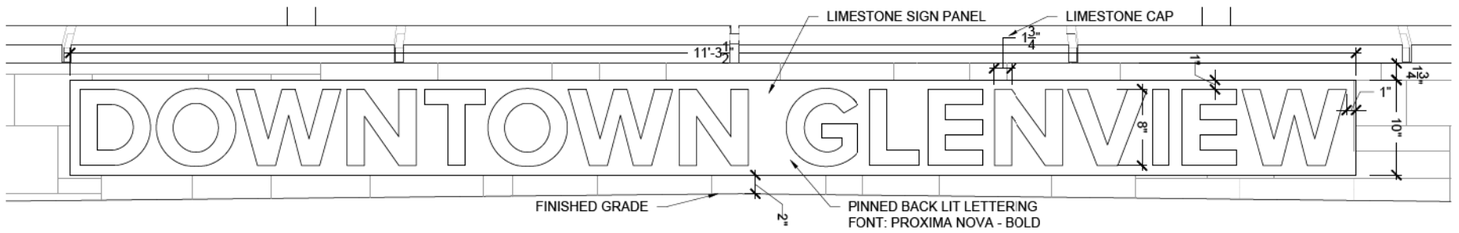
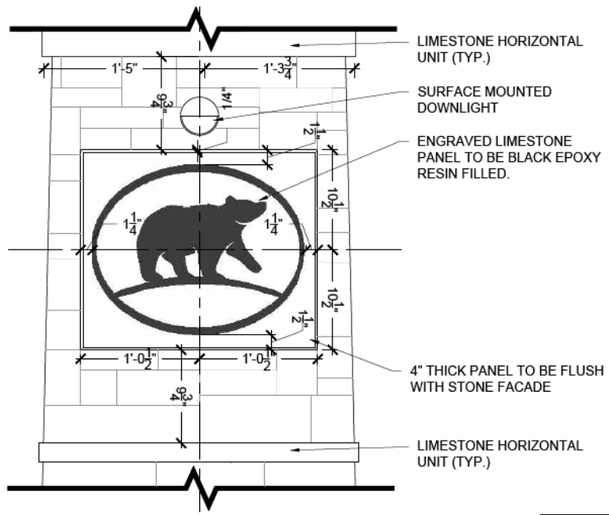


05 DECORATIVE PANEL, TYPE 1
1 1/2" = 1'-0"



06 DECORATIVE PANEL, TYPE 1
1 1/2" = 1'-0"



07 DECORATIVE PANEL, TYPE 2 ELEVATION
SCALE= 1 1/2" = 1'-0"

L1.03

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \MODELNAMES
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STATE OF ILLINOIS
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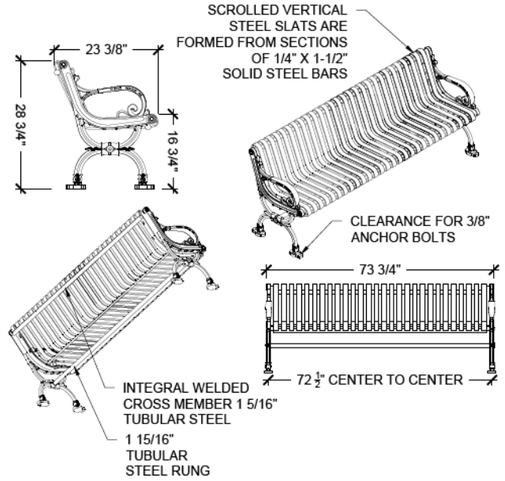
LANDSCAPING – SEATWALL DETAILS

SHEET 4 OF 7 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	102
		CONTRACT NO. 61K82		
	ILLINOIS			



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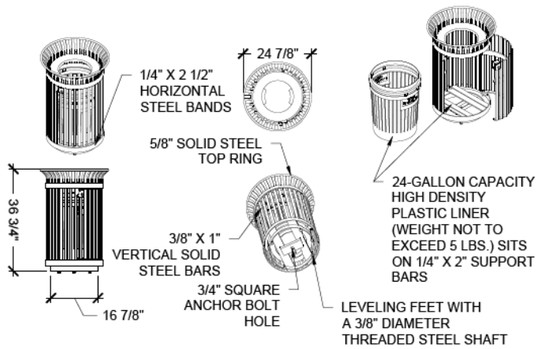

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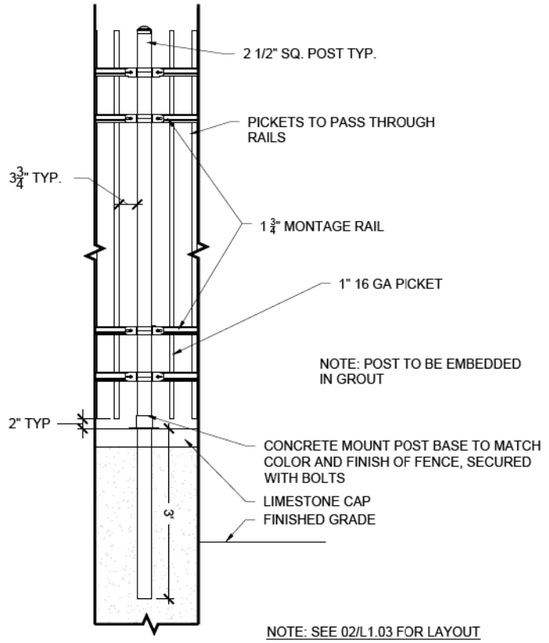

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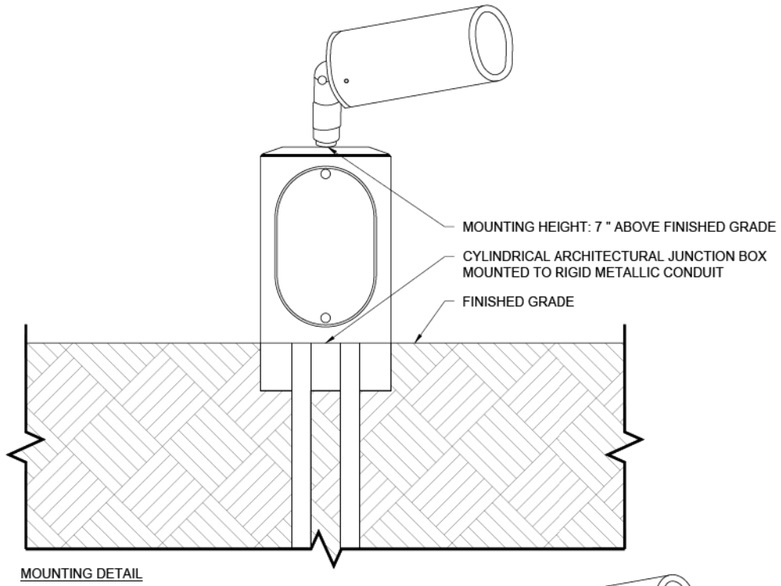
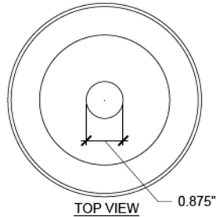
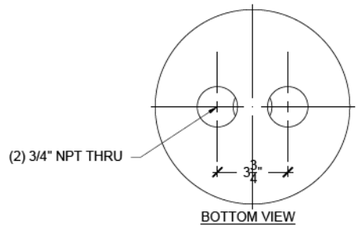


MOUNTING DETAIL



TOP VIEW



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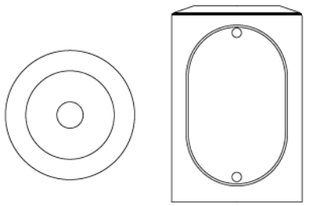

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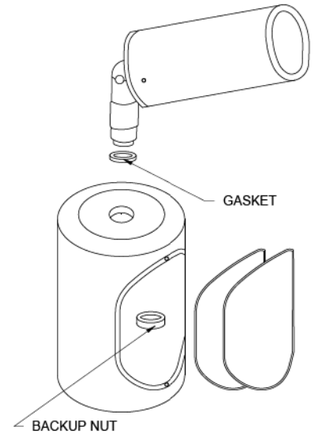

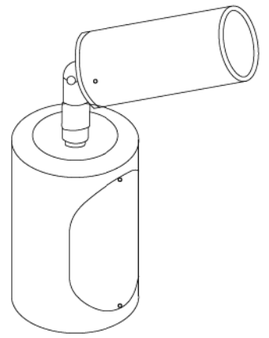

FLOOD LIGHTING UNIT ASSEMBLY

04 FLOOD LIGHTING UNIT
NOT TO SCALE

L1.04

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
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PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

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FILE NAME: ...\3681_Landscape_Plans.dgn

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

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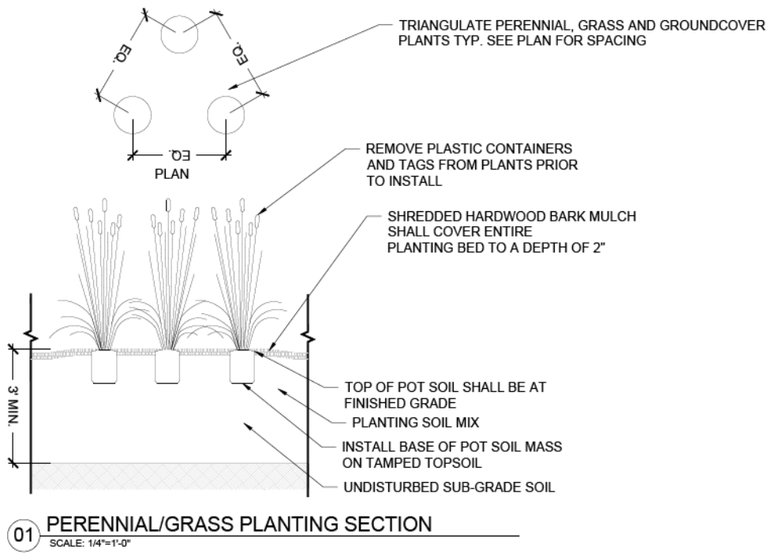
DRAWN - JFG		REVISED -
CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING – SEATWALL AND SITE FURNISHING DETAILS

SHEET 5 OF 7 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	103
		CONTRACT NO. 61K82		
	ILLINOIS			



01 PERENNIAL/GRASS PLANTING SECTION
SCALE: 1/4"=1'-0"

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADE CHECKED
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STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: \MODELNAME\
FILE NAME: ...\3681_Landscape_Plans.dgn

L2.01

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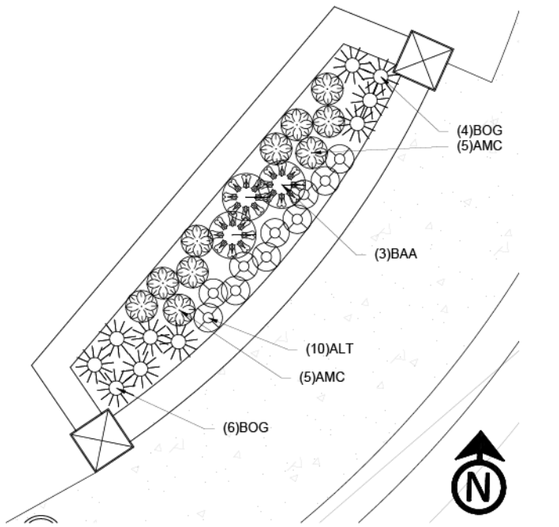
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

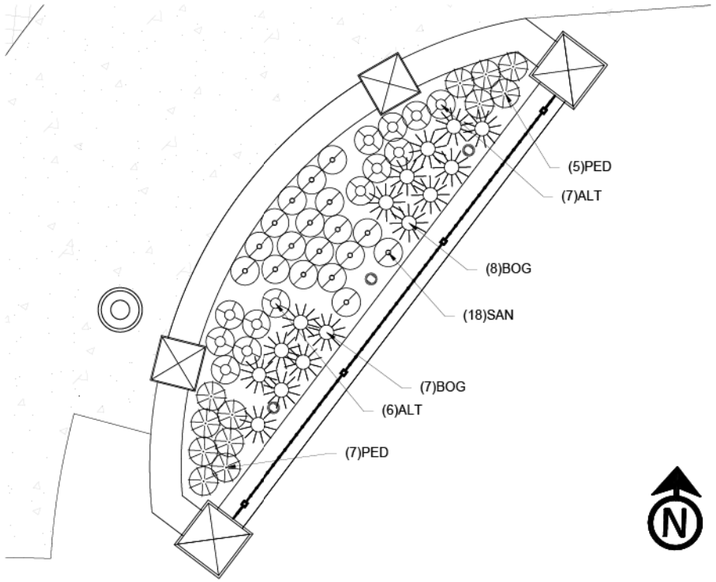
LANDSCAPING – PLANTING PLAN

SHEET 6 OF 7 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	104
		CONTRACT NO. 61K82		
	ILLINOIS			



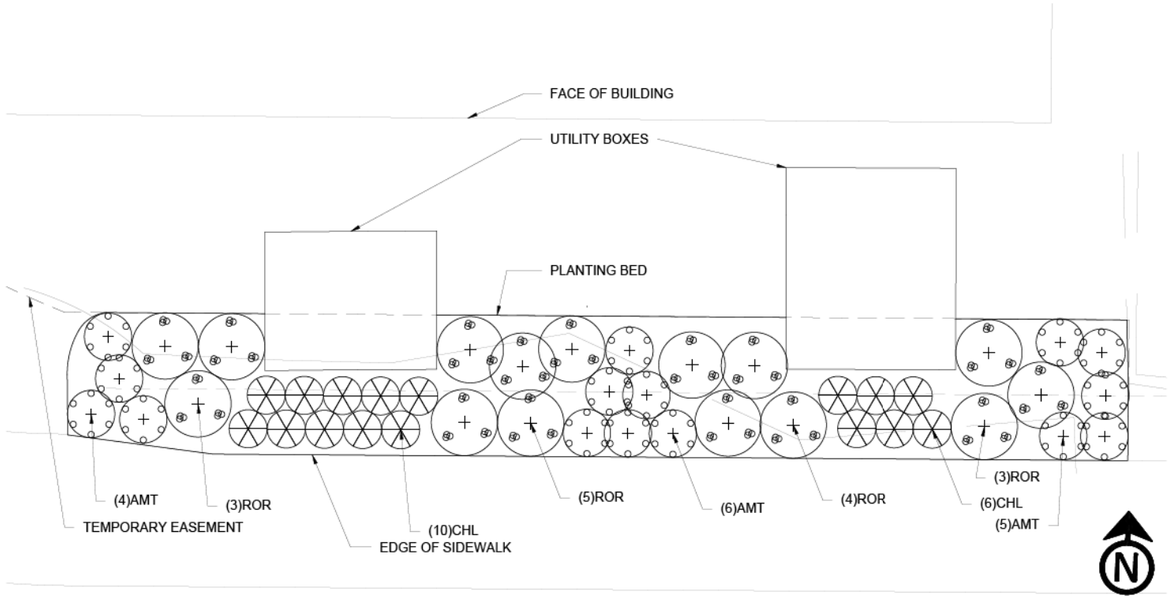
01 NORTHWEST PLANTING PLAN
SCALE: 1/4"=1'-0"



02 SOUTHEAST PLANTING PLAN
SCALE: 1/4" = 1'-0"

MASTER PLANT LIST

CODE	QUANTITY	LATIN NAME	COMMON NAME	SIZE	SPACING
		PERENNIALS			
ALT	23	ALLIUM TANGUTICUM	SUMMER BEAUTY ONION	1 GAL	2' O.C.
AMC	10	AMORPHA CANESCENS	LEADPLANT	3 GAL	1'-8" O.C.
AMT	15	AMSONIA TABERNAEMONTANA 'STORMCLOUD'	STORMCLOUD AMSONIA	1 GAL	2'-6" O.C.
BAA	3	BAPTISIA AUSTRALIS	BLUE FALSE INDIGO	3 GAL	2' O.C.
BOG	25	BOUTELOUA GRACILIS	BLONDE AMBITION BLUE GRAMA	1 GAL	1'-8" O.C.
CHL	16	CHASMANTHIUM LATIFOLIUM	SEA OATS	1 GAL	2' O.C.
PED	12	PENSTEMON DIGITALIS	BEARDTONGUE	1 GAL	1'-6" O.C.
SAN	18	SALVIA NEMEROSA	CARADONNA SAGE	1 GAL	1'-6" O.C.
		SHRUBS			
ROR	15	ROSA RUGOSA 'BLUSHING KNOCKOUT'	BLUSHING KNOCK OUT ROSE	18" HEIGHT CONT.	3'-6" O.C.



03 UTILITY SCREENING PLANTING PLAN
SCALE: 1/4" = 1'-0"

L2.02

PLAN: SURVEYED, PLOTTED, ASPHALT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, E.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \MODELNAME\$
FILE NAME: ...\3681_Landscape_Plans.dgn

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DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING – PLANTING PLAN

SHEET 7 OF 7 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	105
		CONTRACT NO. 61K82		
	ILLINOIS			

TRAFFIC SIGNAL LEGEND

ITEM	EXISTING	PROPOSED
TRAFFIC SIGNAL CABINET		
UNINTERRUPTABLE POWER SUPPLY		
COMMUNICATION CABINET	ECC	CC
MASTER CONTROLLER	EMC	MC
MASTER MASTER CONTROLLER	EMMC	MMC
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
CELLULAR MODEM	CM	CM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD - PROGRAMMABLE	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(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		
CONFIRMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
DOUBLE HANDHOLE		
HEAVY DUTY HANDHOLE -SQUARE -ROUND		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER BUNGALOW		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVAL 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)
WIRELESS DETECTOR SENSOR	W	W

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	R Y G — P EV	R Y G — P EV
SIGNAL HEAD WITH BACKPLATE -(RB) RETROREFLECTIVE BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	R Y G — RB P EV	R Y G — RB P EV
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED LED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
ELECTRIC CABLE, SIGNAL, NO. 14 - 2/C, 3/C, 5/C, 7/C	5	5
ELECTRIC CABLE, LEAD-IN, NO. 14, 1 PAIR	1P	1P
SERVICE CABLE, 2/C - NO. 2, NO. 4, NO. 6	2#2 / 2#4 / 2#6	2#2 / 2#4 / 2#6
GROUND CABLE NO. 6 SOLID COPPER (GREEN), 1/C	1#6	1#6
ELECTRIC CABLE, TRACER, NO. 14, 1/C	1	1
ELECTRIC CABLE, RAILROAD, NO. 14, 3/C	RAILROAD NO. 14 3/C — 3	RAILROAD NO. 14 3/C — 3
ELECTRIC CABLE, STREET NAME SIGN NO. 14, 3/C, TYPE SOOW	SOOW — 3	SOOW — 3
VENDOR CABLE	V	V
EMERGENCY VEHICLE PRIORITY LINE SENSOR CABLE, NO. 20, 3/C	3#20	3#20
OUTDOOR RATED NETWORK CABLE	ONC	ONC
FIBER OPTIC CABLE -12F: 12 MULTIMODE -24F: 12 MULTIMODE / 12 SINGLE MODE -36F: 12 MULTIMODE / 24 SINGLE MODE -24SM: 24 SINGLE MODE -48SM: 48 SINGLE MODE	12F / 24F / 36F / 24SM / 48SM	24F / 36F / 24SM / 48SM
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

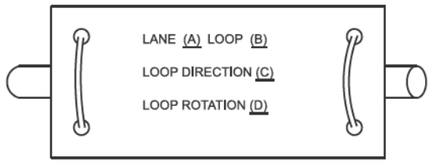
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
(SPRF) 1292	22-00206-00-CH	COOK	214	106
	TS-01	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			

DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. 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.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES 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" APART.
9. 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.
10. PREFORMED DETECTOR LOOPS SHALL BE USED 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.



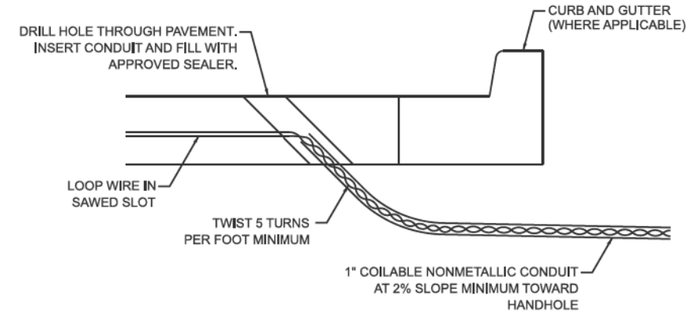
A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.

B. LOOP #1 IS THE LOOP CLOSEST TO THE INTERSECTION.

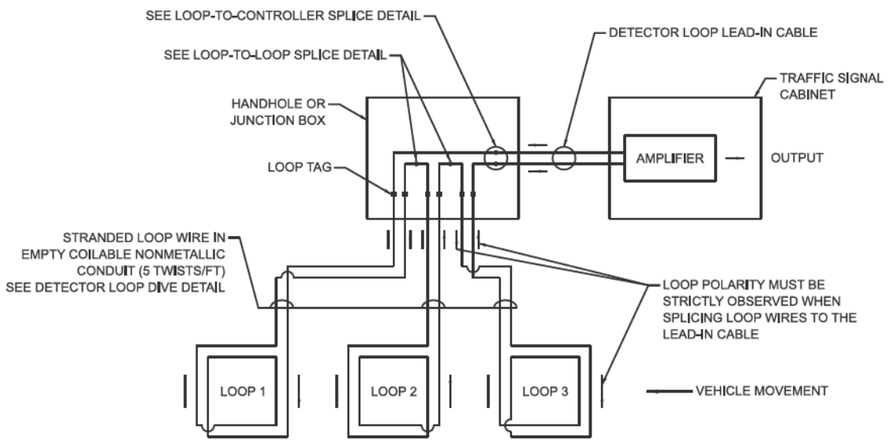
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

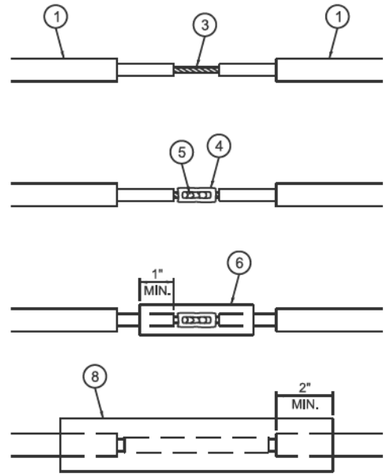
DETECTOR LOOP LEAD-IN CABLE TAG



DETECTOR LOOP DIVE DETAIL

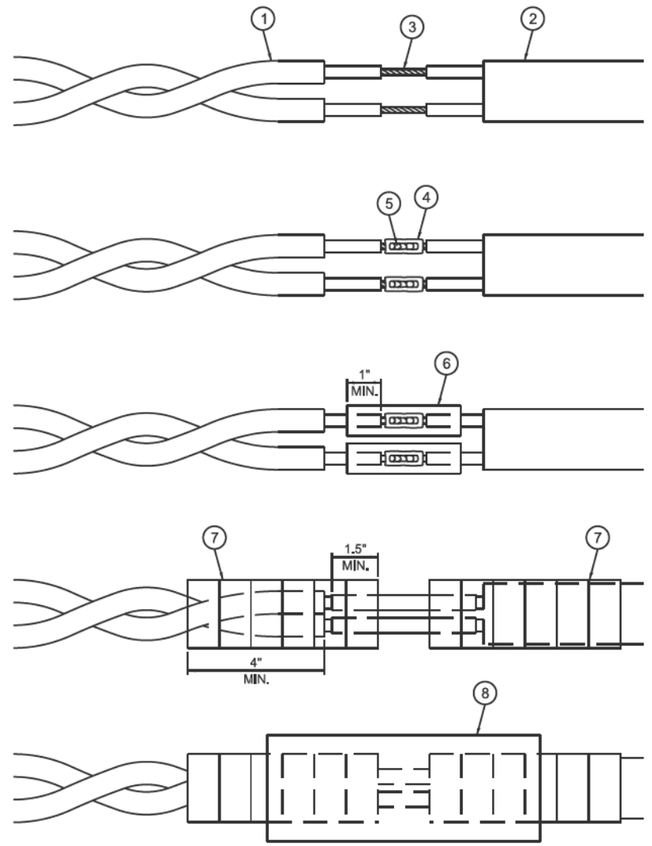


DETECTOR LOOP WIRING SCHEMATIC



LOOP-TO-LOOP SPLICE DETAIL

1. DETECTOR LOOP CABLE.
2. DETECTOR LOOP LEAD-IN CABLE
3. BARE CONDUCTORS TWISTED TOGETHER.
4. BUTT SPLICE CRIMP CONNECTOR.
5. SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE SPLICES SHALL BE STAGGERED.
6. WCSMW 30/100 HEAT SHRINK TUBE, 3" MINIMUM LENGTH, UNDERWATER GRADE.
7. SELF-INFUSED, SILICONE ELECTRICAL TAPE TIGHTLY WRAPPED AROUND CABLES.
8. WCS 200/750 HEAT SHRINK TUBE, 8" MINIMUM LENGTH, UNDERWATER GRADE.



LOOP-TO-CONTROLLER SPLICE DETAIL

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PLOT DATE = 12/16/2025	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

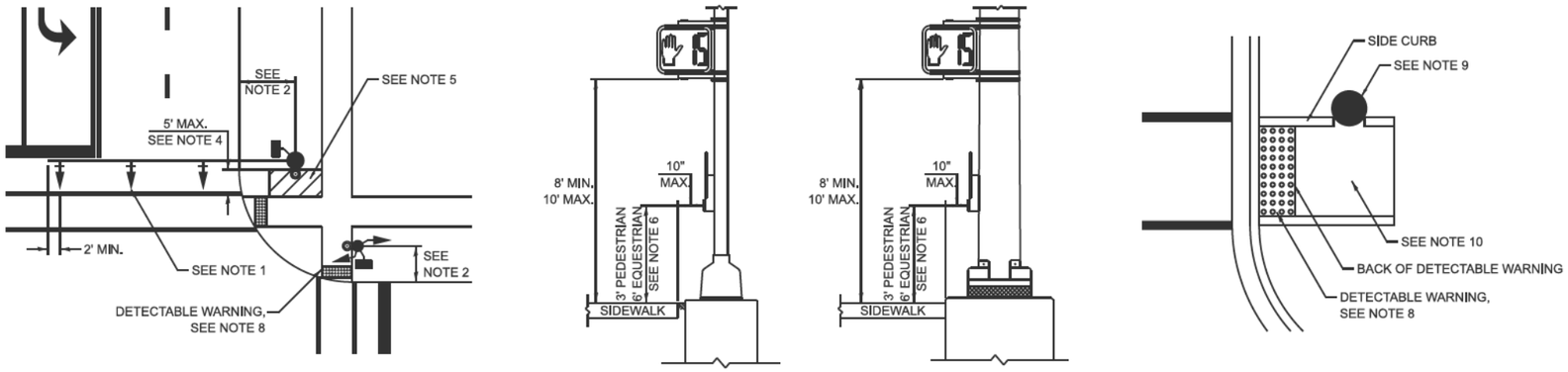
SCALE: NONE | SHEET 2 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9348/1292	22-00206-00-CH	COOK	214	107
	TS-01	CONTRACT NO. 61K82		
		ILLINOIS	FED. AID PROJECT	

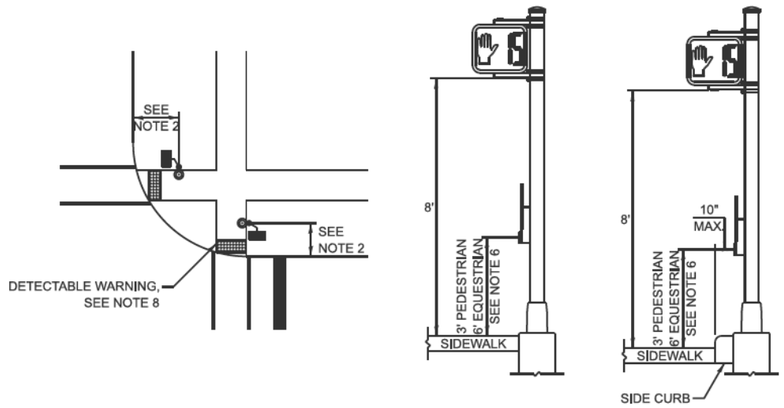
NOTES:

1. THE MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED ON THE LANES OR AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS TABLE.
3. A 4' MINIMUM UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED.
4. THE PUSH-BUTTON SHALL BE LOCATED 5' OR LESS FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION FOR THE CROSSWALK THAT THE PUSH-BUTTON CONTROLS.
5. IF THE MAST ARM POLE OR SIGNAL POST WHERE THE PUSH-BUTTON IS TO BE INSTALLED IS NOT IMMEDIATELY ADJACENT TO THE SIDEWALK, PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE UP TO THE MAST ARM POLE OR SIGNAL POST. THE MINIMUM PAVED AREA IN FRONT OF THE PUSH-BUTTON SHALL BE 2.5' X 4'. IF THIS DOES NOT MEET THE REQUIREMENT STATED IN NOTE 3, A SEPARATE PEDESTRIAN SIGNAL POST SHALL BE INSTALLED TO PLACE THE PUSH-BUTTON ADJACENT TO THE SIDEWALK SURFACE.
6. THE HEIGHT OF THE PEDESTRIAN PUSH-BUTTON SHALL BE 36". IF APPROVED BY THE AREA TRAFFIC SIGNAL ENGINEER, THE PUSH-BUTTON MAY BE LOCATED AT A HEIGHT BETWEEN 30" AND 42". THE HEIGHT OF THE EQUESTRIAN PUSH-BUTTON SHAL BE 72" OR AS DIRECTED BY THE ENGINEER.
7. THE FACE OF THE PUSH-BUTTON SHALL BE PARALLEL TO THE CROSSWALK IT CONTROLS.
8. THE PUSH-BUTTON SHALL BE LOCATED BEHIND THE DETECTABLE WARNING.
9. WHERE A PUSH-BUTTON IS BEING INSTALLED ON A MAST ARM POLE OR SIGNAL POST ADJACENT TO THE PEDESTRIAN ACCESS ROUTE, THE PROPOSED FOUNDATION SHALL BE INSTALLED WITHIN THE SIDE CURB IN ORDER TO MEET THE 10" REACH REQUIREMENT.
10. THE SIDEWALK PANEL IN FRONT OF THE PUSH-BUTTON SHALL HAVE A SLOPE LESS THAN 5%.
11. WHERE TWO PEDESTRIAN PUSH-BUTTONS ARE PROVIDED ON THE SAME CORNER, THEY SHALL BE 10' OR MORE APART. EXCEPTION: IN ALTERATIONS WHERE TECHNICALLY INFEASIBLE TO PROVIDE 10' SEPARATION BETWEEN PUSH-BUTTONS ON THE SAME CORNER.
12. CORRESPONDING PEDESTRIAN EQUIPMENT (SIGNAL HEAD AND PUSH-BUTTON) SHALL BE INSTALLED ON THE SAME POST CLOSEST TO THE CROSSWALK IT CONTROLS.
13. PEDESTRIAN SIGNAL HEADS INSTALLED ON MAST ARM POLES OR SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL. PEDESTRIAN SIGNAL HEADS INSTALLED ON PEDESTRIAN SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' ABOVE SIDEWALK LEVEL. THE PEDESTRIAN SIGNAL HEADS SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
14. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

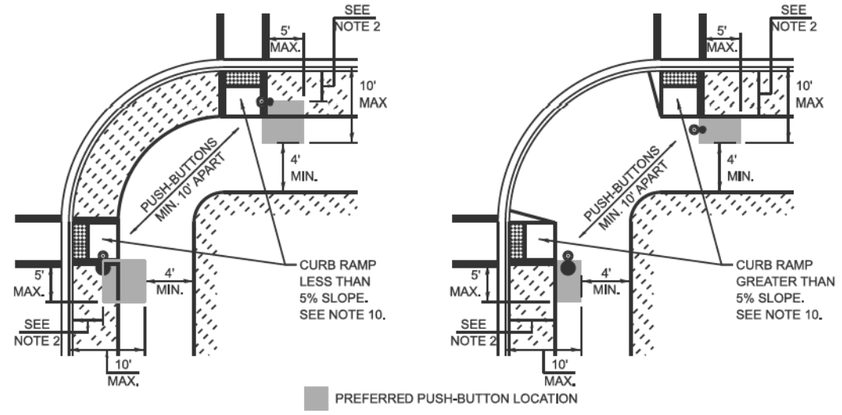
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



PEDESTRIAN SIGNAL POST



PUSH-BUTTON LOCATIONS



TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
MAST ARM ASSEMBLY AND POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
SIGNAL POST	4'	SHOULDER WIDTH + 2', MINIMUM 10'
PEDESTRIAN SIGNAL POST	4'	4' - SEE NOTE 2
TEMPORARY WOOD POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
TRAFFIC SIGNAL CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3
SERVICE CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3

TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS

NOTES:

1. CONTACT THE AREA TRAFFIC SIGNAL ENGINEER FOR ASSISTANCE LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS AND THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF THE DETECTABLE WARNING.
3. MINIMUM DISTANCE TO THE 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" TABLE AND THE TRAFFIC SIGNAL PLAN COULD AFFECT THE PLACEMENT OF THE TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND THE PEDESTRIAN PUSH-BUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE, THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THESE REQUIREMENTS. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

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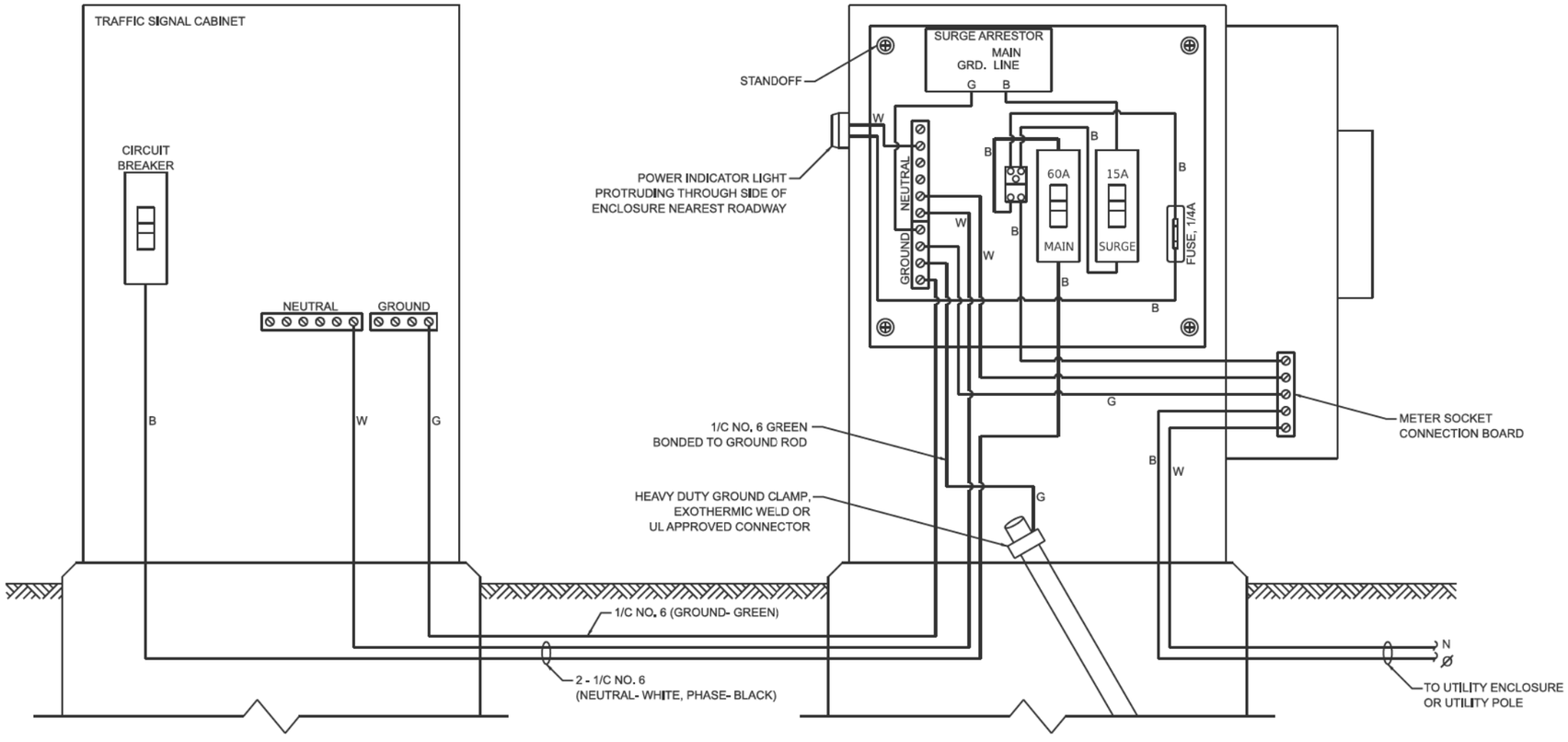
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 3 OF 7 SHEETS

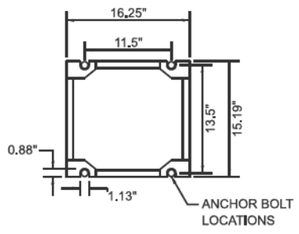
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0346/1292	22-00206-00-CH	COOK	214	108
	TS-01	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			



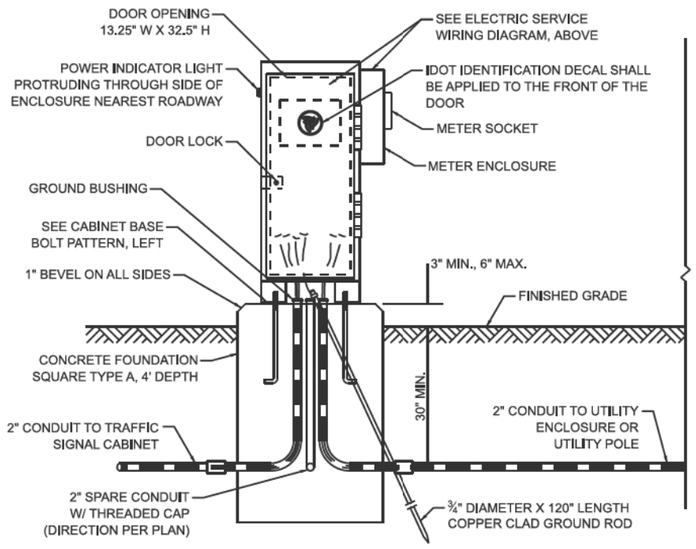
ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET

NOTES:

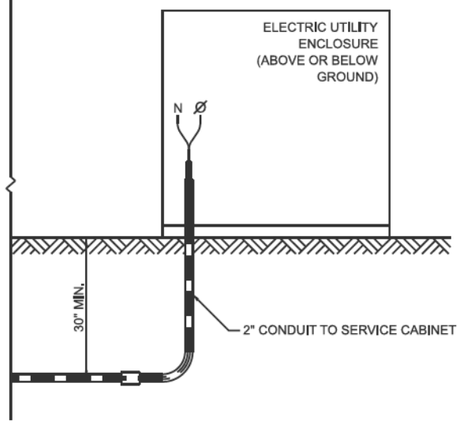
1. THE GROUND MOUNTED SERVICE CABINET IS TO BE LOCATED BETWEEN THE TRAFFIC SIGNAL CABINET AND THE UTILITY CONNECTION, PREFERABLY 20' TO 50' FROM THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO UL STD. 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE UL LABEL.
3. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
4. THE METER SOCKET IS TO BE PROVIDED BY THE CONTRACTOR. THE METER IS TO BE PROVIDED BY THE UTILITY COMPANY.



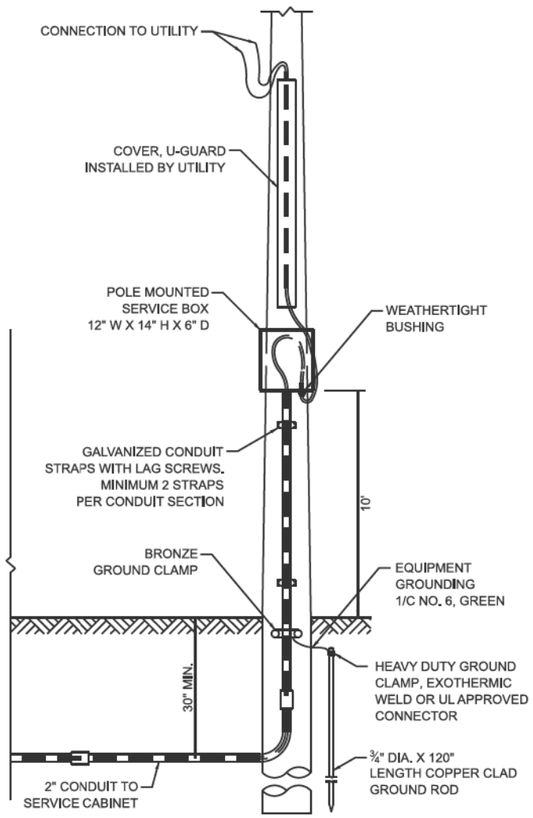
CABINET BASE BOLT PATTERN



SERVICE INSTALLATION - GROUND MOUNTED WITH METER



CONNECTION TO UTILITY ENCLOSURE



CONNECTION TO UTILITY POLE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 4 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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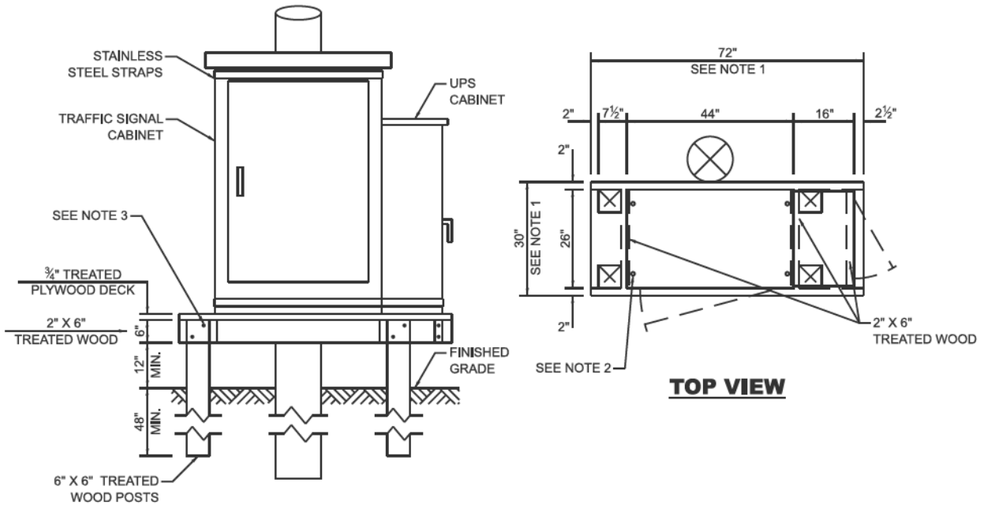
	ILLINOIS FED. AID PROJECT			

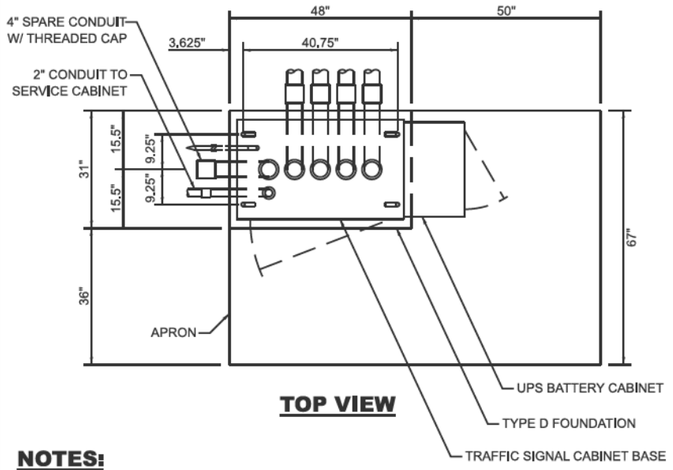


TOP VIEW

NOTES:

1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" X 44" AND UNINTERRUPTABLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" X 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

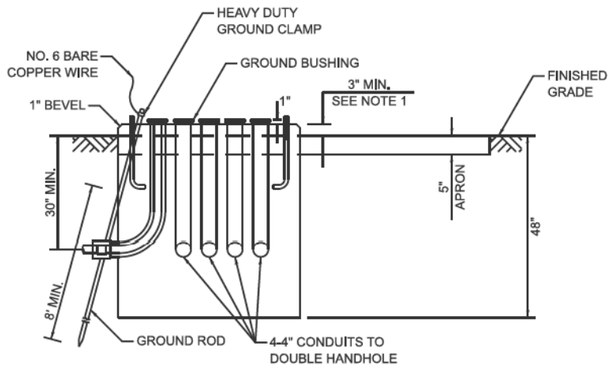
TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM



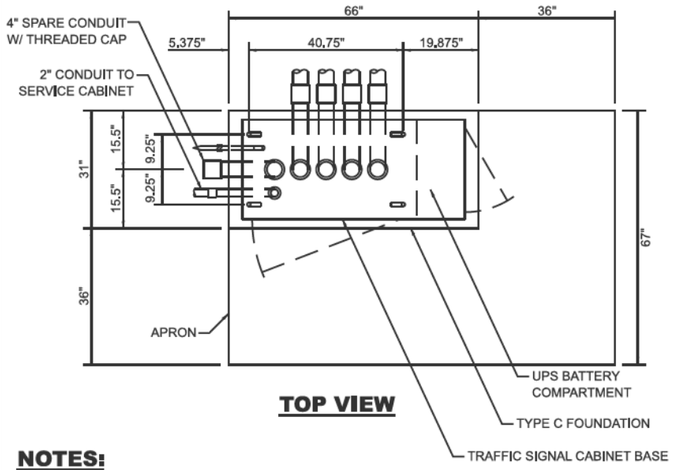
TOP VIEW

NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



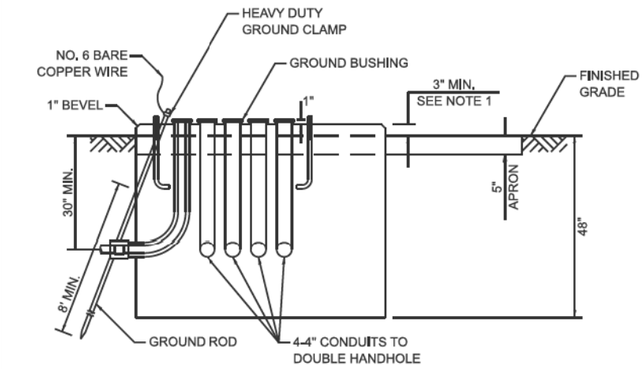
TYPE D FOUNDATION TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET AND UPS BATTERY CABINET



TOP VIEW

NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



TYPE C FOUNDATION SUPER P AND SUPER R TRAFFIC SIGNAL CABINETS

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
LESS THAN 30'	10'	30"	24"	8	#6
GREATER THAN OR EQUAL TO 30' AND LESS THAN 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 40' AND LESS THAN 50'	13'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 50' AND UP TO 55'	15'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 56' AND LESS THAN 65'	21'	42"	36"	16	#8
GREATER THAN OR EQUAL TO 65' AND UP TO 75'	25'	42"	36"	16	#8

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

FOUNDATION	DEPTH
TYPE A - SIGNAL POST, SERVICE CABINET	4'
TYPE C - TRAFFIC SIGNAL CABINET WITH UPS	4'
TYPE D - TRAFFIC SIGNAL CABINET	4'

DEPTH OF FOUNDATIONS TYPES A, C & D

TYPE E FOUNDATION NOTES:

1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.

VERTICAL CABLE	LENGTH
MAST ARM MOUNTED SIGNAL HEAD (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20'+L
BRACKET MOUNTED SIGNAL HEAD (MAST ARM POLE OR SIGNAL POLE)	13'
PEDESTRIAN SIGNAL HEAD	10'
PEDESTRIAN PUSH BUTTON	6'
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5'
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5'
SERVICE INSTALLATION GROUND MOUNT	6'
FOUNDATION (SIGNAL POST, MAST ARM, TRAFFIC SIGNAL CABINET, SERVICE CABINET)	3'

VERTICAL CABLE LENGTH

CABLE SLACK	LENGTH
HANDHOLE	6.5'
DOUBLE HANDHOLE	13'
SIGNAL POST	2'
MAST ARM	2'
TRAFFIC SIGNAL CABINET OR SERVICE CABINET	1.5'
FIBER OPTIC CABLE AT TRAFFIC SIGNAL CABINET	13'
GROUND CABLE AT SIGNAL POST, MAST ARM, OR CABINET	1.5'
GROUND CABLE AT HANDHOLE OR DOUBLE HANDHOLE	6.5'
GROUND CABLE BETWEEN HANDHOLE FRAME AND COVER	5'

CABLE SLACK LENGTH

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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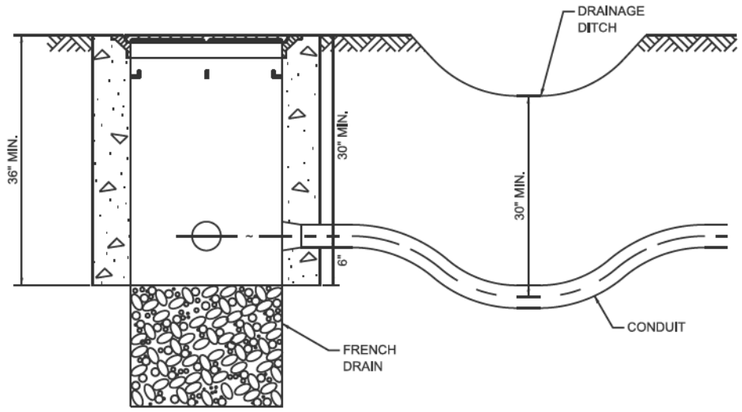
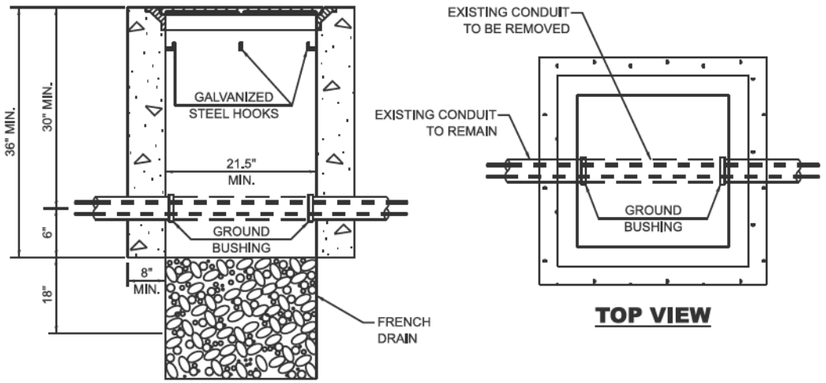
	ILLINOIS FED. AID PROJECT			



NOTES:

1. THE CONDUIT DEPTH SHALL BE A MINIMUM OF 30" 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

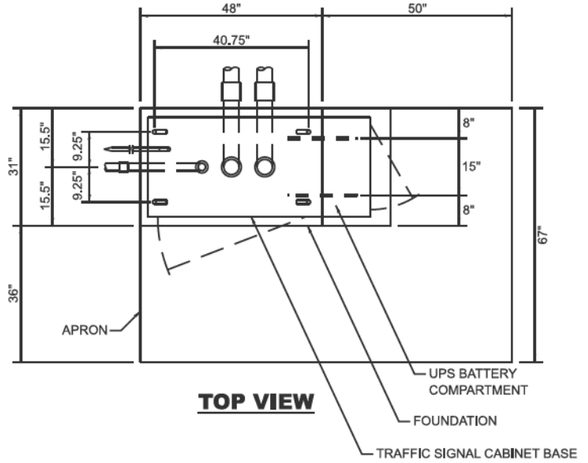


TOP VIEW

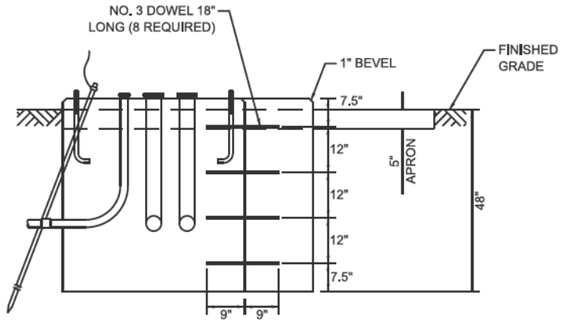
NOTES:

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.

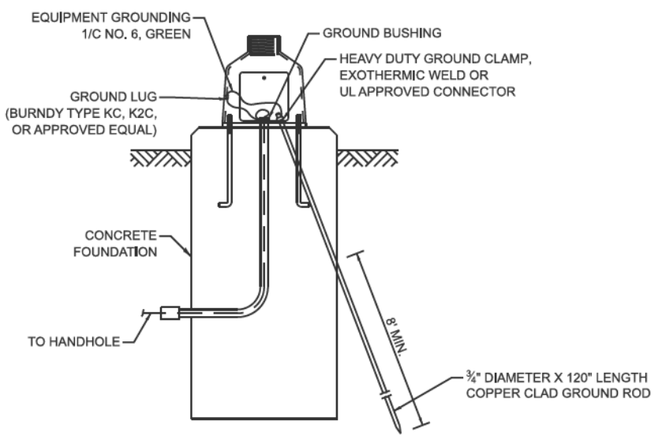
HANDHOLE TO INTERCEPT EXISTING CONDUIT



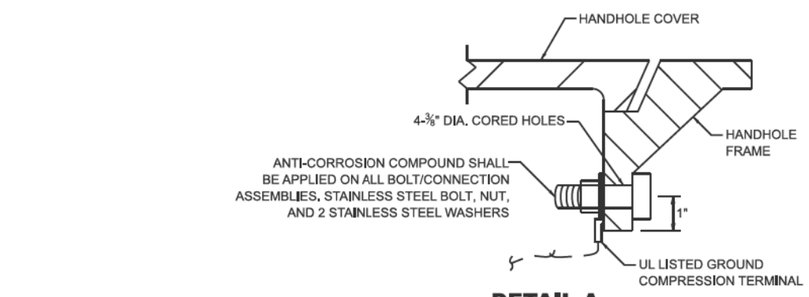
TOP VIEW



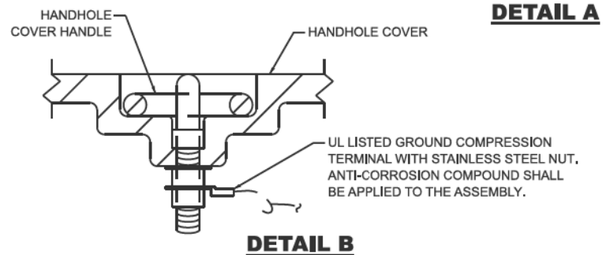
MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION



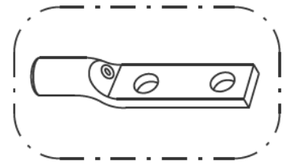
MAST ARM / POST GROUNDING DETAIL



DETAIL A



DETAIL B

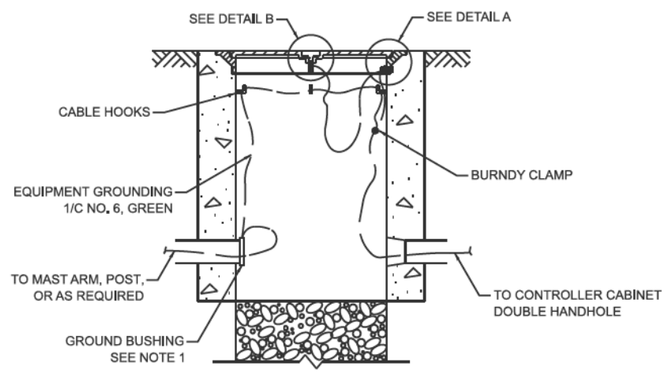


HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)

¾" HEAVY-DUTY GROUND ROD CLAMP BRONZE OR COPPER, UL APPROVED (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

1. CONDUIT THAT HAS BEEN DRILLED INTO AN EXISTING HANDHOLE WILL REQUIRE A GROUND BUSHING FOR THE CONDUIT TO BE PROPERLY GROUNDED.
2. GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' OF SLACK SHALL BE PROVIDED IN SINGLE AND DOUBLE HANDHOLES. 5' OF SLACK SHALL BE PROVIDED BETWEEN THE FRAME AND COVER.



HANDHOLE GROUNDING DETAIL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 7 SHEETS

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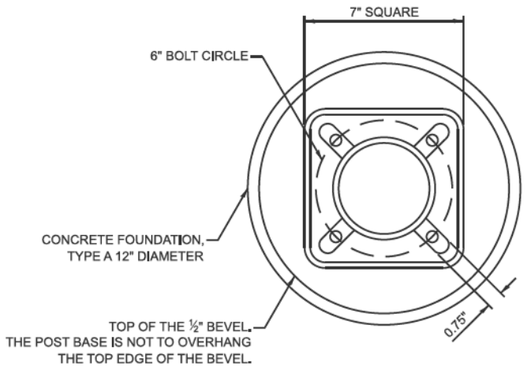
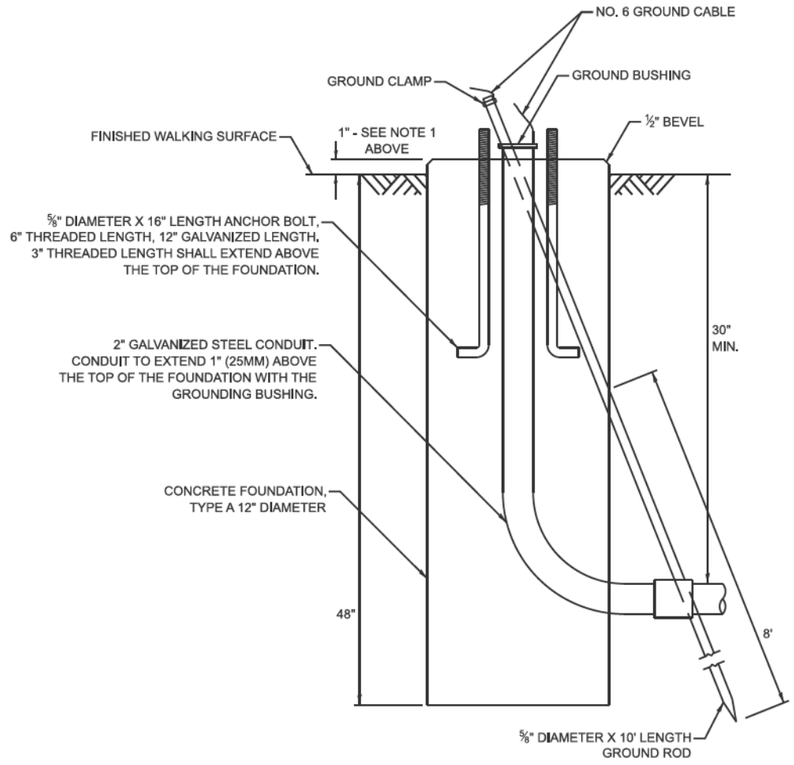


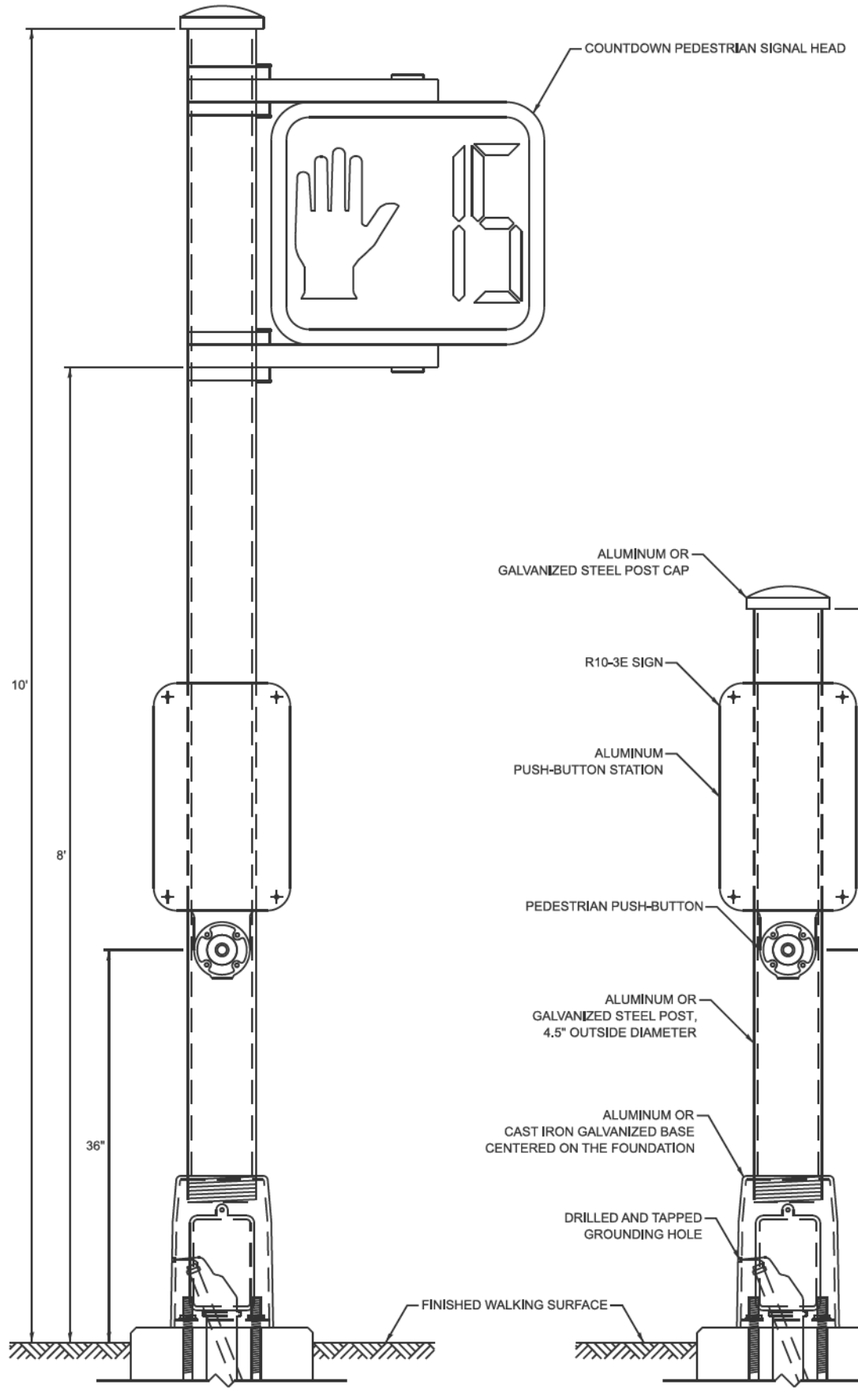
BOLT PATTERN

NOTES:

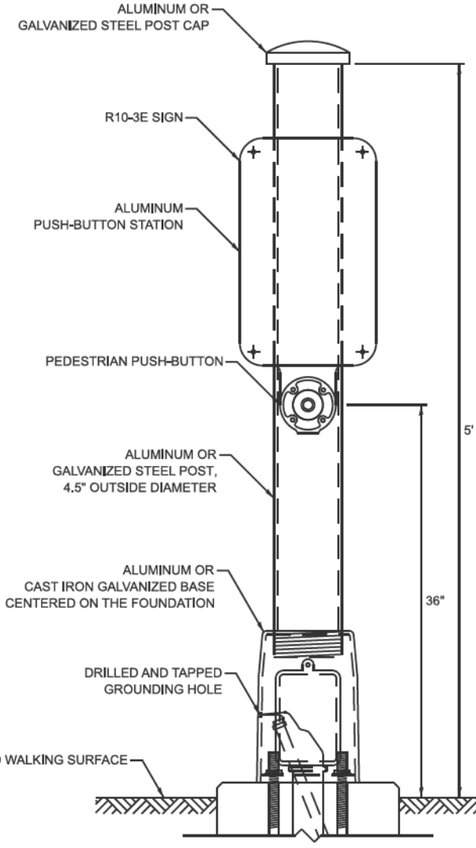
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.



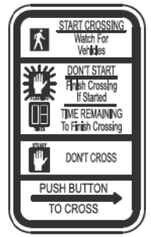
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



R10-3E
9" X 15"

W10-I101
18" X 24"

SIGN NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3E IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-I101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

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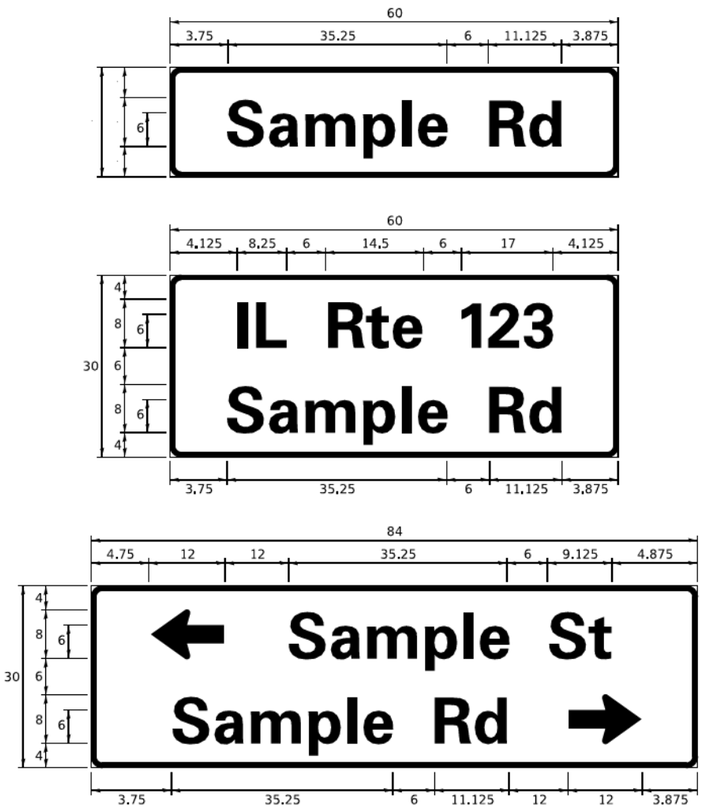
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 7 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1292	22-00206-00-CH	COOK	214	112
	TS-01	CONTRACT NO. 61K82		
		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:

- J.O. HERBERT COMPANY, INC
  MIDLOTHIAN, VA
- WESTERN REMAC, INC.
  WOODRIDGE, IL

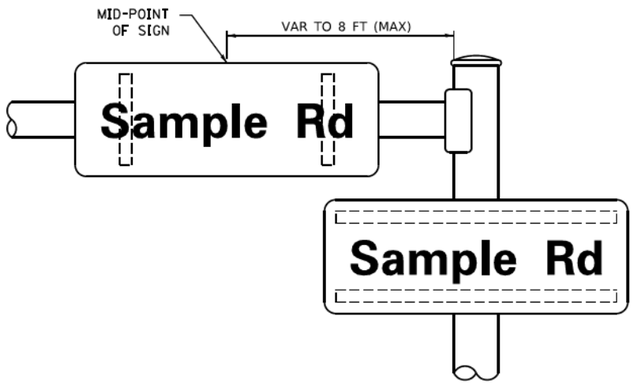
PARTS LISTING:

SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

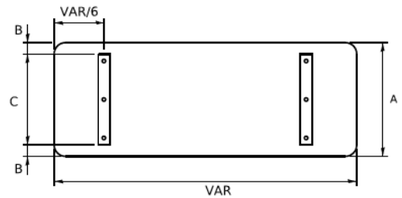
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

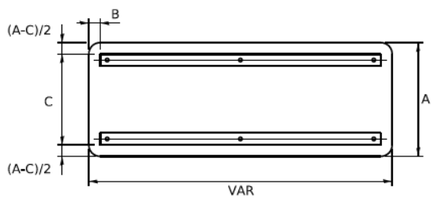
ARM OR POLE MOUNTED



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

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	DRAWN - LP	REVISED -	
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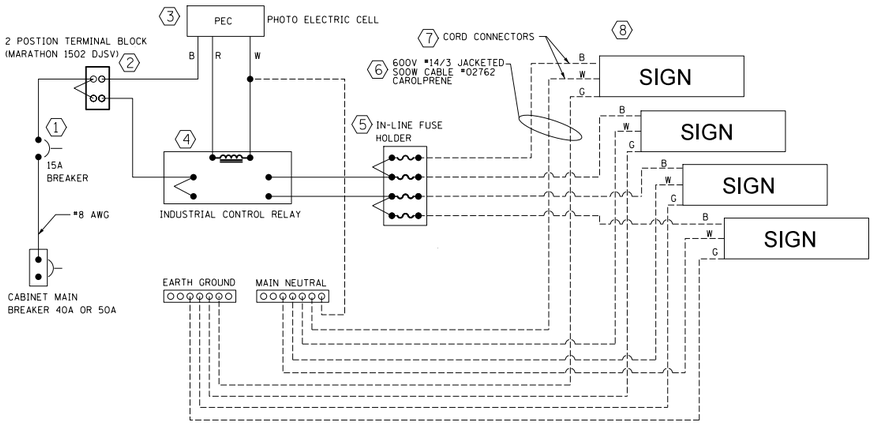
PLOT DATE = 3/4/2019	DATE - 10/01/2014	REVISED -	

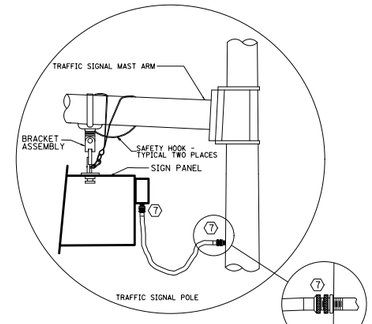
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

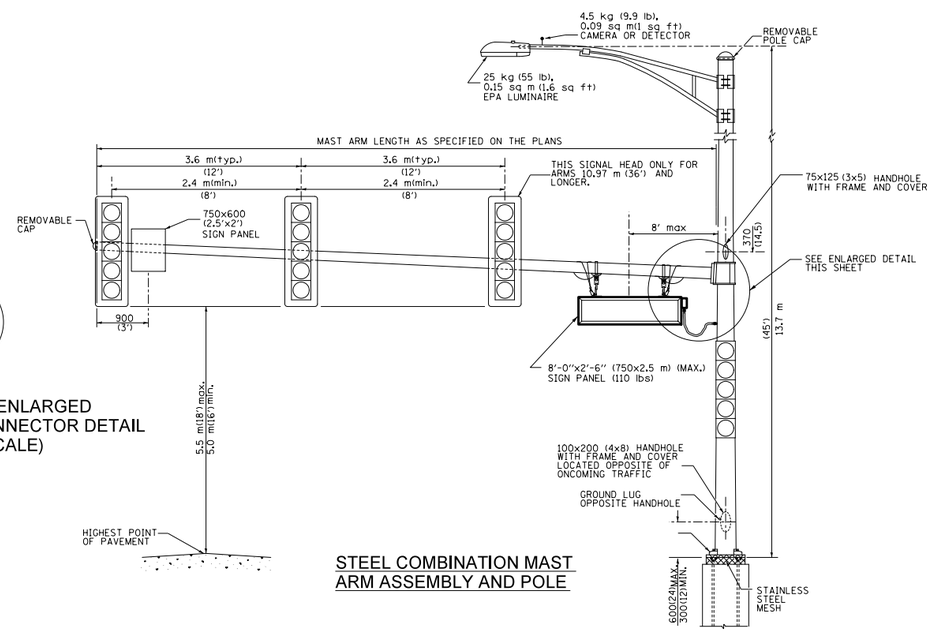
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13980 1292	22-00206-00-CH	COOK	214	113
	TS-02	CONTRACT NO. 61K81		
	ILLINOIS FED. AID PROJECT			





LED SIGN ENLARGED CABLE CONNECTOR DETAIL (NOT TO SCALE)

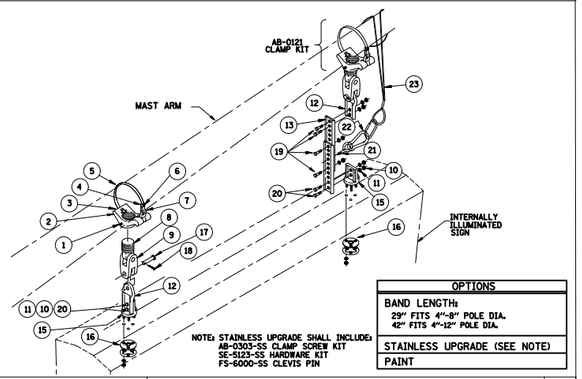


STEEL COMBINATION MAST ARM ASSEMBLY AND POLE

LED SIGN WIRING DETAIL

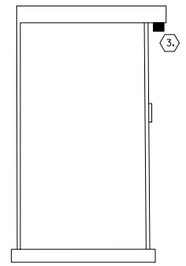
DESCRIPTION	NOTES
1. CIRCUIT BREAKER, 15 AMPERE	
2. TERMINAL BLOCK	
3. PHOTO ELECTRIC CONTROL	
4. CONTRACTOR (INDUSTRIAL CONTROL RELAY)	BOLT ON W/SCREW TERMINAL
5. INLINE FUSE HOLDER WITH 5 AMP FUSE	
6. ELECTRIC CABLE, No. 14, 3/C (BLACK, WHITE, GREEN)	
7. CORD/CABLE CONNECTOR	
8. SIGN MOUNTING HARDWARE	

TITLE: BRACKET, FREE-SWINGING MAST ARM SIGN W/BAND MOUNT MINI-BRAC



ITEM	DESCRIPTION	QTY
1	SCREW, SET SQ HD 1/4"-20 X 5/8", STAINLESS	2
2	CLAMP, MINI-BRAC BAND MOUNT, 1 1/2" NPS, ALUM	2
3	PIN, GROOVE 3/16" x 1 1/4", ZINC1	2
4	CLAMP, BAND 5/8", STAINLESS	2
5	BAND, 5/8", STAINLESS	2
6	SCREW, SET SOC HD 5/16"-18, STAINLESS	2
7	KIT, CLAMP SCREW FOR MINI-BRAC, GALV	2
8	ADAPTER, SPAN WIRE, DIE CAST ALUM W/ SS INSERT	2
9	CLEVIS-CLEVIS, 1/2" x 1/2", ALUM W/ STAINLESS BUSHINGS	2
10	NUT, HEX HD 5/16", STAINLESS	8
11	WASHER, SPLIT LOCK, 5/16", STAINLESS	8
12	EXTENDER CONNECTOR HANGER, ALUM W/ STAINLESS BUSHINGS	2
13	EXTENDER, 11"	2
15	HANGER, TRI-STUD, ALUM	2
16	HARDWARE KIT W/ GASKET, 5/16" - 18, STAINLESS	2
17	PIN, CLEVIS, 5/8" x 2 1/4" EL, GALV	4
18	PIN, COTTER HUMPED, 5/32" x 1.775" 304 STAINLESS	4
19	BOLT, HEX HD, 5/16" - 18 x 1", STAINLESS	4
20	BOLT, HEX HD, 5/16" - 18 x 1 1/4", STAINLESS	4
21	EYE HOOK, STAINLESS STEEL (RATED FOR APPROPRIATE LOAD)	2
22	CARABINER HOOK, STAINLESS STEEL, (RATED FOR APPROPRIATE LOAD)	2
23	CABLE, SAFETY, FOR SIGN HANGERS, STAINLESS	2
	SLEEVE, COMPRESSION, OVAL, STAINLESS	4
	WIRE ROPE, 3/16" X 7 X 19, AIRCRAFT, TYPE 304 STAINLESS	2
	CONNECTOR, THREADED, 3/16" X 1-1/2", STAINLESS	2
	INSTRUCTIONS, SAFETY CABLE FOR SIGN HANGERS	2

LED SIGN BRACKET DETAIL



CONTROLLER CABINET
SIDE VIEW

STEEL MAST ARM ASSEMBLY AND POLE

GENERAL NOTE:

All dimensions are in millimeters (inches) unless otherwise shown.

1. SIGNAL HEADS, SIGN PANELS, AND OTHER ATTACHMENT ARE SHOWN FOR MINIMUM DESIGN LOADING PURPOSES ONLY. EACH SIGNAL HEAD SHALL WEIGH 36 Kg (80 lb) AND HAVE A PROJECTED AREA OF 1.37 sq. m (14.7 sq ft.).
2. PHOTO ELECTRIC CELL IS TO BE MOUNTED ABOVE CABINET DOOR.
3. THE SIGN SHALL BE LOCATED AT A MAXIMUM OF 8' FROM CENTER OF SIGN TO POLE.
4. SIGN IS TO BE MOUNTED A MINIMUM OF 16' ABOVE PAVEMENT.
5. CERTAIN ADDITIONAL INFORMATION MAY BE ALLOWED ON THE SIGN. VERIFY WITH ENGINEER.
6. SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
7. ALL 120 VOLT SYSTEM AND CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
8. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
9. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
   R = RED, Bl = BLUE, W = WHITE
   B = BLACK, Y = YELLOW, G = GREEN

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681_TS Detail-IDOT Standard Internal Illuminated Street Name Signs.dgn

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED -	LEP	REVISED -
DRAWN -	LEP	REVISED -
CHECKED -	JJE	REVISED -
DATE -	7/13/2026	REVISED -

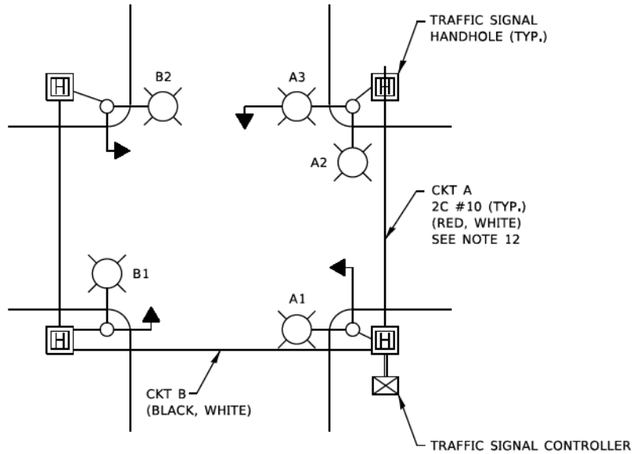
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NO SCALE

INTERNALLY ILLUMINATED STREET NAME SIGN DETAIL

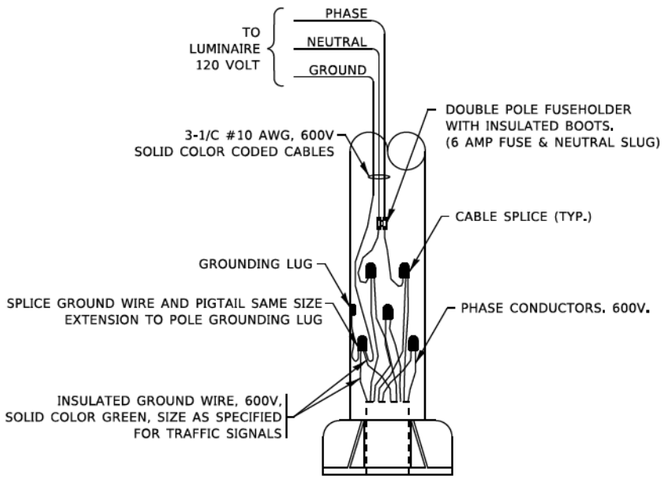
SHEET 1 OF 1 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	114
		CONTRACT NO. 61K82		
	ILLINOIS			



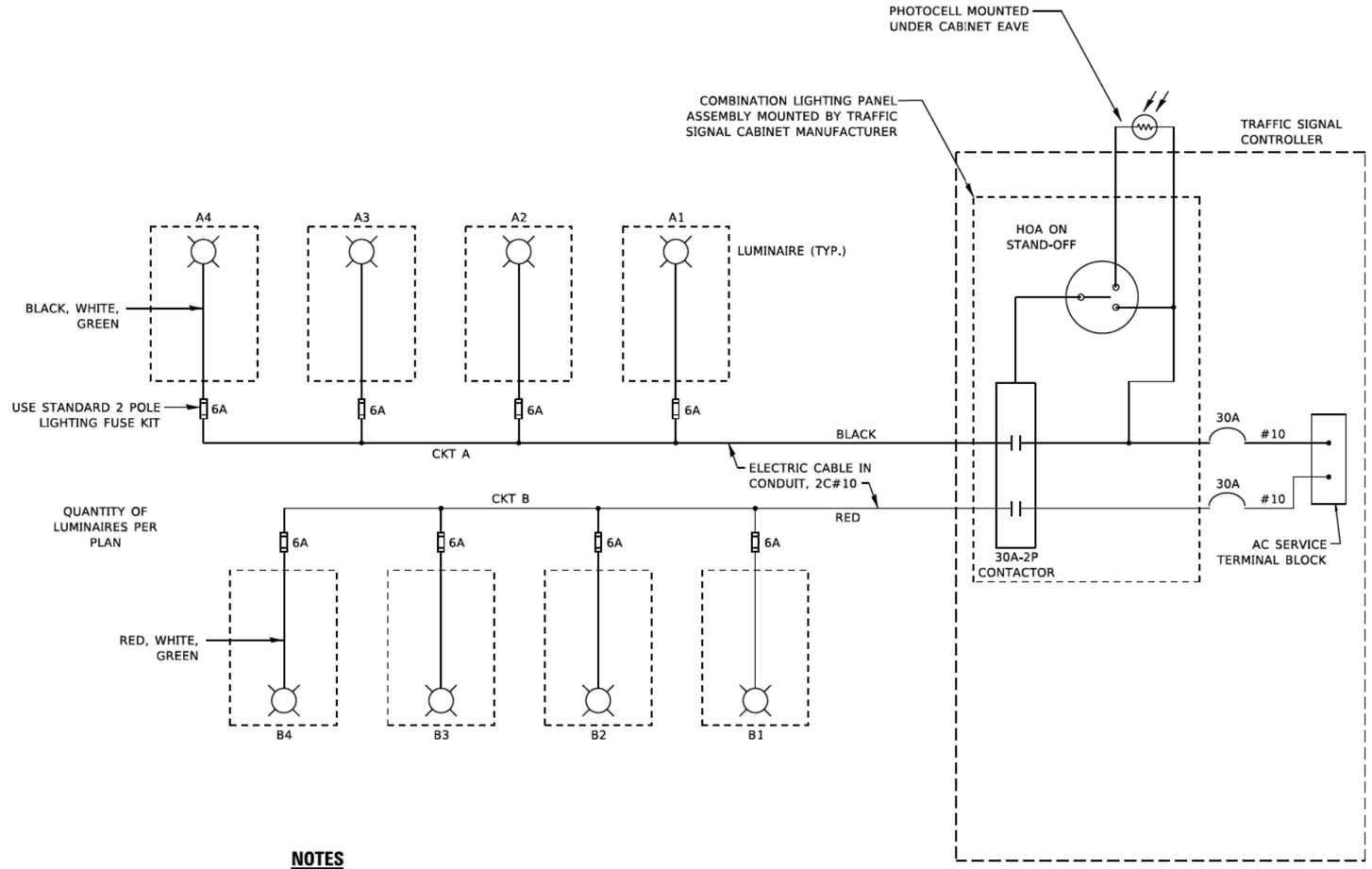
TYPICAL LIGHTING CIRCUIT

(NOT TO SCALE)



COMBINATION POLE WIRING DETAIL

(NOT TO SCALE)



NOTES

1. 4 LUMINAIRES PER CIRCUIT, MAXIMUM.
2. TWO #10 (XLP-TYPE USE) CABLES TO BE USED FOR LIGHTING CIRCUITS.
3. ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
4. ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
5. FOR LIGHTING CIRCUITS, CONNECT TWO CIRCUIT BREAKERS TO AC SERVICE TERMINAL BLOCK.
6. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
7. THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROL" WITH THE POSITIONS "AUTO", "OFF" AND "TEST" WITH ENGRAVED NAME PLATES.
8. LIGHTING CONNECTED TO UPS BYPASS CIRCUIT.
9. COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
10. LUMINAIRE VOLTAGE SHALL BE 120V
11. POLE WIRING & FUSE KITS ARE INCLUDED IN THE LUMINAIRE PAY ITEM.
12. THE UNDERGROUND EQUIPMENT GROUND WIRE IS SHOWN IN THE TRAFFIC SIGNAL PLANS AND IS INCLUDED IN THE SIGNAL PLANS. IT IS SHARED GROUND BETWEEN SIGNALS AND LIGHTING.

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USER NAME = demanchelt	DESIGNED - RT	REVISED - T.G. 4/12/2017	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC	F.A.U. RTE. 1292	SECTION 22-00206-00-CH	COUNTY COOK	TOTAL SHEETS 214	SHEET NO. 115
	DRAWN -	REVISED - R. TOMSONS 3/22/18				BE-240	CONTRACT NO. 61K82		
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PLOT DATE = 5/5/2022	DATE - 08/18/2014	REVISED - T.G. 5/05/2022							

REMOVAL NOTES:

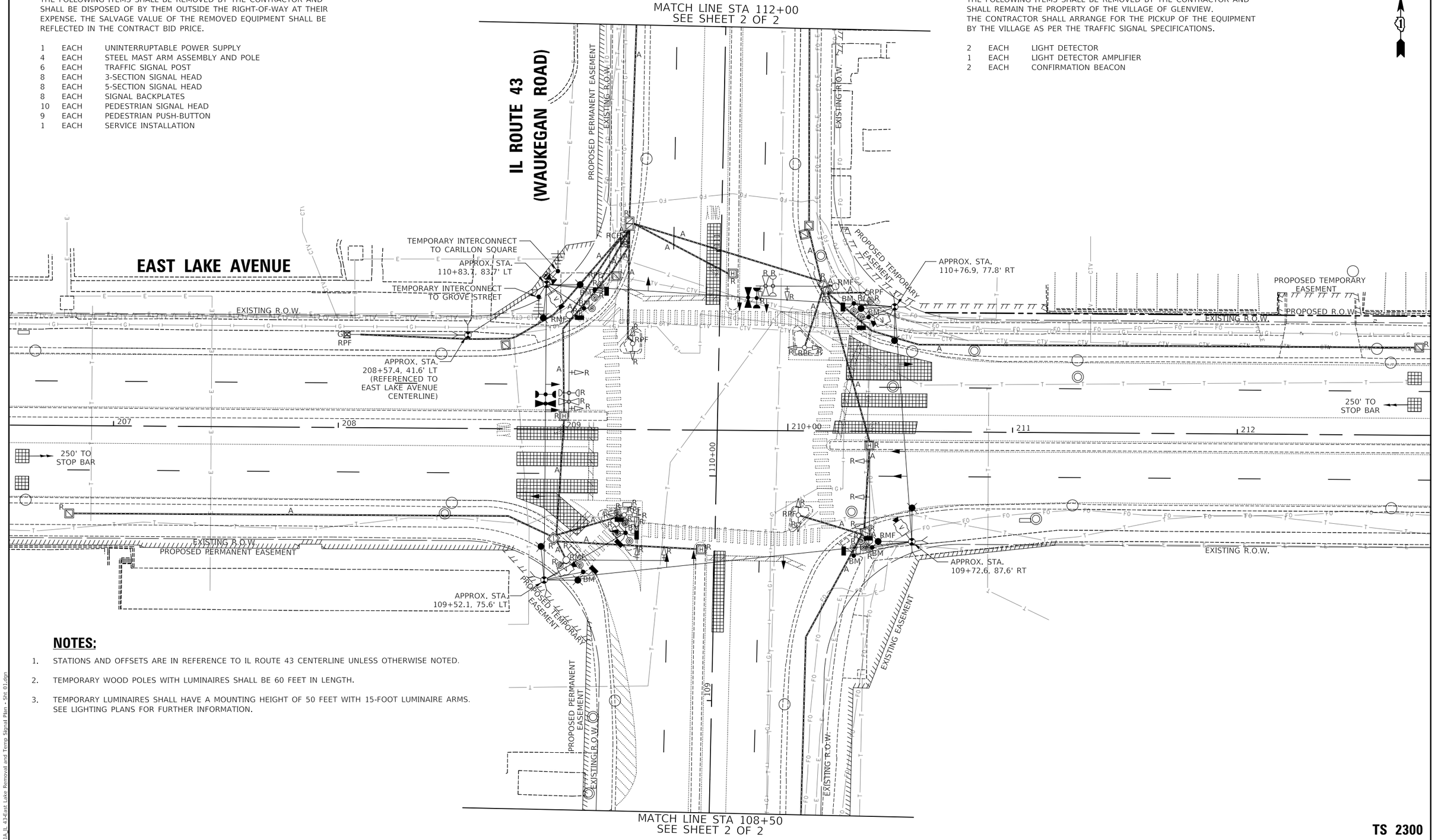
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	UNINTERRUPTABLE POWER SUPPLY
4	EACH	STEEL MAST ARM ASSEMBLY AND POLE
6	EACH	TRAFFIC SIGNAL POST
8	EACH	3-SECTION SIGNAL HEAD
8	EACH	5-SECTION SIGNAL HEAD
8	EACH	SIGNAL BACKPLATES
10	EACH	PEDESTRIAN SIGNAL HEAD
9	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION

REMOVAL NOTES (CONT.):

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE VILLAGE OF GLENVIEW. THE CONTRACTOR SHALL ARRANGE FOR THE PICKUP OF THE EQUIPMENT BY THE VILLAGE AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
2	EACH	CONFIRMATION BEACON



NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.
2. TEMPORARY WOOD POLES WITH LUMINAIRES SHALL BE 60 FEET IN LENGTH.
3. TEMPORARY LUMINAIRES SHALL HAVE A MOUNTING HEIGHT OF 50 FEET WITH 15-FOOT LUMINAIRE ARMS. SEE LIGHTING PLANS FOR FURTHER INFORMATION.

TS 2300

ECON 165

PLAN: DATE, BY, SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.

PROFILE: DATE, BY, SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO.

MODEL: SMODELNAMES
FILE NAME: ...\3861-TS01A_IL 43-East Lake Removal and Temp Signal Plan - Sht 01.dgn

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
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DRAWN - LEP		REVISED -
CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

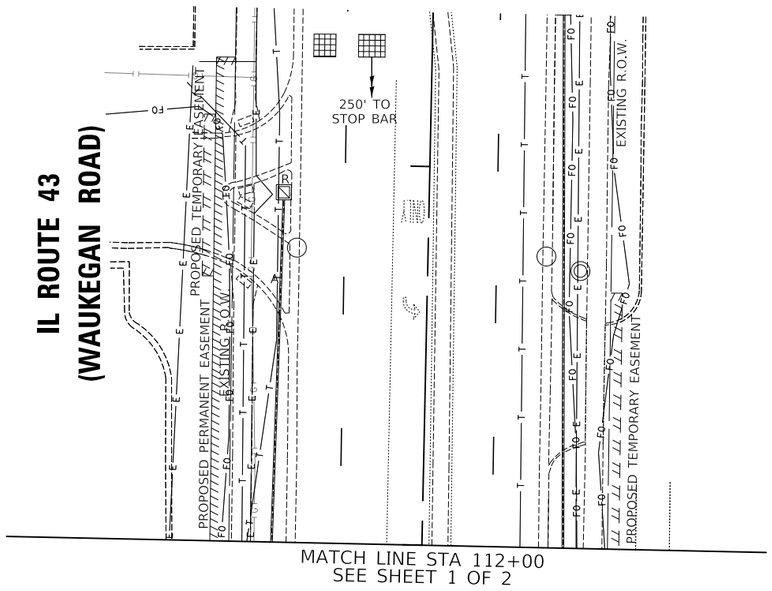
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

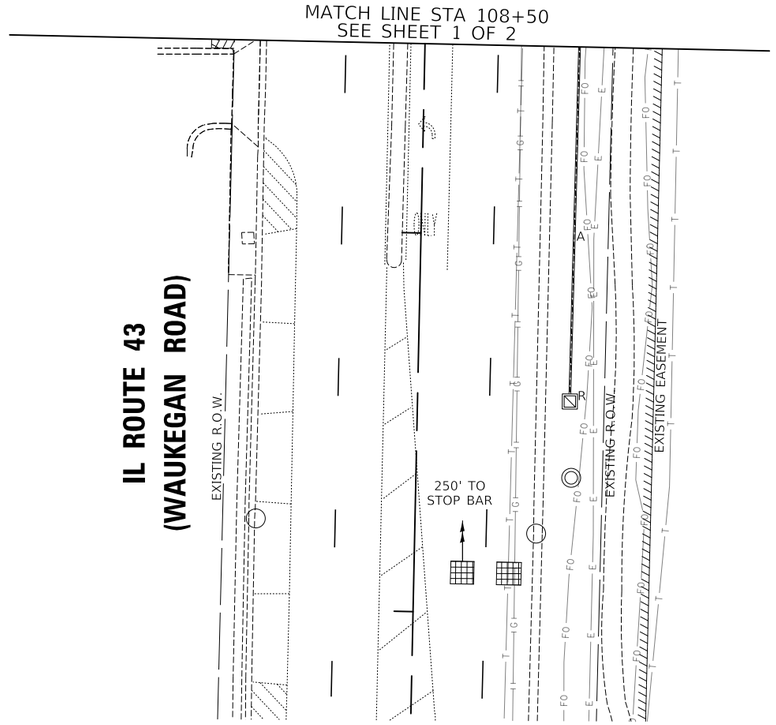
SCALE 0 20 40

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 1 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE

SHEET 1 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	116
		CONTRACT NO. 61K82		
	ILLINOIS			





NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.

TS 2300
ECON 165

PLAN: SURVEYED, PLOTTED, CHARTS CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, CHARTS CHECKED, B.M. NOTED, STRUCTURE NO, TAIWS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-T501B_IL 43-East Lake Removal and Temp Signal Plan - Sht 02.dgn

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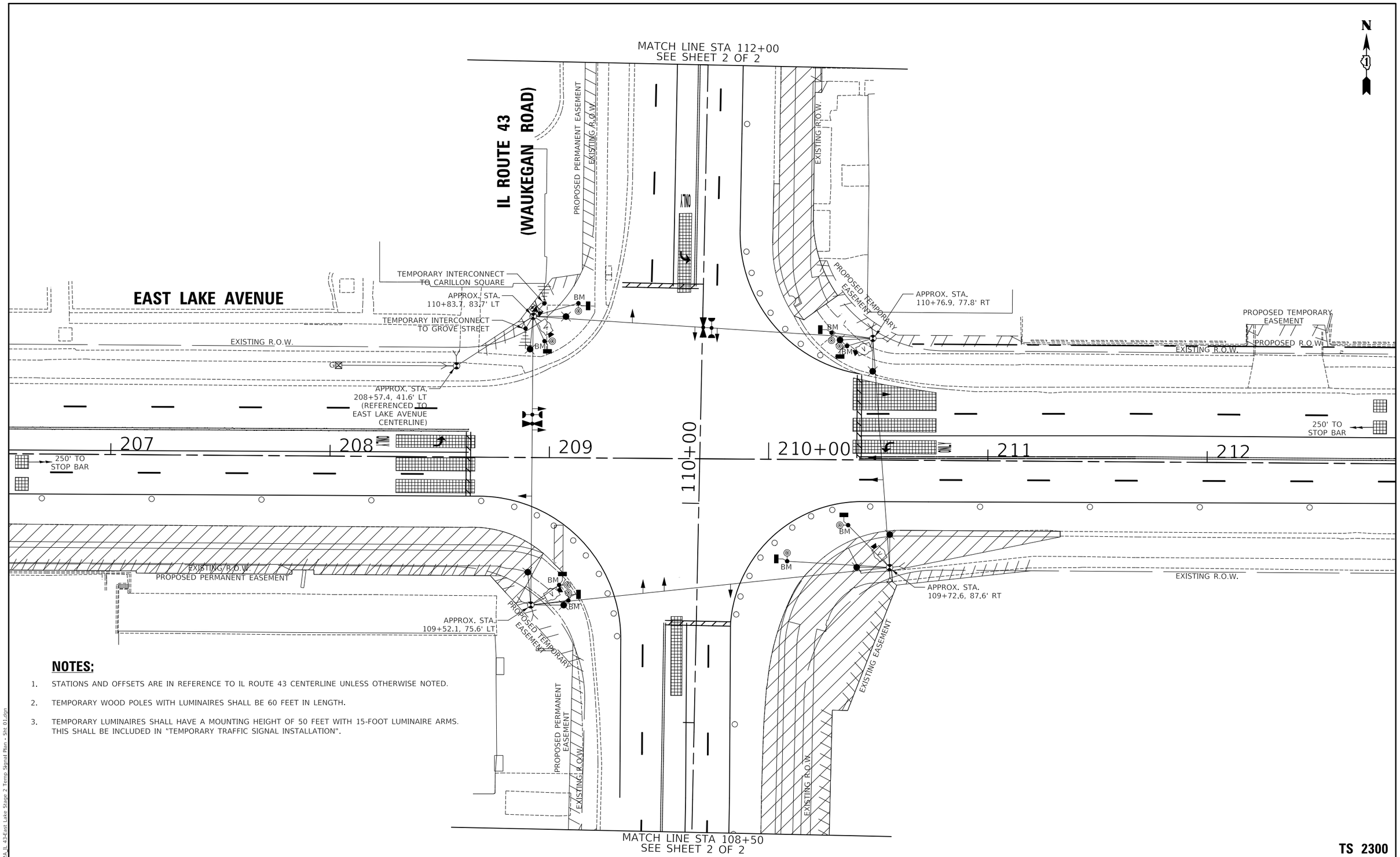
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 2 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 2 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	117
		CONTRACT NO. 61K82		
	ILLINOIS			



NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.
2. TEMPORARY WOOD POLES WITH LUMINAIRES SHALL BE 60 FEET IN LENGTH.
3. TEMPORARY LUMINAIRES SHALL HAVE A MOUNTING HEIGHT OF 50 FEET WITH 15-FOOT LUMINAIRE ARMS. THIS SHALL BE INCLUDED IN "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO&TYPE CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-T502A_IL 43-East Lake Stage 2 Temp Signal Plan - Sht 01.dgn

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DRAWN - LEP		REVISED -
CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

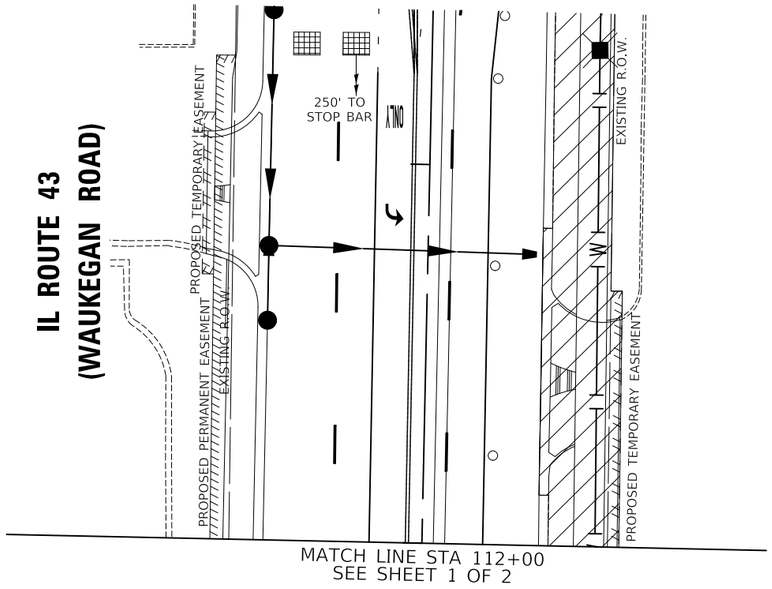
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

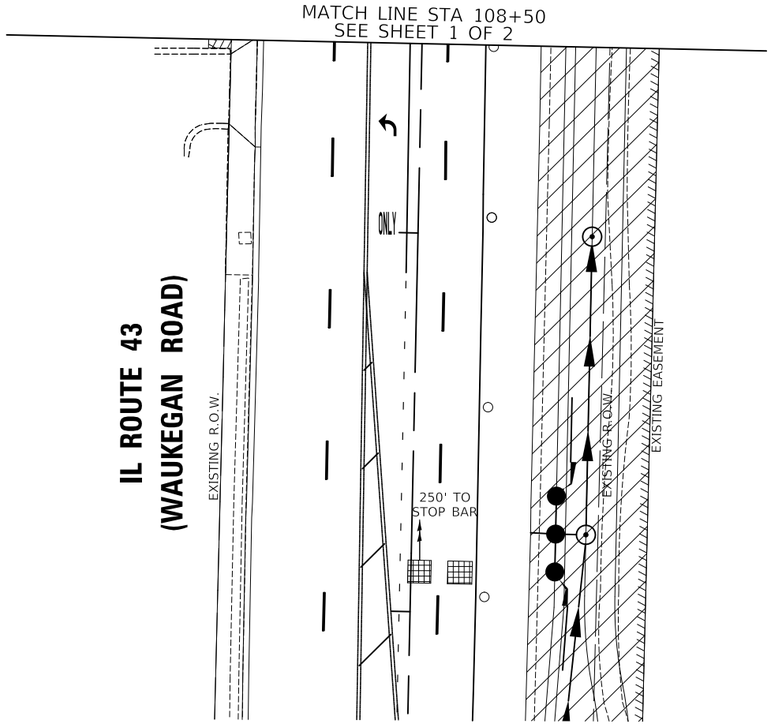
SCALE
0 20 40

TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. STAGE 2 (SHEET 1 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 1 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	118
		CONTRACT NO. 61K82		
	ILLINOIS			

TS 2300
ECON 165





NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.

TS 2300
ECON 165

PLAN: SURVEYED, PLOTTED, CHARS. CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, CHARS. CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\3681-TS02B_IL 43-East Lake Stage 2 Temp Signal Plan - Sht 02.dgn

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DRAWN - LEP		REVISED -
CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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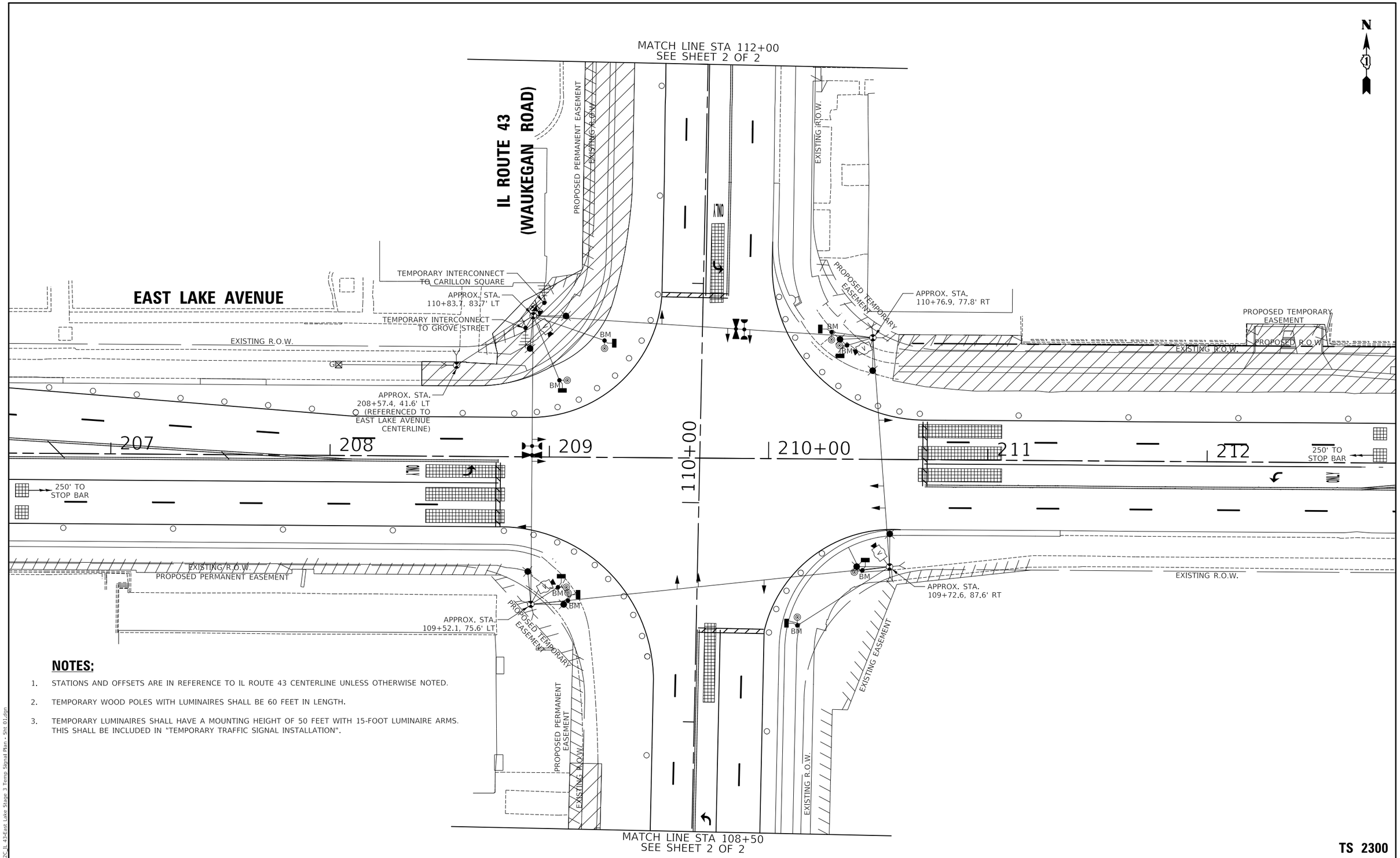
0 20 40

TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. STAGE 2 (SHEET 2 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 2 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	119
		CONTRACT NO. 61K82		
	ILLINOIS			



PLAN

DATE	BY	
		SURVEYED
		PLOTTED
		ALIGNMENT CHECKED
		RT. OF WAY CHECKED
		CADD FILE NAME
		NOTE BOOK
		NO.

PROFILE

DATE	BY	
		SURVEYED
		PLOTTED
		GRADES CHECKED
		B.M. NOTED
		STRUCTURE NOTATNS CHKD
		NOTE BOOK
		NO.

NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.
2. TEMPORARY WOOD POLES WITH LUMINAIRES SHALL BE 60 FEET IN LENGTH.
3. TEMPORARY LUMINAIRES SHALL HAVE A MOUNTING HEIGHT OF 50 FEET WITH 15-FOOT LUMINAIRE ARMS. THIS SHALL BE INCLUDED IN "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

TS 2300
ECON 165

MODEL: SMODELNAMES
FILE NAME: ...\3681-T502C_IL 43-East Lake Stage 3 Temp Signal Plan - Sht 01.dgn

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DEPARTMENT OF TRANSPORTATION

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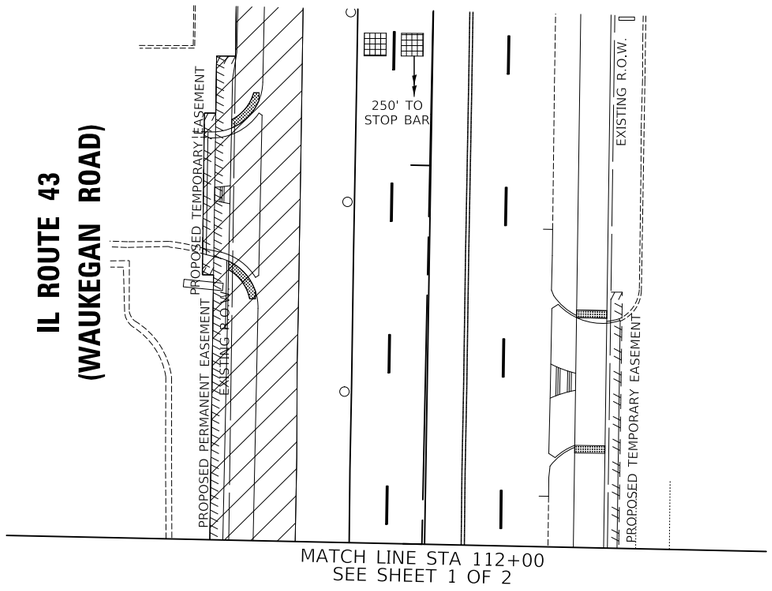
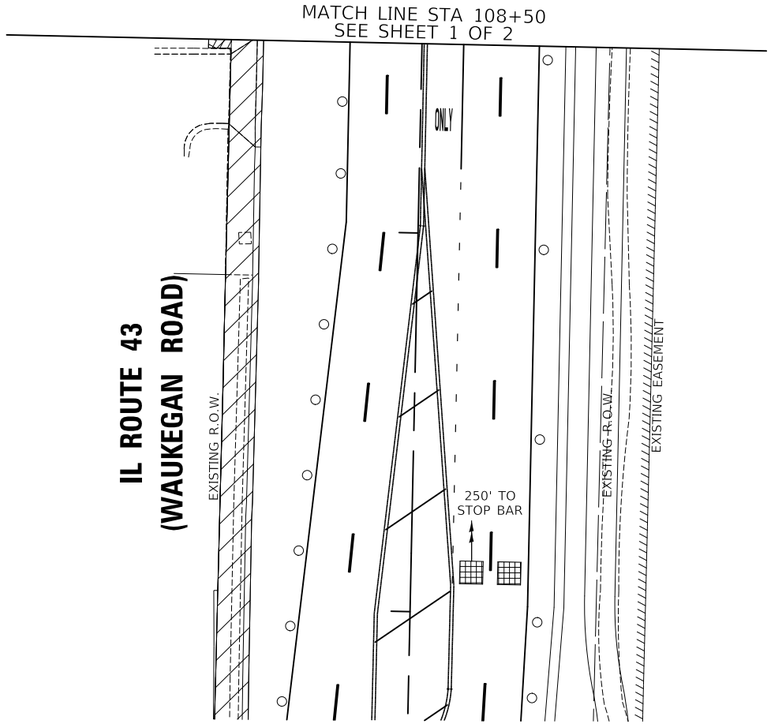
TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. STAGE 3 (SHEET 1 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 1 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	120
		CONTRACT NO. 61K82		
	ILLINOIS			





NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.

TS 2300
ECON 165

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATNS CHKD		

MODEL: SMODELNAMES
FILE NAME: ...13681-TS02D_IL 43-East Lake Stage 3 Temp Signal Plan - Sht 02.dgn

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CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. STAGE 3 (SHEET 2 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 2 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	121
		CONTRACT NO. 61K82		
	ILLINOIS			

MATCH LINE STA 112+00
SEE SHEET 2 OF 2

N

IL ROUTE 43
(WAUKEGAN ROAD)

EAST LAKE AVENUE

PROPOSED PERMANENT EASEMENT
EXISTING R.O.W.

EXISTING R.O.W.

TEMPORARY INTERCONNECT TO CARILLON SQUARE

APPROX. STA. 110+83.7, 83.7' LT

TEMPORARY INTERCONNECT TO GROVE STREET

EXISTING R.O.W.

APPROX. STA. 208+57.4, 41.6' LT (REFERENCED TO EAST LAKE AVENUE CENTERLINE)

PROPOSED TEMPORARY EASEMENT

APPROX. STA. 110+76.9, 77.8' RT

PROPOSED TEMPORARY EASEMENT

EXISTING R.O.W.

PROPOSED R.O.W.

BM

207 | 208 | 209 | 110+00 | 210+00 | 211 | 212

250' TO STOP BAR

250' TO STOP BAR

EXISTING R.O.W.

PROPOSED PERMANENT EASEMENT

APPROX. STA. 109+52.1, 75.6' LT

PROPOSED TEMPORARY EASEMENT

PROPOSED PERMANENT EASEMENT

EXISTING R.O.W.

EXISTING R.O.W.

APPROX. STA. 109+72.6, 87.6' RT

EXISTING EASEMENT

EXISTING R.O.W.

MATCH LINE STA 108+50
SEE SHEET 2 OF 2

NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.
2. TEMPORARY WOOD POLES WITH LUMINAIRES SHALL BE 60 FEET IN LENGTH.
3. TEMPORARY LUMINAIRES SHALL HAVE A MOUNTING HEIGHT OF 50 FEET WITH 15-FOOT LUMINAIRE ARMS. THIS SHALL BE INCLUDED IN "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

TS 2300
ECON 165

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO, TANS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681-TS02E_IL 43-East Lake Stage 3A-3B Temp Signal Plan - Sht 01.dgn

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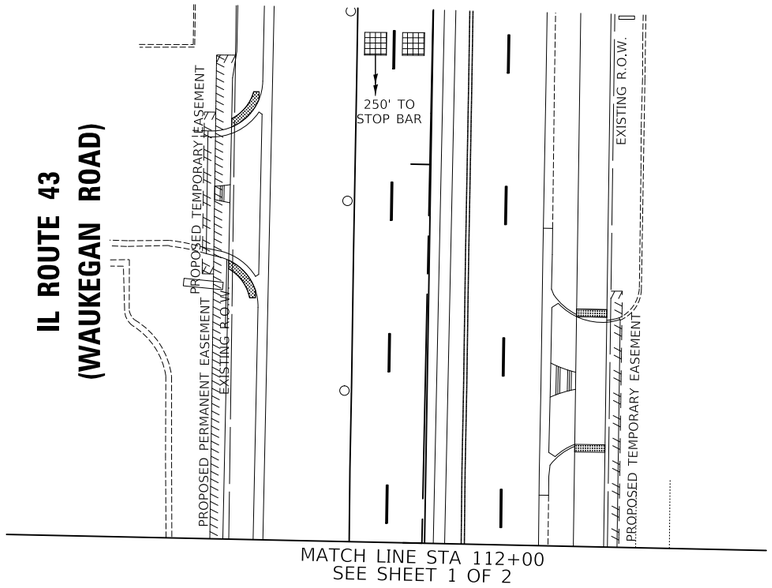
CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

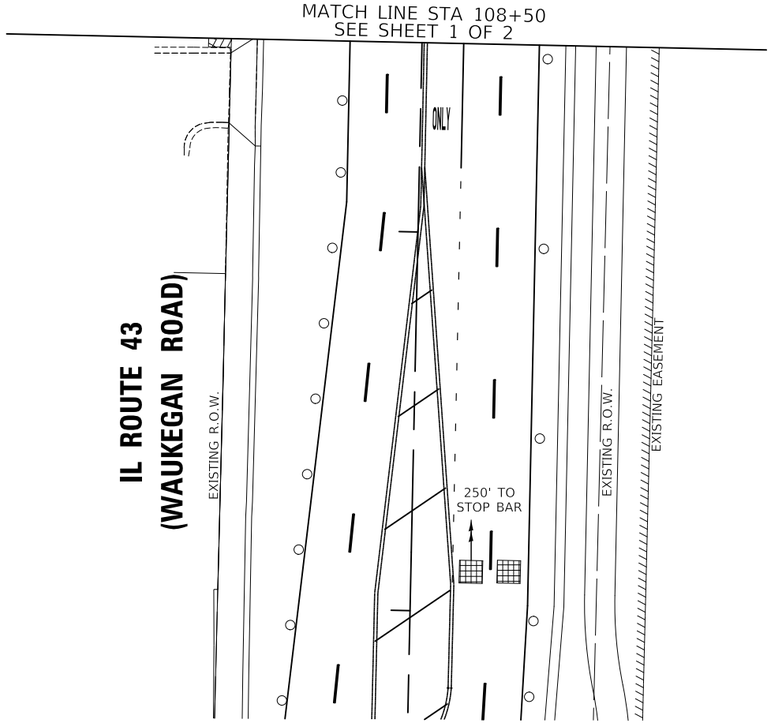
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. STAGE 3A & 3B (SHEET 1 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 1 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	122
		CONTRACT NO. 61K82		
	ILLINOIS			





NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.

TS 2300
ECON 165

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATNS CHKD		

MODEL: SMODELNAME5
FILE NAME: ...\3681-T502F_IL 43-East Lake Stage 3A-3B Temp Signal Plan - Sht 02.dgn

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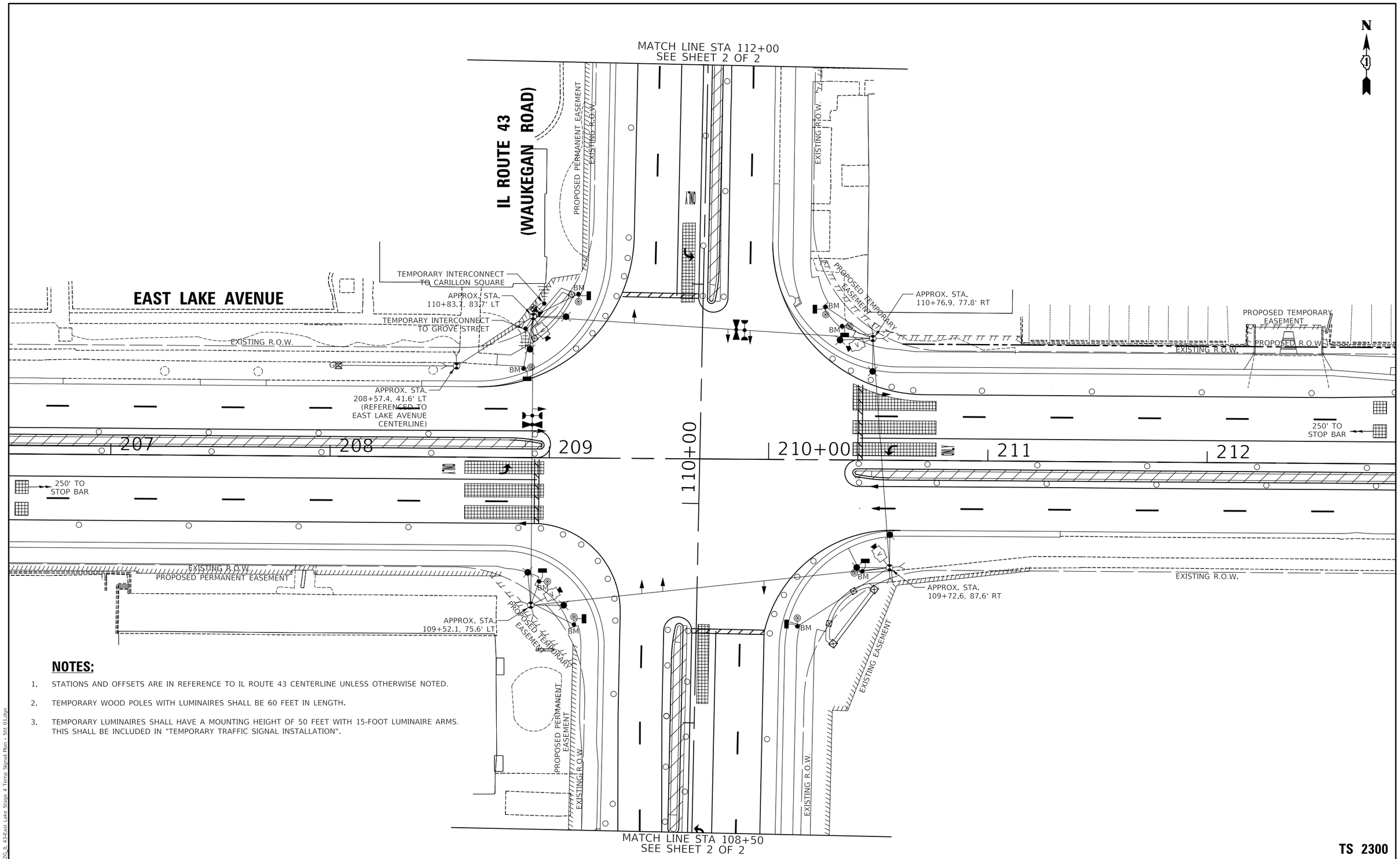
DRAWN - LEP		REVISED -
CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. STAGES 3A & 3B (SHEET 2 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 2 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	123
		CONTRACT NO. 61K82		
	ILLINOIS			



NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.
2. TEMPORARY WOOD POLES WITH LUMINAIRES SHALL BE 60 FEET IN LENGTH.
3. TEMPORARY LUMINAIRES SHALL HAVE A MOUNTING HEIGHT OF 50 FEET WITH 15-FOOT LUMINAIRE ARMS. THIS SHALL BE INCLUDED IN "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

TS 2300
ECON 165

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-TS02G_IL 43-East Lake Stage 4 Temp Signal Plan - Sht 01.dgn

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DRAWN - LEP		REVISED -
CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
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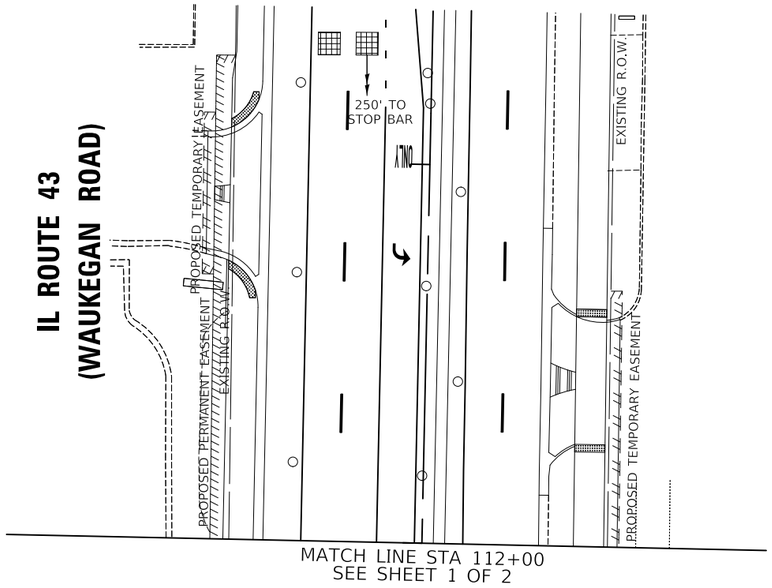
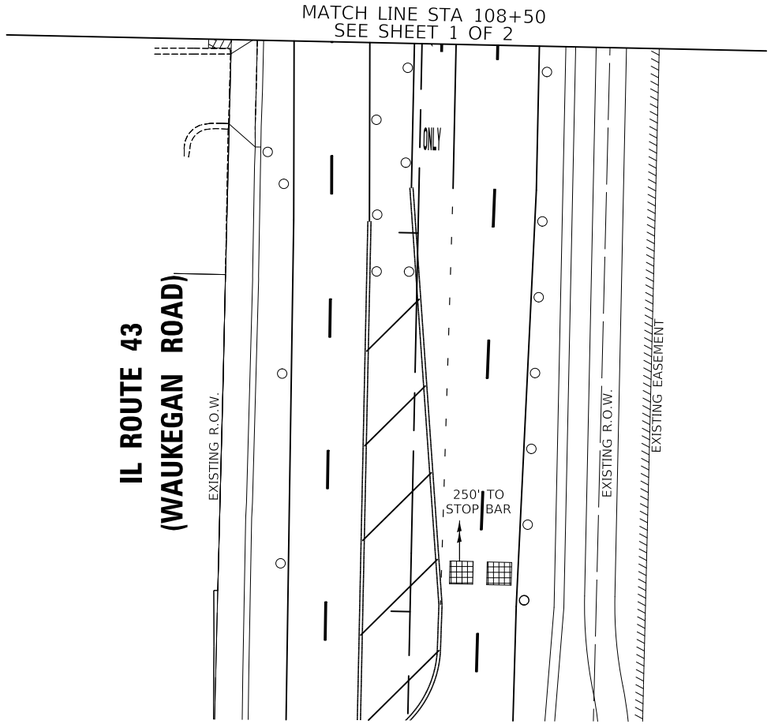
TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. STAGE 4 (SHEET 1 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 1 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	124
		CONTRACT NO. 61K82		
	ILLINOIS			





NOTES:

1. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.

TS 2300
ECON 165

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DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

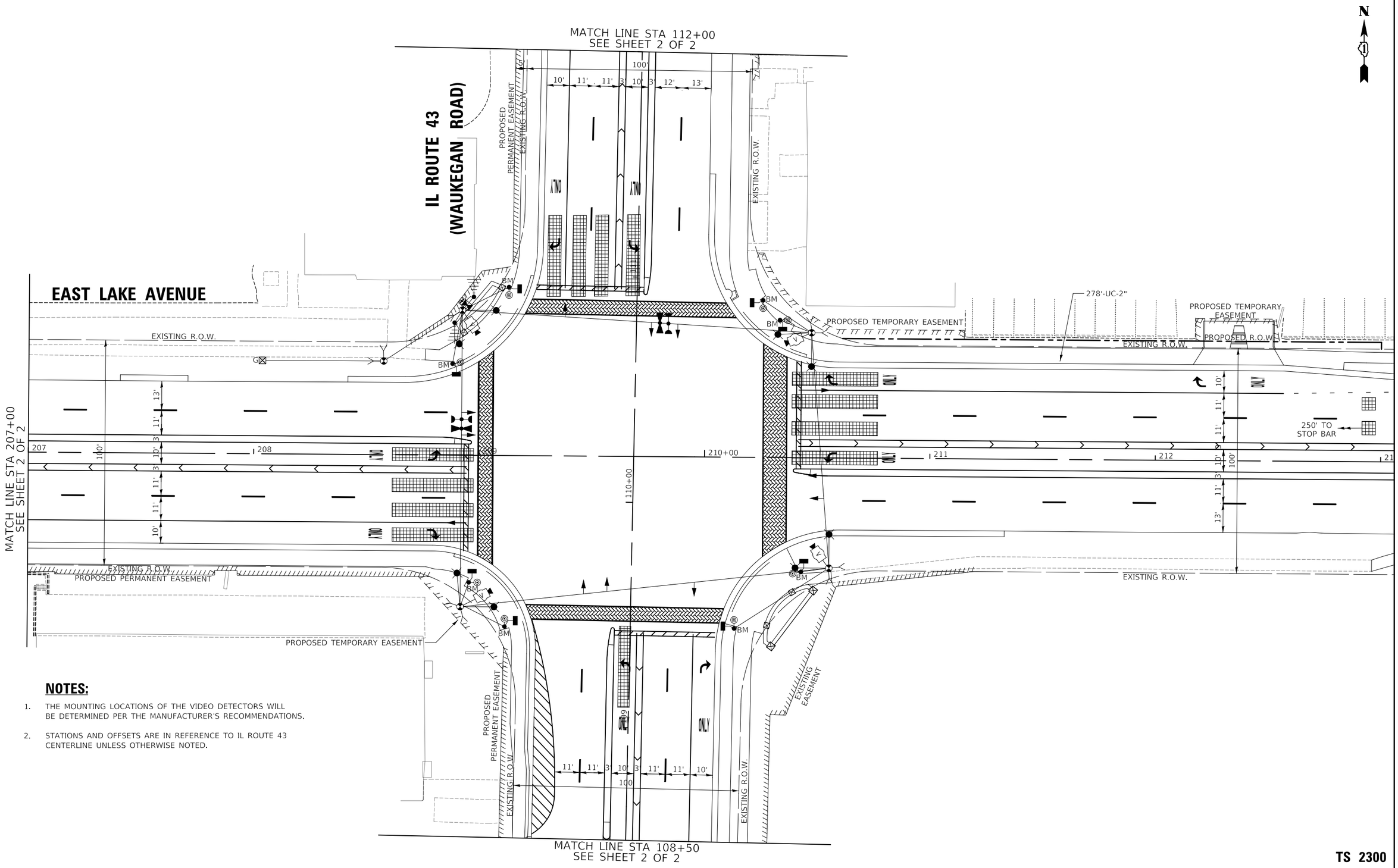
TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. STAGE 4 (SHEET 2 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 2 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	125
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAME5
FILE NAME: ...\3681-T502H_IL 43>East Lake Stage 4 Temp Signal Plan - Sht 02.dgn



NOTES:

1. THE MOUNTING LOCATIONS OF THE VIDEO DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.
2. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.

TS 2300
ECON 165

PLAN: SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, B.M. NOTED, CADD FILE NAME, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\3861-TS02\IL 43-East Lake Final Stage Temp Signal Plan - sht 01.dgn

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DEPARTMENT OF TRANSPORTATION

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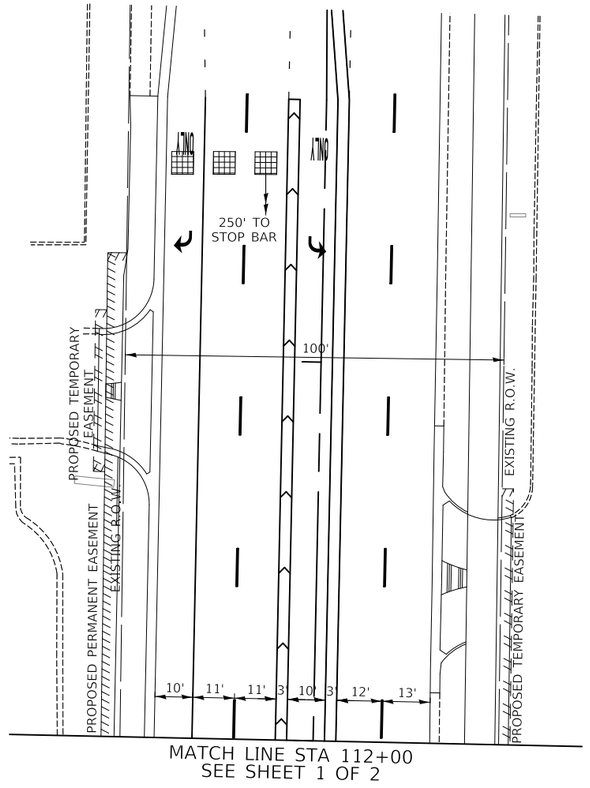
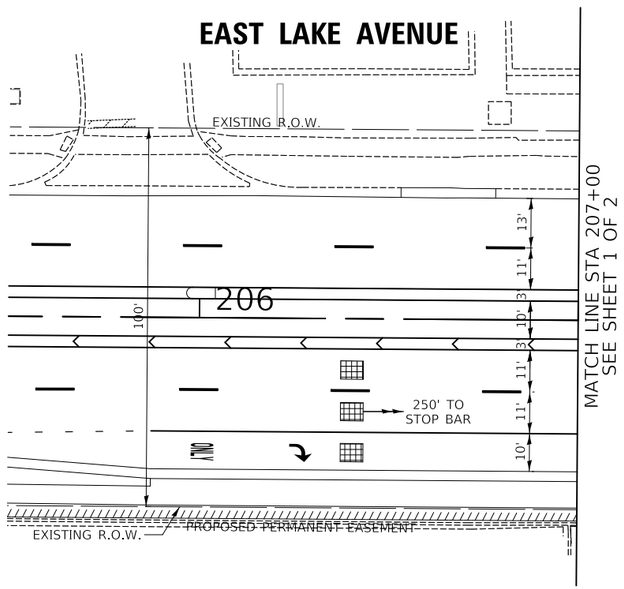
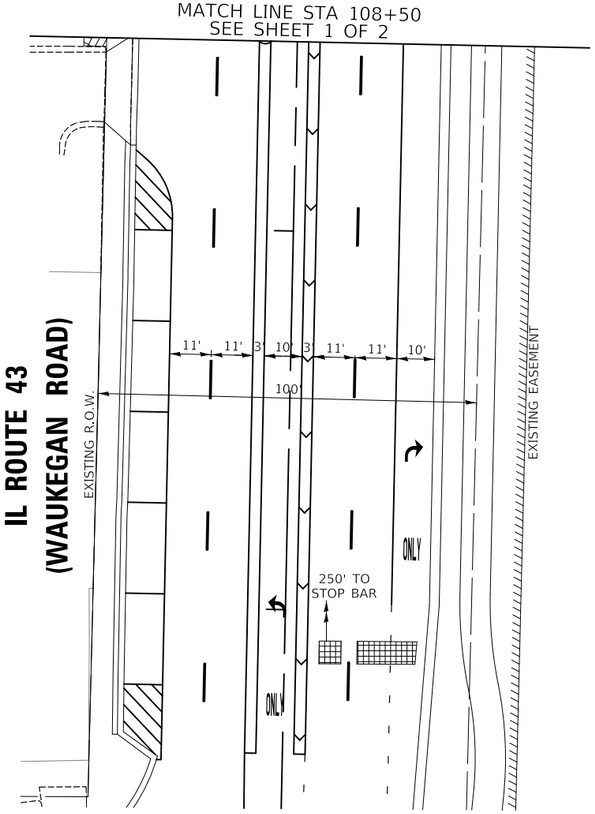
TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. FINAL STAGE (SHEET 1 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE
SHEET 1 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	126
		CONTRACT NO. 61K82		
	ILLINOIS			







N

TS 2300
ECON 165

PLAN | SURVEYED | PLOTTED | DRAWN | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | DRAWN | CHECKED | B.M. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

MODEL: SMODELNAMES
FILE NAME: ...13681-T502_IL 43-East Lake Final Stage Temp Signal Plan - sht 02.dgn

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Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

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DRAWN - LEP	REVISED -	
CHECKED - JJE	REVISED -	
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

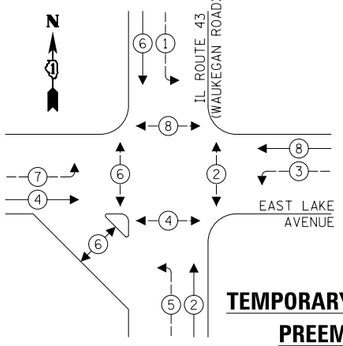
SCALE
0 20 40

TEMPORARY TRAFFIC SIGNAL PLAN
M.O.T. FINAL STAGE (SHEET 2 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE

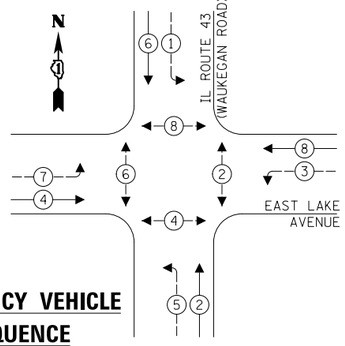
SHEET 2 OF 2 SHEETS | STA. | TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	127
		CONTRACT NO. 61K82		
	ILLINOIS			

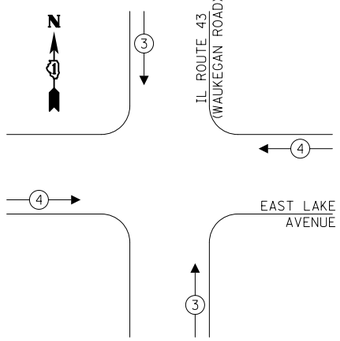
TEMPORARY CONTROLLER SEQUENCE (STAGE 1)



TEMPORARY CONTROLLER SEQUENCE (ALL OTHER STAGES)



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE (ALL STAGES)



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 3 - SECTION	5	11	55.0
4 - SECTION	-	14	-
5 - SECTION	8	13	104.0
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL	10	15	150.0
CONTROLLER	1	150	150.0
MASTER CONTROLLER	1	100	100.0
UPS	1	25	25.0
DETECTION RADAR	-	20	-
VIDEO	4	20	80.0
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			664.0
UPS CHARGING	1	225	225.0
BATTERY HEATER MAT	1	180	180.0
CABINET HEATER	1	200	200.0
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	8	214	1712.0
TOTAL SERVICE WIRE SIZING =			2981.0

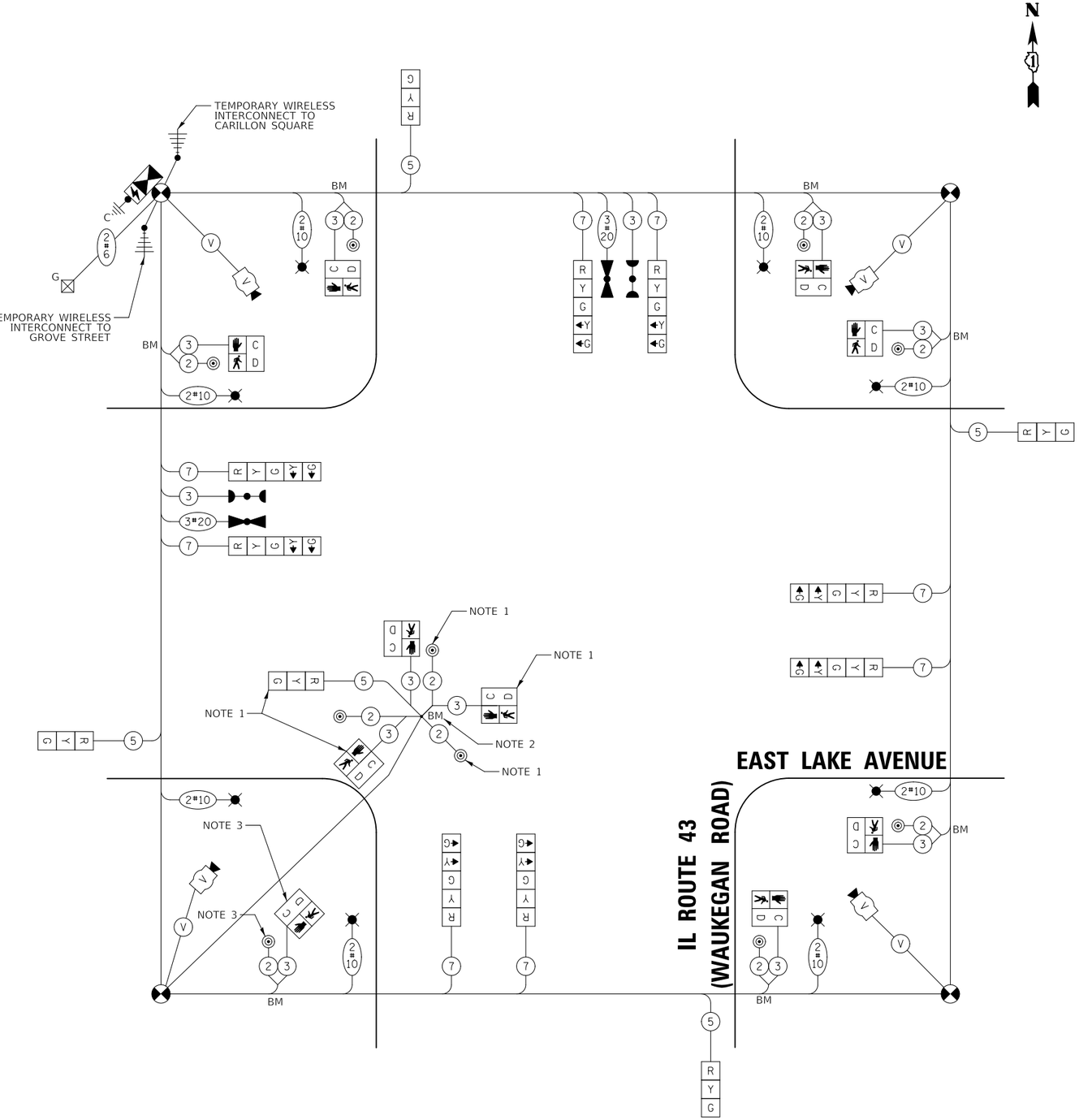
ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ
PHONE: (773) 799-6111
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:

NOTES:

1. THESE TRAFFIC SIGNAL ITEMS SHALL BE DISCONNECTED AND RELOCATED OR REMOVED AFTER M.O.T. STAGE 1.
2. THIS BARREL-MOUNTED POST SHALL BE MOVED OUT OF THE ROADWAY TO THE SOUTHWEST CORNER AFTER M.O.T. STAGE 1.
3. THESE TRAFFIC SIGNAL ITEMS SHALL BE MADE TO OPERATE FOR THE SOUTH LEG CROSSWALK AFTER M.O.T. STAGE 1.



TEMPORARY CABLE PLAN

(NOT TO SCALE)

TS 2300
ECON 165

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-TS03_IL 43-East Lake Temp Cable Plan.dgn

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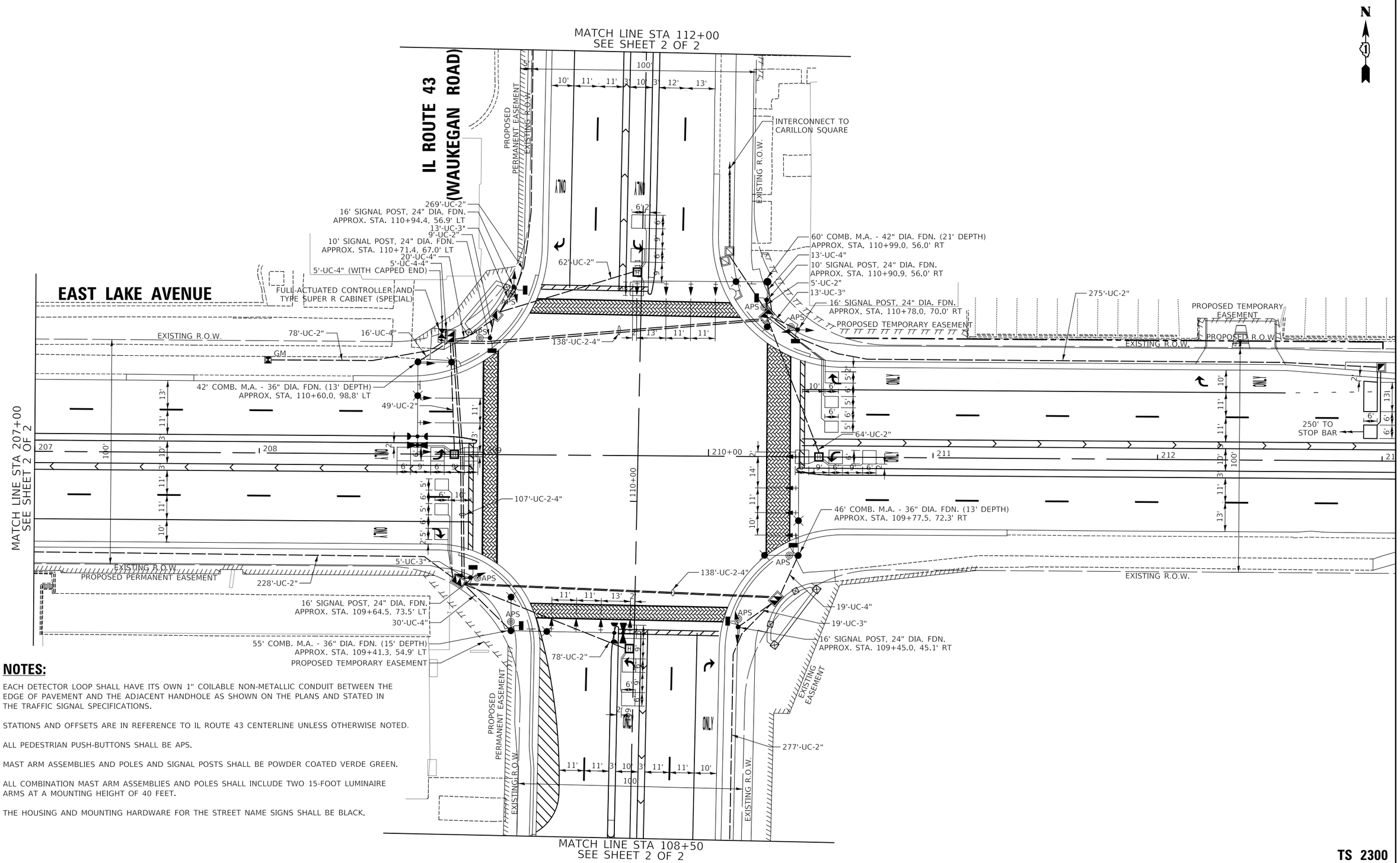
CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE

SHEET 1 OF 1 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	128
		CONTRACT NO. 61K82		
	ILLINOIS			



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. STATIONS AND OFFSETS ARE IN REFERENCE TO IL ROUTE 43 CENTERLINE UNLESS OTHERWISE NOTED.
3. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
4. MAST ARM ASSEMBLIES AND POLES AND SIGNAL POSTS SHALL BE POWDER COATED VERDE GREEN.
5. ALL COMBINATION MAST ARM ASSEMBLIES AND POLES SHALL INCLUDE TWO 15-FOOT LUMINAIRE ARMS AT A MOUNTING HEIGHT OF 40 FEET.
6. THE HOUSING AND MOUNTING HARDWARE FOR THE STREET NAME SIGNS SHALL BE BLACK.

TS 2300
ECON 165

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO/ATN'S CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-TS04_IL 43-East Lake PR Signal Plan - sht 01.dgn

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CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

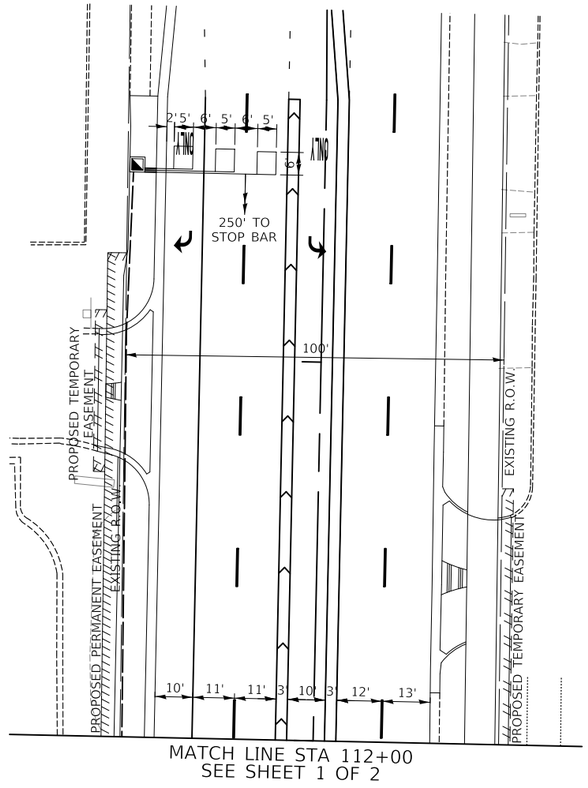
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 20 40

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE

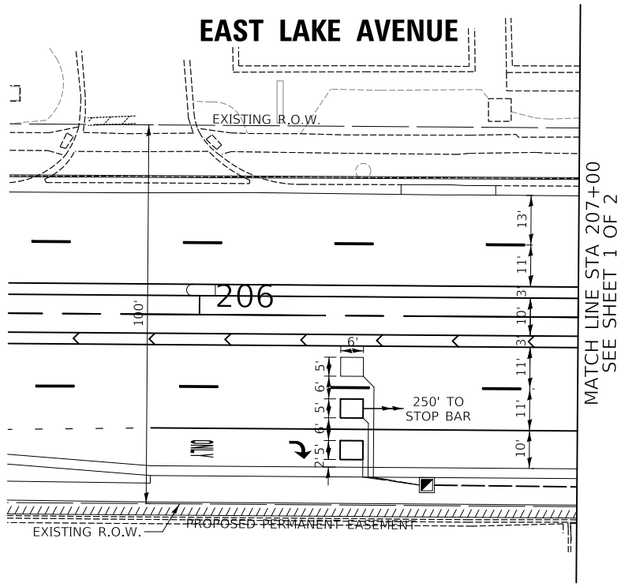
SHEET 1 OF 2 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	129
		CONTRACT NO. 61K82		
	ILLINOIS			



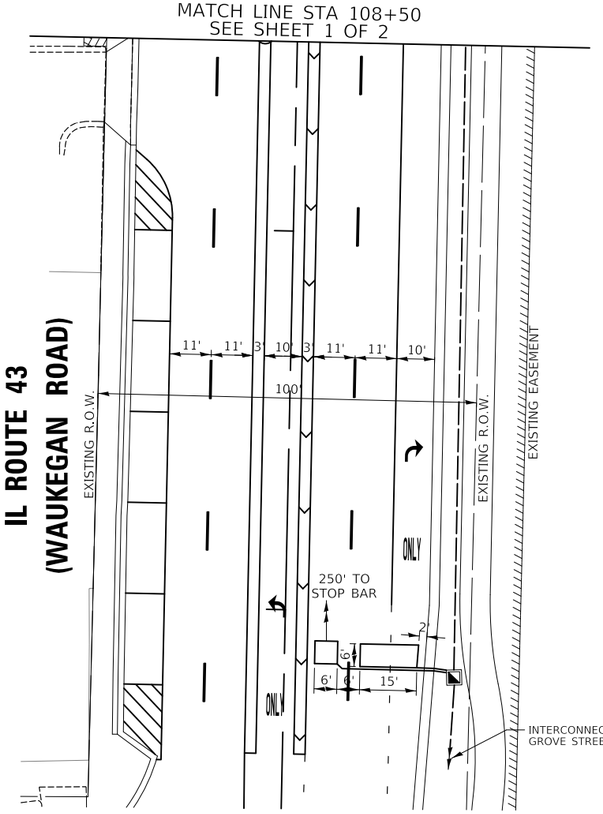
IL ROUTE 43
(WAUKEGAN ROAD)

MATCH LINE STA 112+00
SEE SHEET 1 OF 2



MATCH LINE STA 207+00
SEE SHEET 1 OF 2

MATCH LINE STA 108+50
SEE SHEET 1 OF 2



IL ROUTE 43
(WAUKEGAN ROAD)

TS 2300
ECON 165

N

PLAN
SURVEYED
PLOTTED
CHARGES CHECKED
R.O.W. AGREEMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHARGES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-T505_IL 43-East Lake PR Signal Plan - sht 02.dgn

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DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

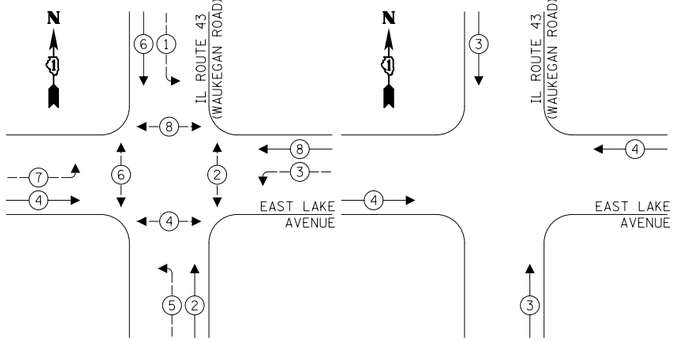
SCALE
0 20 40

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE

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

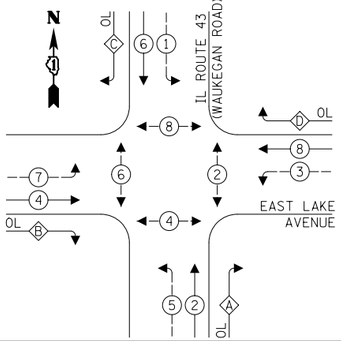
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	130
		CONTRACT NO. 61K82		
	ILLINOIS			

EXISTING CONTROLLER SEQUENCE



EXISTING & PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED CONTROLLER SEQUENCE



RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	4	+	5
C	=	6	+	7
D	=	8	+	1

LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 3 - SECTION	8	11	88.0
4 - SECTION	-	14	-
5 - SECTION	16	13	208.0
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL	8	15	120.0
CONTROLLER	1	150	150.0
MASTER CONTROLLER	1	100	100.0
UPS	1	25	25.0
DETECTION RADAR	-	20	-
VIDEO	-	-	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	1	15	15.0
TOTAL UPS SIZING =			702.0
UPS CHARGING	1	225	225.0
BATTERY HEATER MAT	1	180	180.0
CABINET HEATER	1	200	200.0
FLASHER	-	15	-
LED STREET NAME SIGN	4	120	480.0
LUMINAIRE	8	174	1392.0
TOTAL SERVICE WIRE SIZING =			3183.0

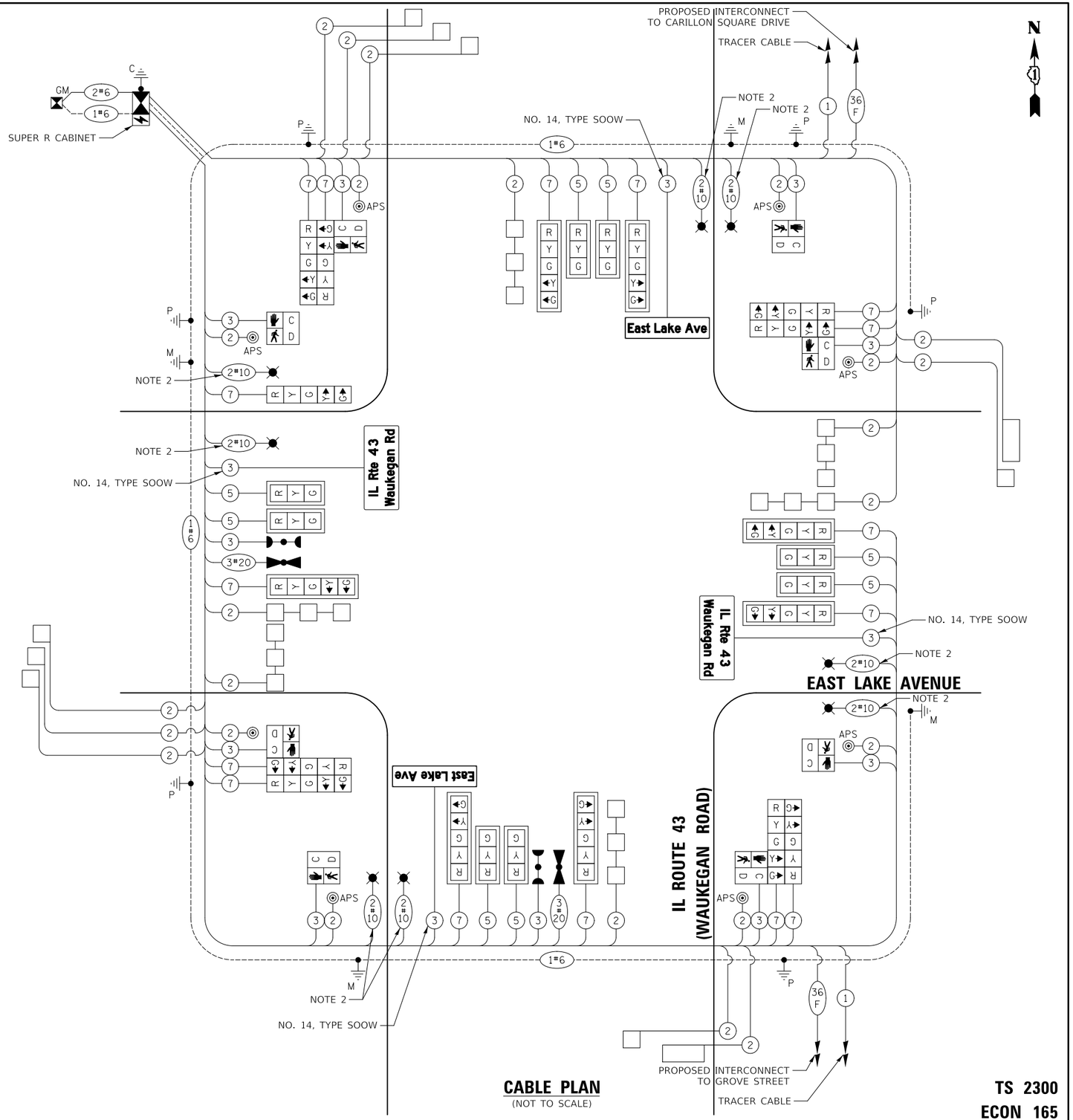
ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ
PHONE: (773) 799-6111
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 8274742222

NOTES:

1. ALL RED INDICATIONS SHALL HAVE A LENS COVER.
2. SEE LIGHTING PLANS FOR MORE DETAILS.



CABLE PLAN
(NOT TO SCALE)

TS 2300
ECON 165

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO(S)/PINS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAME5
FILE NAME: ...\3681-T506_IL 43-East Lake PR Cable Plan.dgn

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DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCES
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE

SHEET 1 OF 1 SHEETS STA. TO STA.

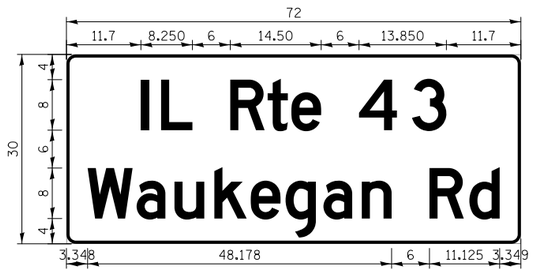
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	131
		CONTRACT NO. 61K82		
	ILLINOIS			

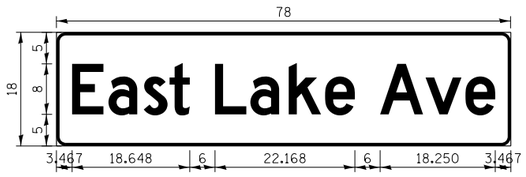
SIGNALS SCHEDULE OF QUANTITIES

	PAY ITEM	UNIT	QNTY.
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1394
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	50
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	889
	HANDHOLE	EACH	5
	HEAVY-DUTY HANDHOLE	EACH	4
	DOUBLE HANDHOLE	EACH	4
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1518
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1924
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1878
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3411
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5151
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	93
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1224
	CONCRETE FOUNDATION, TYPE A	FOOT	28
	CONCRETE FOUNDATION, TYPE C	FOOT	4
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	41
	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	9
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	15
	INDUCTIVE LOOP DETECTOR	EACH	16
	DETECTOR LOOP, TYPE I	FOOT	996
*	LIGHT DETECTOR	EACH	2
*	LIGHT DETECTOR AMPLIFIER	EACH	1
	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	REMOVE EXISTING HANDHOLE	EACH	11
	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	11
*	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	350
*	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
*	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	842
	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1
	TRAFFIC SIGNAL POST, 10 FOOT, (SPECIAL)	EACH	2
	TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	4
	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT. (SPECIAL)	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT. (SPECIAL)	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT. (SPECIAL)	EACH	1
	LED SIGNAL FACE, LENS COVER	EACH	24
	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT. (SPECIAL)	EACH	1

* 80% FEDERAL / 20% LOCAL (NO STATE PARTICIPATION)

LED INTERNALLY ILLUMINATED STREET NAME SIGN

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE

DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	15	LED SNS	ZZ	2 (TWO-SIDED)



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	LED SNS	ZZ	2 (TWO-SIDED)

TS 2300
ECON 165

PLAN — NOTE BOOK NO.____ — SURVEYED ____ PLOTTED ____ ALIGNMENT CHECKED ____ RT. OF WAY CHECKED ____ CADD FILE NAME ____ — BY — DATE

PROFILE — NOTE BOOK NO.____ — SURVEYED ____ PLOTTED ____ GRADES CHECKED ____ B.M. NOTED ____ STRUCTURE NOTATNS CHKD ____ — BY — DATE

MODEL: SMODELNAME5
FILE NAME: ...\3681-TS07A_IL 43-East Lake SNS & SOO.dgn

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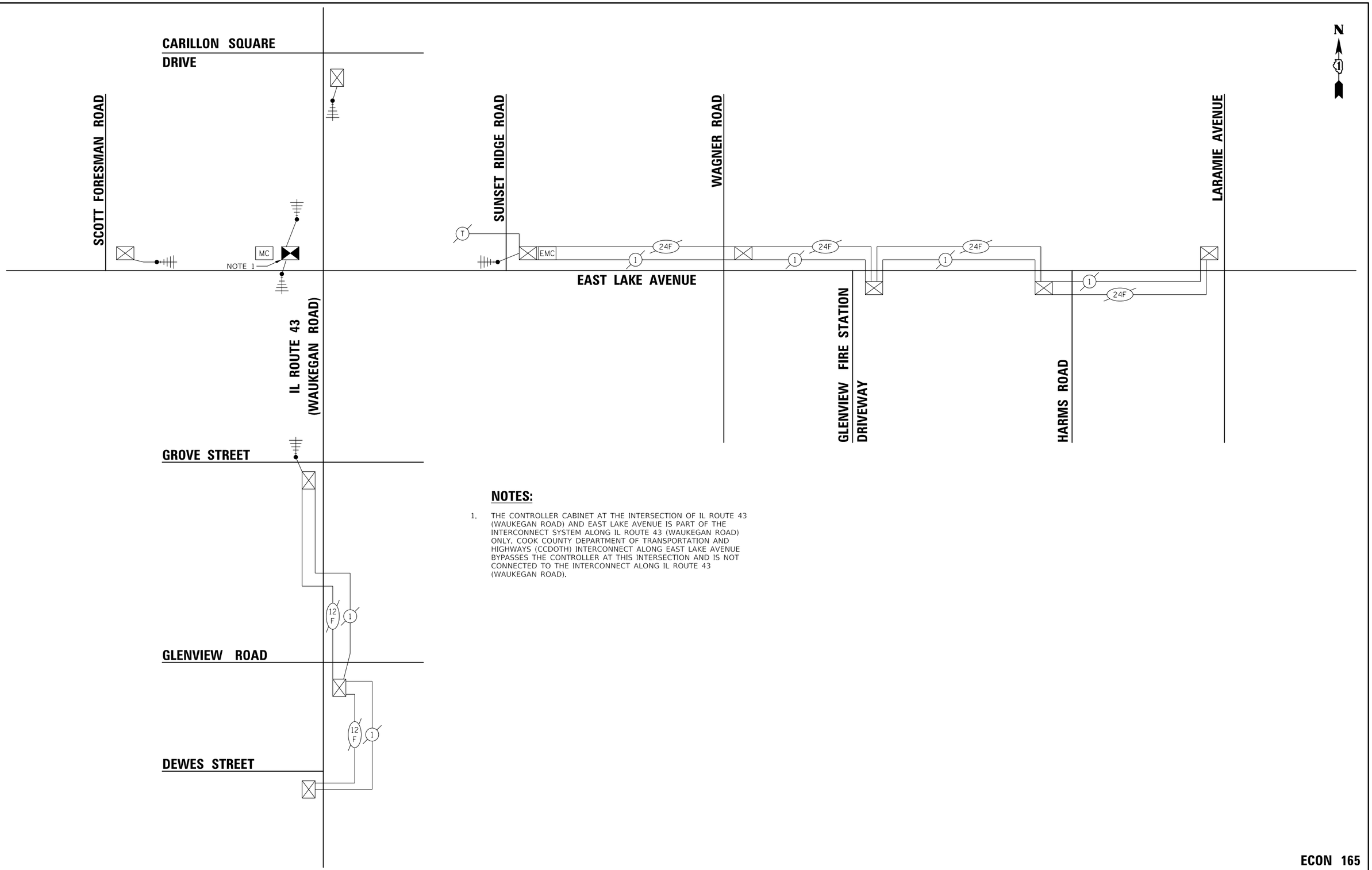
CHECKED - JJE		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES AND ILLUMINATED STREET NAME SIGNS
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE

SHEET 1 OF 1 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	132
		CONTRACT NO. 61K82		
	ILLINOIS			



NOTES:

1. THE CONTROLLER CABINET AT THE INTERSECTION OF IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE IS PART OF THE INTERCONNECT SYSTEM ALONG IL ROUTE 43 (WAUKEGAN ROAD) ONLY. COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS (CCDOTH) INTERCONNECT ALONG EAST LAKE AVENUE BYPASSES THE CONTROLLER AT THIS INTERSECTION AND IS NOT CONNECTED TO THE INTERCONNECT ALONG IL ROUTE 43 (WAUKEGAN ROAD).

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADE CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\3683-T508_IL 43-East Lake Temp Interconnect Schematic.dgn

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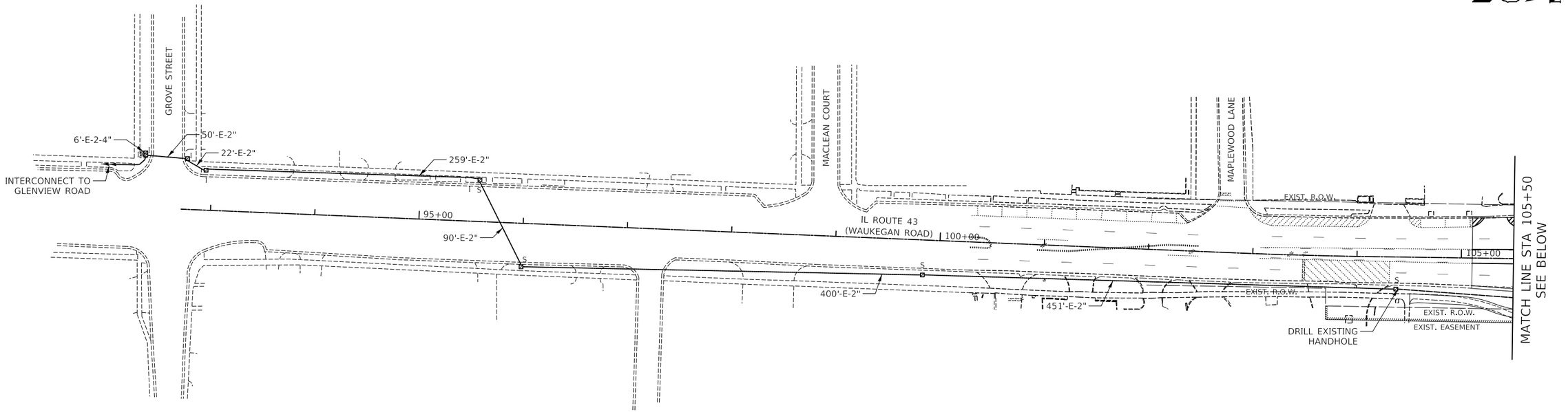
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

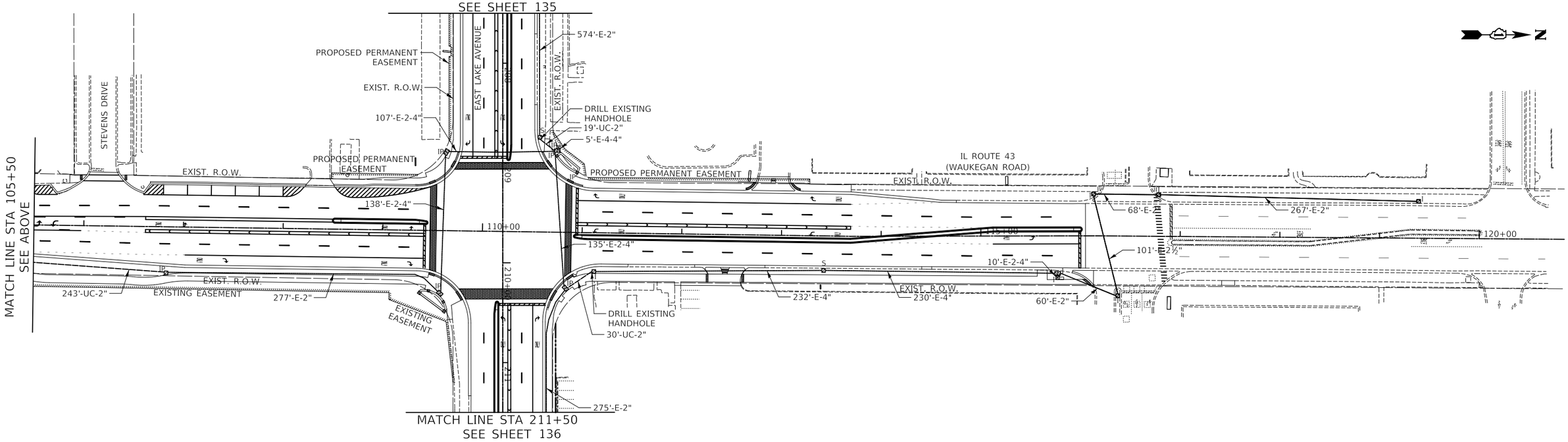
TEMPORARY INTERCONNECT SCHEMATIC
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE

SHEET 1 OF 1 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	133
		CONTRACT NO. 61K82		
		ILLINOIS		

ECON 165





PLAN

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		NOTE BOOK
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		E.M. NOTED
		STRUCTURE NOTATNS CHKD
		NOTE BOOK
		NO.

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FILE NAME: ...\3681-T509_IL 43-East Lake Interconnect Plan 01.dgn

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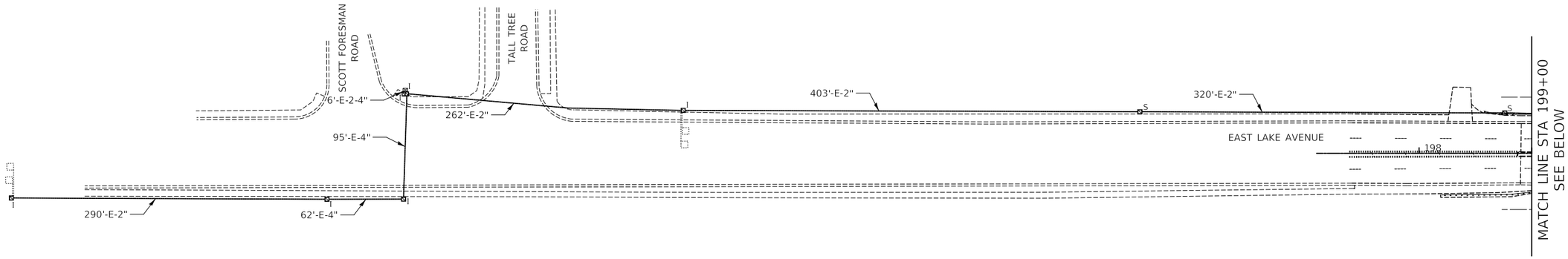
DEPARTMENT OF TRANSPORTATION

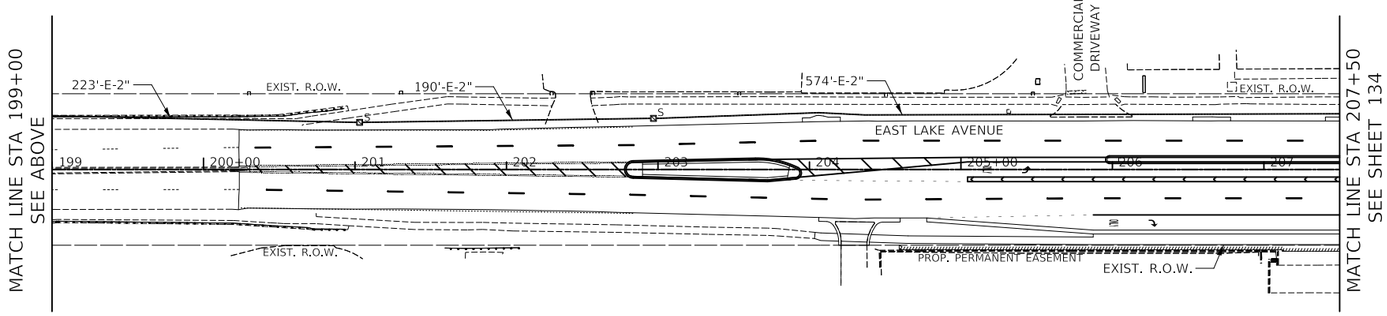
SCALE
0 50 100

INTERCONNECT PLAN
IL ROUTE 43 (WAUKEGAN ROAD) – GROVE STREET TO CARILLION SQUARE

SHEET 1 OF 3 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	134
		CONTRACT NO. 61K82		
		ILLINOIS		





CCDOTH SYSTEM

PLAN	BY	DATE
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ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK		
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PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK		
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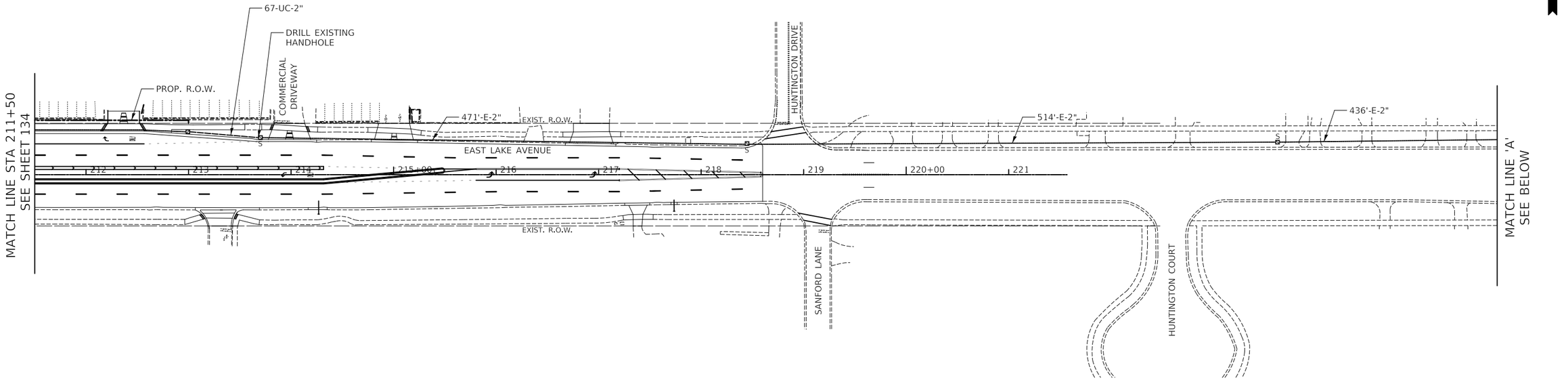
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

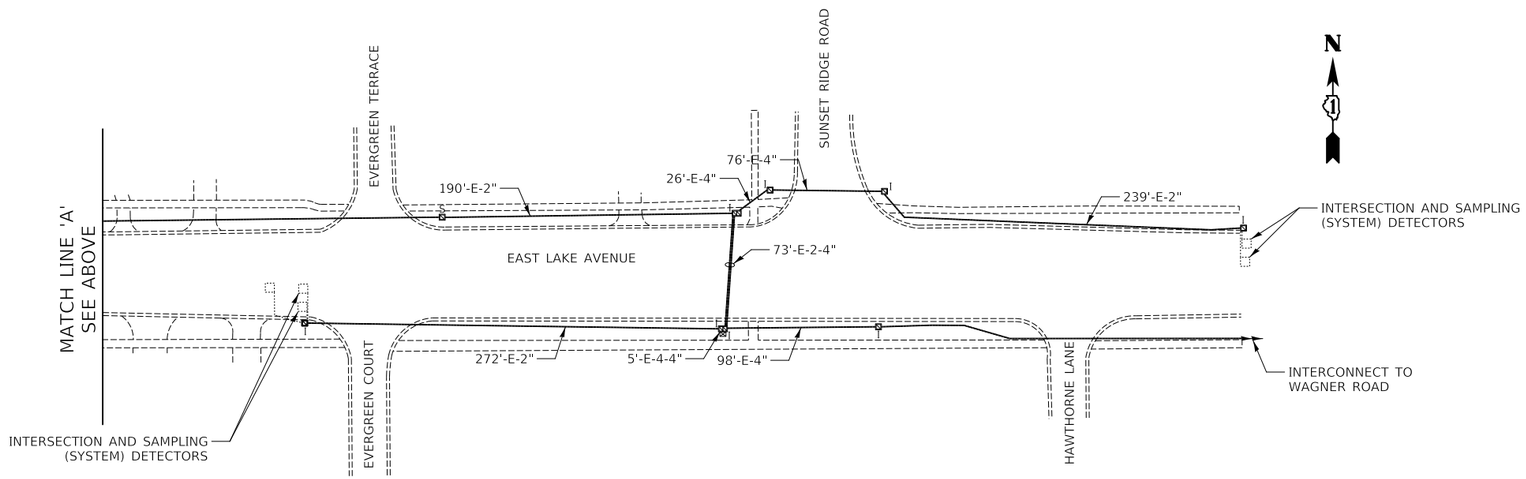
SCALE
0 50 100

INTERCONNECT PLAN
EAST LAKE AVENUE – SCOTT FORESMAN ROAD TO SUNSET RIDGE ROAD

SHEET 2 OF 3 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	135
		CONTRACT NO. 61K82		
	ILLINOIS			





CCDOTH SYSTEM

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PROFILE: SURVEYED, PLOTTED, GRADE CHECKED, S.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \MODELNAME\
FILE NAME: ...\3681-TS1_IL 43-East Lake Interconnect Plan 03.dgn

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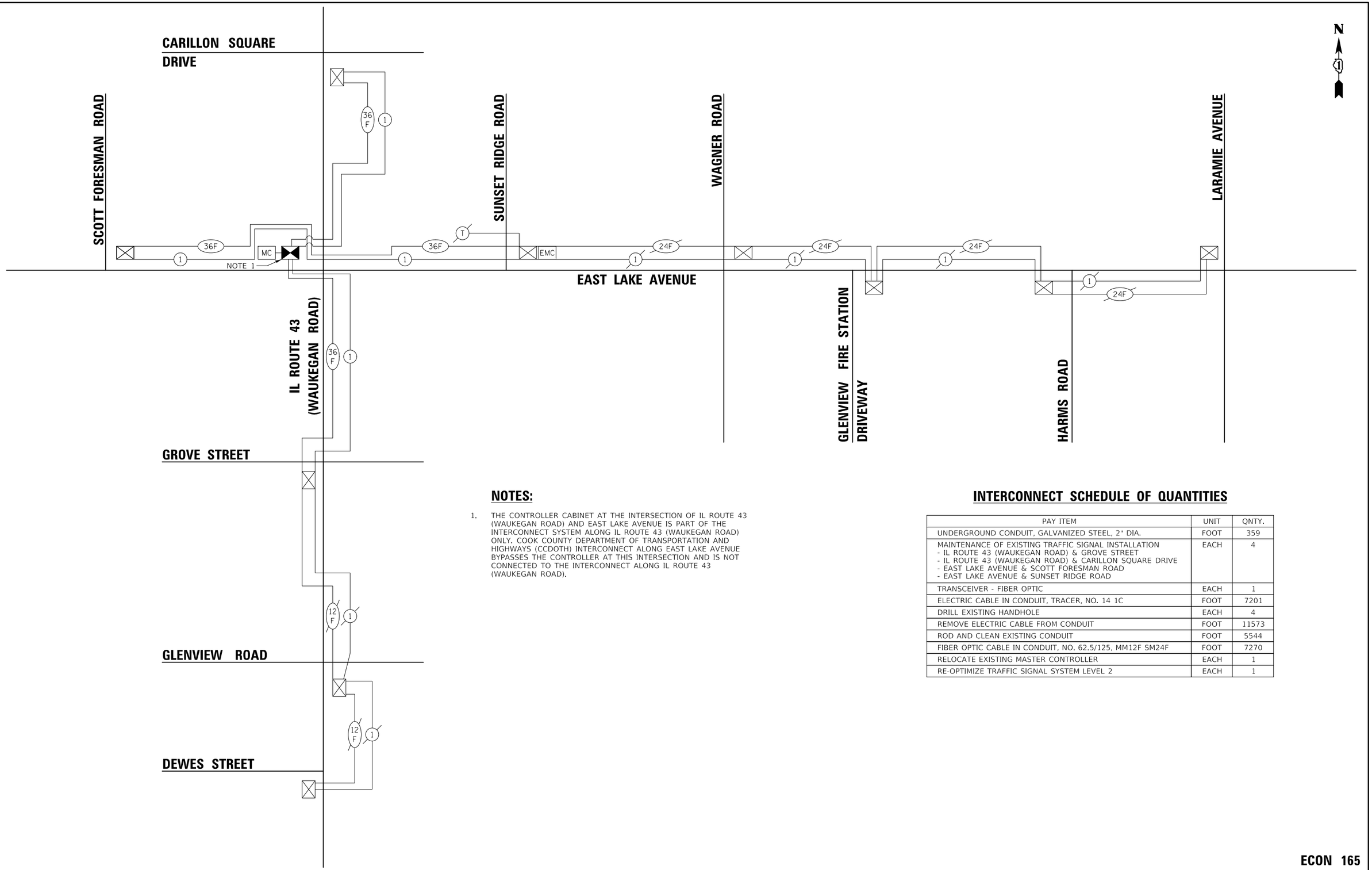
SCALE
0 50 100

INTERCONNECT PLAN
EAST LAKE AVENUE – SCOTT FORESMAN ROAD TO SUNSET RIDGE ROAD

SHEET 3 OF 3 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	136
		CONTRACT NO. 61K82		
		ILLINOIS		



NOTES:

1. THE CONTROLLER CABINET AT THE INTERSECTION OF IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE IS PART OF THE INTERCONNECT SYSTEM ALONG IL ROUTE 43 (WAUKEGAN ROAD) ONLY. COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS (CCDOTH) INTERCONNECT ALONG EAST LAKE AVENUE BYPASSES THE CONTROLLER AT THIS INTERSECTION AND IS NOT CONNECTED TO THE INTERCONNECT ALONG IL ROUTE 43 (WAUKEGAN ROAD).

INTERCONNECT SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QNTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	359
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION - IL ROUTE 43 (WAUKEGAN ROAD) & GROVE STREET - IL ROUTE 43 (WAUKEGAN ROAD) & CARILLON SQUARE DRIVE - EAST LAKE AVENUE & SCOTT FORESMAN ROAD - EAST LAKE AVENUE & SUNSET RIDGE ROAD	EACH	4
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7201
DRILL EXISTING HANDHOLE	EACH	4
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	11573
ROD AND CLEAN EXISTING CONDUIT	FOOT	5544
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	7270
RELOCATE EXISTING MASTER CONTROLLER	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC
IL ROUTE 43 (WAUKEGAN ROAD) AND EAST LAKE AVENUE

SHEET 1 OF 1 SHEETS STA. TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	137
		CONTRACT NO. 61K82		
	ILLINOIS			

ECON 165

LEGEND

EXISTING LIGHTING UNIT (OTHERS)

EXISTING VILLAGE LIGHTING UNIT

EXISTING LIGHTING UNIT TO BE REMOVED (BY OTHERS)

EXISTING VILLAGE LIGHTING UNIT TO BE REMOVED

PROPOSED UNIT DUCT
AS SPECIFIED IN PLANS

PROPOSED FLOOD LIGHTING UNIT CONDUIT AND CABLES
AS SPECIFIED IN PLANS

PROPOSED LIGHTING CONTROLLER
120/240 VOLT, 200 AMP

PROPOSED LIGHTING UNIT
LUMINAIRE, LED, SPECIAL - (ROADWAY)
145 WATT LED LUMINAIRE, 240V
LUMINAIRE (SPECIAL) - (PEDESTRIAN)
36 WATT (600mA) LED LUMINAIRE, 240V
LIGHT POLE (SPECIAL)
ALUMINUM, 35 FT. M.H., 6 FT. MAST ARM

PROPOSED COMBINATION LIGHTING UNIT
LUMINAIRE, LED ROADWAY, OUTPUT DESIGNATION G (120 V)
(MIN. 19,000 LUMENS) TYPE III DISTRIBUTION
40 FOOT MOUNTING HEIGHT, 15 FOOT MAST ARM
LUMINAIRE SAFETY CABLE ASSEMBLY
SEE TRAFFIC SIGNAL PLANS

UNDERGROUND CONDUIT, GALVANIZED STEEL
SIZE AS SPECIFIED IN PLANS

PROPOSED HANDHOLE

PROPOSED JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"

PROPOSED FLOOD LIGHTING UNIT

TEMPORARY LIGHTING UNIT
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (120 V)
60 FT. WOOD POLE (50 FT. MOUNTING HEIGHT), 15 FT. MAST ARM
(MIN. 27,000 LUMENS) TYPE III DISTRIBUTION

TEMPORARY LIGHTING UNIT T2
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G (120 V)
60 FT. WOOD POLE (50 FT. MOUNTING HEIGHT), 2 - 15 FT. MAST ARM
(MIN. 23,000 LUMENS) TYPE III DISTRIBUTION

TEMPORARY LIGHTING UNIT T2 ON SIGNAL POLE
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G (120 V)
50 FT. MOUNTING HEIGHT (ON TRAFFIC SIGNAL WOOD POLE), 2 - 15 FT. MAST ARM
SEE TRAFFIC SIGNAL PLANS
(MIN. 23,000 LUMENS) TYPE III DISTRIBUTION

AERIAL CABLES
AS SPECIFIED IN PLANS

TEMPORARY WOOD POLE, 50 FT., CLASS 4

TEMPORARY LIGHTING CONTROLLER
120/240 VOLT

LIGHTING GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

2. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, ANY WORK IS NOT REQUIRED, THAT ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

3. EXISTING LIGHTING WILL REMAIN OPERATIONAL UNTIL TEMPORARY LIGHTING IS INSTALLED AND OPERATIONAL. TEMPORARY LIGHTING WILL REMAIN OPERATIONAL UNTIL PROPOSED LIGHTING IS INSTALLED, AND OPERATIONAL. TRANSITION OF EXISTING TO TEMPORARY TO PROPOSED LIGHTING SYSTEM WILL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THAT SAME EVENING.

4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND LIGHTING CONTROLLERS FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER.

5. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS FOR ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATION HEIGHT AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.

7. FOUNDATION TYPE IS BASED ON KNOWN UTILITY INFORMATION. OFFSET FOUNDATION LOCATIONS WERE BASED ON ATLAS AND ABOVE GROUND STRUCTURES FOR LOCATION OF UTILITIES. WHERE POSSIBLE, OFFSET FOUNDATIONS SHOULD BE REPLACED WITH 24" DIAMETER FOUNDATIONS. FOUNDATION TYPE SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. CONTRACTOR WILL BE PAID FOR THE FOUNDATION TYPE INSTALLED WITH NO ADDITIONAL COMPENSATION FOR CHANGE FROM CONTRACT PLAN.

8. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.

9. FOR ALL CONCRETE FOUNDATIONS, A MINIMUM OF 2 SLEEVES SHALL BE PROVIDED REGARDLESS OF WHAT IS BEING INSTALLED. THE SLEEVES SHALL BE SEALED AND CAPPED TO PREVENT MOISTURE OR CONTAMINANTS. MATERIAL AND LABOR WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PAY ITEM FOR LIGHT POLE FOUNDATION.

10. TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALUMINUM POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.

11. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS, OTHER UTILITIES, AND LANDSCAPING.

12. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ANY LIGHT STANDARD IS ERECTED.

13. THE INSTALLATION OF BURIED WARNING TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER.

15. NO UNDERGROUND SPLICING ALLOWED.

16. ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.

17. OFFSET CALL-OFFS FOR TEMPORARY LIGHT POLES ARE FROM THE CENTER OF POLES TO EXISTING FACE OF CURB (FOC)
OFFSET CALL-OFFS FOR PROPOSED LIGHT POLES ARE FROM THE CENTER OF POLES TO PROPOSED FACE OF CURB (FOC)

BILL OF MATERIAL

ITEM	UNIT	TOTAL QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3/4" DIA.	FOOT	30
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	285
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	795
UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	245
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"	EACH	2
HANDHOLE	EACH	1
UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	428
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2095
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2/0	FOOT	630
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	3107
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	8
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	1
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	280
BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT OVER STAINLESS STEEL SCREEN	EACH	30
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	20
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4
REMOVAL OF POLE FOUNDATION	EACH	4
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2331
REMOVE EXISTING HANDHOLE	EACH	3
LUMINAIRE (SPECIAL)	EACH	30
LUMINAIRE, LED, SPECIAL	EACH	30
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18
TEMPORARY ELECTRIC SERVICE INSTALLATION	EACH	1
FLOOD LIGHTING UNIT	EACH	3
LUMINAIRE SHIELD	EACH	2
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	12
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	17
TEMPORARY LIGHTING CONTROLLER	EACH	1
COMBINATION LIGHTING CONTROLLER	EACH	1
LIGHT POLE (SPECIAL)	EACH	30
TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	3
TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15 FT. MAST ARM	EACH	19
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	72
TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	10
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	8
UNIT DUCT, 600V, 2-1C NO.6, 3-1C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	6032

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FILE NAME: ...\3683-sht-Lighting 00.dgn

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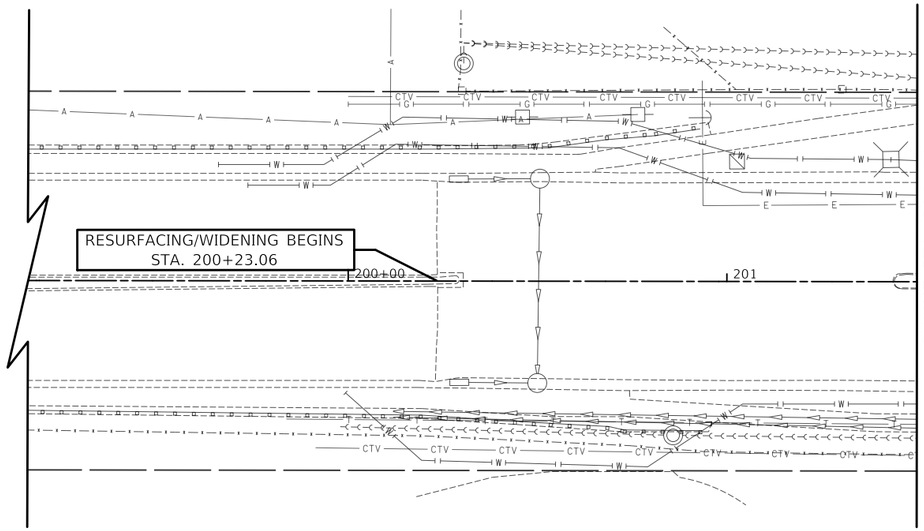
DEPARTMENT OF TRANSPORTATION

LIGHTING LEGEND, GENERAL NOTES, AND BILL OF MATERIAL

N.T.S | SHEET 1 OF 1 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	138
		CONTRACT NO. 61K82		
	ILLINOIS			



NOTES

1. AERIAL CABLES SHALL BE INSTALLED ON THE WOOD POLE TO AVOID CONFLICT WITH THE PROPOSED LIGHT POLE INSTALLATION.
2. MINIMUM CLEARANCE FOR AERIAL CABLE IS AT LEAST 18 FEET ABOVE FINISHED GRADE CONFORMING TO NEC 225.18.4.

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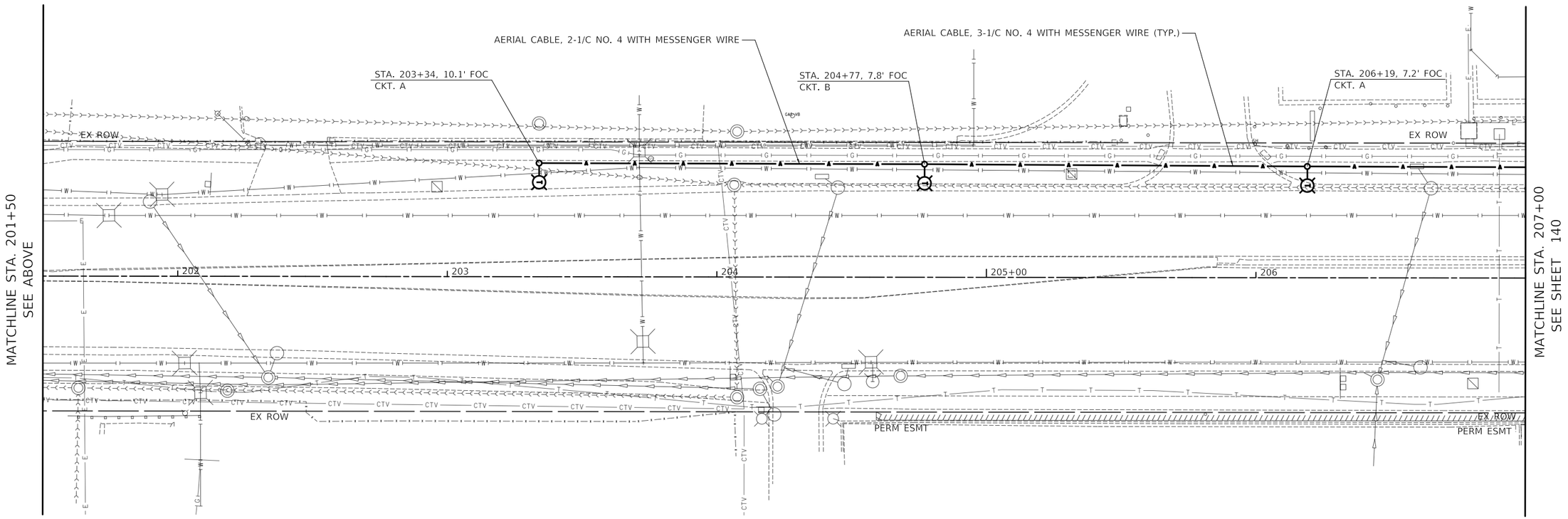

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PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO/TA/WS CP/KD, NOTE BOOK, NO., BY, DATE

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DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

TEMPORARY LIGHTING AND REMOVAL PLAN

SHEET 1 OF 7 SHEETS STA. 200+23.06 TO STA. 207+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	139
		CONTRACT NO. 61K82		
	ILLINOIS			

NOTES

1. AERIAL CABLES SHALL BE INSTALLED ON THE WOOD POLE TO AVOID CONFLICT WITH THE PROPOSED LIGHT POLE INSTALLATION.
2. MINIMUM CLEARANCE FOR AERIAL CABLE IS AT LEAST 18 FEET ABOVE FINISHED GRADE CONFORMING TO NEC 225.18.4.
3. TEMPORARY LIGHTING ON TRAFFIC SIGNAL WOOD POLES ARE WIRED TO AND POWERED FROM THE TEMPORARY LIGHTING CONTROLLER. SEE TRAFFIC SIGNAL PLANS ON SHEET 116 FOR LOCATION OF TEMPORARY TRAFFIC SIGNAL POLES.

N

PROPOSED UTILITY SERVICE CONNECTION 120/240 VOLT, 1 PHASE, 3 WIRES TO BE COORDINATED WITH COMED

STA. 207+54, 6.9' FOC CKT. B

AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE (TYP.)

COMBINATION TRAFFIC SIGNAL AND LIGHT POLE CKT. A (SOUTH) CKT. B (WEST)

2-AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE

TEMPORARY WOOD POLE, 50 FT., CLASS 4 (TYP.)

TEMPORARY LIGHTING CONTROLLER

MATCHLINE STA. 111+25
SEE SHEET 144

2-AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE

AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE (TYP.)

SPLICE CKTS. C AND D

2-AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE

EXISTING LIGHTING UNIT TO BE REMOVED BY OTHERS (TYP.)

AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE (TYP.)

COMBINATION TRAFFIC SIGNAL AND LIGHT POLE CKT. A (WEST) CKT. B (SOUTH)

STA. 211+93, 17.9' FOC CKT. A

TEMP ESMT

PR ROW

EX ROW

TEMP ESMT

PERM ESMT

EX ROW

SPLICE CKTS. A AND B

MATCHLINE STA. 207+00
SEE SHEET 139

MATCHLINE STA. 212+50
SEE SHEET 141

207 208 209 210+00 211 212

110+00

EX ROW

PERM ESMT

PERM ESMT

EX ESMT

AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE (TYP.)

EX ROW

COMBINATION TRAFFIC SIGNAL AND LIGHT POLE CKT. C (NORTH) CKT. D (EAST)

TEMP ESMT

REMOVAL OF LIGHTING UNIT, SALVAGE; REMOVAL OF POLE FOUNDATION

REMOVE ELECTRIC CABLE FROM CONDUIT (TYP.)

AERIAL CABLE, 2-1/C NO. 4 WITH MESSENGER WIRE

MATCHLINE STA. 109+25
SEE SHEET 143

EX ESMT

COMBINATION TRAFFIC SIGNAL AND LIGHT POLE CKT. C (WEST) CKT. D (NORTH)

SPLICE CKTS. C AND D

E LAKE AVENUE

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CHECKED - DNM	REVISED -	
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

TEMPORARY LIGHTING AND REMOVAL PLAN

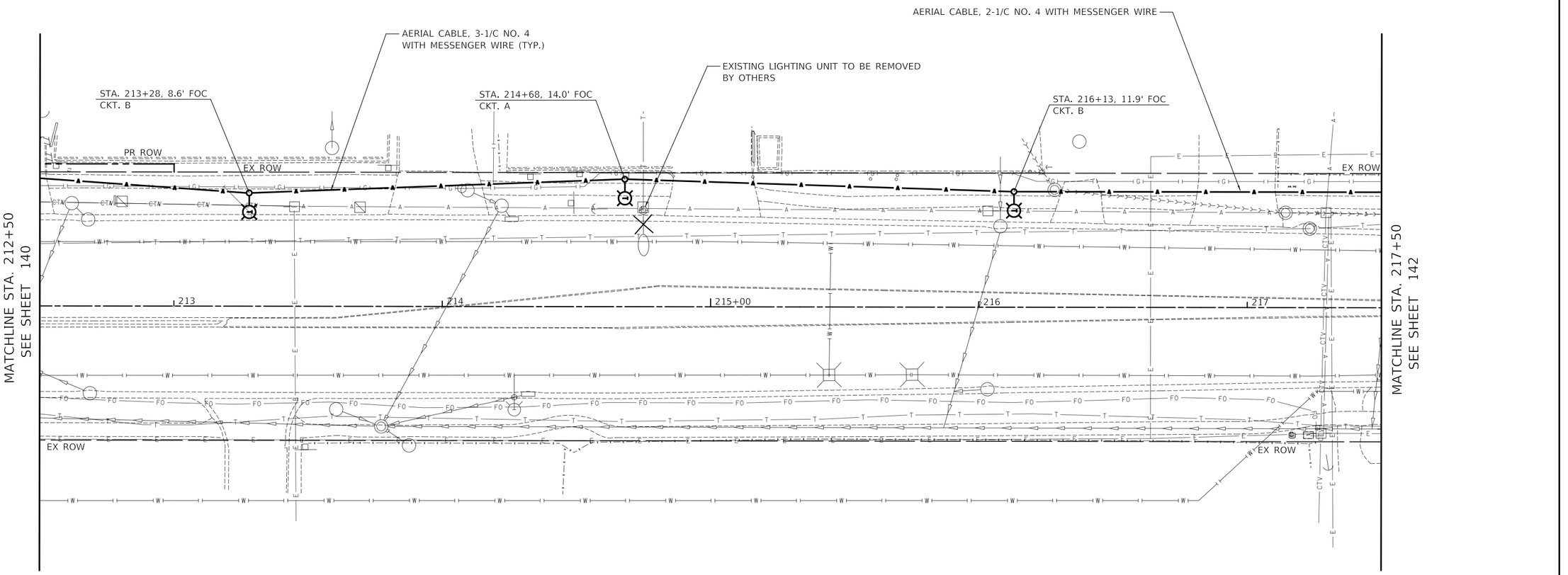
SHEET 2 OF 7 SHEETS STA. 207+00.00 TO STA. 212+50.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	140
		CONTRACT NO. 61K82		
		ILLINOIS		

NOTES

1. AERIAL CABLES SHALL BE INSTALLED ON THE WOOD POLE TO AVOID CONFLICT WITH THE PROPOSED LIGHT POLE INSTALLATION.
2. MINIMUM CLEARANCE FOR AERIAL CABLE IS AT LEAST 18 FEET ABOVE FINISHED GRADE CONFORMING TO NEC 225.18.4.

N



E LAKE AVENUE

PLAN — SURVEYED — PLOTTED — CROSS CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — CROSS CHECKED — B.M. NOTED — STRUCTURE NO/TATN'S CHKD — NOTE BOOK — NO. — BY — DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-Lighting 01-06.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

TEMPORARY LIGHTING AND REMOVAL PLAN

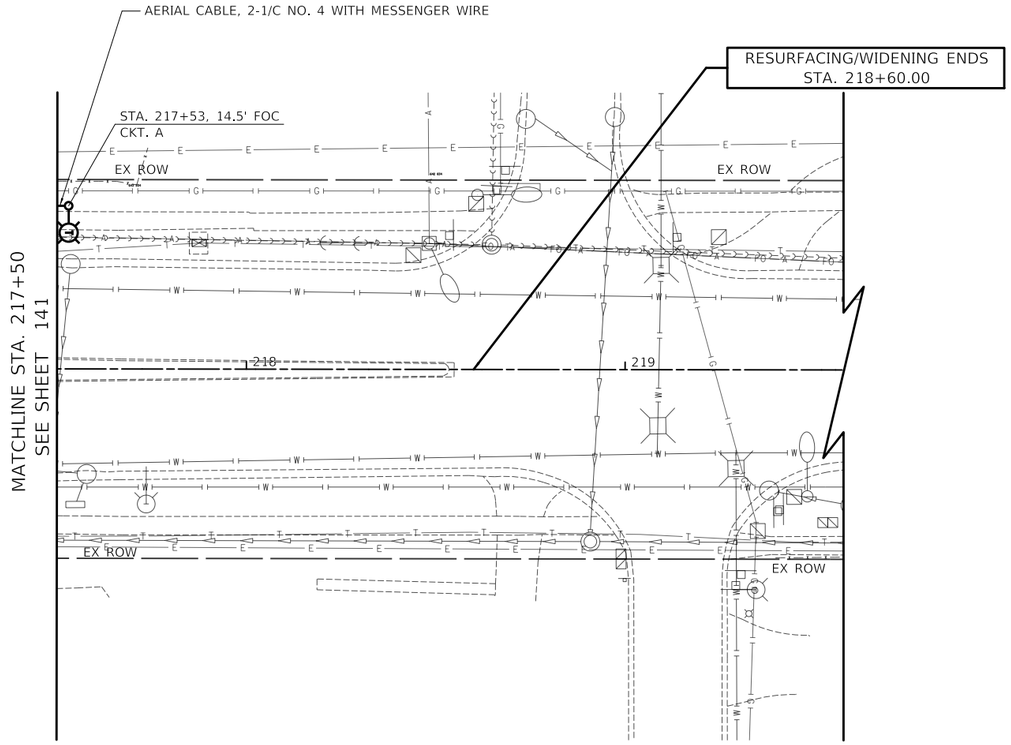
SHEET 3 OF 7 SHEETS STA. 212+50.00 TO STA. 217+50.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	141
		CONTRACT NO. 61K82		
	ILLINOIS			

NOTES

1. AERIAL CABLES SHALL BE INSTALLED ON THE WOOD POLE TO AVOID CONFLICT WITH THE PROPOSED LIGHT POLE INSTALLATION.
2. MINIMUM CLEARANCE FOR AERIAL CABLE IS AT LEAST 18 FEET ABOVE FINISHED GRADE CONFORMING TO NEC 225.18.4.

N



E LAKE AVENUE

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NOTE BOOK
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BY
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PROFILE
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GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
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DEPARTMENT OF TRANSPORTATION

SCALE
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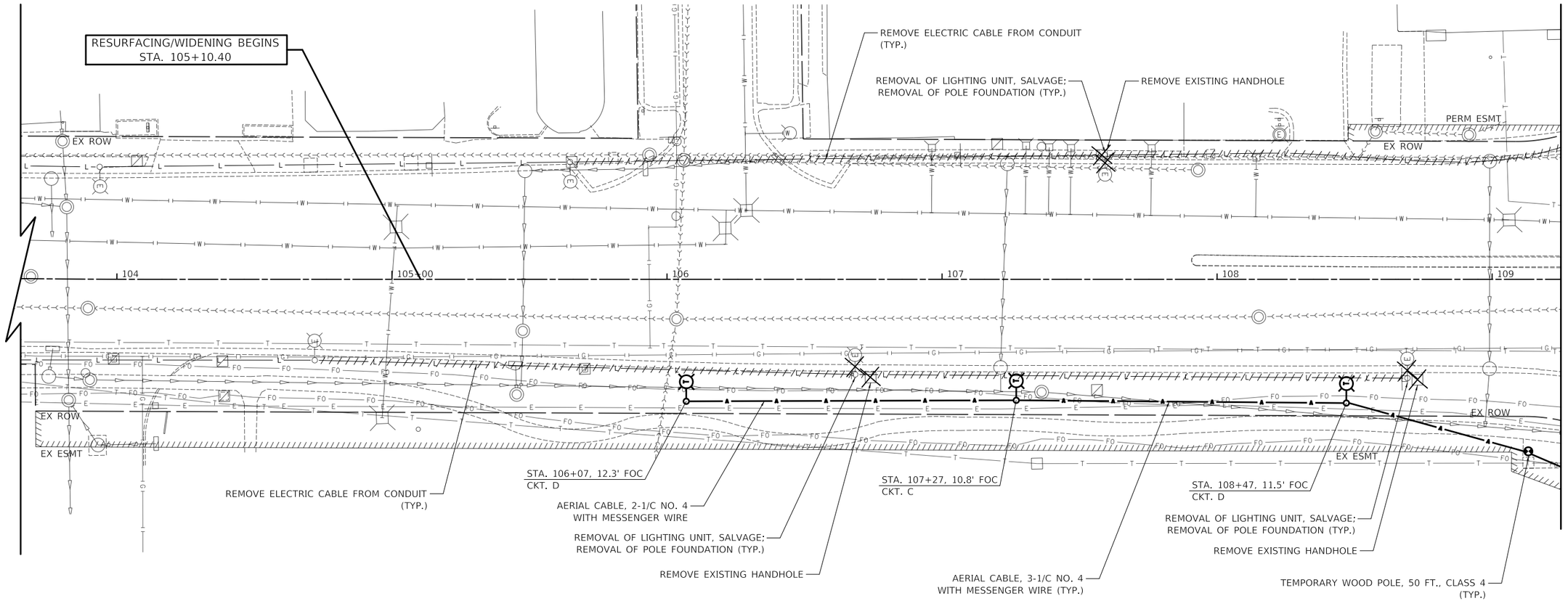
TEMPORARY LIGHTING AND REMOVAL PLAN

SHEET 4 OF 7 SHEETS STA. 217+50.00 TO STA. 218+60.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	142
		CONTRACT NO. 61K82		
	ILLINOIS			

NOTES

1. AERIAL CABLES SHALL BE INSTALLED ON THE WOOD POLE TO AVOID CONFLICT WITH THE PROPOSED LIGHT POLE INSTALLATION.
2. MINIMUM CLEARANCE FOR AERIAL CABLE IS AT LEAST 18 FEET ABOVE FINISHED GRADE CONFORMING TO NEC 225.18.4.



WAUKEGAN ROAD

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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FILE NAME: ...\3681-sht-Lighting 01-06.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
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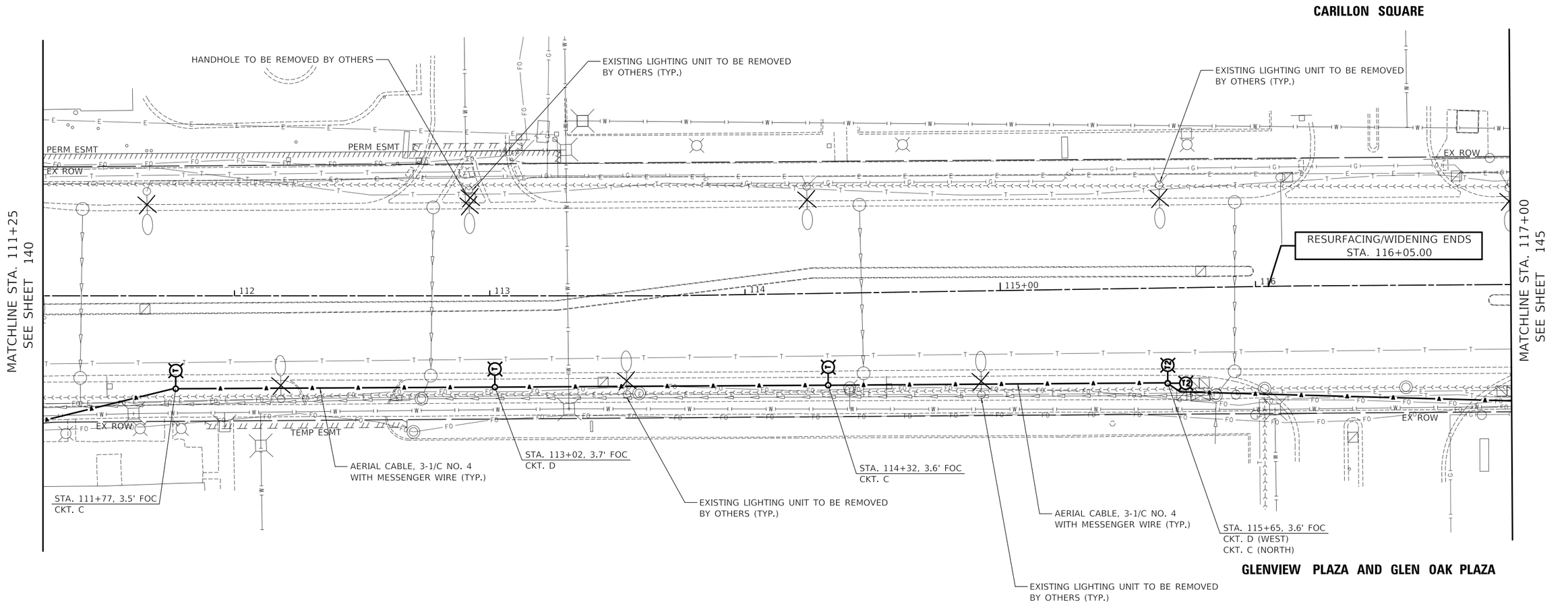
TEMPORARY LIGHTING AND REMOVAL PLAN

SHEET 5 OF 7 SHEETS STA. 105+10.42 TO STA. 109+25.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	143
		CONTRACT NO. 61K82		
	ILLINOIS			

NOTES

1. AERIAL CABLES SHALL BE INSTALLED ON THE WOOD POLE TO AVOID CONFLICT WITH THE PROPOSED LIGHT POLE INSTALLATION.
2. MINIMUM CLEARANCE FOR AERIAL CABLE IS AT LEAST 18 FEET ABOVE FINISHED GRADE CONFORMING TO NEC 225.18.4.



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FILE NAME: ...\3683-sht-Lighting 01-06.dgn

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DEPARTMENT OF TRANSPORTATION

SCALE
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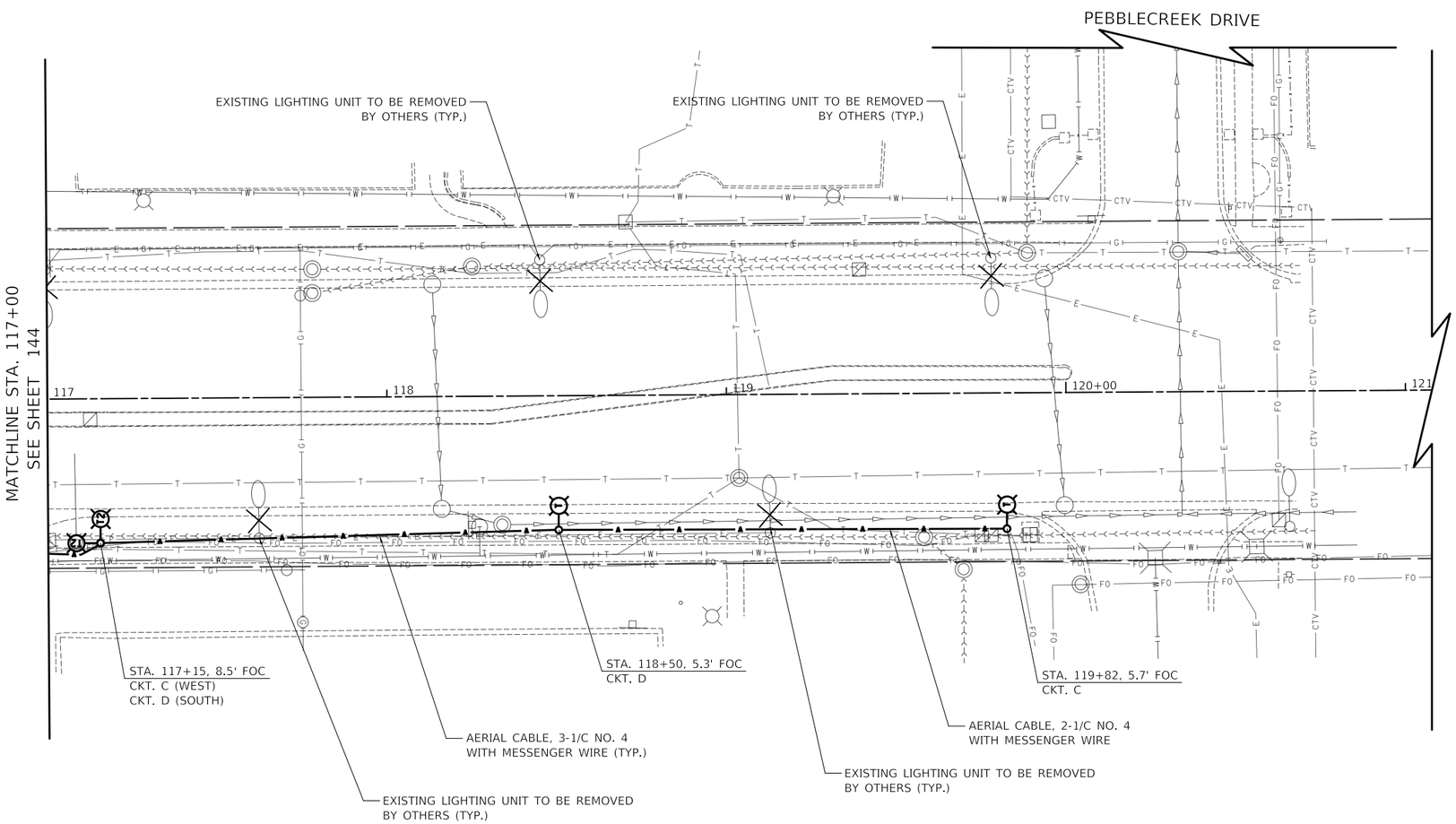
TEMPORARY LIGHTING AND REMOVAL PLAN

SHEET 6 OF 7 SHEETS | STA. 111+25.00 TO STA. 117+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	144
		CONTRACT NO. 61K82		
	ILLINOIS			

NOTES

1. AERIAL CABLES SHALL BE INSTALLED ON THE WOOD POLE TO AVOID CONFLICT WITH THE PROPOSED LIGHT POLE INSTALLATION.
2. MINIMUM CLEARANCE FOR AERIAL CABLE IS AT LEAST 18 FEET ABOVE FINISHED GRADE CONFORMING TO NEC 225.18.4.



WAUKEGAN ROAD

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PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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DEPARTMENT OF TRANSPORTATION

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0 20 40

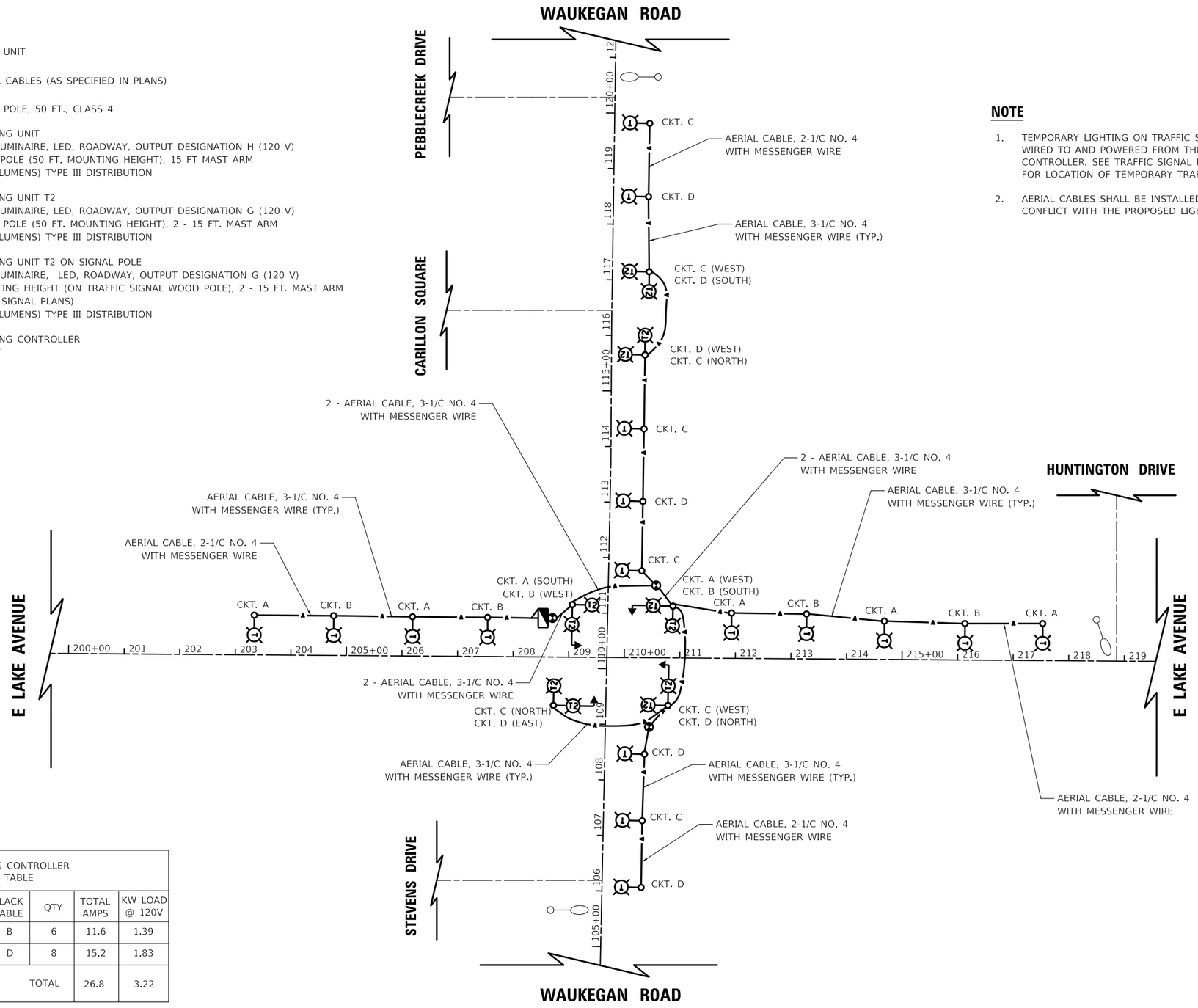
TEMPORARY LIGHTING AND REMOVAL PLAN

SHEET 7 OF 7 SHEETS STA. 117+00.00 TO STA. 120+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	145
		CONTRACT NO. 61K82		
	ILLINOIS			

LEGEND

- EXISTING LIGHTING UNIT
- TEMPORARY AERIAL CABLES (AS SPECIFIED IN PLANS)
- TEMPORARY WOOD POLE, 50 FT., CLASS 4
- TEMPORARY LIGHTING UNIT
  TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (120 V)
  60 FT WOOD POLE (50 FT. MOUNTING HEIGHT), 15 FT MAST ARM
  (MIN. 27,000 LUMENS) TYPE III DISTRIBUTION
- TEMPORARY LIGHTING UNIT T2
  TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G (120 V)
  60 FT. WOOD POLE (50 FT. MOUNTING HEIGHT), 2 - 15 FT. MAST ARM
  (MIN. 23,000 LUMENS) TYPE III DISTRIBUTION
- TEMPORARY LIGHTING UNIT T2 ON SIGNAL POLE
  TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G (120 V)
  50 FT. MOUNTING HEIGHT (ON TRAFFIC SIGNAL WOOD POLE), 2 - 15 FT. MAST ARM
  (SEE TRAFFIC SIGNAL PLANS)
  (MIN. 23,000 LUMENS) TYPE III DISTRIBUTION
- TEMPORARY LIGHTING CONTROLLER
  120/240 VOLT



NOTE

1. TEMPORARY LIGHTING ON TRAFFIC SIGNAL WOOD POLES ARE WIRED TO AND POWERED FROM THE TEMPOARY LIGHTING CONTROLLER. SEE TRAFFIC SIGNAL PLANS ON SHEET116 FOR LOCATION OF TEMPORARY TRAFFIC SIGNAL POLES.
2. AERIAL CABLES SHALL BE INSTALLED ON THE WOOD POLE TO AVOID CONFLICT WITH THE PROPOSED LIGHT POLE INSTALLATION.

TEMPORARY LIGHTING CONTROLLER
CIRCUIT LOAD TABLE

RED CABLE	QTY	TOTAL AMPS	KW LOAD @ 120V	BLACK CABLE	QTY	TOTAL AMPS	KW LOAD @ 120V
A	7	13.6	1.63	B	6	11.6	1.39
C	8	15.2	1.83	D	8	15.2	1.83
TOTAL		28.8	3.46	TOTAL		26.8	3.22

TEMPORARY LUMINAIRE 237 WATT LED (120V) = 2.0 AMP
TEMPORARY LUMINIARE T2 214 WATT LED (120V) = 1.8 AMP

PLAN — SURVEYED, PLOTTED, DRAWN, CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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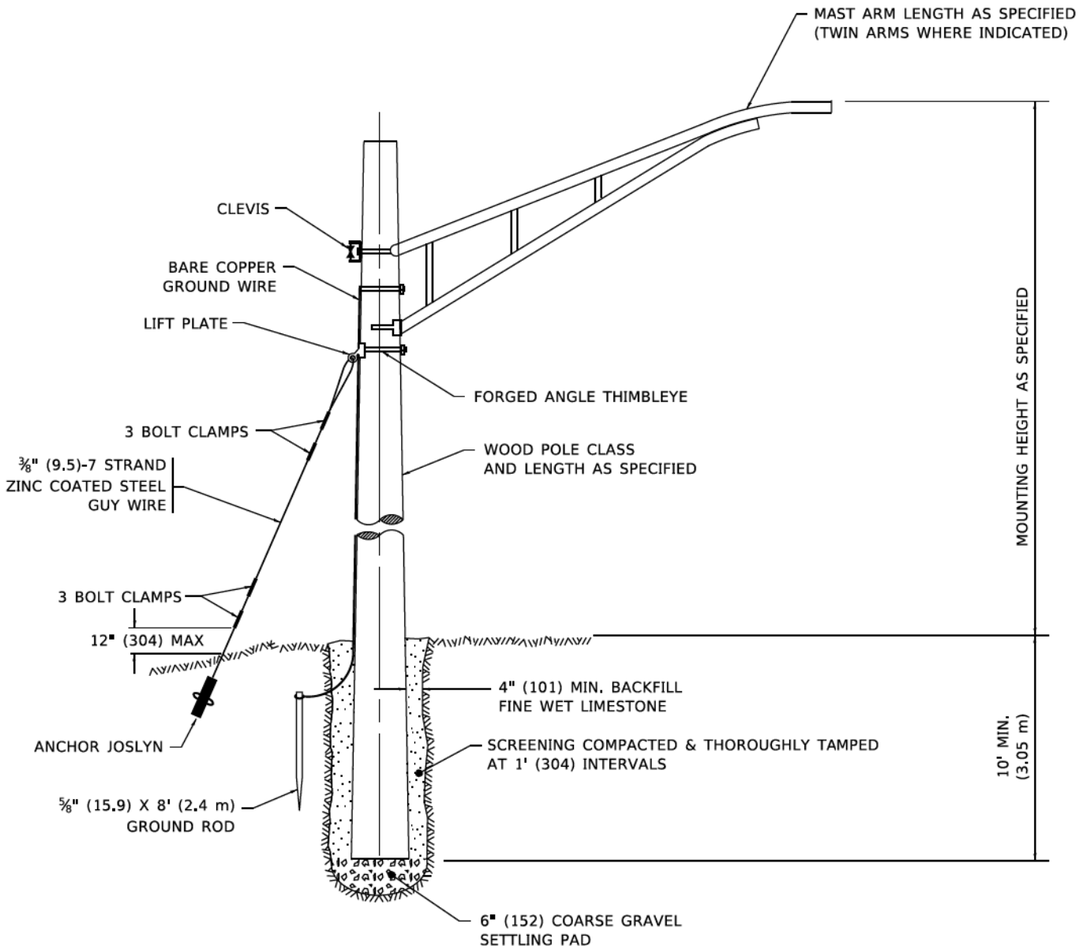
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

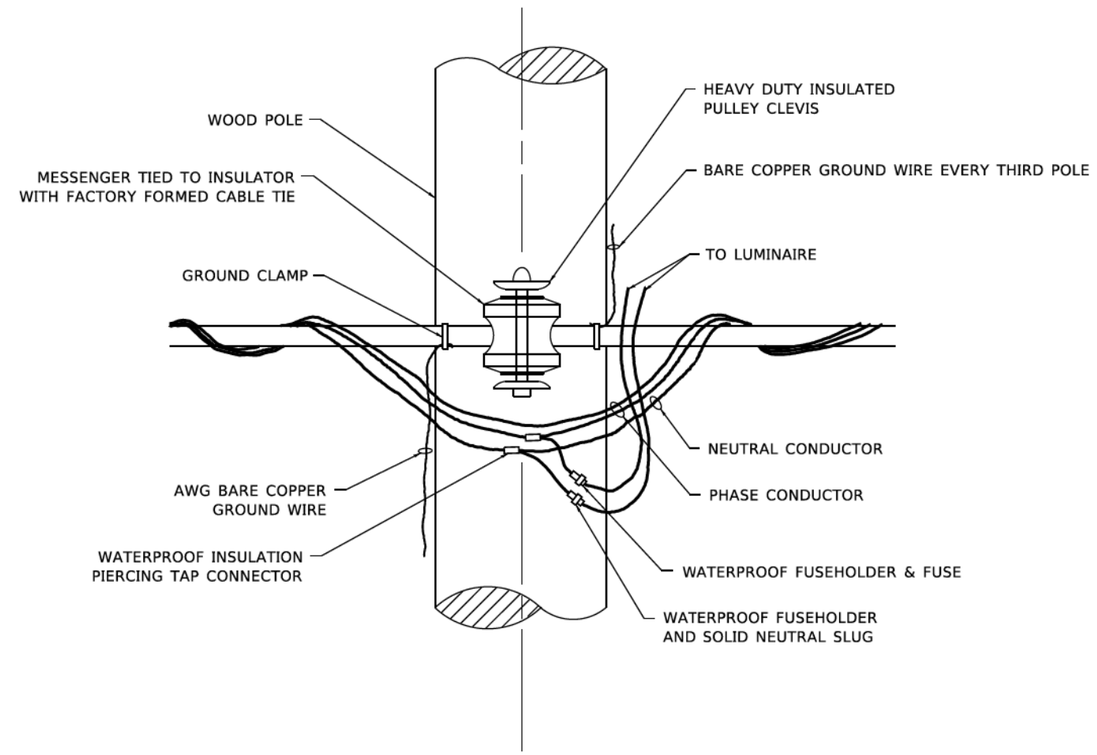
TEMPORARY WIRING DIAGRAM

N.T.S | SHEET 1 OF 1 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	146
		CONTRACT NO. 61K82		
	ILLINOIS			



TEMPORARY LIGHT POLE DETAIL



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

NOTE:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. MAST ARM SHALL BE RATED FOR THE SPECIFIED MOUNTING HEIGHT.

MODEL: Default
FILE NAME: pw:\\oldplanroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\Desktop\Projects\Desktop\22x34in\CADData\CADSheets\be800.dgn

USER NAME = footem]	DESIGNED -	REVISED - 08-08-03	
	DRAWN -	REVISED - R.T. 07-26-16	
PLOT SCALE = 50.0010 ' / In.	CHECKED -	REVISED -	
PLOT DATE = 4/19/2019	DATE -	REVISED -	

STATE OF ILLINOIS
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TEMPORARY LIGHT POLE DETAILS

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

F.A.P./F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	147
	BE-800	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			

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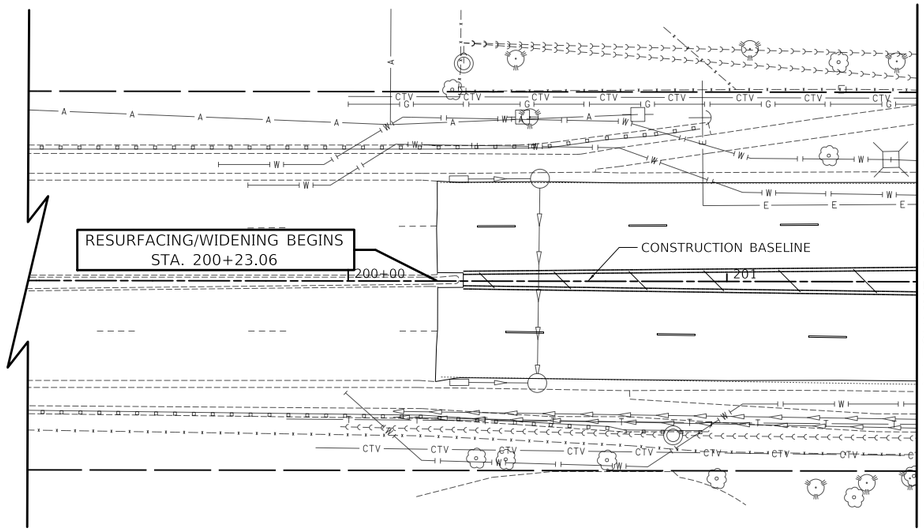

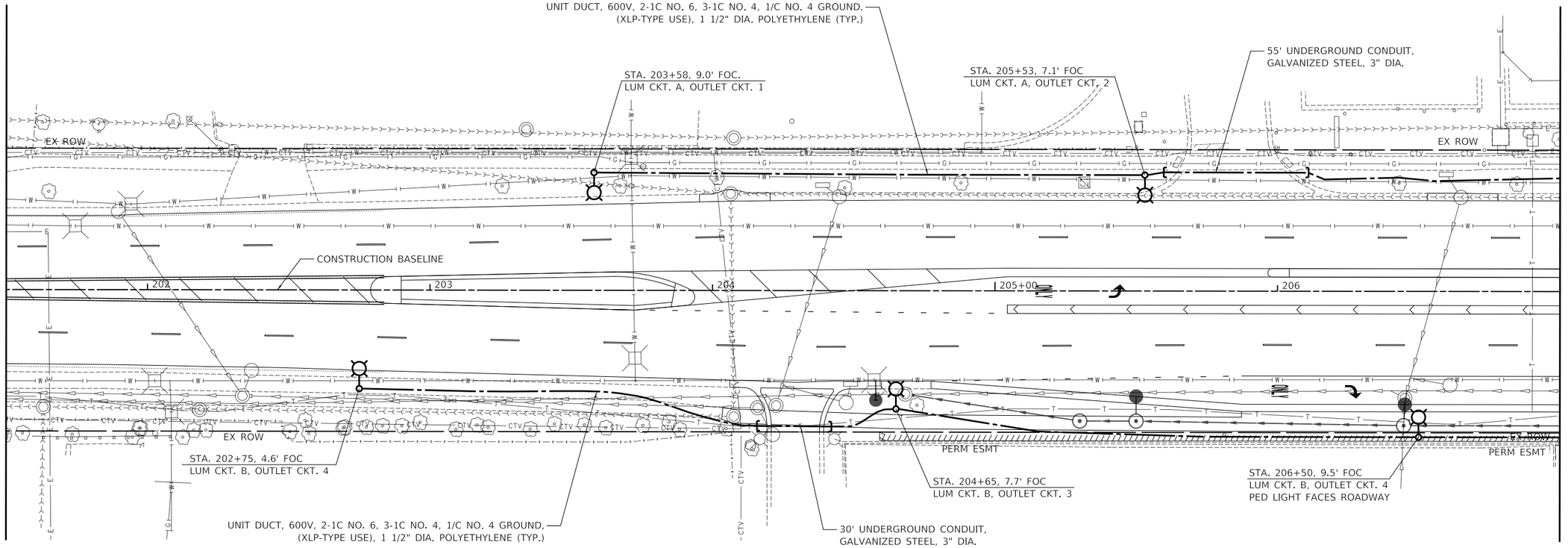

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DEPARTMENT OF TRANSPORTATION

SCALE
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LIGHTING PLAN

SHEET 1 OF 7 SHEETS STA. 200+23.06 TO STA. 207+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	148
		CONTRACT NO. 61K82		
	ILLINOIS			

NOTE

1. PROPOSED LIGHTING ON COMBINATION TRAFFIC SIGNAL POLES ARE WIRED TO AND POWERED FROM THE PROPOSED LIGHTING CONTROLLER ATTACHED TO TRAFFIC SIGNAL CABINET. PROPOSED LIGHTING ON COMBINATION TRAFFIC SIGNAL POLES SHALL BE LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G WITH LUMINAIRE SAFETY CABLE ASSEMBLY. SEE TRAFFIC SIGNAL PLANS ON SHEETS 115,129, AND 131.

N

85' UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.

UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE

PROPOSED LIGHTING CONTROLLER BASE MOUNTED, 240VOLT, 200AMP

COMBINATION TRAFFIC SIGNAL AND LIGHT POLE SEE NOTE 1

UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.; ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2

COMBINATION LIGHTING CONTROLLER

UNIT DUCT, 600V, 2-1C NO. 6, 3-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE (TYP.)

JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"

PROPOSED UTILITY SERVICE CONNECTION 120/240 VOLT, 1 PHASE, 3 WIRES TO BE COORDINATED WITH COMED

MATCHLINE STA. 111+25
SEE SHEET 153

STA. 207+38, 6.8' FOC
LUM CKT. A, OUTLET CKT. 1

SPLICE CKTS. A, 1, 2

UNIT DUCT, 600V, 2-1C NO. 6, 3-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE (TYP.)

40' UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.

COMBINATION TRAFFIC SIGNAL AND LIGHT POLE SEE NOTE 1

SPLICE CKTS. C, 5, 6

170' UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.

STA. 211+14, 9.0' FOC
LUM CKT. C, OUTLET CKT. 5
PED LIGHT FACES ROADWAY

TEMP ESMT PR ROW

TEMP ESMT PR ROW

EX ROW

MATCHLINE STA. 207+00
SEE SHEET 148

MATCHLINE STA. 212+50
SEE SHEET 150

CONSTRUCTION BASELINE

207 208 209 210+00 211 212

EX ROW

PERM ESMT

PERM ESMT

SPLICE CKTS. B, 3, 4

UNIT DUCT, 600V, 2-1C NO. 6, 3-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE (TYP.)

UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE

TEMP ESMT

SEE LANDSCAPING PLANS CKT. E

EX ESMT

EX ROW

UNIT DUCT, 600V, 2-1C NO. 6, 3-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE (TYP.)

UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE

STA. 212+04, 3.5' FOC
LUM CKT. D, OUTLET CKT. 7
OFFSET FDN

85' UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.; UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE

PROPOSED HANDHOLE

STA. 208+30, 8.0' FOC
LUM CKT. B, OUTLET CKT. 3
PED LIGHT FACES ROADWAY

160' UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.

COMBINATION TRAFFIC SIGNAL AND LIGHT POLE SEE NOTE 1

MATCHLINE STA. 109+25
SEE SHEET 152

COMBINATION TRAFFIC SIGNAL AND LIGHT POLE SEE NOTE 1

JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"

10' UNDERGROUND CONDUIT, GALVANIZED STEEL, 3/4" DIA.; ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1C NO. 10, 1/C NO. 10 GROUND

PROPOSED FLOOD LIGHTING UNIT (TYP.)

SEE LANDSCAPING PLANS CKT. E

E LAKE AVENUE

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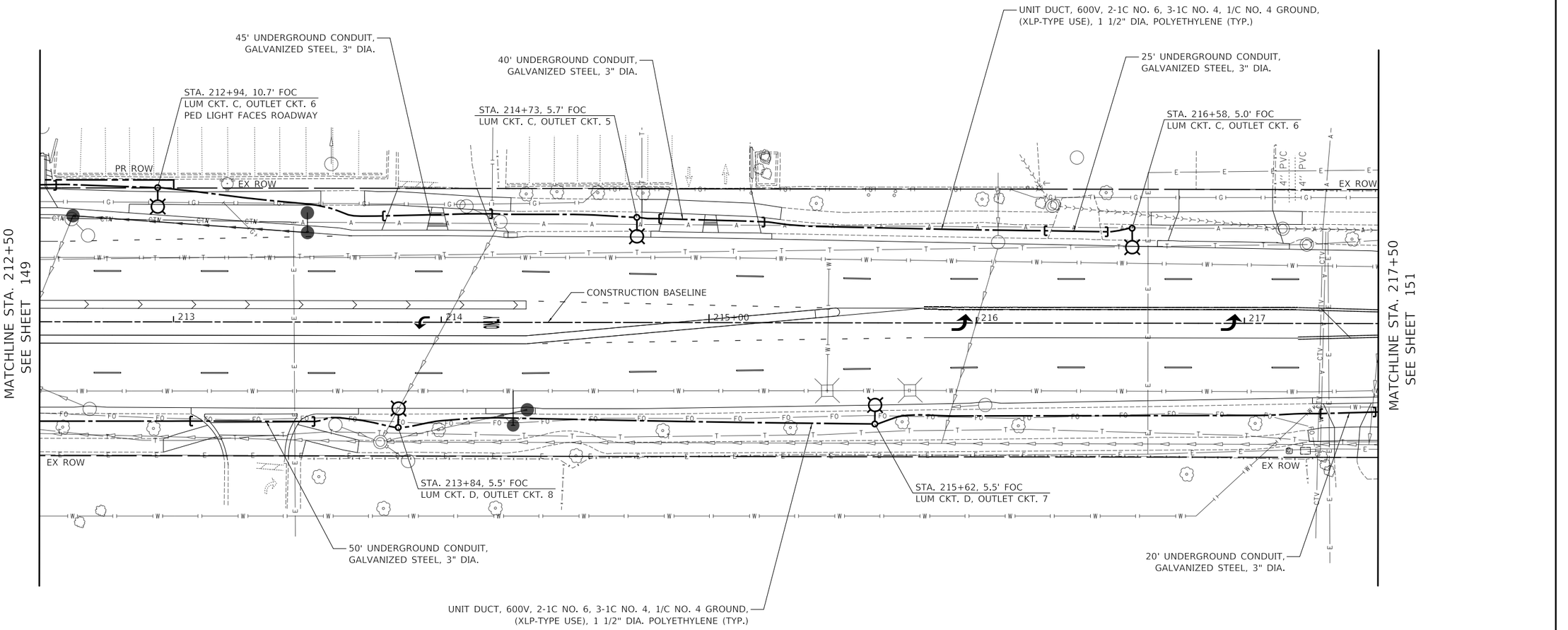
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE 0 20 40

LIGHTING PLAN

SHEET 2 OF 7 SHEETS STA. 207+00.00 TO STA. 212+50.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	149
		CONTRACT NO. 61K82		
	ILLINOIS			



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DATE - 7/13/2026		REVISED -

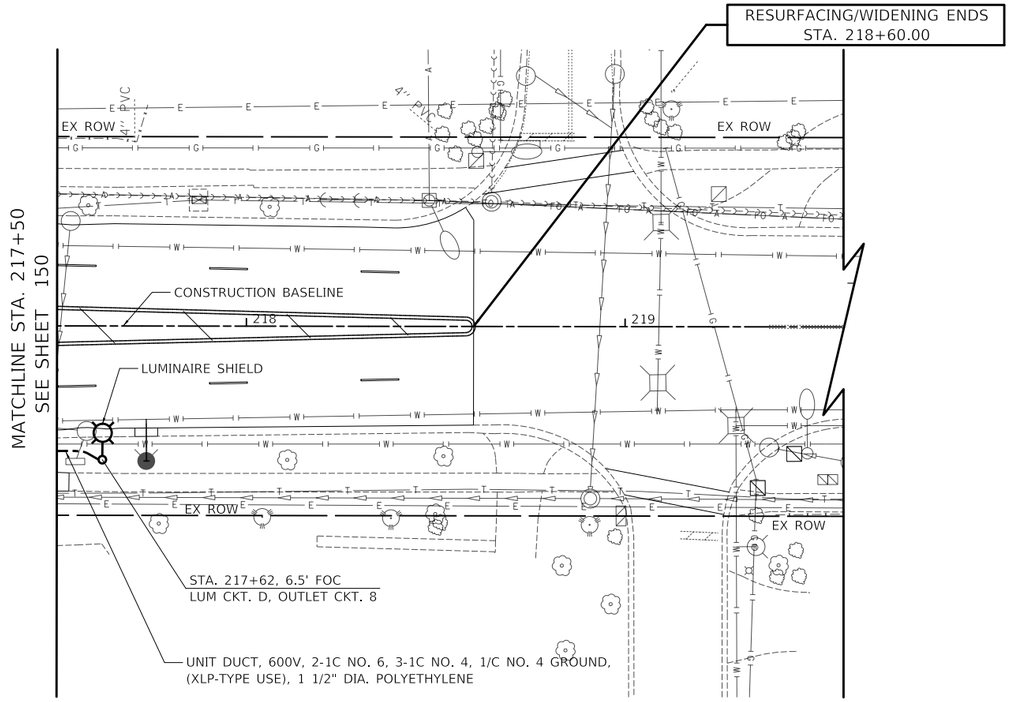
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
0 20 40

LIGHTING PLAN

SHEET 3 OF 7 SHEETS STA. 212+50.00 TO STA. 217+50.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	150
		CONTRACT NO. 61K82		
	ILLINOIS			



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STRUCTURE NOTATNS CHKD
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STATE OF ILLINOIS
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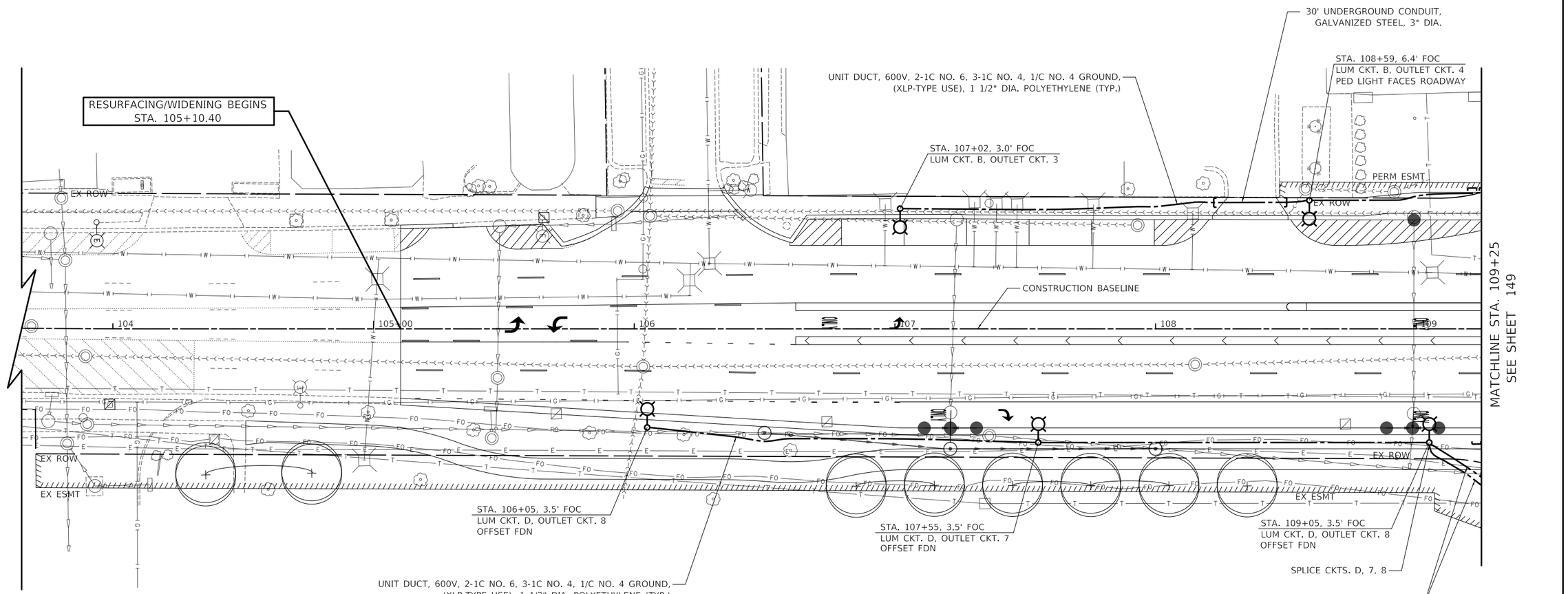
SCALE
0 20 40

LIGHTING PLAN

SHEET 4 OF 7 SHEETS STA. 217+50.00 TO STA. 218+60.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	151
		CONTRACT NO. 61K82		
	ILLINOIS			



WAUKEGAN ROAD

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO(TA)TNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681-sht-Lighting 07-12.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
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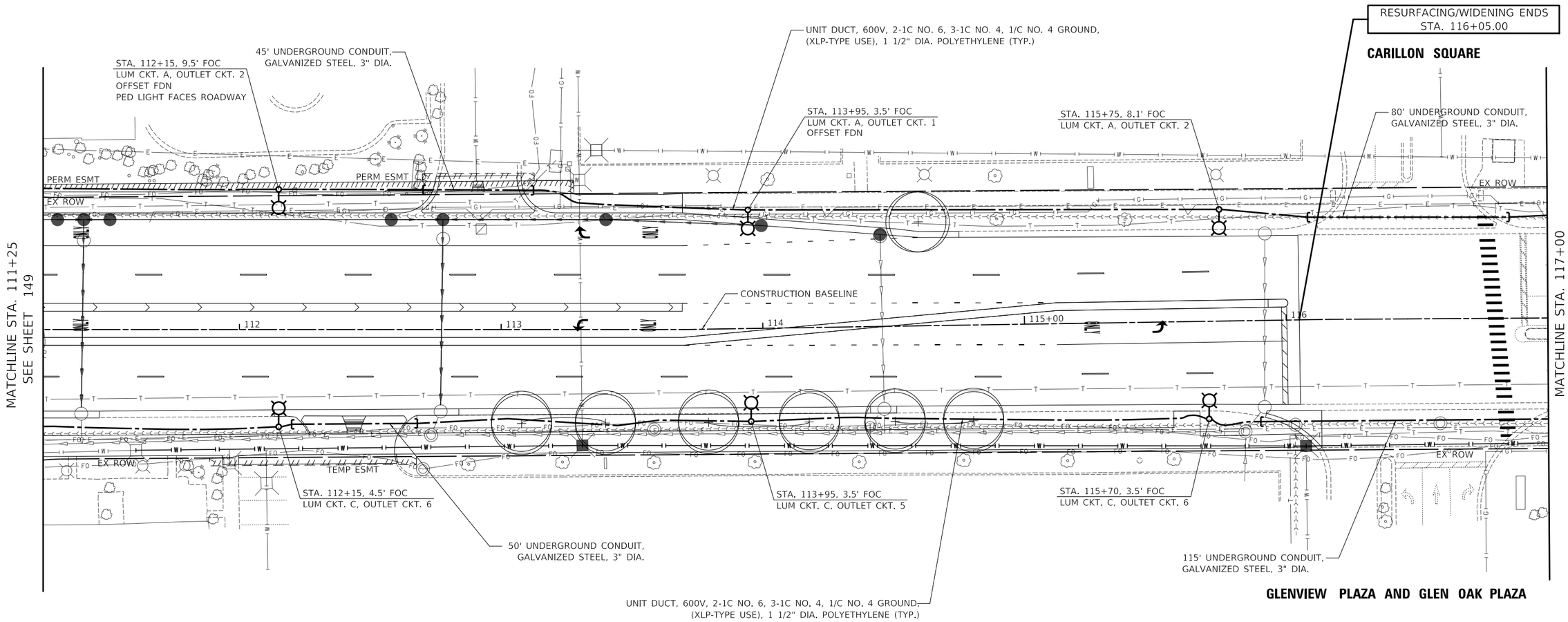
LIGHTING PLAN

SHEET 5 OF 7 SHEETS STA. 105+10.42 TO STA. 109+25.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	152
		CONTRACT NO. 61K82		
	ILLINOIS			



PLAN
SURVEYED
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ADDRESS CHECKED
R/T. OF WAY CHECKED
CADD FILE NAME
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BY
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PROFILE
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GRADES CHECKED
B.M. NOTED
STRUCTURE NO'S/PINS CHKD
NOTE BOOK
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BY
DATE

MODEL: $MODELNAME$
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SCALE
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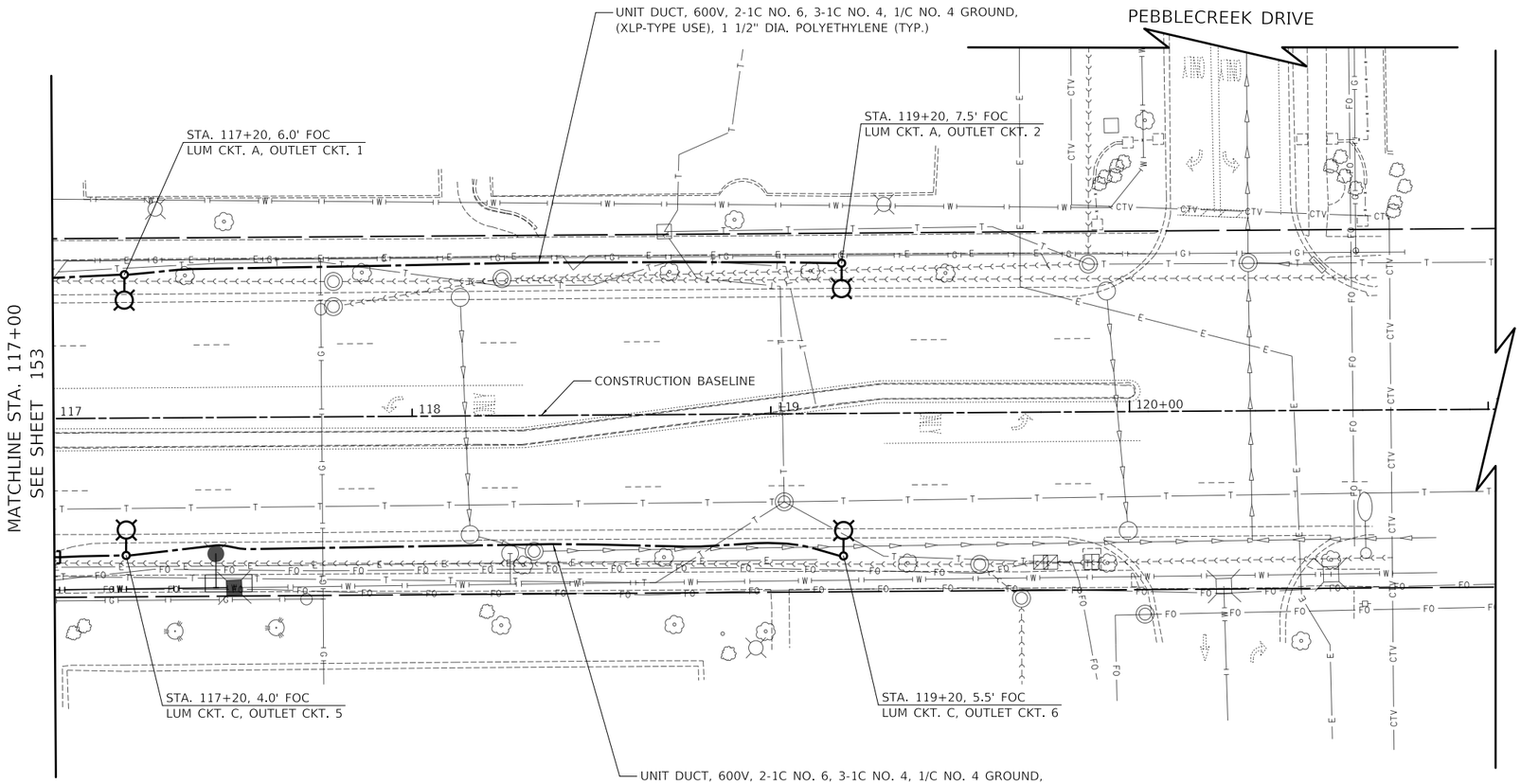
LIGHTING PLAN

SHEET 6 OF 7 SHEETS STA. 111+25.00 TO STA. 117+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	153
		CONTRACT NO. 61K82		
	ILLINOIS			



WAUKEGAN ROAD

PLAN | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
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LIGHTING PLAN

SHEET 7 OF 7 SHEETS STA. 117+00.00 TO STA. 120+00.00

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	154
		CONTRACT NO. 61K82		
	ILLINOIS			

LEGEND

EXISTING LIGHTING UNIT (OTHERS)

EXISTING VILLAGE LIGHTING UNIT

PROPOSED UNIT DUCT
AS SPECIFIED IN PLANS

PROPOSED LIGHTING CONTROLLER
120/240 VOLT, 200 AMP

PROPOSED LIGHTING UNIT
LUMINAIRE, LED, SPECIAL - (ROADWAY)
145 WATT LED LUMINAIRE, 240V
LUMINAIRE (SPECIAL) - (PEDESTRIAN)
36 WATT (600mA) LED LUMINAIRE, 240V
LIGHT POLE (SPECIAL)
ALUMINUM, 35 FT. M.H., 6 FT. MAST ARM

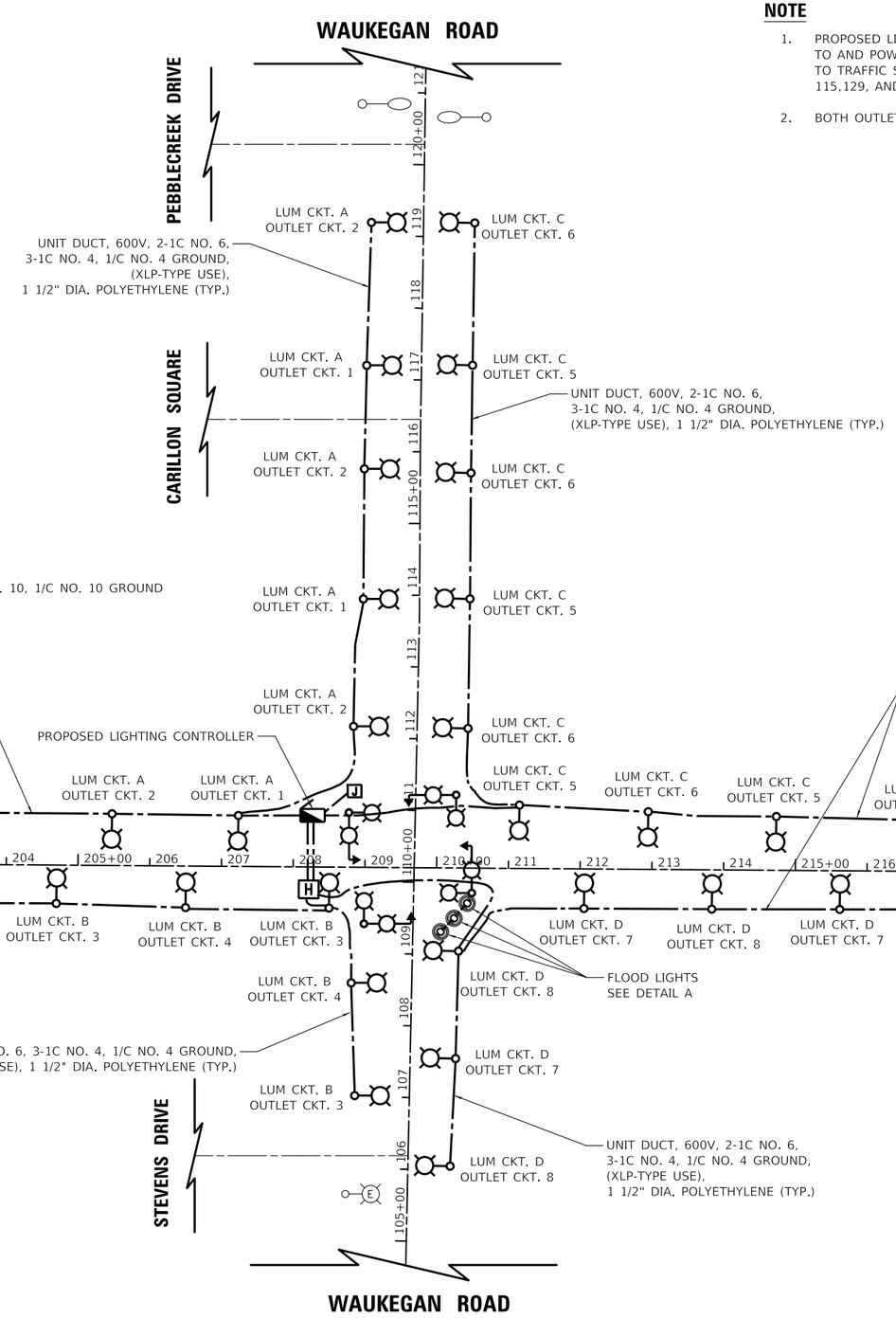
PROPOSED COMBINATION LIGHTING UNIT
LUMINAIRE, LED ROADWAY, OUTPUT DESIGNATION G (120 V)
(MIN. 19,000 LUMENS) TYPE III DISTRIBUTION
40 FOOT MOUNTING HEIGHT, 15 FOOT MAST ARM
LUMINAIRE SAFETY CABLE ASSEMBLY
SEE TRAFFIC SIGNAL PLANS

PROPOSED HANDHOLE

PROPOSED JUNCTION BOX, STAINLESS STEEL,
ATTACHED TO STRUCTURE, 8" X 8" X 6"

PROPOSED FLOOD LIGHTING UNIT

PROPOSED FLOOD LIGHTING UNIT CONDUIT AND CABLES
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3/4" DIA.;
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO. 10, 1/C NO. 10 GROUND



NOTE

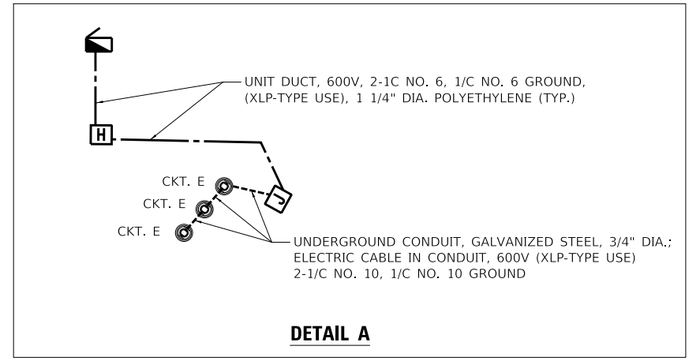
1. PROPOSED LIGHTING ON COMBINATION TRAFFIC SIGNAL POLES ARE WIRED TO AND POWERED FROM THE PROPOSED LIGHTING CONTROLLER ATTACHED TO TRAFFIC SIGNAL CABINET. SEE TRAFFIC SIGNAL PLANS ON SHEETS 115,129, AND 131.
2. BOTH OUTLETS ON POLE SHALL BE ON CIRCUIT DESIGNATED ON PLAN.

N

PROPOSED LIGHTING CONTROLLER
CIRCUIT LOAD TABLE

BLACK CABLE	QTY	TOTAL AMPS	KW LOAD @ 120V	RED CABLE	QTY	TOTAL AMPS	KW LOAD @ 120V
A	8	6.8	0.82	A	8	6.8	0.82
B	6	5.1	0.61	B	6	5.1	0.61
C	9	7.7	0.92	C	9	7.7	0.92
D	7	6.0	0.72	D	7	6.0	0.72
1	8	12.0	1.44	2	8	12.0	1.44
3	6	9.0	1.08	4	6	9.0	1.08
5	8	12.0	1.44	6	10	15.0	1.80
7	6	9.0	1.08	8	8	12.0	1.44
E	3	2.3	0.28	F	1	2.0	0.24
TOTAL		69.9	8.11	TOTAL		75.6	8.83

PROPOSED ROADWAY LUMINAIRE 145 WATT LED (240V) = 0.65 AMP
PROPOSED PEDESTRIAN LUMINAIRE 36 WATT (600mA) LED (240V) = 0.20 AMP
PROPOSED OUTLET (120 V) = 1.5 AMP
PROPOSED SPOTLIGHT 11 WATT LED (120 V) = 0.10 AMP
PROPOSED MONUMENT LIGHTING LED (120 V) = 2.0 AMP



DETAIL A

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.____, BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO/ATHS CHKD, NOTE BOOK, NO.____, BY, DATE

MODEL: SMODELNAME5
FILE NAME: ...\3681\sht-Lighting 13.dgn

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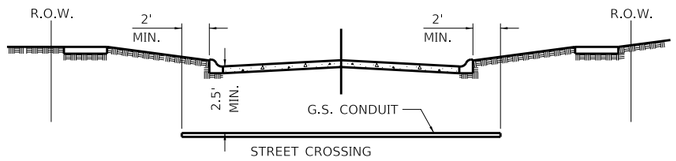
DEPARTMENT OF TRANSPORTATION

PROPOSED WIRING DIAGRAM

N.T.S | SHEET 1 OF 1 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	155
		CONTRACT NO. 61K82		
	ILLINOIS			

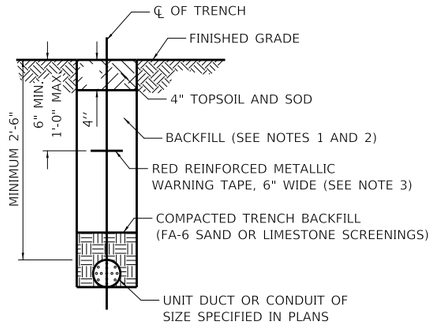


① CONDUIT SHALL BE HEAVY WALL RIGID G.S. CONDUIT
② CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB
③ CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW FINISHED GRADE

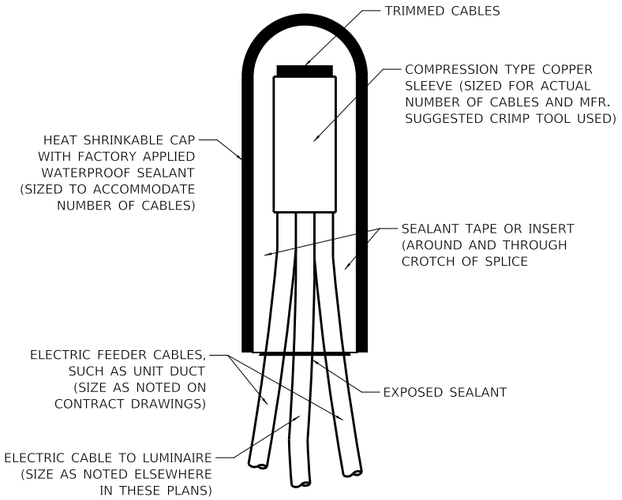
ELECTRICAL CONDUIT UNDER PAVEMENT

NOTES:

1. IN GRASS COVERED AREAS, THE BACKFILL MAY BE COMPACTED EARTH.
2. TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
3. WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
4. ALL GRASS COVERED AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.



TYPICAL TRENCH CROSS SECTION



NOTE: NUMBER OF CABLES IN SPLICE MAY VARY

SPLICING ELECTRIC CABLES BASIC MATERIALS AND METHODS

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
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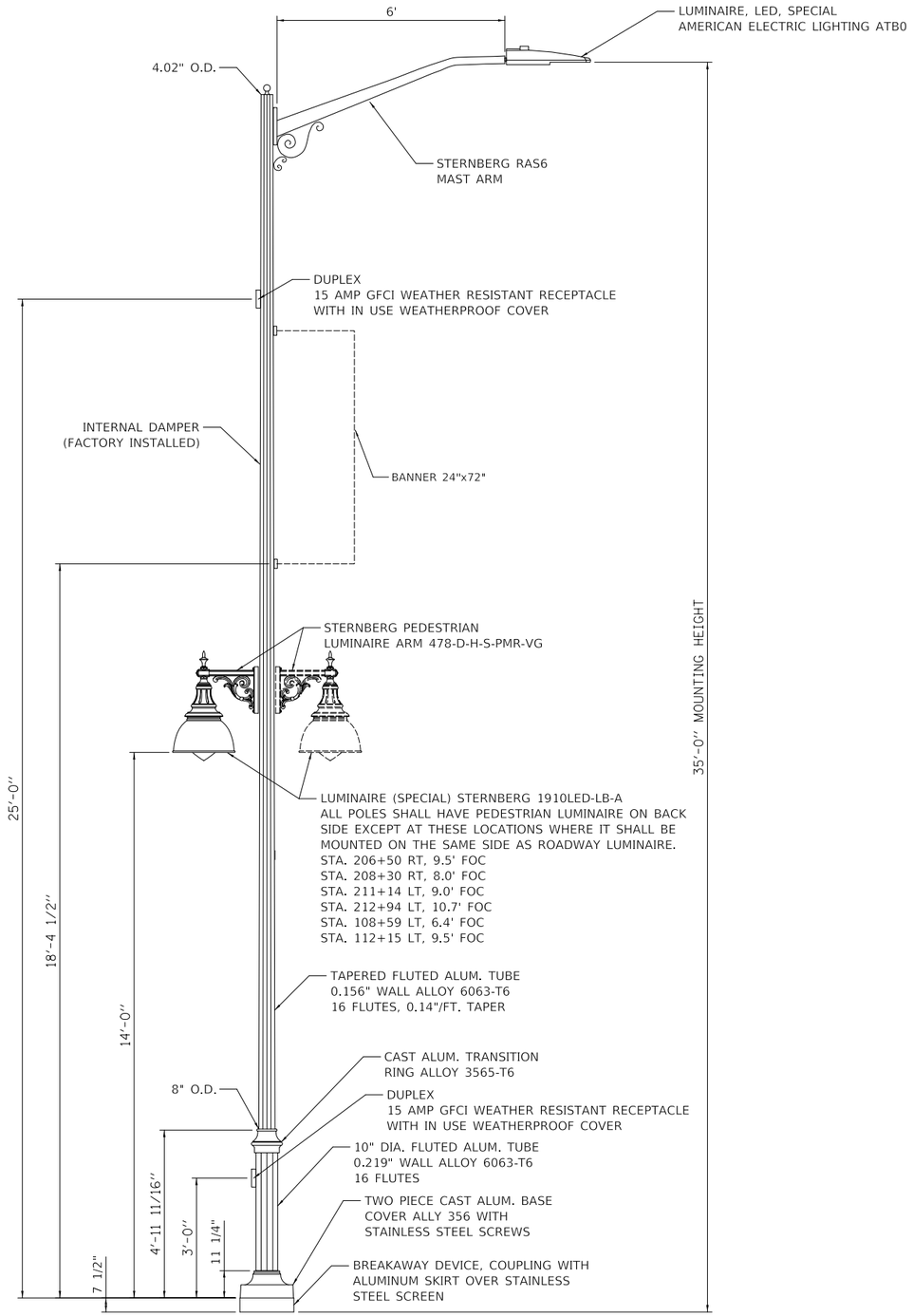
LIGHTING DETAILS

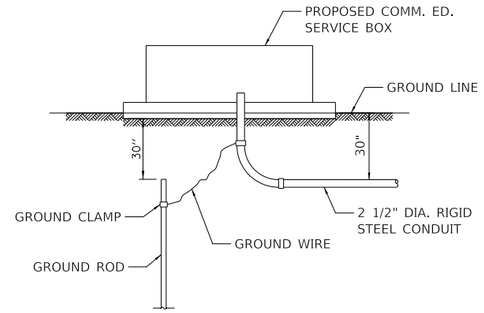
N.T.S. | SHEET 1 OF 3 SHEETS | STA. | TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	156
		CONTRACT NO. 61K82		
	ILLINOIS			



LIGHT POLE (SPECIAL)

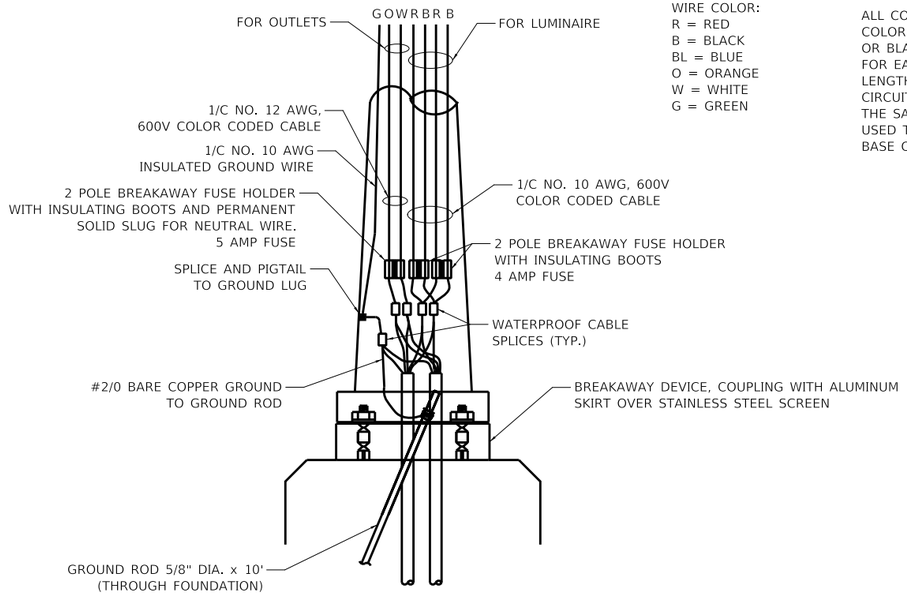
(NOT TO SCALE)



PROPOSED SERVICE INSTALLATION

(NOT TO SCALE)

NOTE: GROUND ROD, GROUND CLAMPS & GROUND WIRE TO BE IN ACCORDANCE WITH COMM. ED. REQUIREMENTS.



WIRE COLOR:
R = RED
B = BLACK
BL = BLUE
O = ORANGE
W = WHITE
G = GREEN

ALL CONDUCTORS SHALL BE INDIVIDUALLY COLOR-CODED. PHASE WIRES WILL BE RED OR BLACK. THE COLOR-CODED INSULATION FOR EACH WIRE SHALL RUN THE ENTIRE LENGTH OF THE CONDUCTOR FROM THE CIRCUIT BREAKER TO THE LUMINAIRE WITH THE SAME COLOR. COLORED TAPE CAN BE USED TO SHOW DIFFERENT CIRCUITS IN THE BASE OF EACH POLE.

LIGHT POLE HANDHOLE WIRING DIAGRAM

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PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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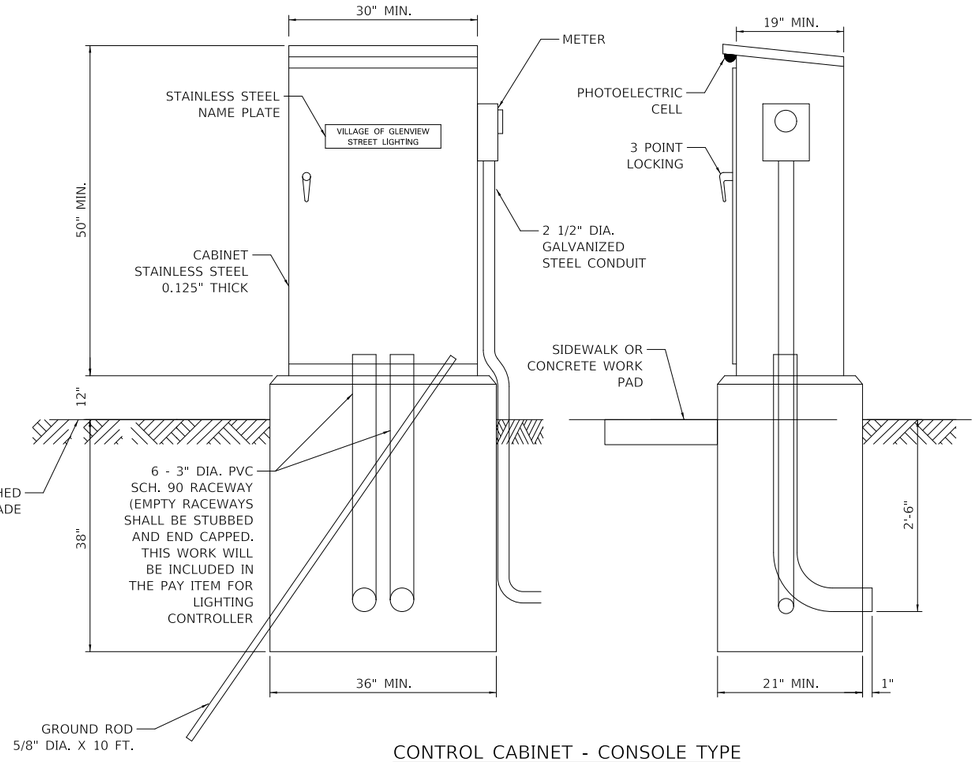
LIGHTING DETAILS

N.T.S. | SHEET 2 OF 3 SHEETS | STA. | TO STA.

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	157
		CONTRACT NO. 61K82		
	ILLINOIS			



CONTROL CABINET - CONSOLE TYPE

PROPOSED LIGHTING CONTROLLER COMPONENT SCHEDULE	
ITEM	SPECIFICATION OR EQUAL
(1) MAIN CIRCUIT BREAKER	200 AMPERE, 2 POLE, 240 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 25,000 RMS SYMMETRICAL AMPS AT 600V
(2) OUTLET CIRCUIT BREAKER	20 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 14,000 RMS SYMMETRICAL AMPS AT 277V
(3) PHOTOELECTRIC CELL CONTROL CIRCUIT BREAKER	15 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 14,000 RMS SYMMETRICAL AMPS AT 277V
(4) AUXILIARY RELAY	120 VOLT SPST 60 HZ COIL
(5) FOUR POINT TERMINAL BLOCK	600 VOLT
(6) LAMPHOLDER	120 VOLT SWITCHED LAMPHOLDER
(7) REMOTE CONTROL SWITCH - CONTACTOR	200 AMPERE, 2 POLE, 240 VOLT RATING, 120V COIL SQUARE D ELECTRICALLY OPERATED, MECHANICALLY HELD LIGHTING CONTACTOR
(8) BRANCH LINE CIRCUIT BREAKERS	CKTS. A - D = 30 AMPS, 2 POLE, 240 VOLT RATING CKTS. 1 - 8 = 40 AMPS, 1 POLE, 120 VOLT RATING CKTS. E - F = 20 AMPS, 1 POLE, 120 VOLT RATING ALL CIRCUITS SHALL BE INTERRUPTING CAPACITY NOT LESS THAN 10,000 RMS SYMMETRICAL AMPS
(9) PHOTOELECTRIC CELL CONTROL WIRE	3-600V XLP NO. 10
(10) SERVICE CABLES	3-600V (XLP-TYPE USE) NO. 2
(11) CONTROL WIRE	2-600V XLP NO. 10
(12) HAND-AUTO-OFF CONTROL SWITCH	10 AMPERE, 3 POLE, 120 VOLT.
(13) LIGHTING ARRESTOR	BRACKET MOUNTED SURGE ARRESTOR FOR 120/240V 3W SERVICE
(14) PHOTOELECTRIC CELL	120 SECONDS OFF TIME DELAY, 120V
(15) MICRO SWITCH	MOUNT WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN
(16) OUTLET	20 AMP GFI DUPLEX RECEPTACLE. WEATHERPROOF SINGLE GANG CAST ALUMINUM BOX AND WEATHERPROOF COVER.

NOTES FOR CONTROL CABINET:

THE CABINET SHALL BE 0.125" THICK STAINLESS STEEL AND SHALL BE REINFORCED WITH ANGLES. THE CABINET DOOR SHALL BE NEMA TYPE 3 CONSTRUCTION WITH NEOPRENE GASKET. THE DOOR SHALL HAVE STAINLESS STEEL HINGES AND THREE POINT LOCKING SYSTEM.

CONTROL WIRING SHALL BE NO. 12 AWG., 600V, TYPE 'SIS' GRAY SWITCHBOARD WIRE, STRANDED COPPER.

THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUS CONNECTION AND GREEN FOR GROUND BUS CONNECTORS.

PROVIDE SEALING GROMMETS FOR ALL WIRING EXTENDING FROM DEVICE ENCLOSURES.

ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL 'ENCLOSED INDUSTRIAL CONTROL PANEL'.

PROVIDE A HOLDER AND WATERPROOF POUCH ON THE INNER SIDE OF THE CONTROLLER DOOR. FURNISH THE APPROVED COPY OF 'CONTROL CABINET WIRING DIAGRAM'.

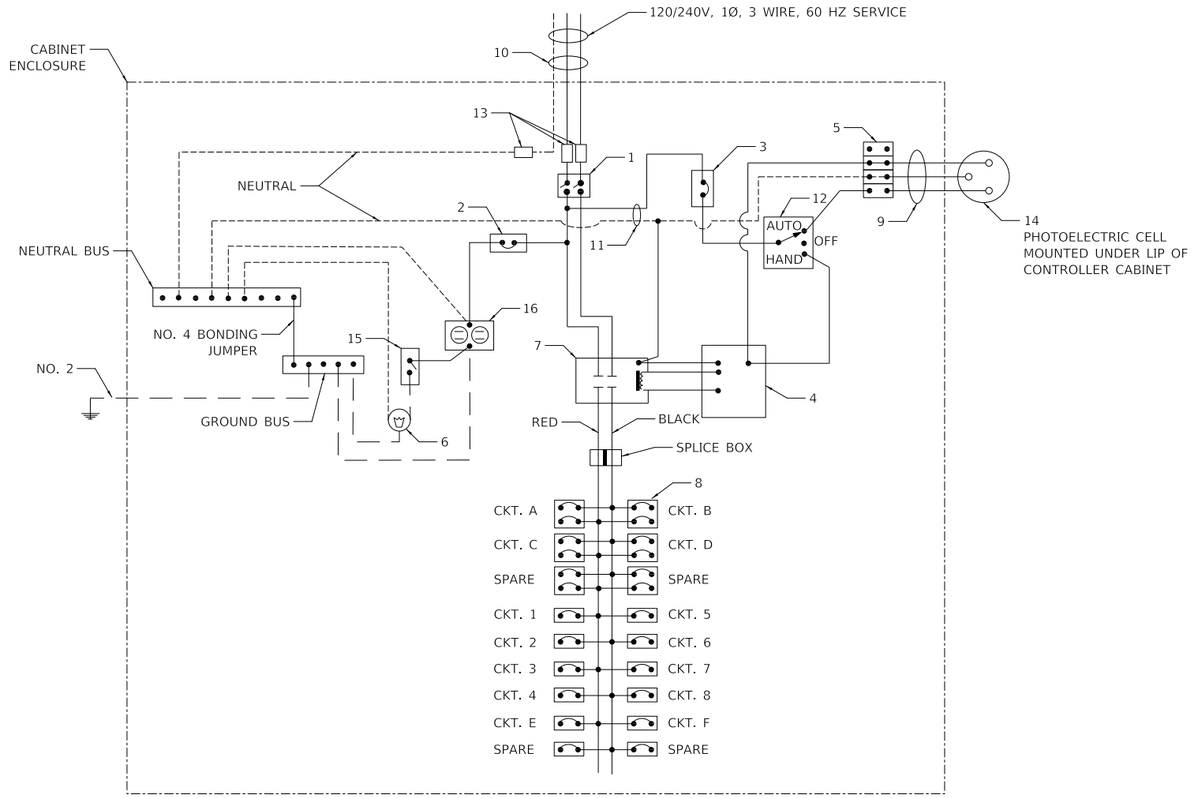
A CONCRETE PAD 36" X 60" X 4" MINIMUM SIZE SHALL BE PLACED IN FRONT OF CONTROLLER CABINET DOOR WHEN THERE IS NO SIDEWALK. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.

CONTROLLER CABINET SHALL BE NATURAL STAINLESS STEEL WITH NO PAINT.

PROVIDE A RED WARNING NAMEPLATE IN THE CONTROLLER NEAR THE MAIN BREAKER INDICATING "LIVE CIRCUITS EVEN WHEN MAIN CIRCUIT BREAKER IS IN OFF POSITION".

THE PANEL MANUFACTURER SHALL LABEL THE CABINET WITH THE APPROPRIATE ARC FLASH WARNING AND PERSONNEL PROTECTION EQUIPMENT REQUIRED FOR SERVICING.

CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY.



PANEL WIRING DIAGRAM

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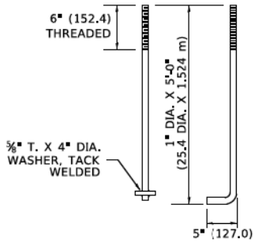
LIGHTING DETAILS

N.T.S. | SHEET 3 OF 3 SHEETS | STA. | TO STA.

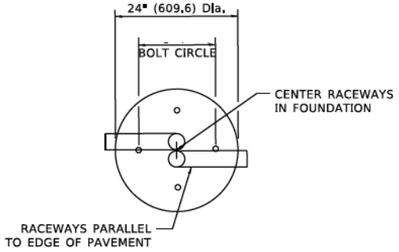
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	158
		CONTRACT NO. 61K82		
	ILLINOIS			

LIGHT POLE FOUNDATION DEPTH TABLE

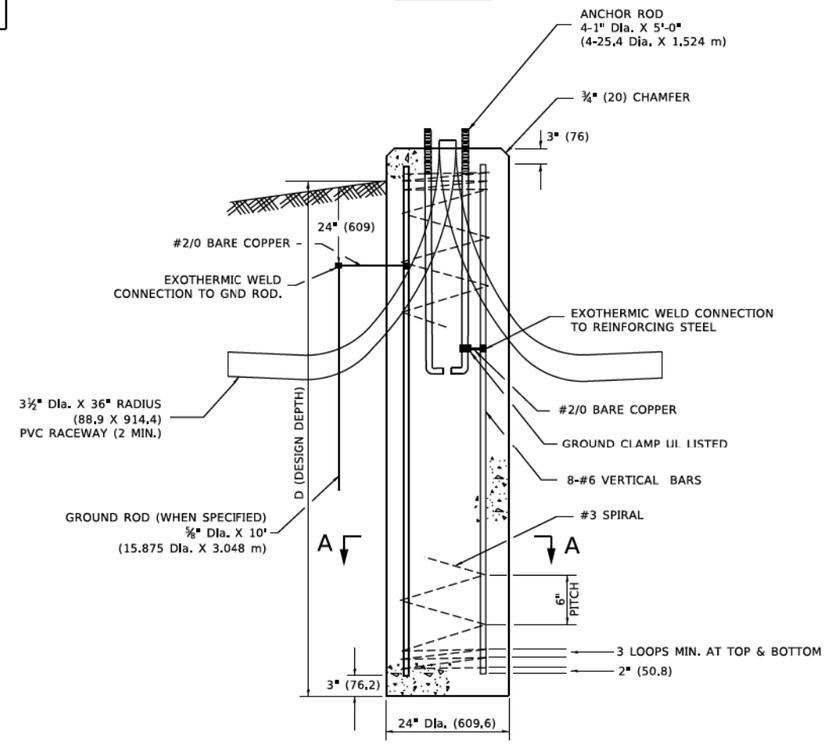
SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND ∅ = 34°	9'-6" (2,90 m)	10'-7" (3,22 m)
MEDIUM SAND ∅ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND ∅ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



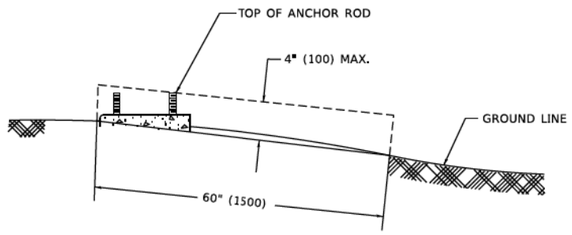
ANCHOR BOLT DETAIL



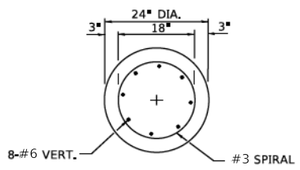
TOP VIEW



FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A–A

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IN PLACED.
3. THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1,5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
4. THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
5. THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
6. THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
7. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
8. ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
9. THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
10. ANCHOR RODS SHALL PROJECT 2-3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
11. THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
12. THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
13. THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

PLAN: DATE, BY, SURVEYED, PLOTTED, QUANTITIES CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.

PROFILE: DATE, BY, SURVEYED, PLOTTED, QUANTITIES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO.

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FILE NAME: ...\3681-sht-Lighting 17.dgn

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DATE -	7/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

SHEET 1 OF 1 SHEETS

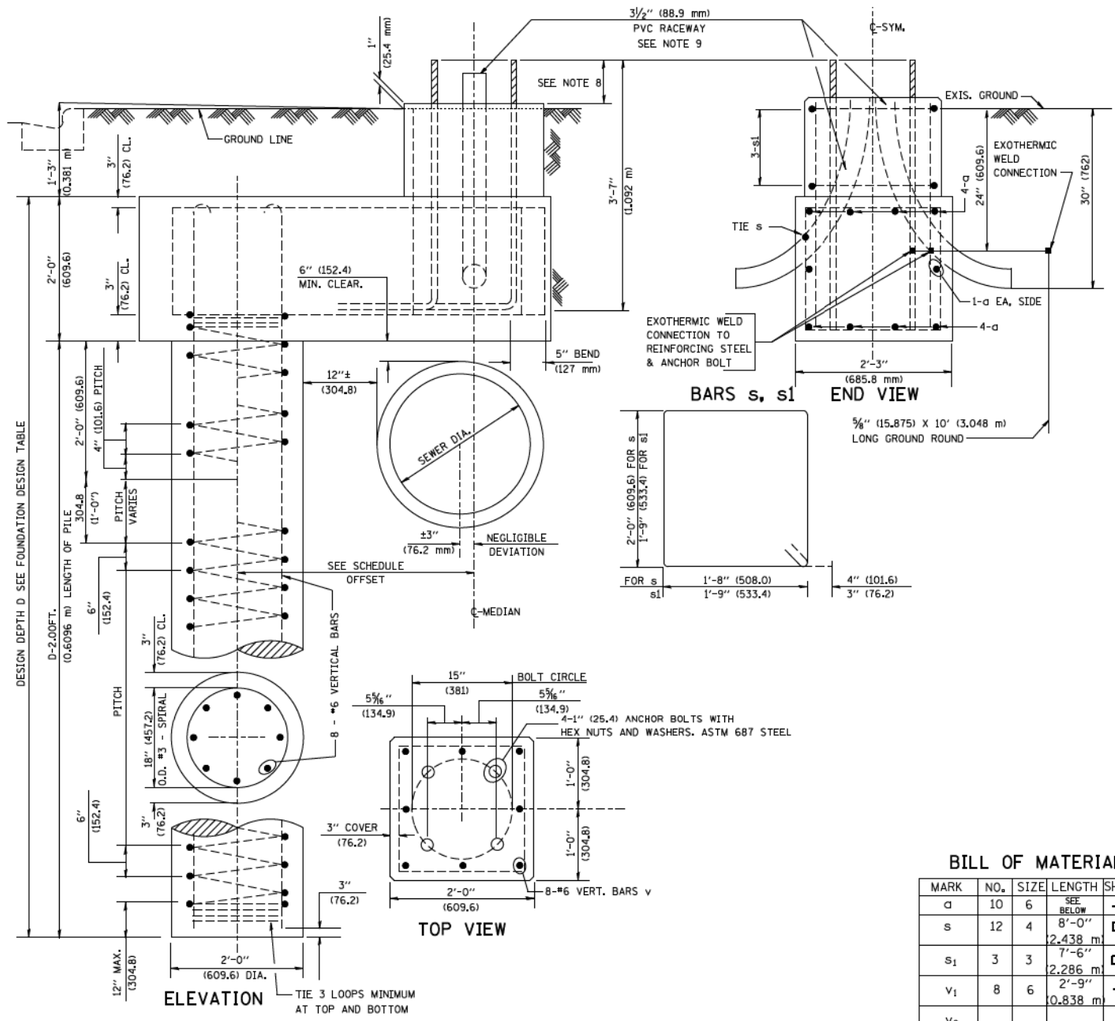
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	159
		CONTRACT NO. 61K82		
	ILLINOIS			

FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13′-0″ (3.962 m)	15′-0″ (4.572 m)	8-#6X12′-6″ (3.810 m)	#3X122′ (37.186 m)	8-#6X14′-3″ (4.343 m)	#3X141′ (42.977 m)
MEDIUM CLAY	9′-6″ (2.896 m)	10′-9″ (3.277 m)	8-#6X9′-0″ (2.743 m)	#3X90′ (27.432 m)	8-#6X10′-0″ (3.048 m)	#3X100′ (30.480 m)
STIFF CLAY	7′-0″ (2.134 m)	8′-0″ (2.438 m)	8-#6X6′-6″ (1.981 m)	#3X66′ (20.112 m)	8-#6X7′-6″ (2.286 m)	#3X76′ (23.165 m)
LOOSE SAND	9′-0″ (2.743 m)	10′-0″ (3.048 m)	8-#6X8′-6″ (2.591 m)	#3X85′ (25.908 m)	8-#6X9′-6″ (2.896 m)	#3X94′ (28.651 m)
MEDIUM SAND	8′-3″ (2.515 m)	9′-0″ (2.743 m)	8-#6X8′-0″ (2.438 m)	#3X78′ (23.774 m)	8-#6X8′-6″ (2.591 m)	#3X85′ (25.908 m)
DENSE SAND	7′-9″ (2.362 m)	9′-0″ (2.743 m)	8-#6X7′-6″ (2.286 m)	#3X73′ (22.250 m)	8-#6X8′-6″ (2.591 m)	#3X85′ (25.908 m)
ROCK OR SOLIDIFIED SLAG	5′-0″ (1.524 m)	5′-0″ (1.524 m)	NONE	NONE	NONE	NONE

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
3. EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24″ (609.6 mm) OR 30″ (762.0 mm) IN DIAMETER.
4. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
5. THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
6. THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
7. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 2¾″ (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
8. RACEWAYS SHALL PROJECT 1″ (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
9. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERECTED.



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8′-0″ (2.438 m)	□
s_1	3	3	7′-6″ (2.286 m)	□
v_1	8	6	2′-9″ (0.838 m)	—
v_2				

OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET from℄-MED'N FT.	LENGTH of BAR a FT.
UP TO 24″ (609.6 mm)	3′-3″ (0.991 m)	#6 x 5′-3″ (1.600 m)
27″ (685.8 m)TO 36″ (914.4 mm)	3′-9″ (1.143 m)	5′-9″ (1.753 m)
42″ (1066.8 mm) TO 48″ (1219.2 mm)	4′-6″ (1.372 m)	6′-6″ (1.981 m)
54″ (1371.6 mm) TO 60″ (1524.0 mm)	5′-0″ (1.524 m)	7′-0″ (2.134 m)
66″ (1676.4 mm) TO 72″ (1828.8 mm)	5′-6″ (1.676 m)	7′-6″ (2.286 m)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

SHEET 1 OF 1 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	160
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN — SURVEYED, PLOTTED, CHANGES CHECKED, R.M. NOTED, STRUCTURE NO.TAGS CHKD, NOTE BOOK, NO.____, RT. OF WAY CHECKED, ALIGNMENT CHECKED, CADD FILE NAME, BY, DATE

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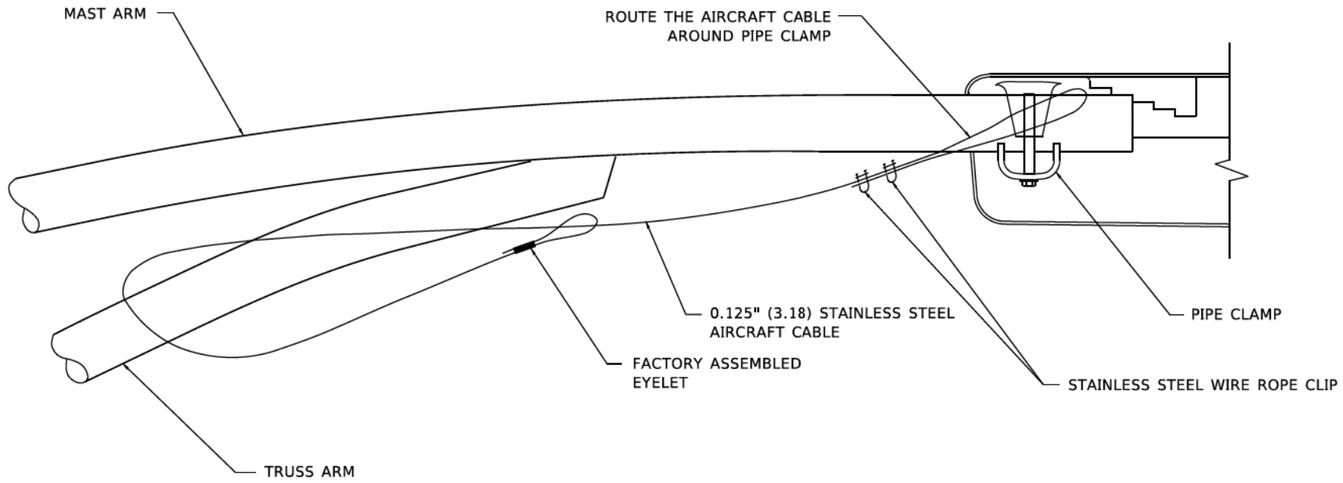
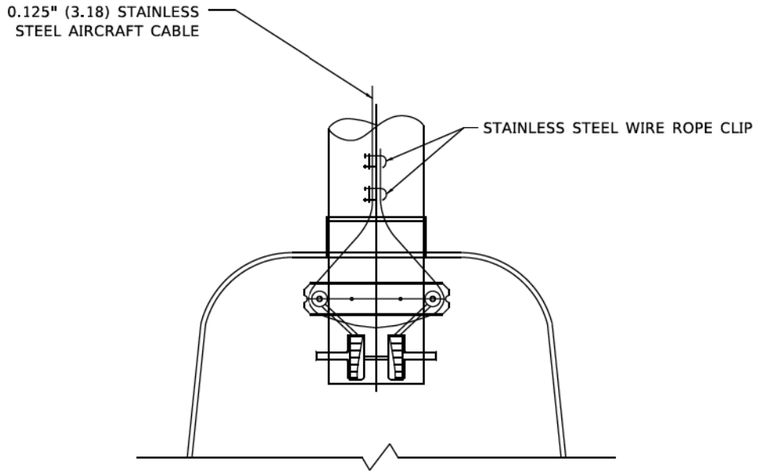
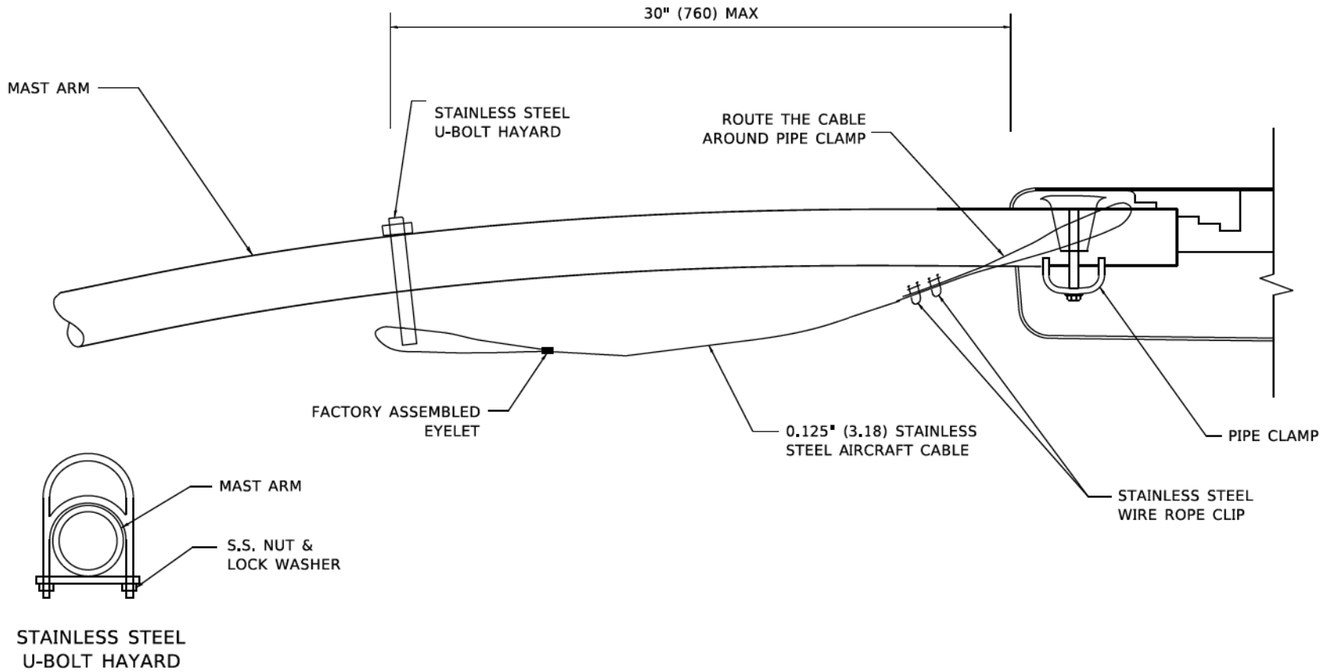
FILE NAME: ...\3681-sht-Lighting 18.dgn



SIDE VIEW (TRUSS ARM)
N.T.S.



BOTTOM VIEW
N.T.S.



SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)
N.T.S.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN.

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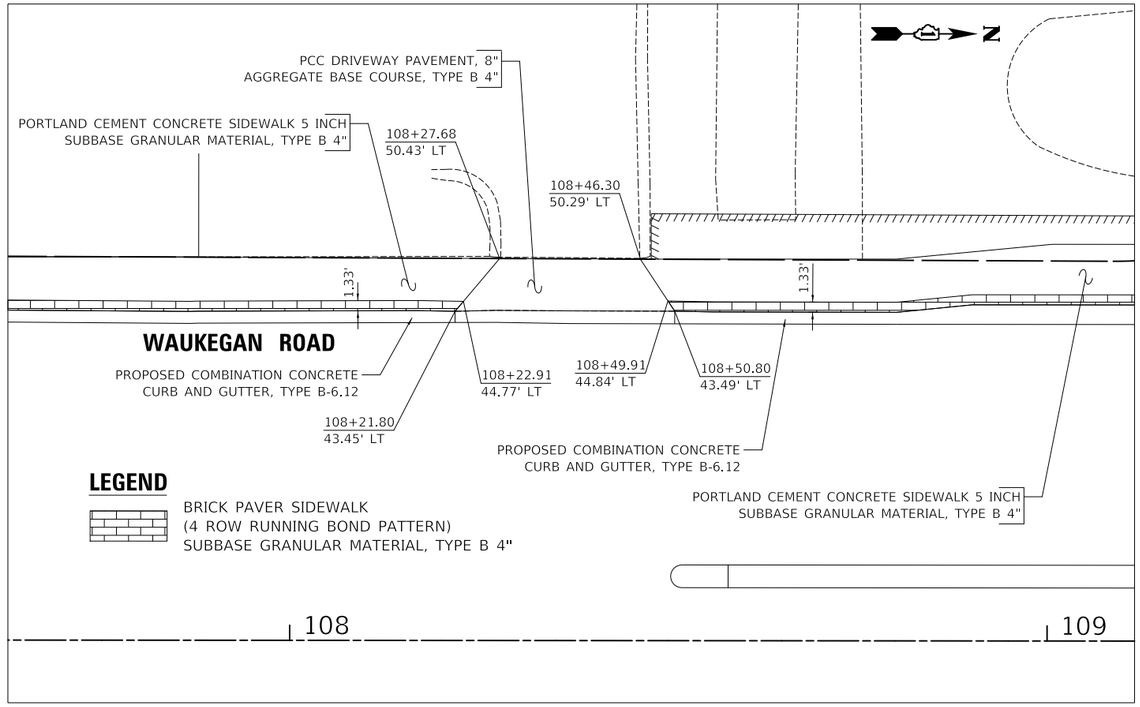
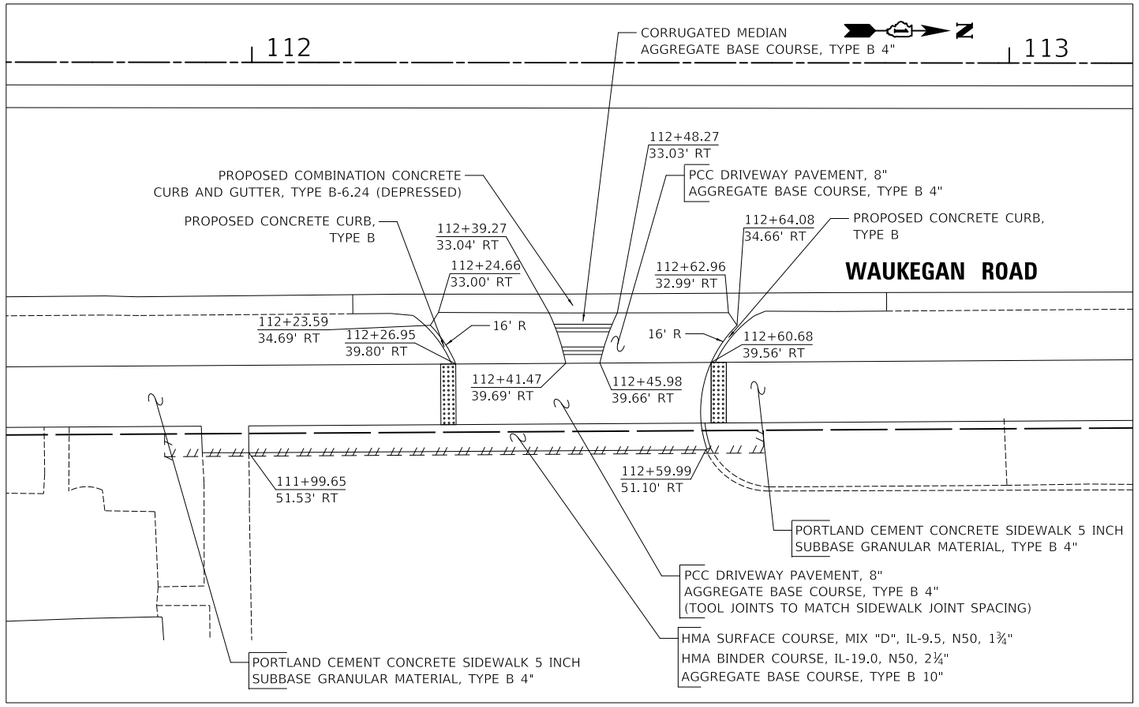
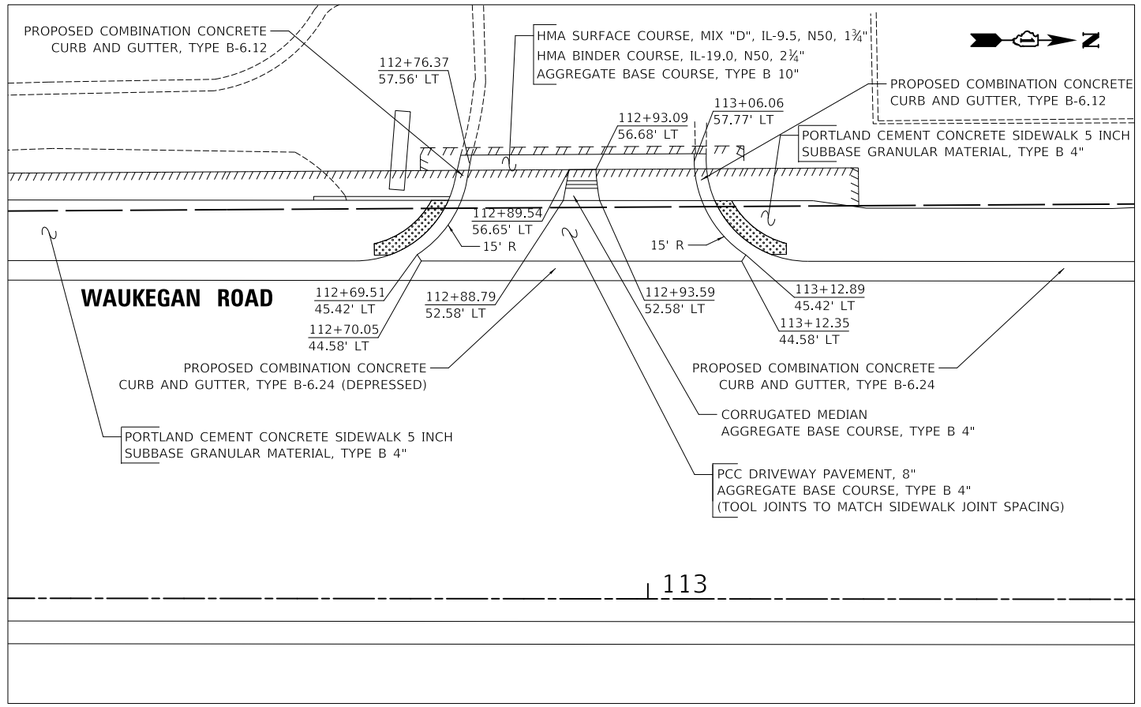
LUMINAIRE SAFETY CABLE ASSEMBLY

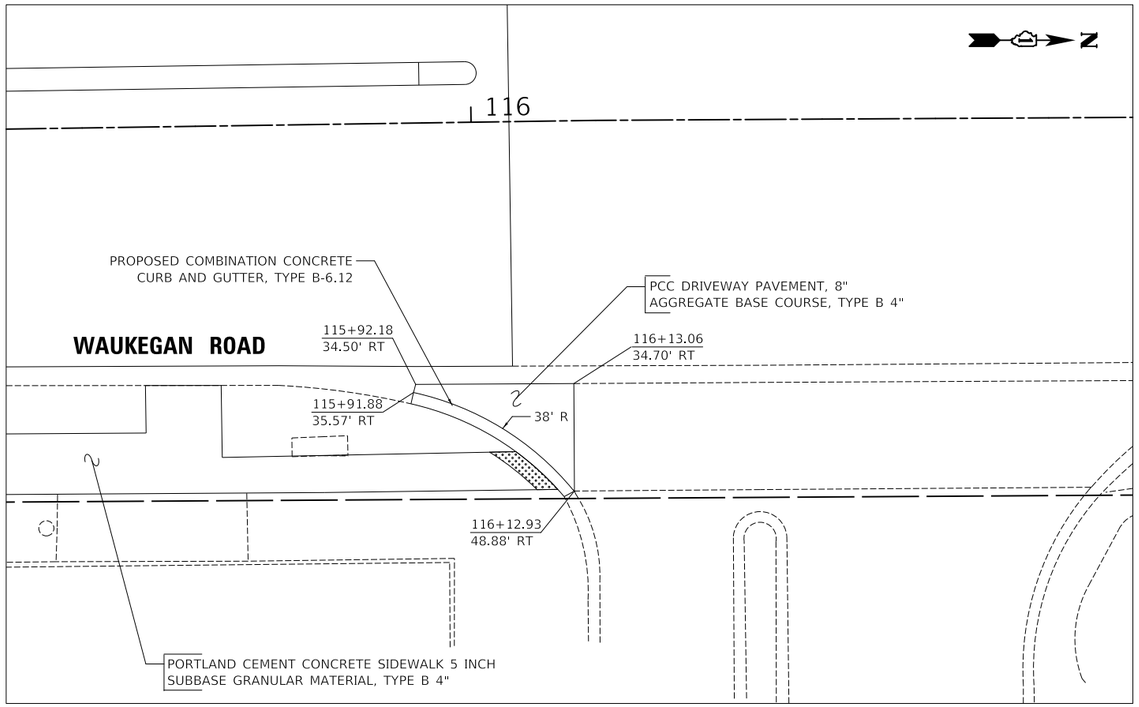
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P./F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	161
	BE-701	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			









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DEPARTMENT OF TRANSPORTATION

SCALE
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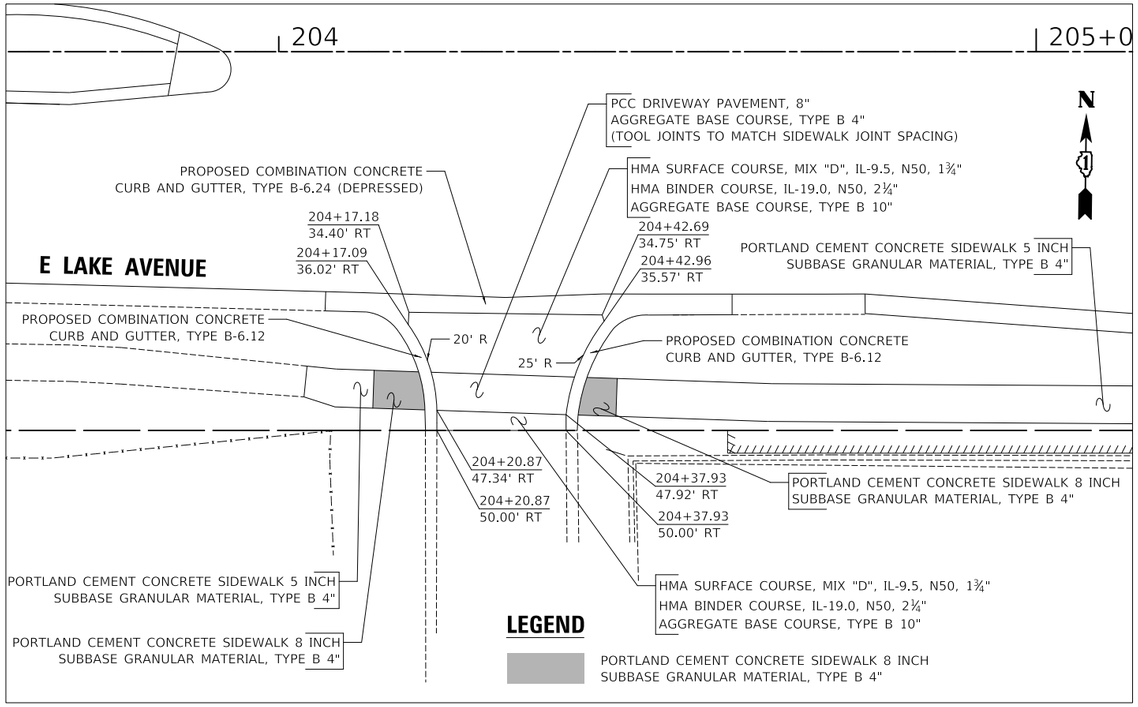
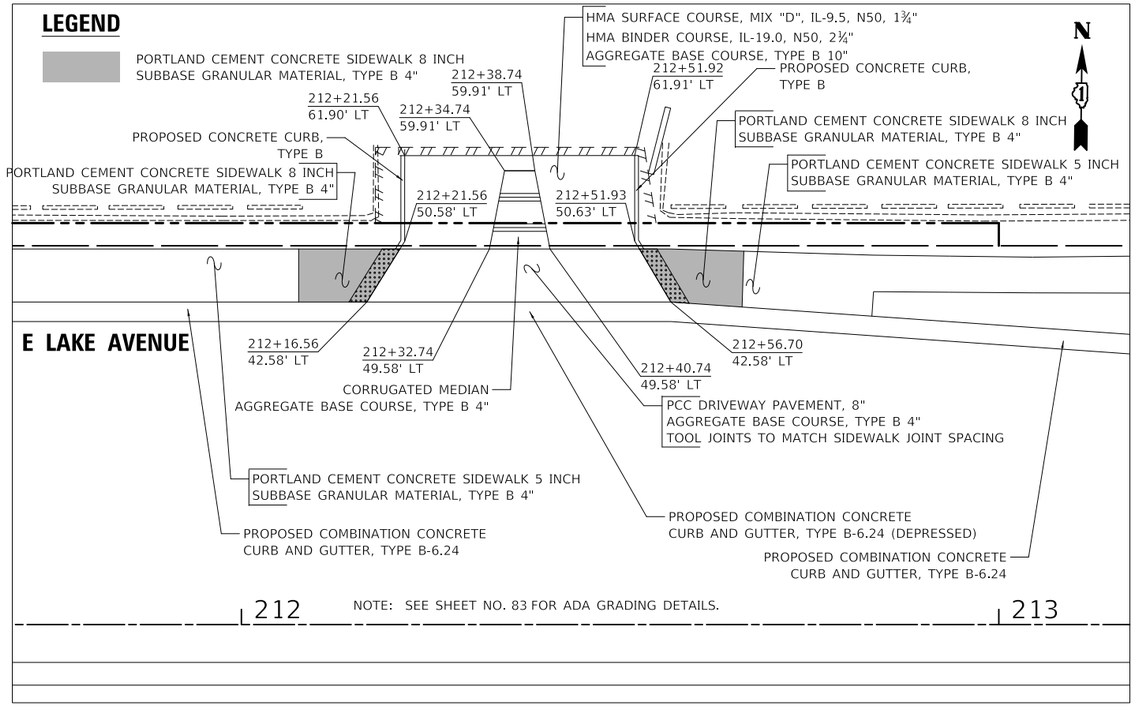
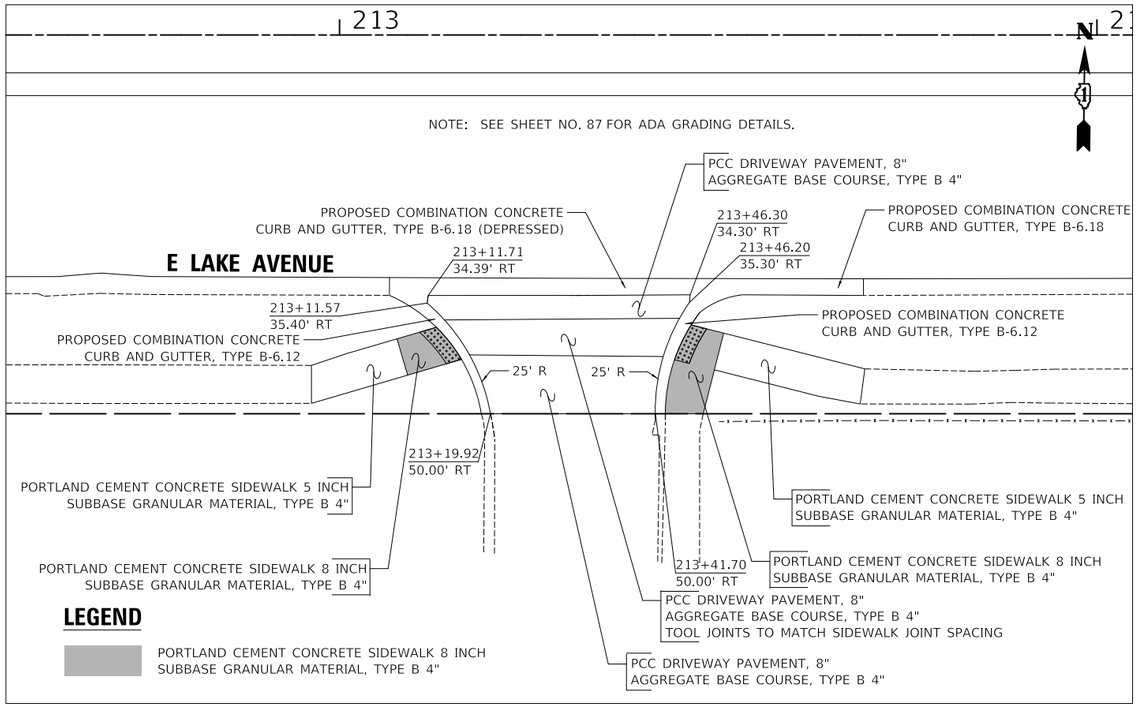
ENTRANCE DETAILS

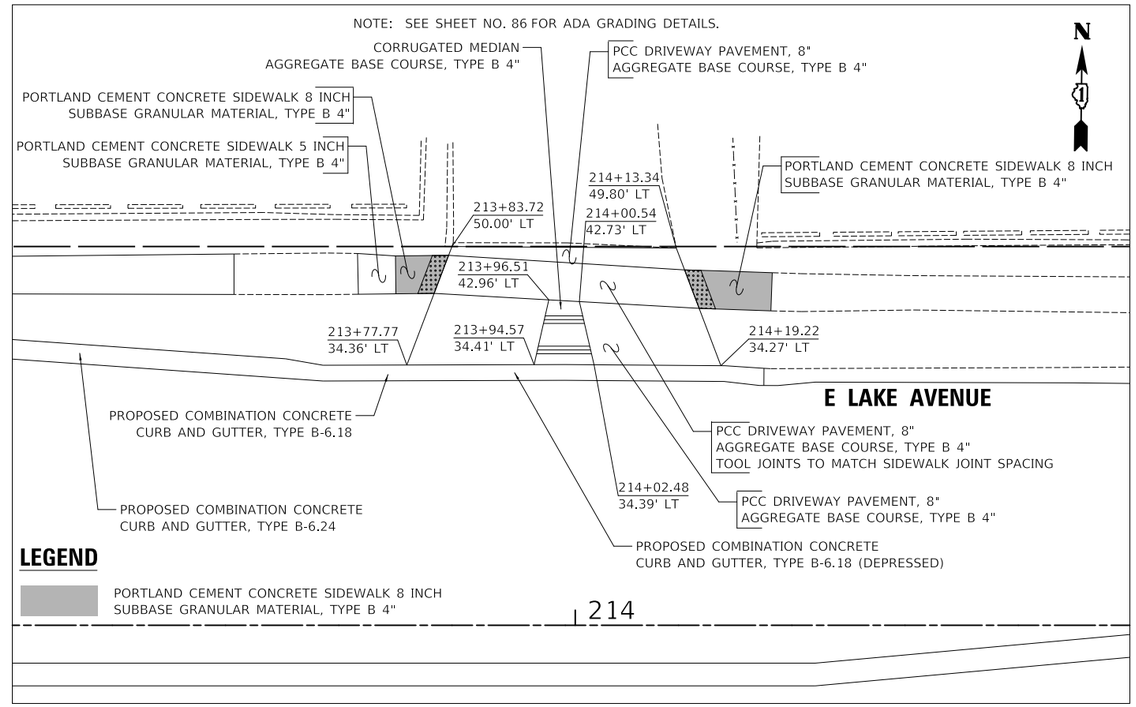
SHEET 1 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	162
		CONTRACT NO. 61K82		
	ILLINOIS			









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NOTE BOOK
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DEPARTMENT OF TRANSPORTATION

SCALE
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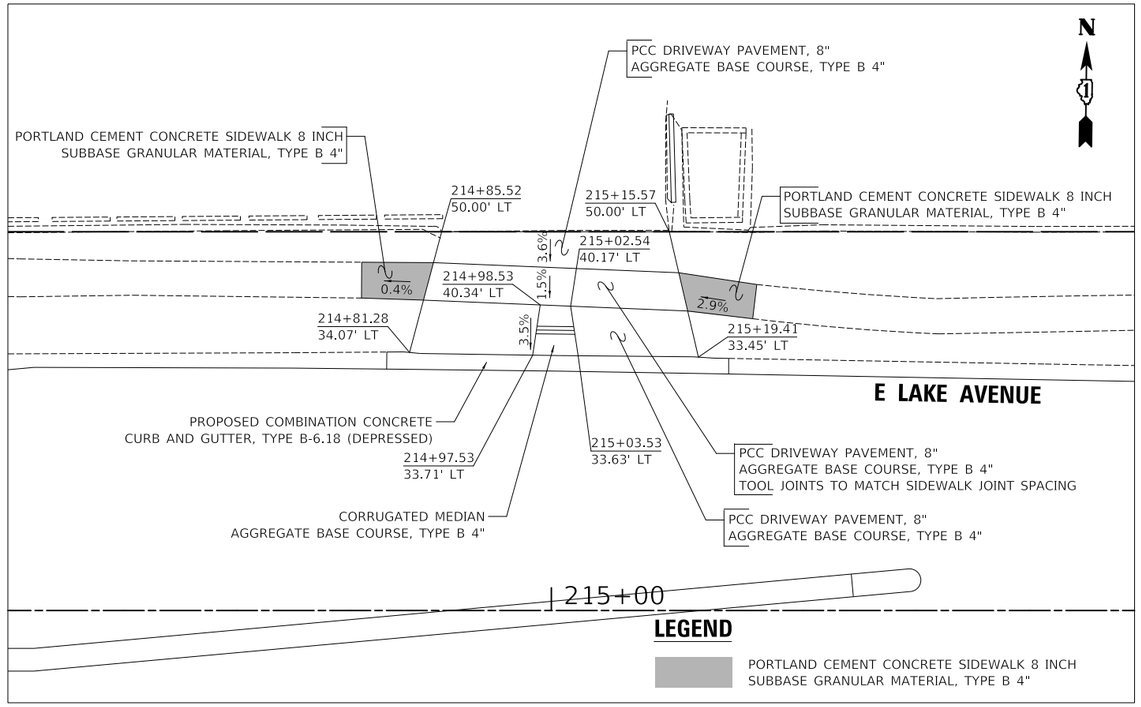
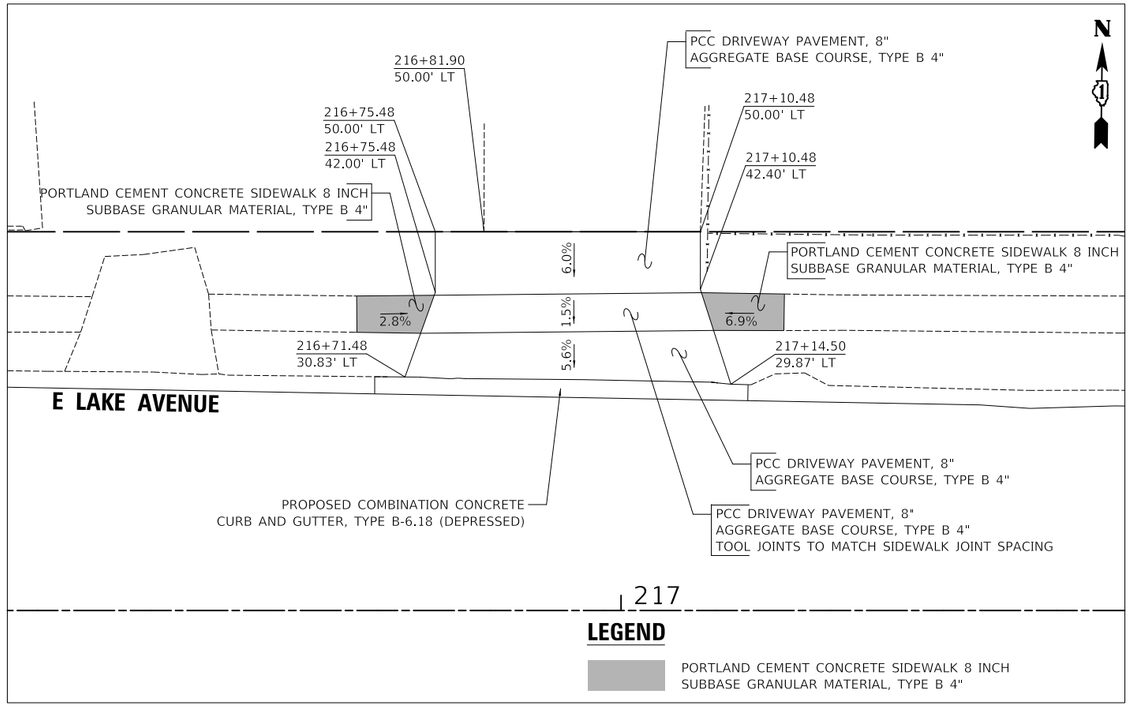
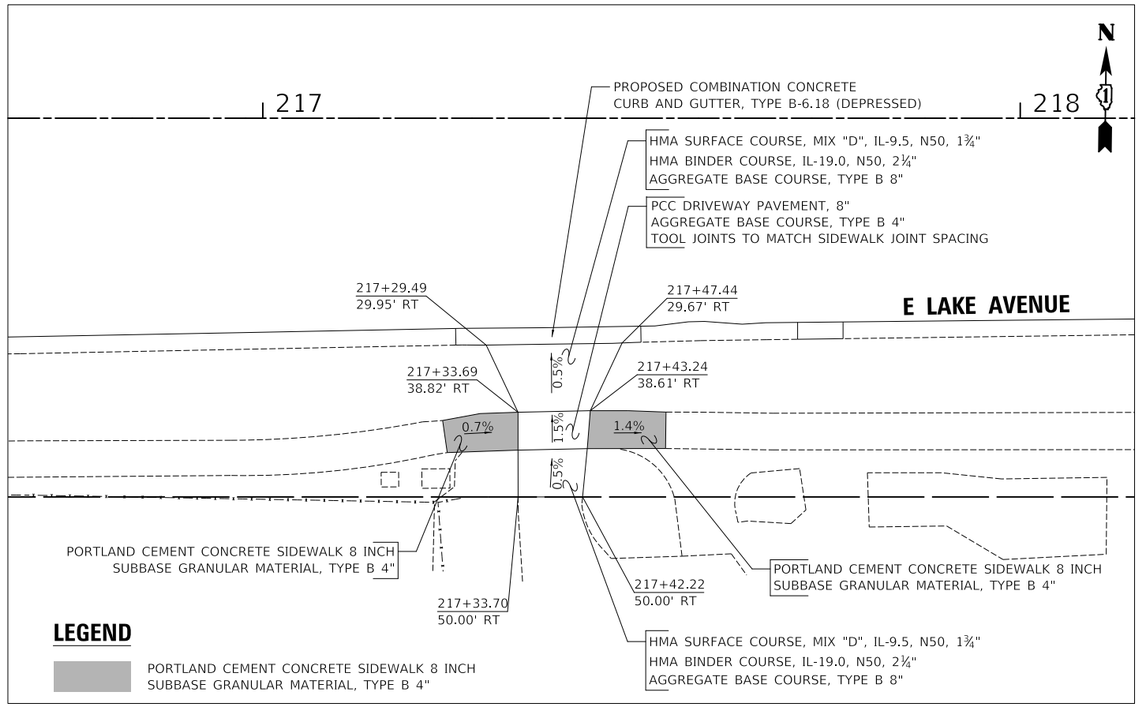
ENTRANCE DETAILS

SHEET 2 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	163
		CONTRACT NO. 61K82		
	ILLINOIS			







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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE
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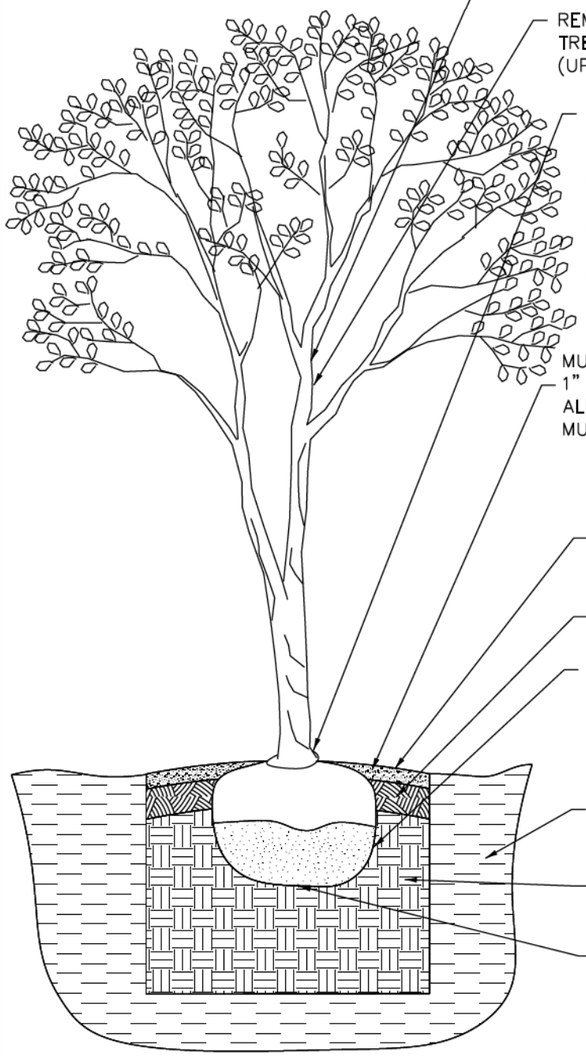
ENTRANCE DETAILS

SHEET 3 OF 3 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	164
		CONTRACT NO. 61K82		
	ILLINOIS			

G-5



NOTES:

1. ABOVE NOTES MAY VARY BASED ON TREE SPECIES AND LOCATION.
2. ALL TREE SPECIES SELECTIONS AND LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE VILLAGE.

NOT TO SCALE

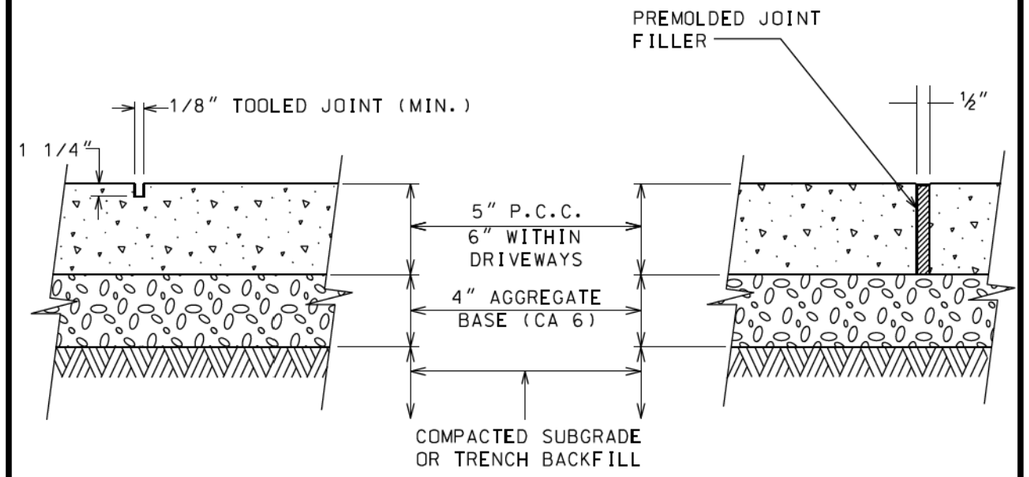
REVISED: 5-13-24

TREE PLANTING DETAIL

P-6

CONTRACTION JOINT DETAIL

EXPANSION JOINT DETAIL



NOTES:

1. UNLESS OTHERWISE NOTED ON PLANS, CONTRACTION JOINTS TO BE AT 5'-0" O.C.
2. EXPANSION JOINTS TO BE 50'-0" O.C. MAX. OR AT BACK OF CURB, CHANGE OF DIRECTION, OTHER WALK, UTILITY APPURTENANCE, OR FACE OF STRUCTURE.
3. PORTLAND CEMENT CONCRETE SHALL CONFORM TO IDOT CLASS SI.
4. PROVIDE A BROOM FINISH FOR CONCRETE SURFACES.
5. REPLACEMENT IS REQUIRED TO THE NEAREST JOINT.

SIDEWALKS SPANNING UTILITY TRENCHES SHALL BE CONSTRUCTED WITH TWO (2) NO. 4 REINFORCEMENT BARS WHICH EXTEND FIVE (5) FEET BEYOND THE UTILITY TRENCH WALLS.

NOT TO SCALE

REVISED: 5-13-24

CONCRETE SIDEWALK DETAIL

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, E.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SHEET 1 OF 11 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	165
		CONTRACT NO. 61K82		
	ILLINOIS			

PLAN | SURVEYED | PLOTTED | CROSS CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

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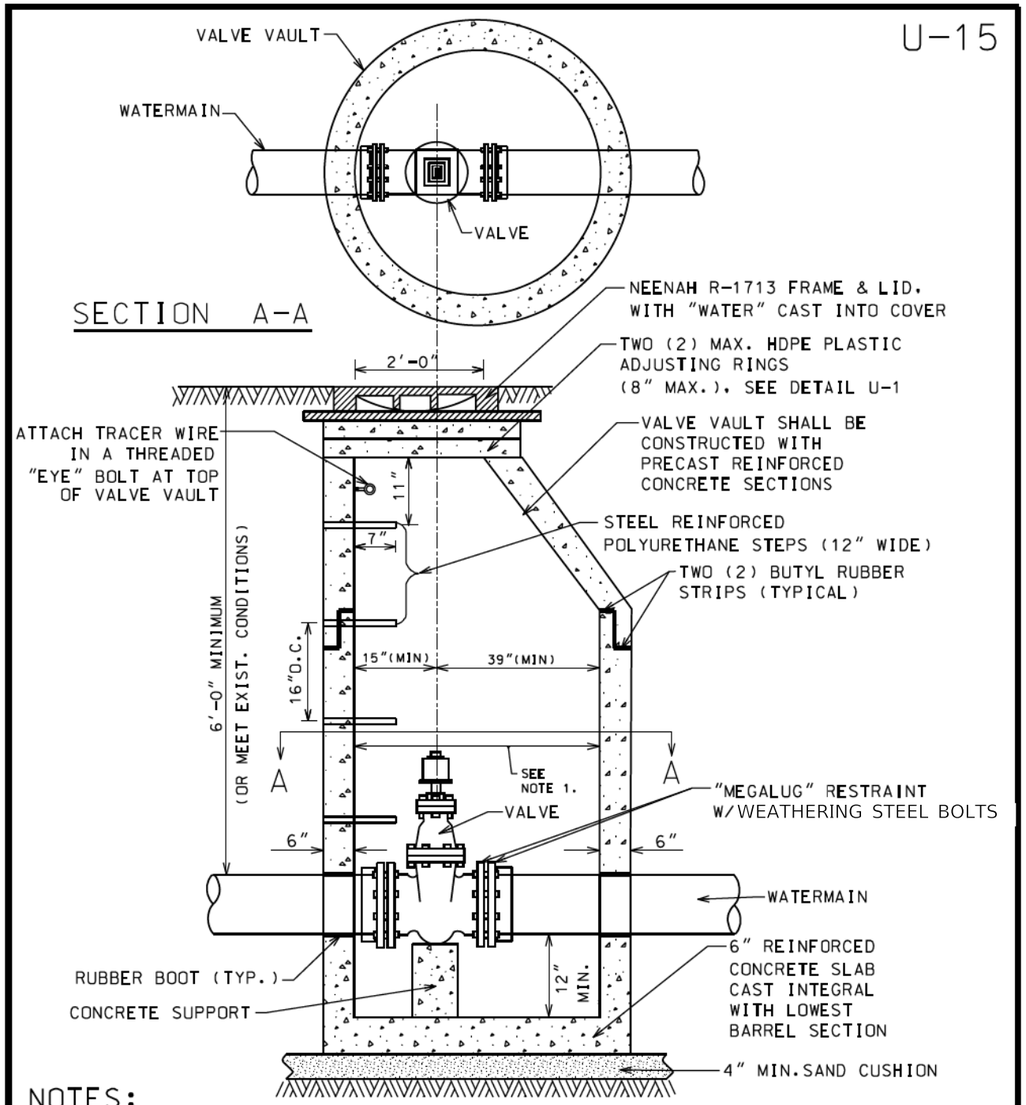


NOTES:

1. 60" (MIN) INSIDE DIA. FOR ALL VALVE VAULTS.
2. VALVE VAULT MUST CONFORM TO ASTM C-478.
3. USE ECCENTRIC CONE ONLY.
4. VAULT SECTIONS TO BE TONGUE AND GROOVED.
5. NON-PRECAST OPENINGS SHALL BE CORED, RUBBER BOOTED, AND MORTORED.*
6. BACKFILL MATERIAL SHALL BE IDOT CRUSHED CA 7 STONE.
7. a) MECHANICAL JOINT BOLTS & NUTS SHALL BE COMPOSED OF CORE-TEN.
   b) ALL OTHER HEXAGONAL BOLTS & NUTS SHALL BE COMPOSED OF STAINLESS STEEL.
8. TRACER WIRE SHALL BE USED ON ALL PIPE INSTALLATIONS, REGARDLESS OF PIPE MATERIAL.
9. ACCEPTABLE MANUFACTURER INCLUDES MUELLER, CLOW, WATEROUS, OR U.S. PIPE.
10. TRACER WIRE USED MUST BE SECURELY ATTACHED TO VALVE VAULT CONE AND LOOPED DIRECTLY UNDER VALVE VAULT LID.

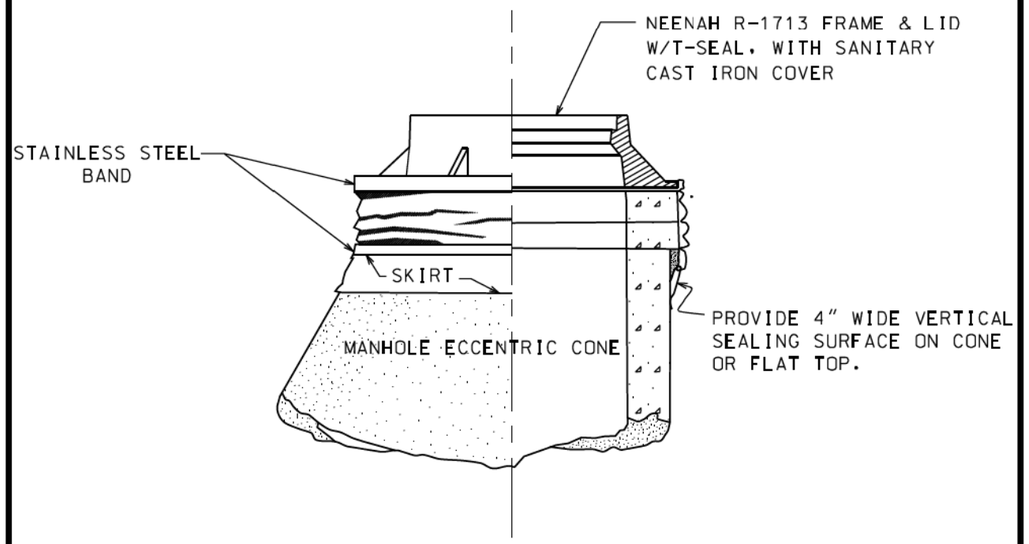
* SEE PIPE CONNECTION TO STRUCTURE DETAIL U-5.

NOT TO SCALE

VALVE VAULT DETAIL

REVISED: 5-13-24

U-2



INTERNAL CHIMNEY SEALS TO SPAN CHIMNEY HEIGHTS OF:	
0 - 4½"	CHIMNEY SEAL ONLY
4½" TO 9"	SEAL + 7" EXTENSION
9" TO 12"	SEAL + 10" EXTENSION
OVER 12"	SEAL + MULTI. EXTENSIONS

EXTERNAL CHIMNEY SEALS TO SPAN CHIMNEY HEIGHTS OF:	
0 - 3"	NARROW (6") SEAL ONLY
3 TO 6½"	STANDARD (9") SEAL ONLY
6½" TO 12"	STD. SEAL + EXTENSION
OVER 12"	SEAL + MULTI. EXTENSIONS

NOTE:

1. CHIMNEY SEALS SHALL BE INSTALLED ON ALL SANITARY SEWER
2. "CRETEX" EXTERNAL/INTERNAL SEALS ARE REQUIRED.
3. IF INTERNAL SEALS ARE USED, THE STRUCTURE, INCLUDING ADJUSTMENT RINGS, MUST BE INSPECTED BY VILLAGE
4. CHIMNEY SEALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

NOT TO SCALE

CHIMNEY SEAL DETAIL

REVISED: 5-13-24

MODEL: SMODELNAMES
FILE NAME: ...\3681_Details

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CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

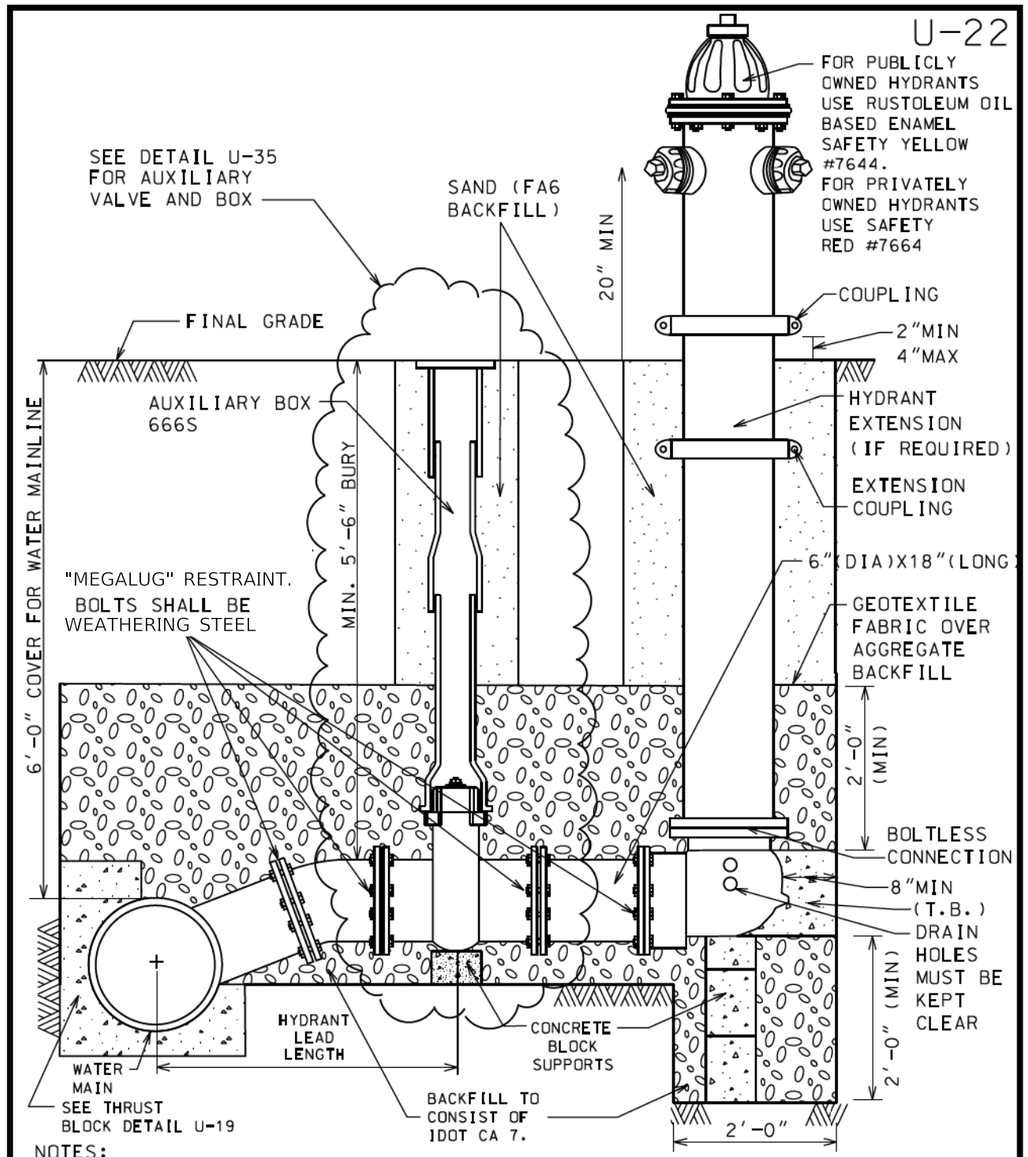
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SHEET 2 OF 11 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	166
		CONTRACT NO. 61K82		
ILLINOIS				

U-22



NOTES:

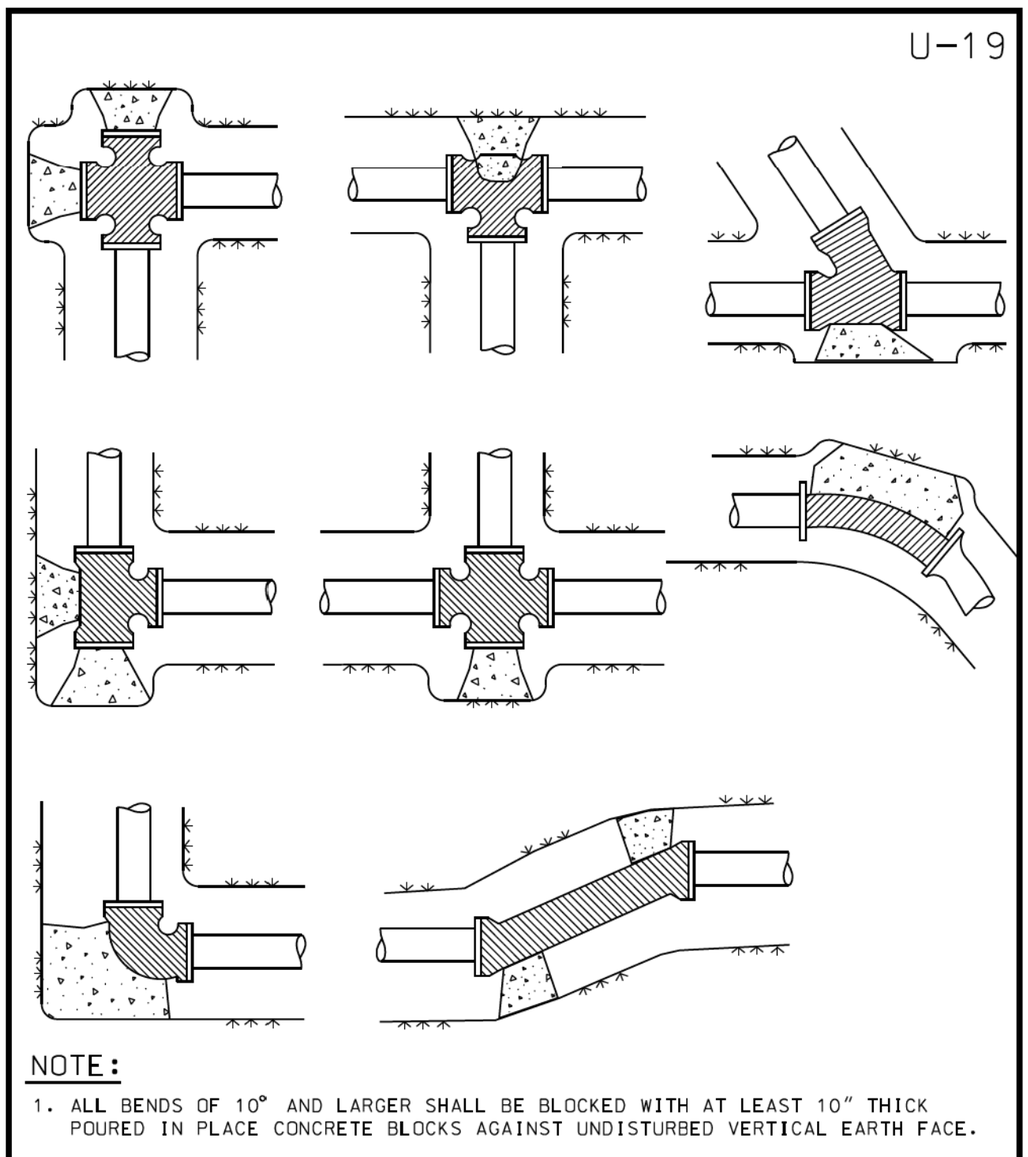
1. MUELLER SUPER CENTURION 200 A-425 HYDRANT OR CLOW F-2545 HYDRANT.
2. ALL HYDRANTS TO HAVE TWO 4½" PUMPER NOZZLES. N.S.T..AT 90 DEGREES SPREAD BETWEEN NOZZLES.
3. MECHANICAL JOINT SHOE WITH 6" RESILIENT WEDGE AUXILIARY VALVE.
4. MAIN VALVE OPENING SHALL BE 5¼".
5. HYDRANT BARREL SHALL BE ONE PIECE DUCTILE IRON PIPE. POLY-WRAPPED (AS WATER MAIN) TO HYDRANT BASE.
6. HYDRANT LEADS TO BE DUCTILE IRON PIPE. 6" DIAMETER UP TO 25' LONG, AND 8" DIAMETER IF GREATER THAN 25'.
7. A MAGNETIZED TRACER BOX SHALL BE INSTALLED AT EACH NEW FIRE HYDRANT. LOCATE THE BOX BEHIND THE FIRE HYDRANT AWAY FROM THE FLOW OF WATER. WITHIN TWO FEET OF THE HYDRANT BARREL.

NOT TO SCALE

REVISED: 5-13-24

HYDRANT DETAIL

U-19



NOTE:

1. ALL BENDS OF 10° AND LARGER SHALL BE BLOCKED WITH AT LEAST 10" THICK POURED IN PLACE CONCRETE BLOCKS AGAINST UNDISTURBED VERTICAL EARTH FACE.
2. ALL CONCRETE TO BE MIN. 3,000 PSI.
3. IN ADDITION TO THE ABOVE THRUST BLOCKING: ALL MECHANICAL JOINTS, (BENDS OVER 10, TEES, CROSSES, VALVES AND FIRE HYDRANTS) SHALL HAVE A "MEGALUG" RESTRAINT. BOLTS SHALL BE WEATHERING STEEL.

NOT TO SCALE

REVISED: 5-13-24

THRUST BLOCK DETAIL

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681_Details

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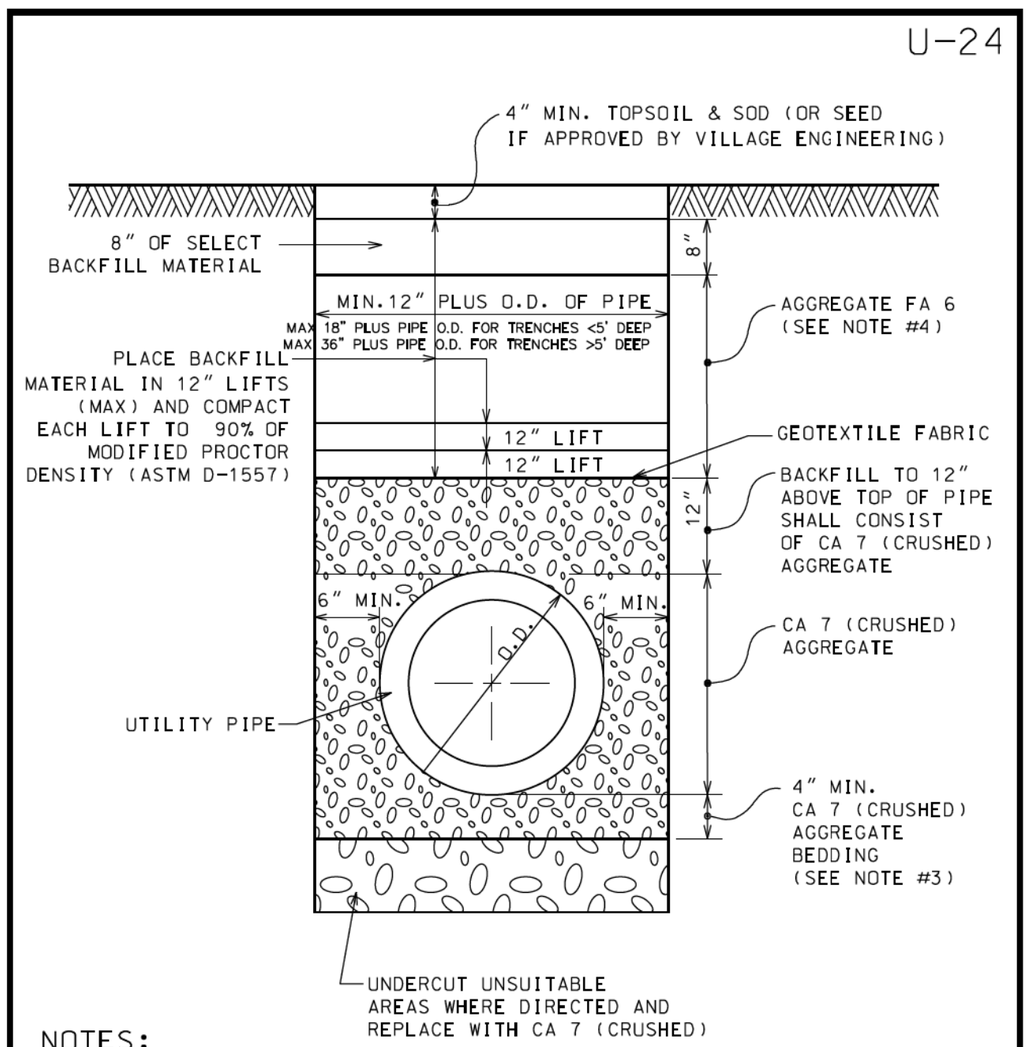
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SHEET 3 OF 11 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	167
		CONTRACT NO. 61K82		
	ILLINOIS			

U-24



NOTES:

1. ALL BACKFILL MATERIALS SHALL BE PROPERLY COMPACTED.
2. ALL TRENCH EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
3. BEDDING MATERIAL FOR PVC PIPE INSTALLATION SHALL COMPLY WITH ASTM D-2321.
4. FOR WATER MAIN TRENCHES, CRUSHED CA 7 SHALL EXTEND UP TO TWELVE (12) INCHES FROM FINISHED GRADE. WATER SERVICE TRENCHES SHALL BE BACKFILLED PER THIS DETAIL.

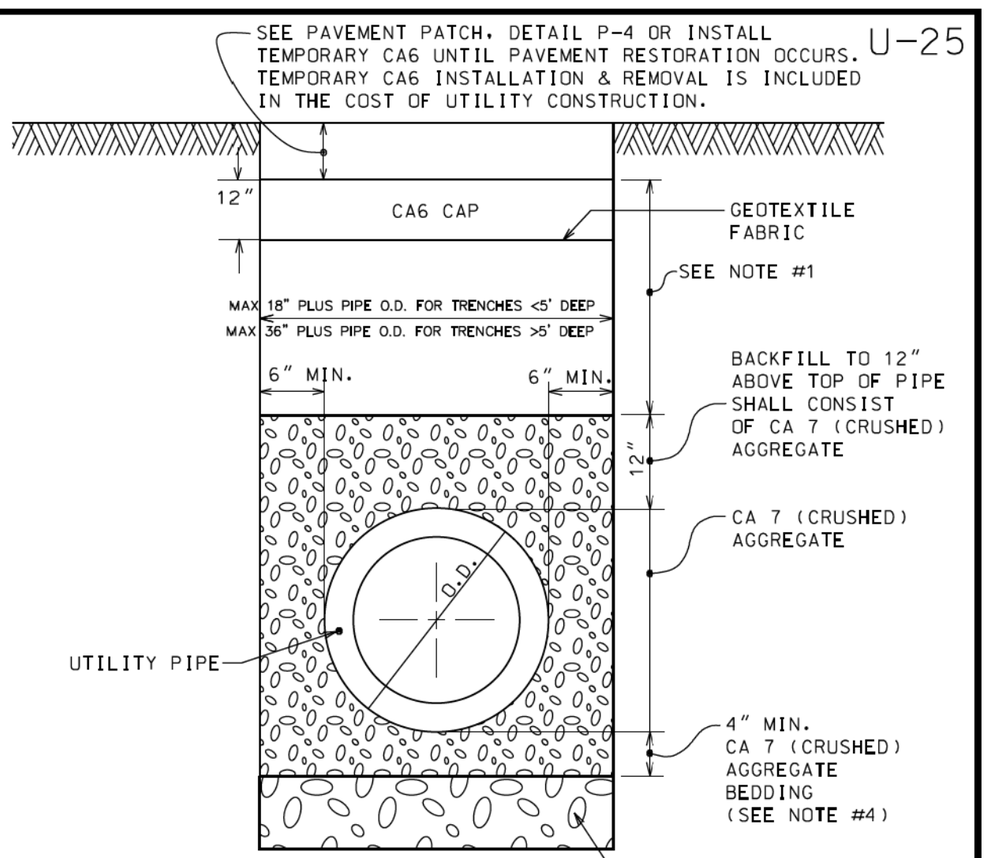
NOT TO SCALE

UTILITY TRENCH IN NON-PAVED AREAS DETAIL

REVISED: 5-13-24

THESE DETAILS SHALL ONLY APPLY TO VILLAGE OF GLENVIEW WATER MAIN INSTALLATION

U-25



NOTES:

1. TRENCH BACKFILL UNDER A PAVED SURFACE OR WITHIN THE ZONE OF INFLUENCE (5' FROM EDGE OF PAVEMENT OR 5' FROM THE BACK OF CURB ON CURBED STREETS) SHALL CONSIST OF:
   a) UNDER NEW PAVEMENT:
      12" THICK PAVEMENT SUBGRADE (AGGREGATE CA 6 CAP) OVER AGGREGATE CA 7 (CRUSHED) TRENCH BACKFILL OR CONTROLLED LOW STRENGTH MATERIAL (CLSM) MIX 1 (ONLY IF REQUIRED BY VILLAGE ENGINEERING)
   b) UNDER EXISTING PAVEMENT:
      SAME AS 'a' ABOVE
   c) UNDER PRIVATELY OWNED PAVEMENT:
      SAME AS 'a' ABOVE.
2. ALL MATERIALS SHALL BE PROPERLY COMPACTED PER SPECIFICATIONS (INUNDATION OR WATER JETTING IS NOT ALLOWED).
3. ALL TRENCH EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
4. BEDDING MATERIAL FOR PVC PIPE INSTALLATION SHALL COMPLY WITH ASTM D-2321.
5. IF APPROVED BY VILLAGE ENGINEERING, A ONE (1) INCH THICK STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY CONTRACTOR UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND PROVIDED WITH BITUMINOUS RAMPS IF REQUIRED BY VILLAGE ENGINEERING.
6. PRIOR TO PLACEMENT OF PAVEMENT MATERIALS, THE EXISTING EXPOSED EDGES SHALL BE SAWCUT TO PROVIDE A SMOOTH CLEAN EDGE, FREE OF LOOSE MATERIAL.
7. THE PLACEMENT OF PAVEMENTS SHALL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY VILLAGE ENGINEERING.

NOT TO SCALE

UTILITY TRENCH IN PAVEMENT AREAS DETAIL

REVISED: 5-13-24

THESE DETAILS SHALL ONLY APPLY TO VILLAGE OF GLENVIEW WATER MAIN INSTALLATION

PLAN: SURVEYED, PLOTTED, ASBUILT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, ASBUILT CHECKED, E.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: \$MODELNAME\$
FILE NAME: ...\3681_Details

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DRAWN	JFG	REVISED	-
CHECKED	DJK	REVISED	-
DATE	7/13/2026	REVISED	-

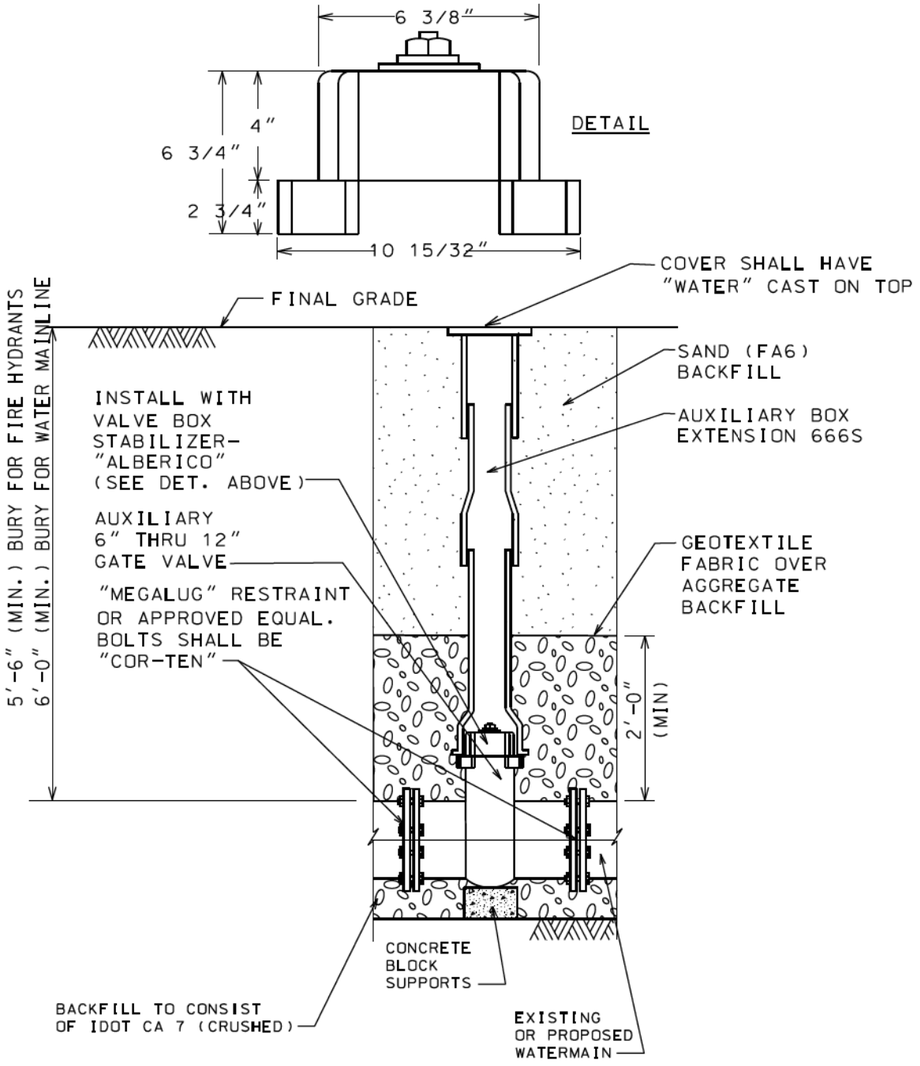
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SHEET 4 OF 11 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	168
		CONTRACT NO. 61K82		
	ILLINOIS			

U-35



NOTES:

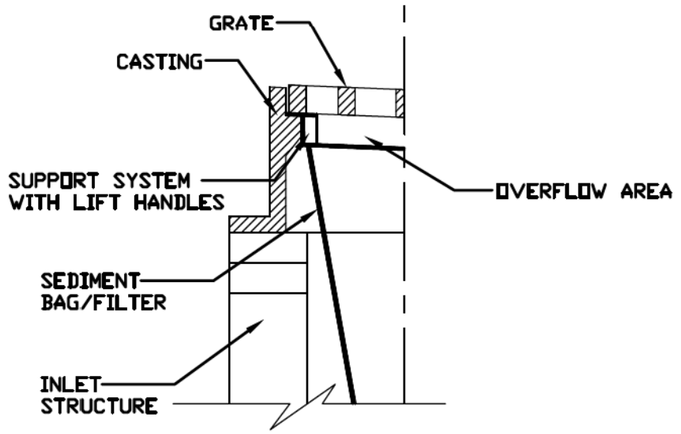
1. ONLY AUXILIARY BOX EXTENSIONS ARE PERMITTED. NO ADAPTERS OR RISERS.
2. ALL PARTS OF AUXILIARY BOX INCLUDING THE COVER, SHALL BE CAST IRON.

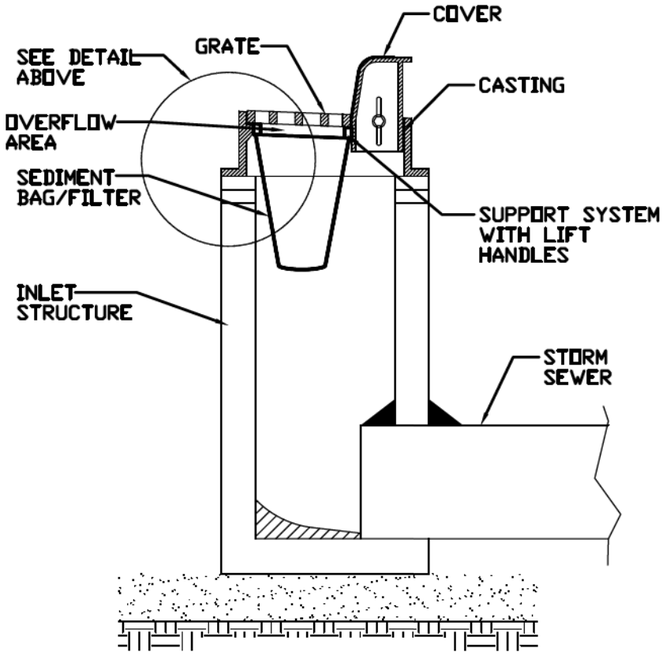
NOT TO SCALE

REVISED: 5-13-24

AUXILIARY BOX & VALVE DETAIL

INLET PROTECTION - PAVED AREAS
DROP-IN PROTECTION





REFERENCE
Project
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____

STANDARD DWG. NO.
IUM-561D
SHEET 1 OF 1
DATE 01-11-11

PLAN: SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, BY, DATE; NOTE BOOK, NO.

PROFILE: SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, BY, DATE; NOTE BOOK, NO.

MODEL: SMODELNAMES
FILE NAME: ...\3881_Details

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DATE - 7/13/2026		REVISED -

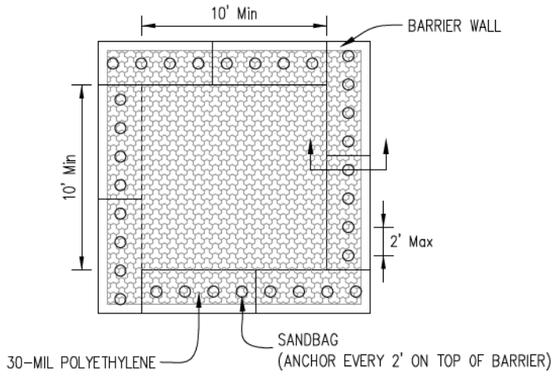
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

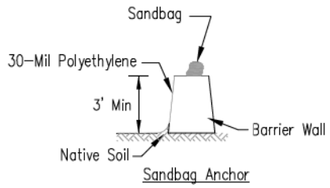
SHEET 5 OF 11 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	169
		CONTRACT NO. 61K82		
	ILLINOIS			

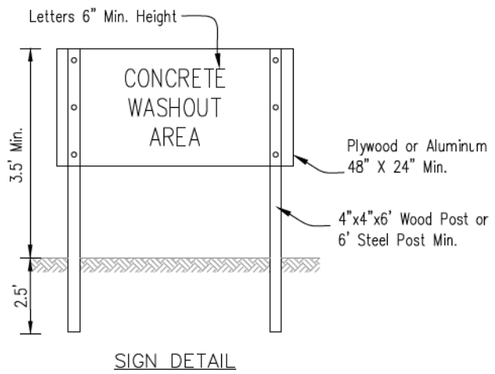
AUTOCAD2006



PLAN VIEW



BARRIER WALL ANCHOR SECTION



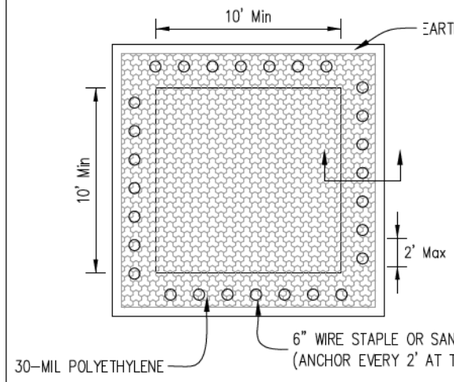
SIGN DETAIL

NOTES:

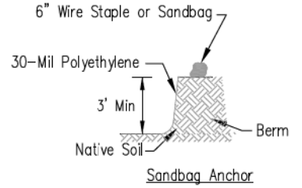
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

Sheet 3 of 3	Drawing No.	File No.	TEMPORARY CONCRETE WASHOUT FACILITY – BARRIER WALL	Date
		IUM-6549W	Designed	
			Drawn B. JOHNSON	6/08
			Checked	
			Approved	

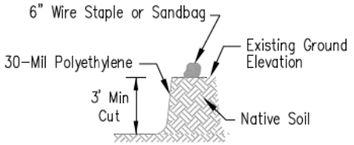
AUTOCAD2006



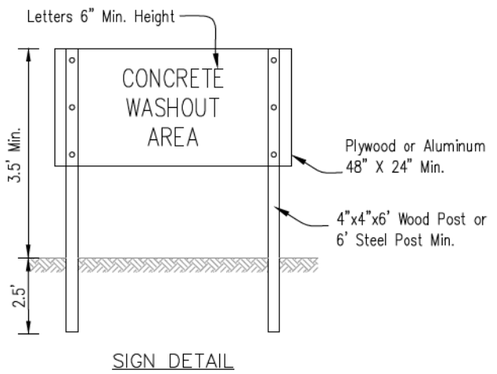
PLAN VIEW



EARTHEN BERM ANCHOR SECTIONS



SUBGRADE ANCHOR SECTIONS



SIGN DETAIL

NOTES:

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

Sheet 2 of 3	Drawing No.	File No.	TEMPORARY CONCRETE WASHOUT FACILITY – EARTHEN TYPE	Date
		IUM-6549-I	Designed	
			Drawn B. JOHNSON	6/08
			Checked	
			Approved	

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, BY, DATE, NOTE BOOK, NO.

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, BY, DATE, NOTE BOOK, NO.

MODEL: SMODELNAMES
FILE NAME: ...\3681_Details

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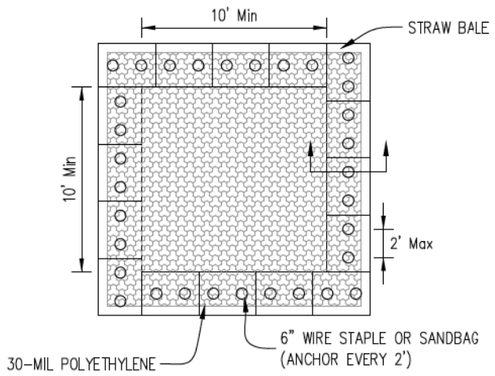
CONSTRUCTION DETAILS

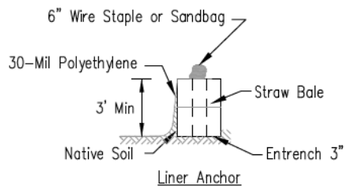
SHEET 6 OF 11 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	170
		CONTRACT NO. 61K82		
	ILLINOIS			

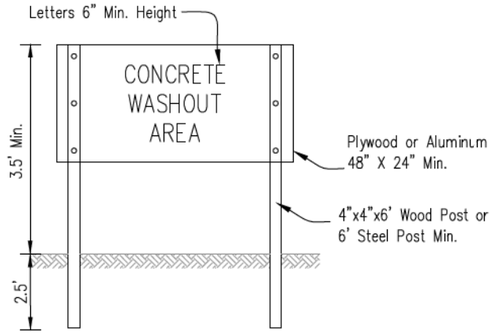
AUTOCAD2006



PLAN VIEW



STRAW BALE ANCHOR SECTIONS

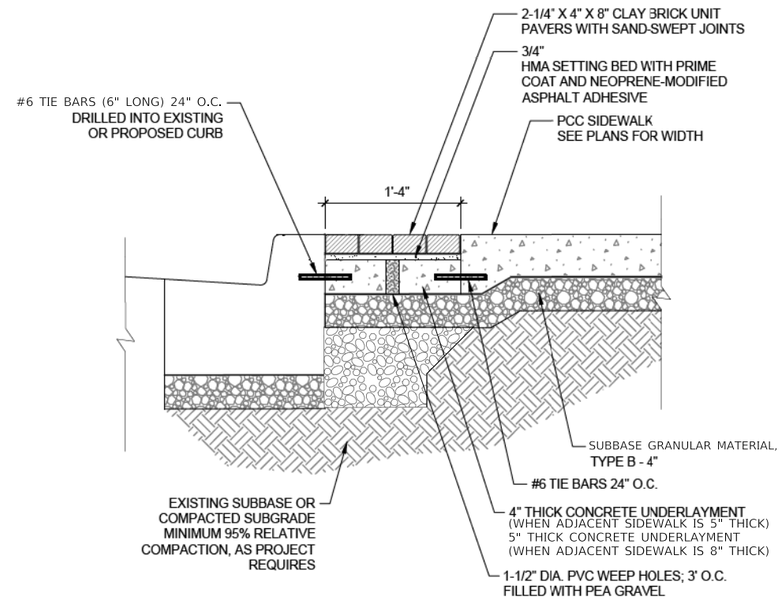


SIGN DETAIL

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

Sheet 1 of 3	Drawing No.	File No.	TEMPORARY CONCRETE WASHOUT FACILITY – STRAW BALE	Date
	IDM-65458		Designed	
			Drawn B. JOHNSON	6/08
			Checked	
			Approved	



X BRICK PAVERS AT CURB WITH PCC SIDEWALK 5"

1" = 1'-0" 321416-01

PLAN | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681_Details

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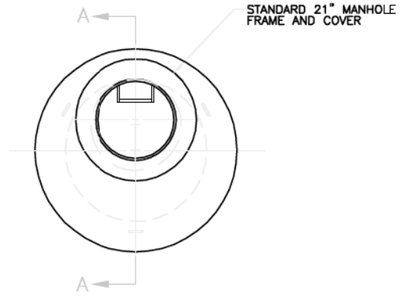
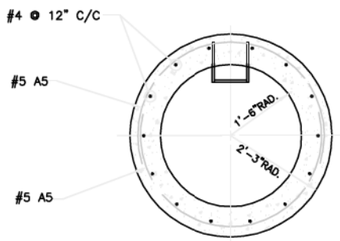
CONSTRUCTION DETAILS

SHEET 7 OF 11 SHEETS

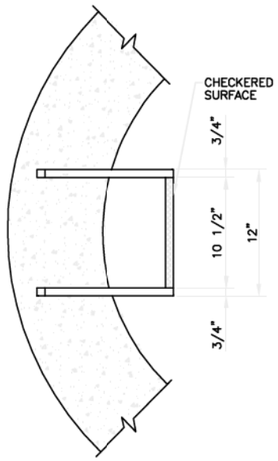
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	171
		CONTRACT NO. 61K82		
	ILLINOIS			



PLAN



SECTIONAL PLAN



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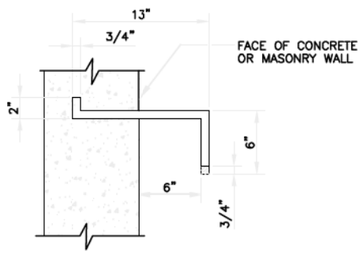
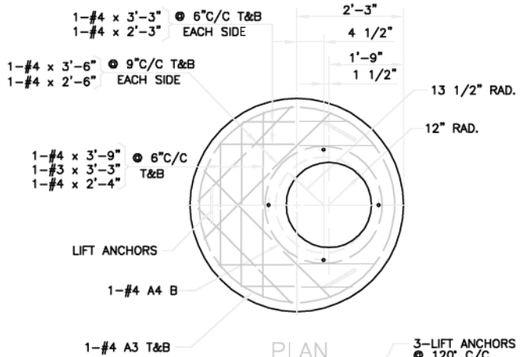


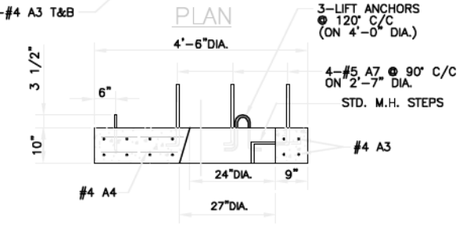
ELEVATION
MANHOLE STEPS
NOT TO SCALE

MATERIAL:

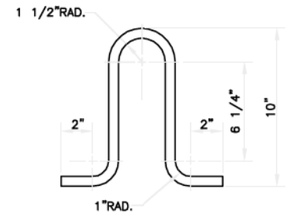
DUCTILE IRON GRADE 65-45-12
FULLY ANNEALED CONFORMING
TO ASTM SPECIFICATIONS



PLAN

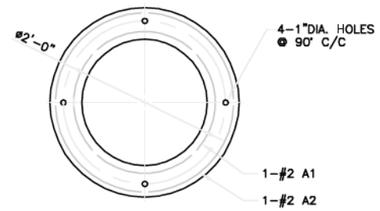


SECTION
PRECAST TOP SLAB DETAIL
NOT TO SCALE

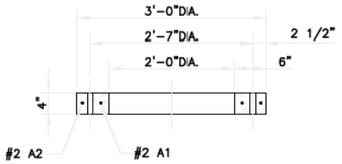


LIFT ANCHOR DETAIL
NOT TO SCALE

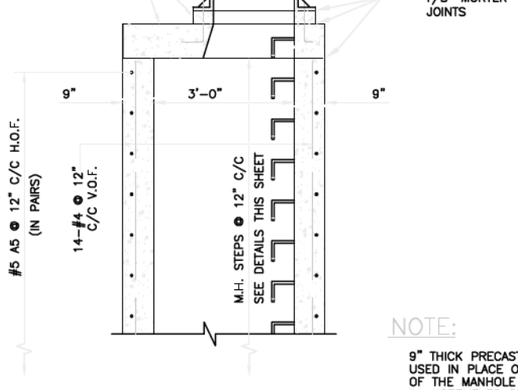
MATERIAL:
5/8" DIA. x 2'-3"A-36 STEEL
ROD GALVANIZED AFTER FABRICATION



PLAN



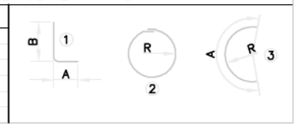
SECTION
PRECAST ADJUSTMENT RING DETAIL
NOT TO SCALE



SECTION "A-A"
STANDARD MANHOLE BARREL
NOT TO SCALE

RE-BAR BENDING DETAILS

MARK	SIZE	LENGTH	TYPE	A	B	R
A1	#2	7'-6"	2	-	-	13 1/2"
A2	#2	9'-6"	2	-	-	17"
A3	#4	13'-6"	2	-	-	24"
A4	#4	9'-3"	2	-	-	16 1/2"
A5	#5	7'-10"	3	8'-9"	-	27 1/2"
A7	#5	2'-0"	1	6"	1'-6"	-



NOTE:

9" THICK PRECAST CONCRETE RINGS WITH CAST IN PLACE RUNGS MAY BE USED IN PLACE OF CAST IN PLACE CONCRETE WHEN EXTENDING THE HEIGHT OF THE MANHOLE BARREL. ALL EXTENSION SHALL BE IN ONE PIECE AND IN INCREMENTS OF 12".

ALL JOINTS SHALL BE CLEANED, SQUARED AND GROUTED IN A MANNER TO PRECLUDE POSSIBILITY OF LEAKS AT JOINT.

THE PRECAST TOP SLAB SHALL BE REMOVED AND REPLACED AS REQUIRED.

ALL ELEMENTS OF THE MANHOLE DISTURBED OR DAMAGED DURING ALTERATION SHALL BE CORRECTED OR REPLACED TO MEET THE STANDARD HEREIN SHOWN AND SPECIFIED.

ALL CONCRETE SHALL BE CLASS "RA".

ALL GROUT SHALL BE 1 PART CEMENT TO 3 PARTS SAND WITH MINIMUM WATER TO ACHIEVE A STIFF PLASTIC CONSISTANCY WITH ZERO SLUMP.

ALL WORKMANSHIP AND MATERIALS NOT SPECIFIED SHALL BE AS PER STANDARD PREPRINTED MWRDGC SPECIFICATIONS TITLED:
GENERAL SPECIFICATIONS - CONSTRUCTION CONTRACTS
GENERAL SPECIFICATIONS - SEWERS
GENERAL SPECIFICATIONS - CONCRETE

PROCEDURE:

A) TO RAISE ELEVATION 0" TO 8" MAX., ADD 4" THICK ADJUSTMENT RINGS AS DETAILED. INCREMENTS OF LESS THAN 4" SHALL BE OBTAINED BY HAND PACKING A DRY CEMENT GROUT OVER 100% OF THE BEARING AREA.

B) TO RAISE ELEVATION OVER 8" AND LESS THAN 12", REMOVE THE 4" ADJUSTMENT RING AND EXTEND THE 9" THICK MANHOLE BARREL 12" WITH CAST IN PLACE CONCRETE REINFORCED AS DETAILED AND WITH LADDER RUNG AS DETAILED. TOP OF EXISTING CONCRETE TO BE CLEANED AND ROUGHENED AND NEW CONCRETE PLACED IN A MANNER TO INSURE BONDING AND NO LEAKAGE. FOR INCREMENTS BETWEEN 8" AND 12" PLACE GROUT FILLER AS IN (A) ABOVE.

C) TO RAISE ELEVATION 12" AND ABOVE, ADD TO 9" THICK MANHOLE BARREL ONLY IN INCREMENTS OF 12" WITH RUNGS AT 12" O.C. AS DESCRIBED IN (B). FOR INCREMENTS BETWEEN 12" ADD OR REMOVE 4" ADJUSTMENT RINGS AND GROUT FILLER AS DESCRIBED IN (A) AND (B).

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by:	XX	Engineer of Collection Facilities
Checked by:	XX	
Drawn by:	SDO	Approved: Assistant Director of Engineering
Traced by:	XX	Scale: AS NOTED

STANDARD
NO. 8-122
PROCEDURE FOR ADJUSTING
ELEVATION OF EXISTING
36" DIA. STANDARD MANHOLES

Sheet Number: X-X
Page Number: XX

PLAN
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NOTE BOOK
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BY
DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME

PROFILE
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DRAWN - JFG		REVISED -
CHECKED - DJK		REVISED -
DATE - 7/13/2026		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

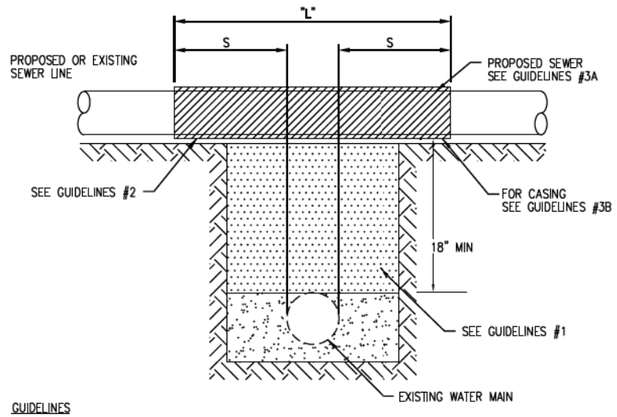
CONSTRUCTION DETAILS

SHEET 8 OF 11 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	172
		CONTRACT NO. 61K82		
	ILLINOIS			

PROFILE | PLAN
SURVEYED | PLOTTED | DESIGN CHECKED | DRAWN | QUANTITIES CHECKED | BM. NOTED | RT. OF WAY CHECKED | STRUCTURE NO.(S) CHKD | CADD FILE NAME
NOTE BOOK | NO.
BY | DATE

PROPOSED SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION ABOVE EXISTING WATER MAIN



GUIDELINES

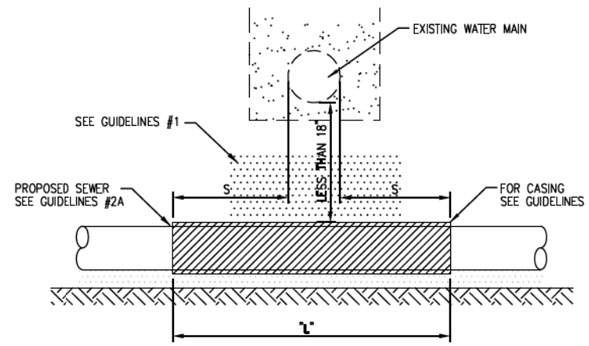
1. IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT
2. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
3. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;

   B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION



GUIDELINES

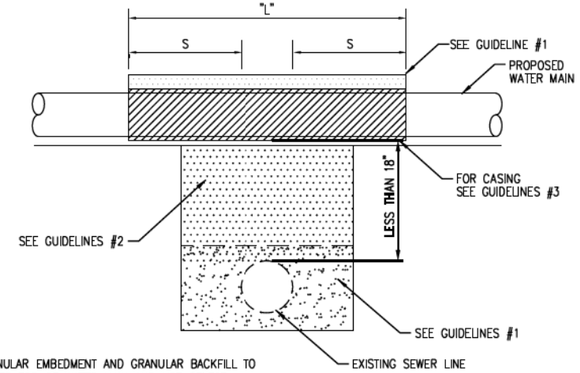
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR "S" FEET ON EACH SIDE OF WATER MAIN.
2. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;

   B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" VERTICAL SEPARATION



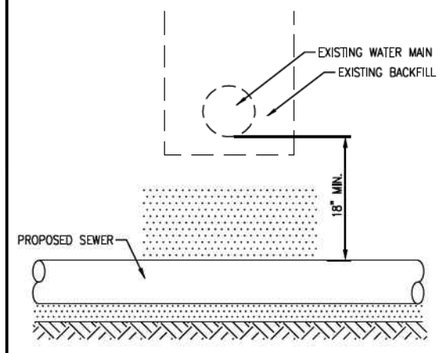
GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH 18" MINIMUM VERTICAL SEPARATION

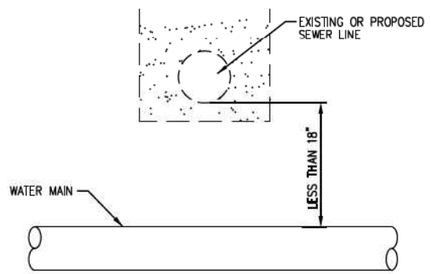


GUIDELINES

1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PLACEMENT OF WATER MAIN BELOW EXISTING OR PROPOSED SEWER LINE WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION. NOT ALLOWED.



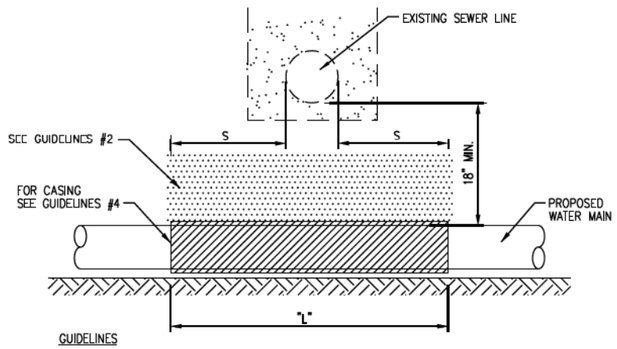
NOT ALLOWED*
MUST MAINTAIN 18" VERTICAL SEPARATION

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE

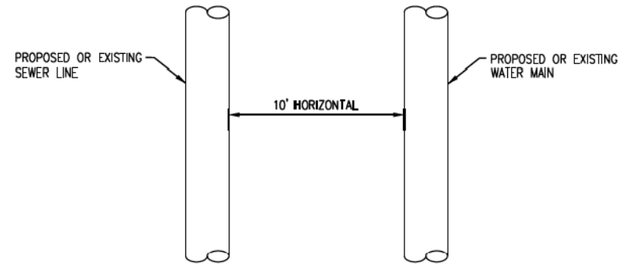
*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.



GUIDELINES

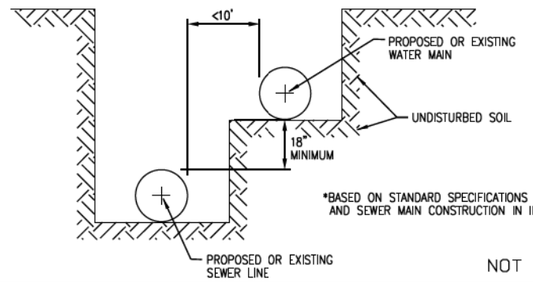
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

PER IEPA, WHEN **PROPOSED** SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED



PLAN VIEW

PER IEPA, WHEN **PROPOSED** SEWER (OR WATER) IS LOCATED **LESS THAN 10 FEET** FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY



*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

NOT TO SCALE

TECHNICAL GUIDANCE MANUAL

7/1/15

WATER AND SEWER SEPARATION REQUIREMENTS (PER IEPA)

STD. DWG. NO. 41

PAGE NO. 42

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SHEET 9 OF 11 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	173
		CONTRACT NO. 61K82		
		ILLINOIS		

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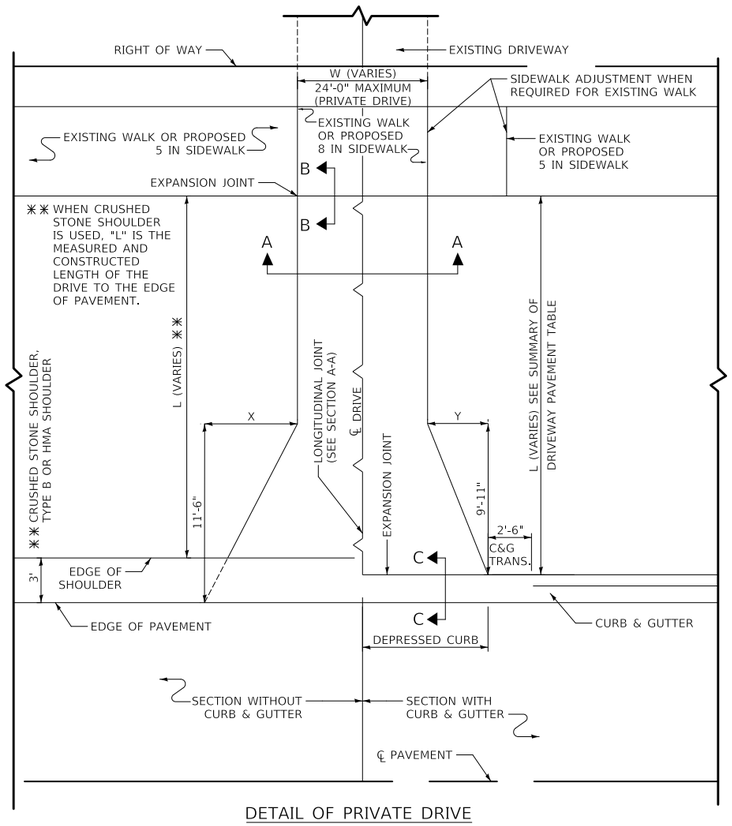
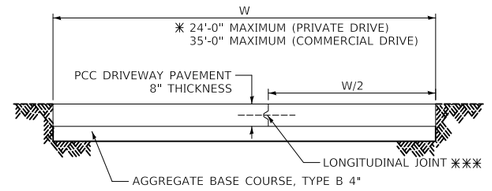
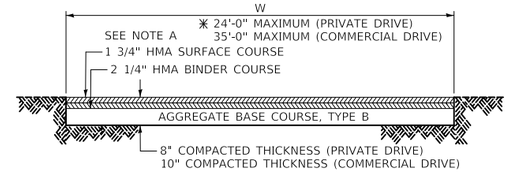


DETAIL OF PRIVATE DRIVE

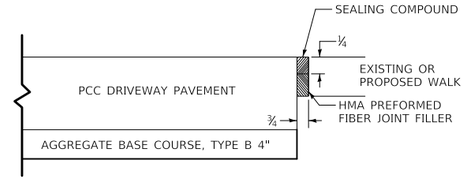


✳✳✳ WHEN 'W' IS GREATER THAN 16'-0", A LONGITUDINAL CONSTRUCTION JOINT AS DETAILED ON IDOT HIGHWAY STANDARD 420001 SHALL BE USED AS SHOWN.

SECTION A-A PCC DRIVEWAY

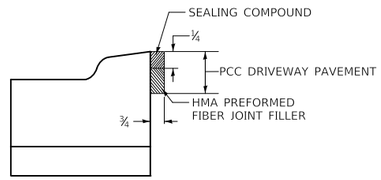


SECTION A-A HMA DRIVEWAY



SECTION B-B

THE EXPANSION JOINT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PORTLAND CEMENT CONCRETE SIDEWALK OR PER SQUARE YARD FOR PORTLAND CEMENT CONCRETE DRIVEWAY.



SECTION C-C

GUIDE FOR DRIVEWAY LENGTH

1. MEET EXISTING WALK (USE JOINT FOR PCC PAVEMENT SECTION B-B)
2. IF THERE IS NO EXISTING OR PROPOSED WALK, EXTEND TO RIGHT OF WAY LINE
3. IF THERE IS NO EXISTING WALK BUT A PROPOSED WALK IS REQUIRED, CONSTRUCT 8 INCH WALK FOR FULL DRIVEWAY WIDTH (SECTION B-B)
4. IF THERE IS A WALK ADJUSTMENT, CONSTRUCT 8" WALK FOR FULL DRIVEWAY WIDTH AND 5" WALK BEYOND.

QUANTITIES SHALL BE COMPUTED ON THE BASIS OF THE DRIVES EXTENDING TO SIDEWALK OR RIGHT OF WAY LINE AS SHOWN ON THE PLANS. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE FIELD ENGINEER TO DETERMINE THE ACTUAL LIMITS OF EACH INSTANCE.

CHART

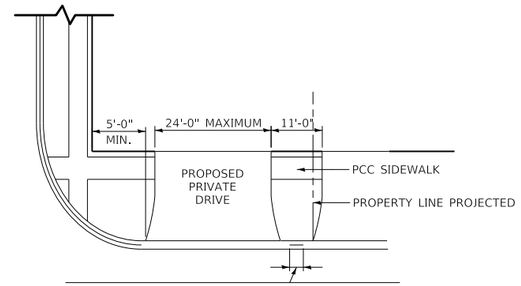
FOR DRIVEWAY WIDTH - W ✳ (FT)	X (FT)	Y (FT)
12	6.0	4.2
14 - 16	4.9	3.4
17 - 18	4.0	2.9
OVER 18	3.2	2.3

✳ PRIVATE DRIVES: 12'-0" MINIMUM, 24'-0" MAXIMUM

COMMERCIAL DRIVES: 12'-0" MINIMUM, 24'-0" MAXIMUM FOR 1-WAY OPERATION
24'-0" MINIMUM, 35'-0" MAXIMUM FOR 2-WAY OPERATION

MAXIMUM DRIVEWAY SLOPE

PROPERTY	URBAN	RURAL	RURAL (PERMIT WORK ONLY)
COMMERCIAL	6%	6%	10%
NON-COMMERCIAL	8%	8%	12%



DESIRABLE DISTANCE OF FULL CURB HEIGHT BETWEEN ADJACENT DRIVES SHALL BE 6'-0".
IT IS DESIRABLE THAT THE DRIVE RETURNS TERMINATE WITHIN THE PROPERTY LINE AS PROJECTED.

LIMITATIONS UPON PRIVATE DRIVES

AT STREET INTERSECTIONS
MAXIMUM WIDTH & MINIMUM DISTANCE
BETWEEN DRIVES

NOTE A

FOR HMA DRIVEWAYS: AS AN ALTERNATE TO THE 1 3/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-12.5 OR 9.5, N70, AND THE 2 1/4" HOT-MIX ASPHALT CONCRETE BINDER COURSE, IL-19, N70 4" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-12.5 OR 9.5 N70 MAY BE USED. IN THE EVENT THE CONTRACTOR ELECTS TO USE THIS ALTERNATE, THE ADDITIONAL 2 1/4" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-12.5 OR 9.5 N70 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT BINDER COURSE, IL-19, N70.

GENERAL NOTE:

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

SUMMARY OF DRIVEWAY PAVEMENT

STATION	"L"	"W"	SQ YD PCC DRIVEWAY PAVEMENT	SQ YD HMA DRIVEWAY PAVEMENT	STATION	"L"	"W"	SQ YD PCC DRIVEWAY PAVEMENT	SQ YD HMA DRIVEWAY PAVEMENT
204+29 RT	8.1	17.1	10	25					
212+37 LT	0.0	30.3	28	35					
213+31 RT	3.1	21.8	46	0					
213+99 LT	8.5	29.6	56	0					
215+00 LT	6.6	30.0	58	0					
216+96 LT	6.4	35.0	21	61					
217+38 RT	8.9	8.5	5	20					

MUNICIPALITY, IL
MUNICIPALITY, IL
NAME TOWNSHIP

COUNTY HIGHWAY: XXX
FISCAL YEAR: XXXX
SECTION: XX-XXXXX-XX-XX

COUNTY OF COOK
DEPARTMENT OF TRANSPORTATION AND HIGHWAYS

COMPUTED: XXX
DRAWN: XXX
CHECKED: XXX

REVISIONS	DATE
GENERAL	1/1/20

PRIVATE AND COMMERCIAL DRIVE DETAIL
COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
STANDARD C-002

^cd02

NOT TO SCALE SHEET ^cd02

PLAN
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STRUCTURE NOTATNS CHKD
NOTE BOOK
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BY
DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681_Details

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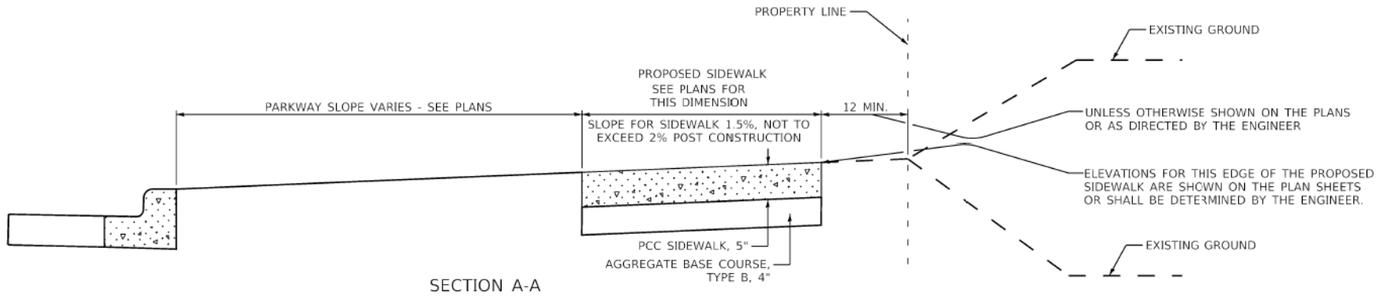
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

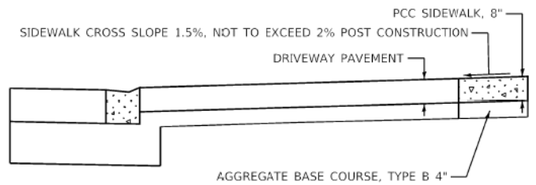
CONSTRUCTION DETAILS

SHEET 10 OF 11 SHEETS

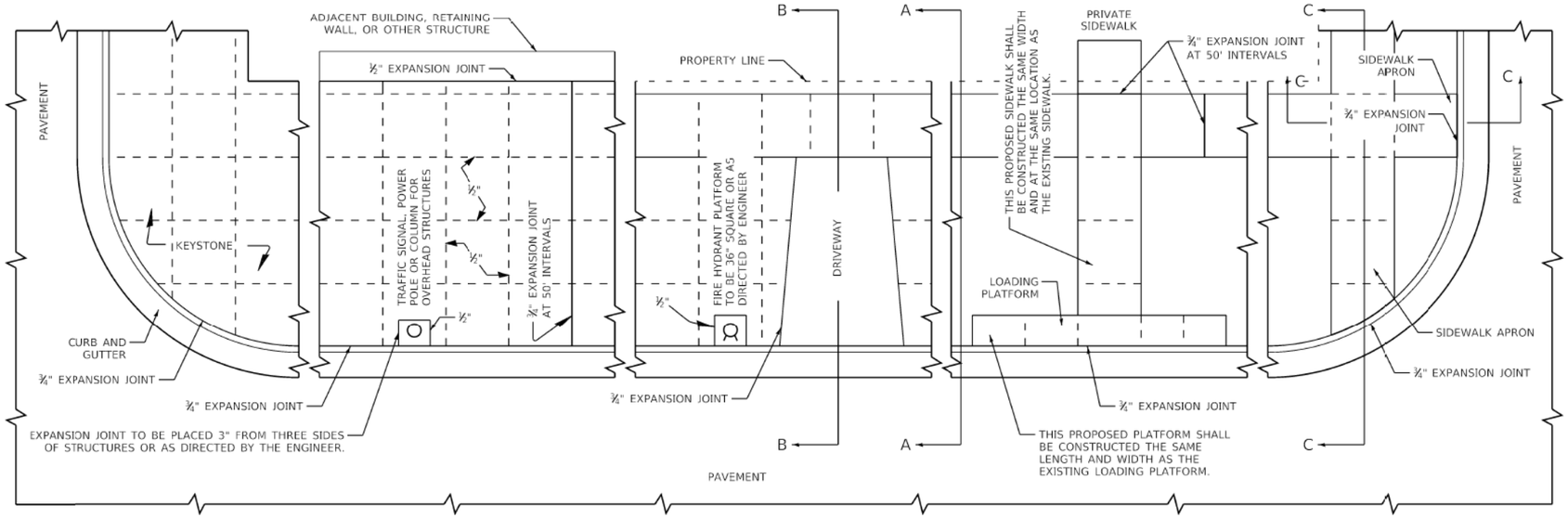
FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	174
		CONTRACT NO. 61K82		
	ILLINOIS			

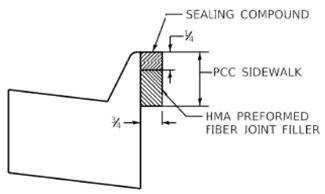


SECTION A-A

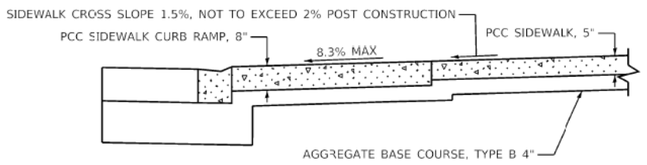


SECTION B-B





EXPANSION JOINT DETAIL



SECTION C-C

GENERAL NOTES:

ALL EXPANSION JOINTS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 424.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PORTLAND CEMENT CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

MUNICIPALITY, IL MUNICIPALITY, IL NAME TOWNSHIP	COUNTY HIGHWAY: XXX FISCAL YEAR: XXXX SECTION: XX-XXXXX-XX-XX	COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	COMPUTED: XXX DRAWN: XXX CHECKED: XXX	REVISIONS GENERAL NEW DRAWING SECTION C-C	DATE 1/1/20 11/10/22	PORTLAND CEMENT CONCRETE SIDEWALK CONSTRUCTION DETAIL COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS STANDARD C-003	C-XXX NOT TO SCALE SHEET X

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADE CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681_Details

CIVILTECH
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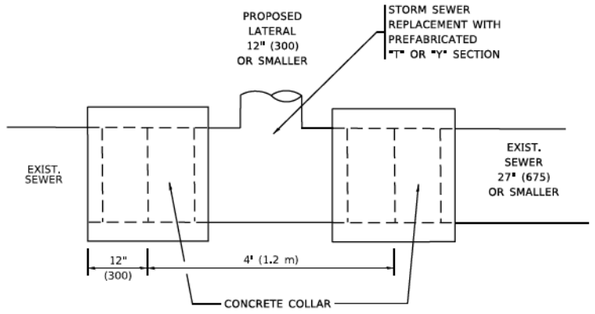
DESIGNED - KDC	REVISED -	
DRAWN - JFG	REVISED -	
CHECKED - DJK	REVISED -	
DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

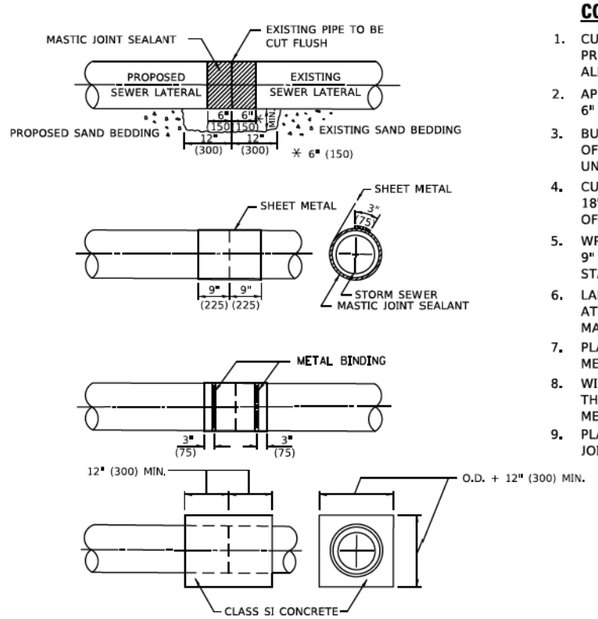
SHEET 11 OF 11 SHEETS

FAP/FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	175
		CONTRACT NO. 61K82		
	ILLINOIS			



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

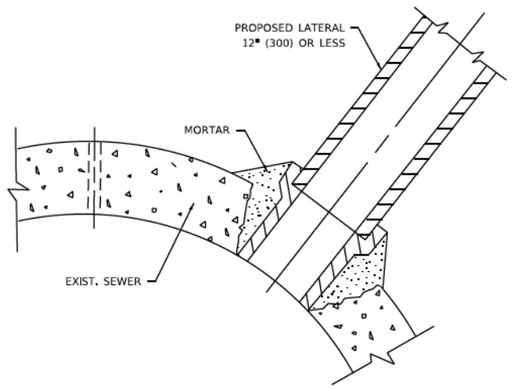


DETAIL "B"

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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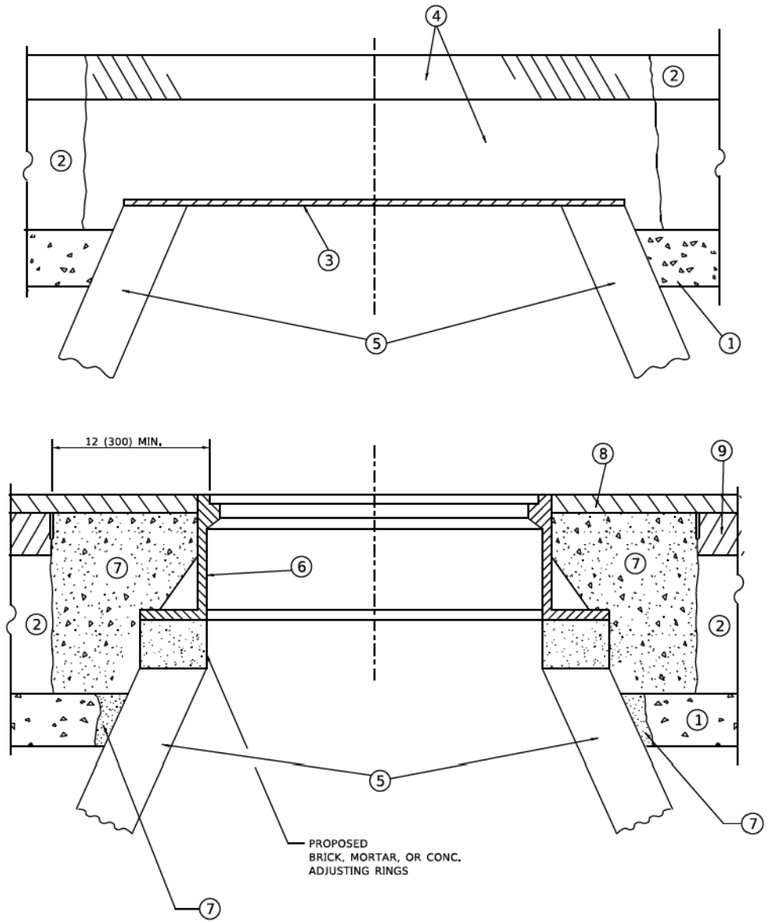
	DRAWN -	REVISED - R. SHAH 10-25-94			
PLOT SCALE = 100.0000 ' / In.	CHECKED -	REVISED - R. SHAH 06-12-96			
PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9345 1292	22-00206-00-CH	COOK	214	176
	BD500-01 (BD-07)	CONTRACT NO. 61K82		
	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

MODEL: Default
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	DRAWN -	REVISED - R. BORO 12-06-11	
PLOT SCALE = 100.0000 ' / In.	CHECKED -	REVISED - K. SMITH 11-18-22	
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS 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.
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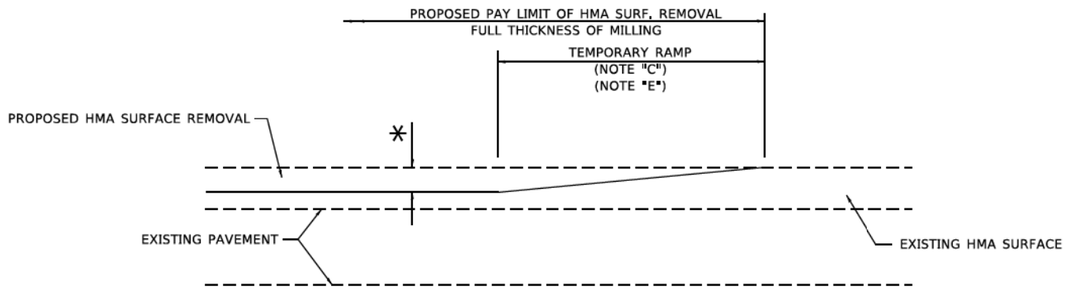
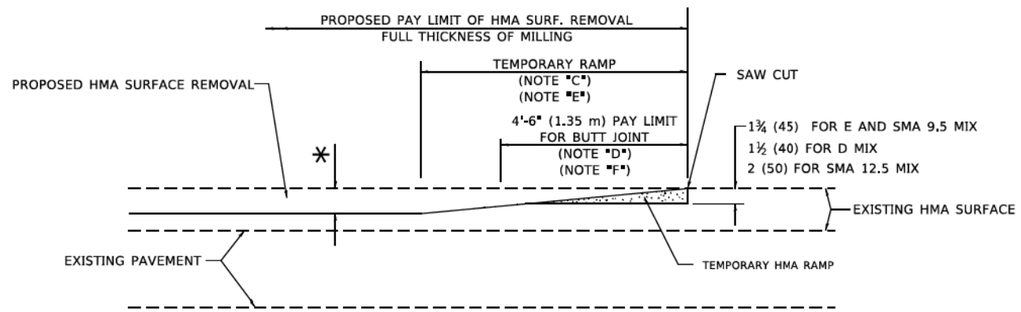
	BD600-03 (BD-08)	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

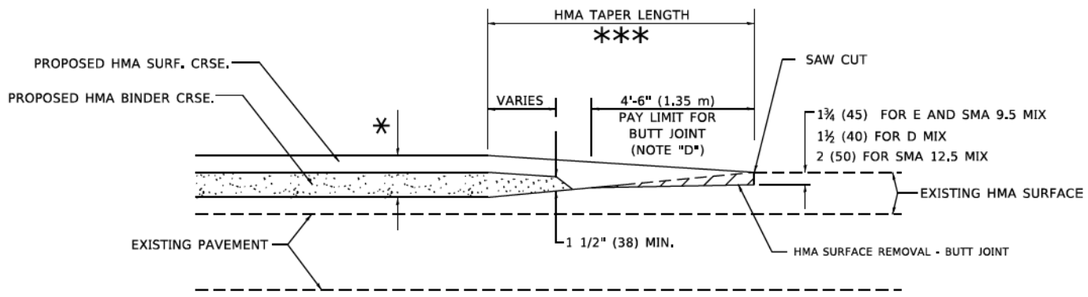


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

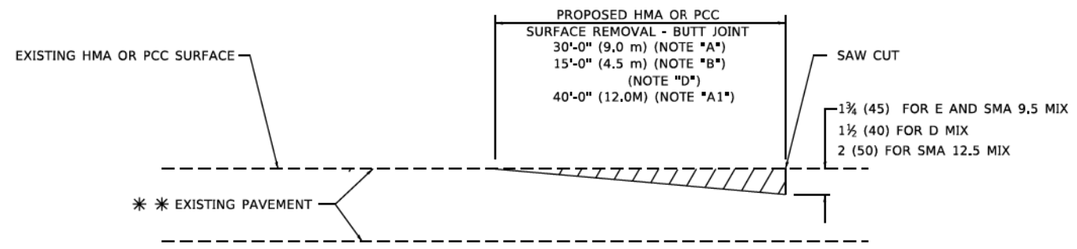
OPTION 2

TYPICAL TEMPORARY RAMP

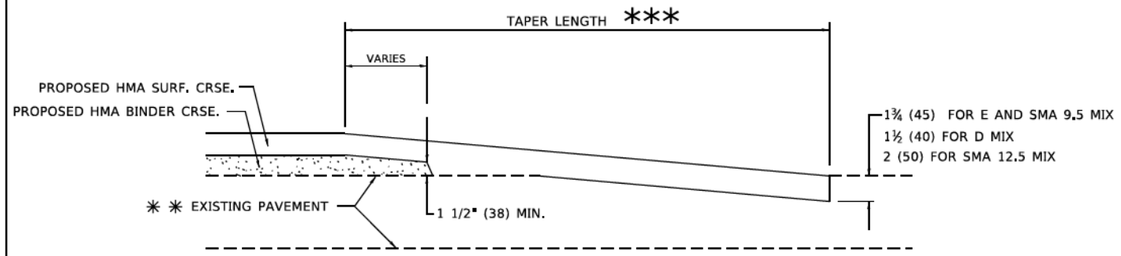


BUTT JOINT AND HMA TAPER

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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PLOT DATE = 11/18/2022	DATE - 06-13-90	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.
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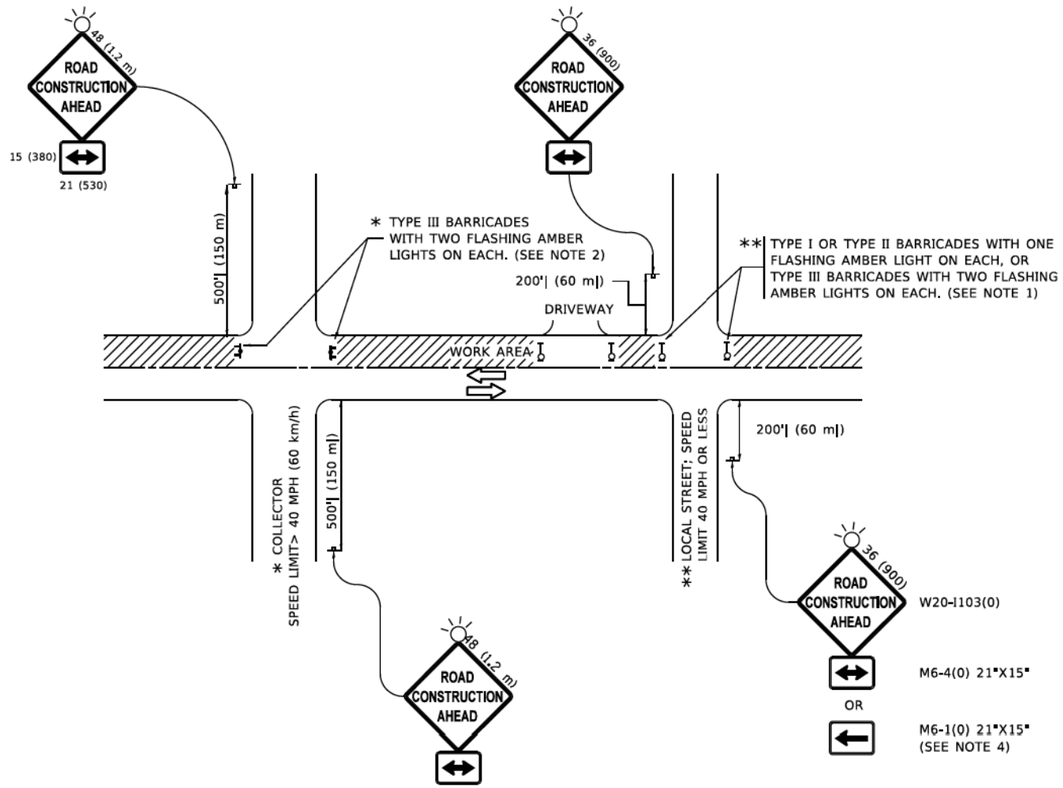
	ILLINOIS FED. AID PROJECT			



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.

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	DRAWN -	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 100.0000 ' / In.	CHECKED -	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24	

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.
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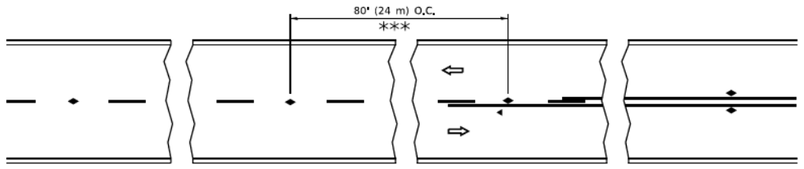
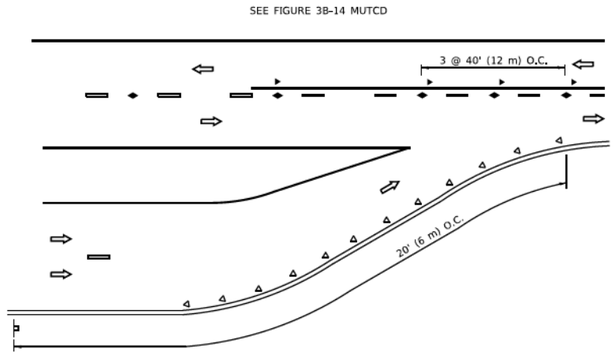


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

SEE FIGURE 3B-14 MUTCD



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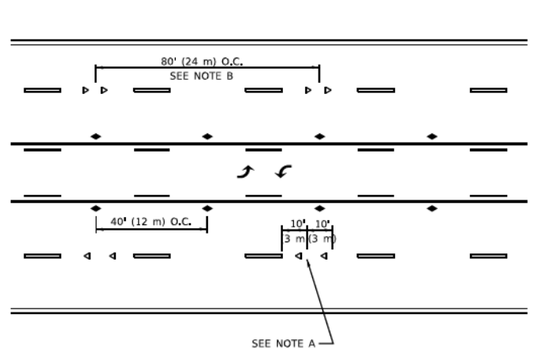
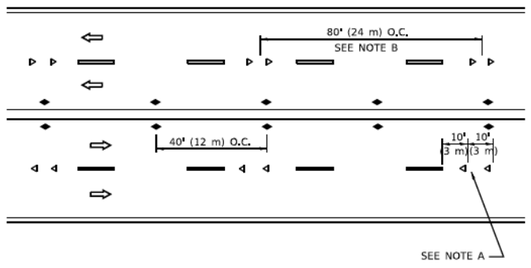
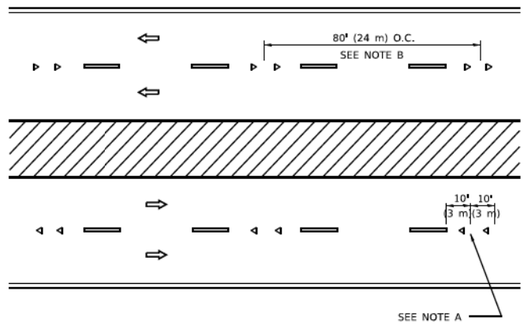


TWO–WAY LEFT TURN



MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED

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

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

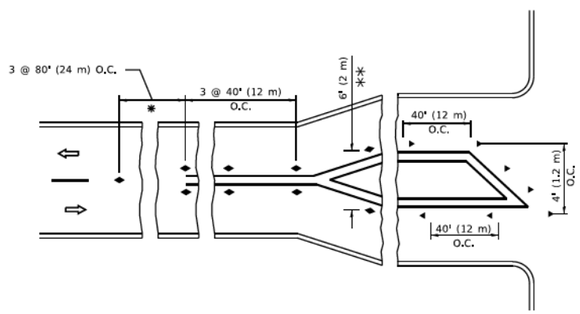
LANE MARKER NOTES

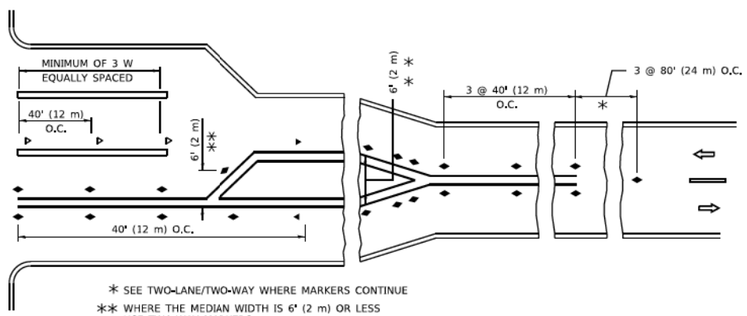
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

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.

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.





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footem]	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
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PLOT DATE = 3/4/2019	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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348 1292	22-00206-00-CH	COOK	214	180
	TC-11	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			

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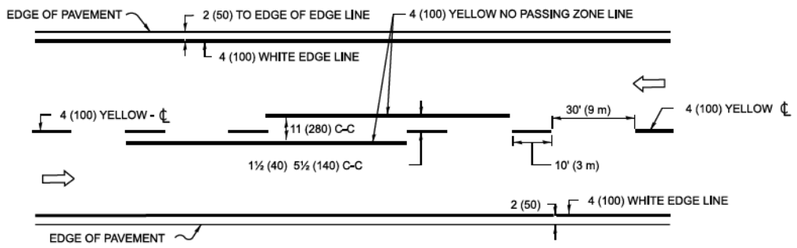
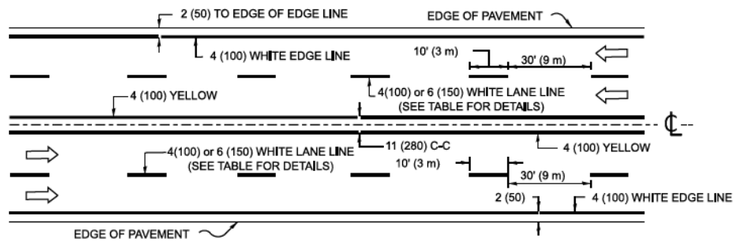
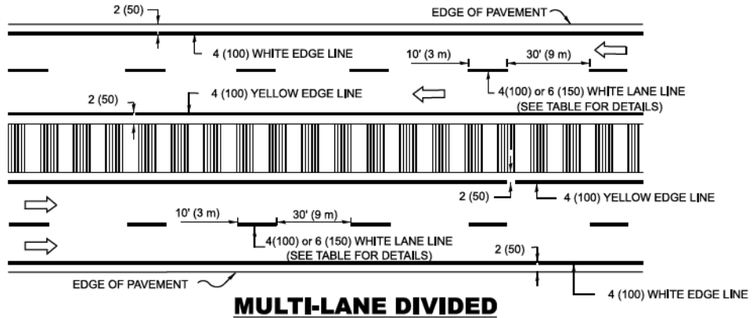


2-LANE ROADWAY

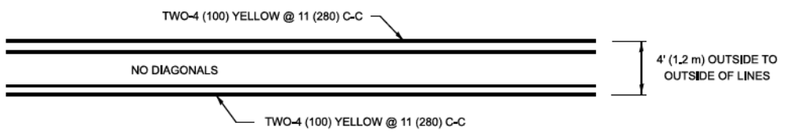


MULTI-LANE UNDIVIDED

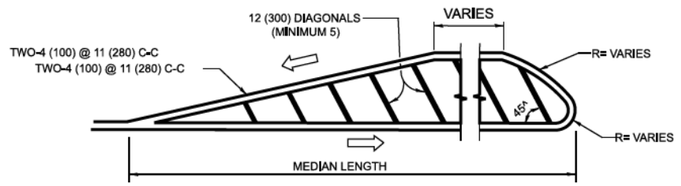


MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



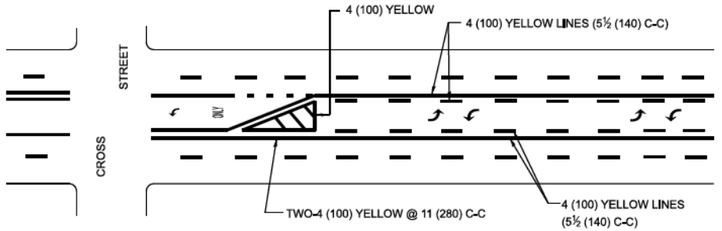
4' (1.2 m) WIDE MEDIANS ONLY



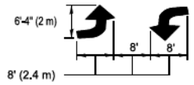
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

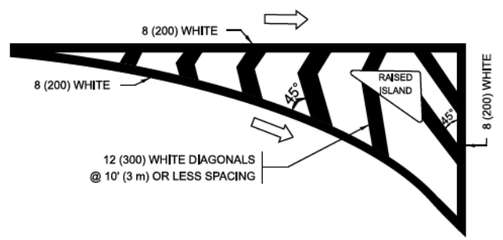


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

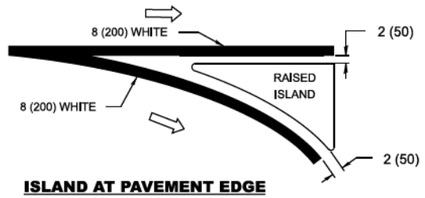


MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

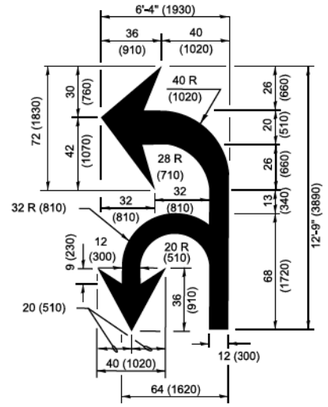


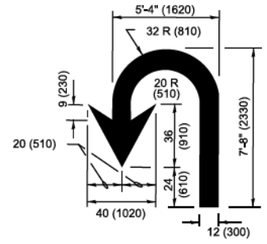
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

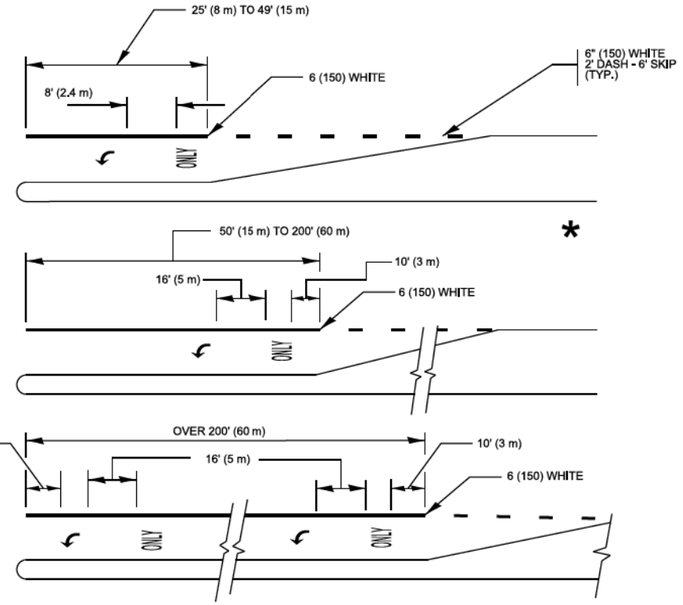
TYPICAL ISLAND MARKING





U-TURN

COMBINATION LEFT AND U-TURN



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 MARKING

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	DRAWN -	REVISED - C. JUCIUS 12-21-15	
PLOT SCALE = 0.08333317 ' / In.	CHECKED -	REVISED - C. JUCIUS 04-12-16	
PLOT DATE = 6/29/2026	DATE - 03-19-90	REVISED - K. KANNAN-HOSADURGA 06-29-26	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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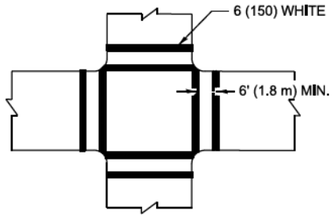
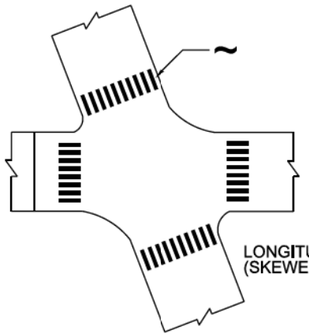
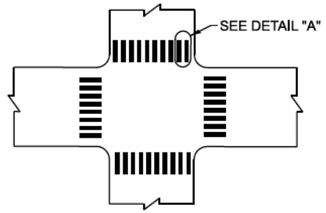
	ILLINOIS FED. AID PROJECT			



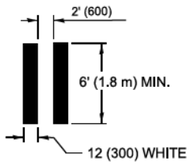
TRANSVERSE CROSSWALK



LONGITUDINAL CROSSWALK
(SKEWED INTERSECTION)



LONGITUDINAL CROSSWALK

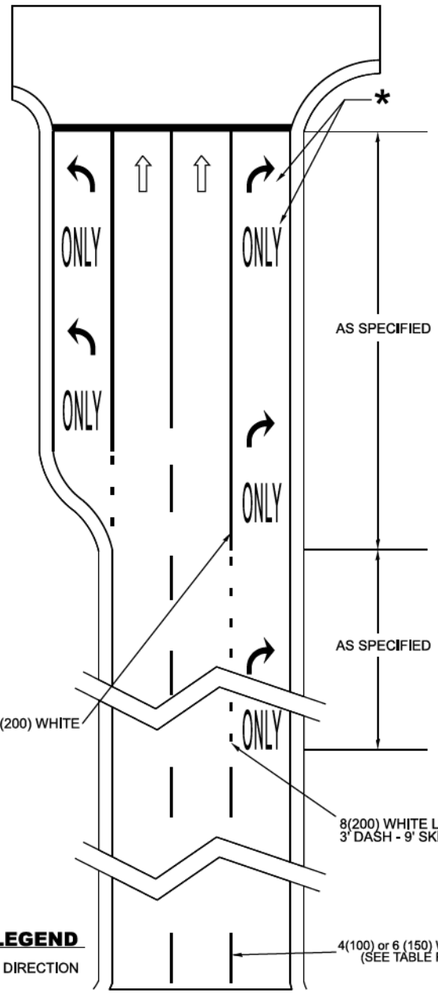


DETAIL "A"

TYPICAL CROSSWALK MARKING

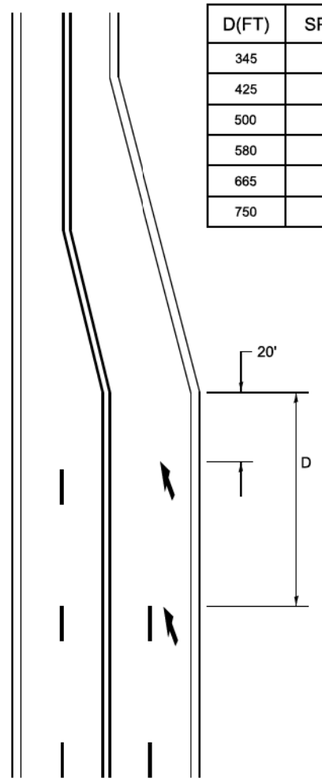
~ THE INDIVIDUAL LONGITUDINAL ELEMENTS OF A LONGITUDINAL BAR CROSSWALK SHOULD BE ANGLED SUCH THAT THEY ARE PARALLEL TO THE TRAVEL PATH OF APPROACHING TRAFFIC

MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



ARTERIAL ROAD LANE-DROP MARKINGS

* FOLLOW TYPICAL TURN LANE MARKINGS FOR PLACEMENT AND SIZE DETAILS OF 'ARROW' AND 'ONLY' MARKINGS IN THE TURN LANE.



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.

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: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES FOR SPEED LIMIT <= 45 MPH LANE LINES FOR SPEED LIMIT > 45 MPH	4 (100) 6 (150)	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (TYPICAL FOR EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS, EXCEPT AT LANE-DROP MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (0,60m) LINE WITH 6' (1,8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT 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) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
TRANSVERSE CROSSWALK LONGITUDINAL BARS CROSSWALK	2 @ 6 (150) 12 (300) @ 90°	SOLID SOLID	WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART AND PARALLEL TO TRAFFIC FLOW SEE TYPICAL CROSSWALK MARKING DETAIL 'A'.
STOP LINES	24 (600)	SOLID	WHITE	PLACE MINIMUM 4' (1.2 m) IN ADVANCE OF CROSSWALK IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. NO MORE THAN 30' (9.1 m) OR LESS THAN 4' (1.2 m) FROM NEAREST EDGE OF INTERSECTING TRAVELED WAY.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 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, TC 23 AREA OF: "R"=3.6 SQ. FT. (0.33 m^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 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
ARTERIAL LANE-DROP MARKINGS DOTTED LINES FOR LANE-DROP TURN LANE MARKINGS	8 (200) 8 (200)	SKIP - DASH SOLID	WHITE WHITE	3' (0.91 m) LINE WITH 9' (2.74 m) SPACE

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.

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	DRAWN -	REVISED - C. JUCIUS 12-21-15	
	CHECKED -	REVISED - C. JUCIUS 04-12-16	
PLOT DATE = 6/29/2026	DATE - 03-19-90	REVISED - K. KANNAN-HOSADURGA 06-29-26	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
(STATE) 1292	22-00206-00-CH	COOK	214	182
	TC-13B	CONTRACT NO. 61K82		
	ILLINOIS	FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

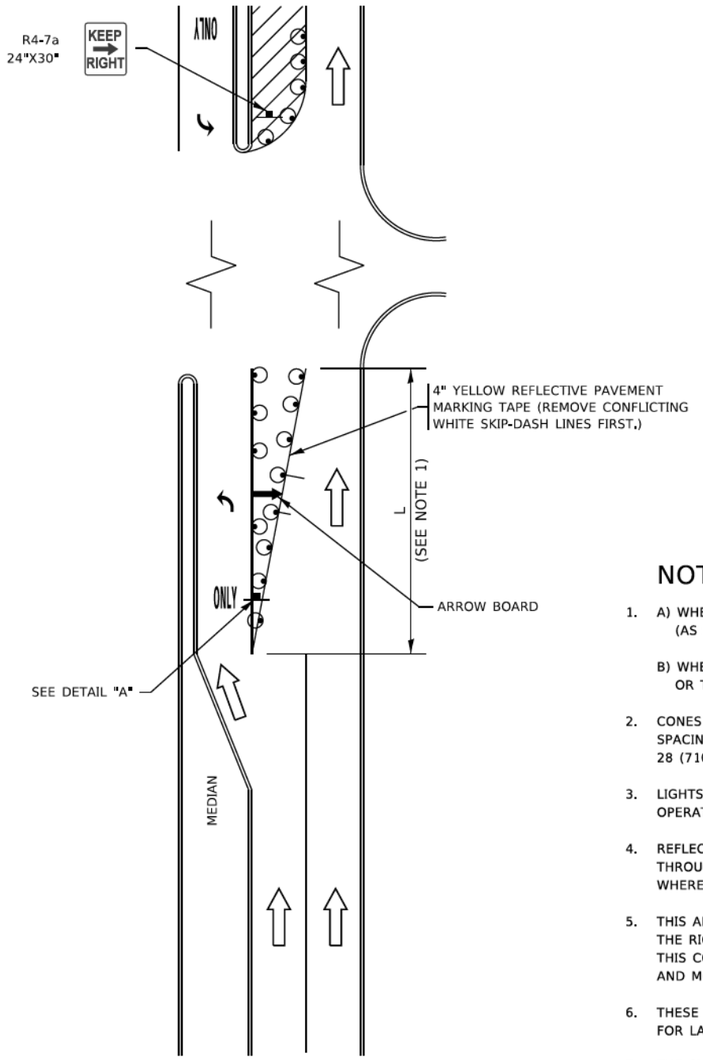


FIGURE 1

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

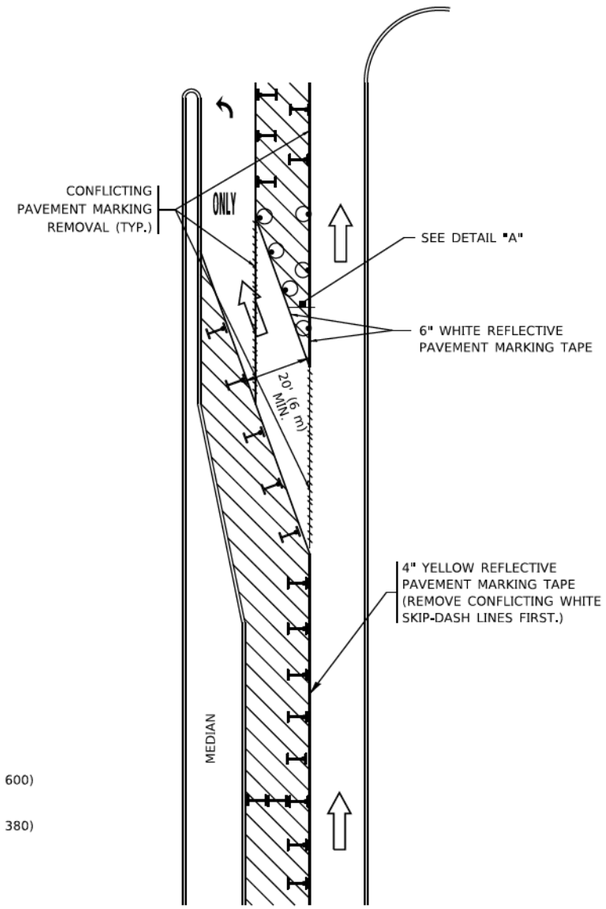
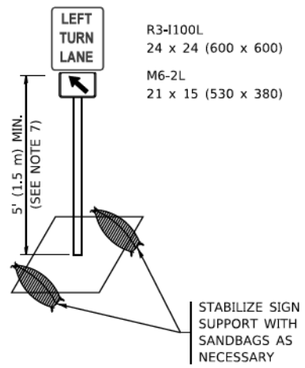


FIGURE 2



DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footem]	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 = 50.0000 ' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13(98)/1292	22-00206-00-CH	COOK	214	183
	TC-14	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			

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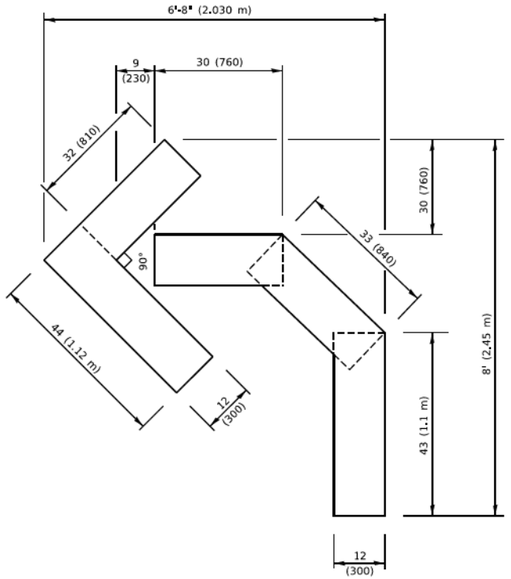
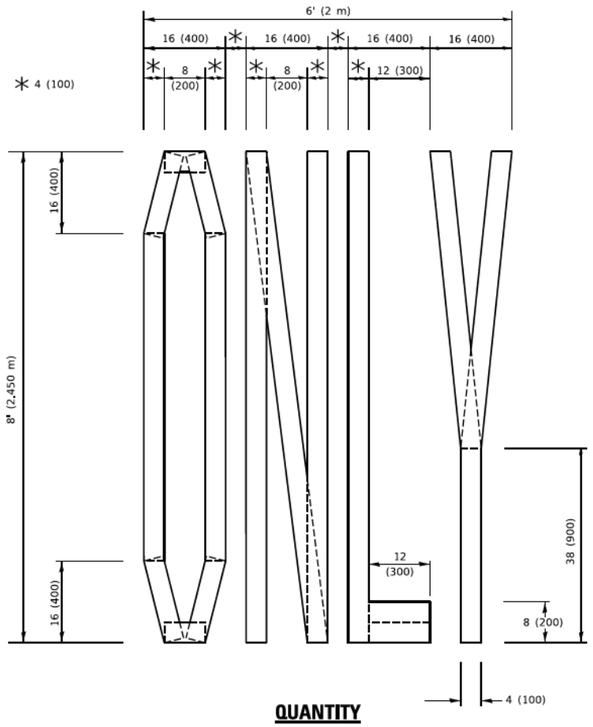


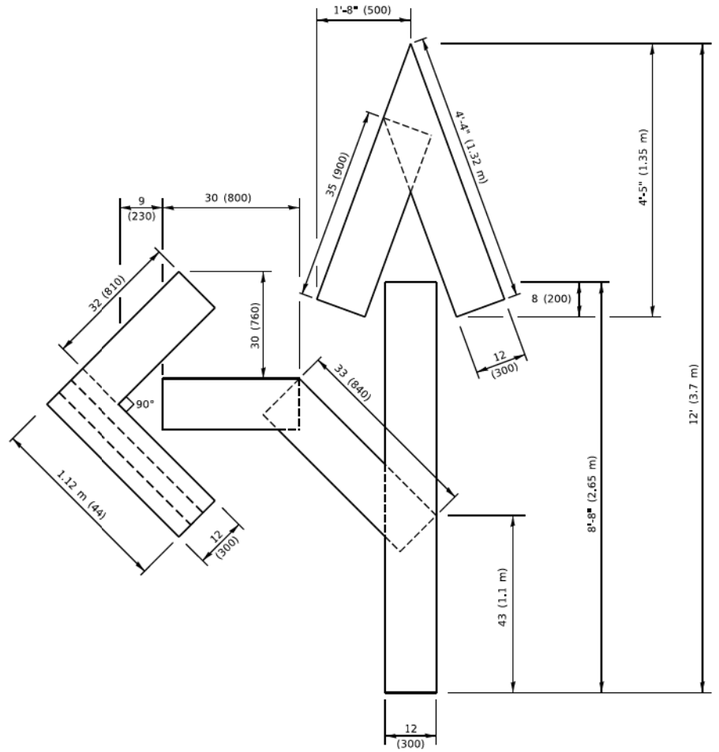
QUANTITY

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)

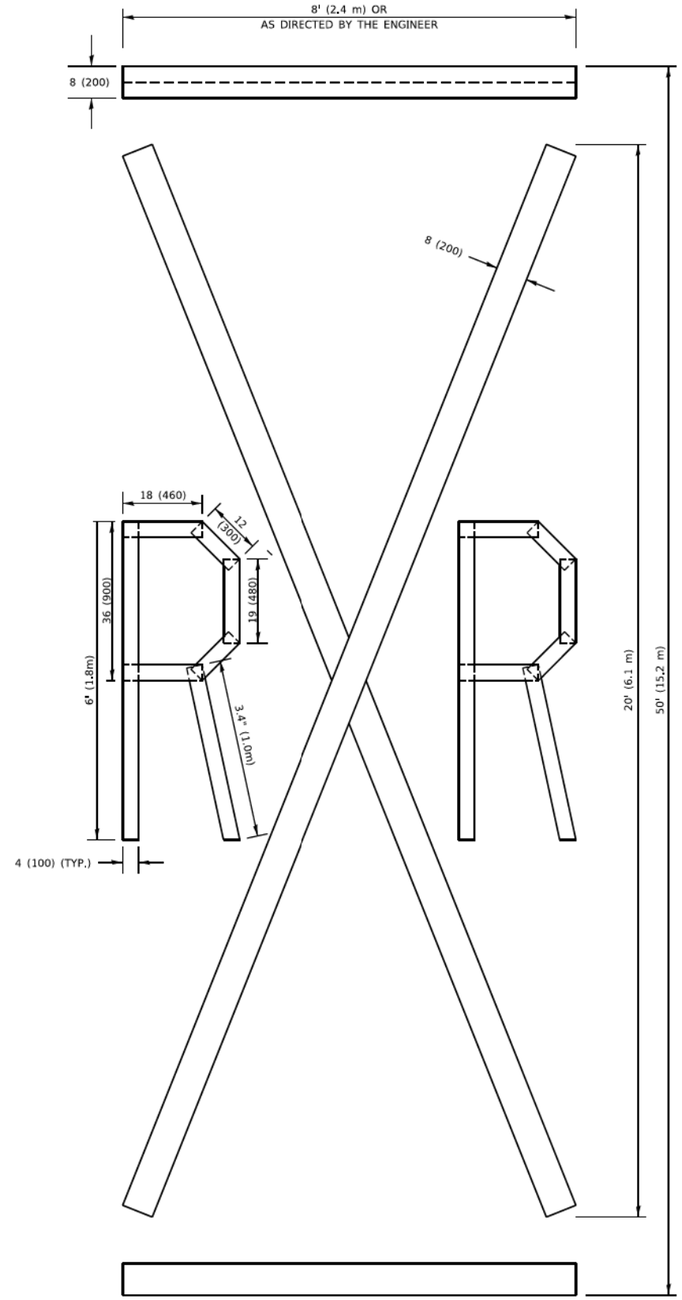


QUANTITY

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: Default
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USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 50.0068 ' / In.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

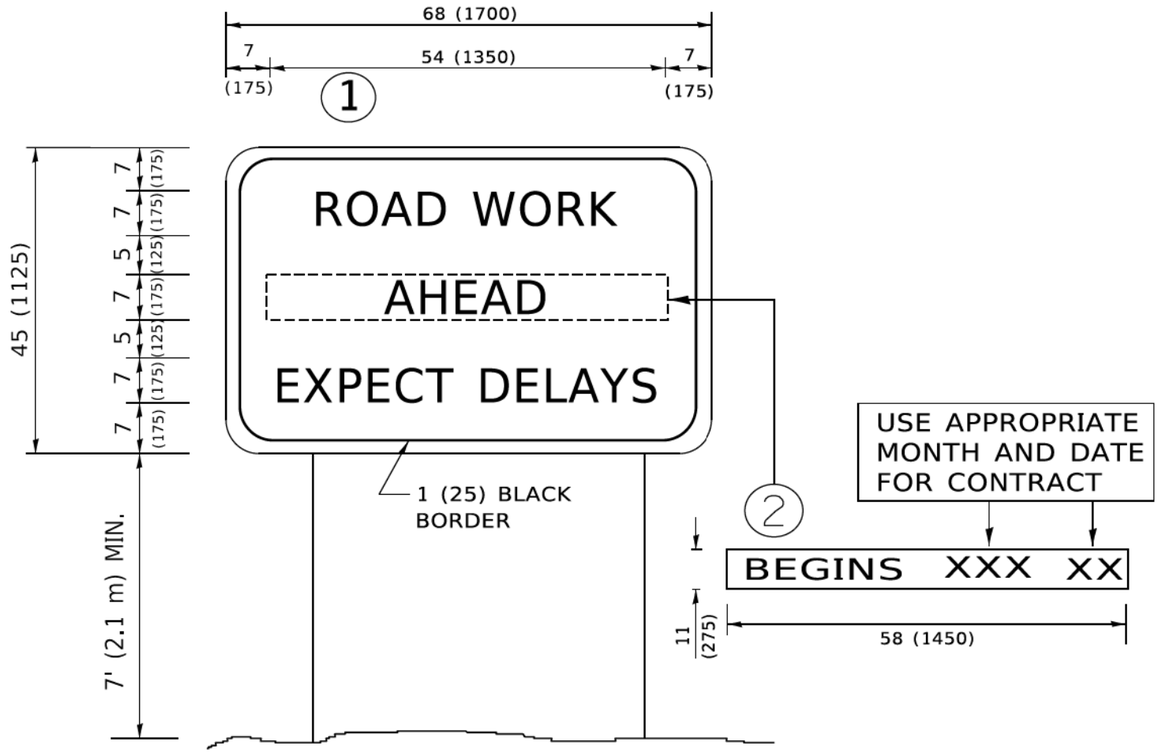
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE | SHEET 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	184
	TC-16	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			

tc16.dgn 3/4/2019 10:37:35 AM footemj



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.

USER NAME = footem]	DESIGNED -	REVISED - R. MIRS 09-15-97	
	DRAWN -	REVISED - R. MIRS 12-11-97	
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE | SHEET 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0340 1292	22-00206-00-CH	COOK	214	185
	TC-22	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			

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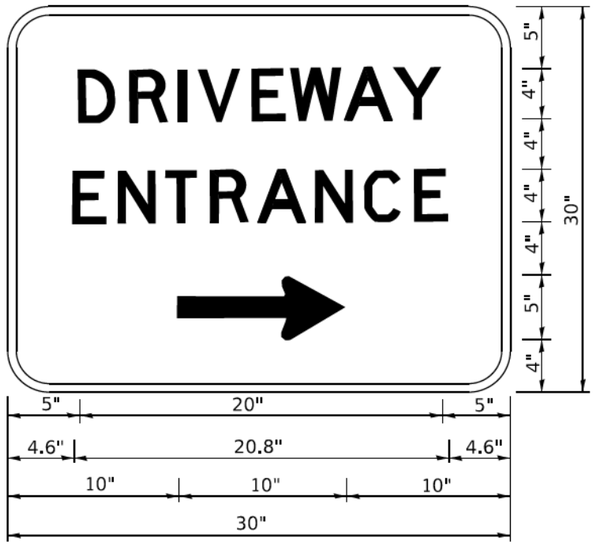

3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

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".

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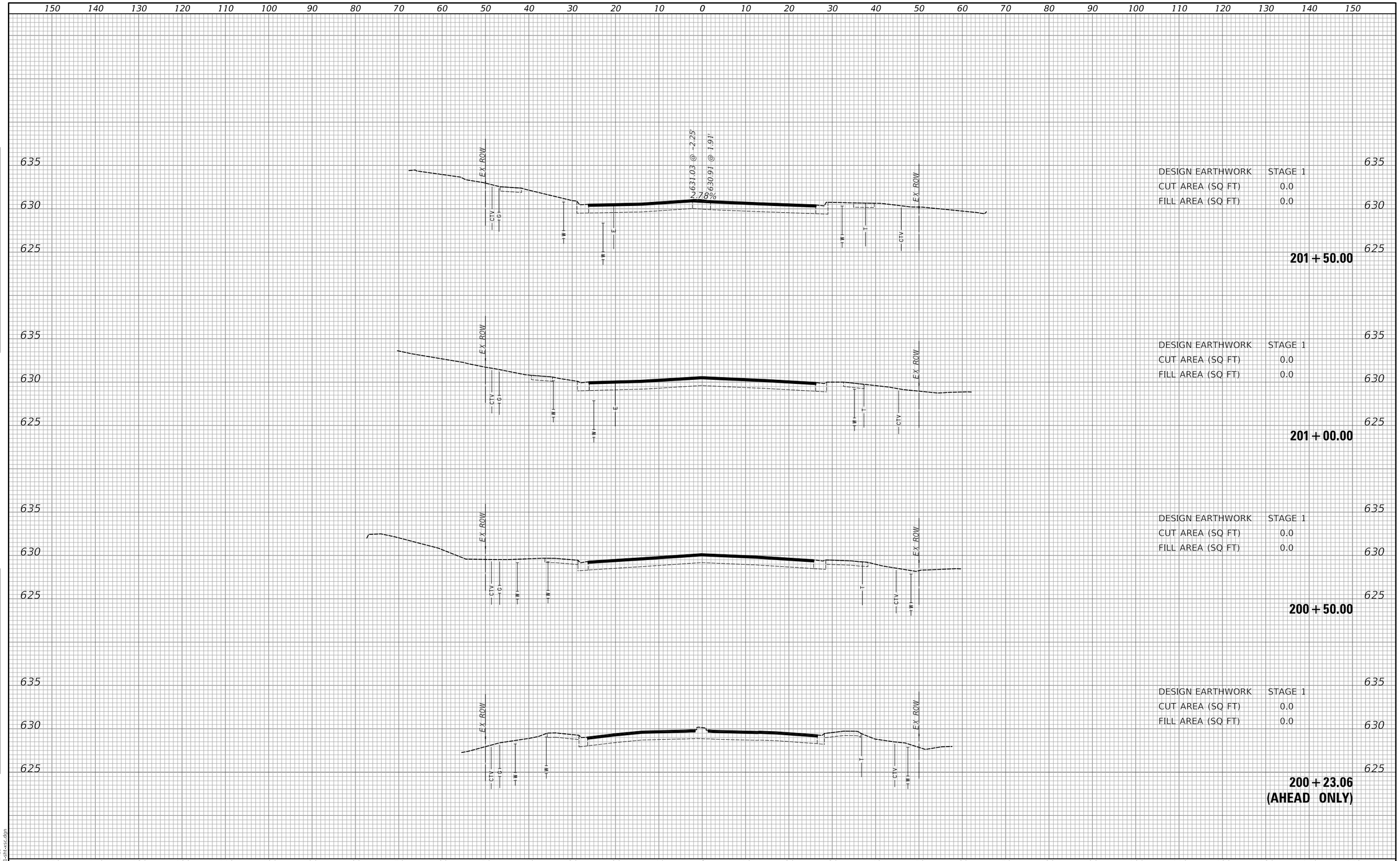
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED -	
PLOT DATE = 8/6/2021	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE | SHEET 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	186
	TC-26	CONTRACT NO. 61K82		
	ILLINOIS FED. AID PROJECT			



ORIGINAL SURVEY	NOTE BOOK	NO.

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn

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	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 1 OF 17 SHEETS | STA. 200+23.06 TO STA. 201+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	187
		CONTRACT NO. 61K82		
	ILLINOIS			

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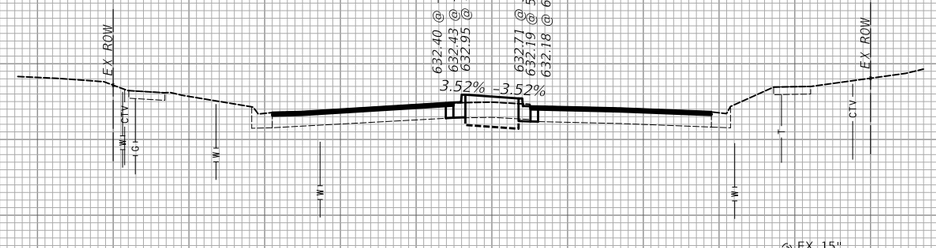
640
635
630
625



DESIGN EARTHWORK STAGE 1
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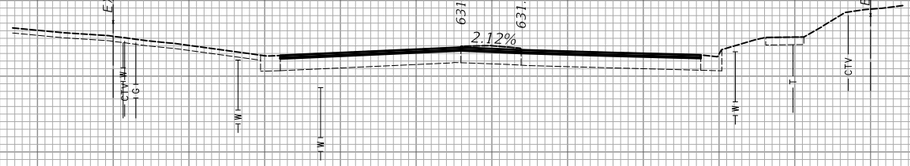
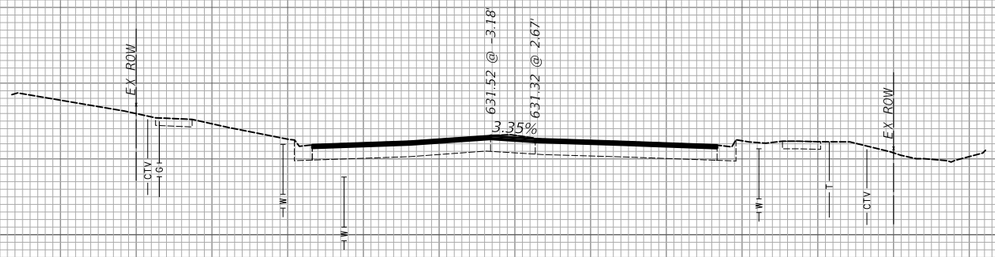
FILL AREA (SQ FT) 0.0

203+00.00



DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 0.0
FILL AREA (SQ FT) 0.0

202+50.00



DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 0.0
FILL AREA (SQ FT) 0.0

202+00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 2 OF 17 SHEETS | STA. 202+00.00 | TO STA. 203+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	188
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
BY
DATE
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: $MODELNAME$
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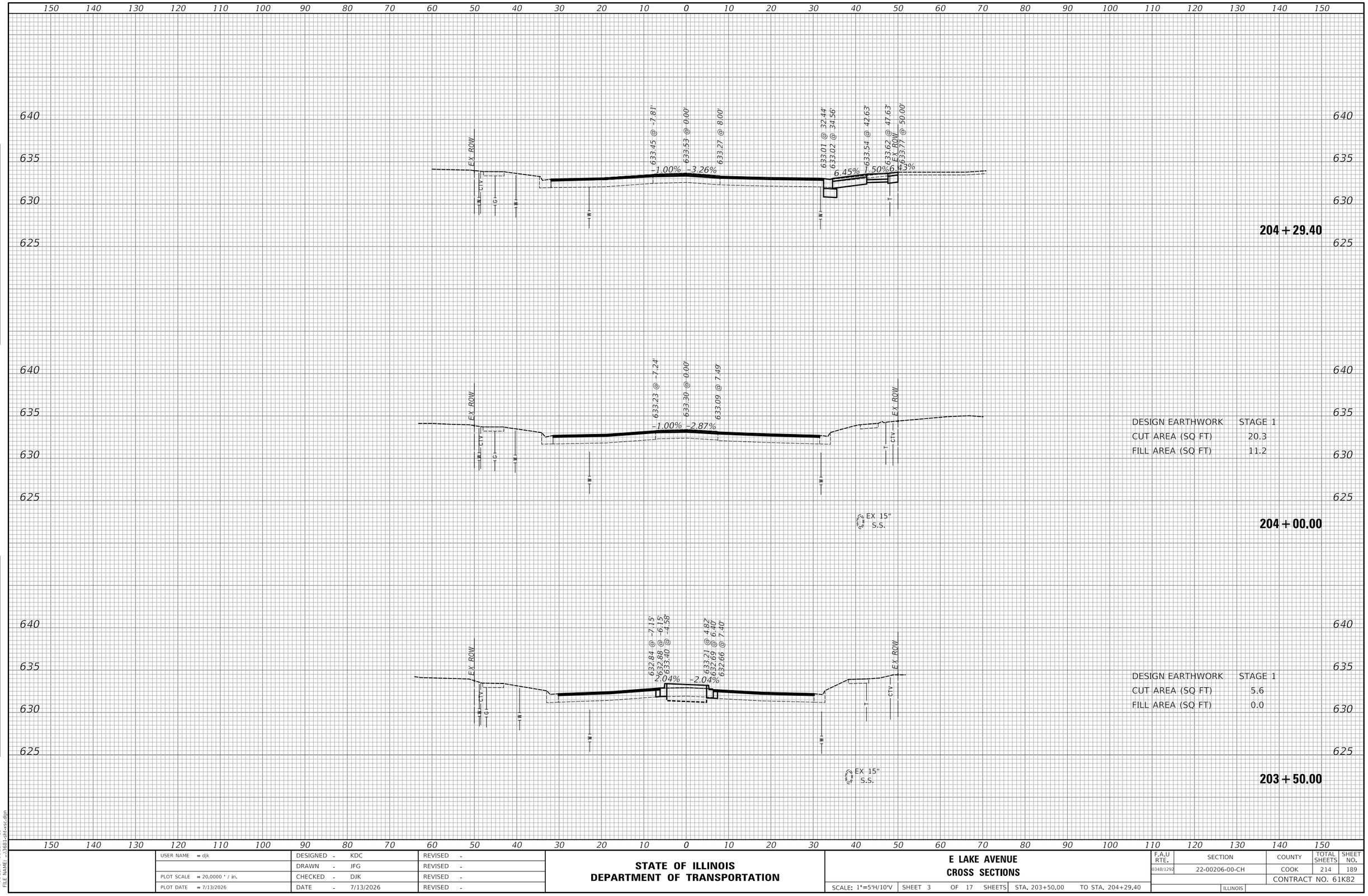

USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JFG	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	**E LAKE AVENUE**
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	**CROSS SECTIONS**

SCALE: 1"=5'H/10'V | SHEET 3 OF 17 SHEETS | STA. 203+50.00 | TO STA. 204+29.40

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	189
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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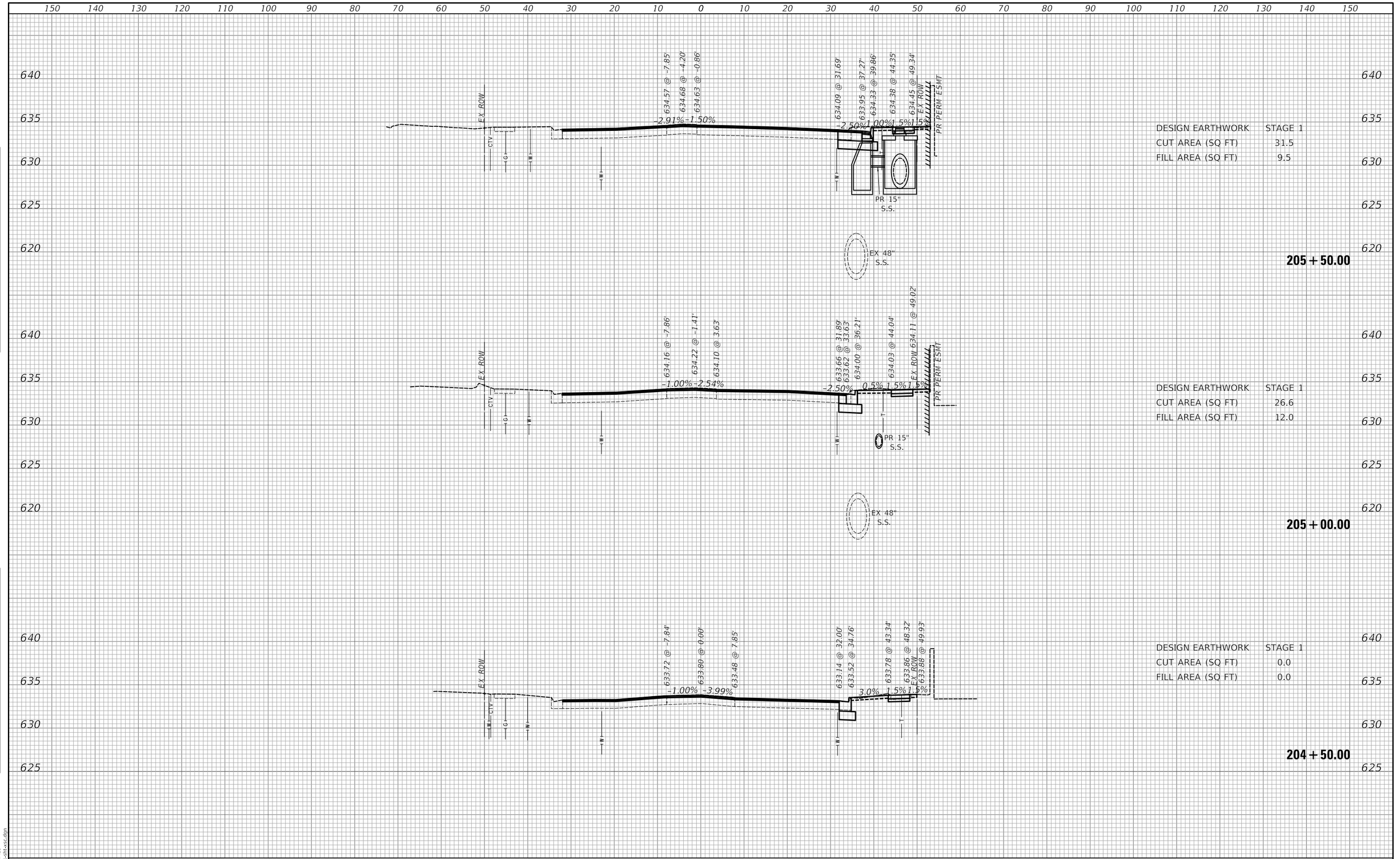


USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JFG	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

E LAKE AVENUE
CROSS SECTIONS

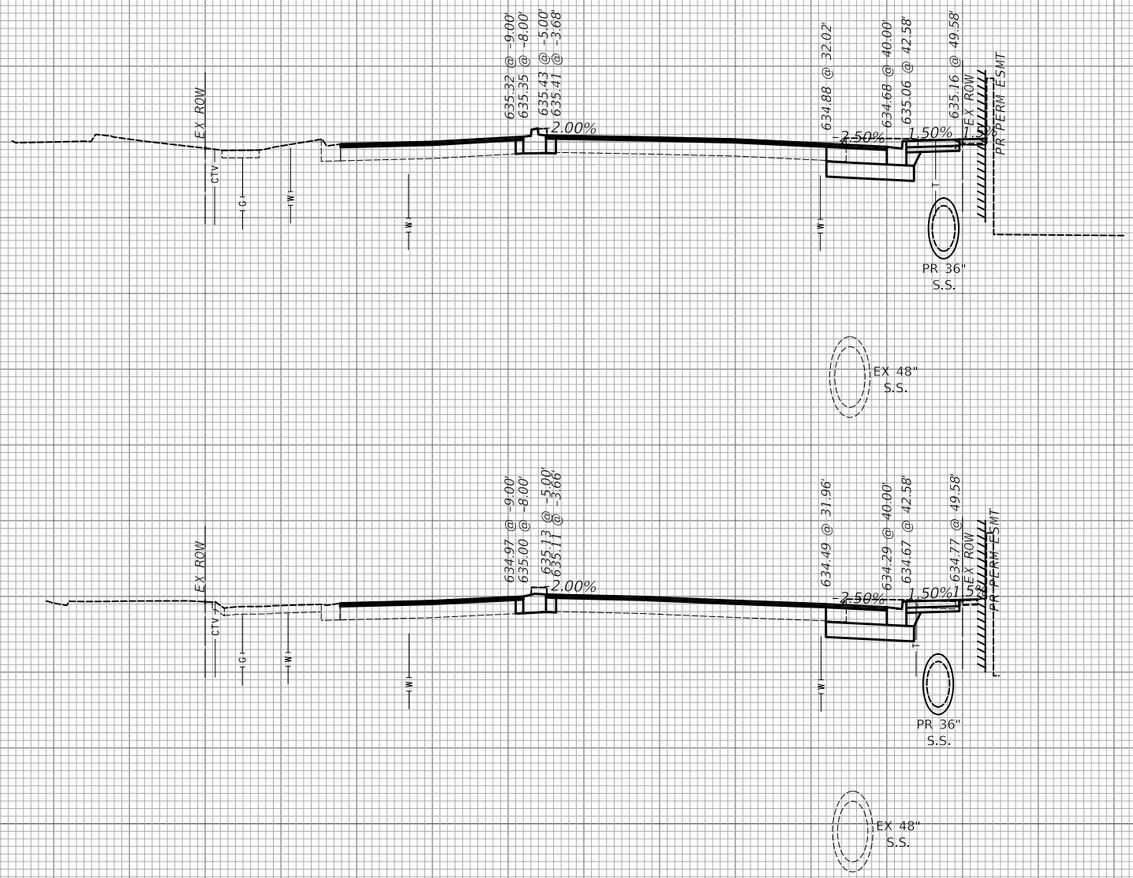
SCALE: 1"=5'H/10'V | SHEET 4 OF 17 SHEETS | STA. 204+50.00 | TO STA. 205+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	190
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn



DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 36.2
FILL AREA (SQ FT) 6.6

DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 34.0
FILL AREA (SQ FT) 4.2

FINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED
BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED
BY — DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn

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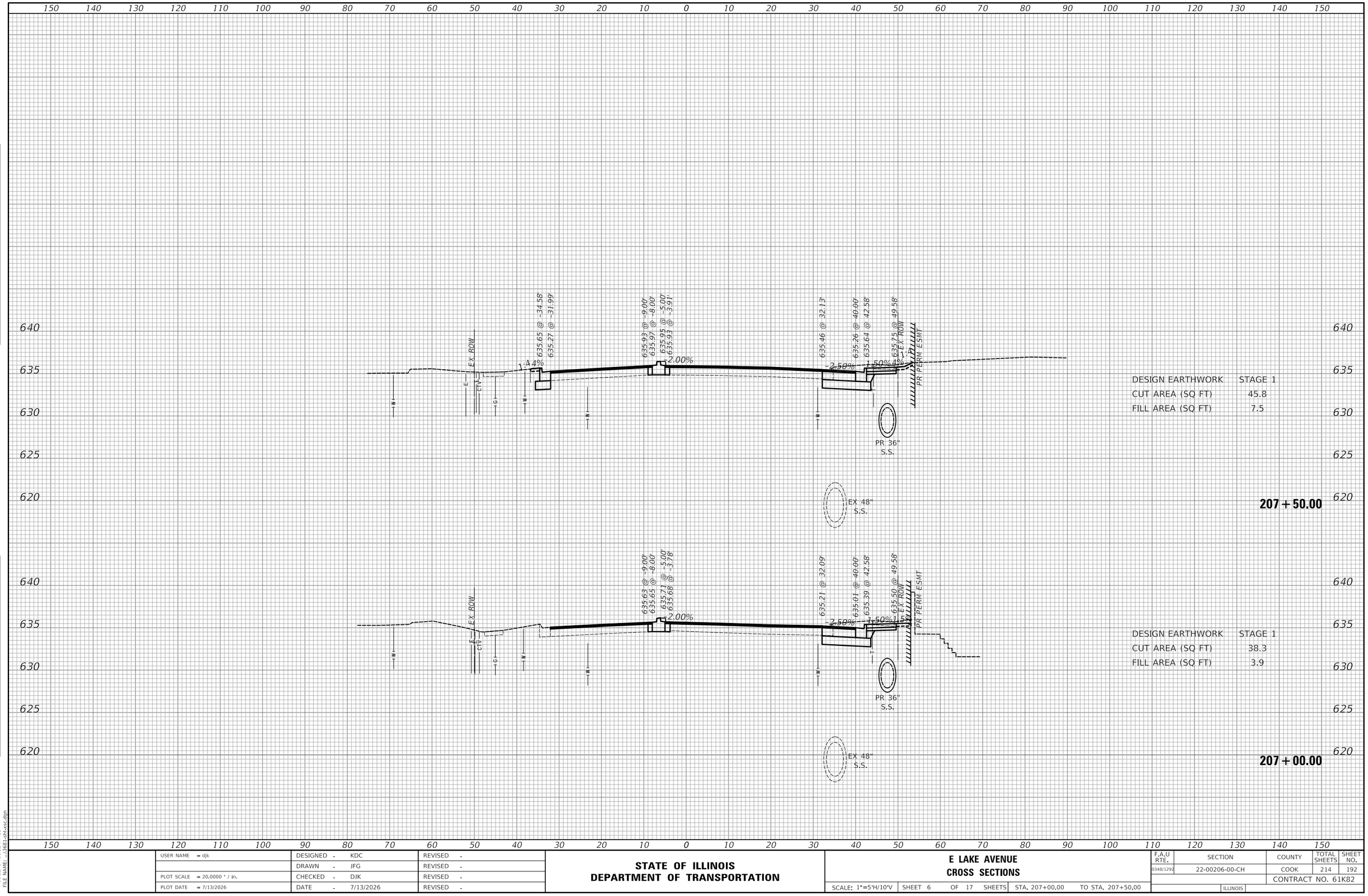
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 5 OF 17 SHEETS | STA. 206+00.00 | TO STA. 206+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	191
		CONTRACT NO. 61K82		
	ILLINOIS			



FINAL SURVEY / ORIGINAL SURVEY

NOTE BOOK — NO. —

SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

BY — DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn

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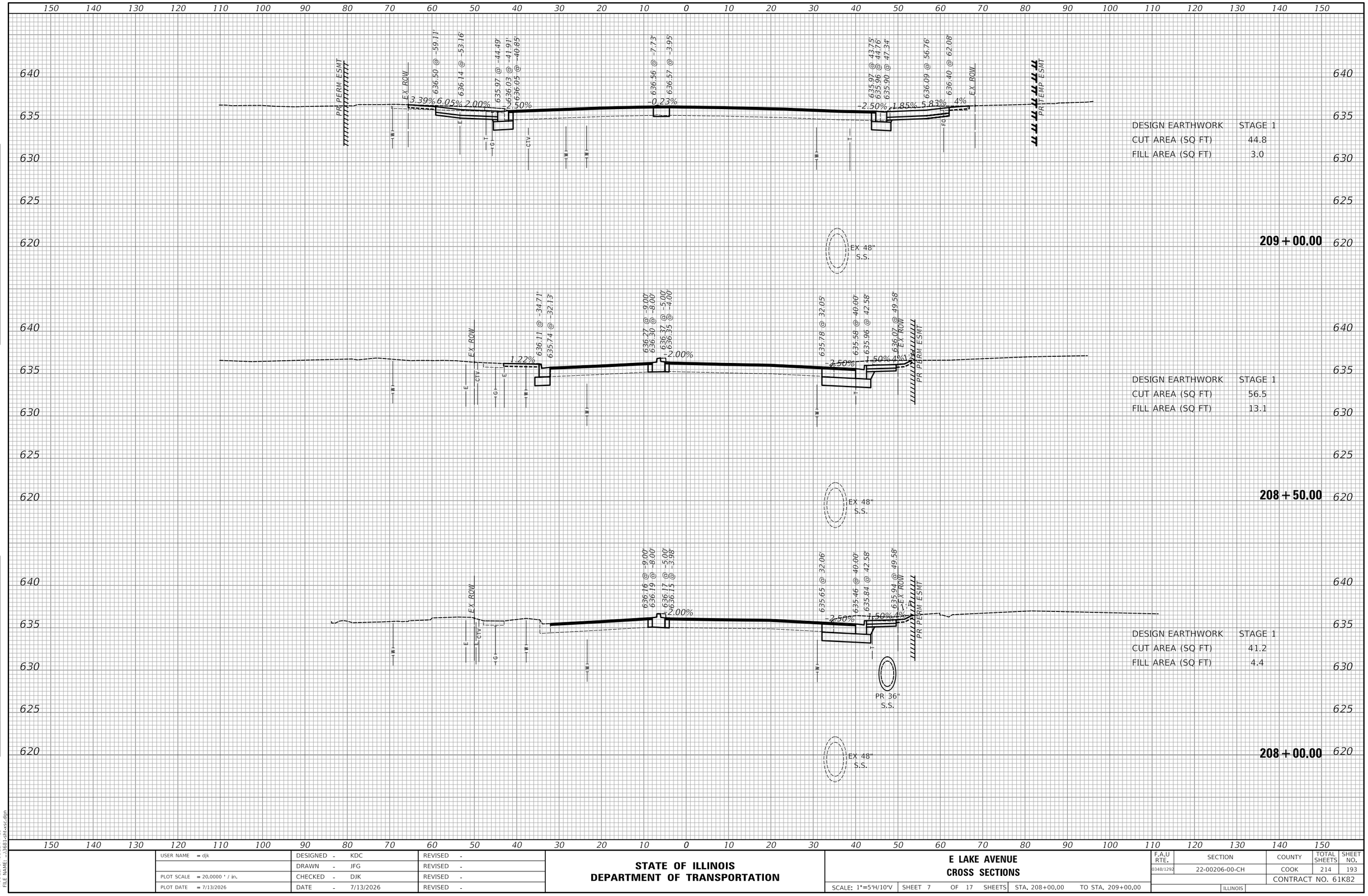
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 6 OF 17 SHEETS | STA. 207+00.00 TO STA. 207+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	192
		CONTRACT NO. 61K82		
	ILLINOIS			



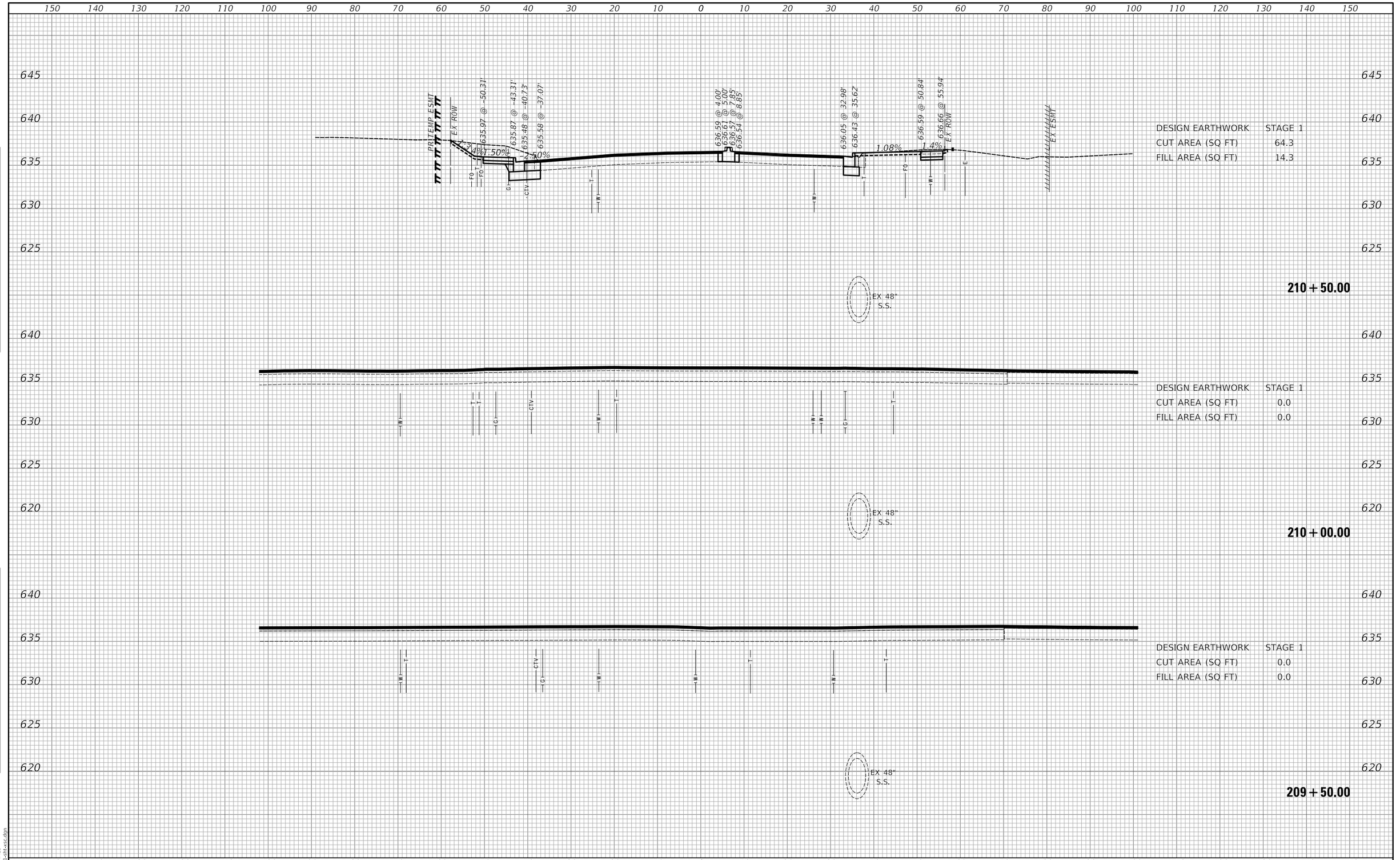
USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JFG	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	**E LAKE AVENUE**
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	**CROSS SECTIONS**

SCALE: 1"=5'H/10'V | SHEET 7 OF 17 SHEETS | STA. 208+00.00 | TO STA. 209+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	193
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn



USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JFG	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	**E LAKE AVENUE**
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	**CROSS SECTIONS**

SCALE: 1"=5'H/10'V | SHEET 8 OF 17 SHEETS | STA. 209+50.00 | TO STA. 210+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	194
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: SMODELNAMES
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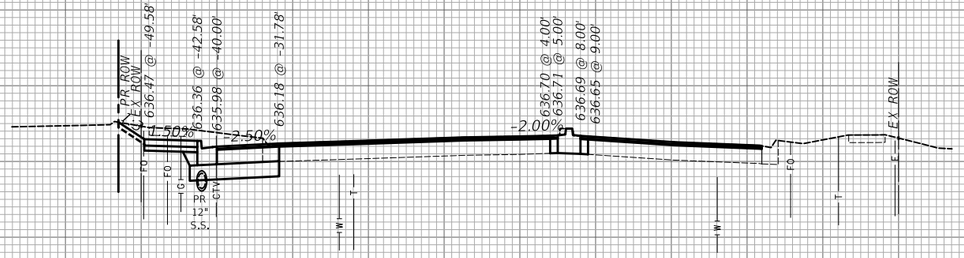
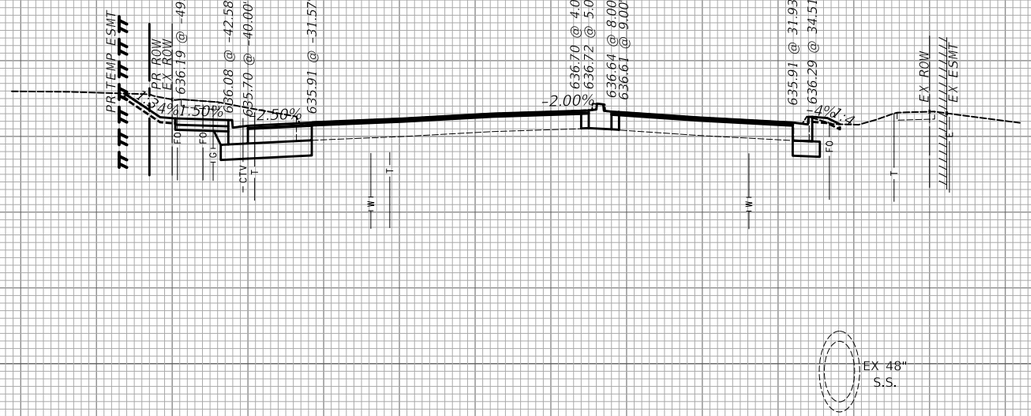


DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 42.8
FILL AREA (SQ FT) 2.3

211+50.00



DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 63.0
FILL AREA (SQ FT) 6.6

211+00.00

USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

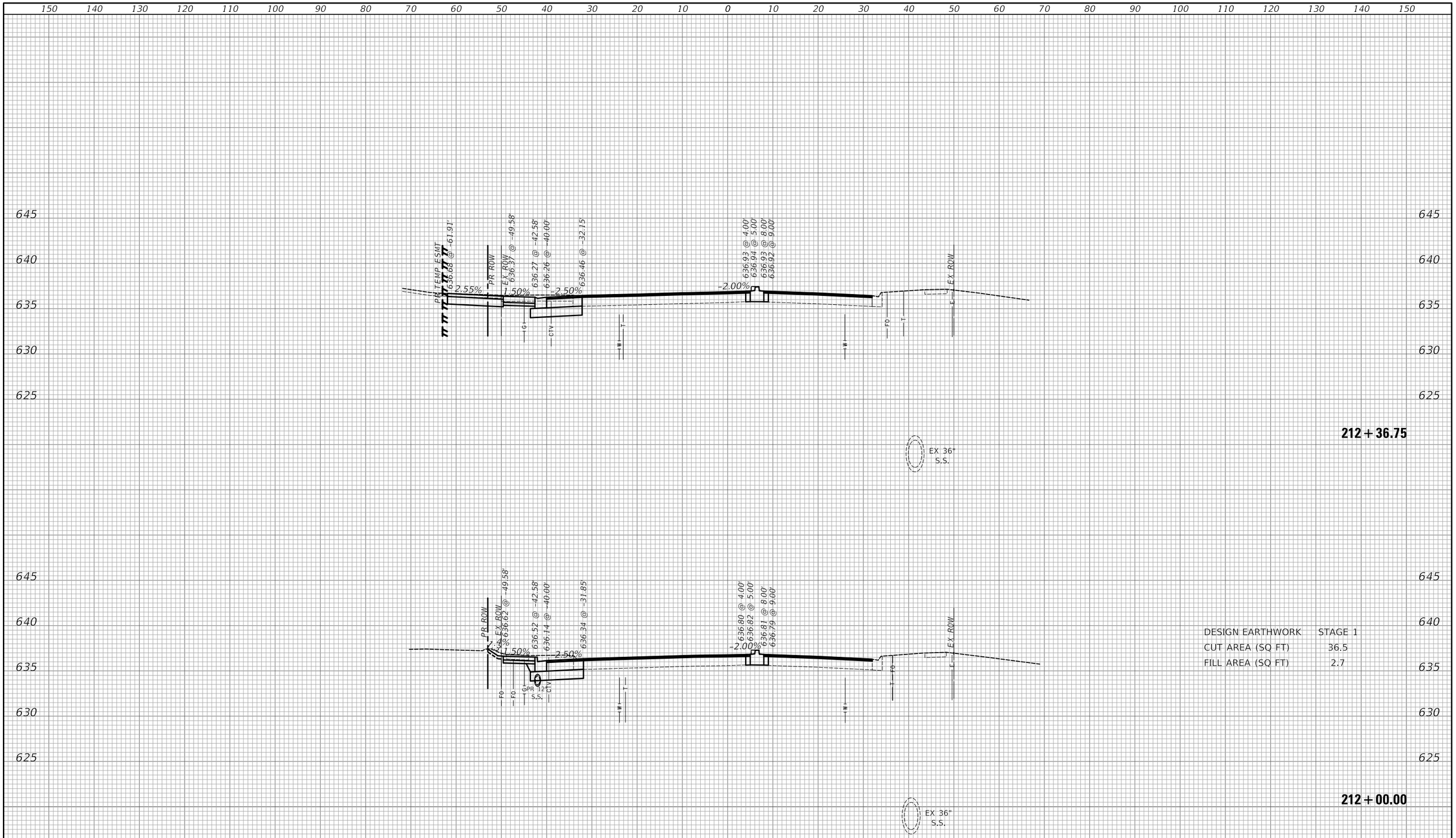
E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 9 OF 17 SHEETS | STA. 211+00.00 | TO STA. 211+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	195
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681-sht-xsc.dgn



DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	36.5
FILL AREA (SQ FT)	2.7

FINAL SURVEY / ORIGINAL SURVEY

NOTE BOOK | NO.

SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

BY | DATE

MODEL: SMODELNAME
FILE NAME: ...\3681-sht-xsc.dgn

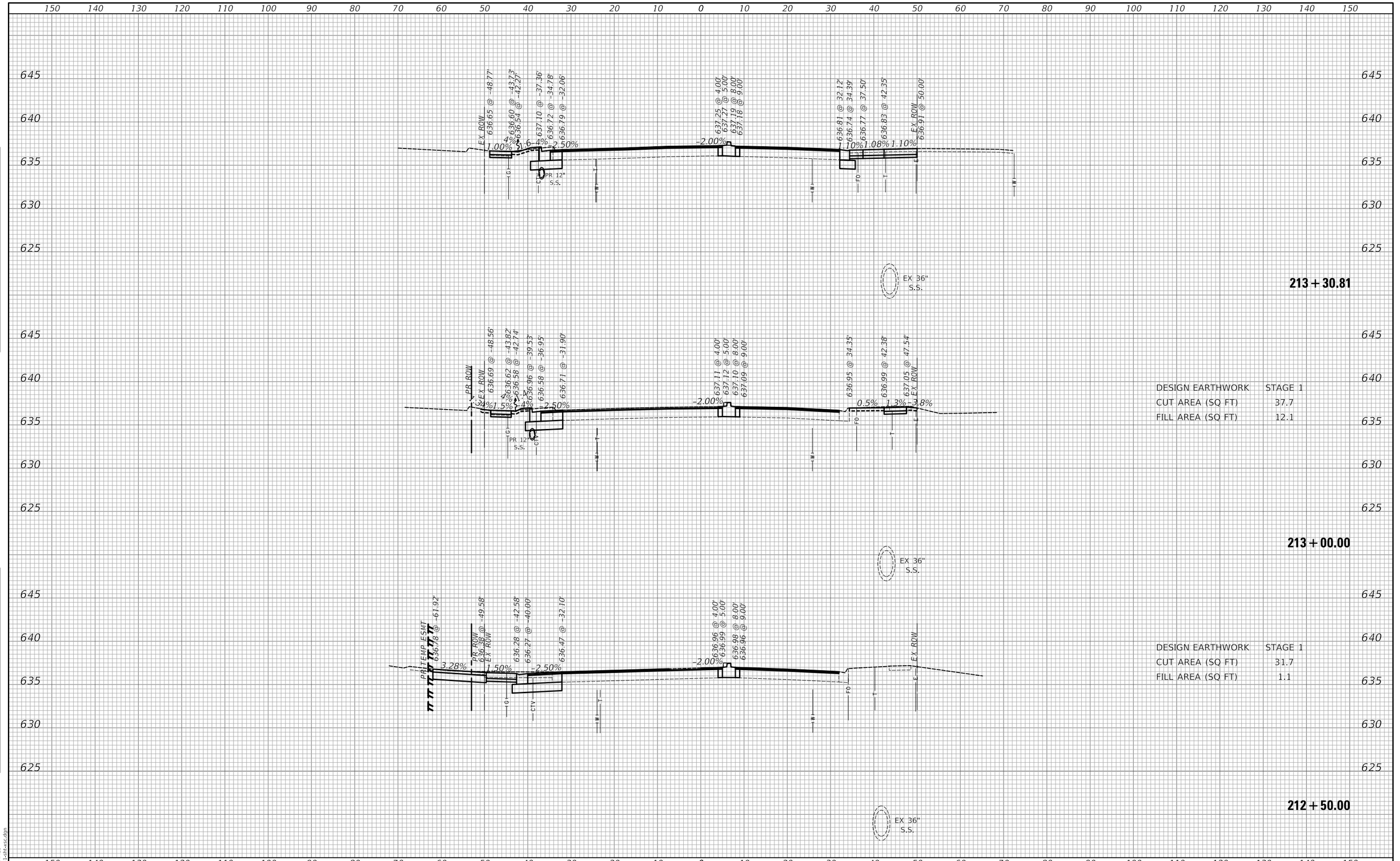
USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 10 OF 17 SHEETS | STA. 212+00.00 | TO STA. 212+36.75

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	196
		CONTRACT NO. 61K82		
	ILLINOIS			



DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	37.7
FILL AREA (SQ FT)	12.1

DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	31.7
FILL AREA (SQ FT)	1.1

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn

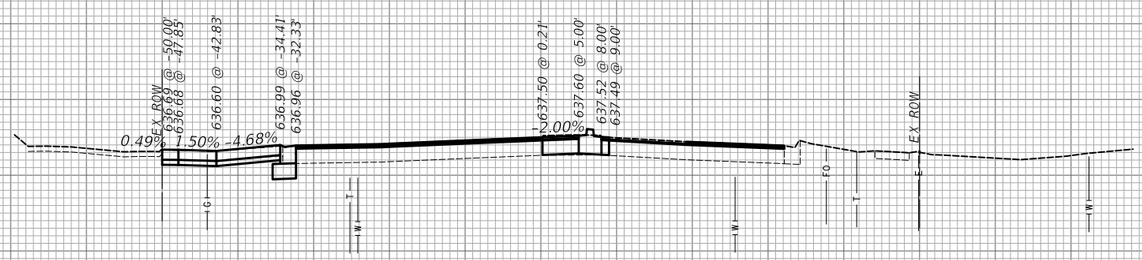
USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 11 OF 17 SHEETS | STA. 212+50.00 | TO STA. 213+30.81

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	197
		CONTRACT NO. 61K82		
	ILLINOIS			



EX 36"
S.S.

214 + 00.00

DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	8.9
FILL AREA (SQ FT)	0.9

EX 36"
S.S.

213 + 98.53

DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	34.3
FILL AREA (SQ FT)	10.5

EX 36"
S.S.

213 + 50.00

USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E LAKE AVENUE
CROSS SECTIONS

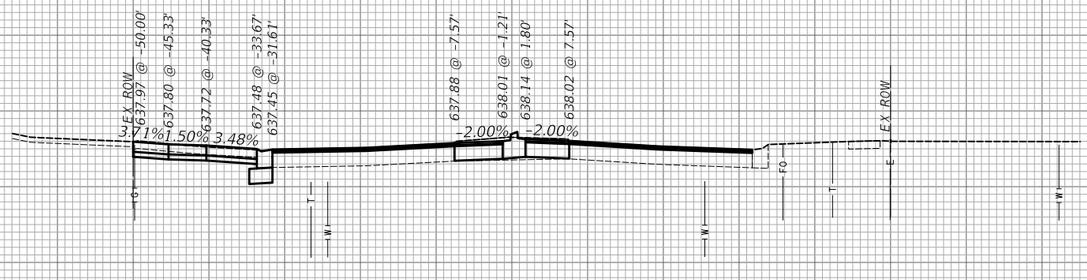
SCALE: 1"=5'H/10'V | SHEET 12 OF 17 SHEETS | STA. 213+50.00 | TO STA. 214+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	198
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

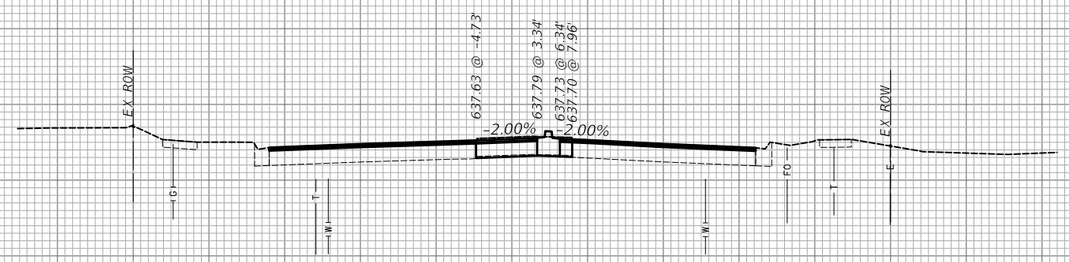
MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn



DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 12.1
FILL AREA (SQ FT) 1.3

EX 36" S.S.

215 + 00.00



DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 1.2
FILL AREA (SQ FT) 0.0

EX 36" S.S.

214 + 50.00

USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JFG	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	**E LAKE AVENUE**
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	**CROSS SECTIONS**

SCALE: 1"=5'H/10'V | SHEET 13 OF 17 SHEETS | STA. 214+50.00 | TO STA. 215+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	199
		CONTRACT NO. 61K82		
	ILLINOIS			

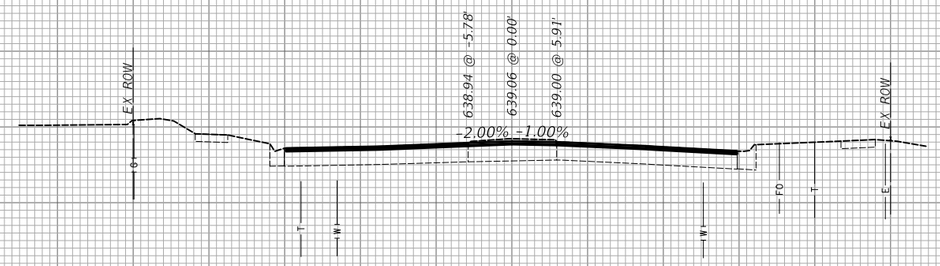
FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn

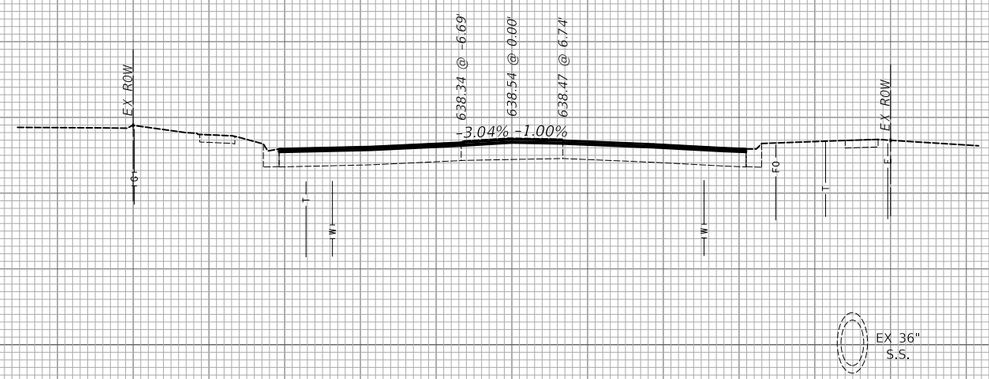
FINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

ORIGINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED



DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 0.0
FILL AREA (SQ FT) 0.0

216 + 00.00



DESIGN EARTHWORK STAGE 1
CUT AREA (SQ FT) 0.0
FILL AREA (SQ FT) 0.0

215 + 50.00

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn

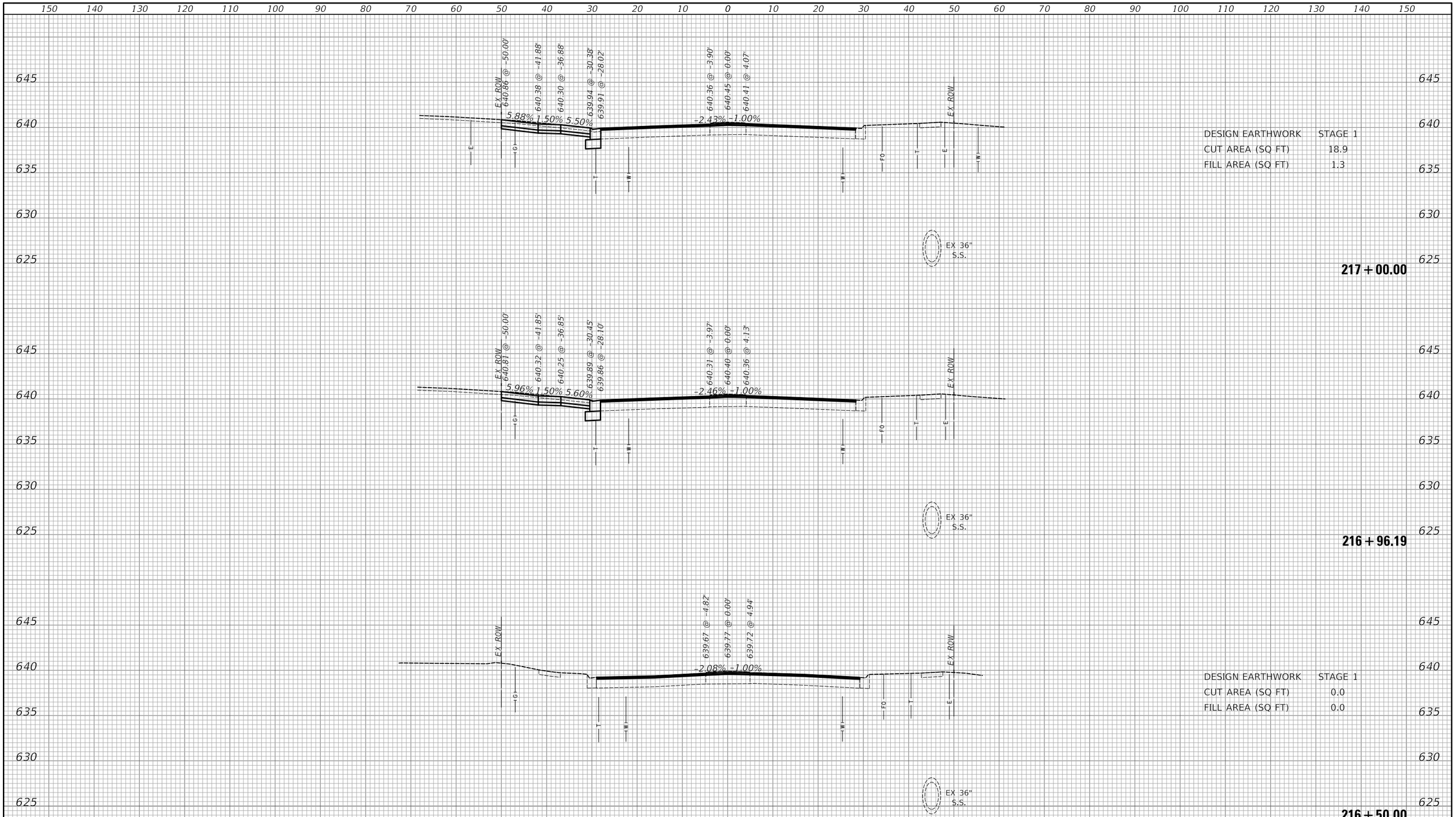
USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 14 OF 17 SHEETS | STA. 215+50.00 TO STA. 216+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	200
		CONTRACT NO. 61K82		
	ILLINOIS			



FINAL SURVEY

NOTE BOOK

NO.

SURVEYED

PLOTTED

TEMPLATE

AREAS

AREAS CHECKED

BY

DATE

ORIGINAL SURVEY

NOTE BOOK

NO.

SURVEYED

PLOTTED

TEMPLATE

AREAS

AREAS CHECKED

BY

DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681-sht-xsc.dgn

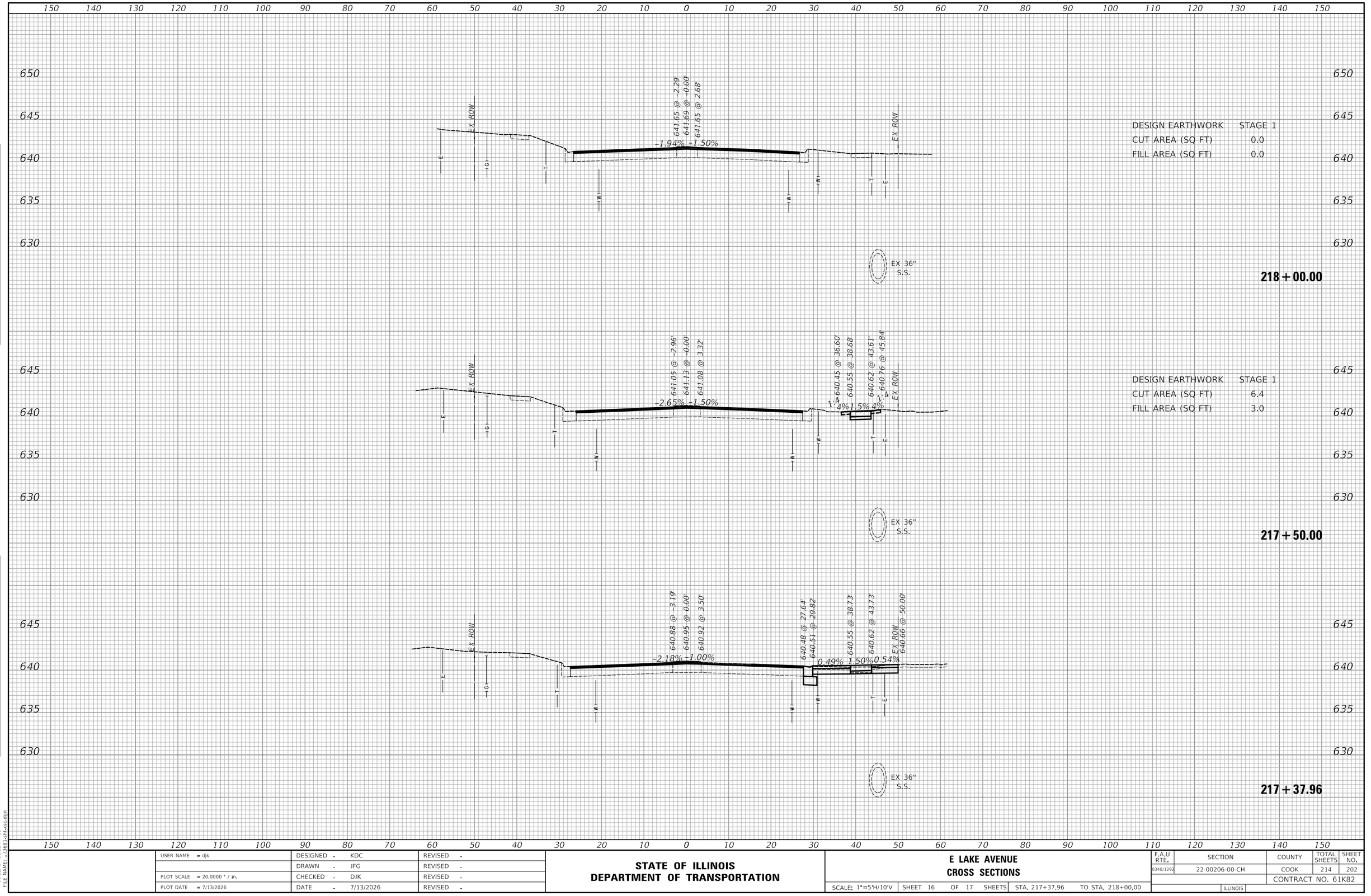
USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 15 OF 17 SHEETS | STA. 216+50.00 | TO STA. 217+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	201
		CONTRACT NO. 61K82		
	ILLINOIS			



USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JFG	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

E LAKE AVENUE
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 16 OF 17 SHEETS | STA. 217+37.96 | TO STA. 218+00.00

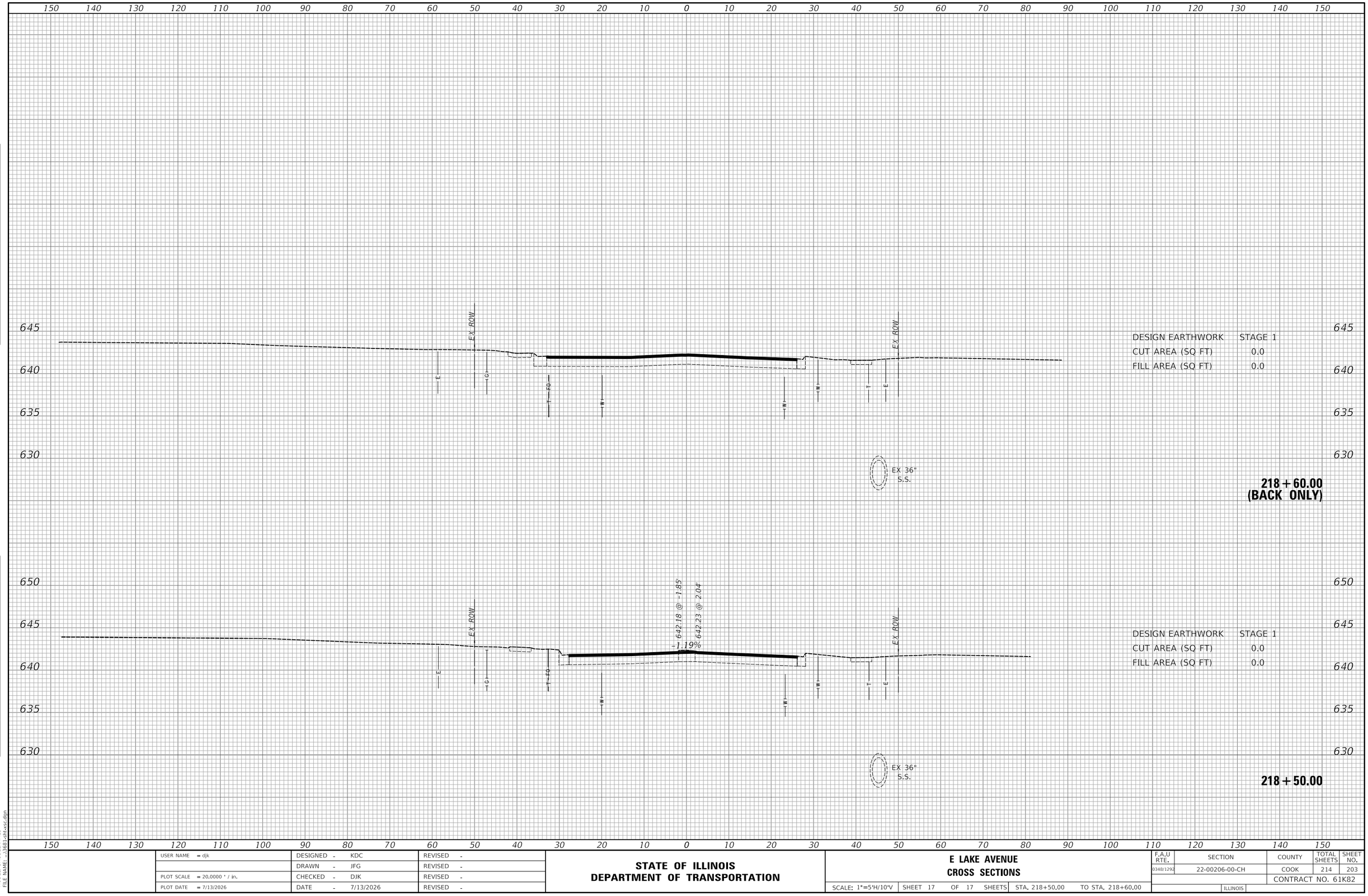
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	202
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-lnt-xsc.dgn

FINAL SURVEY	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

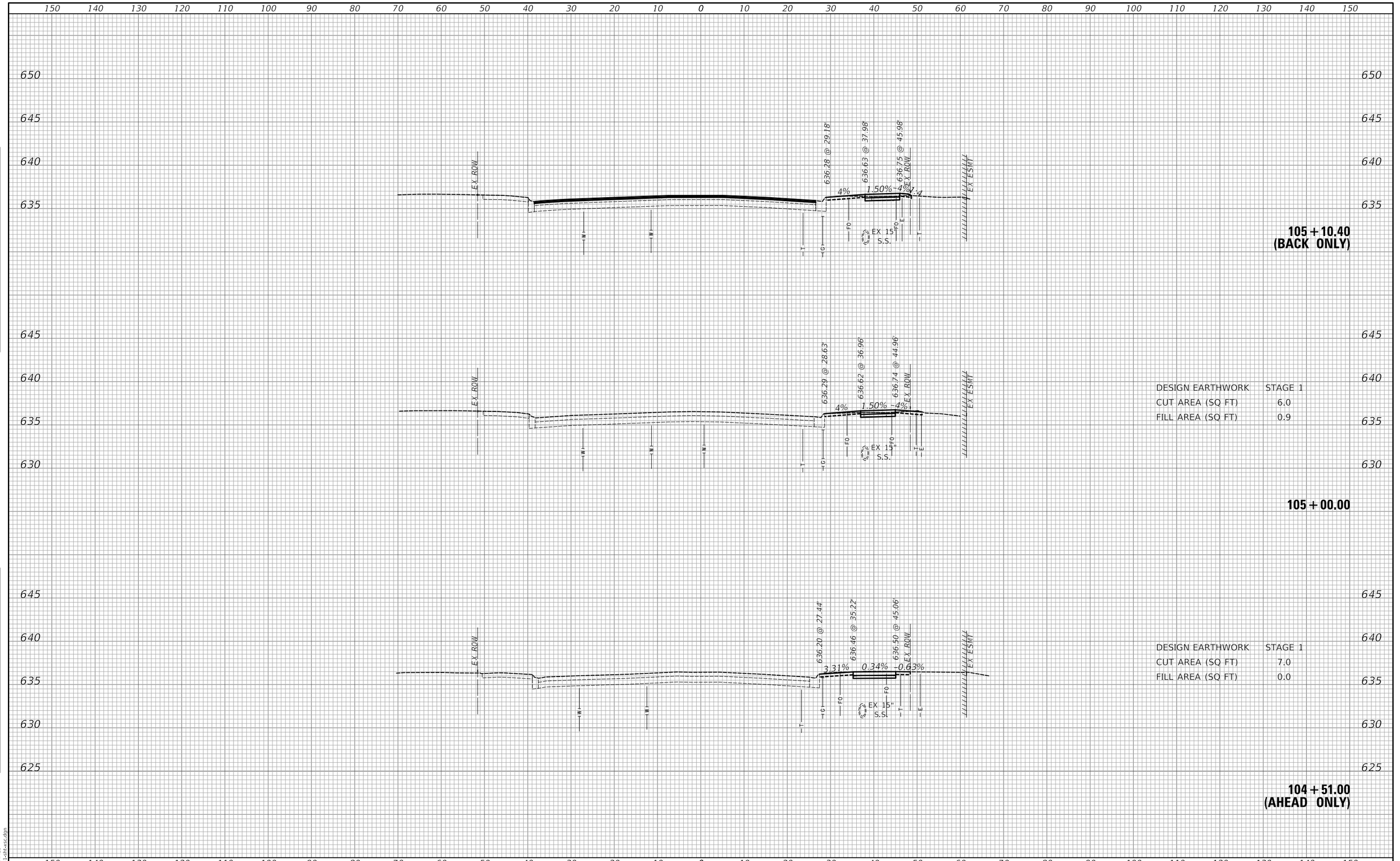


ORIGINAL SURVEY	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn

USER NAME = djk	DESIGNED - KDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	E LAKE AVENUE CROSS SECTIONS	
	DRAWN - JFG	REVISED -			
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -			
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -		SCALE: 1"=5'H/10'V | SHEET 17 OF 17 SHEETS | STA. 218+50.00 TO STA. 218+60.00	

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	203
		CONTRACT NO. 61K82		
	ILLINOIS			



DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	6.0
FILL AREA (SQ FT)	0.9

DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	7.0
FILL AREA (SQ FT)	0.0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn

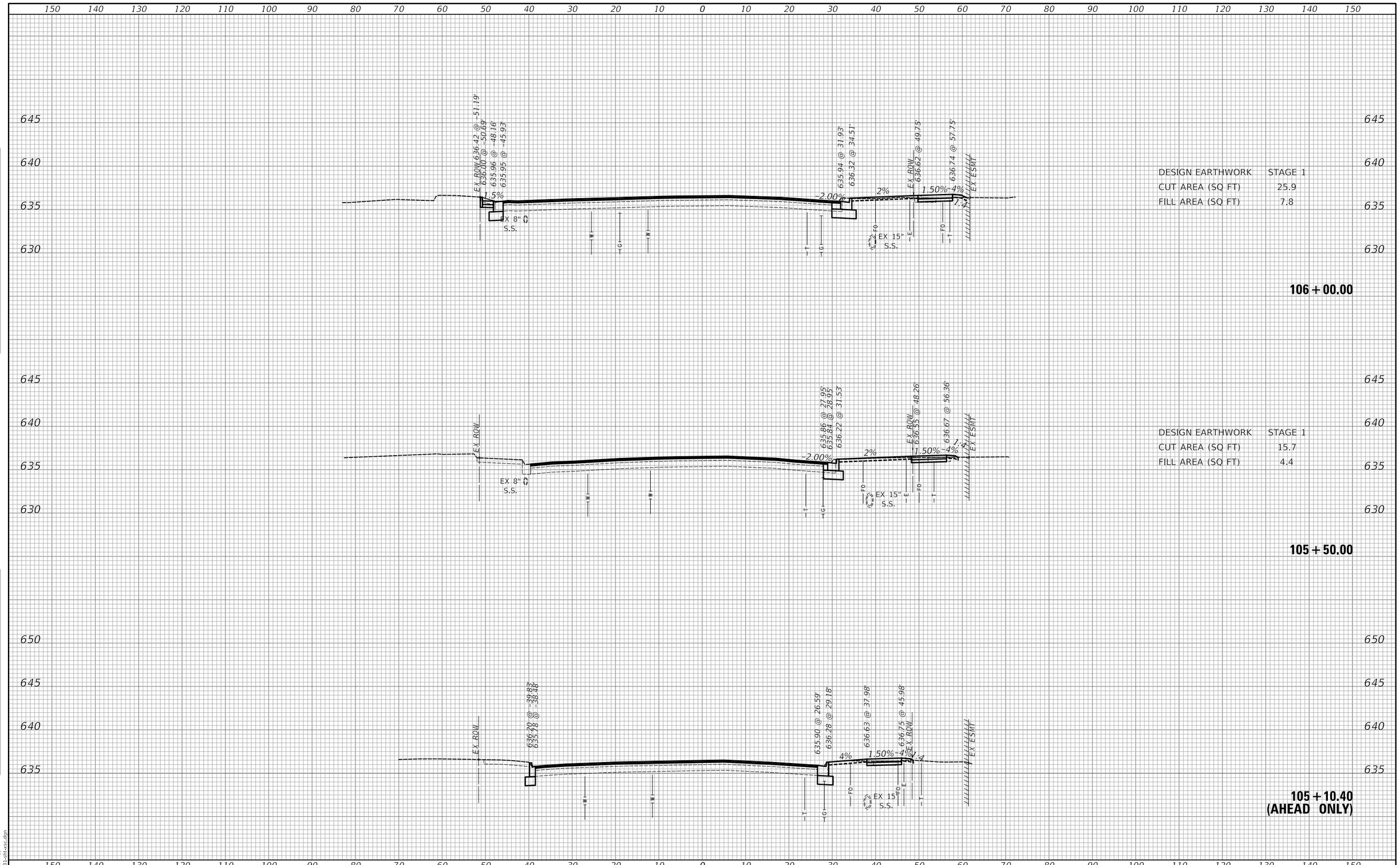
USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 43 (WAUKEGAN ROAD)
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 1 OF 11 SHEETS | STA. 104+51.00 TO STA. 105+10.40

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	204
		CONTRACT NO. 61K82		
	ILLINOIS			



USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

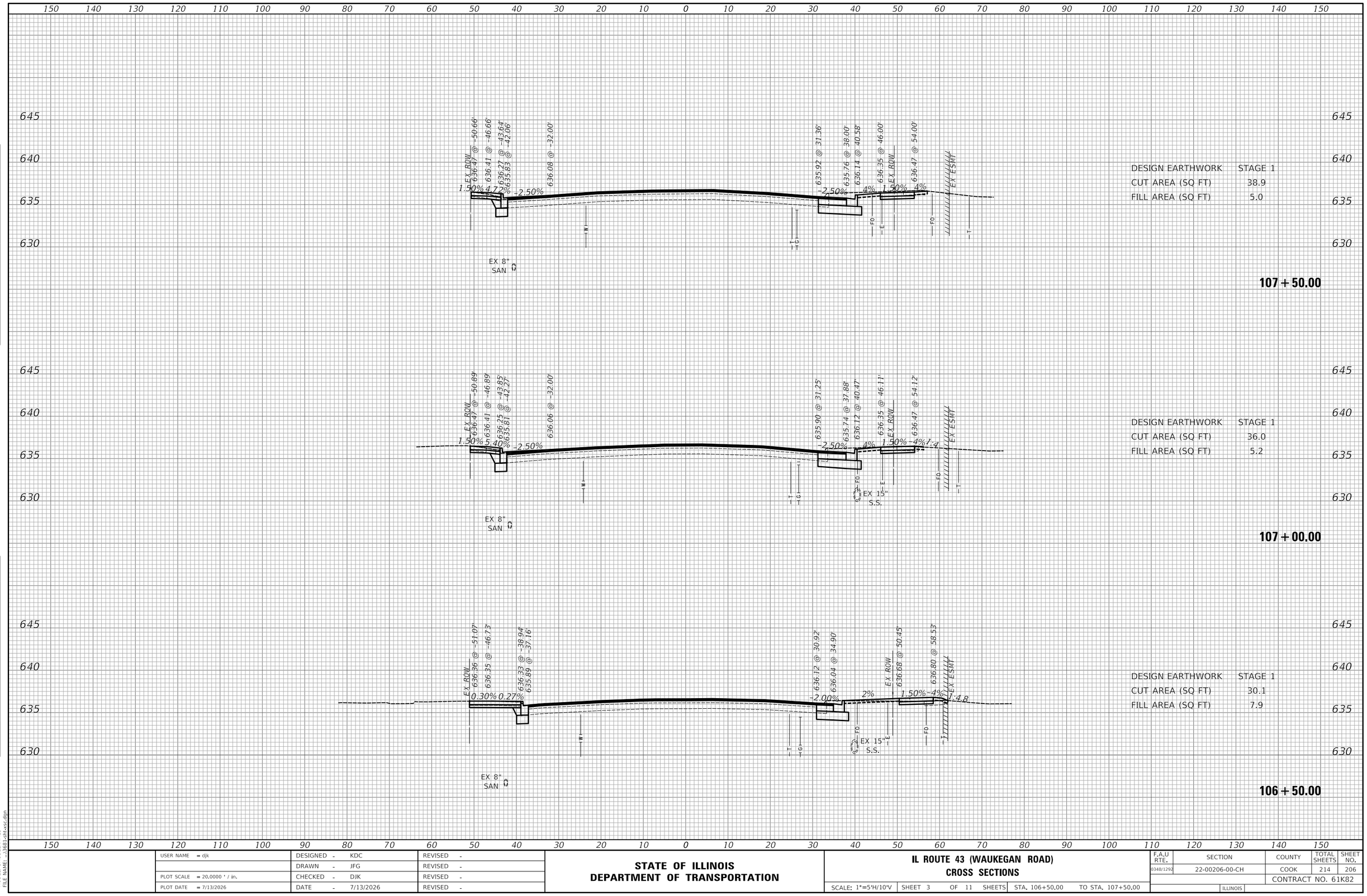
IL ROUTE 43 (WAUKEGAN ROAD)
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 2 OF 11 SHEETS | STA. 105+10.40 TO STA. 106+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	205
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-lrt-xsc.dgn



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: \$MODELNAME\$
FILE NAME: ...\361-cht-xsc.dgn

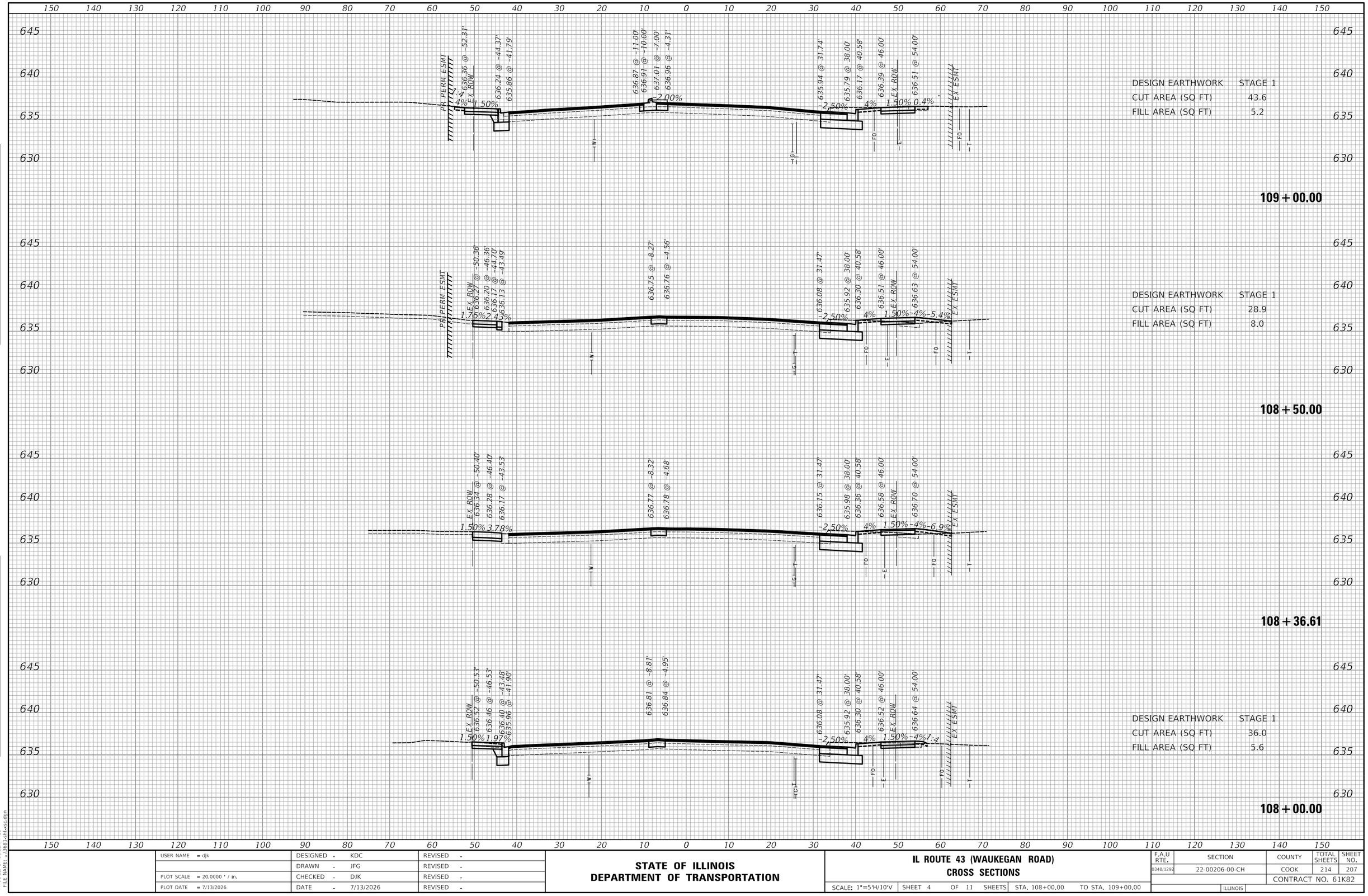
USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - JFG	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 43 (WAUKEGAN ROAD)
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 3 OF 11 SHEETS | STA. 106+50.00 TO STA. 107+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	206
		CONTRACT NO. 61K82		
	ILLINOIS			



USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JFG	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

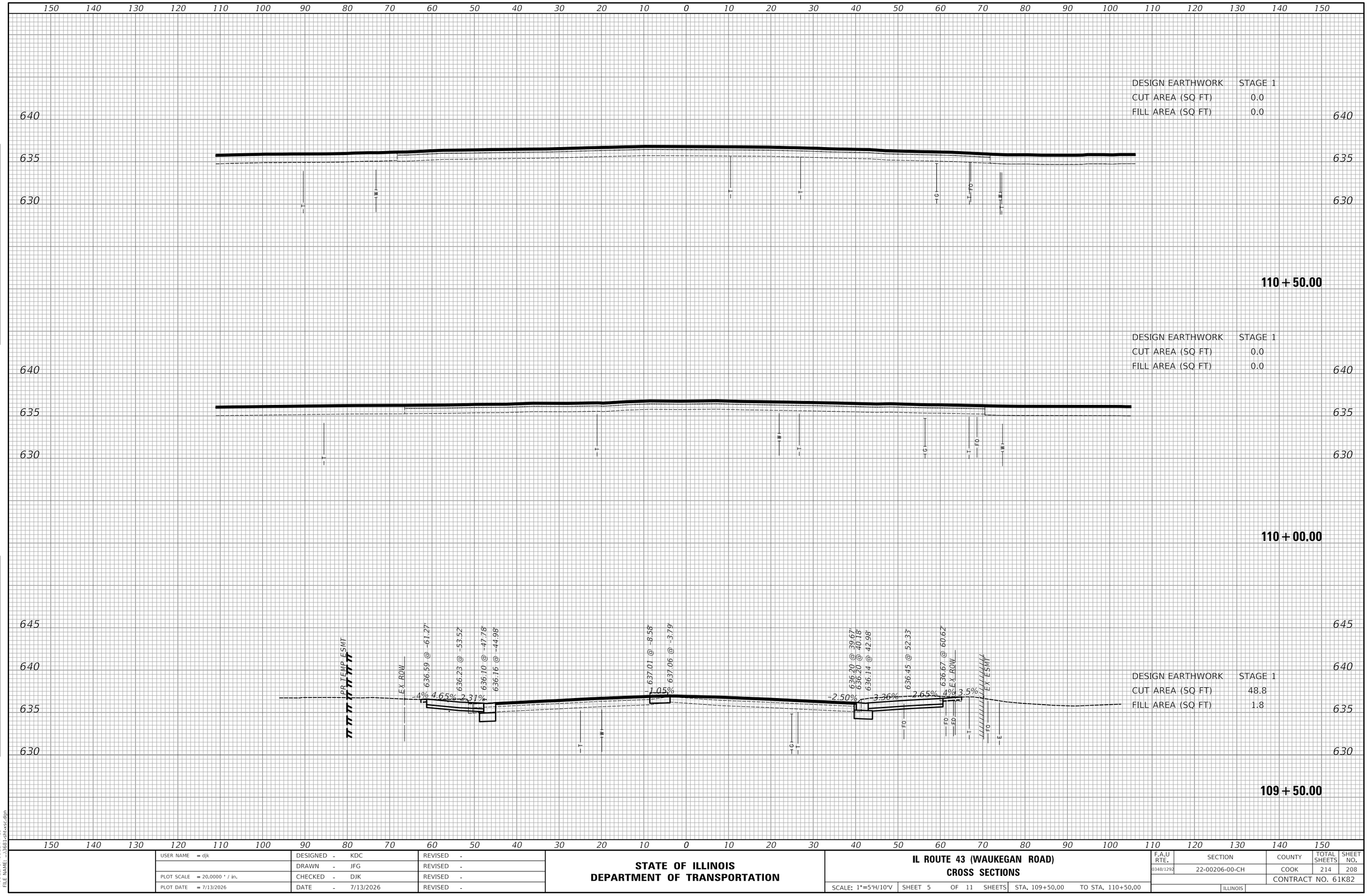
IL ROUTE 43 (WAUKEGAN ROAD)
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 4 OF 11 SHEETS | STA. 108+00.00 TO STA. 109+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	207
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: $MODELNAME$
FILE NAME: ...\3681-sht-xsc.dgn



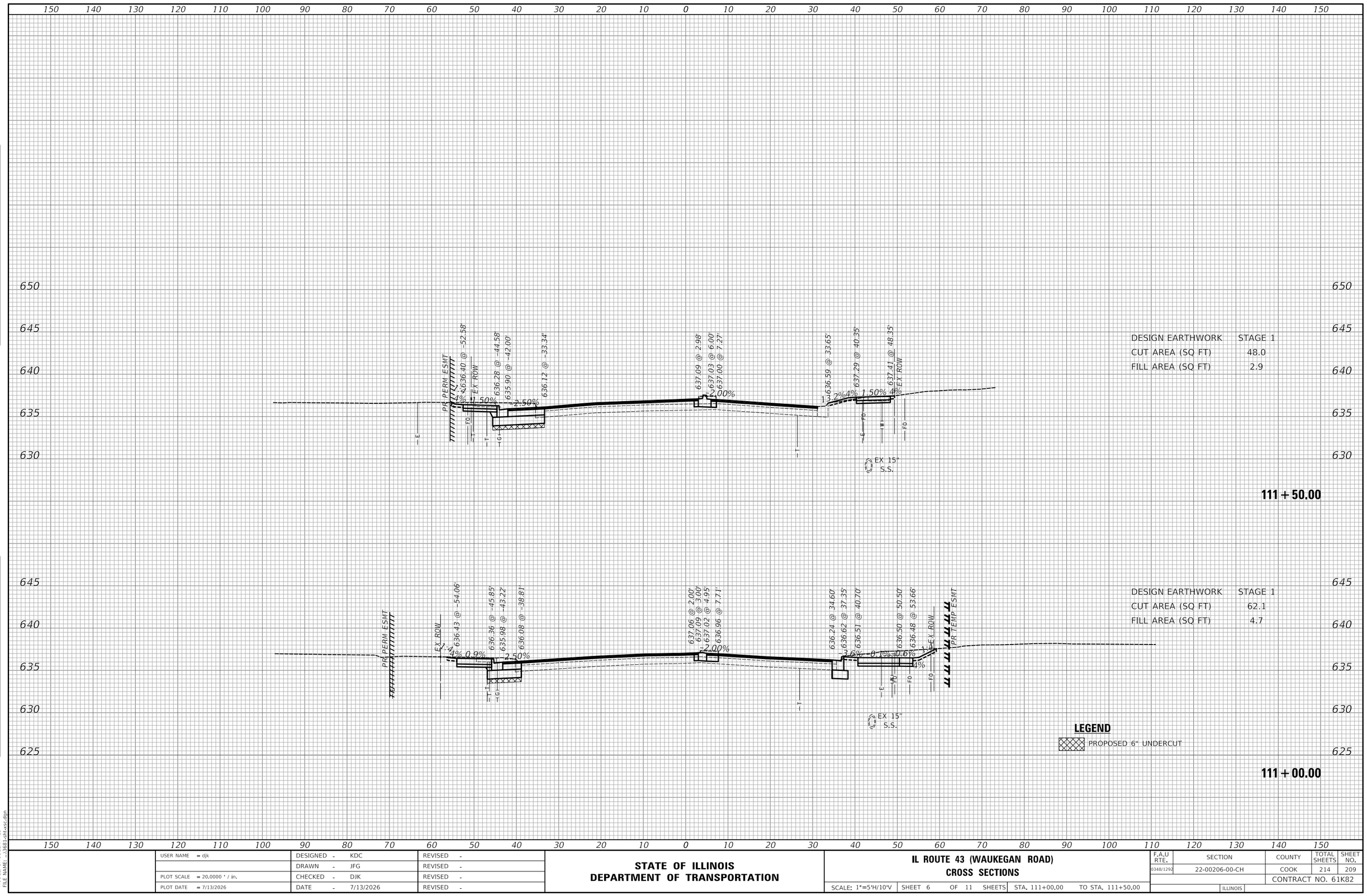
USER NAME = djk	DESIGNED - KDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 43 (WAUKEGAN ROAD) CROSS SECTIONS	
	DRAWN - JFG	REVISED -			
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -		SCALE: 1"=5'H/10'V SHEET 5 OF 11 SHEETS STA. 109+50.00 TO STA. 110+50.00	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -			

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	208
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn



USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JFG	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

IL ROUTE 43 (WAUKEGAN ROAD)
CROSS SECTIONS

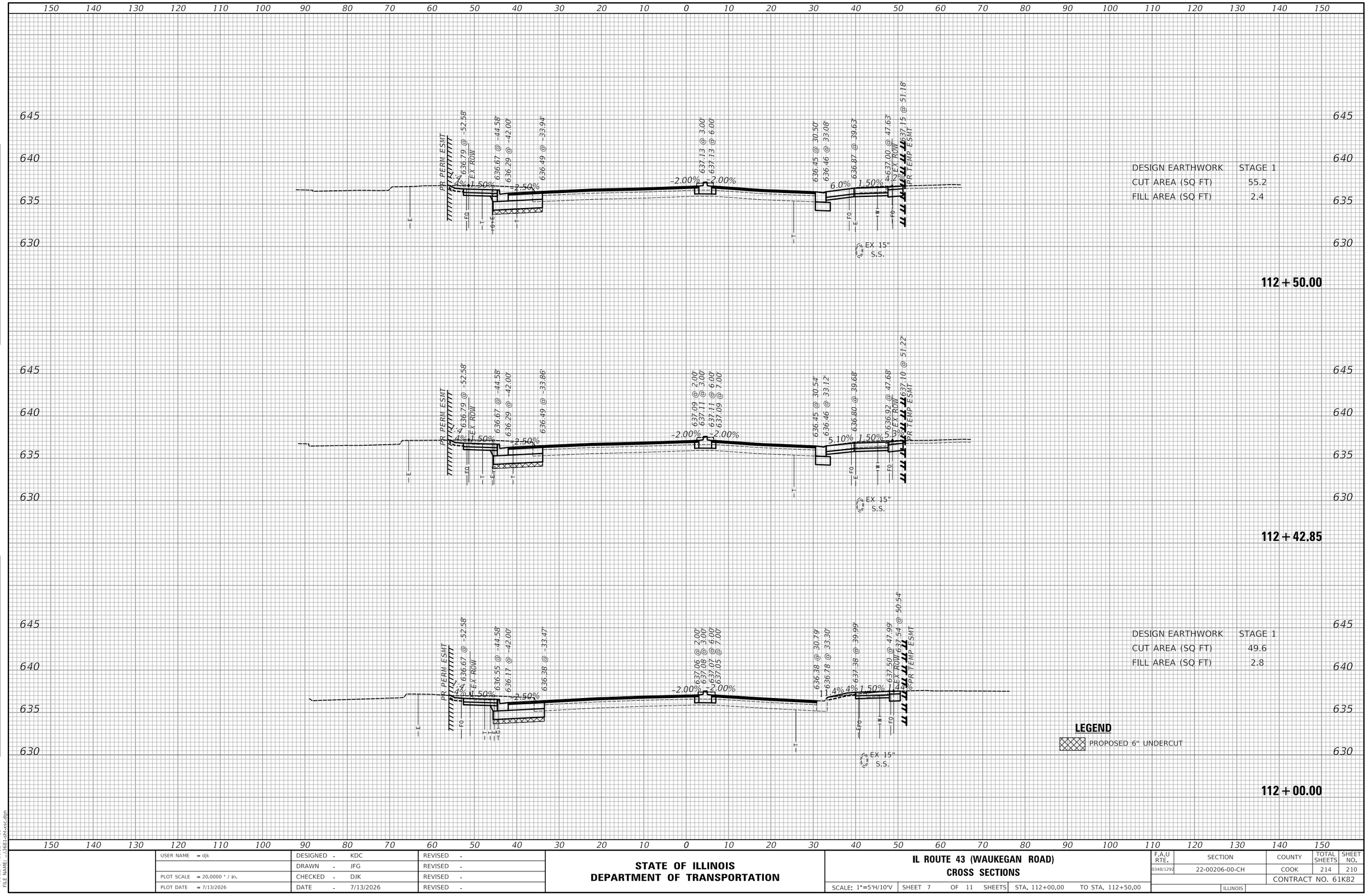
SCALE: 1"=5'H/10'V | SHEET 6 OF 11 SHEETS | STA. 111+00.00 | TO STA. 111+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	209
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

MODEL: SMODELNAMES
FILE NAME: ...\3681-int-xsc.dgn



FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

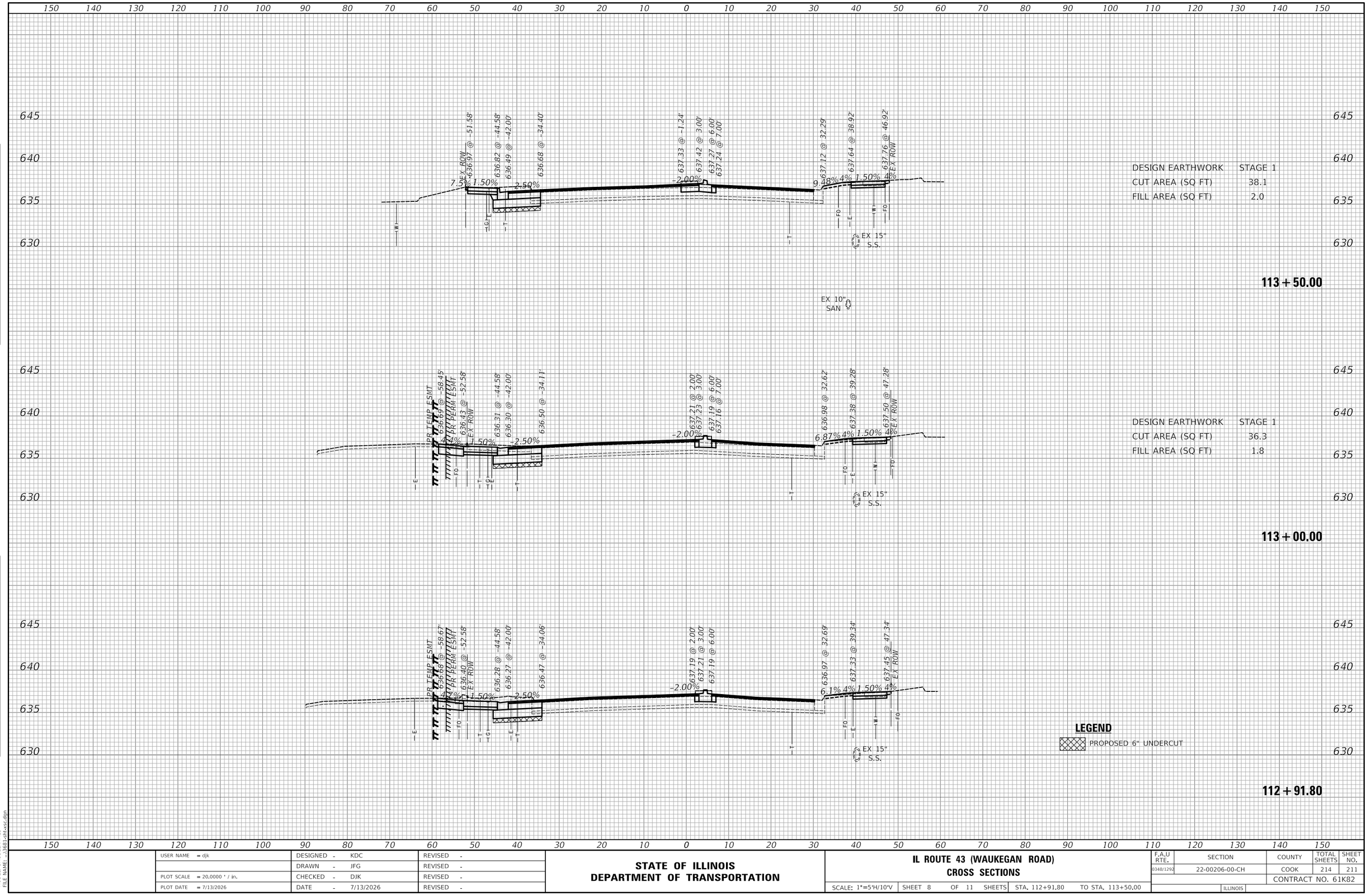
ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xs-c.dgn

USER NAME = djk	DESIGNED - KDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 43 (WAUKEGAN ROAD) CROSS SECTIONS
	DRAWN - JFG	REVISED -		
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -		SCALE: 1"=5'H/10'V SHEET 7 OF 11 SHEETS STA. 112+00.00 TO STA. 112+50.00
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -		

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	210
		CONTRACT NO. 61K82		
	ILLINOIS			



USER NAME = djk	DESIGNED - KDC	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JFG	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	**IL ROUTE 43 (WAUKEGAN ROAD)**
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	**CROSS SECTIONS**

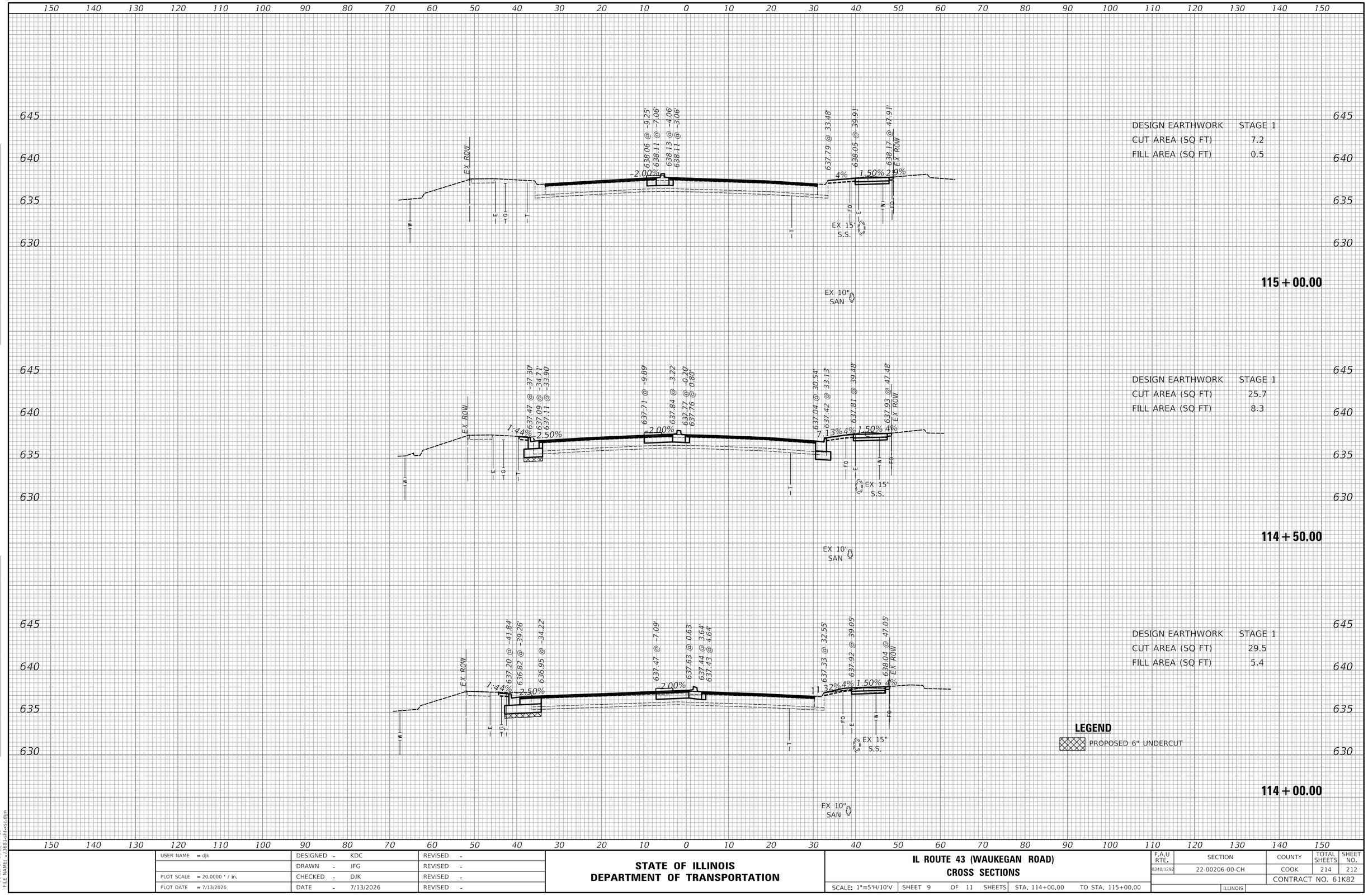
SCALE: 1"=5'H/10'V | SHEET 8 OF 11 SHEETS | STA. 112+91.80 | TO STA. 113+50.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	211
		CONTRACT NO. 61K82		
	ILLINOIS			

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xs-c.dgn



FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
BY
DATE
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: sMODELNAME=
FILE NAME: ...\368\sht-xsc.dgn

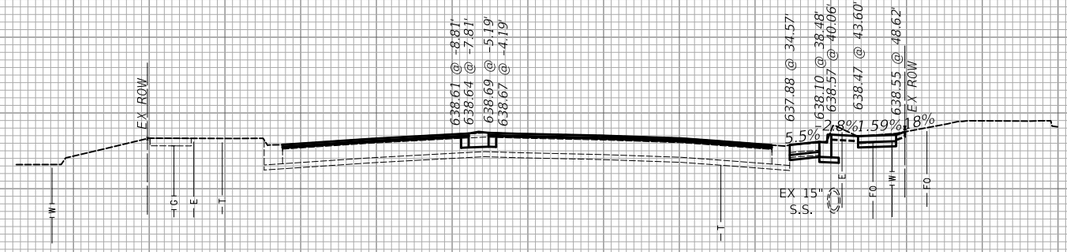
USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 43 (WAUKEGAN ROAD)
CROSS SECTIONS

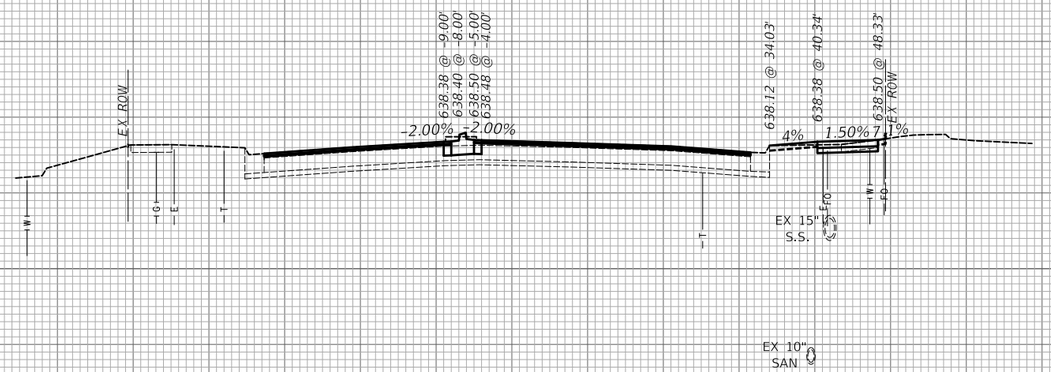
SCALE: 1"=5'H/10'V | SHEET 9 OF 11 SHEETS | STA. 114+00.00 | TO STA. 115+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	212
		CONTRACT NO. 61K82		
	ILLINOIS			



DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	9.8
FILL AREA (SQ FT)	2.3

645 640 635 630



DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	5.4
FILL AREA (SQ FT)	1.3

645 640 635 630

EX 10" SAN

116 + 00.00

115 + 50.00

EX 10" SAN

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = djk	DESIGNED - KDC	REVISED -	
	DRAWN - JFG	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -	
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 43 (WAUKEGAN ROAD)
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 10 OF 11 SHEETS | STA. 115+50.00 TO STA. 116+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	213
		CONTRACT NO. 61K82		
	ILLINOIS			

DATE | BY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | FINAL SURVEY | NOTE BOOK | NO.

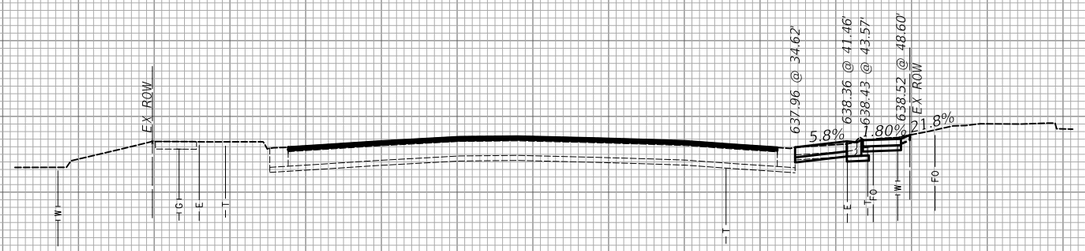
DATE | BY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | ORIGINAL SURVEY | NOTE BOOK | NO.

MODEL: SMODELNAME
FILE NAME: ...\3681-sht-xsc.dgn

ORIGINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

FINAL SURVEY	DATE
NOTE BOOK	BY
NO.	SURVEYED
	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



DESIGN EARTHWORK	STAGE 1
CUT AREA (SQ FT)	5.0
FILL AREA (SQ FT)	0.6

116 + 05.00
(BACK ONLY)

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

MODEL: SMODELNAMES
FILE NAME: ...\3681-sht-xsc.dgn

USER NAME = djk	DESIGNED - KDC	REVISED -
	DRAWN - JFG	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 7/13/2026	DATE - 7/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 43 (WAUKEGAN ROAD)
CROSS SECTIONS

SCALE: 1"=5'H/10'V | SHEET 11 OF 11 SHEETS | STA. 116+05.00 TO STA. 116+05.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1292	22-00206-00-CH	COOK	214	214
		CONTRACT NO. 61K82		
	ILLINOIS			