F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	1
	ILLINOIS	CONTRACT NO.: 61M29		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF WINNETKA

TRAFFIC DATA ADT:
WILLOW ROAD (WEST OF HIBBARD) = 17,488 (2023), 19,350 (2050)
WILLOW ROAD (EAST OF HIBBARD) = 11,591 (2023), 12,800 (2050)
HIBBARD ROAD (NORTH OF WILLOW) = 10,495 (2023), 11,600 (2050)
HIBBARD ROAD (SOUTH OF WILLOW) = 6,472 (2023), 7,150 (2050)

DESIGN / POSTED SPEED
WILLOW ROAD (WEST OF HIBBARD) = 35 MPH
WILLOW ROAD (EAST OF HIBBARD) = 30 MPH
HIBBARD ROAD = 30 MPH

DESIGN DESIGNATION
WILLOW ROAD – MINOR ARTERIAL
HIBBARD ROAD (NORTH OF WILLOW) – MINOR ARTERIAL
HIBBARD ROAD (SOUTH OF WILLOW) – MAJOR COLLECTOR

09-18-2026 LETTING ITEM 024

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

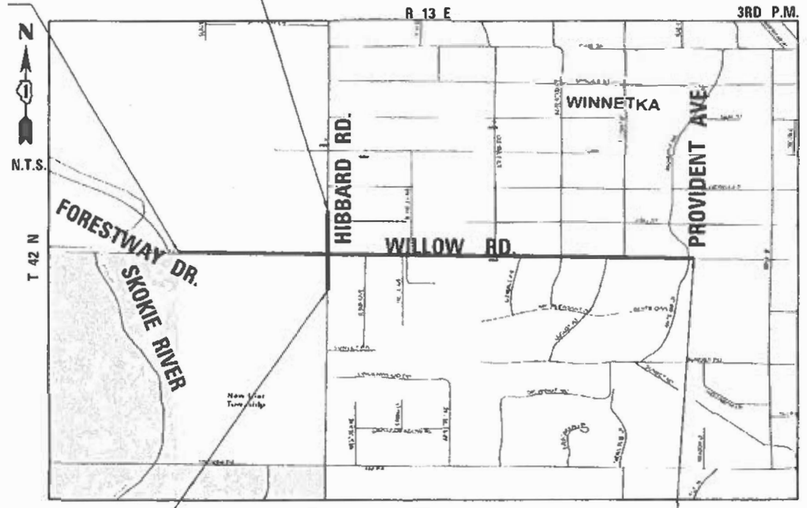
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 3561 (WILLOW ROAD)
FROM WEST VILLAGE LIMITS
TO PROVIDENT AVENUE
SECTION 08–00103–00–FP
ROADWAY RECONSTRUCTION
PROJECT NO. W0QM(228)
VILLAGE OF WINNETKA
COOK COUNTY
C–91–873–09

IMPROVEMENT LIMIT – HIBBARD ROAD (NORTH) STA. 209 + 16.88

BEGIN PROJECT STA. 18 + 01.18

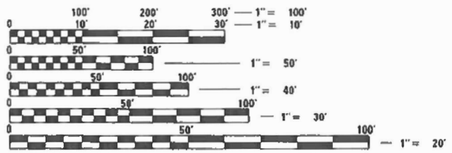


NEW TRIER TOWNSHIP LOCATION MAP

IMPROVEMENT LIMIT – HIBBARD ROAD (SOUTH) STA. 200 + 05.15

END PROJECT STA. 64 + 03.53

GROSS LENGTH = 4,602.35 FT. = 0.87 MILE
NET LENGTH = 4,602.35 FT. = 0.87 MILE



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

MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES 773–287–7672

CONTRACT NO.: 61M29

STRAND ASSOCIATES, INC.
MARC GRIGAS, P.E.
THIS STAMP APPLIES TO DRAWINGS NO. 1 TO 73 AND 108 TO 252
LICENSED PROFESSIONAL ENGINEER
MARC ANTHONY GRIGAS
062-060836
STATE OF ILLINOIS
2/20/26 exp. 11/30/27
DATE: 02/20/2025 EXP: 11/30/2027

STRAND ASSOCIATES, INC.
NATHAN RICK, P.E. S.E.
THIS STAMP APPLIES TO DRAWINGS NO. 89 TO 94
LICENSED STRUCTURAL ENGINEER
NATHAN D RICK
081.007039
ILLINOIS
2/20/2026 exp 11/30/27
DATE: 02/20/2026 EXP: 11/30/2026

STRAND ASSOCIATES, INC.
JAMES CANNING, P.E.
THIS STAMP APPLIES TO DRAWINGS NO. 74 TO 88 AND 95 TO 104
LICENSED PROFESSIONAL ENGINEER
JAMES F CANNING
062-076575
STATE OF ILLINOIS
2/20/2026 EXPIRES 11/30/27
DATE: 02/20/2026 EXP: 11/30/2027

LOCATION OF SECTION INDICATED THUS: –

STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED February 20th, 2026
James J. Bernahl
VILLAGE OF WINNETKA, DIRECTOR OF ENGINEERING/VILLAGE ENGINEER

PASSED MARCH 5, 2026
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 3/5/2026
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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IDOT DISTRICT ONE STANDARD DETAILS

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BD02	DRIVEWAY DETAIL - DISTANCE BETWEEN R.O.W. AND FACE OF CURB LESS THAN 15' (4.5 M)
BD24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD52	DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS
BE240	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC
BE702	MISCELLANEOUS ELECTRICAL DETAILS, SHEET A - (TYPICAL SPLICE, POLE WIRING, TRENCH DETAIL)
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TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC16	SHORT-TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC22	ARTERIAL ROAD INFORMATION SIGN
TC26	DRIVEWAY ENTRANCE SIGNING
TS01	STANDARD TRAFFIC SIGNAL DESIGN DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-11	PAVEMENT JOINTS
420106-07	36' (10.8 M) JOINTED PCC PAVEMENT
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE, TYPE A, 4'(1.22 M) DIAMETER
602402-03	PRECAST MANHOLE, TYPE A, 5'(1.52 M) DIAMETER
602406-11	PRECAST MANHOLE, TYPE A, 6'(1.83 M) DIAMETER
602501-06	PRECAST VALVE VAULT, TYPE A, 4'(1.22 M) DIAMETER
602506-03	PRECAST VALVE VAULT, TYPE A, 5'(1.52 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
604051-04	FRAME AND GRATE, TYPE 11
604056-04	FRAME AND GRATE, TYPE 11V
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15'(4.5 M) TO 24"(600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5 M) TO 24"(600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
836001-05	LIGHT POLE FOUNDATION
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877011-10	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

VILLAGE OF WINNETKA STANDARD DETAILS

TYPICAL HMA DRIVEWAY
TYPICAL PCC DRIVEWAY

MODEL: Default
FILE NAME: S:\JOL\1600-1699\16190308\Drawings\CAD\Micros-SS4\CAD Sheets\16190308-sht-Index.dgn

STRAND ASSOCIATES®
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(815) 744-4200

USER NAME = AlexaM	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/21/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, IDOT HIGHWAY STANDARDS & IDOT DISTRICT ONE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	2
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (STANDARD SPECIFICATIONS), ADOPTED IN 2022, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED IN 2026, THE DETAILS IN THESE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
3. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL THE DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. 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.
6. TEN FOOT TRANSITIONS SHALL BE USED TO TRANSITION PROPOSED CURB AND GUTTER TO EXISTING CURBS AND GUTTERS, AND BETWEEN DIFFERENT PROPOSED CURB AND GUTTERS UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.
7. THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1".
8. ALL SIGN RELOCATIONS AND PROPOSED SIGNS SHALL BE PLACED IN THE LOCATION INDICATED IN THE SIGN SCHEDULE IN THE SCHEDULE OF QUANTITIES. ALL SIGNS SHALL BE INSTALLED ACCORDING TO THE ILLINOIS SUPPLEMENT TO THE MUTCD AND THE ILLINOIS STANDARD SPECIFICATIONS.
9. IT IS ASSUMED THAT THE TOP 6" OF THE EXISTING GROUND OUTSIDE THE PAVEMENT SHALL BE EXCAVATED AND RE-SPREAD.
10. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE." REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
11. THE RESIDENT ENGINEER SHALL CONTACT FADI SULTAN, ARTERIAL TRAFFIC FIELD ENGINEER VIA EMAIL AT FADI.SULTAN@ILLINOIS.GOV AT LEAST (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
12. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
13. IF ANY CULTURAL OR ARCHAEOLOGICAL RESOURCES ARE UNCOVERED DURING CONSTRUCTION, PLEASE STOP WORK AND CONTACT THE FOLLOWING PERSON:

    JOSEPH M. GALLOY, PHD, RPA
    CULTURAL RESOURCES UNIT MANAGER
    CHIEF ARCHAEOLOGIST & NAGPRA OFFICER
    JOSEPH.GALLOY@ILLINOIS.GOV
14. ROCKFILL, GEOTECHNICAL FABRIC FOR GROUND STABILIZATION, TRIAXIAL GRID, 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 THE ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICAL 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
15. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.
16. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
17. ANY AGGREGATE SUBGRADE CONTMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
18. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ARTICLE 550.07(B,C) OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
19. 16 FEET OF TEMPORARY FENCE IS ESTIMATED FOR EACH TREE TO BE PROTECTED. LENGTH OF TEMPORARY FENCE USED FOR TREE PROTECTION SHALL BE DETERMINED BY THE ENGINEER.

EXISTING UTILITIES

1. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE CAUSED.
2. 48 PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND ALL OTHER PUBLIC AND PRIVATE UTILITIES FOR VERIFICATION OF ALL UTILITY LOCATIONS IN THE FIELD.
3. THE CONTRACTOR SHALL COORDINATE WITH ALL ABOVE AND UNDERGROUND UTILITY COMPANIES IF UTILITIES NEED TO BE RELOCATED. THE CONTRACTOR SHALL ENSURE ALL PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK.
4. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.

ENVIRONMENTAL COMMITMENTS

1. TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.
2. DIRECT TEMPORARY LIGHTING AWAY FROM SUITABLE HABITAT DURING THE ACTIVE SEASON.
3. UTILIZING THE BUG SYSTEM, THE PROJECT SHOULD BE AS CLOSE TO 0 FOR ALL THREE RATINGS WITH A PRIORITY OF "UPLIGHT" OF 0 AND "BACKLIGHT" AS LOW AS PRACTICABLE.

WATER MAIN

1. WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST VERSION.
2. EXISTING WATER MAIN LOCATION AND DEPTHS SHOWN ON THE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATION AS NECESSARY TO DETERMINE THE EXISTING LOCATION, DEPTH, MATERIAL, AND SIZE OF WATER MAIN.
3. ALL DUCTILE IRON WATER MAIN SHALL BE DUCTILE IRON CLASS 55, DESIGNED IN ACCORDANCE WITH ANSI/AWWA C151/A21.51. EXTERIOR OF PIPE SHALL HAVE A BITUMINOUS COATING, AS SPECIFIED IN AWWA C151. INNER SURFACE OF ALL DUCTILE IRON WATER PIPE SHALL HAVE A CEMENT MORTAR LINING IN ACCORDANCE WITH THE REQUIREMENTS OF AWWA C104.
4. ALL JOINTS SHALL BE DUCTILE IRON WITH GASKETED BELL AND SPIGOT TYPE PUSH-ON TYTON JOINTS OR MECHANICAL JOINTS IN ACCORDANCE WITH ANSI/AWWA C111/A21. ALL WATER MAIN PIPE FITTINGS SHALL BE DUCTILE IRON CLASS 55 CONFORMING TO REQUIREMENTS OF ANSI/AWWA C110/A21.10 AND ANSI/AWWA C111/A21.11
5. ALL WATER MAIN FITTINGS SHALL HAVE A CEMENT MORTAR LINING IN ACCORDANCE WITH THE REQUIREMENTS OF ANSI/AWWA C104/A21.4.
6. MEGA-LUG RETAINERS SHALL BE USED AT ALL CONNECTIONS OF WATER MAINS TO BENDS. TEES. CROSSES. REDUCERS, AND OTHER FITTINGS. ALL MECHANICAL JOINTS SHALL HAVE A MINIMUM OF SIX (6) TWIST-OFF NUTS. THE NUMBER OF PIPES FOR RESTRAINT SHALL BE IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS, OR MANUFACTURER RECOMMENDATIONS, WHICHEVER IS GREATER.
7. UNLESS OTHERWISE NOTES ON THE PLANS, ALL WATER MAIN VALVES SIZED UP TO AND INCLUDING 12 INCHES SHALL BE INSTALLED WITHIN 5-FOOT DIAMETER VALVE VAULT. ALL WATER MAIN VALVES SIZED ABOVE 12 INCHES SHALL BE INSTALLED WITHIN A 6-FOOT DIAMETER VALVE VAULT.
8. ALL VALVES EXCEPT AUXILIARY VALVES SHALL BE RIGHT-TO-OPEN.
9. THE VILLAGE OF WINNETKA IS SOLELY RESPONSIBLE FOR OPENING ALL WATER VALVES AND FIRE HYDRANTS ON THE PROJECT.
10. A 48-HOUR NOTICE IS REQUIRED PRIOR TO ANY WATER SHUT OFF TO NOTIFY AFFECTED AREAS. CONTRACTOR TO NOTIFY THE VILLAGE OF WINNETKA 48 HOURS IN ADVANCE OF ANY REQUIRED OPERATIONS.
11. CONTRACTOR SHALL PROTECT WATER MAIN AT ALL TIMES DURING CONSTRUCTION.
12. WHERE WATER MAIN MUST BE CONSTRUCTUED WITH LESS THAN 40 INCHES OF COVER TO TOP OF PIPE, OR AS REQUESTED BY ENGINEER, CONTRACTOR SHALL INSTALL INSULATION IN ACCORDANCE WITH DETAIL ON SHEET.

STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = AlexaM	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	3
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DL\1600-1699\1619058\Drawings\CAD\Micro-SSA\CAD_Sheets\1619058-sht-General Notes.dgn

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 (LATEST EDITION), 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 (SSWSC) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   - VILLAGE OF WINNETKA 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 SYSTEMS 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 WINNETKA ENGINEERING DEPARTMENT, WINNETKA SCHOOL DISTRICT NO. 36, WINNETKA PARK DISTRICT, AND PUBLIC MUST BE NOTIFIED AT LEAST 72 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). CONVERSION FACTOR IS 3.048 FT.

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 VILLAGE OF WINNETKA, STRAND ASSOCIATES, INC., WINNETKA PARK DISTRICT, WINNETKA SCHOOL DISTRICT NO. 36, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY 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 APPROVED 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 SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

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 SANITARY 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-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

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 HUB-WYE SADDLE OR HUB-TEE SADDLE.
   b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE 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 WATER MAIN 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 OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN 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 CONTRACTOR 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 ACCORDANCE 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. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.

12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES 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 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 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 CONTRCTOR 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 DISCHARGE 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.14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS.

STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = AlexaM	DESIGNED -	REVISED -
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PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	4
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: S:\UO\L1600-1699\16199SB\Drawings\CAD\Micros-Soft\CAD Sheets\16199SB-tht-General Notes_MWRD.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
	20101000	TEMPORARY FENCE	FOOT	1,728	1,728				
+	20101200	TREE ROOT PRUNING	EACH	55	55				
	20200100	EARTH EXCAVATION	CU YD	15,118	15,118				
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	12,867	12,867				
	20400800	FURNISHED EXCAVATION	CU YD	3,386	3,386				
	20800150	TRENCH BACKFILL	CU YD	2,158	2,158				
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	19,301	19,301				
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	23,758	23,758				
+	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	294	294				
+	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	294	294				
+	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	294	294				
+	25200110	SODDING, SALT TOLERANT	SQ YD	23,758	23,758				
+	25200200	SUPPLEMENTAL WATERING	UNIT	1,283	1,283				
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,963	1,963				
	28000400	PERIMETER EROSION BARRIER	FOOT	3,087	3,087				

+ INDICATES SPECIALTY ITEM
* INDICATES CONSTRUCTION CODE 0042

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	DRAWN - DJW	REVISED -	
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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 1 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	5
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOL\1600--1699\16190SB\Drawings\CADM\Micro-SS4\CAD_Sheets\16190S8-sht-SOO.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
28000500	INLET AND PIPE PROTECTION	EACH	13	13				
28000510	INLET FILTERS	EACH	201	201				
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	23,758	23,758				
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	12,867	12,867				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	24,442	24,442				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	5,082	5,082				
35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	448	448				
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	449	449				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	730	730				
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	214	214				
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	158	158				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	292	292				
42300500	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 9 INCH	SQ YD	157	157				
42400800	DETECTABLE WARNINGS	SQ FT	575	575				
44000100	PAVEMENT REMOVAL	SQ YD	21,003	21,003				

+ INDICATES SPECIALTY ITEM
* INDICATES CONSTRUCTION CODE 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 2 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	6
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOT\1600--1699\16190SB\Drawings\CADM\Micro-SS4\CAD_Sheets\16190S8-sht-SQQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	955	955				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	11,250	11,250				
44000600	SIDEWALK REMOVAL	SQ FT	44,338	44,338				
50200100	STRUCTURE EXCAVATION	CU YD	10,039		10,039			
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	991		991			
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	458		458			
54011004	PRECAST CONCRETE BOX CULVERTS 10' X 4'	FOOT	2,025		2,025			
550A0326	STORM SEWERS, CLASS A, TYPE 2 6"	FOOT	518	518				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,574	1,574				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	101	101				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	16	16				
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	680	680				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	81	81				
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	74	74				
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	39	39				

+ INDICATES SPECIALTY ITEM
* INDICATES CONSTRUCTION CODE 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 3 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	7
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOT\1600--1699\16190SB\Drawings\CAD\Micro-SS4\CAD_Sheets\16190S8-sht-SOQ.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
	55100200	STORM SEWER REMOVAL 6"	FOOT	6	6				
	55100300	STORM SEWER REMOVAL 8"	FOOT	84	84				
	55100400	STORM SEWER REMOVAL 10"	FOOT	317	317				
	55100500	STORM SEWER REMOVAL 12"	FOOT	569	569				
	55100700	STORM SEWER REMOVAL 15"	FOOT	292	292				
	55100900	STORM SEWER REMOVAL 18"	FOOT	207	207				
	55101200	STORM SEWER REMOVAL 24"	FOOT	52	52				
	55101600	STORM SEWER REMOVAL 36"	FOOT	49	49				
	55101900	STORM SEWER REMOVAL 48"	FOOT	98	98				
+	56100700	WATER MAIN 8"	FOOT	340		340			
+	56100800	WATER MAIN 10"	FOOT	120		120			
+	56100900	WATER MAIN 12"	FOOT	1,220		1,220			
+	56101000	WATER MAIN 16"	FOOT	1,840		1,840			
+	56200500	WATER SERVICE LINE 1 1/2"	EACH	23		23			
+	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	12		12			

+ INDICATES SPECIALTY ITEM
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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 4 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	8
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOL\11600--16991619105BD\Drawings\CAD\Micro-SSA\CAD_Sheets\16190S8-sht-SOQ.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
+	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	15		15			
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	5,019		5,019			
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	10		10			
	60100905	PIPE DRAINS 4"	FOOT	8	8				
	60100915	PIPE DRAINS 6"	FOOT	8	8				
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	2,200	2,200				
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2				
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	8	8				
	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	75	75				
	60204825	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	3	3				
	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	9	9				
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5				
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10	10				
	60224461	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1				
	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 5 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	9
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOL\1600--1699\16190SB\Drawings\CADM\Micro-SSt\CAD_Sheets\16190S8-sht-SOQ.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	32	32				
	60260100	INLETS TO BE ADJUSTED	EACH	2	2				
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2				
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2				
	60403800	LIDS, TYPE 1, CLOSED LID	EACH	10	10				
	60404800	FRAMES AND GRATES, TYPE 11	EACH	1	1				
	60404805	FRAMES AND GRATES, TYPE 11V	EACH	1	1				
+	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10,130	10,130				
+	66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6				
+	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1				
+	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1				
+	66901005	ENGINEERED BARRIER	SQ YD	2,207	2,207				
+	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	250	250				
	67100100	MOBILIZATION	L SUM	1	1				
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	350	350				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 6 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	10
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOL\1600--1699\1610\05B\Drawings\CADM\Micro-SS4\CAD_Sheets\16190S8-sht-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	9,086	9,086				
70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	1,267	1,267				
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	19,552	19,552				
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	1,824	1,824				
70303140	TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE	FOOT	792	792				
70303160	TEMPORARY PAVEMENT MARKING - LINE 12" - MODIFIED URETHANE	FOOT	88	88				
70303210	TEMPORARY PAVEMENT MARKING - LINE 24" - MODIFIED URETHANE	FOOT	265	265				
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	1,267	1,267				
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	19,552	19,552				
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	1,824	1,824				
70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	792	792				
70307160	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	88	88				
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	265	265				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,275	2,275				
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	975	975				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 7 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	11
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOT\1600--1699\16190SB\Drawings\CAD\Micro-SSt\CAD_Sheets\16190S8-sht-SOO.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2,875	2,875				
	70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	5	5				
	70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	12	12				
+	72000100	SIGN PANEL - TYPE 1	SQ FT	417	417				
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	68	68				
	72400205	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	8	8				
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	511	511				
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	110	110				
	72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	30			30		
+	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	934	934				
+	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	69	69				
+	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	416	416				
+	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	6,168	6,168				
+	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2,746	2,746				
+	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	570	570				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 8 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	12
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOT\1600--1699\16190SB\Drawings\CAD\Micro-SSI\CAD_Sheets\16190S8-sht-SQQ.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
+	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	397	397				
+	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	227	227				
+	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	416	416				
+	78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	5,726	5,726				
+	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2,829	2,829				
+	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	570	570				
+	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	397	397				
+	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	227	227				
+	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	193	193				
+	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	6,497	6,497				
+	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,271	1,271				
+	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	87			87		
+	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	40			40		
+	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	413			413		
+	81400100	HANDHOLE	EACH	3			3		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 9 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	13
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOT\1600--1699\16190SB\Drawings\CAD\Micro-SSAI\CAD_Sheets\16190S8-sht-SOQ.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
+	81400300	DOUBLE HANDHOLE	EACH	2			2		
+	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,350				1,350	
+	81800240	AERIAL CABLE, 2-1/C NO. 8 WITH MESSENGER WIRE	FOOT	300				300	
+	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2				2	
+	84200804	REMOVAL OF POLE FOUNDATION	EACH	2				2	
+	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1		
+	85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	4					4
+	85100600	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	1					1
+	85100701	PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	EACH	3					3
+	87301115	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 2C	FOOT	1,107			1,107		
+	87301125	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 3C	FOOT	1,445			1,445		
+	87301145	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 5C	FOOT	1,108			1,108		
+	87301155	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 7C	FOOT	1,790			1,790		
+	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	112			112		
+	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	506			506		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 10 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	14
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOL\1600--1699\16190SB\Drawings\CAD\Micro-SS4\CAD_Sheets\16190S8-sht-SOQ.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
+	87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	4			4		
+	87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1			1		
+	87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	2			2		
+	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1			1		
+	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20			20		
+	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4			4		
+	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5			13.5		
+	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39			39		
+	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4			4		
+	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2		
+	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6			6		
+	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6			6		
+	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8			8		
+	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10			10		
+	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 11 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	15
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOT\1600--1699\16190SB\Drawings\CAD\MicroStation\CAD_Sheets\16190SB-sht-SQQ.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
+	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2					2
+	89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1					1
+	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1		
+	89502380	REMOVE EXISTING HANDHOLE	EACH	3			3		
+	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1			1		
+	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	11	4		7		
+	K0036118	MULCH PLACEMENT 3"	SQ YD	565	565				
+	X0323760	SANITARY SEWER SERVICE, 6" PVC, COMPLETE	EACH	14		14			
+	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	297					297
	X0327487	TRIAXIAL GEOGRID REINFORCEMENT, TYPE I	SQ YD	15,014	15,014				
+	X1200015	VALVE VAULTS TO BE ABANDONED	EACH	13		13			
	X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)	EACH	3	3				
	X1200087	JUNCTION CHAMBER NO. 1	EACH	1		1			
+	X1200246	WATERMAIN CASING PIPE	FOOT	856		856			
+	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1			1		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 12 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	16
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DLL\1600--1699\16190SB\Drawings\CAD\Micro-SSI\CAD_Sheets\16190S8-sht-SOQ.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	50	50				
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	13	13				
	X4024100	TEMPORARY ACCESS (WINTERIZE)	SQ YD	2,394	2,394				
	X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	253	253				
	X4240114	TEMPORARY SIDEWALK	SQ FT	500	500				
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	SQ FT	45,206	45,206				
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1,145	1,145				
	X5230301	DRAINAGE STRUCTURES, NO. 1	EACH	13	13				
	X5510010	STORM SEWER CONNECTION	EACH	34	34				
+	X5610752	WATER MAIN LINE STOP 12"	EACH	2		2			
+	X5610804	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	19		19			
+	X5620126	WATER SERVICE LINE (SPECIAL)	FOOT	1,750		1,750			
+	X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	4		4			
+	X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	8		8			
+	X5630016	CUT AND CAP EXISTING 16" WATER MAIN	EACH	2		2			

+ INDICATES SPECIALTY ITEM
* INDICATES CONSTRUCTION CODE 0042

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PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 13 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	17
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DLL\1600--1699\16190SB\Drawings\CADM\Micro-SS4\CAD_Sheets\16190S8-sht-SOO.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
	X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	3,359		3,359			
+	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10		10			
+	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	5		5			
+	X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	5		5			
+	X6026614	GATE VALVE 8" WITH VAULT, 5' DIAMETER	EACH	8		8			
+	X6026615	GATE VALVE 12" WITH VAULT, 5' DIAMETER	EACH	10		10			
+	X6026622	VALVE VAULTS TO BE REMOVED	EACH	9		9			
	X6050176	PLUG EXISTING CULVERTS	EACH	1	1				
	X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	420	420				
	X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	11,246	11,246				
	X6640206	TEMPORARY CHAIN LINK FENCE, 6'	FOOT	620	620				
	X6640630	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	170	170				
	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	12	12				
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	139	139				

+ INDICATES SPECIALTY ITEM
* INDICATES CONSTRUCTION CODE 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 14 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	18
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
+	X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	180	180				
	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	52	52				
+	X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	52	52				
+	X8211004	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION D	EACH	4				4	
+	X8212031	LUMINAIRE, TYPE A (SPECIAL)	EACH	4				4	
+	X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	1				1	
+	X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1				1	
+	X8570224	FULL-ACTUATED CONTROLLER AND TYPE IV STRETCHED CABINET	EACH	1			1		
+	X8620200	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1			1		
+	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	12			8		4
+	X8809005	LED SIGNAL FACE, LENS COVER	EACH	18			18		
+	X8891009	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	4			4		
+	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	10	9		1		
+	X8900106	TEMPORARY TRAFFIC SIGNAL TIMING (SPECIAL)	EACH	3	3				
+	XX006800	LEAD WATER SERVICE REPLACEMENT	EACH	10		10			

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* INDICATES CONSTRUCTION CODE 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 15 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	19
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
+	XX008959	DUCTILE IRON WATER MAIN (SPECIAL)	FOOT	1,520		1,520			
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	71	71				
	Z0019600	DUST CONTROL WATERING	UNIT	6	6				
+	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1			1		
	Z0054400	ROCK FILL	CU YD	988		988			
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	828	828				
	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	34	34				
	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	105	105				
+	Z0056900	SANITARY SEWER 8"	FOOT	1,180		1,180			
+	Z0057300	SANITARY SEWER 18"	FOOT	80		80			
	Z0073345	SLEEPER SLAB	FOOT	132	132				
*	Z0076600	TRAINEES	HOUR	500					
*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500					
+	XX008296	GATE VALVE 10" WITH VAULT, 5' DIAMETER	EACH	3		3			

+ INDICATES SPECIALTY ITEM
* INDICATES CONSTRUCTION CODE 0042

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 16 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	20
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 70% FED 30% STATE URBAN	ROADWAY 0003 100% VILLAGE URBAN	TRAFFIC SIGNALS 0021 70% FED 30% VILLAGE URBAN	STREET LIGHTING 0021 70% FED 30% VILLAGE URBAN	TRAFFIC SIGNALS 0021 100% VILLAGE URBAN
+	XX009754	BUTTERFLY VALVE 16" WITH VAULT, 6' DIAMETER	EACH	13		13			
+	XX009755	WATER SERVICE LINE 1 1/2" (SPECIAL)	EACH	3		3			
+	XX009756	REMOVE AND RELOCATE EXISTING RAPID RECTANGULAR FLASHING BEACON ASSEMBLY	EACH	4	4				
+	XX009443	GATE VALVE 6" WITH VAULT, 5' DIAMETER	EACH	1		1			
	X4200950	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	21,684	21,684				

+ INDICATES SPECIALTY ITEM
* INDICATES CONSTRUCTION CODE 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 17 OF 17 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	21
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

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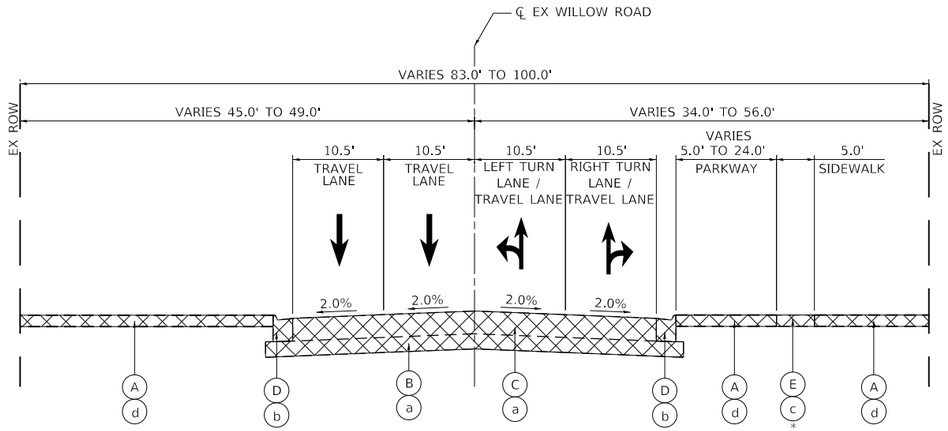
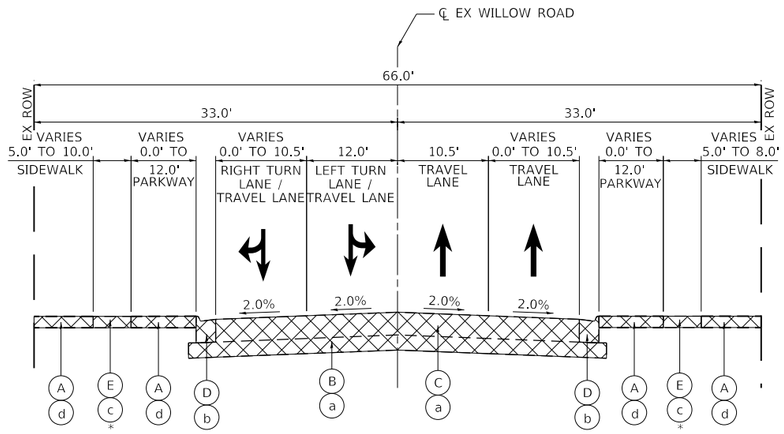


WILLOW ROAD (WEST OF HIBBARD) EXISTING TYPICAL SECTION

STA. 508+79.87 TO STA. 521+99.92

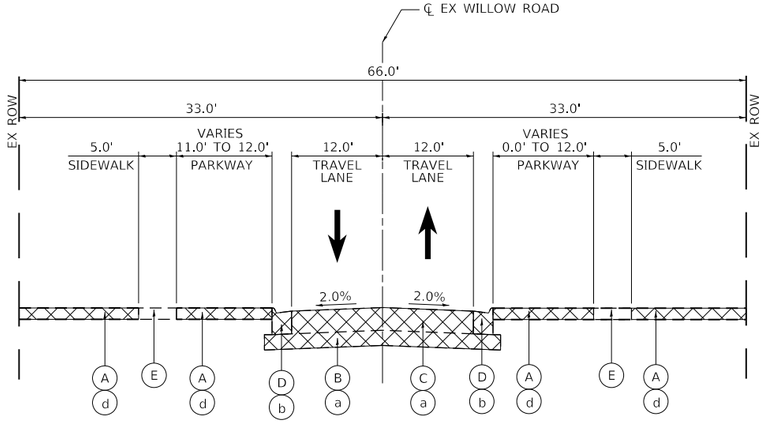
* SEE PLAN AND PROFILE SHEETS FOR SIDEWALK REMOVAL LOCATIONS



WILLOW ROAD (EAST OF HIBBARD) EXISTING TYPICAL SECTION

STA. 521+99.92 TO STA. 524+72.20

* SEE PLAN AND PROFILE SHEETS FOR SIDEWALK REMOVAL LOCATIONS



WILLOW ROAD (EAST OF HIBBARD) EXISTING TYPICAL SECTION

STA. 524+72.20 TO STA. 533+88.94

STA. 539+53.70 TO STA. 554+82.22

EXISTING LEGEND

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SUBBASE
- (C) EXISTING HMA PAVEMENT
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) EXISTING PCC PAVEMENT

REMOVAL LEGEND

- (a) PAVEMENT REMOVAL
- (b) COMBINATION CURB AND GUTTER REMOVAL
- (c) SIDEWALK REMOVAL
- (d) TOPSOIL EXCAVATION
- REMOVAL ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	22
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

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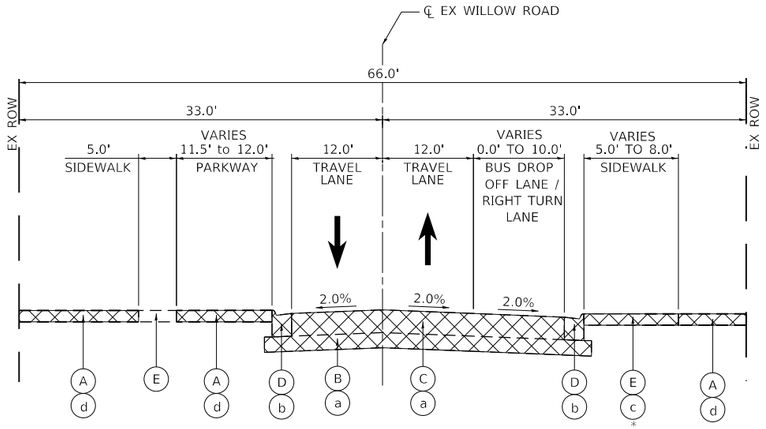
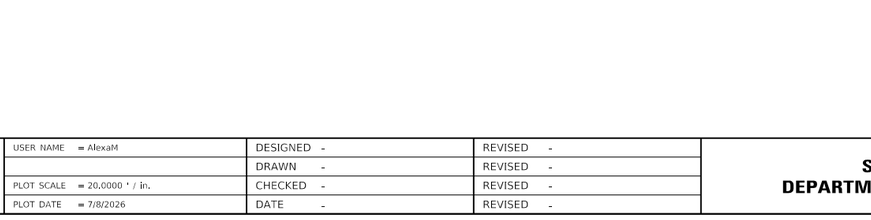


WILLOW ROAD (EAST OF HIBBARD) EXISTING TYPICAL SECTION

STA. 533+88.94 TO STA. 539+53.70

* SEE PLAN AND PROFILE SHEETS FOR SIDEWALK REMOVAL LOCATIONS



HIBBARD ROAD EXISTING TYPICAL SECTION

STA. 200+05.15 TO STA. 209+16.88

* SEE PLAN AND PROFILE SHEETS FOR SIDEWALK REMOVAL LOCATIONS

EXISTING LEGEND

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SUBBASE
- (C) EXISTING HMA PAVEMENT
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) EXISTING PCC PAVEMENT

REMOVAL LEGEND

- (a) PAVEMENT REMOVAL
- (b) COMBINATION CURB AND GUTTER REMOVAL
- (c) SIDEWALK REMOVAL
- (d) TOPSOIL EXCAVATION
- REMOVAL ITEMS

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PLOT DATE = 7/8/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	23
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

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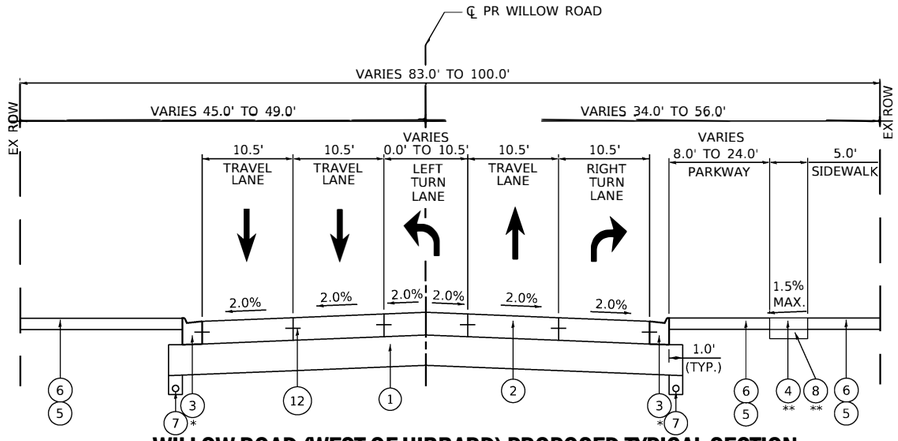
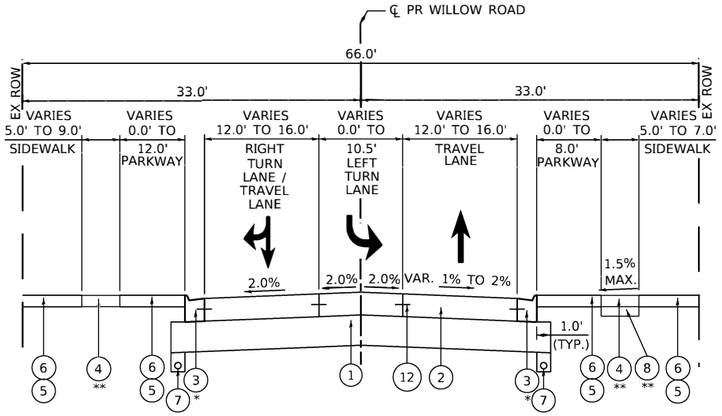


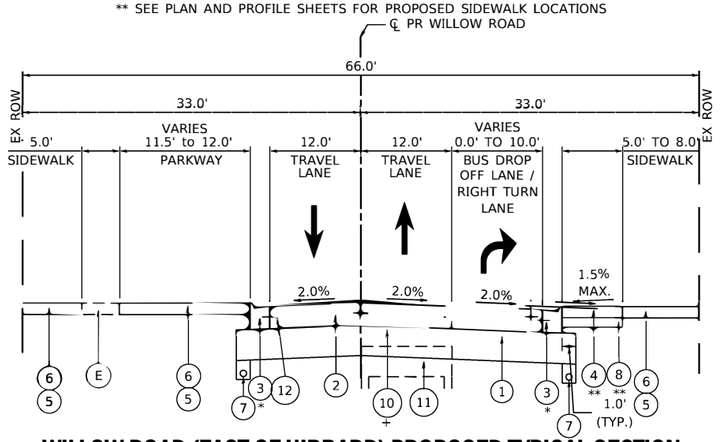
WILLOW ROAD (WEST OF HIBBARD) PROPOSED TYPICAL SECTION

STA. 18+01.18 TO STA. 31+21.24
* SEE PLAN AND PROFILE SHEETS FOR COMBINATION CURB AND GUTTER TYPE
** SEE PLAN AND PROFILE SHEETS FOR PROPOSED SIDEWALK LOCATIONS



WILLOW ROAD (EAST OF HIBBARD) PROPOSED TYPICAL SECTION

STA. 31+21.24 TO STA. 33+97.80
* SEE PLAN AND PROFILE SHEETS FOR COMBINATION CURB AND GUTTER TYPE
** SEE PLAN AND PROFILE SHEETS FOR PROPOSED SIDEWALK LOCATIONS



WILLOW ROAD (EAST OF HIBBARD) PROPOSED TYPICAL SECTION

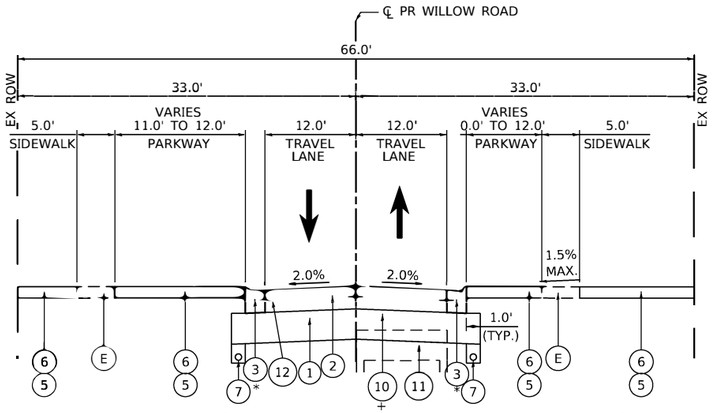
STA. 42+99.03 TO STA. 48+78.78
* SEE PLAN AND PROFILE SHEETS FOR COMBINATION CURB AND GUTTER TYPE
** SEE PLAN AND PROFILE SHEETS FOR PROPOSED SIDEWALK LOCATIONS
+ WHERE THE DIMENSION FROM THE BOTTOM OF PR PAVEMENT TO TOP OF BOX CULVERT IS LESS THAN 12", USE AGGREGATE BASE COURSE, TYPE B

EXISTING LEGEND

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SUBBASE
- (C) EXISTING HMA PAVEMENT
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) EXISTING PCC PAVEMENT

PROPOSED LEGEND

- (1) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (2) HIGH-EARLY-STRENGTH PCC PAVEMENT 9" (JOINTED)
- (3) COMBINATION CURB AND GUTTER, TYPE B-6.12 (SPL)
- (4) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- (5) 6" TOPSOIL PLACEMENT
- (6) SODDING, SALT TOLERANT
- (7) PIPE UNDERDRAINS, TYPE 2, 4"
- (8) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)
- (10) AGGREGATE BASE COURSE, TYPE B (DEPTH VARIES)
- (11) PRECAST CONCRETE BOX CULVERTS 10'X4'
- (12) TIE BARS



WILLOW ROAD (EAST OF HIBBARD) PROPOSED TYPICAL SECTION

STA. 33+97.38 TO STA. 42+99.03
STA. 48+78.78 TO STA. 64+03.53
* SEE PLAN AND PROFILE SHEETS FOR COMBINATION CURB AND GUTTER TYPE
+ WHERE THE DIMENSION FROM THE BOTTOM OF PR PAVEMENT TO TOP OF BOX CULVERT IS LESS THAN 12", USE AGGREGATE BASE COURSE, TYPE B

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PROPOSED TYPICAL SECTIONS

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	24
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

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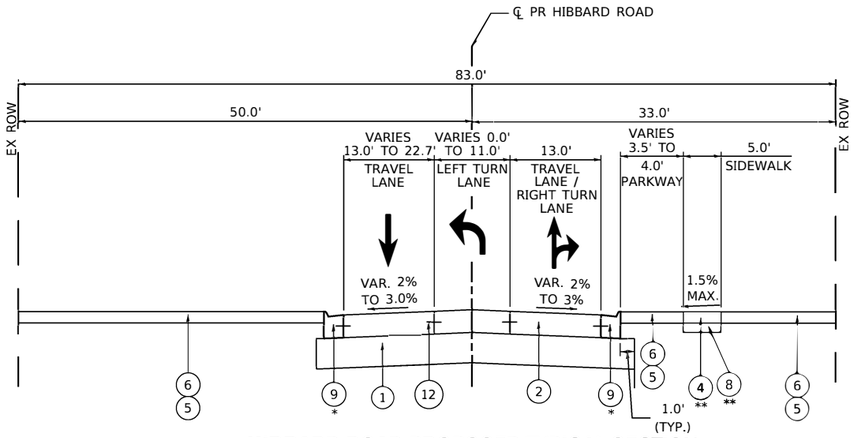
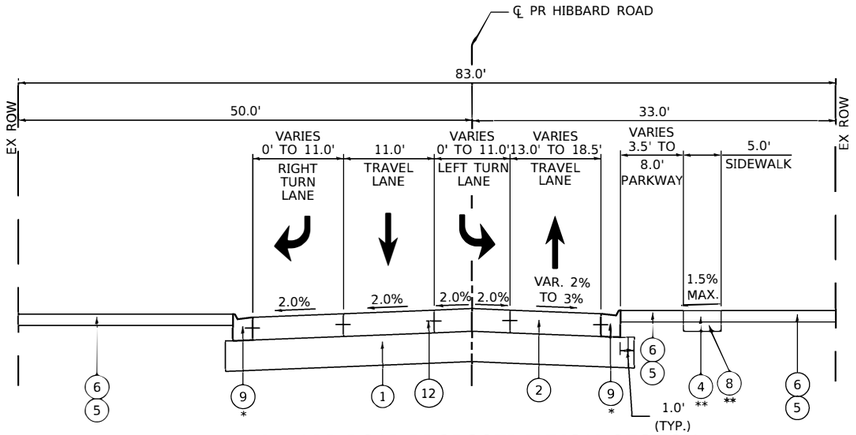


HIBBARD ROAD PROPOSED TYPICAL SECTION

STA. 200+05.15 TO STA. 203+93.24

* SEE PLAN AND PROFILE SHEETS FOR COMBINATION CURB AND GUTTER TYPE



HIBBARD ROAD PROPOSED TYPICAL SECTION

STA. 203+93.24 TO STA. 209+16.88

* SEE PLAN AND PROFILE SHEETS FOR COMBINATION CURB AND GUTTER TYPE

** SEE PLAN AND PROFILE SHEETS FOR PROPOSED SIDEWALK LOCATIONS

EXISTING LEGEND

- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SUBBASE
- (C) EXISTING HMA PAVEMENT
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) EXISTING PCC PAVEMENT

PROPOSED LEGEND

- (1) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (2) HIGH-EARLY-STRENGTH PCC PAVEMENT 9" (JOINTED)
- (3) COMBINATION CURB AND GUTTER, TYPE B-6.12 (SPL)
- (4) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- (5) 6" TOPSOIL PLACEMENT
- (6) SODDING, SALT TOLERANT
- (7) PIPE UNDERDRAINS, TYPE 2, 4"
- (8) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)
- (10) AGGREGATE BASE COURSE, TYPE B (DEPTH VARIES)
- (11) PRECAST CONCRETE BOX CULVERTS 10'X4'
- (12) TIE BARS

HOT–MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
TEMPORARY RAMP		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50: VAR. DEPTH	4% @ 50 GYR	LR1030-2
DRIVEWAY		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3" (IN 2 LIFTS)	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR	LR1030-2
TEMPORARY ACCESS (WINTERIZED)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50: 2"	4% @ 50 GYR	LR1030-2
TEMPORARY SIDEWALK		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50: 2"	4% @ 50 GYR	LR1030-2
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA) PER LR1030-2.		

HOT–MIX ASPHALT MIXTURE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = AlexaM	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	25
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: S:\IOL\11600--1699\16190581\Drawings\CAD\Micros-SS4\CAD Sheets\16190581-aht-Typical.dgn

EARTHWORK SCHEDULE

LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	*TOPSOIL EXCAVATION (ASSUMED TO BE 18")	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE(+) OR SHORTAGE(-)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (ASSUMED TO BE 24")	STRUCTURE EXCAVATION
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
WILLOW ROAD										
18+01.19	18+17.22	32.38	27.52	4.16	23.36	7.39	1.45	5.94	55.71	0.00
18+17.22	19+00.00	162.36	138.01	45.56	92.45	62.43	20.82	41.61	287.22	0.00
19+00.00	19+56.54	117.56	99.93	30.11	69.82	41.53	13.85	27.68	195.45	0.00
19+56.54	20+00.00	108.20	91.97	5.37	86.60	8.91	2.97	5.94	150.23	0.00
20+00.00	21+00.00	209.96	178.47	24.06	154.40	32.16	10.71	21.44	345.38	0.00
21+00.00	21+14.50	29.27	24.88	4.94	19.94	5.80	1.93	3.86	49.50	0.00
21+14.50	22+00.00	185.81	157.94	20.71	137.23	27.50	9.33	18.18	295.30	0.00
22+00.00	23+00.00	274.83	233.61	20.40	213.21	44.69	15.26	29.43	349.39	0.00
23+00.00	23+47.06	156.05	132.64	10.62	122.02	24.17	8.31	15.86	162.68	0.00
23+47.06	24+00.00	157.56	133.93	10.91	123.02	21.38	7.44	13.94	183.00	0.00
24+00.00	25+00.00	217.82	185.15	43.00	142.15	66.83	22.52	44.31	349.39	0.00
25+00.00	26+00.00	209.47	178.05	43.44	134.61	73.88	22.11	51.77	361.09	0.00
26+00.00	27+00.00	237.62	201.98	21.55	180.43	77.06	15.47	61.58	392.76	0.00
27+00.00	28+00.00	286.39	243.43	81.18	162.25	122.25	23.99	98.26	416.24	0.00
28+00.00	28+07.36	24.72	21.01	9.58	11.43	10.42	2.14	8.28	30.89	0.00
28+07.36	29+00.00	309.88	263.40	78.59	184.81	134.43	23.54	110.89	392.30	0.00
29+00.00	30+00.00	280.69	238.59	51.68	186.91	142.87	19.81	123.06	427.17	0.00
30+00.00	31+00.00	399.53	339.60	25.21	314.39	65.06	7.79	57.28	393.51	0.00
31+00.00	31+21.24	125.24	106.46	0.00	106.46	0.00	0.00	0.00	75.09	0.00
31+21.24	32+00.00	295.56	251.23	35.87	215.35	45.11	4.12	40.99	272.85	0.00
32+00.00	32+67.97	108.19	91.96	43.21	48.75	57.25	3.56	53.69	229.00	0.00
32+67.97	33+00.00	53.42	45.41	7.86	37.55	12.06	1.14	10.91	102.61	0.00
33+00.00	33+23.44	39.47	33.55	2.13	31.42	3.56	0.84	2.72	69.77	0.00
33+23.44	34+00.00	120.10	102.08	6.08	96.01	8.35	0.15	8.20	190.92	0.00
34+00.00	34+55.72	122.62	104.23	2.99	101.24	3.58	0.10	3.48	169.13	0.00
34+55.72	34+60.79	16.19	13.76	0.00	13.76	0.00	0.00	0.00	19.81	0.00
34+60.79	35+00.00	93.63	79.58	3.55	76.03	6.24	2.07	4.18	118.90	0.00
35+00.00	35+85.31	137.88	117.20	7.73	109.47	13.59	4.49	9.09	178.16	0.00
35+85.31	35+89.02	6.40	5.44	0.00	5.44	0.00	0.00	0.00	7.48	0.00
35+89.02	36+00.00	16.04	13.64	0.52	13.11	1.13	0.34	0.79	22.93	0.00
36+00.00	36+54.61	69.88	59.39	2.60	56.79	5.64	1.69	3.94	114.04	0.00
36+54.61	36+55.03	0.57	0.48	0.00	0.48	0.00	0.00	0.00	0.85	0.00
36+55.03	37+00.00	49.41	42.00	18.92	23.08	27.30	8.31	18.99	90.66	0.00
37+00.00	37+06.10	5.79	4.92	3.69	1.23	5.37	1.68	3.68	12.52	0.00
37+06.10	37+53.30	52.75	44.83	19.15	25.69	27.19	9.07	18.12	98.63	0.00
37+53.30	37+93.31	62.77	53.36	13.02	40.34	17.87	5.96	11.91	126.97	0.00
37+93.31	38+00.00	13.08	11.12	1.33	9.80	1.88	0.63	1.25	28.52	0.00
38+00.00	38+38.98	62.29	52.95	3.68	49.27	5.38	1.79	3.59	125.71	0.00
38+38.98	38+65.89	43.48	36.96	4.62	32.34	6.07	2.02	4.04	83.83	0.00
38+65.89	39+00.00	51.02	43.37	15.80	27.57	21.98	7.33	14.65	105.91	0.00
39+00.00	40+00.00	104.01	88.41	33.54	54.87	49.87	16.63	33.24	216.06	0.00
40+00.00	40+55.72	62.15	52.83	16.20	36.63	23.14	7.72	15.43	120.39	0.00
40+55.72	41+00.00	49.89	42.41	21.66	20.75	29.75	9.92	19.83	95.67	0.00
41+00.00	41+03.93	4.32	3.67	1.88	1.80	2.64	0.88	1.76	8.49	0.00
41+03.93	41+52.00	54.90	46.66	22.91	23.75	32.30	10.77	21.53	103.86	0.00
41+52.00	41+72.50	24.69	20.99	9.82	11.17	13.73	4.58	9.15	44.29	0.00
41+72.50	42+00.00	30.74	26.13	14.95	11.18	21.37	7.12	14.24	59.42	0.00
42+00.00	42+50.40	57.38	48.77	27.33	21.44	38.97	12.99	25.97	108.89	0.00
42+00.00	43+00.00	103.38	87.87	58.01	29.86	75.93	25.31	50.61	105.78	0.00
43+00.00	43+04.63	4.87	4.14	2.42	1.72	2.98	0.95	2.03	9.90	0.00
43+04.63	43+33.13	29.78	25.31	7.11	18.21	16.83	2.83	14.00	67.94	0.00
43+33.13	44+00.00	50.55	42.97	0.00	42.97	35.70	0.00	35.70	181.43	0.00
44+00.00	44+04.70	2.20	1.87	0.00	1.87	2.54	0.00	2.54	13.31	0.00
44+04.70	44+23.20	8.77	7.46	0.00	7.46	10.00	0.00	10.00	35.53	0.00
44+23.20	45+00.00	66.32	56.37	3.41	52.96	41.64	0.00	41.64	73.74	198.93
45+00.00	45+04.99	6.20	5.27	0.40	4.87	2.71	0.00	2.71	4.55	25.85
45+04.99	46+00.00	141.71	120.46	20.85	99.61	67.50	0.00	67.50	176.41	492.19
46+00.00	46+11.97	22.34	18.99	2.48	16.51	8.50	0.00	8.50	33.44	62.01
46+11.97	47+00.00	146.21	124.28	20.96	103.32	69.27	7.08	62.19	166.14	456.03
47+00.00	47+24.26	34.91	29.67	5.45	24.22	19.22	1.95	17.27	23.22	125.68
47+24.26	47+83.76	93.86	79.78	0.59	79.19	33.08	0.00	33.08	55.76	308.23
47+83.76	48+00.00	24.26	20.62	1.07	19.56	10.76	0.55	10.21	15.98	84.13
48+00.00	48+36.96	67.70	57.55	5.74	51.81	19.40	2.73	16.67	65.97	191.47
48+36.96	48+48.26	25.70	21.85	1.01	20.84	1.61	0.45	1.15	28.56	58.54
48+48.26	49+00.00	86.36	73.41	19.35	54.06	22.33	7.44	14.88	75.46	268.03
49+00.00	49+38.26	47.56	40.43	23.78	16.65	23.05	7.39	15.66	15.58	198.20
49+38.26	49+69.17	41.95	35.66	17.13	18.53	10.39	3.23	7.16	12.38	160.13
49+69.17	49+75.26	9.17	7.79	3.01	4.79	1.01	0.34	0.67	2.43	31.55
49+75.26	50+00.00	34.14	29.02	15.38	13.64	10.28	3.32	6.96	9.86	128.16
50+00.00	50+15.76	18.93	16.09	10.64	5.45	9.20	2.73	6.48	6.31	81.64

EARTHWORK SCHEDULE

LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	*TOPSOIL EXCAVATION (ASSUMED TO BE 18")	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE(+) OR SHORTAGE(-)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (ASSUMED TO BE 24")	STRUCTURE EXCAVATION
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
WILLOW ROAD										
50+15.76	50+54.61	53.37	45.36	15.14	30.22	10.31	2.77	7.54	15.71	201.26
50+54.61	51+00.00	57.28	48.68	16.47	32.22	13.29	2.11	11.18	18.62	235.14
51+00.00	52+00.00	178.83	152.01	21.35	130.66	19.61	1.42	18.19	215.56	518.04
52+00.00	52+01.29	3.45	2.94	0.00	2.94	0.00	0.00	0.00	5.03	6.68
52+01.29	53+00.00	201.99	171.69	27.63	144.06	25.33	5.77	19.56	211.07	511.35
53+00.00	53+70.34	98.55	83.77	46.55	37.22	31.11	8.42	22.69	26.16	364.39
53+70.34	54+00.00	41.53	35.30	29.18	6.12	19.77	6.57	13.19	10.59	153.65
54+00.00	54+38.84	51.98	44.19	38.51	5.67	26.38	8.80	17.58	12.30	201.21
54+38.84	55+00.00	82.92	70.48	51.72	18.76	37.53	12.52	25.01	19.47	316.83
55+00.00	55+84.26	108.53	92.25	61.99	30.27	66.00	11.66	54.34	51.04	436.50
55+84.26	56+00.00	27.78	23.61	10.10	13.51	9.71	1.31	8.41	24.79	81.54
56+00.00	56+02.84	6.19	5.26	2.02	3.24	1.37	0.46	0.92	6.53	14.71
56+02.84	56+75.30	133.70	113.65	62.96	50.69	38.07	12.75	25.31	92.69	375.37
56+75.30	57+00.00	35.14	29.87	32.22	-2.35	22.80	7.62	15.18	7.07	127.96
57+00.00	57+23.28	35.84	30.47	30.98	-0.51	21.42	7.14	14.28	7.47	120.60
57+23.28	57+67.47	91.22	77.53	39.70	37.83	19.37	6.12	13.25	56.15	228.92
57+67.47	58+00.00	62.97	53.52	24.29	29.24	11.82	3.36	8.46	41.64	168.52
57+67.47	58+99.61	281.78	239.51	126.46	113.05	53.94	16.97	36.97	29.54	516.02
58+00.00	59+00.00	168.31	143.06	99.95	43.11	46.94	14.64	32.30	0.10	2.02
59+00.00	59+55.02	108.23	91.99	73.08	18.91	34.74	11.58	23.16	14.06	285.02
59+55.02	60+00.00	88.36	75.11	63.52	11.59	35.78	11.93	23.85	13.56	233.01
60+00.00	60+44.25	89.88	76.40	58.93	17.46	34.72	11.57	23.14	13.86	229.23
60+44.25	60+92.92	110.70	94.10	60.97	33.12	26.55	7.44	19.11	13.70	252.13
60+92.92	61+00.00	15.88	13.50	10.43	3.06	4.84	0.57	4.27	1.99	36.68
61+00.00	61+45.34	107.57	91.43	73.95	17.48	31.69	2.92	28.77	12.64	234.88
61+45.34	62+00.00	138.75	117.94	89.61	28.33	23.10	1.56	21.55	16.92	283.16
62+00.00	62+19.46	50.59	43.00	34.31	8.69	8.18	0.48	7.70	5.96	100.81
62+19.46	63+00.00	216.79	184.27	158.23	26.04	38.73	6.44	32.30	24.33	417.23
63+00.00	63+56.44	85.86	72.98	60.58	12.40	16.16	3.89	12.28	51.04	292.38
63+56.44	64+00.00	29.12	24.75	1.36	23.39	2.60	1.18	1.42	79.18	112.83
64+00.00	64+03.53	3.31	2.81	0.25	2.57	0.46	0.20	0.26	7.63	0.00
TOTALS		9,167	7,792	2,513	5,279	2,676	612	2,065	10,125	9,929

*TOPSOIL EXCAVATION WILL BE PAID FOR AS EARTH EXCAVATION

NOTE: SHOULD THE CONTRACTOR'S METHOD OF CONSTRUCTION REQUIRE EXTRA EARTH EXCAVATION, EMBANKMENT, STRUCTURE EXCAVATION, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, OR NON-SPECIAL WASTE DISPOSAL TO COMPLETE THE WORK AS SHOWN ON THE PLANS, THIS EXTRA WORK WILL NOT BE MEASURED FOR PAYMENT.

STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = AlexaM	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	26
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\JOL\1600-1699\16190380\Drawings\CAD\Micros-SSA\CAD Sheets\16190938-alt-schedule-1.dgn

EARTHWORK SCHEDULE

LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (−)	*TOPSOIL EXCAVATION (ASSUMED TO BE 18")	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE(+) OR SHORTAGE(−)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (ASSUMED TO BE 24")	STRUCTURE EXCAVATION
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
					HIBBARD ROAD					
200+05.16	200+14.62	12.79	10.87	7.16	3.71	10.24	2.33	7.91	21.60	0.00
200+14.62	200+50.00	51.51	43.78	23.42	20.37	35.76	6.19	29.57	80.71	0.00
200+50.00	201+00.00	84.86	72.13	29.20	42.93	44.75	9.88	34.87	116.08	0.00
201+00.00	201+14.66	26.99	22.94	8.38	14.56	14.09	2.68	11.41	34.62	0.00
201+14.66	201+50.00	65.44	55.62	18.83	36.79	28.23	4.05	24.18	88.05	0.00
201+50.00	201+97.15	88.87	75.54	20.37	55.18	24.35	3.50	20.85	128.45	0.00
201+97.15	202+00.00	5.39	4.58	1.08	3.50	1.29	0.19	1.10	8.15	0.00
202+00.00	202+44.23	87.42	74.30	16.33	57.98	18.64	3.18	15.46	130.90	0.00
202+44.23	202+50.00	11.89	10.11	2.02	8.08	2.22	0.46	1.76	17.62	0.00
202+50.00	203+00.00	113.74	96.68	24.25	72.43	33.87	9.57	24.29	158.75	0.00
203+00.00	203+11.14	28.30	24.06	6.08	17.98	8.49	2.26	6.23	36.73	0.00
203+11.14	203+50.00	112.85	95.92	22.70	73.22	42.03	3.70	38.33	152.88	0.00
203+50.00	203+93.24	69.57	59.14	15.09	44.04	34.83	1.87	32.95	98.84	0.00
203+93.24	204+00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
204+00.00	204+50.00	81.81	69.54	8.55	60.99	19.92	1.30	18.62	103.17	0.00
204+50.00	205+00.00	176.15	149.73	38.65	111.08	64.84	10.77	54.06	202.34	0.00
205+00.00	205+50.00	180.38	153.33	67.44	85.89	98.31	19.80	78.51	194.57	0.00
205+50.00	205+92.50	131.05	111.40	59.74	51.66	79.21	15.91	63.30	157.28	0.00
205+92.50	206+00.00	20.11	17.10	10.24	6.85	12.31	2.52	9.79	26.72	0.00
205+92.50	206+22.48	77.37	65.76	44.13	21.63	58.31	10.16	48.15	78.07	0.00
206+00.00	206+50.00	117.95	100.26	88.66	11.60	104.07	22.63	81.44	91.42	0.00
206+50.00	207+00.00	95.66	81.31	100.76	−19.45	121.39	27.88	93.51	155.36	0.00
207+00.00	207+50.00	90.55	76.96	80.39	−3.43	115.26	26.69	88.58	149.10	0.00
207+50.00	208+00.00	93.38	79.37	63.82	15.55	103.53	24.27	79.26	152.13	0.00
208+00.00	208+27.12	62.94	53.50	28.95	24.55	43.31	11.12	32.19	101.13	0.00
208+27.12	208+50.00	52.94	45.00	26.98	18.03	36.47	10.15	26.32	83.16	0.00
208+50.00	209+00.00	79.12	67.25	51.24	16.01	66.64	19.18	47.47	133.81	0.00
209+00.00	209+16.87	21.90	18.62	8.10	10.51	10.95	3.64	7.31	40.52	0.00
TOTALS		2,041	1,735	873	862	1,233	256	977	2,742	0

*TOPSOIL EXCAVATION WILL BE PAID FOR AS EARTH EXCAVATION

SUMMARY
EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (−)	*TOPSOIL EXCAVATION (ASSUMED TO BE 18")	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE(+) OR SHORTAGE(−)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (ASSUMED TO BE 24")	STRUCTURE EXCAVATION
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
WILLOW ROAD	9,167	7,792	2,513	5,279	2,676	612	2,065	10,125	9,929
HIBBARD ROAD	2,041	1,735	873	862	1,233	256	977	2,742	0
TOTAL QUANTITIES	11,208	9,527	3,386	6,141	3,910	868	3,042	12,867	9,929

*TOPSOIL EXCAVATION WILL BE PAID FOR AS EARTH EXCAVATION

NOTE: SHOULD THE CONTRACTOR'S METHOD OF CONSTRUCTION REQUIRE EXTRA EARTH EXCAVATION, EMBANKMENT, STRUCTURE EXCAVATION, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, OR NON-SPECIAL WASTE DISPOSAL TO COMPLETE THE WORK AS SHOWN ON THE PLANS, THIS EXTRA WORK WILL NOT BE MEASURED FOR PAYMENT.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	27
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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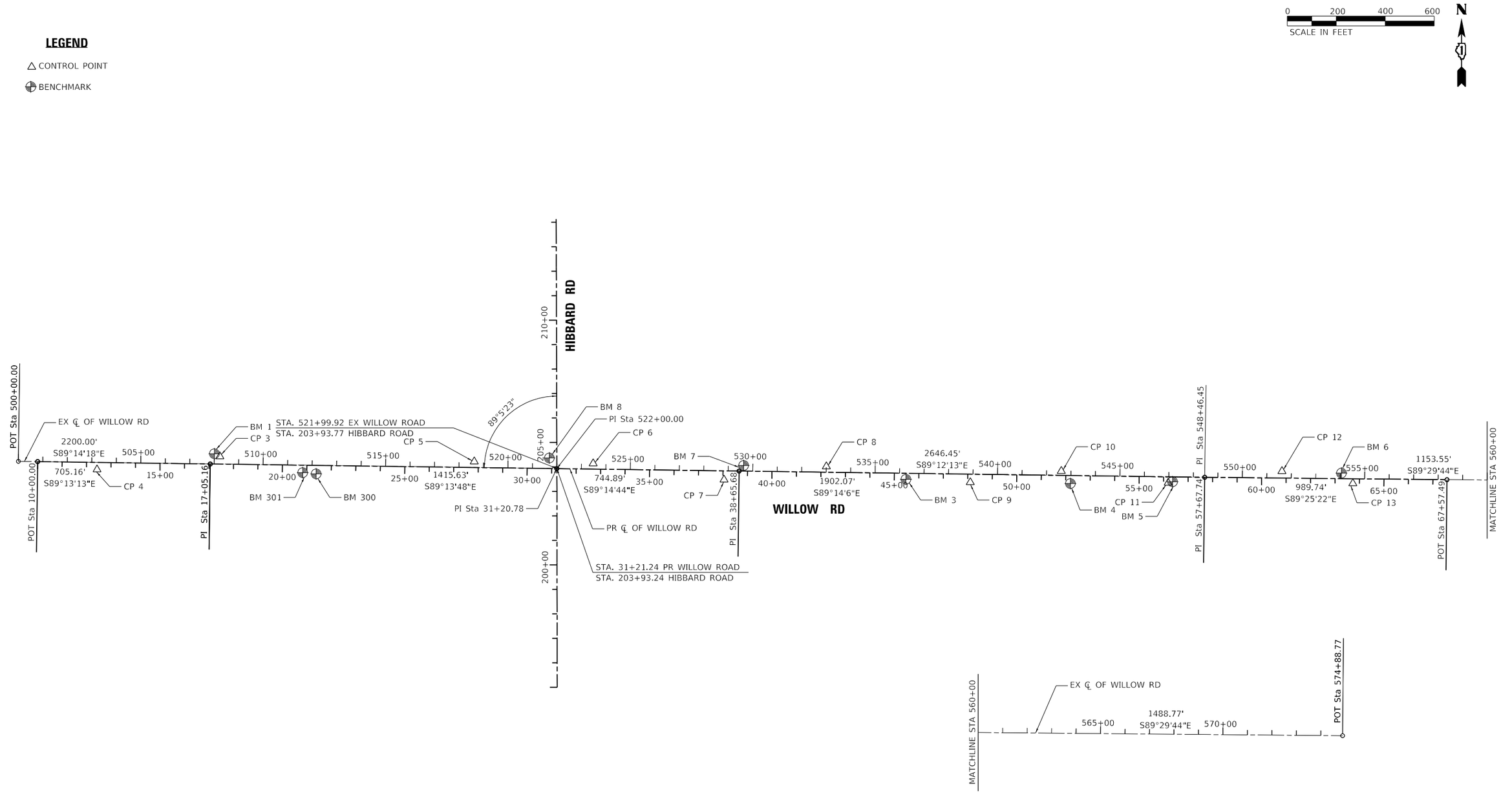
LEGEND

△ CONTROL POINT

⊕ BENCHMARK



ALIGNMENT COORDINATES - WILLOW RD (EX)			
POINT TYPE	STATION	NORTHING	EASTING
POT	500+00.00	1980039.278	1139949.432
PI	522+00.00	1980010.028	1142149.238
PI	548+46.45	1979973.241	1144795.434
POT	574+88.77	1979949.976	1147437.652

ALIGNMENT COORDINATES - WILLOW RD (PR)			
POINT TYPE	STATION	NORTHING	EASTING
POT	10+00.00	1980038.119	1140028.114
PI	17+05.16	1980028.524	1140733.205
PI	31+20.78	1980009.501	1142148.702
PI	38+65.68	1979999.695	1142893.533
PI	57+67.74	1979974.300	1144795.431
POT	67+57.49	1979964.330	1145785.124

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PLOT SCALE = 400.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS
WILLOW ROAD

SCALE: 1" = 200' | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	28
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

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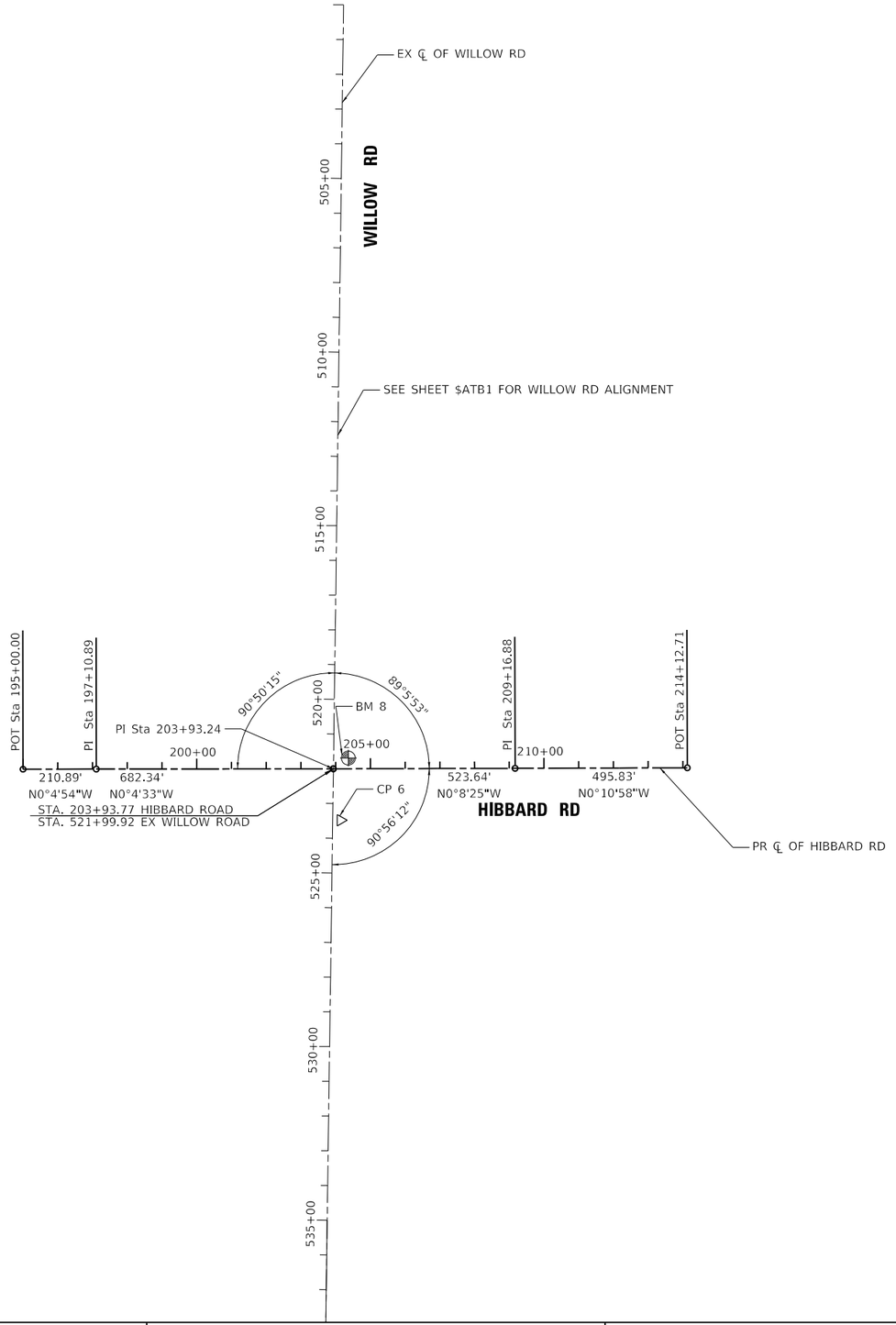
LEGEND

△ CONTROL POINT

⊕ BENCHMARK



ALIGNMENT COORDINATES - HIBBARD RD			
POINT TYPE	STATION	NORTHING	EASTING
POT	195+00.00	1979116.260	1142150.363
PI	197+10.89	1979327.151	1142150.063
PI	203+93.24	1980009.495	1142149.160
PI	209+16.88	1980533.138	1142147.879
POT	214+12.71	1981028.961	1142146.296

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT
HIBBARD ROAD

SCALE: 1" = 200' | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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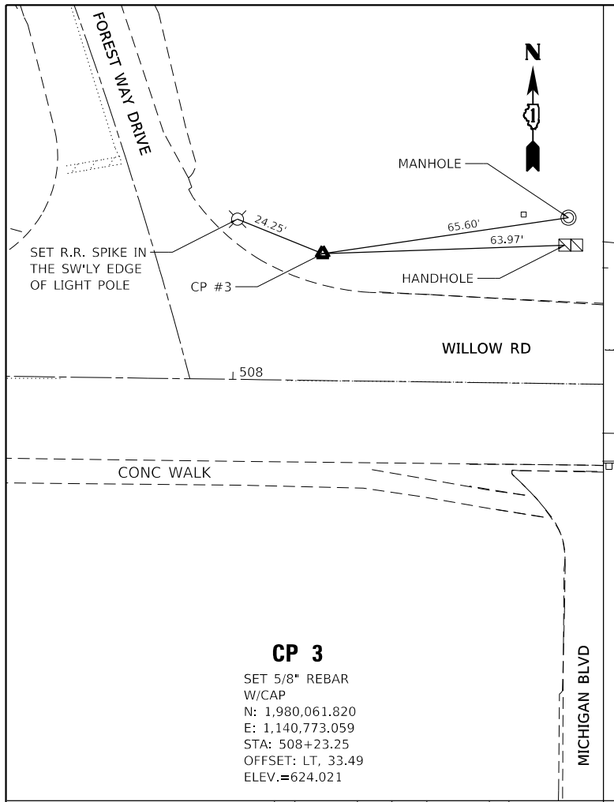
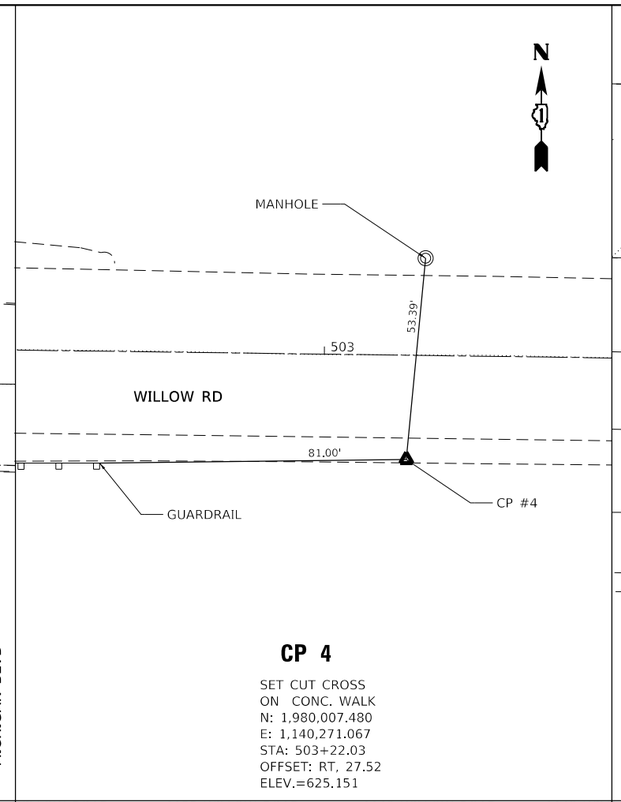
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			



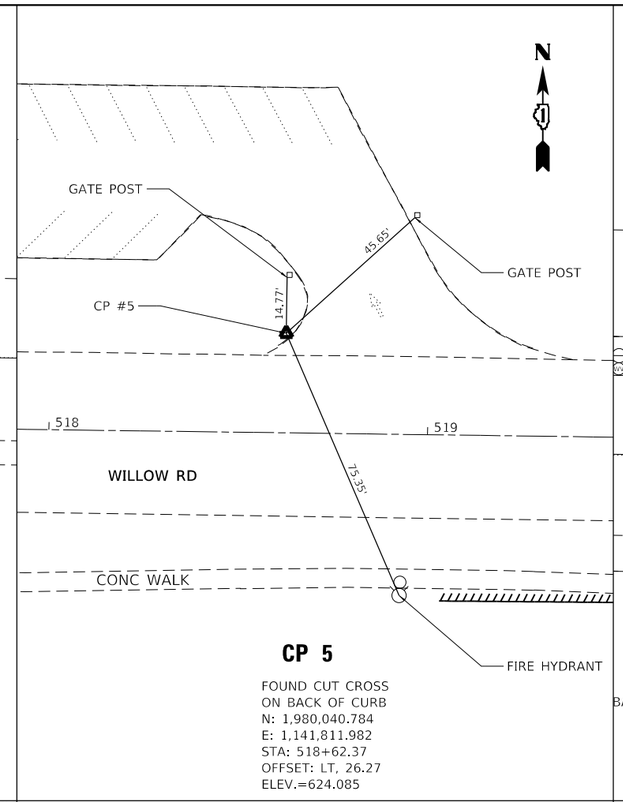
CP 3

SET 5/8" REBAR
W/CAP
N: 1,980,061.820
E: 1,140,773.059
STA: 508+23.25
OFFSET: LT, 33.49
ELEV.=624.021



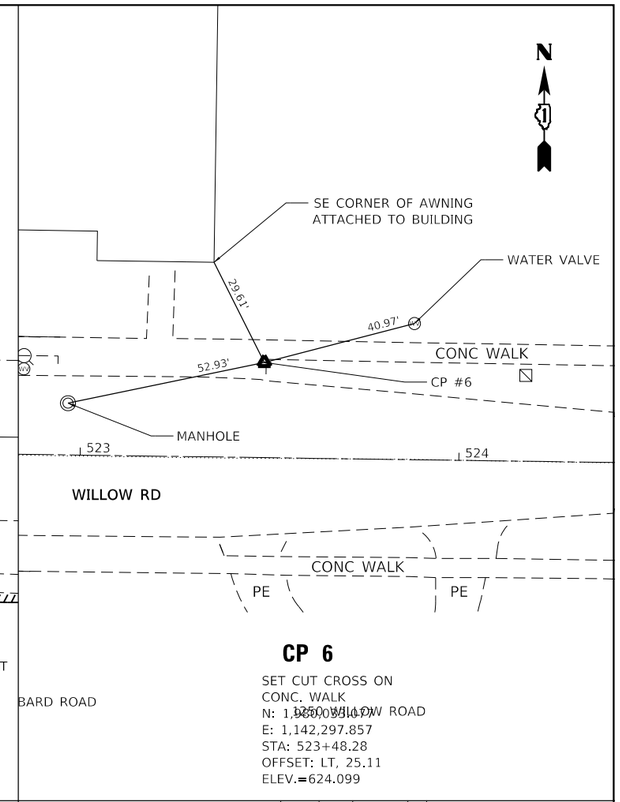
CP 4

SET CUT CROSS
ON CONC. WALK
N: 1,980,007.480
E: 1,140,271.067
STA: 503+22.03
OFFSET: RT, 27.52
ELEV.=625.151



CP 5

FOUND CUT CROSS
ON BACK OF CURB
N: 1,980,040.784
E: 1,141,811.982
STA: 518+62.37
OFFSET: LT, 26.27
ELEV.=624.085

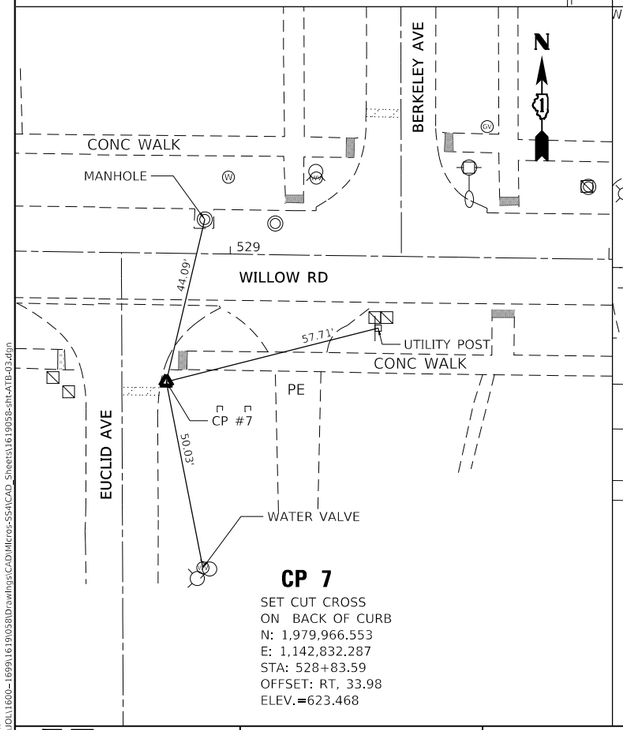


CP 6

SET CUT CROSS ON
CONC. WALK
N: 1,980,000.000
E: 1,142,297.857
STA: 523+48.28
OFFSET: LT, 25.11
ELEV.=624.099

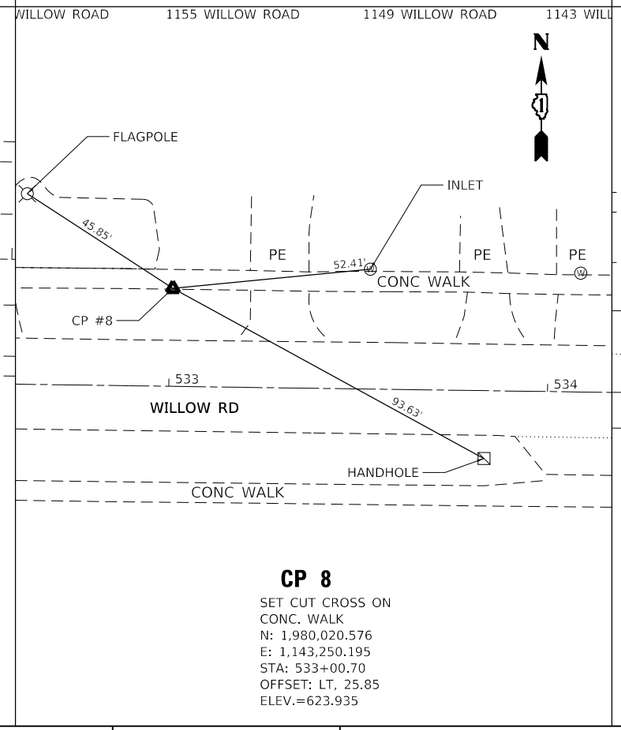
BARD ROAD

1155 WILLOW ROAD 1149 WILLOW ROAD



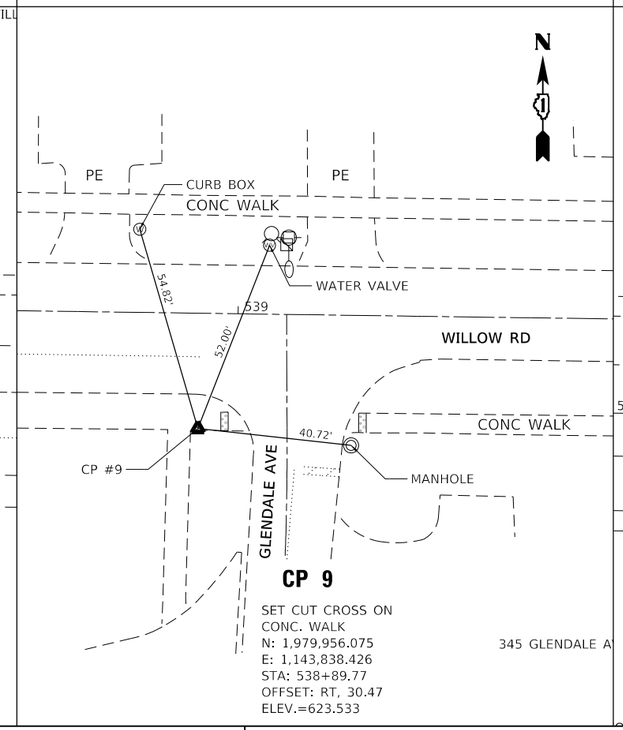
CP 7

SET CUT CROSS
ON BACK OF CURB
N: 1,979,966.553
E: 1,142,832.287
STA: 528+83.59
OFFSET: RT, 33.98
ELEV.=623.468



CP 8

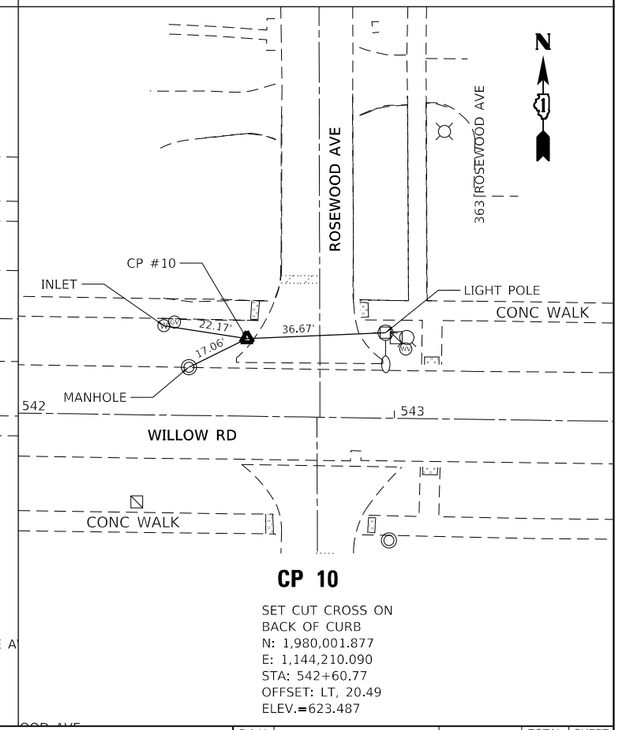
SET CUT CROSS ON
CONC. WALK
N: 1,980,020.576
E: 1,143,250.195
STA: 533+00.70
OFFSET: LT, 25.85
ELEV.=623.935



CP 9

SET CUT CROSS ON
CONC. WALK
N: 1,979,956.075
E: 1,143,838.426
STA: 538+89.77
OFFSET: RT, 30.47
ELEV.=623.533

345 GLENDALE A



CP 10

SET CUT CROSS ON
BACK OF CURB
N: 1,980,001.877
E: 1,144,210.090
STA: 542+60.77
OFFSET: LT, 20.49
ELEV.=623.487

COOD AVE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS
CONTROL POINTS / BENCHMARKS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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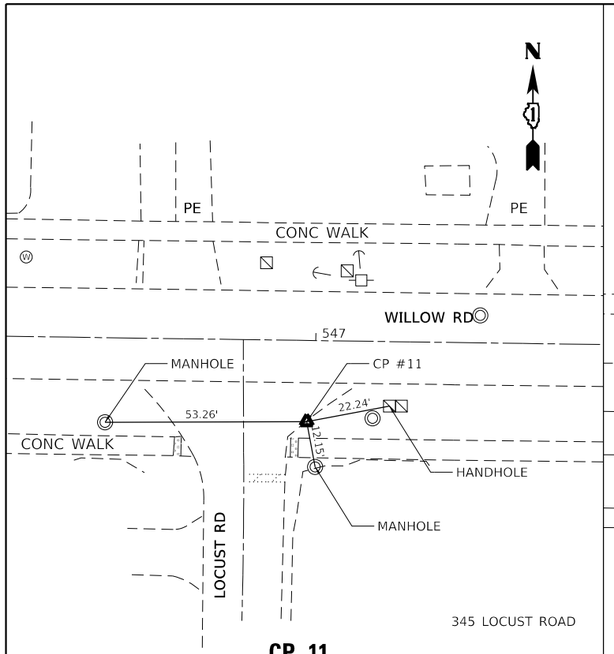
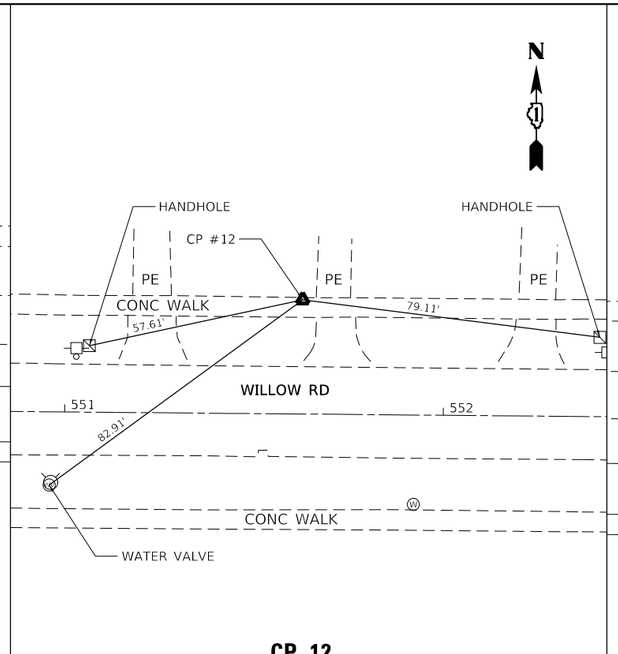
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

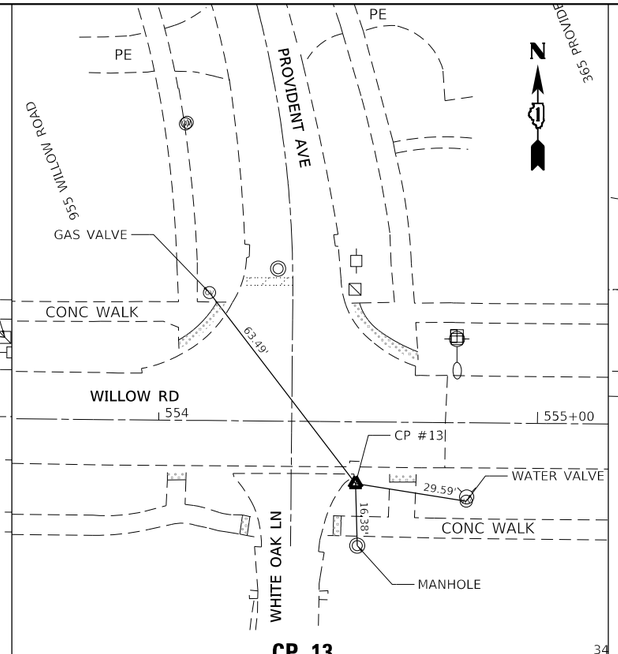


CP 11
SET CUT CROSS ON
BACK OF CURB
N: 1,979,953.880
E: 1,144,646.605
STA: 546+97.91
OFFSET: RT, 21.43
ELEV.=623.700



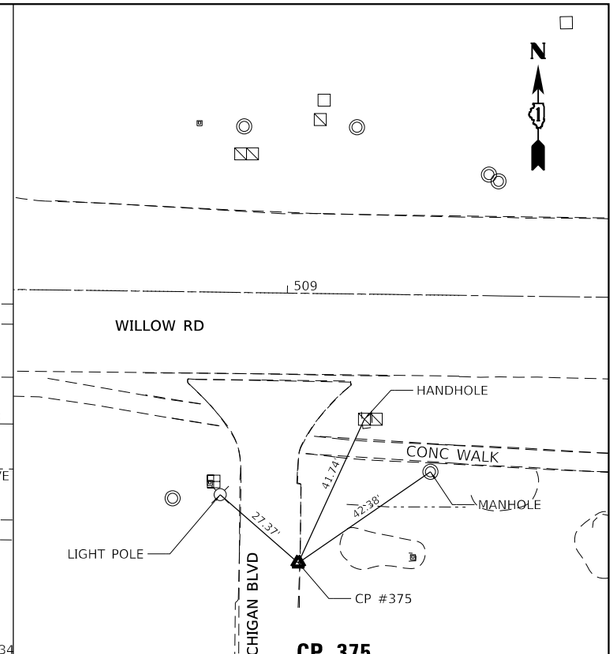
338 WHITE OAK LANE

CP 12
SET CUT CROSS ON
BACK OF WALK
N: 1,980,000.617
E: 1,145,111.823
STA: 551+62.59
OFFSET: LT, 30.16
ELEV.=624.721



34

CP 13
SET CUT CROSS ON
BACK OF CURB
N: 1,979,951.595
E: 1,145,400.917
STA: 554+52.10
OFFSET: RT, 16.31
ELEV.=624.960



CP 375
SET MAG NAIL
N: 1,979,956.083
E: 1,140,852.230
STA: 509+03.82
OFFSET: RT, 71.18
ELEV.=624.430

BENCHMARKS

BENCHMARK 1
SET R.R. SPIKE IN THE SW'LY EDGE OF LIGHT POLE AT THE NE CORNER OF FOREST WAY DRIVE & WILLOW ROAD.
ELEVATION=625.346

BENCHMARK 3
SET MAG NAIL IN ASPHALT PATH NEAR NW END OF "CROW ISLAND ELEMENTARY SCHOOL" SW OF INTERSECTION OF WILLOW ROAD & GLENDALE AVENUE.
ELEVATION=623.635

BENCHMARK 4
SET CUT CROSS ON THE N'LY RIM OF WATER VALVE VAULT AT THE SE CORNER OF INTERSECTION OF WILLOW ROAD & ROSEWOOD AVENUE.
ELEVATION=624.257

BENCHMARK 5
SET CUT SQUARE ON THE N'LY RIM OF MANHOLE IN GRASS JUST EAST OF THE SE CORNER OF INTERSECTION OF WILLOW ROAD & LOCUST ROAD.
ELEVATION=624.318

BENCHMARK 6
SET CUT SQUARE ON BACK OF CURB ALONG WALK AT NW CORNER OF INTERSECTION OF WILLOW ROAD & PROVIDENT AVENUE.
ELEVATION=624.900

BENCHMARK 7
SET R.R. SPIKE IN THE POWER POLE AT THE NE CORNER OF THE INTERSECTION OF WILLOW ROAD & BERKELEY AVENUE.
ELEVATION=624.229

BENCHMARK 8
SET CUT CROSS ON THE SE'LY CORNER OF THE TRAFFIC SIGNAL HANDHOLE AT THE NW CORNER OF THE INTERSECTION OF WILLOW ROAD & HIBBARD ROAD.
ELEVATION=624.049

BENCHMARK 300
FOUND CUT CROSS IN CURB AT THE EASTERN PUBLIC WORKS ENTRANCE (EASTERN RADIUS)
ELEVATION=625.190

BENCHMARK 301
FOUND CUT CROSS IN CURB AT THE EASTERN PUBLIC WORKS ENTRANCE (WESTERN RADIUS)
ELEVATION=624.700

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS
CONTROL POINTS / BENCHMARKS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	31
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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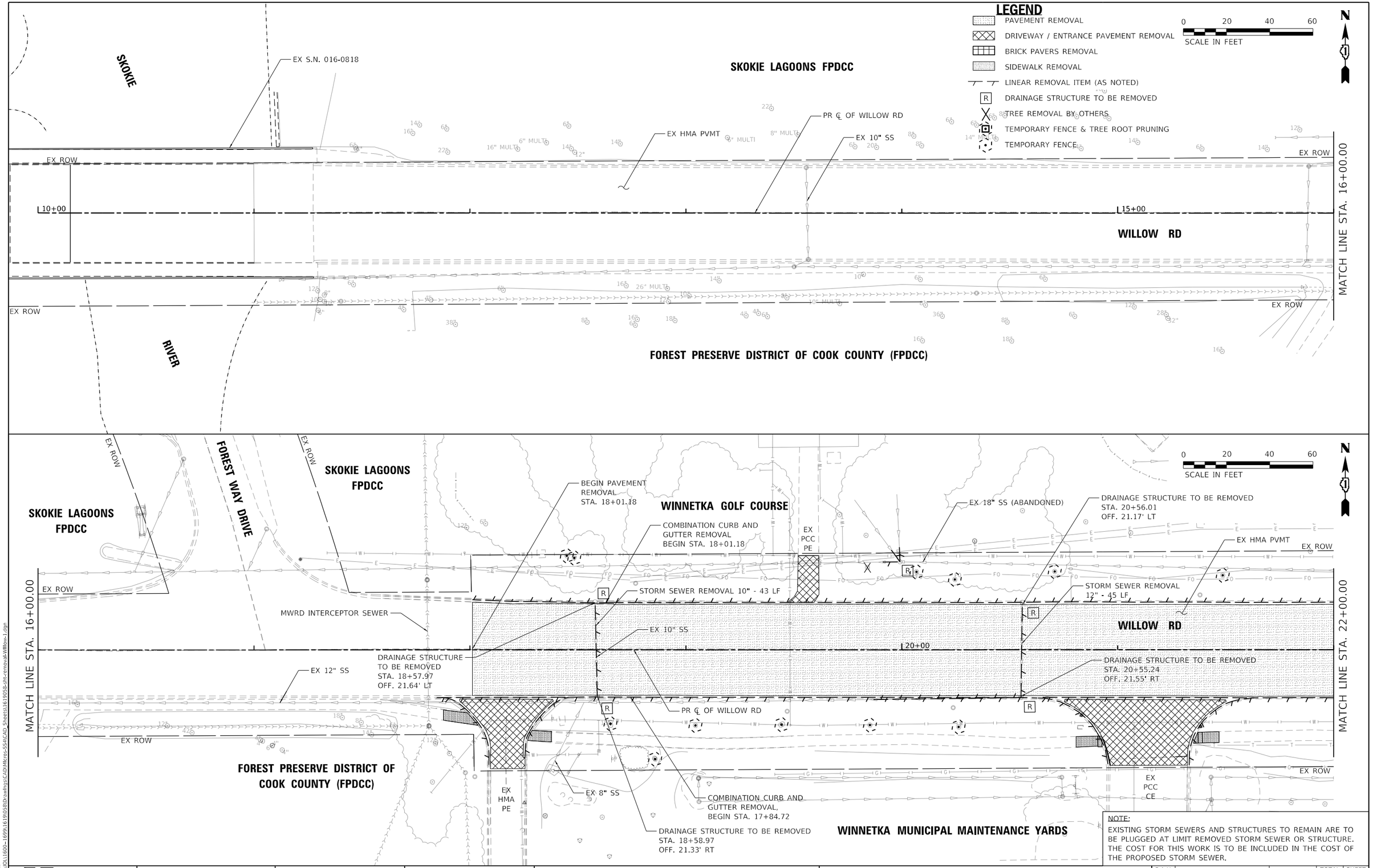

NOTE:
EXISTING STORM SEWERS AND STRUCTURES TO REMAIN ARE TO BE PLUGGED AT LIMIT REMOVED STORM SEWER OR STRUCTURE. THE COST FOR THIS WORK IS TO BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WILLOW ROAD

SCALE: 1" = 20' | SHEET 1 OF 5 SHEETS | STA. 10+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	32
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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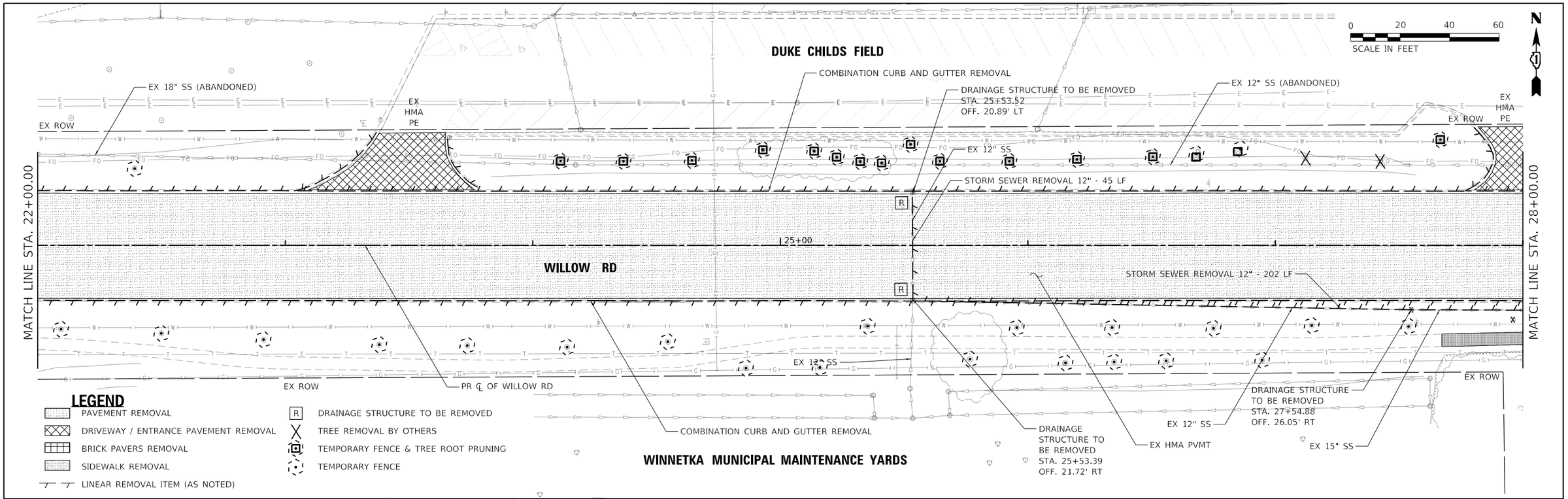

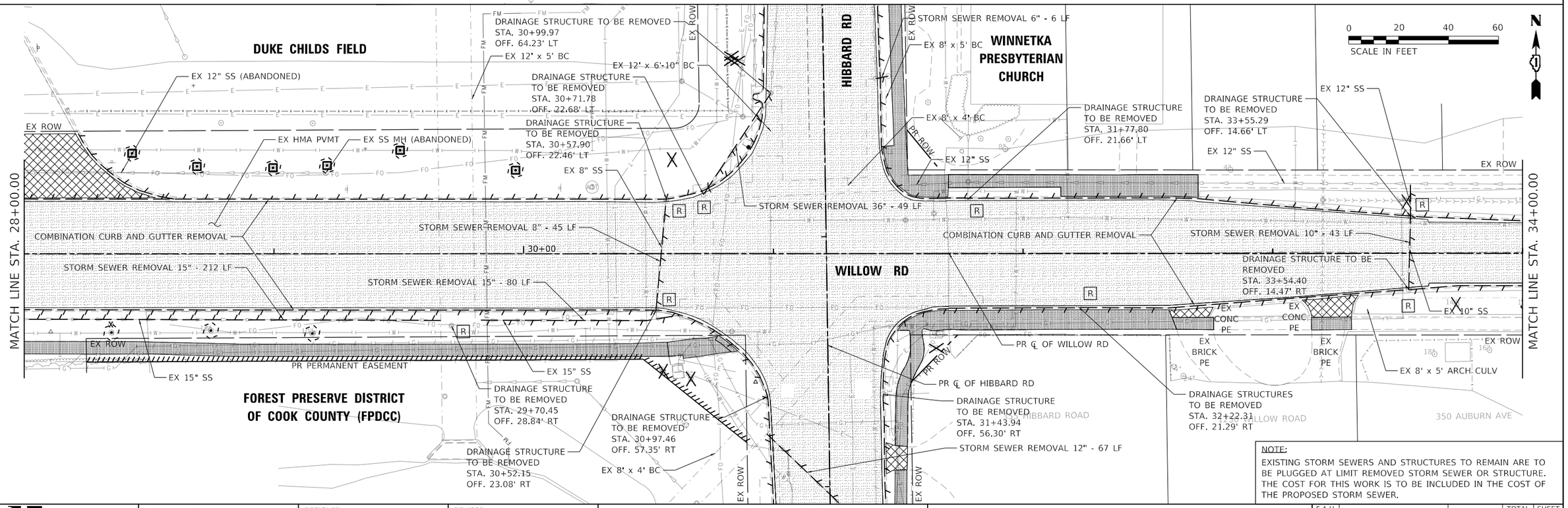

NOTE:
EXISTING STORM SEWERS AND STRUCTURES TO REMAIN ARE TO BE PLUGGED AT LIMIT REMOVED STORM SEWER OR STRUCTURE. THE COST FOR THIS WORK IS TO BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WILLOW ROAD

SCALE: 1" = 20' | SHEET 2 OF 5 SHEETS | STA. 22+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	33
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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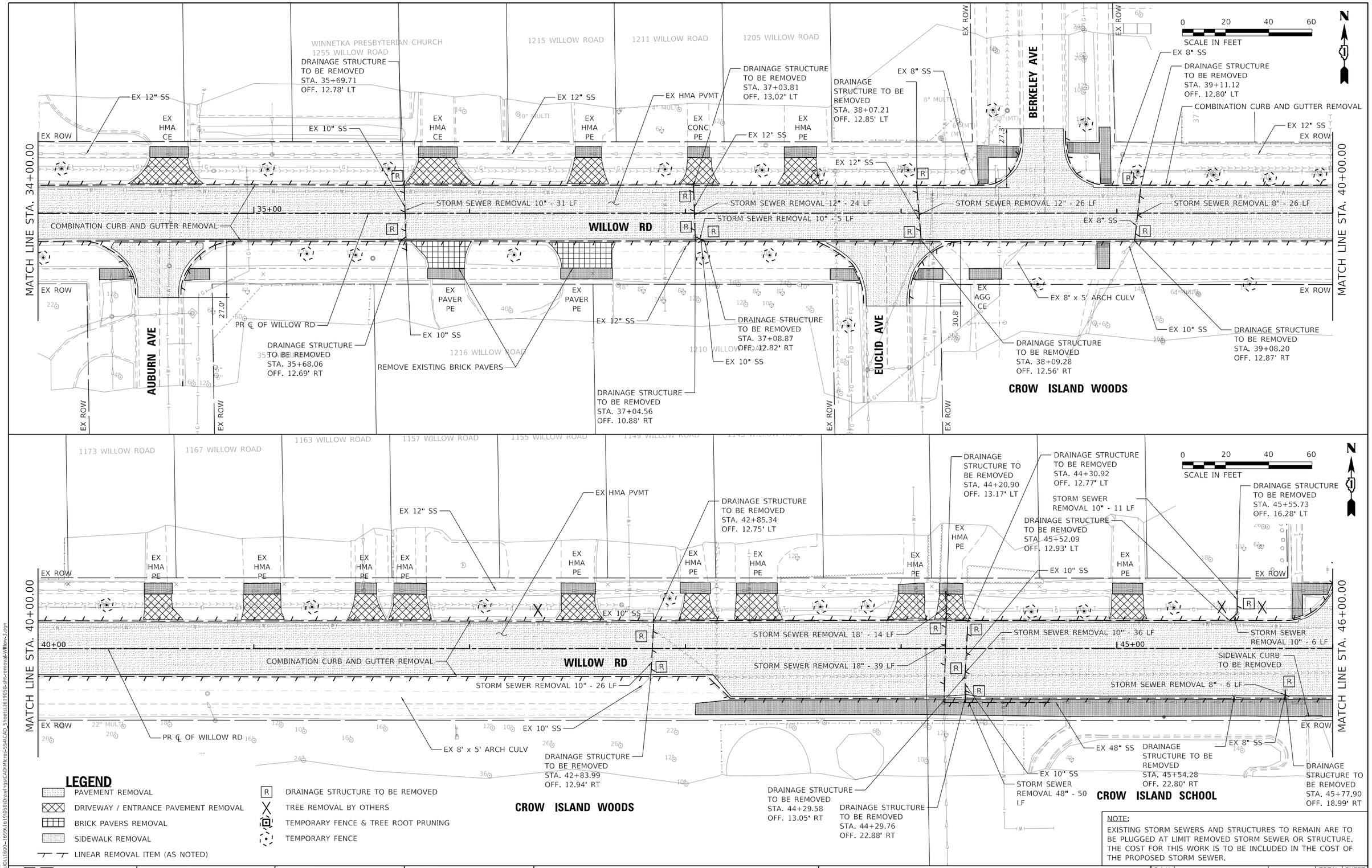

LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY / ENTRANCE PAVEMENT REMOVAL
- BRICK PAVERS REMOVAL
- SIDEWALK REMOVAL
- LINEAR REMOVAL ITEM (AS NOTED)
- (R) DRAINAGE STRUCTURE TO BE REMOVED
- TREE REMOVAL BY OTHERS
- TEMPORARY FENCE & TREE ROOT PRUNING
- TEMPORARY FENCE

NOTE:
EXISTING STORM SEWERS AND STRUCTURES TO REMAIN ARE TO BE PLUGGED AT LIMIT REMOVED STORM SEWER OR STRUCTURE. THE COST FOR THIS WORK IS TO BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WILLOW ROAD

SCALE: 1" = 20' | SHEET 3 OF 5 SHEETS | STA. 34+00.00 TO STA. 46+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	34
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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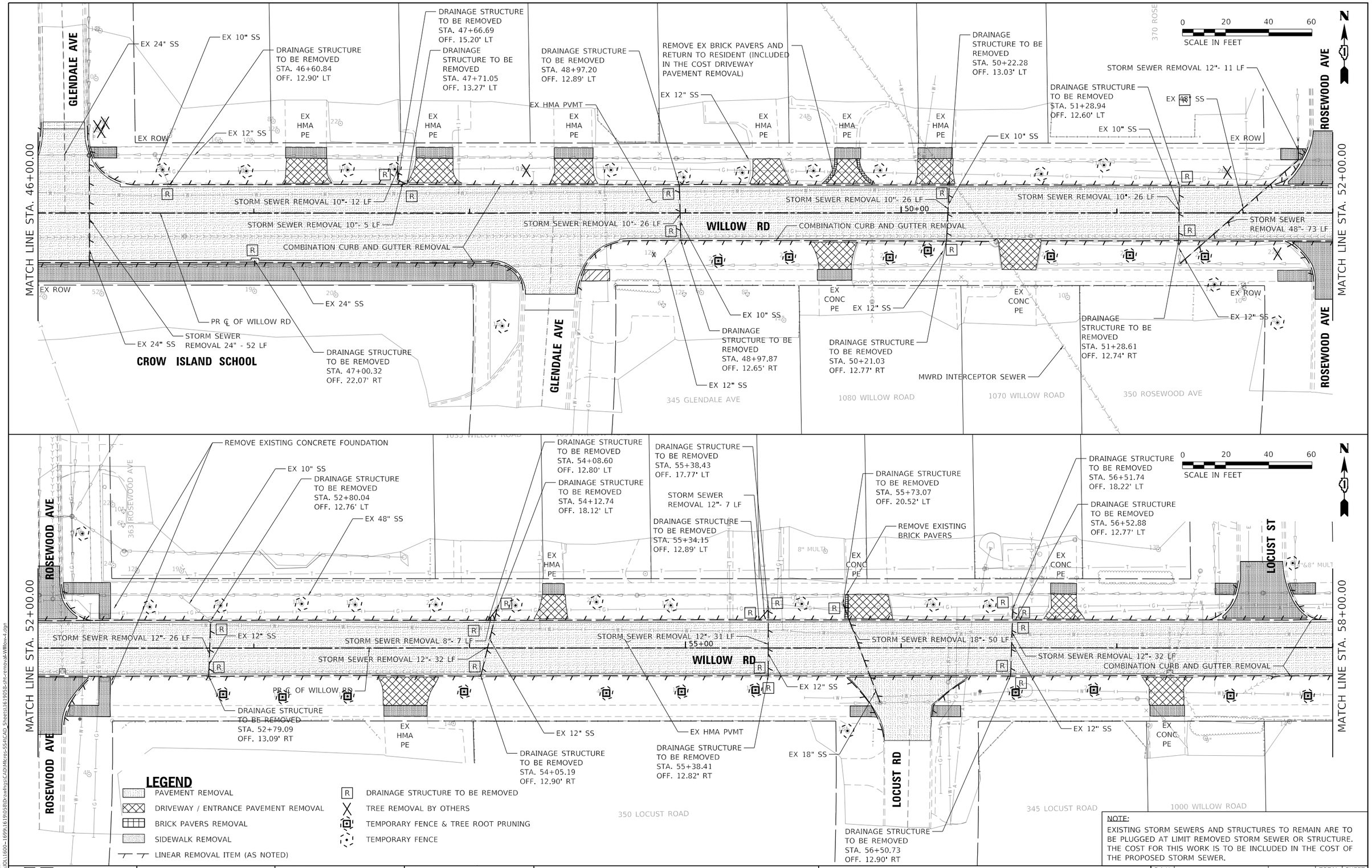

NOTE:
EXISTING STORM SEWERS AND STRUCTURES TO REMAIN ARE TO BE PLUGGED AT LIMIT REMOVED STORM SEWER OR STRUCTURE. THE COST FOR THIS WORK IS TO BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WILLOW ROAD

SCALE: 1" = 20' | SHEET 4 OF 5 SHEETS | STA. 46+00.00 TO STA. 58+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	35
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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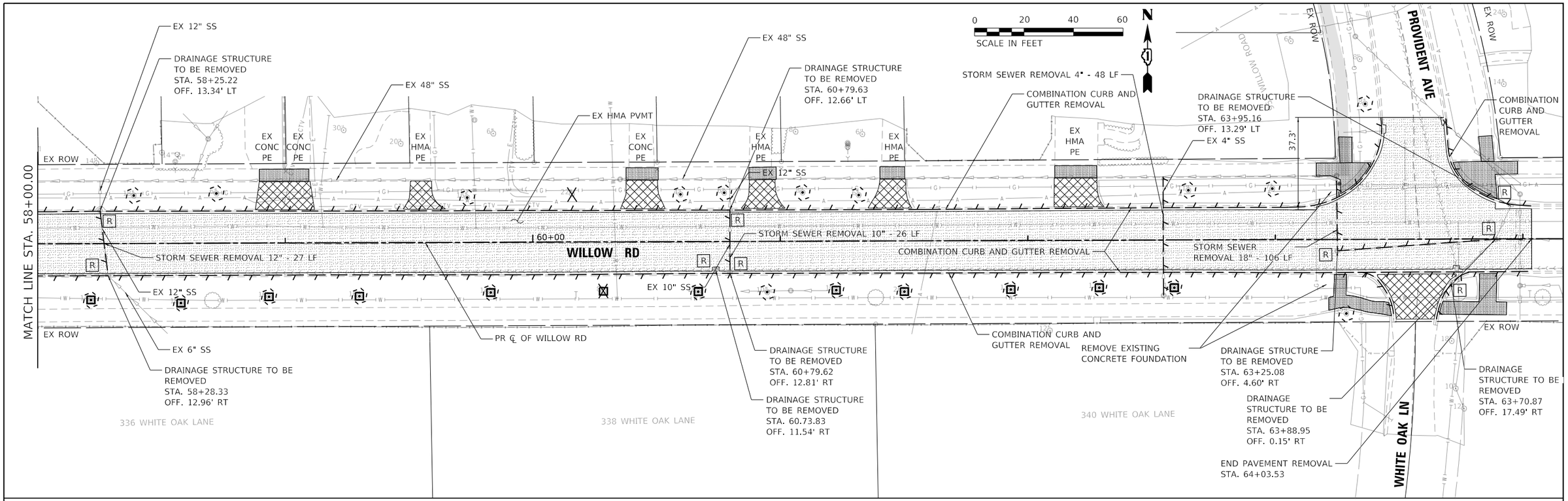

LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY / ENTRANCE PAVEMENT REMOVAL
- BRICK PAVERS REMOVAL
- SIDEWALK REMOVAL
- LINEAR REMOVAL ITEM (AS NOTED)
- [R] DRAINAGE STRUCTURE TO BE REMOVED
- X TREE REMOVAL BY OTHERS
- TEMPORARY FENCE & TREE ROOT PRUNING
- TEMPORARY FENCE

NOTE:
EXISTING STORM SEWERS AND STRUCTURES TO REMAIN ARE TO BE PLUGGED AT LIMIT REMOVED STORM SEWER OR STRUCTURE. THE COST FOR THIS WORK IS TO BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WILLOW ROAD

SCALE: 1" = 20' | SHEET 5 OF 5 SHEETS | STA. 58+00.00 | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	36
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: S:\DL\1600-1699\16191058\Drawings\CAD\Micros-SSA\CAD_Sheets\16191058-rh1-removal-Willow-5.dgn

FOREST PRESERVE DISTRICT
OF COOK COUNTY (FPDCC)

0 20 40 60
SCALE IN FEET

N

DUKE CHILDS FIELD

EX ROW

BEGIN PAVEMENT REMOVAL
STA. 200+05.15

COMBINATION CURB AND GUTTER REMOVAL
BEGIN STA. 200+05.15

PR ℄ OF WILLOW RD

PR PERMANENT EASEMENT

EX ROW

EX 34" SS

200+00

HIBBARD RD

MATCH LINE STA. 205+00

EX ROW

PR ℄ OF HIBBARD RD

EX 15" SS

EX 12" SS

COMBINATION CURB AND GUTTER REMOVAL
BEGIN STA. 200+05.15

319 HIBBARD ROAD

333 HIBBARD ROAD

345 HIBBARD ROAD

355 HIBBARD ROAD

DRAINAGE STRUCTURE
TO BE REMOVED
STA. 201+30.00
OFF. 15.46' RT

EX 12" SS

EX HMA PVMT

PR ROW

WILLOW RD

EX ROW

PR ROW

EX 8" x 4' BC

EX ROW

WINNETKA
PRESBYTERIAN
CHURCH

DUKE CHILDS FIELD

0 20 40 60
SCALE IN FEET

N

EX 30" SS

EX 34" SS

EX 12" SS

EX 34" SS

COMBINATION CURB AND GUTTER
END STA. 209+16.88

EX 12" SS

EX ASH STREET PUMPING STATION

EX 6' x 4' BC

SOIL BORING S-1

PR ℄ OF HIBBARD RD

EX ROW

EX ROW

MATCH LINE STA. 205+00

205+00

HIBBARD RD

210+00

EX ROW

EX ROW

WINNETKA
PRESBYTERIAN
CHURCH

COMBINATION CURB AND
GUTTER REMOVAL END
STA. 209+16.88

EX HMA PVMT

END PAVEMENT REMOVAL
STA. 209+16.88

23.1'

ABANDONED ASH
STREET PUMPING
STATION

ASH STREET

1261 ASH STREET

EX ROW

EX ROW

LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY / ENTRANCE PAVEMENT REMOVAL
- BRICK PAVERS REMOVAL
- SIDEWALK REMOVAL
- LINEAR REMOVAL ITEM (AS NOTED)
- R DRAINAGE STRUCTURE TO BE REMOVED
- TREE REMOVAL BY OTHERS
- TEMPORARY FENCE & TREE ROOT PRUNING
- TEMPORARY FENCE

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 1 OF 1 SHEETS | STA. 199+00.00 TO STA. 211+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	37
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

SKOKIE LAGOONS FPDCC

EX ROW

FORESTWAY DR

EX ROW

SKOKIE LAGOONS FPDCC

BEGIN PVMT RECONSTRUCTION STA. 18+01.18

BOUNDARY OF NON-SPECIAL WASTE, TYP.

STA. 18+24.18 OS. 21.00' LT

WINNETKA GOLF COURSE

PC 19+51.54 44.00' LT

PC 19+51.54 27.58' LT

R 5'

PC 19+46.54 22.58' LT

PCC CE

19+61.54 44.00' LT

19+61.54 27.58' LT

R 5'

19+66.54 22.58' LT

PR COMB CONC C&G, TY B-6.12 (SPL) (TYP)

HIGH-EARLY-STRENGTH PCC PVMT 9" (JOINTED)

0 20 40 60

SCALE IN FEET

N

EX ROW

PR ℄ & PGL OF WILLOW RD

20:1 TAPER

27'

1.25%

21'

44'

46'

WILLOW RD

16 17 18 19 20+00 21

2.96%

39'

56'

5' (TYP.)

21'

21'

54'

MATCH LINE STA. 22+00.00

EX ROW

PC 17+84.72 21.00' RT

PC 18+49.72 21.00' RT

PC 20+66.50 21.00' RT

PC 21+62.50 21.00' RT

PR DETECTABLE WARNINGS (TYP)

R 25'

R 25'

R 30'

R 30'

EX HMA PVMT

EX COMB CONC C&G, TY B-6.12 (TYP)

PR PCC SW 5 INCH (SPL) (TYP)

PT 18+09.72 46.00' RT

PCC CE

PCC CE (9")

PT 18+24.72 46.00' RT

18+08.14 55.00' RT

18+26.31 55.00' RT

18+09.72 55.00' RT

18+24.72 55.00' RT

EX PCC SW

20+94.92 53.00' RT

20+96.50 53.00' RT

PT 20+96.50 51.00' RT

PT 21+32.50 51.00' RT

21+34.08 53.00' RT

21+32.50 53.00' RT

FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC)

WINNETKA MUNICIPAL MAINTENANCE YARDS

EX ℄ & PGL PROFILE

PR ℄ & PGL PROFILE

BEGIN PVMT RECONSTRUCTION STA. 18+01.18 624.28

+06.29 EL. 624.30

120.00' V.C.

VPI STA. 18+66.29 ELEVATION 624.52

+0.36% -0.70%

+26.29 EL. 624.10

120.00' V.C.

+30.00 EL. 624.07

VPI STA. 19+90.00 ELEVATION 623.65

-0.70% +0.54%

120.00' V.C.

+50.00 EL. 623.98

+77.51 EL. 624.12

120.00' V.C.

VPI STA. 21+37.51 ELEVATION 624.45

+0.54% -1.16%

+97.51 EL. 623.75

EX ℄ & PGL ELEV

PR ℄ & PGL ELEV

630 625 620 615 610 605 600 595

624.47 624.48 624.42 624.35 624.28 624.26 624.38 624.26 624.25 624.25 623.95 624.26 623.84 624.28 623.98 624.30 624.21 624.30 624.14 624.24 623.72

16+00 16+50 17+00 17+50 18+00 18+50 19+00 19+50 20+00 20+50 21+00 21+50 22+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 NO/TA'NS CHK'D, NOTE BOOK, NO., BY, DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

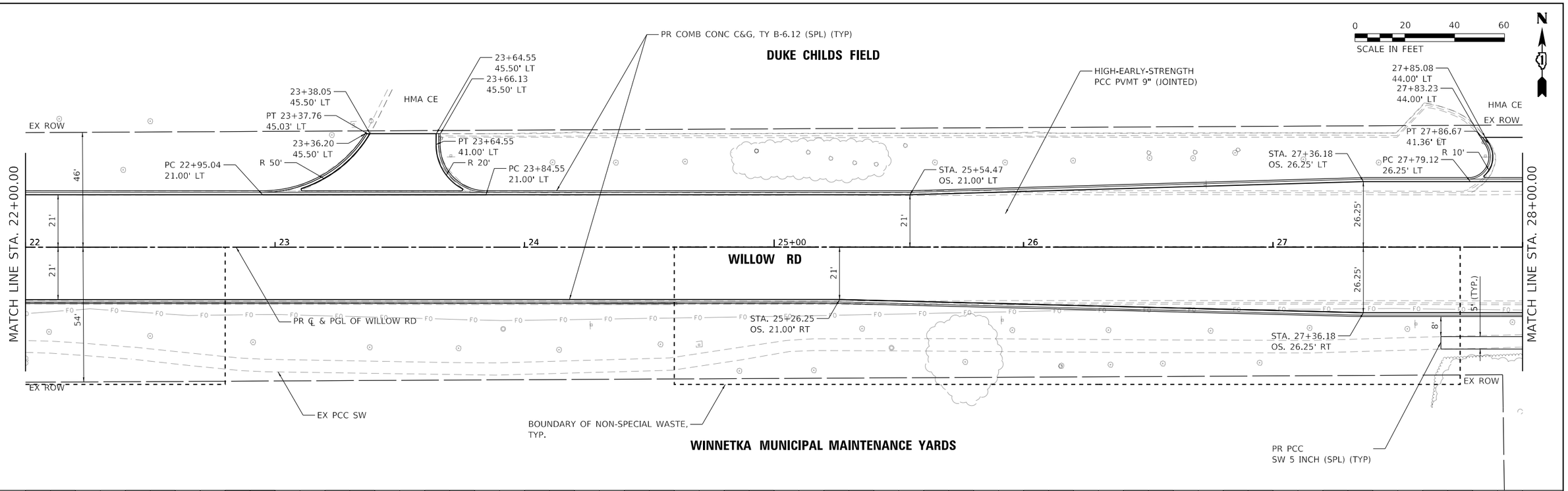
PLAN AND PROFILE
WILLOW ROAD

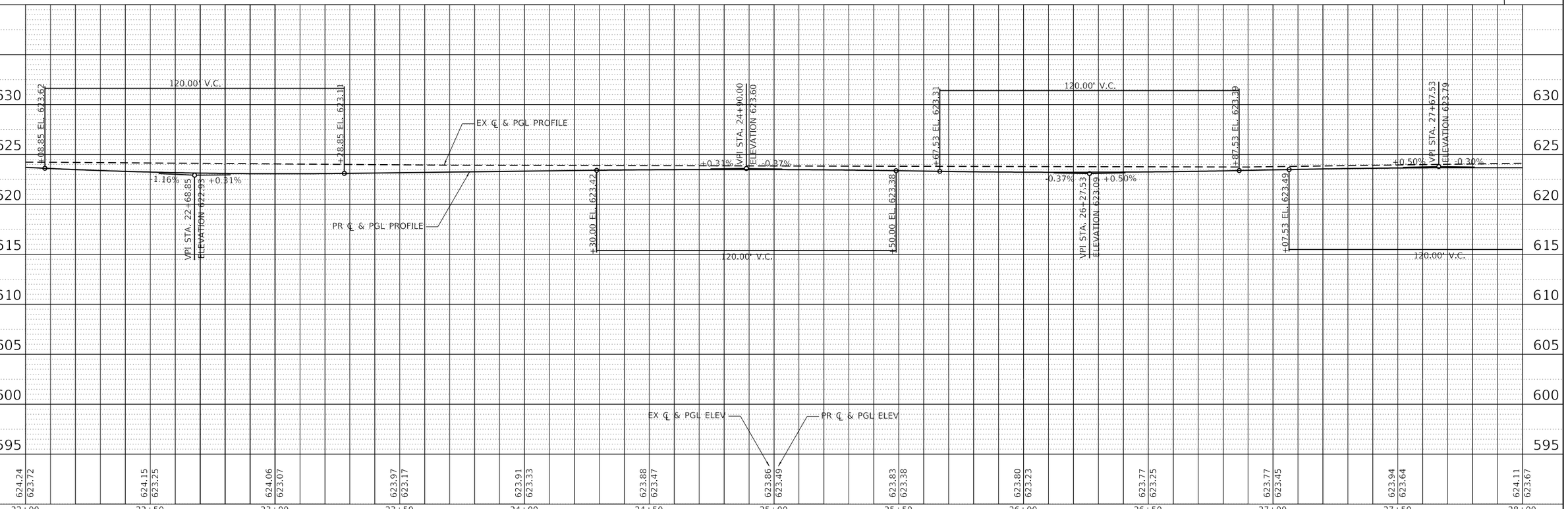
SCALE: 1" = 20' | SHEET 1 OF 9 SHEETS | STA. 16+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	38
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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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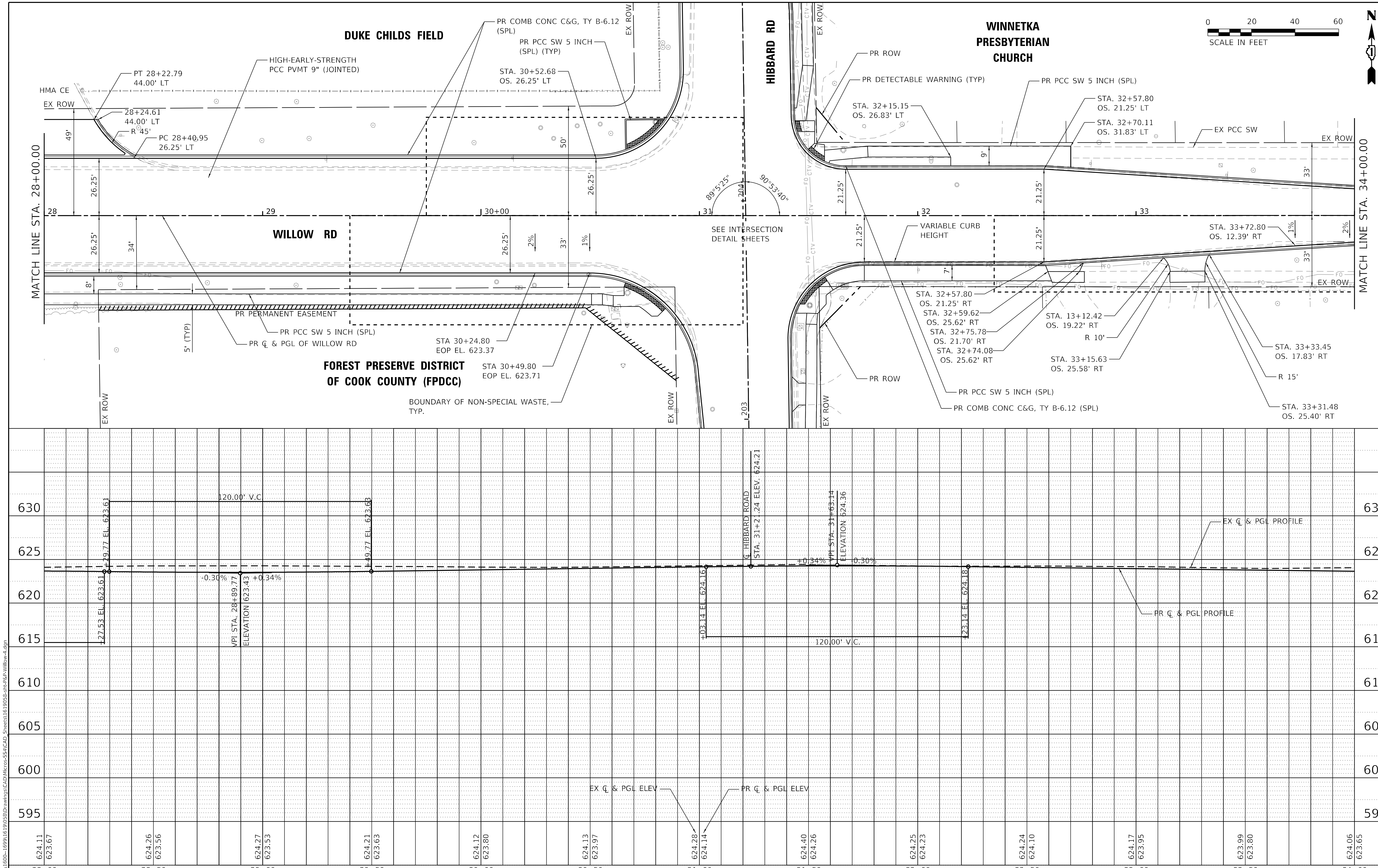
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 2 OF 9 SHEETS | STA. 22+00.00 TO STA. 28+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	39
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



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

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 3 OF 9 SHEETS | STA. 28+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	40

CONTRACT NO. 61M29

ILLINOIS | FED. AID PROJECT

SEE ENTRANCE DETAIL SHEETS (TYP)
EX PCC SW
PR COMB CONC C&G, TY B-6.12 (SPL) (TYP)
HIGH-EARLY-STRENGTH PCC PVMT 9" (JOINTED)
PR ℄ & PGL OF WILLOW RD
PR DETECTABLE WARNINGS (TYP)
STA. 34+03.51 OS. 12.00' LT
EX ROW
33'
12'
MATCH LINE STA. 34+00.00
34
35+00
36
37
38
39
WILLOW RD
SEE INTERSECTION DETAIL SHEETS
5' (TYP)
STA. 34+03.51 OS 12.00' RT
PR PCC SW 5 INCH (SPL) (TYP)
BOUNDARY OF NON-SPECIAL WASTE, TYP.
AUBURN AVE
EUCLID AVE
BERKELEY AVE
CROW ISLAND WOODS
MATCH LINE STA. 40+00.00
0 20 40 60
SCALE IN FEET
N

630
625
620
615
610
605
600
595
120.00' V.C.
+66.26 EL. 623.45
EX ℄ & PGL PROFILE
-0.30%
+0.30%
VPI STA. 35+26.26
ELEVATION 623.27
PR ℄ & PGL PROFILE
VPI STA. 36+73.13
ELEVATION 623.71
+13.13 EL. 623.53
+94.47 EL. 623.04
-0.30%
+0.70%
VPI STA. 39+54.47
ELEVATION 622.86
EX ℄ & PGL ELEV
PR ℄ & PGL ELEV
624.06 623.65
624.10 623.50
624.03 623.38
623.93 623.37
623.88 623.49
623.81 623.61
623.72 623.60
623.60 623.48
623.51 623.33
623.42 623.18
623.26 623.03
623.32 623.00
623.49 623.19
34+00
34+50
35+00
35+50
36+00
36+50
37+00
37+50
38+00
38+50
39+00
39+50
40+00

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

PROFILE
SURVEYED
PLOTTED
CHECKED
B.M. NOTED
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NOTE BOOK
NO.
BY
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MODEL: Default
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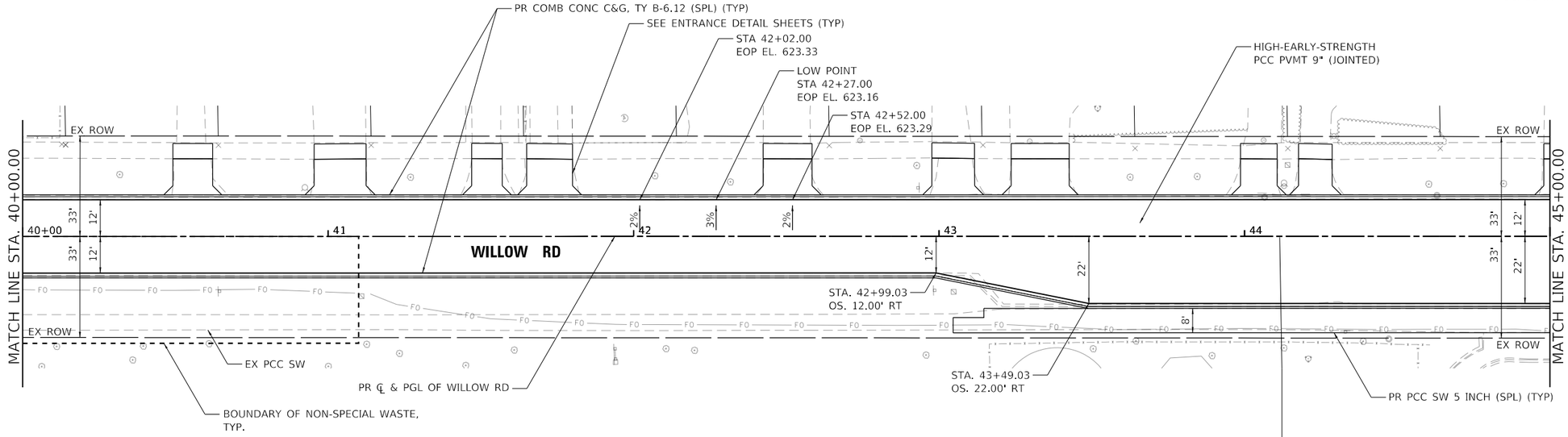
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WILLOW ROAD

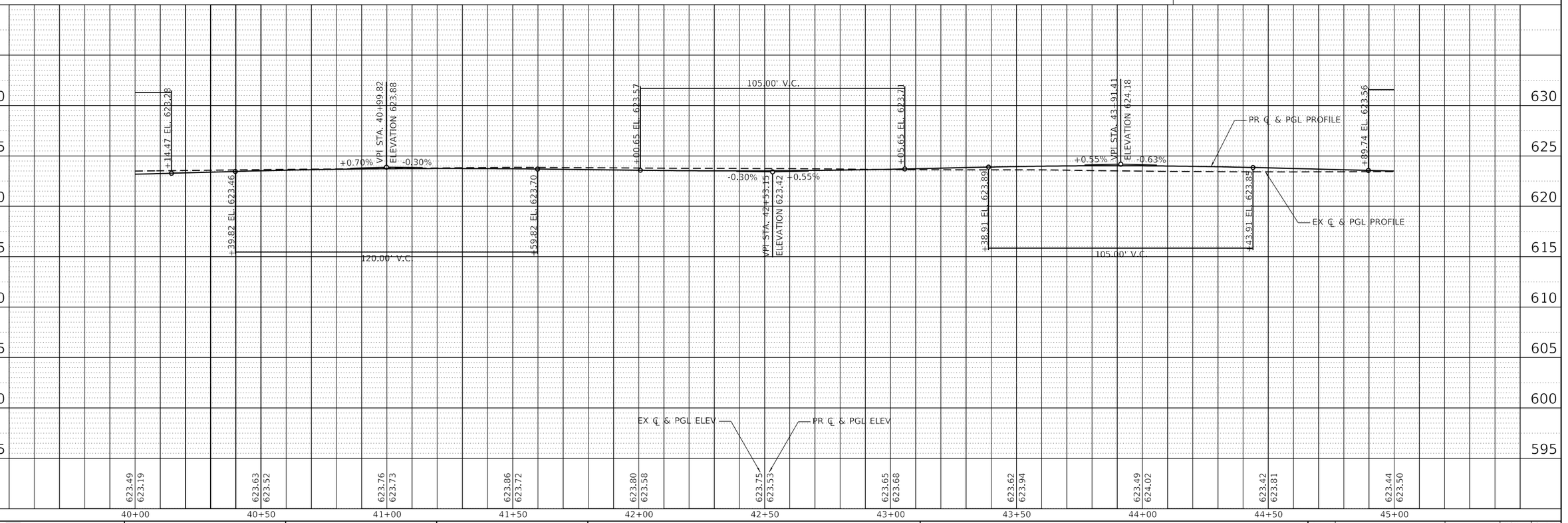
SCALE: 1" = 20' | SHEET 4 OF 9 SHEETS | STA. 34+00.00 | TO STA. 40+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	41
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



0 20 40 60
SCALE IN FEET

N



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

PROFILE
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PLOTTED
CROSS SECTIONS CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

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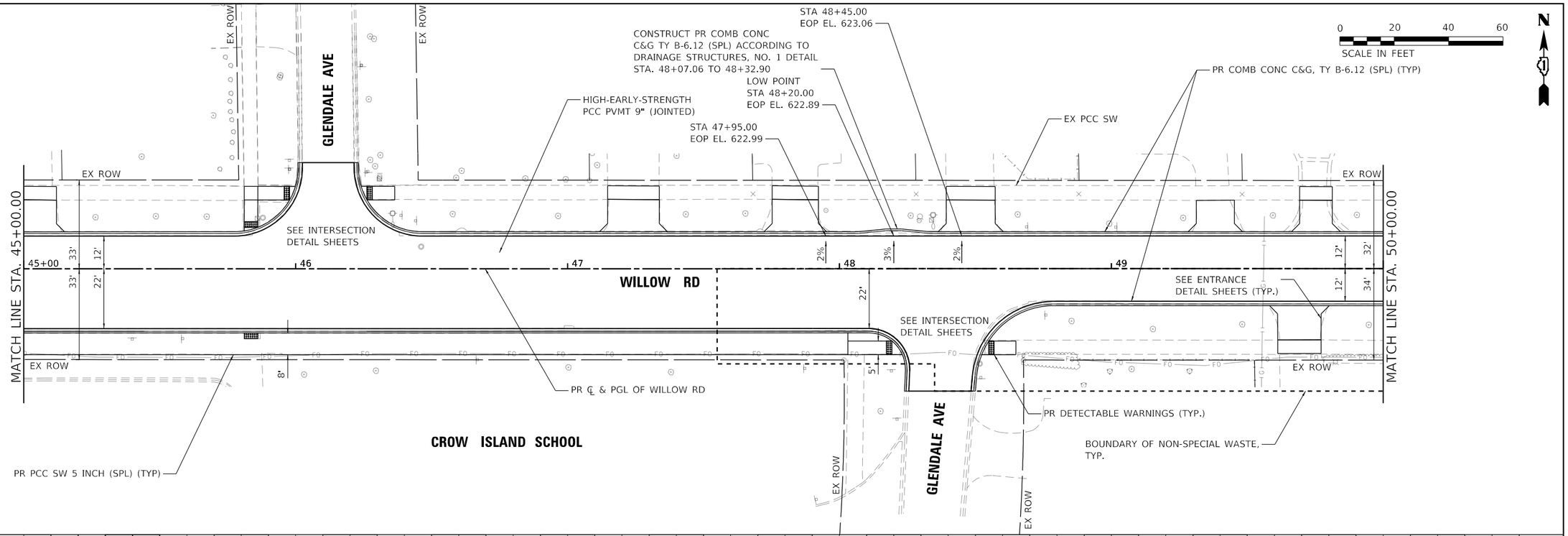
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

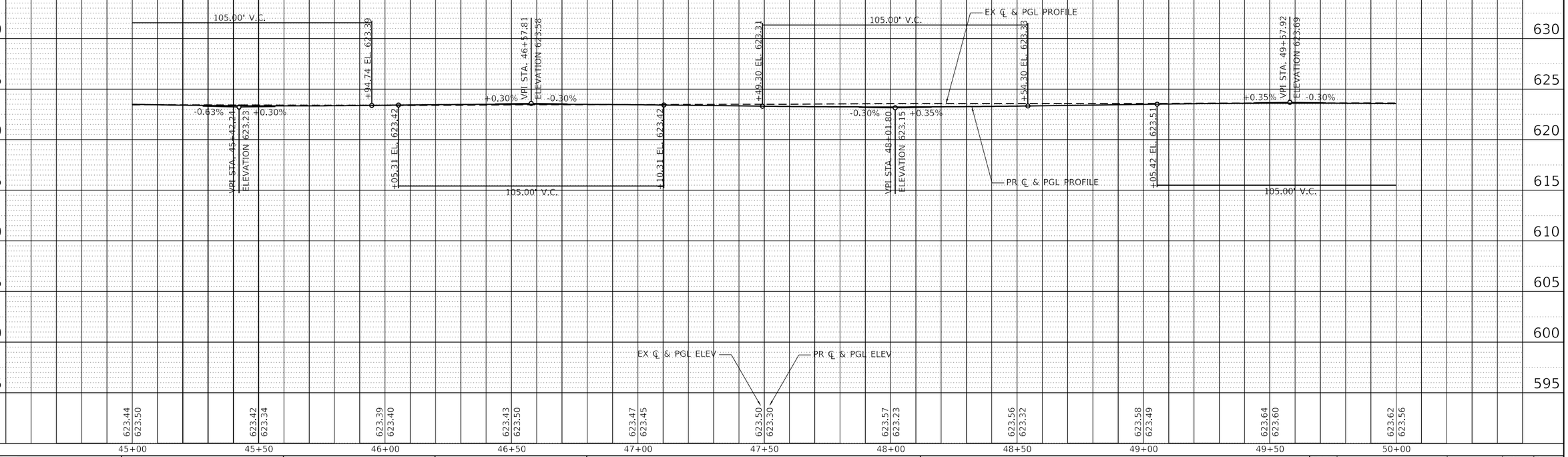
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 5 OF 9 SHEETS | STA. 40+00.00 | TO STA. 45+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	42
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	





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

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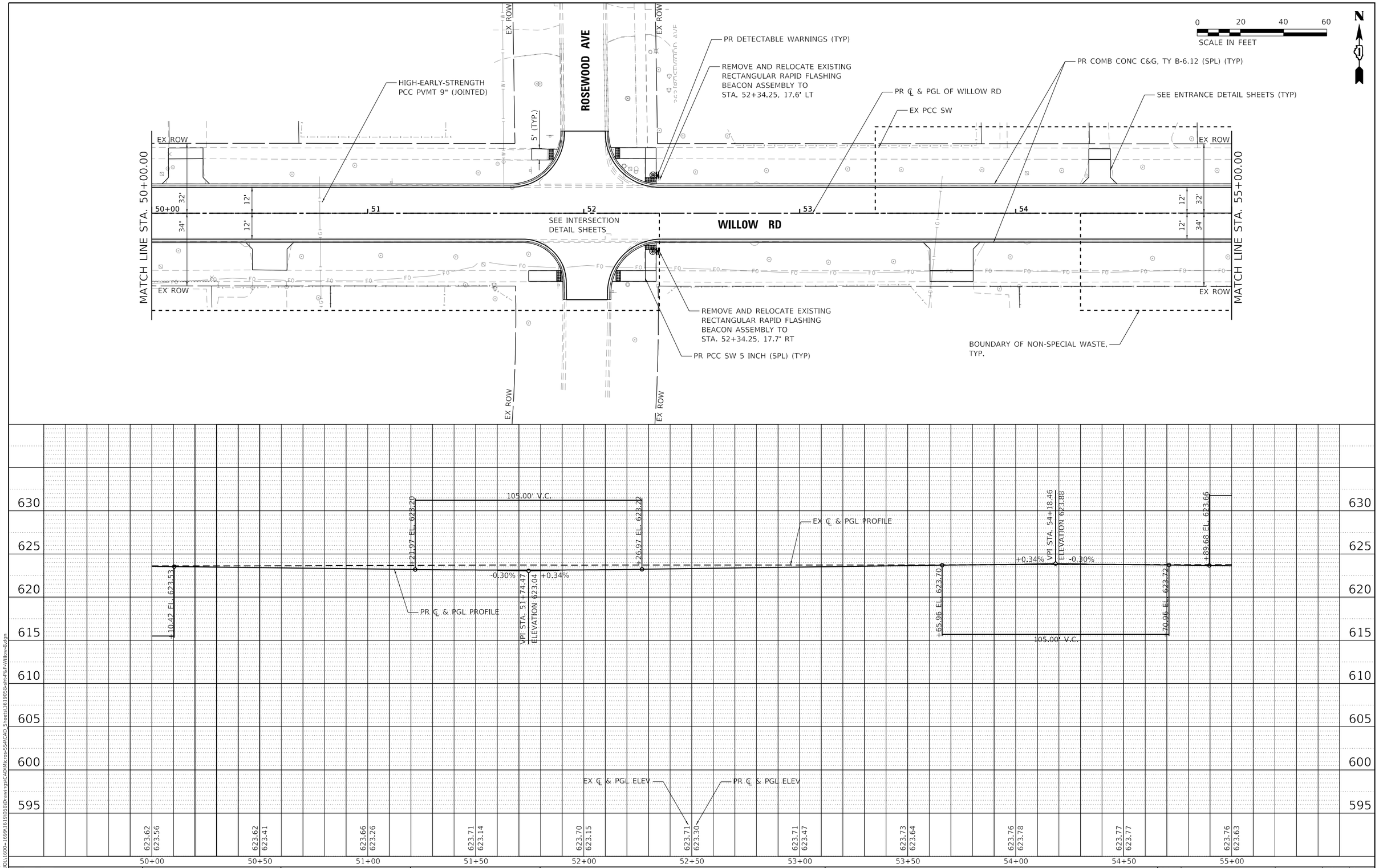
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 6 OF 9 SHEETS | STA. 45+00.00 | TO STA. 50+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	43
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



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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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 7 OF 9 SHEETS | STA. 50+00.00 | TO STA. 55+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	44
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

CONSTRUCT PR COMB CONC C&G, TY B-6.12 (SPL)
ACCORDING TO DRAINAGE STRUCTURES NO. 1 DETAIL
STA. 55+26.76 TO 55+52.58

HIGH-EARLY-STRENGTH PCC PVMT 9" (JOINTED)

BOUNDARY OF NON-SPECIAL WASTE, TYP.

EX ROW

LOCUST ST

5' (TYP)

PR DETECTABLE WARNINGS (TYP)

CONSTRUCT PR COMB CONC C&G, TY B-6.12 (SPL)
ACCORDING TO DRAINAGE STRUCTURES, NO. 1 DETAIL
STA. 60+07.07 TO 60+32.90

PR COMB CONC C&G, TY B-6.12 (SPL) (TYP)

LOW POINT
STA 60+20.00
EOP EL. 623.68

STA 60+45.00
EOP EL. 623.81

SEE ENTRANCE DETAIL SHEETS (TYP)

STA 59+95.00
EOP EL. 623.84

EX PCC SW

0 20 40 60
SCALE IN FEET

N

MATCH LINE STA. 55+00.00

MATCH LINE STA. 61+00.00

32'

12'

34'

55+00 56 57 58 59 60+00

SEE INTERSECTION DETAIL SHEETS

SEE INTERSECTION DETAIL SHEETS

WILLOW RD

2% 3% 2%

PR ℄ & PGL OF WILLOW RD

LOCUST RD

PR PCC SW 5 INCH (SPL) (TYP)

EX ROW

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

EX ℄ & PGL PROFILE

PR ℄ & PGL PROFILE

120.00' V.C.

120.00' V.C.

105.00' V.C.

120.00' V.C.

105.00' V.C.

+09.68 EL. 623.74

+18.67 EL. 623.78

+38.67 EL. 623.85

+42.05 EL. 623.84

+62.05 EL. 623.95

+74.91 EL. 624.02

+79.91 EL. 624.12

+81.18 EL. 624.11

+86.18 EL. 624.14

VPI STA. 55+49.68
ELEVATION 623.48

VPI STA. 56+78.67
ELEVATION 624.03

VPI STA. 58+02.05
ELEVATION 623.66

VPI STA. 59+27.41
ELEVATION 624.28

VPI STA. 60+33.68
ELEVATION 623.96

-0.30% +0.43%

+0.43% -0.30%

-0.30% +0.49%

+0.49% -0.30%

-0.30% +0.34%

EX ℄ & PGL ELEV

PR ℄ & PGL ELEV

55+00	55+50	56+00	56+50	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00
EX ℄ & PGL ELEV	623.76	623.63	623.73	623.59	623.69	623.70	623.83	623.88	623.87	623.92	623.86	623.82	623.90	623.78	623.97	623.90	624.06	624.12	624.16	624.17	624.26	624.07	624.35	624.05	624.50	624.18
PR ℄ & PGL ELEV																										

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STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

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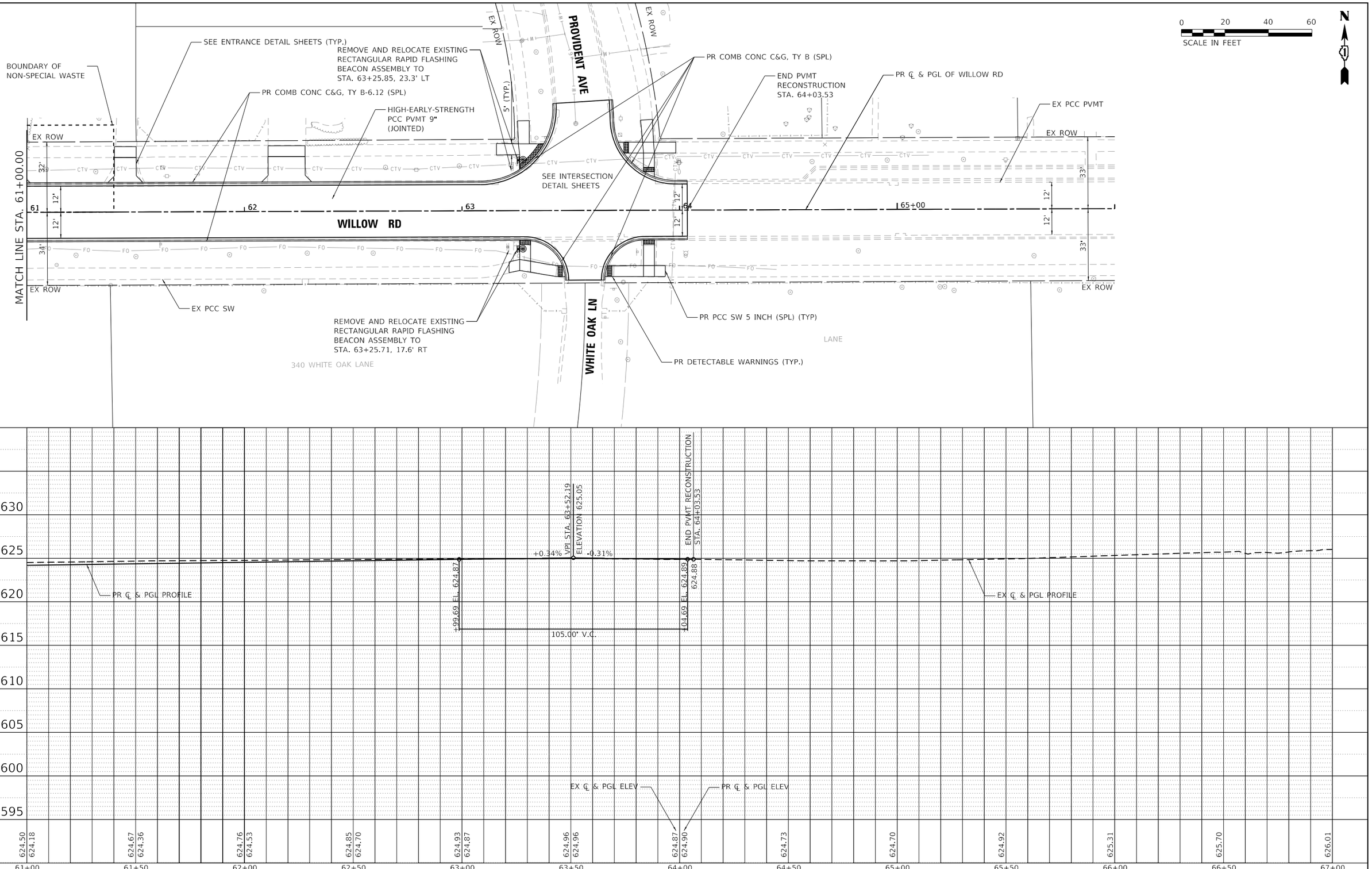
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 8 OF 9 SHEETS | STA. 55+00.00 TO STA. 61+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	45
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



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PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NO'TA'NS CHK'D, NOTE BOOK, NO., BY, DATE

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 9 OF 9 SHEETS | STA. 60+00.00 TO STA. 66+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	46
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC)

DUKE CHILDS FIELD

BEGIN PVMT RECONSTRUCTION STA. 200+05.15

EX HMA PVMT

EX ROW

EX PCC SW

LOW POINT STA 200+99.00 EOP EL. 623.52

STA 200+80.00 EOP EL. 623.71

STA. 200+76.44 OS. 13.02' LT

HIGH-EARLY-STRENGTH PCC PVMT 9" (JOINTED)

STA 201+18.00 EOP EL. 623.64

PR COMB CONC C&G, TY B (SPL) STA. 200+05.15 TO STA. 203+22.29 TRANSITION TO B-6.12 (SPL) FROM STA. 203+12.29 TO 203+22.29 (PAID FOR AS TY B (SPL))

BOUNDARY OF NON-SPECIAL WASTE, TYP.

PR PERMANENT EASEMENT

STA. 203+22.29 OS. 22.74' LT

PR DETECTABLE WARNINGS (TYP.)

STA. 202+31.08 OS. 18.50' LT

STA. 202+72.51 OS. 18.50' LT

STA. 204+60.57 OS. 27.50' LT

PR COMB CONC C&G, TY B-6.12 (SPL)

EX ROW

199 200+00 201 202 203 204

HIBBARD ROAD

33' 13' 13' 2% 3% 2% 18.5' 18.5' 22.7' 27.5' 50'

90°50'43" 89°5'25" 31'

SEE INTERSECTION DETAIL SHEETS

STA. 204+38.77 OS. 21.50' RT

21.5' 5' (TYP.) 21.5' 33'

MATCH LINE STA. 205+00.00

STA. 200+76.63 OS. 13.02' RT

STA 200+80.00 EOP EL. 623.71

LOW POINT STA 200+99.00 EOP EL. 623.52

STA 201+18.00 EOP EL. 623.64

STA. 201+21.66 OS. 21.09' RT

STA. 201+56.97 OS. 21.13' RT

STA. 202+05.74 OS. 23.42' RT

STA. 202+30.96 OS. 18.50' RT

STA. 203+16.14 OS. 26.43' RT

STA. 203+36.20 OS. 18.50' RT

STA. 31+21.24 (WILLOW RD) STA. 203+93.24 (HIBBARD RD)

PR ROW

EX ROW

PR ROW

STA. 204+61.70 OS. 27.08' RT

STA. 204+84.99 OS. 21.50' RT

PR PCC SW 5 INCH (SPL) (TYP)

SEE ENTRANCE DETAIL SHEETS (TYP)

319 HIBBARD ROAD

333 HIBBARD ROAD

345 HIBBARD ROAD

355 HIBBARD ROAD

HIBBARD RD

WILLOW ROAD

WINNETKA PRESBYTERIAN CHURCH

PR COMB CONC C&G, TY B (SPL) STA. 200+05.15 TO STA. 203+36.20 TRANSITION TO B-6.12 (SPL) FROM STA. 203+26.20 TO 203+36.20 (PAID FOR AS TY B (SPL))

0 20 40 60

SCALE IN FEET

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

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

635 630 625 620 615 610 605 600 595

105.00' V.C.

624.41

+52.65 EL. 624.11

+57.65 EL. 624.06

+68.31 EL. 624.12

105.00' V.C.

+73.31 EL. 624.24

105.00' V.C.

-0.64% +0.54% +0.54% -0.31% +1.00% -0.31% +1.00% -2.00% -0.47% -0.47%

VPI STA. 201+05.15 ELEVATION 623.77

VPI STA. 202+20.81 ELEVATION 624.40

VPI STA. 203+66.99 ELEVATION 623.94

VPI STA. 203+93.24 ELEVATION 624.21

VPI STA. 204+14.49 ELEVATION 623.78

VPI STA. 205+00.00

BEGIN PVMT RECONSTRUCTION STA. 200+05.15

EX G & PGL PROFILE

PR G & PGL PROFILE

G WILLOW ROAD

EX G & PGL ELEV

PR G & PGL ELEV

624.35 624.37 624.41 624.44 624.12 624.48 623.93 624.52 624.02 624.57 624.25 624.57 624.29 624.55 624.15 624.54 624.00 624.38 624.07 624.42 623.61 624.55 623.48

199+00 199+50 200+00 200+50 201+00 201+50 202+00 202+50 203+00 203+50 204+00 204+50 205+00

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA. 199+00.00 TO STA. 205+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	47
		CONTRACT NO. 61M29		
		ILLINOIS FED. AID PROJECT		

DUKE CHILDS FIELD

SCALE IN FEET 0 20 40 60

STA 207+91.03
EOP EL. 623.34

LOW POINT
STA 207+72.03
EOP EL. 623.13

STA 207+53.03
EOP EL. 623.33

HIGH-EARLY-STRENGTH PCC
PVMT 9" (JOINTED)

PR COMB CONC C&G, TY
B-6.12 (TYP)

STA. 208+78.48
OS. 13.00' LT

END PVMT RECONSTRUCTION
STA. 209+16.88

EX HMA PVMT

EX ROW

STA. 205+58.33
OS. 27.50' LT

STA. 206+93.91
OS. 22.00' LT

STA. 207+43.49
OS. 22.00' LT

MATCH LINE STA. 205+00.00

27.5'
22'
22'
2%
3%
2%
13'
13'
14'
50'
13'
33'

205+00 206 207 208 209 210+00 211

HIBBARD ROAD

STA. 206+08.13
OS. 21.07' RT

SEE INTERSECTION
DETAIL SHEETS

EX ROW

STA. 205+81.78
OS. 27.08' RT

PR PCC SDWK 5
INCH (SPL) (TYP)

HMA CE

STA. 206+93.79
OS. 13.00' RT

STA. 206+93.94
OS. 17.58' RT

STA. 207+43.49
OS. 13.00' RT

STA. 207+43.42
OS. 17.58' RT

STA 207+53.03
EOP EL. 623.49

LOW POINT
STA 207+72.03
EOP EL. 623.26

STA. 207+77.84
OS. 26.00' RT

STA 207+91.03
EOP EL. 623.37

ASH STREET

STA. 208+54.55
OS. 18.14' RT

EX PCC SW

PR DETECTABLE WARNINGS (TYP.)

WINNETKA
PRESBYTERIAN
CHURCH

SEE ENTRANCE DETAIL SHEETS

1260 ASH STREET

1261 ASH STREET

EX ROW

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

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

635
630
625
620
615
610
605
600
595

105.00' V.C.
+32.50 EL. 623.54
+0.30%
ELEVATION 623.38
+37.50 EL. 623.79
105.00' V.C.
+42.50 EL. 623.79
+0.30%
VPI STA. 206+90.00
ELEVATION 623.95
-0.30%
95.00' V.C.
+37.50 EL. 623.79
-0.30%
+0.30%
VPI STA. 207+90.00
ELEVATION 623.65
624.03
END PVMT RECONSTRUCTION
STA. 209+16.88
EX ℄ & PGL PROFILE
PR ℄ & PGL PROFILE

624.55 623.48
624.52 623.53
624.50 623.68
624.42 623.83
624.30 623.87
624.22 623.77
624.14 623.72
624.03 623.83
624.00 623.98
624.07
624.04
623.95
623.97

EX ℄ & PGL ELEV
PR ℄ & PGL ELEV

205+00 205+50 206+00 206+50 207+00 207+50 208+00 208+50 209+00 209+50 210+00 210+50 211+00

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS | STA. 205+00.00 TO STA. 211+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	48
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

SEQUENCE OF CONSTRUCTION

PRESTAGE

WILLOW ROAD - WEST OF HIBBARD ROAD

INSTALL PRESTAGE TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS FOR WATERMAIN INSTALLATION. MAINTAIN 2-WAY TRAFFIC BY TRUNCATING TWO THROUGH LANES DOWN TO ONE IN EACH DIRECTION AND SHIFTING WESTBOUND TRAFFIC SOUTH OF THE PROPOSED CENTERLINE. CONVERT EASTBOUND INSIDE TRAVEL LANE TO A LEFT TURN ONLY LANE AT FOREST WAY DRIVE.

WILLOW ROAD - EAST OF HIBBARD

INSTALL PRESTAGE TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. CONVERT WESTBOUND INSIDE TRAVEL LANE TO LEFT TURN ONLY LANE.

HIBBARD ROAD

NO WORK.

STAGE 1:

WILLOW ROAD - WEST OF HIBBARD ROAD

INSTALL STAGE 1 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINTAIN EASTBOUND LEFT TURN ONLY LANE AND RIGHT TURN ONLY LANE AT HIBBARD INTERSECTION.

WILLOW ROAD - EAST OF HIBBARD

INSTALL STAGE 1 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. WILLOW ROAD EAST OF HIBBARD WILL BE CLOSED TO THROUGH TRAFFIC.

HIBBARD ROAD

INSTALL STAGE 1 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. CLOSE SOUTHBOUND LEFT TURN LANE.

STAGE 2:

WILLOW ROAD - WEST OF HIBBARD ROAD

INSTALL STAGE 2 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. SHIFT EASTBOUND TRAFFIC NORTH OF THE PROPOSED CENTERLINE. WESTBOUND TRAFFIC WILL BE DETOURED UNTIL STAGE 4.

WILLOW ROAD - EAST OF HIBBARD

INSTALL STAGE 2 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINTAIN WESTBOUND RIGHT TURN LANE.

HIBBARD ROAD

INSTALL STAGE 2 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINTAIN NORTHBOUND TRAFFIC EAST OF THE PROPOSED CENTERLINE. SOUTHBOUND TRAFFIC WILL BE DETOURED UNTIL STAGE 5.

STAGE 3:

WILLOW ROAD - WEST OF HIBBARD ROAD

INSTALL STAGE 3 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. SHIFT EASTBOUND TRAFFIC SOUTH OF THE PROPOSED CENTERLINE. CONVERT EASTBOUND INSIDE TRAVEL LANE TO A LEFT TURN ONLY LANE AT FOREST WAY DRIVE.

WILLOW ROAD - EAST OF HIBBARD

INSTALL STAGE 3 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINTAIN WESTBOUND RIGHT TURN LANE.

HIBBARD ROAD

MAINTAIN NORTHBOUND TRAFFIC EAST OF THE PROPOSED CENTERLINE.

STAGE 3A:

WILLOW ROAD - WEST OF HIBBARD ROAD

INSTALL STAGE 3A TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. INSTALL PAVEMENT SECTION IN CENTER OF WILLOW ROAD AND HIBBARD ROAD INTERSECTION. MAINTAIN EASTBOUND LEFT TURN LANE AND EASTBOUND THROUGH LANE.

WILLOW ROAD - EAST OF HIBBARD

MAINTAIN WESTBOUND RIGHT TURN LANE.

HIBBARD ROAD

MAINTAIN NORTHBOUND TRAFFIC EAST OF THE PROPOSED CENTERLINE.

STAGE 4:

WILLOW ROAD - WEST OF HIBBARD ROAD

INSTALL STAGE 4 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINTAIN TWO LANES OF WESTBOUND AND EASTBOUND TRAFFIC. CLOSE EASTBOUND RIGHT TURN LANE AT HIBBARD INTERSECTION.

WILLOW ROAD - EAST OF HIBBARD

INSTALL STAGE 4 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINTAIN WESTBOUND THROUGH / RIGHT TURN LANE. CLOSE LEFT TURN ONLY LANE.

HIBBARD ROAD

INSTALL STAGE 4 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. SHIFT NORTHBOUND TRAFFIC WEST OF THE PROPOSED CENTERLINE.

STAGE 5:

WILLOW ROAD - WEST OF HIBBARD ROAD

INSTALL STAGE 5 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. SHIFT LEFT TURN LANE SOUTH, INSTALL STRIPED MEDIAN, AND OPEN RIGHT TURN LANE AT HIBBARD INTERSECTION.

WILLOW ROAD - EAST OF HIBBARD

INSTALL STAGE 5 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. WILLOW ROAD EAST OF HIBBARD ROAD WILL BE CLOSED TO PERFORM WORK.

HIBBARD ROAD

INSTALL STAGE 5 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. SHIFT NORTHBOUND TRAFFIC WEST OF THE PROPOSED CENTERLINE. MAINTAIN 2-WAY TRAFFIC.

GENERAL NOTES

1. ALL TEMPORARY LANES SHALL MAINTAIN A 10.0" MINIMUM WIDTH, UNLESS OTHERWISE NOTED.
2. BARRICADES/DRUMS USED DURING CONSTRUCTION SHALL BE PLACED 10 FT APART ALONG ALL CURVES/RADII, 20 FT APART ALONG ALL TAPERS, AND 25 FT APART ALONG ALL TANGENTS.
3. ALL UNDERGROUND UTILITY WORK SHALL BE COORDINATED WITH THE SUGGESTED MAINTENANCE OF TRAFFIC.
4. CONSTRUCTION AREAS SHALL BE DEFINED IN COORDINATION WITH PAVEMENT JOINT LOCATIONS.
5. ALL DRIVEWAYS SHALL BE CONSTRUCTED IN HALVES TO MAINTAIN ACCESS AT ALL TIMES UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. DRIVEWAY ENTRANCES SHALL UTILIZE "DRIVEWAY ENTRANCE" SIGN SHOWN ON TC-26. ALL DRIVEWAYS CONNECTING EXISTING SIDEWALK SHALL UTILIZE TEMPORARY SIDEWALK TO MAINTAIN PEDESTRIAN ACCESS DURING CONSTRUCTION.
6. SAW CUTTING OF THE EXISTING PAVEMENT FOR SUBSEQUENT STAGE CONSTRUCTION SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
7. ALL TEMPORARY PAVEMENT MARKINGS IN CONFLICT OR NO LONGER NEEDED MUST BE REMOVED BEFORE STARTING THE NEW TRAFFIC CONFIGURATION FOR THE NEXT MOT STAGE.
8. TRAFFIC SIDE TEMPORARY CONCRETE BARRIER PINNING SHALL BE REQUIRED AT ALL LOCATIONS SPECIFIED IN THE PLANS AND AT ANY OTHER LOCATION WHERE A HAZARD (FIXED OBJECT OR DROP-OFF) IS LOCATED WITHIN 24" BEHIND THE WALL.
9. ALL TEMPORARY CONCRETE BARRIER END SECTION AND TRAFFIC SIDE PINNING LOCATIONS SHALL HAVE 6" MINIMUM OF CLEAR PAVEMENT BEHIND THE BARRIER.
10. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR SHALL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CANNOT BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.
11. MAINTENANCE OF TRAFFIC PLAN SHOWN IS SUGGESTED.
12. ALL TEMPORARY IMPACT ATTENUATORS SHALL BE IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2.
    TEMPORARY PAVEMENT MARKINGS TO BE USED OVER THE WINTER SHALL BE MODIFIED URETHANE.
13. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGN MESSAGES SHALL BE REVISED TWO WEEKS THEREAFTER. THE SIGN LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER.
14. EXISITNG PAVEMENT SHALL BE REMOVED AS NECESSARY TO PROVIDE A SMOOTH TRANSITION AT THE CONSTRUCTION JOINT FROM PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT AND EXISTING HOT-MIX ASPHALT PAVEMENT. THIS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH. TEMPORARY RAMPS SHALL BE UTILIZED WHEN NECESSARY.
15. SIDEWALK CLOSED SIGNS SHALL BE MOUNTED ON A DETECTABLE PEDESTRIAN BARRICADE IN ACCORDANCE WITH APPLICABLE HIGHWAY STANDARDS.

LEGEND

- (1) TEMPORARY PAVEMENT MARKING - LINE 4" - SOLID WHITE, TYPE IV TAPE
- (2) TEMPORARY PAVEMENT MARKING - LINE 4" - SOLID YELLOW, TYPE IV TAPE
- (3) TEMPORARY PAVEMENT MARKING - LINE DOUBLE 4" - SOLID YELLOW, 11" C-C, TYPE IV TAPE
- (4) TEMPORARY PAVEMENT MARKING - LINE 6" - SOLID WHITE, TYPE IV TAPE
- (5) TEMPORARY PAVEMENT MARKING - LINE 6" - 2-FT. / 6-FT. DOTTED WHITE, TYPE IV TAPE
- (6) TEMPORARY PAVEMENT MARKING - LINE 24" - WHITE, TYPE IV TAPE
- (7) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS, TYPE IV TAPE
- (8) TEMPORARY PAVEMENT MARKING - LINE 4" - WHITE - 10 FT. DASH / 30 FT. SKIP, TYPE IV TAPE
- (9) TEMPORARY PAVEMENT MARKING - LINE 12" - SOLID YELLOW, TYPE IV TAPE
- (10) TEMPORARY PAVEMENT MARKING - LINE DOUBLE 4" - SOLID YELLOW, 11" C-C, FT DASH / 6 FT SKIP, TYPE IV TAPE
- (11) TEMPORARY PAVEMENT MARKING - LINE 8" - SOLID WHITE, TYPE IV TAPE
- (12) TEMPORARY PAVEMENT MARKING - LINE 8" - SOLID WHITE - 3 FT. DASH / 9 FT. SKIP, TYPE IV TAPE
- PROPOSED WORK COMPLETED THIS STAGE
- PROPOSED WORK COMPLETED PREVIOUS STAGE
- DRUMS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- TYPE III BARRICADE
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
- FLASHING ARROW BOARD
- DIRECTION INDICATOR BARRICADE

STRAND ASSOCIATES®
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	49
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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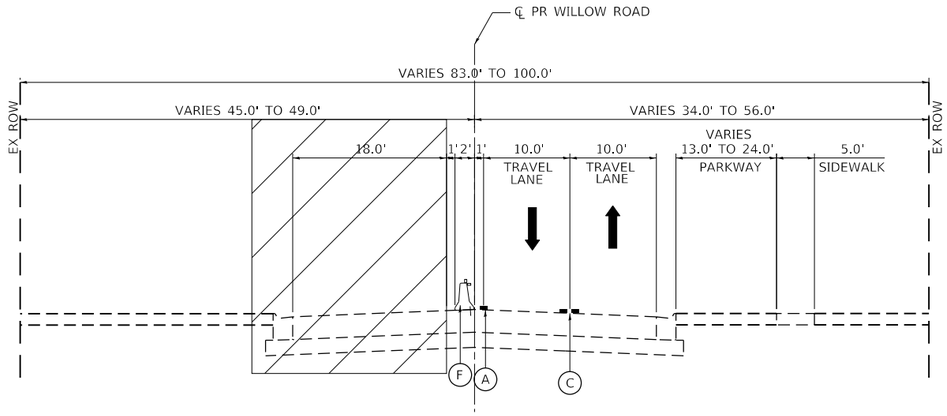
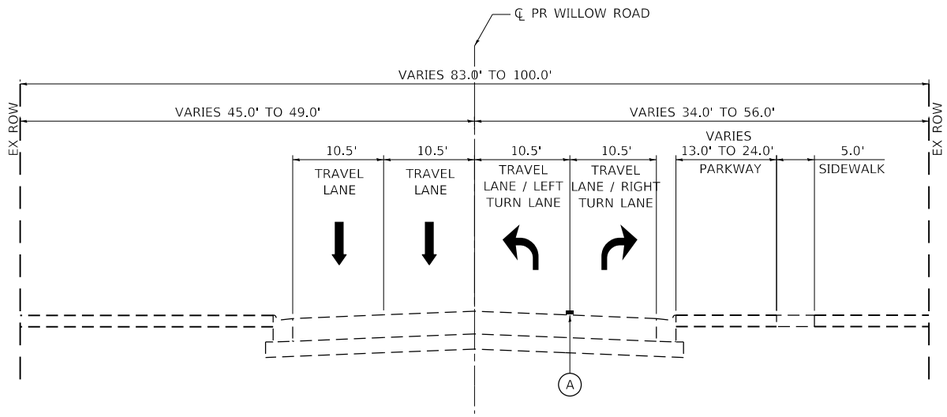


PRESTAGE
WILLOW ROAD (WEST OF HIBBARD) TYPICAL SECTION
STA. 19+34.96 TO STA. 30+61.18

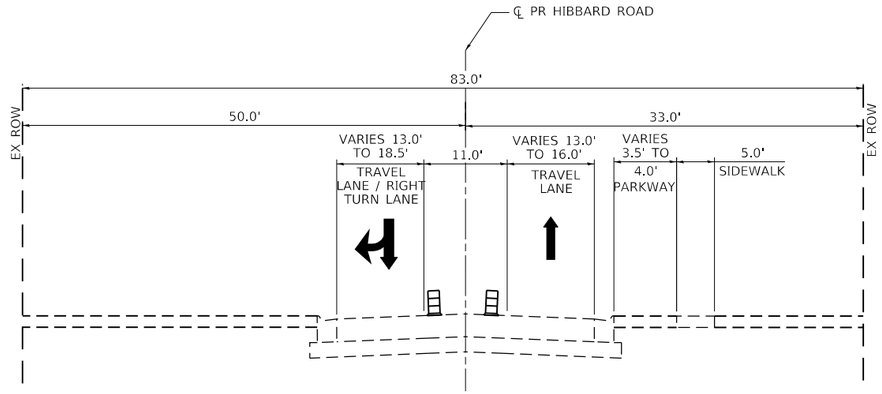


STAGE 1
WILLOW ROAD (WEST OF HIBBARD) TYPICAL SECTION
STA. 19+34.96 TO STA. 30+61.18

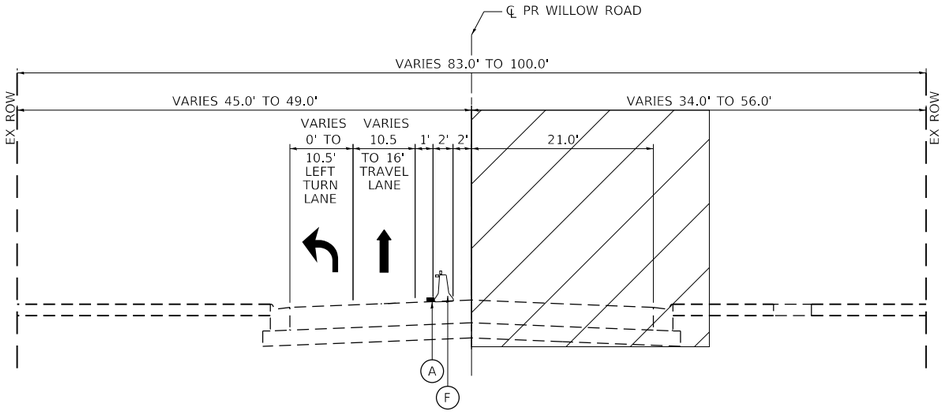
MAINTENANCE OF TRAFFIC LEGEND

- WORK AREA
- TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER
- TEMPORARY DRUM
- TEMPORARY CONCRETE BARRIER - PINNED

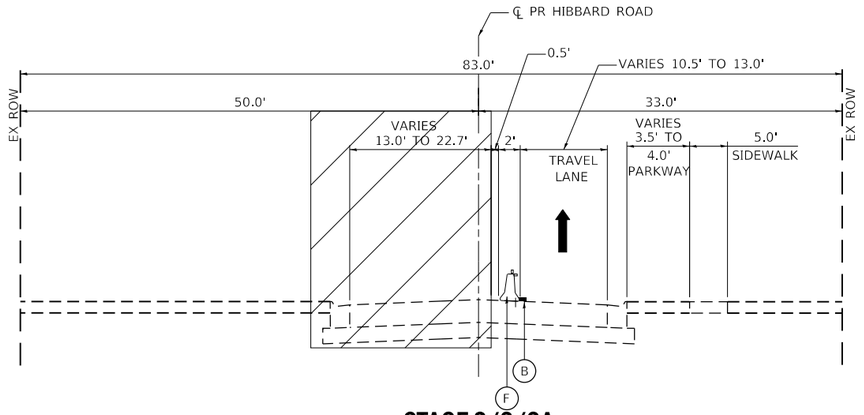
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" - SOLID WHITE, TYPE IV TAPE
- (B) TEMPORARY PAVEMENT MARKING - LINE 4" - SOLID YELLOW, TYPE IV TAPE
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" - @ 11" C-C - DOUBLE YELLOW, TYPE IV TAPE
- (D) TEMPORARY PAVEMENT MARKING - LINE 6" - SOLID WHITE, TYPE IV TAPE
- (E) TEMPORARY PAVEMENT MARKING - LINE 4" - (10' DASH, 30' SKIP) WHITE, TYPE IV TAPE
- (F) TEMPORARY CONCRETE BARRIER W/ BIDIRECTIONAL TYPE C CRYSTAL REFLECTORS



STAGE 1
HIBBARD ROAD TYPICAL SECTION
STA. 204+43.24 TO STA. 205+58.72



STAGE 2
WILLOW ROAD (WEST OF HIBBARD) TYPICAL SECTION
STA. 17+84.56 TO STA. 31+28.29



STAGE 2/3/3A
HIBBARD ROAD TYPICAL SECTION
STA. 200+05.15 TO STA. 209+16.88

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PLOT DATE = 7/8/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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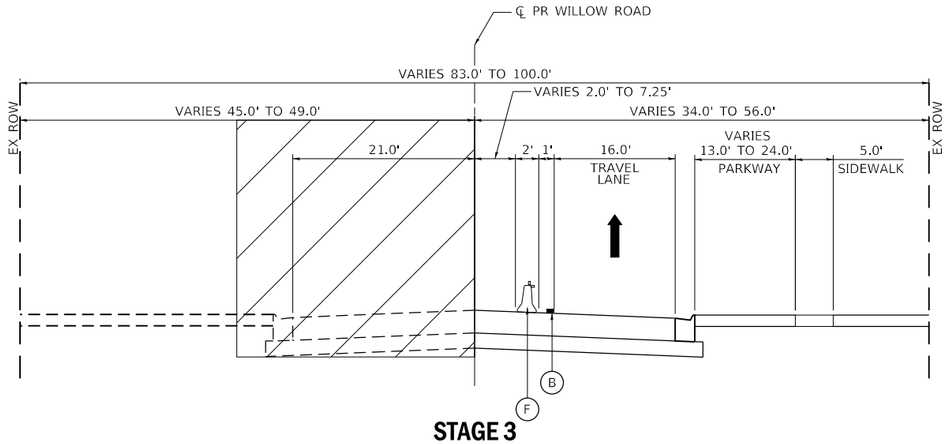
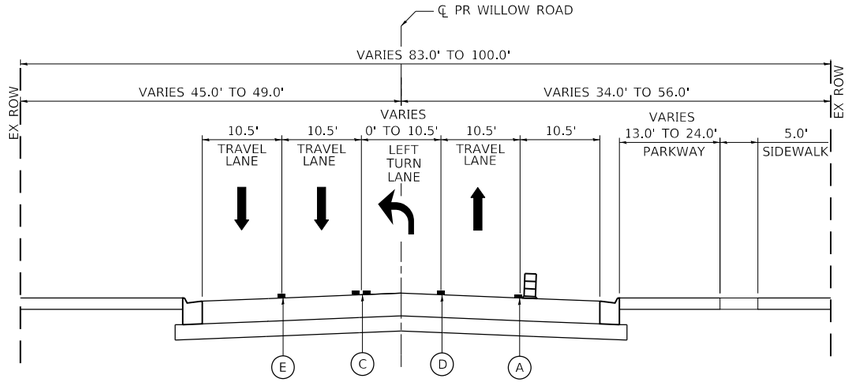
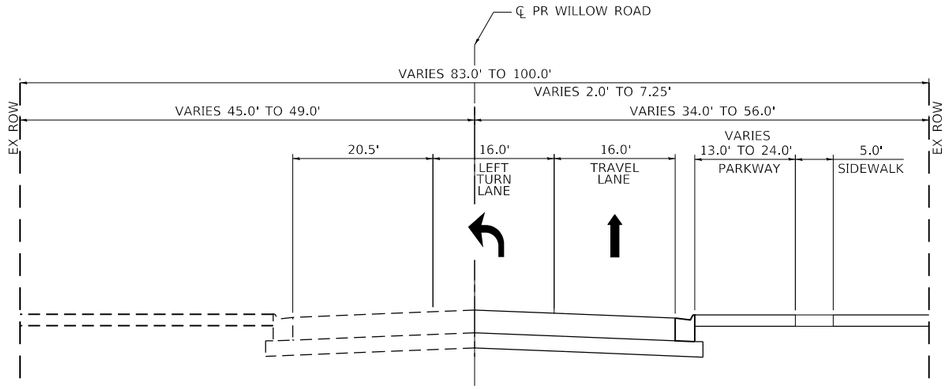
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		



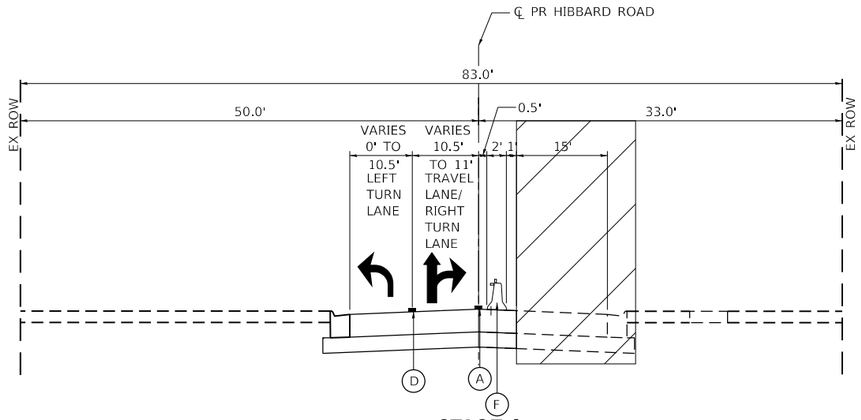
STAGE 3
WILLOW ROAD (WEST OF HIBBARD) TYPICAL SECTION
STA. 18+01.18 TO STA. 31+26.71



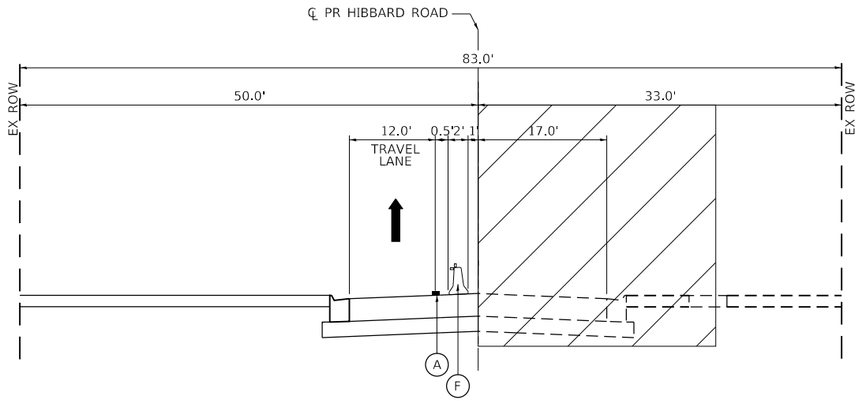
STAGE 4
WILLOW ROAD (WEST OF HIBBARD) TYPICAL SECTION
STA. 25+81.22 TO STA. 30+61.40



STAGE 3A
WILLOW ROAD (WEST OF HIBBARD) TYPICAL SECTION
STA. 18+01.18 TO STA. 30+30.21



STAGE 4
HIBBARD ROAD TYPICAL SECTION
STA. 199+09.93 TO STA. 203+39.61



STAGE 4
HIBBARD ROAD TYPICAL SECTION
STA. 204+73.80 TO STA. 209+16.88

MAINTENANCE OF TRAFFIC LEGEND

- WORK AREA
- TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER
- TEMPORARY DRUM

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - SOLID WHITE, TYPE IV TAPE
(B) TEMPORARY PAVEMENT MARKING - LINE 4" - SOLID YELLOW, TYPE IV TAPE
(C) TEMPORARY PAVEMENT MARKING - LINE 4" - @ 11" C-C - DOUBLE YELLOW, TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - SOLID WHITE, TYPE IV TAPE
(E) TEMPORARY PAVEMENT MARKING - LINE 4" - (10' DASH, 30' SKIP) WHITE, TYPE IV TAPE
(F) TEMPORARY CONCRETE BARRIER W/ BIDIRECTIONAL TYPE C CRYSTAL REFLECTORS

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PLOT DATE = 7/8/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	51
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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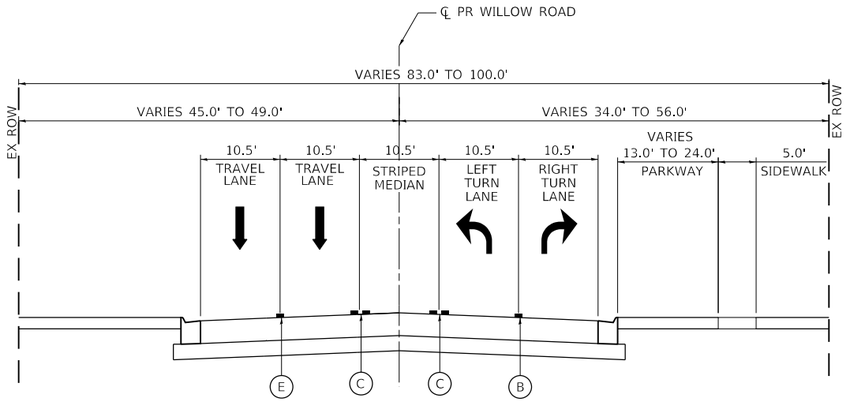
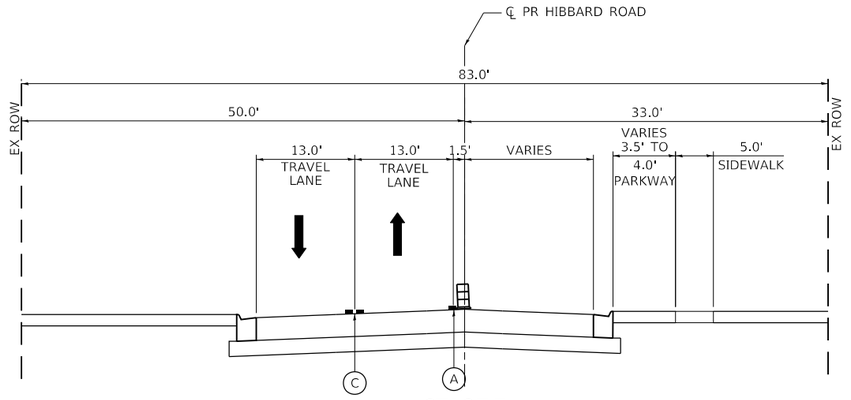


STAGE 5
WILLOW ROAD (WEST OF HIBBARD) TYPICAL SECTION
STA. 27+36.19 TO STA. 30+61.27



STAGE 5
HIBBARD ROAD TYPICAL SECTION
STA. 200+76.92 TO STA. 209+16.88

MAINTENANCE OF TRAFFIC LEGEND

- WORK AREA
- TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER
- TEMPORARY DRUM

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - SOLID WHITE, TYPE IV TAPE
(B) TEMPORARY PAVEMENT MARKING - LINE 4" - SOLID YELLOW, TYPE IV TAPE
(C) TEMPORARY PAVEMENT MARKING - LINE 4" - @ 11' C-C - DOUBLE YELLOW, TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - SOLID WHITE, TYPE IV TAPE
(E) TEMPORARY PAVEMENT MARKING - LINE 4" - (10' DASH, 30' SKIP) WHITE, TYPE IV TAPE
(F) TEMPORARY CONCRETE BARRIER W/ BIDIRECTIONAL TYPE C CRYSTAL REFLECTORS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	52
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

SKOKIE

RIVER

EX ROW

10+00

12.0' 10.5' 10.5' 12.0'

STA. 12+30.67

PR ℄ OF WILLOW RD

END WORK ZONE SPEED LIMIT
G20-I103-6036

STA. 15+75.67

WILLOW RD

15+00

EX ROW

MATCH LINE STA. 16+00.00

10.5' 10.5' 11.3'

200' 300' 75'

W20-I103(0)-48 W12-I102-48 R3-7L-36

WORK ZONE W2-I115(O)-3618
SPEED LIMIT 30 R2-1-3648
$250 FINE MINIMUM R2-I106-3618

R3-8-36

0 20 40 60
SCALE IN FEET

N

W20-I103(0)-36
M6-1(0)-2115

200'

FOREST WAY DRIVE

W1-6R(O)-6030
MOUNTED ABOVE
TYPE III BARRICADE

100'

W1-3R(O)-48

TEMPORARY CONCRETE BARRIER
CONTINOUSLY PINNED

EX ROW

MATCH LINE STA. 16+00.00

14.3'

10.5'

10.5' 10.5'

10.0'

120'-00

WILLOW RD

10.0' 10.0'

MATCH LINE STA. 22+00.00

+33

STA. 16+75.67

KEEP RIGHT
R4-7a-2430

EX HMA CE

W6-3(O)-48

WORK ZONE W2-I115(O)-3618
SPEED LIMIT 30 R2-1-3648
$250 FINE MINIMUM R2-I106-3618

STA. 19+34.96

EX HMA CE

0 20 40 60
SCALE IN FEET

N

MODEL: Default
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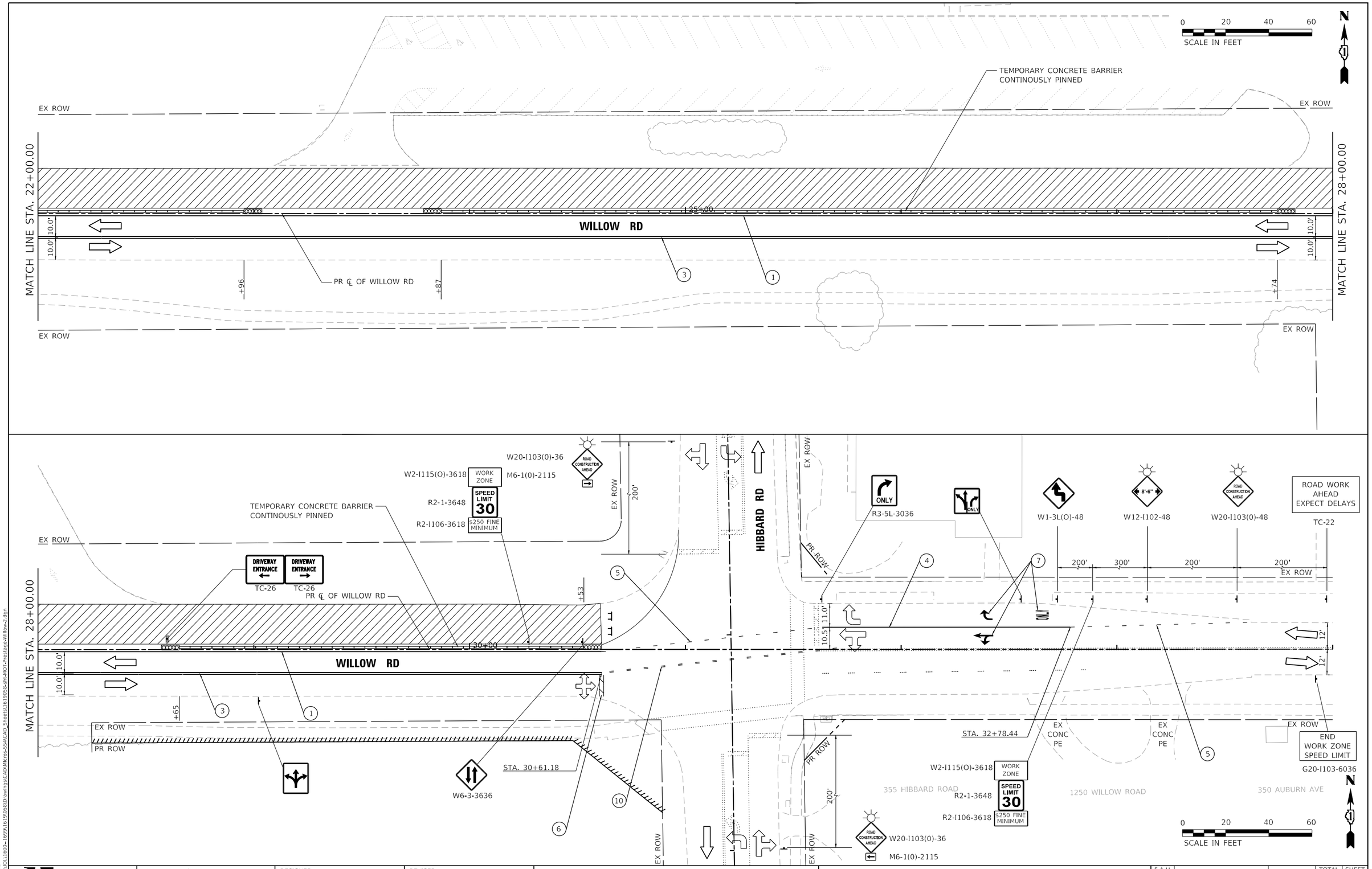
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - PRESTAGE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 1 OF 20 SHEETS | STA. 10+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	53
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		



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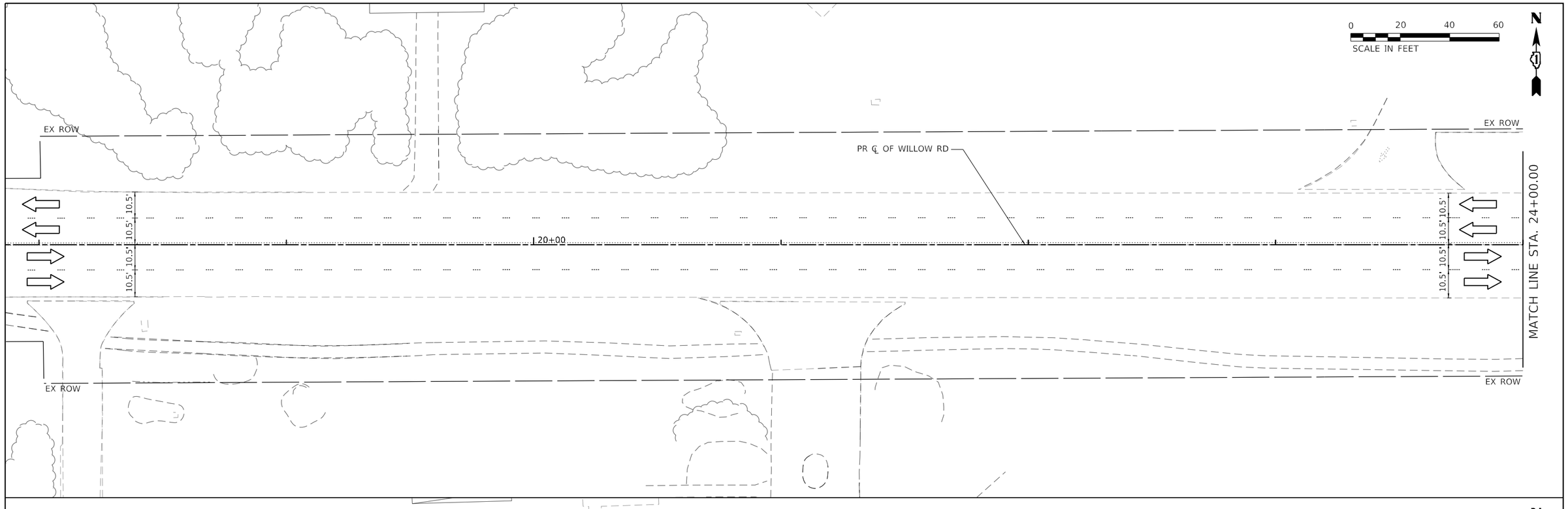
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

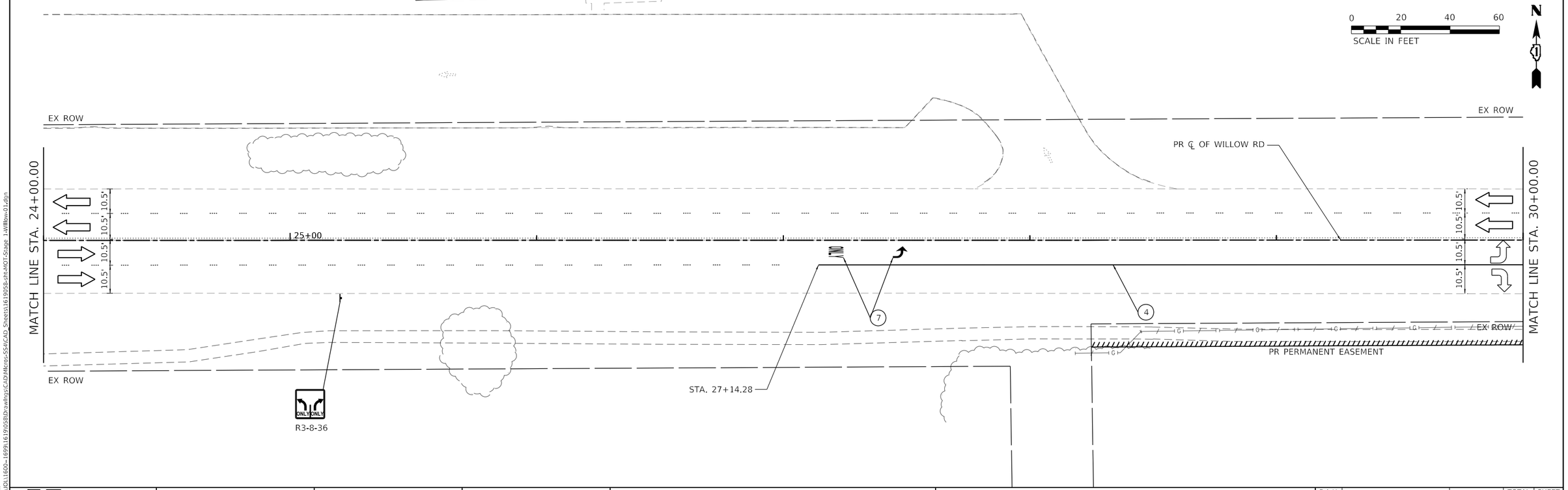
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - PRESTAGE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 2 OF 20 SHEETS | STA. 22+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	54
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	





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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 1
WILLOW ROAD

SCALE: 1" = 20' | SHEET 15 OF 20 SHEETS | STA. 22+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	55
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

NOTE:

1. FOR ADDITIONAL DETAILS ON PERMANENT PAVEMENT MARKING LAYOUT, SEE PAVEMENT MARKING PLAN.
2. WILLOW ROAD WILL BE CLOSED TO THRU TRAFFIC FROM AUBURN AVE TO PROVIDENT AVE. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE INSTALLED AT EVERY SIDE ROAD ACCORDING TO TC-10.

SCALE IN FEET 0 20 40 60

N

EX ROW

HIBBARD RD

STA. 30+59.28

PR ℄ OF WILLOW RD

PR ROW

WILLOW RD

MATCH LINE STA. 30+00.00

30+00

35+00

MATCH LINE STA. 36+00.00

10.5' 10.5' 10.5' 10.5'

7 4

200' 200' 200'

PR PERMANENT EASEMENT

ROAD CLOSED AHEAD W20-3-4848

DETOUR AHEAD W20-2-4848

ROAD CLOSED 500 FT W20-3-4848

ROAD CLOSED TO THRU TRAFFIC R11-4-6030

DETOUR M4-10L-4818

EX CONC PE

EX CONC PE

SIDEWALK CLOSED R9-9-2412

ROAD CLOSED TO THRU TRAFFIC R11-4-6030

SIDEWALK CLOSED R9-9-2412

TO BE INSTALLED AT AUBURN AVE AND SUNSET RD

ROAD CLOSED TO THRU TRAFFIC R11-4-6030

AUBURN AVENUE

200'

ROAD CONSTRUCTION AHEAD W20-I103(0)-36

M6-4(0)-2115

W20-I103(0)-36 ROAD CONSTRUCTION AHEAD

M6-4(0)-2115

EX ROW

200'

BERKELEY AVENUE

EX ROW

ROAD CLOSED TO THRU TRAFFIC R11-4-6030

TO BE INSTALLED AT BERKELY AVE AND ASH ST

MATCH LINE STA. 36+00.00

40+00

MATCH LINE STA. 42+00.00

EUCLID AVENUE

200'

ROAD CONSTRUCTION AHEAD W20-I103(0)-36

M6-4(0)-2115

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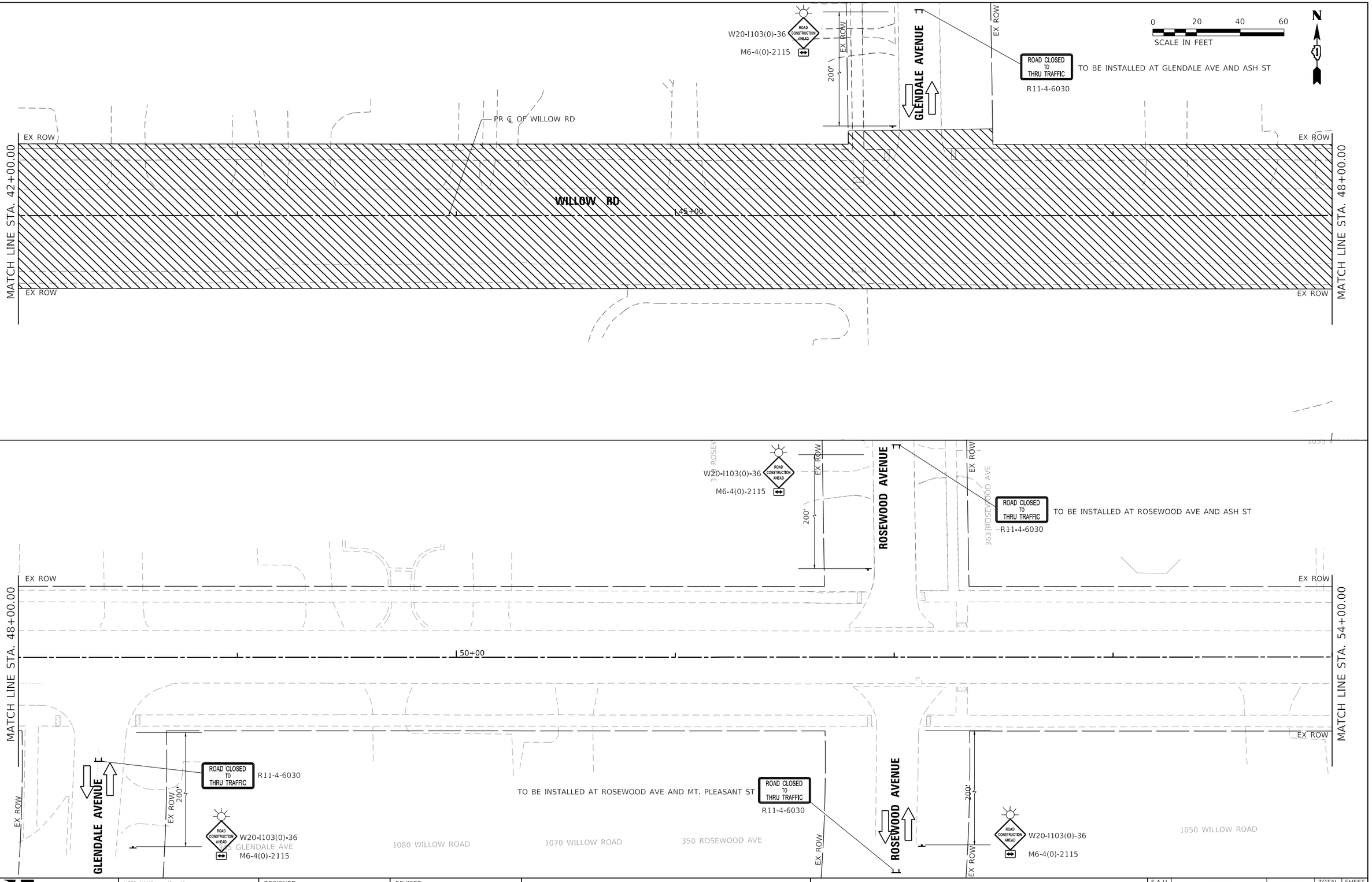
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 1
WILLOW ROAD

SCALE: 1" = 20' | SHEET 17 OF 20 SHEETS | STA. 30+00.00 TO STA. 42+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	56
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		



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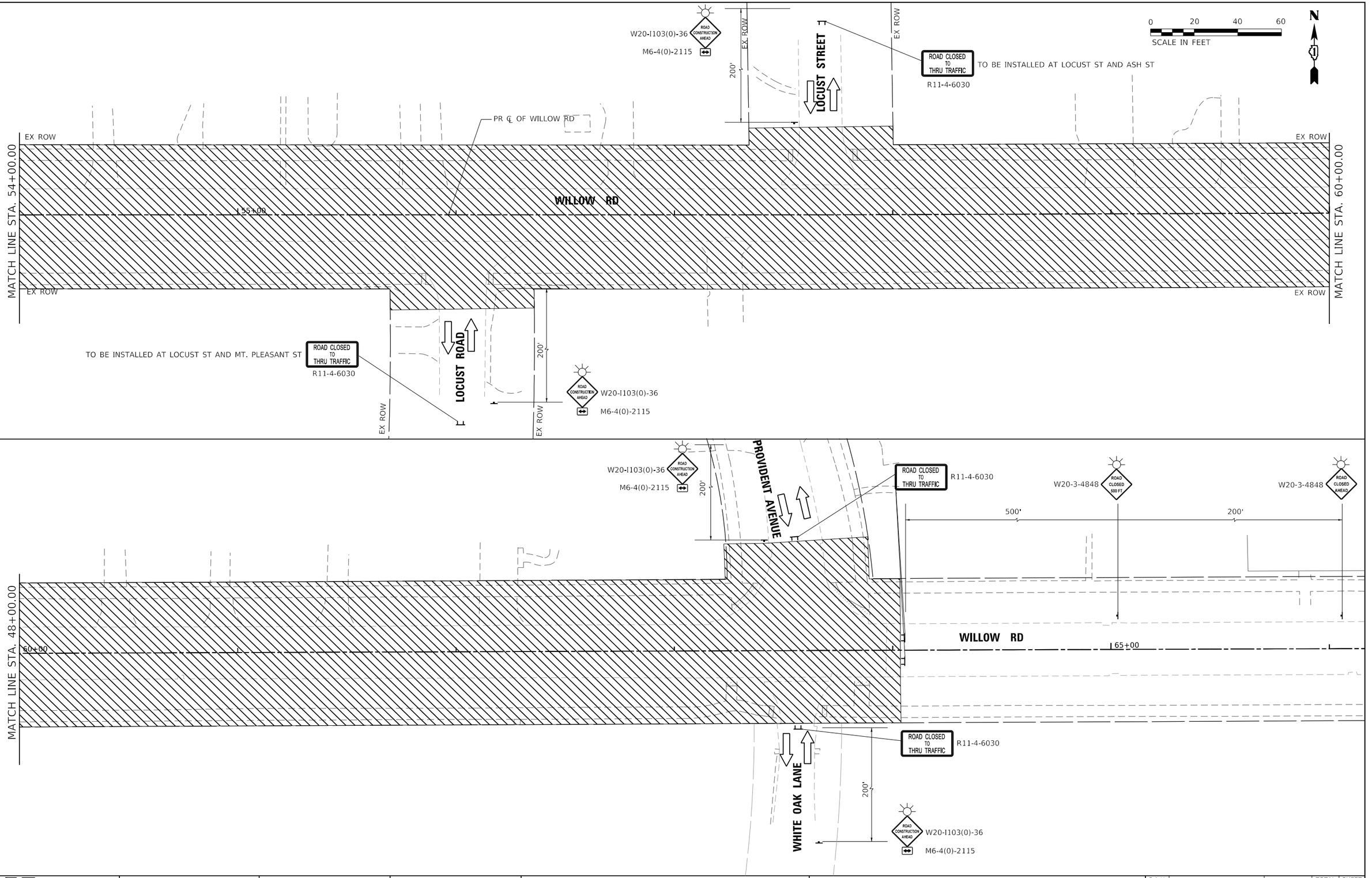
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 1
WILLOW ROAD

SCALE: 1" = 20' | SHEET 18 OF 20 SHEETS | STA. 42+00.00 TO STA. 54+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	57
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



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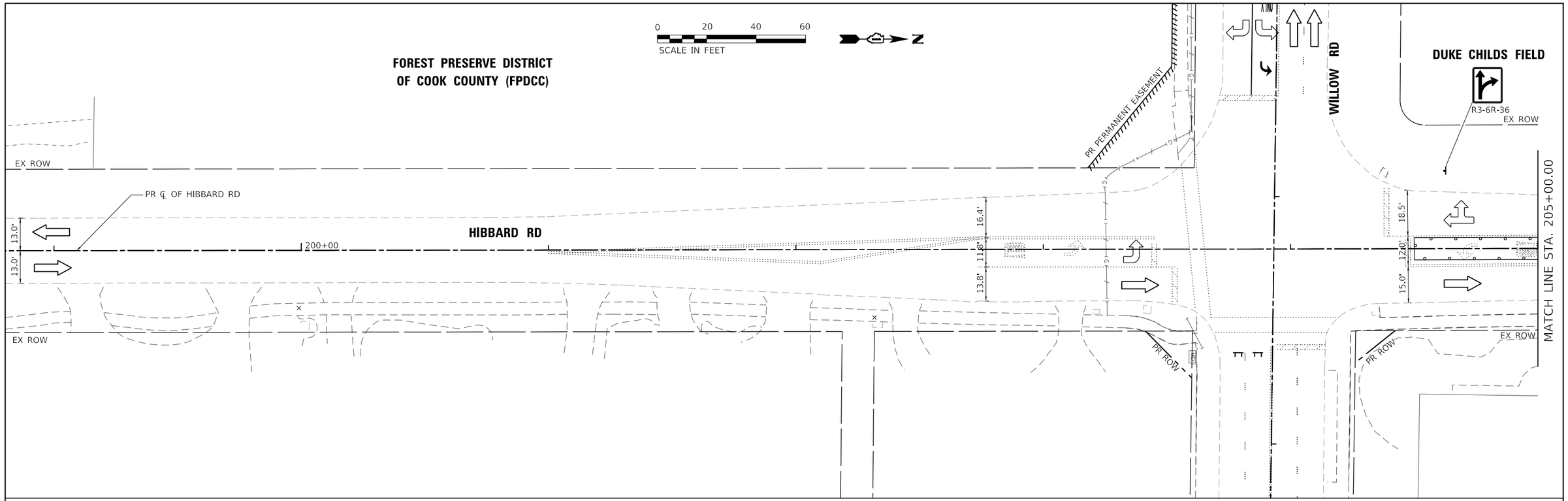
	PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

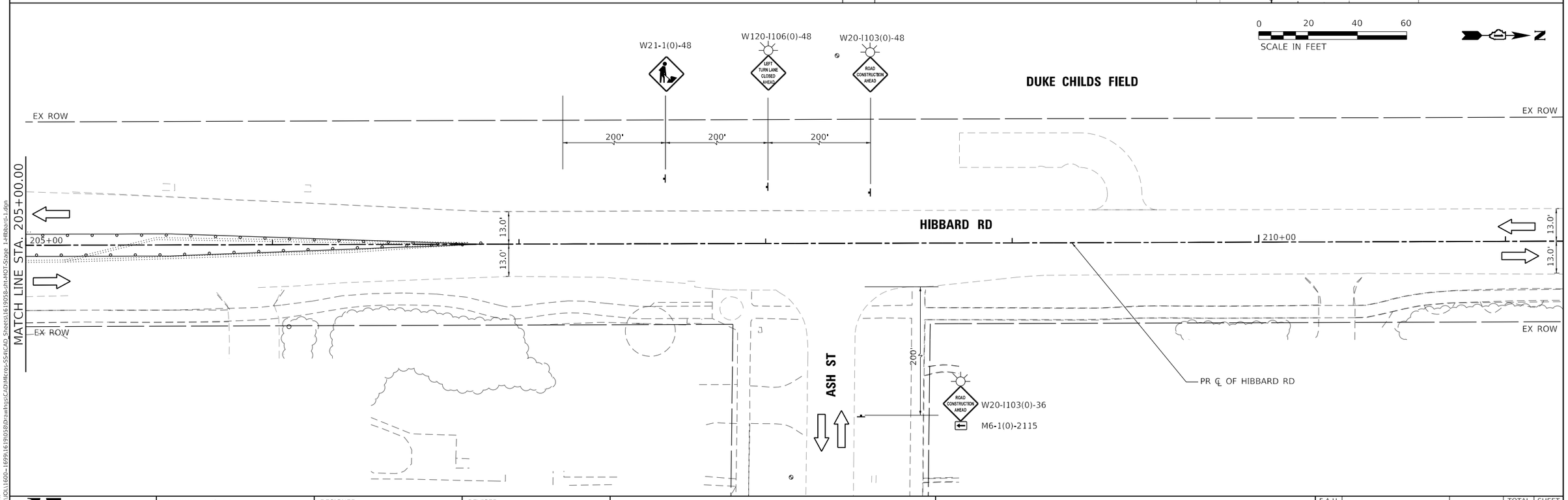
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 1
WILLOW ROAD

SCALE: 1" = 20' | SHEET 19 OF 20 SHEETS | STA. 54+00.00 TO STA. 66+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	58
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	





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	DRAWN -	REVISED -
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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 1
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 20 OF 20 SHEETS | STA. 199+00.00 TO STA. 211+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	59
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

SKOKIE

RIVER

W2-I115(O)-3618 WORK ZONE

R2-1-3648 SPEED LIMIT 30

R2-I106-3618 $250 FINE MINIMUM

END WORK ZONE SPEED LIMIT

G20-I103-6036

PR ℄ OF WILLOW RD

STA. 12+82.40
21.68' RT

STA. 14+97.42
10.50' RT

EX ROW

WILLOW RD

10+00

15+00

MATCH LINE STA. 16+00.00

12.0' 10.5' 10.5' 12.0'

10.5' 10.5' 11.1'

200' 200' 300' 100' 215' 108'

ARROW BOARD

W20-I103(0)-48 ROAD CONSTRUCTION AHEAD

W20-5R(0)-48 RIGHT LANE CLOSED AHEAD

W4-2R(O)-36

W1-3L(O)-48

0 20 40 60
SCALE IN FEET

N

W20-I103(0)-36 ROAD CONSTRUCTION AHEAD

M6-1(0)-2115

200'

FOREST WAY DRIVE

BEGIN ONE WAY

R6-6-2430

STA. 17+84.56
5.00' LT

ONE-WAY R6-1R-3612

ONE-WAY R6-1L-3612

ONE-WAY R6-1R-3612

W1-6I(0)-6030
MOUNTED ABOVE
TYPE III BARRICADE

3

±47

±54

±62

MATCH LINE STA. 16+00.00

MATCH LINE STA. 22+00.00

10.5' 12.0'

16.0'

54'

108'

STA. 16+05.43
10.50' RT

TAPER 8:1

DRIVEWAY ENTRANCE TC-26

SIDEWALK CLOSED R9-9-2412

EX HMA CE

STOP R1-1-36

R3-2-24

WORK ZONE W2-I115(O)-3618

SPEED LIMIT 30 R2-1-3648

$250 FINE MINIMUM R2-I106-3618

DRIVEWAY ENTRANCE TC-26

EX HMA CE

STOP R1-1-36

R3-2-24

0 20 40 60
SCALE IN FEET

N

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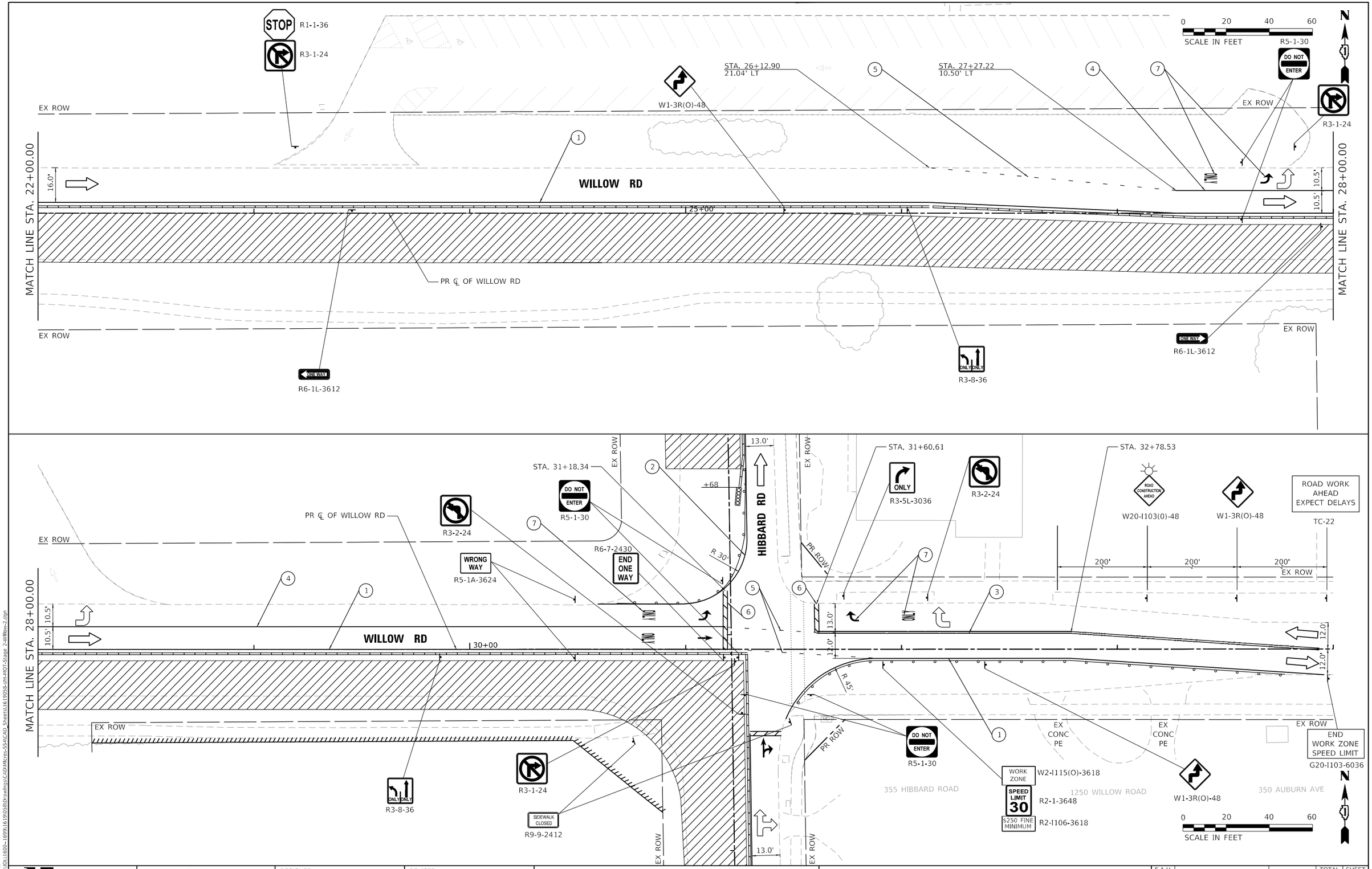
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 2
WILLOW ROAD

SCALE: 1" = 20' | SHEET 3 OF 20 SHEETS | STA. 10+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	60
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 2
WILLOW ROAD

SCALE: 1" = 20' | SHEET 4 OF 20 SHEETS | STA. 22+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	61
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC)

SCALE IN FEET 0 20 40 60

BEGIN ONE WAY R6-6-2430

PR ℄ OF HIBBARD RD

TAPER 8:1

EX ROW

+04

ONE WAY R6-1R-3612

STA. 200+05.15
5.15' RT

TEMPORARY CONCRETE BARRIER
CONTINOUSLY PINNED

STA. 200+76.11
2.50' RT

200+00

10.5'

HIBBARD RD

STA. 202+31.06
8.00' RT

STA. 203+87.91

R3-2-24

DO NOT ENTER R5-1-30

PR PERMANENT EASEMENT

10.5' 10.5'

DUKE CHILDS FIELD

WILLOW RD

ONLY

STA. 204+76.83

EX ROW

TAPER 12:1

MATCH LINE STA. 205+00.00

13.0'

EX ROW

300' 300'

ROAD CONSTRUCTION AHEAD W20-I103(0)-48

WORK ZONE W2-I115(O)-3618

SPEED LIMIT 30 R2-1-3648

$250 FINE MINIMUM R2-I106-3618

333 HIBBARD ROAD

345 HIBBARD

355 HIBBARD ROAD

R3-6-2430

2

WRONG WAY R5-1A-3624

STA. 203+53.85

7

6

355 HIBBARD ROAD

ONLY

12.0' 14.0'

WORK ZONE W2-I115(O)-3618

SPEED LIMIT 30 R2-1-3648

$250 FINE MINIMUM R2-I106-3618

SCALE IN FEET 0 20 40 60

DUKE CHILDS FIELD

DO NOT ENTER R5-1-30

STA. 209+16.88
2.50' RT

STA. 205+58.46
8.00' RT

TEMPORARY CONCRETE BARRIER
CONTINOUSLY PINNED

EX ROW

ONE WAY R6-1R-3612

STA. 207+13.39
2.50' RT

ROAD CLOSED R11-4-4830

PR ℄ OF HIBBARD RD

MATCH LINE STA. 205+00.00

205+80

210+00

HIBBARD RD

MATCH LINE STA. 211+00.00

EX ROW

2

ASH ST

200'

R3-2-24

STA. 31+11.26

WRONG WAY R5-1A-3624

ROAD CONSTRUCTION AHEAD W20-I103(0)-36

1260 ASH STREET

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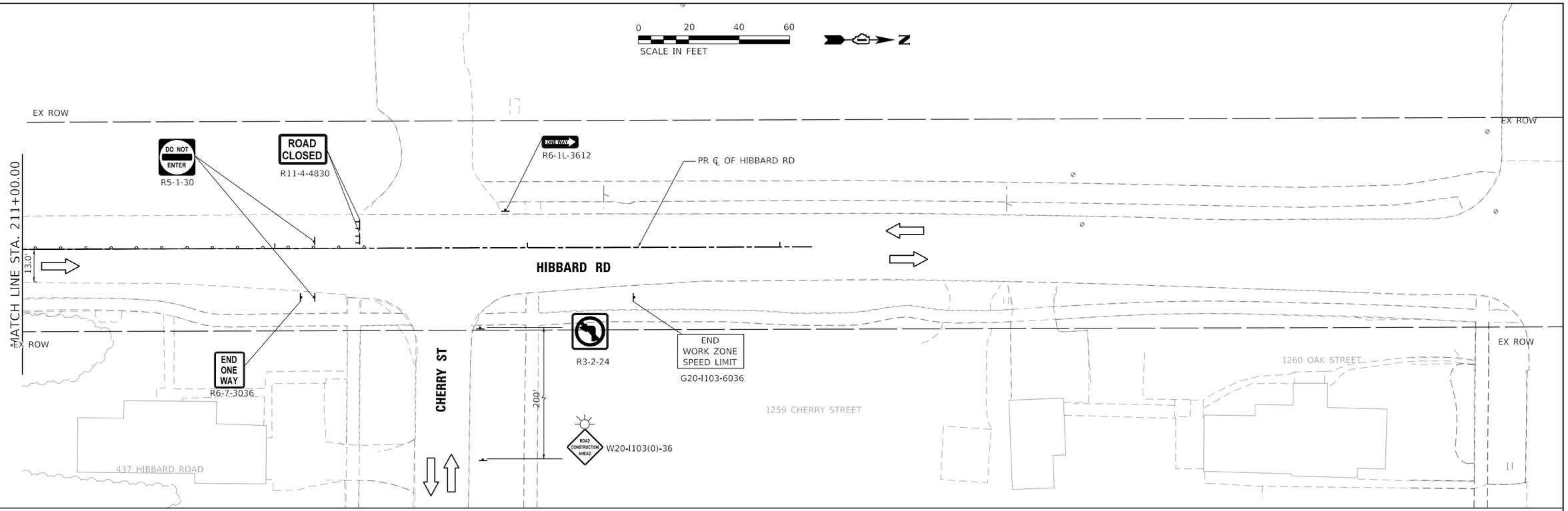
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 2
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 5 OF 20 SHEETS | STA. 199+00.00 TO STA. 211+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	62
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 2
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 6 OF 20 SHEETS | STA. 211+00.00 TO STA. 214+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	63
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

SKOKIE

RIVER

EX ROW

EX ROW

10+00

12.4'
10.5'
10.5'
12.0'

7

STA. 12+30.67

PR ℄ OF WILLOW RD

7

END
WORK ZONE
SPEED LIMIT
G20-I103-6036

EX ROW

L15+00

WILLOW RD

12

7

11

EX ROW

MATCH LINE STA. 16+00.00

500'

75'

ROAD CONSTRUCTION AHEAD
W20-I103(0)-48

LEFT LANE MUST TURN LEFT
R3-7L-36

WORK ZONE
W2-I115(O)-3618

SPEED LIMIT 30
R2-1-3648

$250 FINE MINIMUM
R2-I106-3618

ONLY ONLY
R3-8-36

0 20 40 60
SCALE IN FEET

N

W20-I103(0)-36
ROAD CONSTRUCTION AHEAD
M6-1(0)-2115

200'

FOREST WAY DRIVE

TAPER 8:1

BEGIN ONE WAY
R6-6-2430

ONE WAY
R6-1L-3612

STA. 18+01.18

ONE WAY
R6-1R-3612

+73

+74

DRIVEWAY ENTRANCE
TC-26

ONE WAY
R6-1R-3612

EX ROW

MATCH LINE STA. 16+00.00

EX ROW

11

EX ROW

STA. 16+75.82
10.57' RT

120+00

16.0'

WILLOW RD

16.0'

2

MATCH LINE STA. 22+00.00

EX HMA CE

STOP
R1-1-36

R3-2-24

WORK ZONE
W2-I115(O)-3618

SPEED LIMIT 30
R2-1-3648

$250 FINE MINIMUM
R2-I106-3618

ONE WAY
R6-1L-3612

EX HMA CE

EX ROW

STOP
R1-1-36

R3-2-24

0 20 40 60
SCALE IN FEET

N

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 3
WILLOW ROAD

SCALE: 1" = 20' | SHEET 7 OF 20 SHEETS | STA. 10+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	64
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

STOP
R1-1-36
R3-1-24
0 20 40 60
SCALE IN FEET
N
EX ROW
EX ROW
MATCH LINE STA. 22+00.00
MATCH LINE STA. 28+00.00
25+00
16.0'
+93
WILLOW RD
16.0'
PR ℄ OF WILLOW RD
2
EX ROW
EX ROW
ONE-WAY
R6-1L-3612
W1-4-36
R11-4-4830
ROAD CLOSED
M4-10R-4818
DETOUR
EX ROW
DO NOT ENTER
R5-1-30
STA. 31+15.82
HIBBARD RD
+68
EX ROW
2
STA. 31+63.20
STA. 31+26.71
ONLY
R3-5L-3036
2
6
7
W20-I103(0)-48
ROAD WORK AHEAD EXPECT DELAYS
TC-22
400'
200'
EX ROW
EX ROW
DRIVEWAY ENTRANCE
TC-26
PR ℄ OF WILLOW RD
WRONG WAY
R5-1A-3624
30+00
MATCH LINE STA. 28+00.00
16.0'
+51
WILLOW RD
R 25'
6.0'
16.0'
12.0'
12.0'
EX ROW
EX ROW
2
KEEP RIGHT
R4-7a
R3-2-24
EX CONC PE
KEEP RIGHT
R4-7b
EX CONC PE
W6-3-36
EX ROW
END WORK ZONE SPEED LIMIT
G20-I103-6036
R3-6-2430
END ONE WAY
R6-6-2430
R3-1-24
STA. 31+05.16
WRONG WAY
R5-1A-3624
4
7
6
EX ROW
13.0'
EX ROW
DO NOT ENTER
R5-1-30
R3-2-24
355 HIBBARD ROAD
1250 WILLOW ROAD
350 AUBURN AVE
WORK ZONE
W2-I115(O)-3618
SPEED LIMIT 30
R2-1-3648
$250 FINE MINIMUM
R2-I106-3618
0 20 40 60
SCALE IN FEET
N

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 3
WILLOW ROAD

SCALE: 1" = 20' | SHEET 8 OF 20 SHEETS | STA. 22+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	65
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

FOREST PRESERVE DISTRICT
OF COOK COUNTY (FPDCC)

0 20 40 60
SCALE IN FEET

DUKE CHILDS FIELD

BEGIN ONE WAY
R6-6-2430

PR ℄ OF HIBBARD RD

EX ROW

ONE WAY
R6-1R-3612

HIBBARD RD

200+00

10.5'

PR PERMANENT EASEMENT

WILLOW RD

EX ROW

MATCH LINE STA. 205+00.00

11.9'

300'

300'

ROAD CONSTRUCTION AHEAD
W20-I103(0)-48

WORK ZONE
W2-I115(O)-3618

SPEED LIMIT 30
R2-1-3648

$250 FINE MINIMUM
R2-I106-3618

319 HIBBARD ROAD

333 HIBBARD ROAD

345 HIBBARD ROAD

R3-6-2430

WRONG WAY
R5-1A-3624

355 HIBBARD ROAD

PR ROW

16'

10.5'

16'

ONLY

EX ROW

WORK ZONE
W2-I115(O)-3618

SPEED LIMIT 30
R2-1-3648

$250 FINE MINIMUM
R2-I106-3618

DUKE CHILDS FIELD

0 20 40 60
SCALE IN FEET

EX ROW

ONE WAY
R6-1R-3612

MATCH LINE STA. 205+00.00

205+00

12.8'

HIBBARD RD

PR ℄ OF HIBBARD RD

210+00

EX ROW

ASH ST

R3-2-24

200'

ROAD CONSTRUCTION AHEAD
W20-I103(0)-36

1261 ASH STREET

1260 ASH STREET

WRONG WAY
R5-1A-3624

NOTE:

1. HIBBARD ROAD TRAFFIC CONTROL TO REMAIN FROM STAGE 1. SEE SHEET $MOT9A FOR CHERRY STREET TRAFFIC CONTROL.

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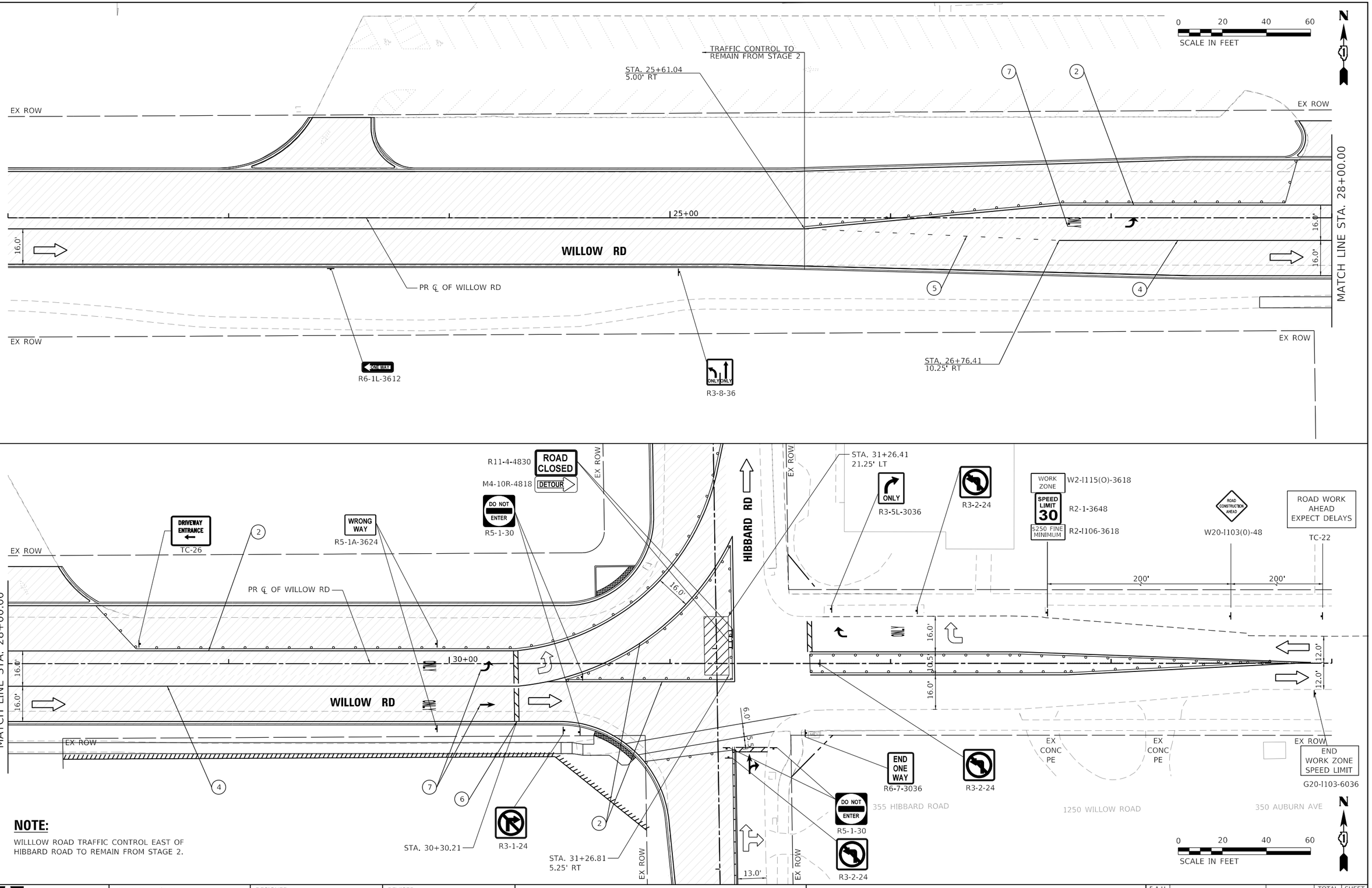
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 3
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 9 OF 20 SHEETS | STA. 199+00.00 TO STA. 211+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	66
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		



NOTE:

1. WILLLOW ROAD TRAFFIC CONTROL EAST OF HIBBARD ROAD TO REMAIN FROM STAGE 2.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 3A
WILLOW ROAD

SCALE: 1" = 20' | SHEET 10 OF 20 SHEETS | STA. 22+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	67
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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FOREST PRESERVE DISTRICT
OF COOK COUNTY (FPDCC)

0 20 40 60
SCALE IN FEET

DUKE CHILDS FIELD

WILLOW RD

BEGIN ONE WAY
R6-6-2430

PR ℄ OF HIBBARD RD

PR PERMANENT EASEMENT

EX ROW

ONE WAY
R6-1R-3612

HIBBARD RD

200+00

10.5'

300'

300'

W20-I103(0)-48

WORK ZONE
W2-I115(O)-3618

SPEED LIMIT 30
R2-1-3648

$250 FINE MINIMUM
R2-I106-3618

333 HIBBARD ROAD

345 HIBBARD ROAD

R3-6-2430

355 HIBBARD ROAD

WRONG WAY
R5-1A-3624

PR ROW

16' 10.5' 16'

ONLY

13.0'

MATCH LINE STA. 205+00.00

0 20 40 60
SCALE IN FEET

DUKE CHILDS FIELD

EX ROW

MATCH LINE STA. 205+00.00

205+00

12.8'

210+00

PR ℄ OF HIBBARD RD

1260 ASH STREET

ASH ST

200'

R3-2-24

W20-I103(0)-36

NOTE:

1. HIBBARD ROAD TRAFFIC CONTROL TO REMAIN FROM STAGE 1. SEE SHEET $MOT9A FOR CHERRY STREET TRAFFIC CONTROL.

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 3A
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 11 OF 20 SHEETS | STA. 199+00.00 TO STA. 211+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	68
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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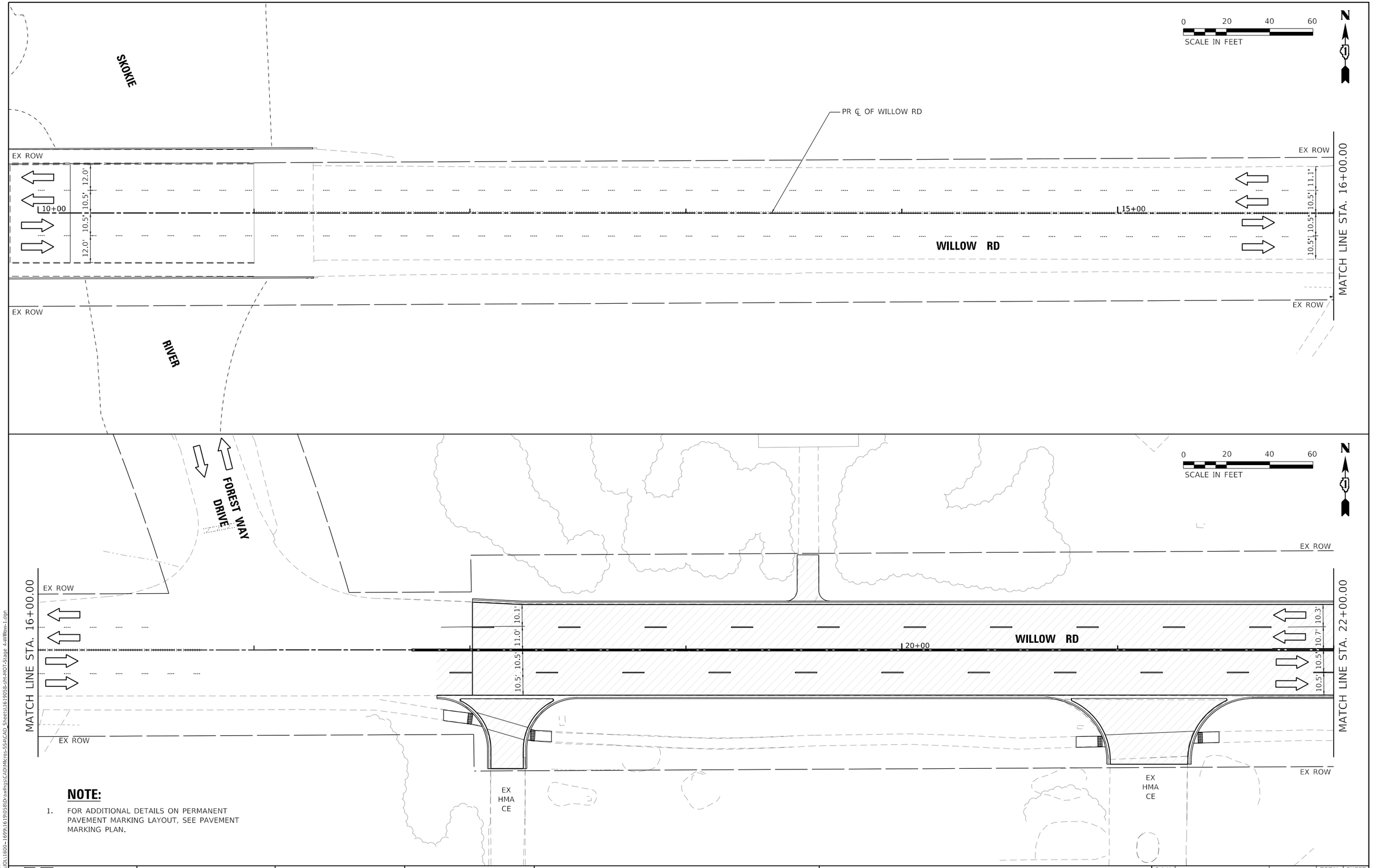

NOTE:

1. FOR ADDITIONAL DETAILS ON PERMANENT PAVEMENT MARKING LAYOUT, SEE PAVEMENT MARKING PLAN.

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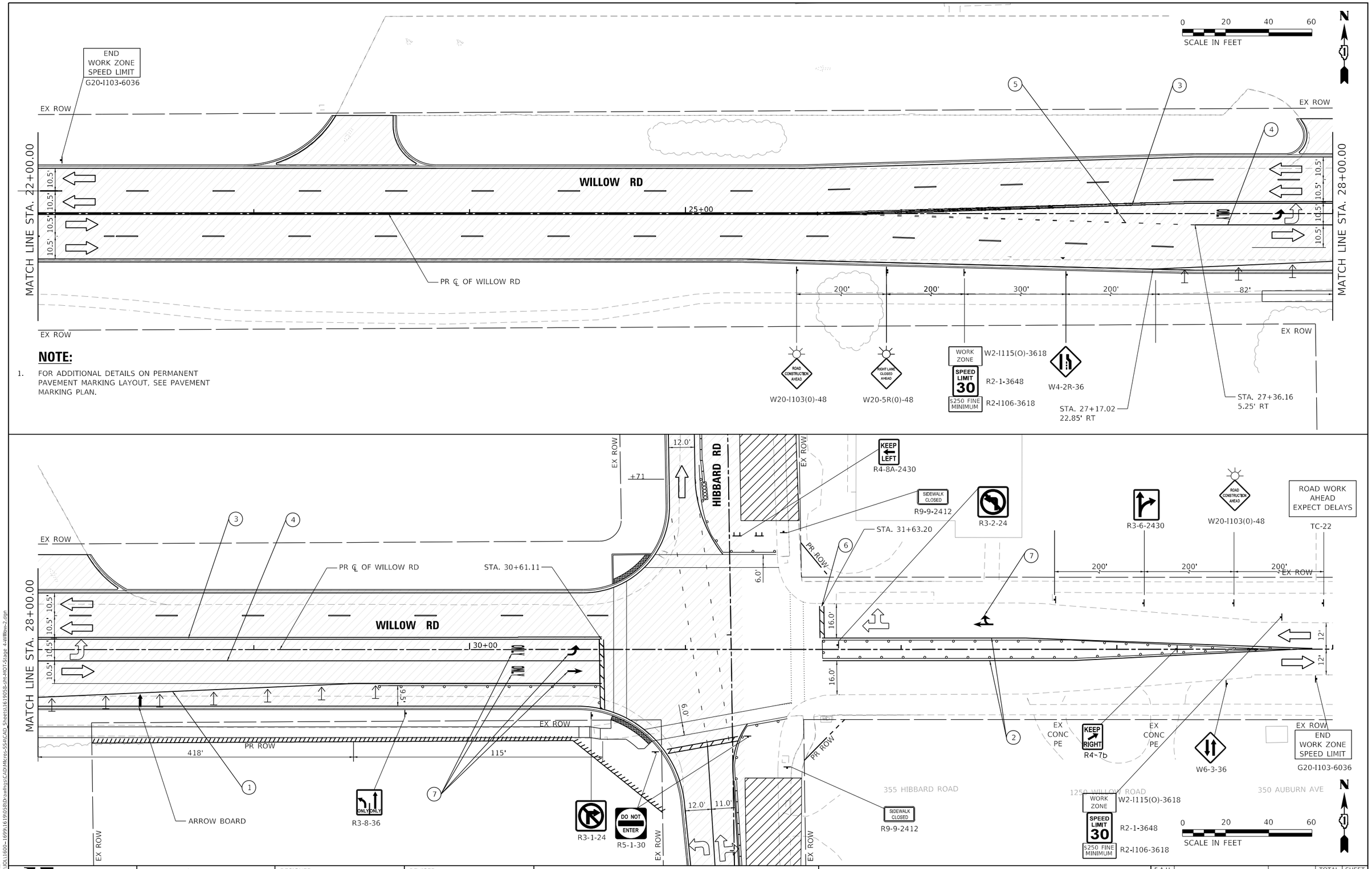
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 4
WILLOW ROAD

SCALE: 1" = 20' | SHEET 12 OF 20 SHEETS | STA. 10+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	69
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



NOTE:

1. FOR ADDITIONAL DETAILS ON PERMANENT PAVEMENT MARKING LAYOUT, SEE PAVEMENT MARKING PLAN.

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JOLIET, ILLINOIS 60431
(815) 744-4200

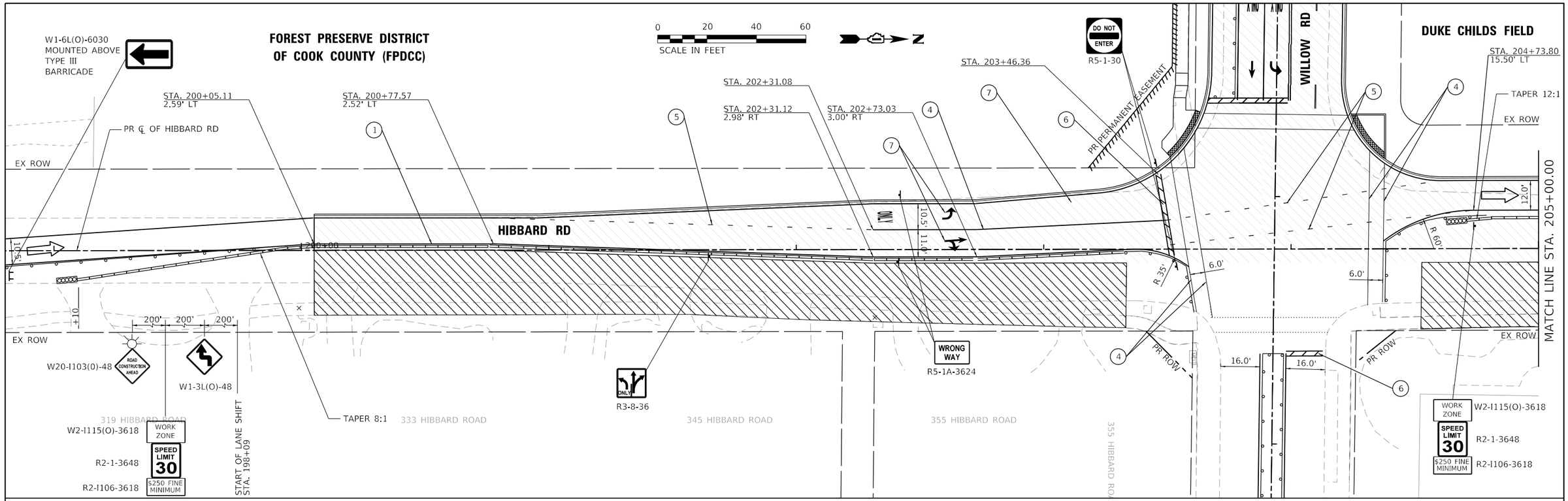
USER NAME = AlexaM	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

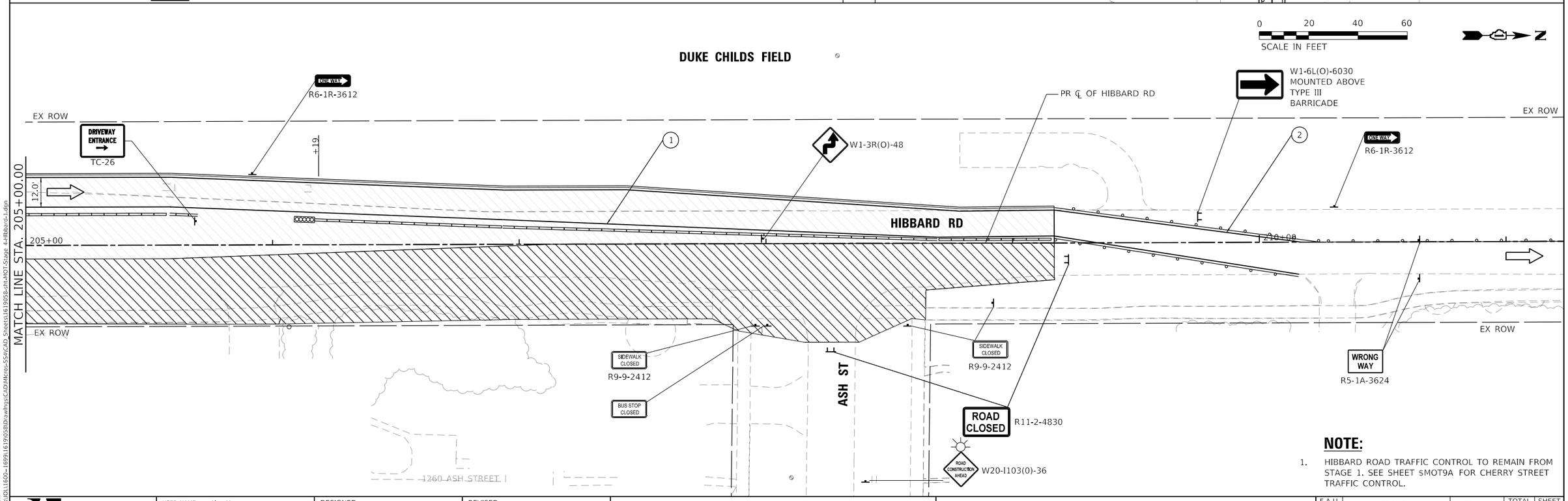
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 4
WILLOW ROAD

SCALE: 1" = 20' | SHEET 12 OF 17 SHEETS | STA. 22+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	70
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	





NOTE:

1. HIBBARD ROAD TRAFFIC CONTROL TO REMAIN FROM STAGE 1. SEE SHEET SMOT9A FOR CHERRY STREET TRAFFIC CONTROL.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 4
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 14 OF 20 SHEETS | STA. 199+00.00 TO STA. 211+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	71
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

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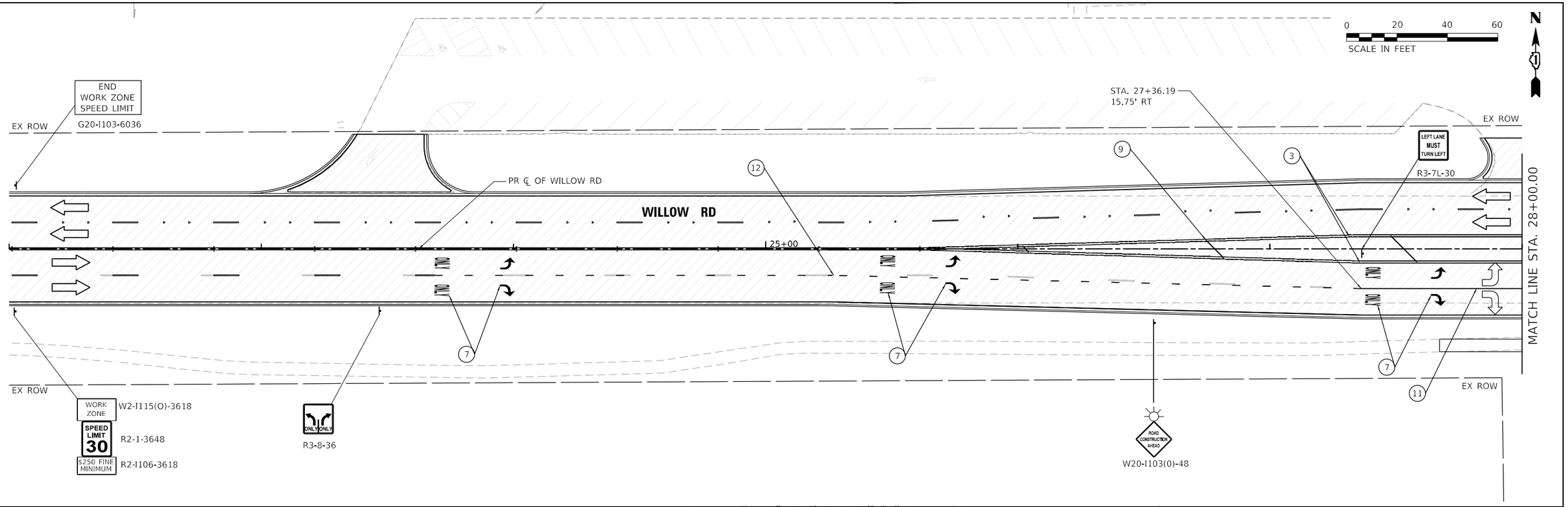

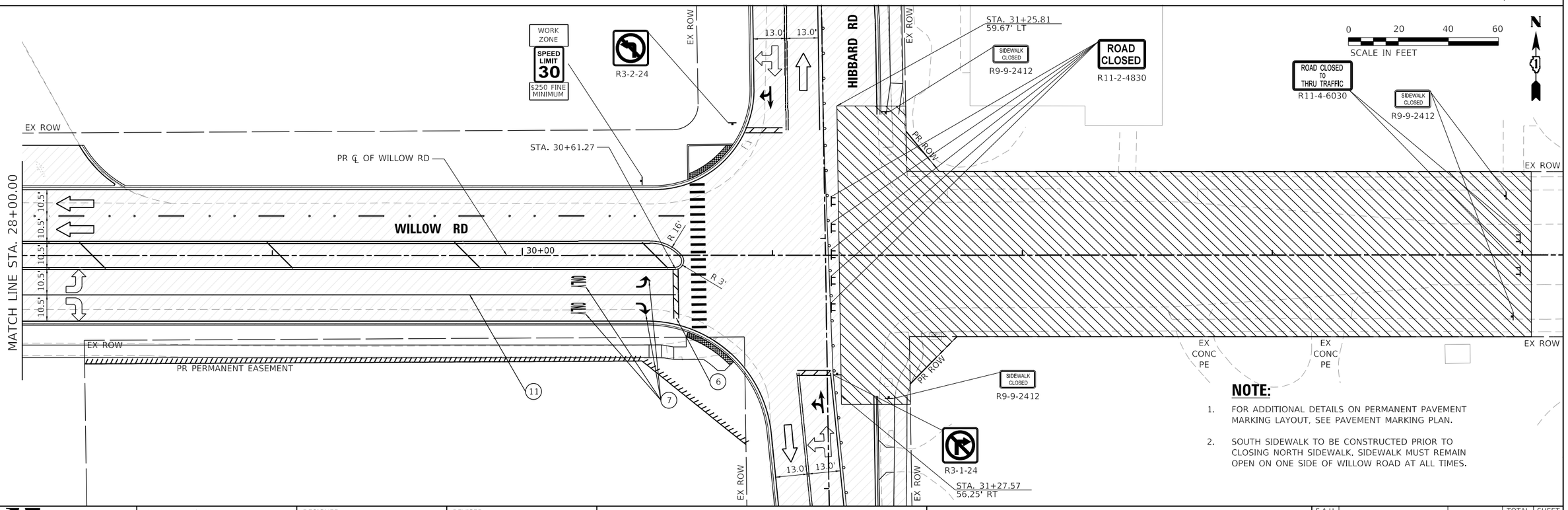

NOTE:

1. FOR ADDITIONAL DETAILS ON PERMANENT PAVEMENT MARKING LAYOUT, SEE PAVEMENT MARKING PLAN.
2. SOUTH SIDEWALK TO BE CONSTRUCTED PRIOR TO CLOSING NORTH SIDEWALK. SIDEWALK MUST REMAIN OPEN ON ONE SIDE OF WILLOW ROAD AT ALL TIMES.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 5
WILLOW ROAD

SCALE: 1" = 20' | SHEET 15 OF 20 SHEETS | STA. 22+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	72
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC)

0 20 40 60
SCALE IN FEET

N

DUKE CHILDS FIELD

WILLOW RD

STA. 203+46.41

STA. 202+73.06

WORK ZONE
W2-I115(O)-3618
SPEED LIMIT 30
R2-1-3648
$250 FINE MINIMUM
R2-I106-3618

PR PERMANENT EASEMENT

STA. 204+43.50

EX ROW

G20-I103-6036 END WORK ZONE SPEED LIMIT

STA. 200+76.92

EX ROW

PR ℄ OF HIBBARD RD

HIBBARD RD

13.2'

13.2'

200+00

13.0'

13.0'

13.0'

13.0'

MATCH LINE STA. 205+00.00

200' 200' 200'

EX ROW

EX ROW

PR ROW

PR ROW

ROAD CONSTRUCTION AHEAD
W20-I103(0)-48

WORK ZONE
W2-I115(O)-3618
SPEED LIMIT 30
R2-1-3648
$250 FINE MINIMUM
R2-I106-3618

W1-3L(O)-48

W1-6L(O)-6030
MOUNTED ABOVE
TYPE III
BARRICADE

R3-6-2430

WORK ZONE
W2-I115(O)-3618
SPEED LIMIT 30
R2-1-3648
$250 FINE MINIMUM
R2-I106-3618

0 20 40 60
SCALE IN FEET

N

STA. 205+58.41
14.51' LT

R3-6-2430

STA. 206+93.91
9.00' LT

STA. 207+43.49
9.00' LT

STA. 208+00.31
5.74' LT

STA. 206+92.85
3.98' RT

STA. 209+01.25
0.00'

DUKE CHILDS FIELD

W1-3R(O)-48

W2-I115(O)-3618
WORK ZONE
SPEED LIMIT 30
R2-1-3648
$250 FINE MINIMUM
R2-I106-3618

W20-I103(0)-48
ROAD CONSTRUCTION AHEAD

EX ROW

EX ROW

400' 200' 200'

STA. 208+55.92
2.58' LT

MATCH LINE STA. 205+00.00

13.0'

13.0'

205+00

HIBBARD RD

PR ℄ OF HIBBARD RD

210+00

13.0'

13.0'

EX ROW

EX ROW

200'

ASH ST

END WORK ZONE SPEED LIMIT
G20-I103-6036

ROAD CONSTRUCTION AHEAD
W20-I103(0)-36

M6-1(0)-2115

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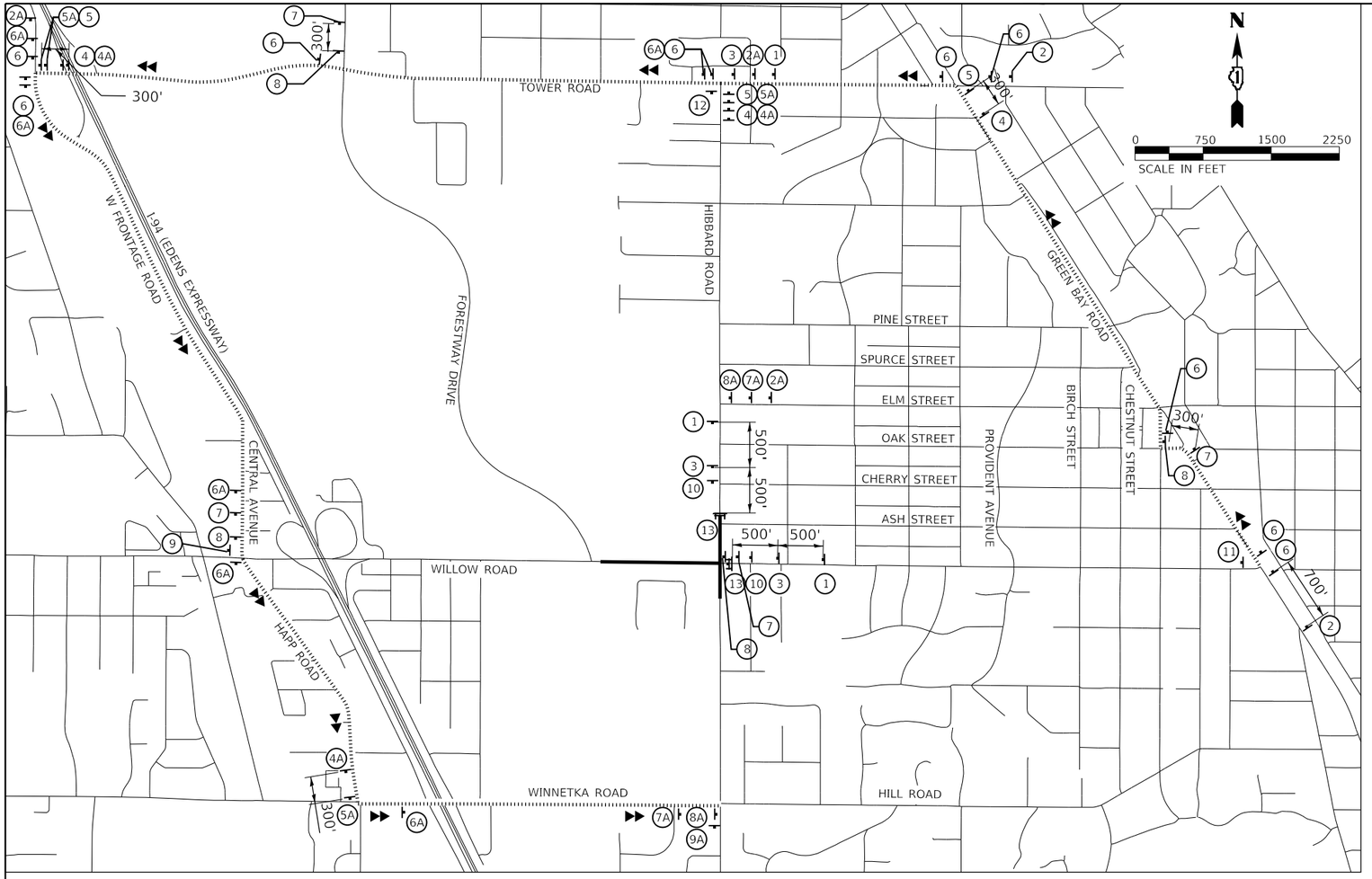
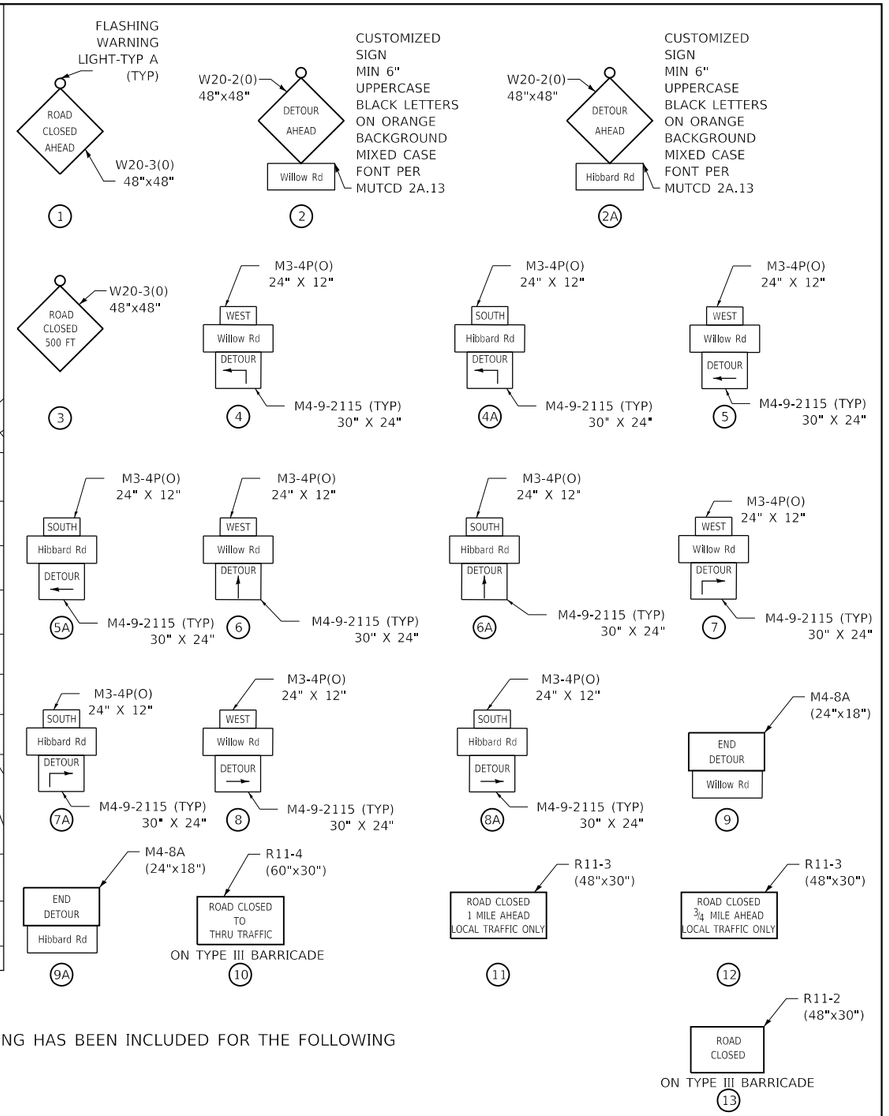
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN - STAGE 5
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 16 OF 20 SHEETS | STA. 199+00.00 TO STA. 211+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	73
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		





DETOUR NOTES

1. THE CONTRACTOR SHALL CONTACT THE ENGINEER, ALL LOCAL AGENCIES, PARK DISTRICT, EMERGENCY SERVICES AND SCHOOL DISTRICTS A MINIMUM OF 72 HOURS PRIOR TO IMPLEMENTING THE DETOUR.
2. THE LOCATIONS OF ALL SIGNS SHOWN ON THE DETOUR PLAN ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST LOCATIONS TO FIT FIELD CONDITIONS. FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. EXISTING TRAFFIC SIGNS CONFLICTING WITH THE DETOUR SIGNAGE SHALL BE TEMPORARILY REMOVED OR COVERED AS DIRECTED BY THE ENGINEER.
4. ALL DETOUR SIGNS SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL DETERMINE IF THE CONDITION OF THE SIGNS IS SATISFACTORY.
5. ALL DETOUR SIGNS SHALL HAVE THEIR OWN SIGN SUPPORTS.
6. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
7. DETOUR SIGNING SHALL BE CONSIDERED INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.
8. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
9. TYPE III BARRICADE PLACEMENT SHALL FOLLOW HIGHWAY STANDARD 701901.
10. A QUANTITY FOR TEMPORARY TRAFFIC SIGNAL TIMING HAS BEEN INCLUDED FOR THE FOLLOWING TRAFFIC SIGNALS ALONG THE DETOUR ROUTE:

*TOWER ROAD AND WEST FRONTAGE ROAD
*WEST FRONTAGE ROAD AND I-94 OFF RAMP
*WINNETKA ROAD AND HAPP ROAD
**WILLOW ROAD AND HAPP ROAD
**WINNETKA ROAD/HILL ROAD AND HIBBARD ROAD
**GREEN BAY ROAD AND ELDORADO STREET
**GREEN BAY ROAD AND PINE STREET
**GREEN BAY ROAD AND SPRUCE STREET
**GREEN BAY ROAD AND ELM STREET
**GREEN BAY ROAD AND OAK STREET
***WILLOW ROAD AND HIBBARD ROAD

*QUANTITY FOR THIS TRAFFIC SIGNAL SHALL BE PAID FOR AS TEMPORARY TRAFFIC SIGNAL TIMING (SPECIAL).

**QUANTITY FOR THIS TRAFFIC SIGNAL SHALL BE PAID FOR AS TEMPORARY TRAFFIC SIGNAL TIMING.

***QUANTITY FOR THIS TRAFFIC SIGNAL SHALL BE PAID FOR AS TEMPORARY TRAFFIC SIGNAL TIMING AS INDICATED IN THE TEMPORARY TRAFFIC SIGNAL PLANS. QUANTITY SHALL ONLY BE PAID FOR ONCE.

LEGEND

- SIGN
- TYPE III BARRICADES WITH TWO FLASHING LIGHTS
- WILLOW ROAD WB / HIBBARD ROAD SB DETOURED TRAFFIC DIRECTION
- PROPOSED TRAFFIC DETOUR
- ROAD CLOSED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
WILLOW ROAD & HIBBARD ROAD

SCALE: 1" = 750' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	74
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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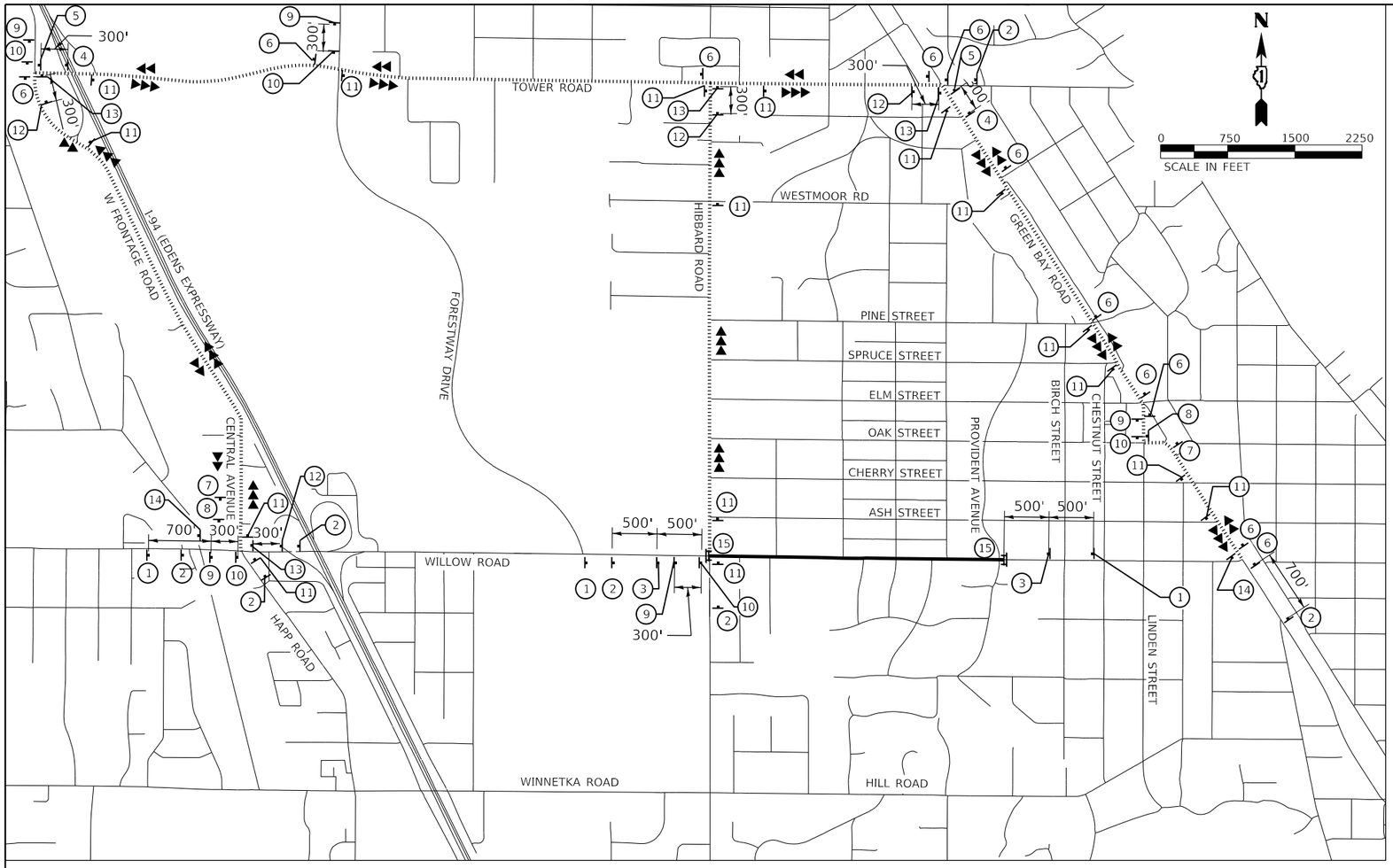

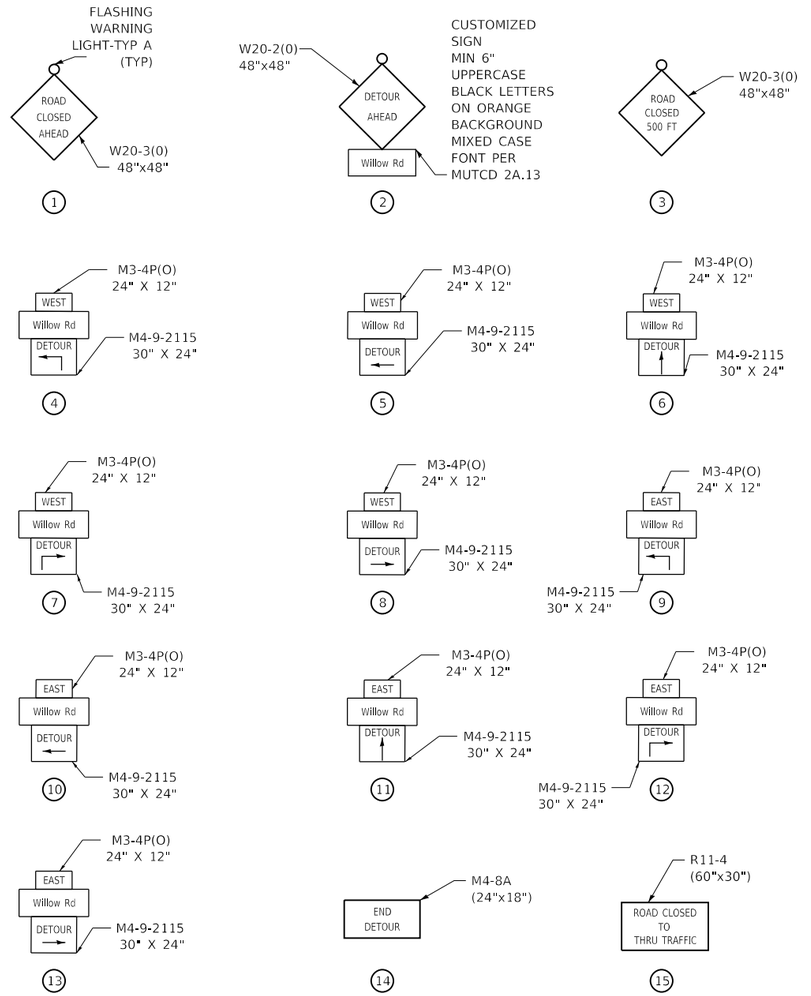

LEGEND

- SIGN
- TYPE III BARRICADES WITH TWO FLASHING LIGHTS
- WILLOW ROAD WB DETOURED TRAFFIC DIRECTION
- WILLOW ROAD EB DETOURED TRAFFIC DIRECTION
- PROPOSED DETOUR
- ROAD CLOSED

DETOUR NOTES

1. THE CONTRACTOR SHALL CONTACT THE ENGINEER, ALL LOCAL AGENCIES, PARK DISTRICT, EMERGENCY SERVICES AND SCHOOL DISTRICTS A MINIMUM OF 72 HOURS PRIOR TO IMPLEMENTING THE DETOUR.
2. THE LOCATIONS OF ALL SIGNS SHOWN ON THE DETOUR PLAN ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST LOCATIONS TO FIT FIELD CONDITIONS. FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. EXISTING TRAFFIC SIGNS CONFLICTING WITH THE DETOUR SIGNAGE SHALL BE TEMPORARILY REMOVED OR COVERED AS DIRECTED BY THE ENGINEER.
4. ALL DETOUR SIGNS SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL DETERMINE IF THE CONDITION OF THE SIGNS IS SATISFACTORY.
5. ALL DETOUR SIGNS SHALL HAVE THEIR OWN SIGN SUPPORTS.
6. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
7. DETOUR SIGNING SHALL BE CONSIDERED INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.
8. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
9. TYPE III BARRICADE PLACEMENT SHALL FOLLOW HIGHWAY STANDARD 701901.
10. A QUANTITY FOR TEMPORARY TRAFFIC SIGNAL TIMING HAS BEEN INCLUDED FOR THE FOLLOWING TRAFFIC SIGNALS ALONG THE DETOUR ROUTE:

*TOWER ROAD AND WEST FRONTAGE ROAD
*WEST FRONTAGE ROAD AND I-94 OFF RAMP
**WILLOW ROAD AND HAPP ROAD
**TOWER ROAD AND GREEN BAY ROAD EAST
**TOWER ROAD AND GREEN BAY ROAD WEST
**GREEN BAY ROAD AND ELDORADO STREET
**GREEN BAY ROAD AND PINE STREET
**GREEN BAY ROAD AND SPRUCE STREET
**GREEN BAY ROAD AND ELM STREET
**GREEN BAY ROAD AND OAK STREET
***WILLOW ROAD AND HIBBARD ROAD

*QUANTITY FOR THIS TRAFFIC SIGNAL SHALL BE PAID FOR AS TEMPORARY TRAFFIC SIGNAL TIMING (SPECIAL).

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
WILLOW ROAD & HIBBARD ROAD

SCALE: 1" = 750' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	75
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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DRAINAGE GENERAL NOTES

1. MAINTAINING DRAINAGE: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.

2. LENGTHS, SIZES, AND INVERT ELEVATIONS OF EXISTING STORM SEWERS AS SHOWN ON THE PLANS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF PROPOSED DRAINAGE ITEMS. THE INVERTS OF PROPOSED DRAINAGE ITEMS CONNECTING TO EXISTING SEWERS OR STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER.

3. EXISTING DRAINAGE STRUCTURES TO BE LEFT IN PLACE SHALL BE PROTECTED DURING CONSTRUCTION. IF, IN THE OPINION OF THE ENGINEER, THE DRAINAGE STRUCTURES ARE DAMAGED DUE TO THE CONTRACTOR'S OPERATION, THEY SHALL BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

4. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF THE GUTTER OR DRAINAGE STRUCTURES, DITCHES, ETC. SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES ARE TO BE FREE FROM DIRT AND DEBRIS. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT THEROF.

5. ALL EXISTING FIELD DRAINAGE TILE AND OFF-SITE STORM SEWER ENCOUNTERED OR DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITIONS. THEY SHOULD BE PROPERLY REROUTED AND/OR CONNECTED TO THE STORM SEWER SYSTEM OR PROPOSED DITCHES UNLESS OTHERWISE SPECIFIED.

6. THE CONTRACTOR SHALL VERIFY WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES AND CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THE USE OF FLAT SLAB TOPS, UNLESS NOTED OTHERWISE ON PLANS.

7. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

8. DRAINAGE STRUCTURE ELEVATIONS: RIM ELEVATIONS GIVEN ON THE PLANS ARE PROVIDED TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION OF DRAINAGE ITEMS. FRAMES OF ALL NEW, ADJUSTED, OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST. GRADES OF SEWER LINES WERE DETERMINED FROM AVAILABLE PLANS AND SURVEY DATA AND THE INVERTS OF THE PROPOSED SEWERS CONNECTING TO EXISTING DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE DIRECTED BY THE ENGINEER.

9. UNLESS OTHERWISE NOTED, LOCATIONS AND ELEVATION SHOW ON THE PLANS ARE TO THE FLOW LINE, FOR GRATES IN THE CURB AND GUTTER AND TO THE CENTER OF THE GRATE/LID FOR ALL OTHER STRUCTURES.

10. THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.

11. THE HEIGHT AND WIDTH OF ALL PROPOSED COMBINATION CURB AND GUTTER, TYPE B-6.12 (SPL) SHALL BE TRANSITIONED OVER 5' TO MATCH EXISTING CURB AND GUTTER UNLESS OTHERWISE NOTED ON THE PLANS.

12. PROPOSED STORM SEWER LENGTHS IN THE DRAINAGE SCHEDULES ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.

13. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS AND STANDARD 606001-05. TOP OF PIPE UNDERDRAINS SHALL BE A MINIMUM OF 6" BELOW THE AGGREGATE SUBGRADE LAYER. THE COST OF MAKING UNDERDRAINS CONNECT TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COSTS OF THE PIPE UNDERDRAINS.

DRAINAGE LEGEND

	EXISTING	PROPOSED
STORM SEWER / PIPE DRAINS		
PIPE UNDERDRAINS, TYPE 2, 4"		
CULVERT		
HEADWALL		
END SECTION		
CATCH BASIN		
MANHOLE		
INLET		
SCUPPER		
FLOOR DRAIN		
SUMMIT		
DITCH FLOW ARROW		
SWALE FLOW ARROW		
PROPOSED DRAINAGE STRUCTURE		S101
PROPOSED DRAINAGE PIPE		P101
WATERS OF THE U.S. (WOUS) / WETLANDS		
DRAINAGE STRUCTURES TO BE ADJUSTED		ADJ
STONE RIPRAP, CLASS A3		
UTILITIES TO BE REMOVED		
UTILITIES TO BE ABANDONED		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE LEGEND AND GENERAL NOTES
WILLOW AND HIBBARD ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	76
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM	STRUCTURE DESCRIPTION	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATIONS				
						INVERT IN	INVERT IN	INVERT IN	INVERT OUT	INVERT OUT
S101	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	32+90.00	20.09' LT	623.54				620.40 S	
S102	X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)	32+90.00	20.21' RT	623.54	618.80 N				
S103	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	33+66.00	15.38' LT	623.41				620.25 S	
S104	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	33+66.00	15.38' RT	623.41	618.45 N			618.35 S	
S105	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	34+11.00	13.00' LT	623.32				620.00 S	
S106	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	34+11.00	13.00' RT	623.32	618.44 N	618.44 E		618.34 S	
S107	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	34+21.00	13.00' RT	622.99				618.64 W	
S108	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	34+90.19	13.00' RT	623.08				619.77 E	
S109	X5230301	DRAINAGE STRUCTURES, NO. 1	35+26.26	13.00' LT	622.79		619.65 E		619.55 S	
S110	60204825	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11V FRAME AND GRATE	35+26.26	13.00' RT	622.79	619.03 N	619.03 E	619.03 W	618.93 S	
S111	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	35+36.00	13.00' LT	623.06				619.75 W	
S112	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	35+36.00	13.00' RT	623.06				619.63 W	
S113	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	36+06.00	13.00' LT	623.21				619.90 S	
S114	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	36+06.00	13.00' RT	623.21	618.34 N			618.24 S	
S115	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	37+27.00	13.00 LT	623.25				619.85 S	
S116	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	37+27.00	13.00 RT	623.25	618.29 N			618.19 S	
S201	X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)	38+17.00	17.68' RT	622.85		617.82 E			
S202	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	38+34.00	13.12' LT	622.90				619.60 NE	
S203	60204825	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11V FRAME AND GRATE	38+48.65	20.07' LT	622.79	619.14 N	618.77 E	619.43 W	618.67 S	
S204	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	38+55.58	35.40' LT	622.86				619.50 S	
S205	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	38+76.30	35.71' LT	622.75				619.40 S	
S206	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	38+83.50	19.83' LT	622.64	619.22 N			619.12 W	
S207	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	38+57.00	13.00' RT	622.85	618.33 N			618.23 W	
S208	X5230301	DRAINAGE STRUCTURES, NO. 1	39+30.47	13.00' LT	622.42		619.07 E		618.97 S	
S209	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	39+30.47	13.00' RT	622.42	618.19 N	619.07 E		618.09 S	
S210	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	39+41.00	13.00' LT	622.70				619.40 W	
S211	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	39+41.00	13.00' RT	622.70				619.40 W	
S212	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	40+20.00	13.00' LT	623.02				619.75 S	
S213	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	40+20.00	13.00' RT	623.02			618.71 N	618.61 S	
S214	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	41+88.00	13.00' LT	623.31				620.00 S	
S215	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	41+88.00	13.00' RT	623.31		618.96 E		618.86 S	
S216	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	42+17.00	13.00 ' LT	623.23				619.25 E	
S217	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	42+27.00	13.00' LT	623.10	618.79 N	619.92 E		618.69 S	
S218	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	42+27.00	13.00' LT	623.10		619.15 W		619.05 S	
S219	X5230301	DRAINAGE STRUCTURES, NO. 1	42+37.71	13.00' RT	622.95				620.25 W	
S220	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	42+85.00	13.00' LT	623.31				620.15 S	
S221	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	42+85.00	16.88' RT	623.31	618.95 N			618.85 S	
S222	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	44+69.00	13.00' LT	623.39				618.80 S	
S223	60224461	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 11 FRAME AND GRATE	44+69.00	23.00' RT	623.19		616.64 E		616.64 N	
S224	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	45+50.00	13.00' LT	623.04		618.94 E		618.84 S	
S225	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	45+50.00	23.00' RT	622.84		619.24 E		618.74 N	
S226	X5230301	DRAINAGE STRUCTURES, NO. 1	45+60.87	13.00' LT	622.77				619.60 W	
S227	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	45+60.87	23.00' RT	622.84				619.90 W	
S228	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	47+46.00	13.00' LT	623.01				618.80 S	
S229	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	47+46.00	23.00' RT	622.81				618.90 N	
S230	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	48+05.00	13.00' LT	622.89				618.90 E	
S231	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	47+97.86	23.00' RT	622.73		618.40 E		618.30 N	
S232	X5230301	DRAINAGE STRUCTURES, NO. 1	48+20.00	14.00' LT	622.28		618.42 W		618.32 S	
S233	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	48+07.00	23.00' RT	622.74				618.60 W	
S301	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	48+78.79	13.00' LT	623.12				618.80 S	
S302	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	48+78.79	13.00' RT	623.13		619.15 E		618.30 N	
S303	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	48+88.00	13.00' RT	623.15				619.75 W	
S304	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	50+35.00	13.00' LT	623.16				618.80 S	
S305	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	50+35.00	13.00' RT	623.16				618.30 N	
S306	X5230301	DRAINAGE STRUCTURES, NO. 1	51+56.00	13.00' LT	622.83		619.36 E		618.65 S	
S307	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	51+56.00	13.00' RT	622.83		619.26 E		618.30 N	
S308	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	51+71.58	13.00' LT	622.83	619.90 NE			619.80 W	
S309	X5230301	DRAINAGE STRUCTURES, NO. 1	51+71.90	13.00' RT	622.56				619.90 W	
S310	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	51+83.96	34.62' LT	623.50				620.03 SW	
S311	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	52+00.60	24.52' LT	622.45		616.77 E		616.64 S	
S401	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	52+19.91	18.33' LT	622.89				619.95 SE	
S402	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	52+23.94	16.24' RT	622.91				619.95 E	
S403	X5230301	DRAINAGE STRUCTURES, NO. 1	52+38.00	13.00' LT	622.69			619.35 W	618.50 S	
S404	X5230301	DRAINAGE STRUCTURES, NO. 1	52+38.00	13.00' RT	622.69			619.20 W	618.25 N	
S405	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	53+22.00	13.00' LT	623.25				618.75 S	
S406	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	53+22.00	13.00' RT	623.25				618.35 N	
S407	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	54+69.00	13.00' LT	623.42				618.65 S	
S408	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	54+69.00	13.00' RT	623.42				618.25 N	
S409	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	55+24.00	13.00' LT	623.30				619.75 E	
S410	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	55+30.00	13.00' RT	623.29				619.95 E	
S411	X5230301	DRAINAGE STRUCTURES, NO. 1	55+39.68	14.00' LT	622.74			618.95 W	618.85 S	
S412	X5230301	DRAINAGE STRUCTURES, NO. 1	55+39.68	13.00' RT	623.02			619.35 W	618.35 N	
S413	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	56+05.00	13.00' LT	623.42				618.70 S	
S414	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	56+38.27	13.00' LT	623.54		619.40 E		618.35 N	
S415	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	56+48.00	13.00' RT	623.57				620.00 W	

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FILE NAME: S:\JOL\1600-1699\16190308\Drawings\CAD\Micros-Sta\CAD Sheets\16190308-cht-Conveyance-Schedules-1.dgn

STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = AlexaM	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE SCHEDULES AND DETAILS
WILLOW AND HIBBARD ROAD

SCALE: N/A | SHEET 1 OF 3 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	77
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM	STRUCTURE DESCRIPTION	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATIONS				
						INVERT IN	INVERT IN	INVERT IN	INVERT OUT	INVERT OUT
S501	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	57+42.00	13.53' LT	623.54				620.20 NE	
S502	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	57+52.00	19.66' LT	623.50			620.08 W	619.98 E	
S503	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	57+87.05	18.22' LT	623.42			619.63 W	619.53 SE	
S504	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	57+87.05	13.00' RT	623.20				620.00 E	
S505	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	57+97.00	13.53' LT	623.46			619.29 NW	618.25 S	
S506	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	57+97.00	13.00' RT	623.48			619.40 W	618.35 N	
S507	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	58+41.00	13.00' LT	623.57				618.70 S	
S508	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	58+41.00	13.00' RT	623.57				618.35 N	
S509	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	60+05.00	13.00' LT	723.71			618.54 E	618.44 S	
S510	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	60+20.00	13.00' RT	623.75				620.00 E	
S511	X5230301	DRAINAGE STRUCTURES, NO. 1	60+20.00	14.00' LT	623.07				619.50 W	
S512	X5230301	DRAINAGE STRUCTURES, NO. 1	60+30.40	13.00' RT	623.47		619.34 E		618.30 N	
S513	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	61+55.00	13.00' LT	624.08				619.25 S	
S514	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	61+55.00	13.00' RT	624.08				618.30 N	
S515	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	62+55.00	13.00' LT	624.42				619.05 S	
S516	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	62+55.00	13.00' RT	624.42			618.30 S	618.30 N	
S517	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	64+00.00	13.00' RT	624.58	620.65 S			617.81 N	
S518	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	63+42.18	42.62' LT	624.14				618.65 E	
S519	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	63+69.16	43.36' LT	624.12				618.05 W	
S520	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	64+00.00	0.26' RT	624.15	617.98 N	617.98 S	617.98 E	617.88 W	
S521	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	61+13.00	13.00' LT	623.93				618.39 S	
S522	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	61+13.00	13.00' RT	623.93				618.15 N	
S523	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	62+54.77	22.40' RT	624.03				618.50 N	
S601	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	29+60.00	27.25' LT	623.08	619.75 S				
S602	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	29+60.00	27.25' RT	623.08	618.50 N				
S603	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	29+60.00	21.36' RT	623.24	614.43 W	618.26 S	617.79 N	611.89 E	
S604	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	28+85.56	27.25' LT	622.94	619.31 W			619.21 S	
S605	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	28+85.56	27.25' RT	622.94	618.36 W			618.26 N	
S606	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	28+85.56	21.00' RT	623.10	614.90 W	617.29 N	618.02 S	614.80 E	
S607	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	28+75.00	27.25' LT	622.94				619.75 E	
S608	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	28+75.00	27.25' RT	622.94				618.80 E	
S609	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	27+00.00	26.21' LT	622.89				618.90 S	
S610	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	27+00.00	26.35' RT	622.89				618.90 N	
S611	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	27+00.00	20.09' RT	623.05	615.93 W	618.44 N	618.36 S	615.83 E	
S612	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	26+29.00	24.15' LT	622.70				619.25 W	
S613	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	26+29.00	24.57' RT	622.69				618.90 W	
S614	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	26+18.57	23.85' LT	622.71	618.92 E			618.82 S	
S615	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	26+18.57	24.31' RT	622.70	618.35 E			618.25 N	
S616	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	26+18.57	18.06' RT	622.86	616.44 W	617.56 N	617.95 S	616.34 E	
S617	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	25+53.55	22.00' LT	622.89				618.70 S	
S618	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	25+53.55	22.68' RT	622.87	618.40 S			618.40 N	
S619	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	25+53.55	16.43' RT	623.04	616.87 W	617.92 N	618.05 S	616.77 E	
S620	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	23+93.00	22.00' LT	622.82				618.80 S	
S621	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	23+93.00	22.00' RT	622.82				618.80 S	
S622	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	23+93.00	15.75' RT	622.99	617.78 W	618.42 N	618.50 S	617.68 E	
S623	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	23+03.87	22.00' LT	622.59	618.62 W			618.52 S	
S624	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	23+03.87	22.00' RT	622.59	618.49 W			618.39 N	
S625	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	23+03.87	15.75' RT	622.76	618.33 W	618.33 N	618.33 S	618.23 E	
S626	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	22+93.00	22.00' LT	622.60				618.73 E	
S627	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	22+93.00	22.00' RT	622.60				618.60 E	
S628	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	22+09.00	22.00' LT	623.14				619.28 S	
S629	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	22+09.00	22.00' RT	623.14				618.96 N	
S630	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	22+09.00	15.75' RT	623.30	618.90 N	618.90 S		618.33 E	
S631	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	20+65.00	22.00' LT	623.58				619.52 S	
S632	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	20+65.00	22.00' RT	623.58	619.08 N			618.98 W	
S633	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	19+99.19	40.75' LT	623.76		617.46 S			
S634	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	19+97.74	22.00' LT	623.36		617.76 S	617.76 W	617.66 N	
S635	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	19+97.74	22.00' RT	623.36	618.30 E	618.30 W		618.20 N	
S636	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	19+87.00	22.00' LT	623.36			617.97 W	617.87 E	
S637	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	19+87.00	22.00' RT	623.36			618.51 W	618.41 E	
S638	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	19+17.00	22.00' LT	623.67				618.67 E	
S639	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	19+17.00	22.00' RT	623.67				619.21 E	
S701	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	200+89.00	14.01' LT	623.55				620.12 N	
S702	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	200+89.00	14.01' RT	623.55				620.11 N	
S703	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	200+99.00	14.11' LT	623.48		620.07 S		620.07 E	
S704	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	200+99.00	14.11' RT	623.48	619.98 N	620.08 S	619.98 W	619.98 SE	
S705	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	201+72.00	17.09' LT	623.75				620.62 E	
S706	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	201+72.00	17.09' RT	623.75			620.45 W	620.35 S	
S707	X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)	203+29.27	24.86' LT	623.19		620.05 E			
S708	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	203+36.20	19.50' RT	623.61				620.50 W	
S801	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	205+11.51	28.50' LT	622.60	617.69 N	617.79 E		617.69 S	
S802	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	205+11.51	21.42' RT	622.74		618.39 S		618.29 W	
S803	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	205+22.00	28.50' LT	622.87			617.73 E	617.73 W	
S804	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	205+22.00	28.50' RT	623.02				618.50 S	
S805	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	206+11.24	27.71' LT	623.57	618.07 N			618.04 S	
S806	60204825	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11V FRAME AND GRATE	206+19.00	26.05' LT	623.18	618.07 N	618.17 E		618.07 S	
S807	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	206+19.00	17.05' RT	623.41				618.60 W	
S808	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	206+24.00	27.74' LT	623.34	618.09 N			618.09 S	
S809	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	207+62.00	21.95' LT	623.17				618.94 N	
S810	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	207+62.00	15.74' RT	623.32				619.17 N	
S811	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	207+72.00	21.38' LT	622.79		618.83 E	618.83 S	618.73 W	
S812	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	207+72.00	16.68' RT	623.20			619.12 S	619.02 W	
S813	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	207+72.00	28.18' LT	623.41		618.69 E		618.59 S	
S814	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	209+11.21	14.88' LT	623.59				619.90 E	
S815	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	209+06.04	15.18' RT	623.27			619.60 W	619.50 S	
S816	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	206+60.00	30.79' RT	622.40				618.01	
S817	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	206+60.00	17.46' RT	623.96		617.87 E	617.77 N	617.77 S	

MODEL: Default
FILE NAME: S:\DOL\1600--1699\16190SB\Drawings\CAD\Micros-SS4\CAD Sheets\16190SB-tht-Conveyance-Schedules-2.dgn

STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = AlexaM	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE SCHEDULES AND DETAILS
WILLOW AND HIBBARD ROAD

SCALE: N/A | SHEET 2 OF 3 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	78
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

DRAINAGE PIPE SCHEDULE

PIPE NO.	PAY ITEM	PIPE DESCRIPTION	LENGTH (FEET)	FROM STRUCTURE	INVERT START	TO STRUCTURE	INVERT END	SLOPE (%)
P101	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	40	S101	620.40	S102	618.80	4.00%
P102	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	30	S103	620.25	S104	618.45	6.00%
P103	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	4	S104	618.35	EX ARCH	618.11	6.00%
P104	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	26	S105	620.00	S106	618.44	6.00%
P105	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S107	618.64	S106	618.44	2.00%
P106	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S106	618.34	EX ARCH	617.98	6.00%
P107	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S111	619.75	S109	619.65	1.00%
P108	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	26	S109	619.55	S110	619.03	2.00%
P109	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	37	S108	619.77	S110	619.03	2.00%
P110	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S112	619.63	S110	619.03	6.00%
P111	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	5	S110	618.93	EX ARCH	618.83	2.00%
P112	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	26	S113	619.90	S114	618.34	6.00%
P113	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S114	618.24	EX ARCH	617.94	6.00%
P114	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	26	S115	619.85	S116	618.29	6.00%
P115	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S116	618.19	EX ARCH	617.89	6.00%
P201	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	18	S205	619.40	S206	619.22	1.00%
P202	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	35	S206	619.12	S203	618.77	1.00%
P203	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	18	S204	619.50	S203	619.14	2.00%
P204	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	17	S202	619.60	S203	619.43	1.00%
P205	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	34	S203	618.67	S207	618.33	1.00%
P206	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	41	S207	618.23	S201	617.82	1.00%
P207	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S210	619.40	S208	619.07	3.00%
P208	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	26	S208	618.97	S209	618.19	3.00%
P209	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S211	619.40	S209	619.07	3.00%
P210	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S209	618.09	EX ARCH	617.94	3.00%
P211	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	26	S212	619.75	S213	618.71	4.00%
P212	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S213	618.61	EX ARCH	618.41	4.00%
P213	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	26	S214	620.00	S215	618.96	4.00%
P214	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S215	618.86	EX ARCH	618.62	4.00%
P215	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S216	619.25	S218	619.15	1.00%
P216	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	26	S218	619.05	S217	618.79	1.00%
P217	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S219	620.25	S217	619.92	3.00%
P218	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S217	618.69	EX ARCH	618.51	3.00%
P219	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	26	S220	620.00	S221	618.96	4.00%
P220	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	7	S221	618.86	EX ARCH	618.58	4.00%
P221	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	13	S222	618.80	PR BOX	618.02	6.00%
P222	550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	14	S223	616.64	PR BOX	616.64	0.00%
P223	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S226	619.60	S224	618.94	6.00%
P224	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	13	S224	618.84	PR BOX	618.06	6.00%
P225	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	14	S225	618.74	PR BOX	618.04	5.00%
P226	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S227	619.50	S225	618.84	6.00%
P227	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S228	618.80	PR BOX	618.08	6.00%
P228	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	14	S229	618.90	PR BOX	618.06	6.00%
P229	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	16	S232	618.90	S230	618.42	3.00%
P230	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	13	S230	618.32	PR BOX	617.93	3.00%
P231	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	14	S231	618.30	PR BOX	618.02	2.00%
P232	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S233	618.60	S231	618.40	2.00%
P233	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	46	EX 1	617.60	PR BOX	617.14	1.00%
P301	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S301	618.80	PR BOX	618.08	6.00%
P302	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	4	S302	618.30	PR BOX	618.06	6.00%
P303	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S303	619.75	S302	619.15	6.00%
P304	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S304	618.80	PR BOX	618.08	6.00%
P305	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	4	S305	618.30	PR BOX	618.06	6.00%
P306	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	16	S308	619.45	S306	618.81	4.00%
P307	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S306	618.65	PR BOX	618.05	5.00%
P308	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	4	S307	618.30	PR BOX	618.06	6.00%
P309	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	16	S309	619.60	S307	618.96	4.00%
P310	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	25	S310	619.80	S308	619.55	1.00%
P311	550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	25	S311	616.64	PR BOX	616.62	0.10%
P401	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	20	S401	619.75	S403	618.95	4.00%
P402	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S403	618.50	PR BOX	618.02	4.00%
P403	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	4	S404	618.25	PR BOX	618.05	5.00%
P404	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	15	S402	619.95	S404	619.20	5.00%
P405	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S405	618.75	PR BOX	618.03	6.00%
P406	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S406	618.35	PR BOX	618.05	6.00%
P407	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S407	618.65	PR BOX	617.99	6.00%
P408	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	4	S408	618.25	PR BOX	618.01	6.00%
P409	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	16	S409	619.75	S411	618.95	5.00%
P410	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S411	618.85	PR BOX	618.25	5.00%
P411	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S412	618.35	PR BOX	618.05	6.00%
P412	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S410	619.95	S412	619.35	6.00%
P413	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S413	618.70	PR BOX	618.04	6.00%
P414	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S414	618.35	PR BOX	618.05	6.00%
P415	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S415	620.00	S414	619.40	6.00%
P416	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	18	EX 7	618.00	PR BOX	616.92	6.00%
P501	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S501	620.20	S502	620.08	1.00%
P502	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	35	S502	619.98	S503	619.63	1.00%
P503	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	12	S503	619.53	S505	619.29	2.00%
P504	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	12	S505	618.25	PR BOX	618.01	2.00%
P505	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S506	618.35	PR BOX	618.05	6.00%
P506	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S504	620.00	S506	619.40	6.00%
P507	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S507	618.70	PR BOX	618.04	6.00%
P508	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S508	618.35	PR BOX	618.05	6.00%
P509	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	16	S509	619.50	S511	618.54	6.00%
P510	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S511	618.44	PR BOX	617.72	6.00%
P511	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S512	618.30	PR BOX	618.00	6.00%
P512	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S510	620.00	S512	619.34	6.00%
P513	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S513	619.25	PR BOX	618.53	6.00%

DRAINAGE PIPE SCHEDULE

PIPE NO.	PAY ITEM	PIPE DESCRIPTION	LENGTH (FEET)	FROM STRUCTURE	INVERT START	TO STRUCTURE	INVERT END	SLOPE (%)
P514	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	4	S514	618.30	PR BOX	618.06	6.00%
P515	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	13	S515	619.05	PR BOX	618.27	6.00%
P516	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	5	S516	618.30	PR BOX	618.00	6.00%
P517	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	13	S517	618.76	S520	617.98	6.00%
P518	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	16	S518	618.65	PR BOX	618.01	4.00%
P519	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	2	S519	618.05	PR BOX	618.01	2.00%
P520	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	7	EX 5	621.97	S517	620.50	21.00%
P521	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	19	EX 6	619.99	S520	618.85	6.00%
P522	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	41	S520	617.88	PR BOX	617.68	0.50%
P523	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	8	EX PIPE	621.57	EX PIPE	621.53	0.50%
P524	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	12	S521	618.39	PR BOX	618.03	3.00%
P525	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	4	S522	618.15	PR BOX	618.03	3.00%
P526	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	10	EX 8	622.98	S516	618.30	46.80%
P601	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	7	S603	611.89	EX BOX	611.75	2.00%
P602	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	49	S601	619.75	S603	617.79	4.00%
P603	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S602	618.50	S603	618.26	4.00%
P604	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	74	S606	614.80	S603	614.43	0.50%
P605	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	48	S604	619.21	S606	617.29	4.00%
P606	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S605	618.26	S606	618.02	4.00%
P607	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S607	619.75	S604	619.31	4.00%
P608	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S608	618.80	S605	618.36	4.00%
P609	550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	186	S611	615.83	S606	614.90	0.50%
P610	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	46	S609	618.90	S611	618.44	1.00%
P611	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S610	618.60	S611	618.36	4.00%
P612	550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	82	S616	616.34	S611	615.93	0.50%
P613	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	42	S614	618.82	S616	617.56	3.00%
P614	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S615	618.25	S616	617.95	5.00%
P615	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S612	619.25	S614	618.92	3.00%
P616	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S613	618.90	S615	618.35	5.00%
P617	550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	66	S619	616.77	S616	616.44	0.50%
P618	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	39	S617	618.70	S619	617.92	2.00%
P619	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	7	S618	618.40	S619	618.05	5.00%
P620	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	8	EX PIPE	618.40	S618	618.40	0.00%
P621	550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	161	S622	617.68	S619	616.87	0.50%
P622	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	38	S620	618.80	S622	618.42	1.00%
P623	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S621	618.80	S622	618.50	5.00%
P624	550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	90	S625	618.23	S622	617.78	0.50%
P625	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	39	S623	618.52	S625	618.33	0.50%
P626	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S624	618.39	S625	618.33	1.00%
P627	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S626	618.73	S623	618.62	1.00%
P628	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S627	618.60	S624	618.49	1.00%
P629	550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	95	S630	618.80	S625	618.33	0.50%
P630	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	38	S628	619.28	S630	618.90	1.00%
P631	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	6	S629	618.96	S630	618.90	1.00%
P632	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	44	S631	619.52	S632	619.08	1.00%
P633	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	68	S632	618.98	S635	618.30	1.00%
P634	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	44	S635	618.20	S633	617.76	1.00%
P635	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	20	S633	617.66	S632	617.46	1.00%
P636	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	11	S635	617.87	S633	617.76	1.00%
P637	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S636	618.41	S634	618.30	1.00%
P638	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	70	S637	618.67	S635	617.97	1.00%
P639	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	70	S638	619.21	S636	618.51	1.00%
P640	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	8	S632	617.46	EX PIPE	617.42	0.50%
P641	60100915	PIPE DRAINS 6"	8	EX PIPE	620.10	S632	620.06	0.50%
P642	60100905	PIPE DRAINS 4"	8	EX PIPE	619.20	S632	619.16	0.50%
P701	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S701	620.12	S703	620.07	0.50%
P702	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	28	S703	620.07	S704	619.98	0.30%
P703	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S702	620.11	S704	620.08	0.30%
P704	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	7	S704	619.98	EX 3	619.96	0.30%
P705	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	34	S705	620.62	S706	620.45	0.50%
P706	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	74	S706	620.35	S704	619.98	0.50%
P707	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	45	S708	620.50	S707	620.05	1.00%
P801	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	8	S801	617.69	EX PIPE	617.67	0.34%
P802	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	10	S803	617.73	S801	617.69	0.34%
P803	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	50	S802	618.29	S801	617.79	1.00%
P804	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S804	618.50	S802	618.39	1.00%
P805A	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	8	EX PIPE	617.76	S803	617.73	0.34%
P805B	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	8	S805	618.04	EX PIPE	618.01	0.34%
P806	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	8	S806	618.07	S805	618.04	0.34%
P807	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	43	S807	618.60	S806	618.17	1.00%
P808	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	8	S808	618.09	S806	618.07	0.34%
P809A	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	8	EX PIPE	618.12	S808	618.09	0.34%
P809B	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	8	S813	618.59	EX PIPE	618.56	0.34%
P810	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	7	S811	618.73	S813	618.69	0.50%
P811	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S809	618.94	S811	618.83	1.00%
P812	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	38	S812	619.02	S811	618.83	0.50%
P813	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	11	S810	619.17	S812	619.12	0.50%
P814	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	8	EX PIPE	618.62	S813	618.59	0.34%
P815	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	30	S814	619.90	S815	619.60	1.00%
P816	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	10	S815	619.50	EX 4	619.40	1.00%
P817	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	14	S816	618.01	S817	617.87	1.00%

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STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

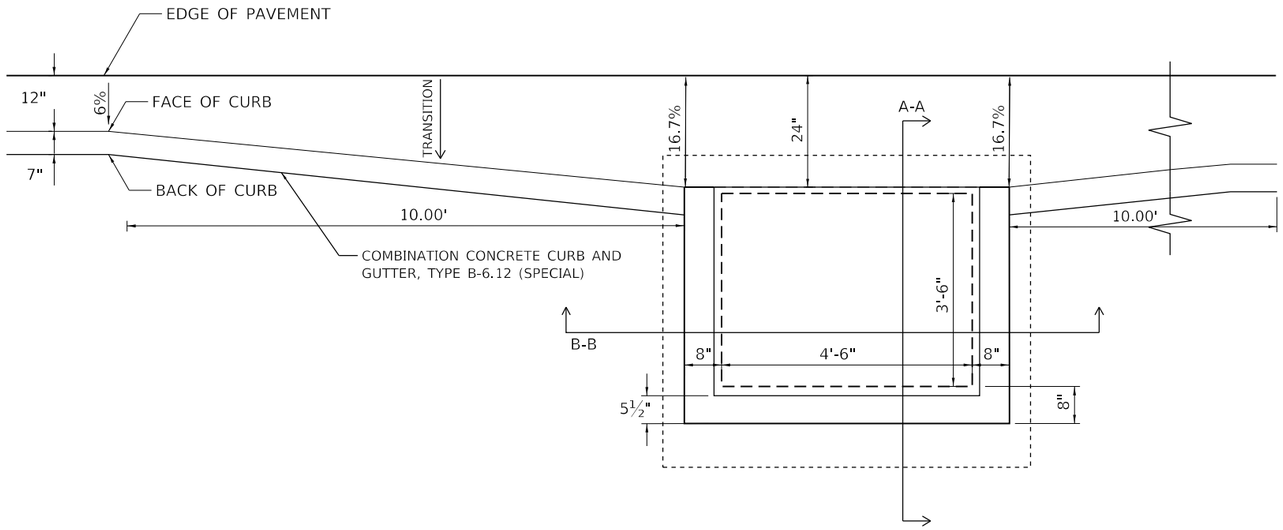
USER NAME = AlexaM	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

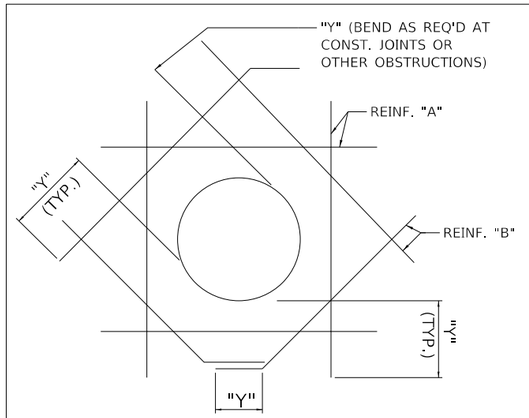
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE SCHEDULES AND DETAILS
WILLOW AND HIBBARD ROAD

SCALE: N/A | SHEET 3 OF 3 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	79
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			





NOTES:

1. MOVE REINF. MAX. OF 2" TO CLEAR OPENINGS TO AVOID CUTTING REINF. CUT REMAINING BARS THAT THROUGH OPENING.

2. WHERE REINF. MUST BE CUT AS REINF. "A" AT LEAST EQUAL IN AREA TO THAT WHICH WAS CUT AND EXTEND BEYOND OPENING DISTANCE "Y"

3. DIAGONAL BARS "B" TO BE PLACED:
   A. AT EACH FACE OF WALL WHERE TWO LAYERS OF REINF. ARE PROVIDED.
   B. AT TOP & BOTTOM OF ALL SLABS.

4. UNLESS OTHERWISE NOTED. SIZE OF REINF. "B" SHALL BE THE SIZE OF THE LARGEST REINF. BAR CUT.

5. Y = CLASS B LAP (#4 BAR 1' -6") (#5 BAR = 1' - 10")

6. THIS DETAIL IS TO BE USED WHEN NO OTHER DETAIL IS SPECIFIED.

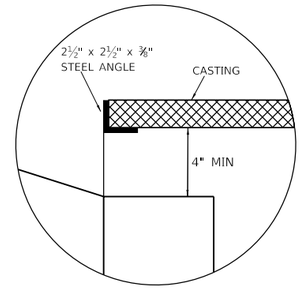
ADDITIONAL REINFORCEMENT AT CONCRETE OPENINGS

GENERAL NOTES:
ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

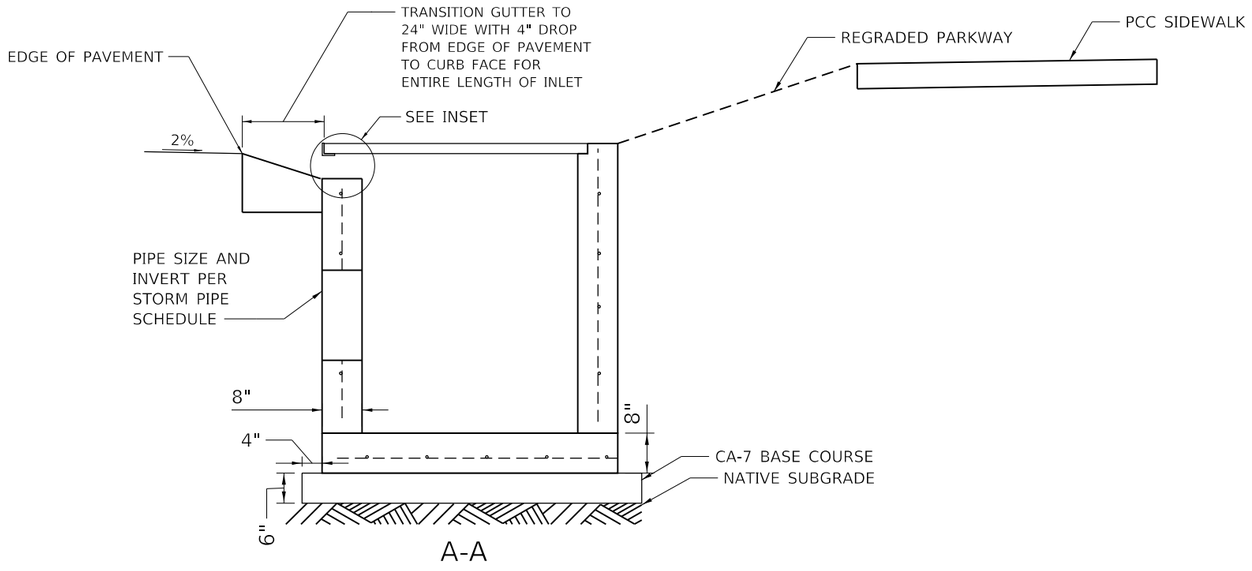
PROVIDE ADDITIONAL REINFORCEMENT AROUND PIPE OPENINGS PER "ADDITIONAL REINFORCEMENT AT CONCRETE OPENINGS" DETAIL

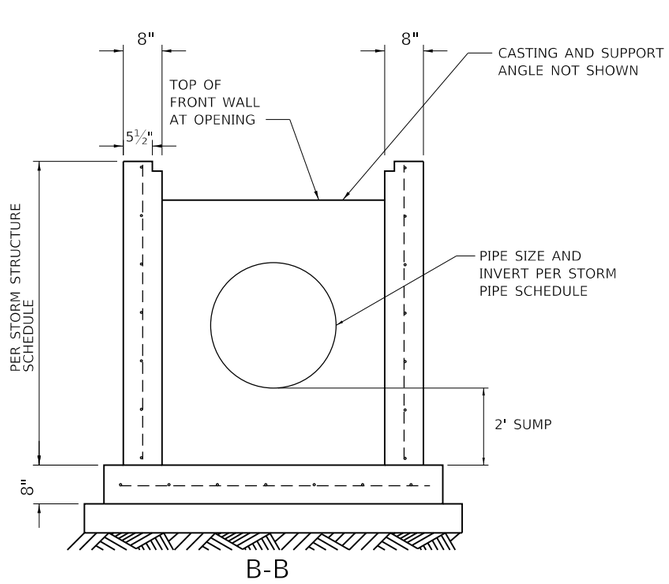
DESIGN DATA:
CONCRETE MASONARY: f' c = 4.000 PSI
STEEL REINFORCING: Fy = 60.000 PSI

STRUCTURAL DESIGN IS BASED ON A MAXIMUM STRUCTURE DEPTH OF 9 FEET. STRUCTURAL REVIEW REQUIRED FOR STRUCTURES DEEPER THAN 9 FEET.



INSET





DRAINAGE STRUCTURES, NO. 1 – WILLOW ROAD

NOT TO SCALE

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURES, NO. 1
STANDARD DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	80
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

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SKOKIE LAGOONS FPDCC

MWRD INTERCEPTOR SEWER

WINNETKA GOLF COURSE

0 20 40 60
SCALE IN FEET

N

P641 P642 P640 S633 S631 P634 S634 S628 P627 S626 S638 P638 P630 20+00 S636 P634 P636 P632 S639 P633 WILLOW ROAD S630 P629 P631 P639 S637 S635 S632 S629 S627 P637 P628

MATCH LINE STA. 23+00.00

FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC)

WINNETKA MUNICIPAL MAINTENANCE YARDS

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

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

EXISTING PROFILE ALONG ℄ OF WILLOW ROAD

PROPOSED PROFILE ALONG ℄ OF WILLOW ROAD

S639 S635 S637 S631 S630 P639 P633 P629 P632 P630 / P631 P634

1.50% MIN. 1.50% MAX. 1.50% MIN.

EXISTING PROFILE ELEVATION (TYP.)

PROPOSED PROFILE ELEVATION (TYP.)

635	630	625	620	615	610	605

624.42	624.35	624.28	624.26 / 624.38	624.26 / 624.25	624.25 / 623.95	624.26 / 623.84	624.28 / 623.98	624.30 / 624.21	624.30 / 624.14	624.24 / 623.72	624.15 / 623.25	624.06 / 623.07
17+00	17+50	18+00	18+50	19+00	19+50	20+00	20+50	21+00	21+50	22+00	22+50	23+00

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(815) 744-4200

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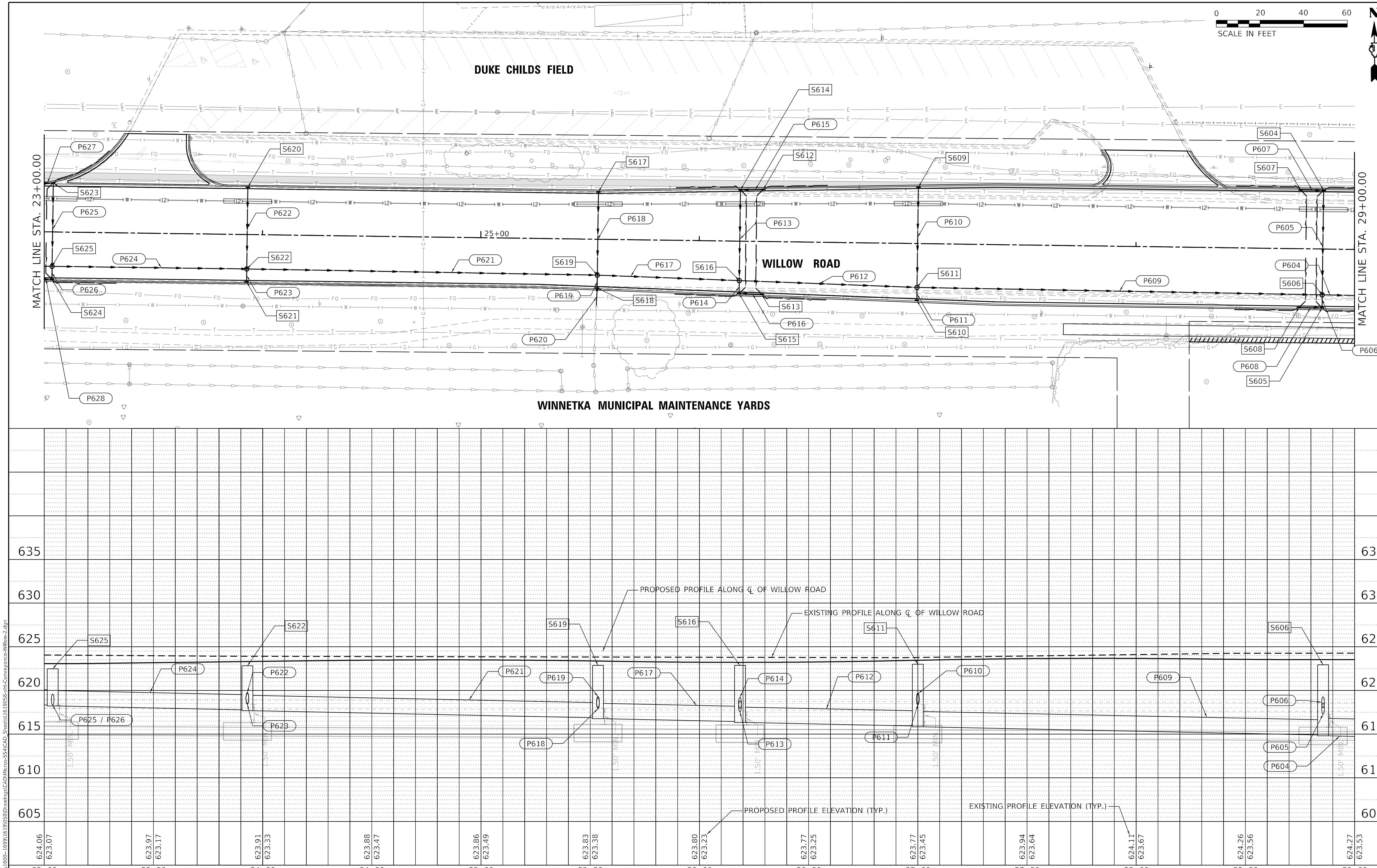
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 1 OF 8 SHEETS | STA. 17+00.00 TO STA. 23+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	81
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



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

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	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 2 OF 8 SHEETS | STA. 23+00.00 TO STA. 29+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	82

CONTRACT NO. 61M29

ILLINOIS | FED. AID PROJECT

DUKE CHILDS FIELD

HIBBARD ROAD

WINNETKA PRESBYTERIAN CHURCH

0 20 40 60
SCALE IN FEET

N

MATCH LINE STA. 29+00.00

MATCH LINE STA. 35+00.00

S601 P602 WILLOW ROAD 30+00 P604 S603 P601 ADJ S602 P603

PR PERMANENT EASEMENT

PR ROW

ADJ

S101 P101 WILLOW ROAD S102 S103 P102 S104 P103 S105 P104 P105 S106 P106 S107 P109 S108

PR ROW

EXISTING 8' W x 5' H BRICK ARCH SEWER

355 HIBBARD ROAD

1250 WILLOW ROAD

350 AUBURN AVE

AUBURN AVENUE

FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC)

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

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

635 630 625 620 615 610 605

PROPOSED PROFILE ALONG ℄ OF WILLOW ROAD

EXISTING PROFILE ALONG ℄ OF WILLOW ROAD

S603 P604 P601 N877 N556 P101 P103 P106

EXISTING 12' W x 5' H CONCRETE BOX CULVERT

EXISTING 8' W x 5' H BRICK ARCH SEWER

EXISTING PROFILE ELEVATION (TYP.)

PROPOSED PROFILE ELEVATION (TYP.)

624.27	624.21	624.12	624.13	624.28	624.40	624.25	624.24	624.17	623.99	624.06	624.10	624.03
623.53	623.63	623.80	623.97	624.14	624.26	624.23	624.10	623.95	623.80	623.65	623.50	623.38

29+00 29+50 30+00 30+50 31+00 31+50 32+00 32+50 33+00 33+50 34+00 34+50 35+00

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PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 3 OF 8 SHEETS | STA. 29+00.00 TO STA. 35+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	83
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

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.
DATE
BY

WINNETKA PRESBYTERIAN CHURCH
1255 WILLOW ROAD
1215 WILLOW ROAD
1211 WILLOW ROAD
1205 WILLOW ROAD
1173 WILLOW ROAD
371 BERKELEY AVENUE
355 AUBURN AVE
1216 WILLOW ROAD
1210 WILLOW ROAD

0 20 40 60
SCALE IN FEET
N

MATCH LINE STA. 35+00.00
MATCH LINE STA. 41+00.00
35+00
40+00
WILLOW ROAD
BERKELEY AVENUE
EUCLID AVENUE
CROW ISLAND WOODS

S109 P107 S111 S113 S115 ADJ S204 P203 S203 P204 S202 S205 P202 P201 S206 S208 P207 S210 S212
P108 ADJ P109 S110 P112 S114 P113 S112 P110 P111 P114 S116 P115 P206 P205 S201 S207 P208 P211 S213 P212 S211 P209 S209 P210

EXISTING 8' W x 5' H BRICK ARCH SEWER
W WATCH AND PROTECT (MCI/VERIZON)
MCI/VERIZON RELOCATION OF EXISTING FACILITIES
WATCH AND PROTECT (MCI/VERIZON) W

KEY NOTES

W CONTRACTOR SHALL COORDINATE WITH SPECIFIED ENTITY TO PERFORM A "WATCH AND PROTECT" AS NECESSARY. NO ADDITIONAL PAYMENT SHALL BE MADE FOR COORDINATION EFFORTS.

635
630
625
620
615
610
605

PROPOSED PROFILE ALONG ℄ OF WILLOW ROAD
EXISTING PROFILE ALONG ℄ OF WILLOW ROAD
EXISTING 8' W x 5' H BRICK ARCH SEWER
PROPOSED PROFILE ELEVATION (TYP.)
EXISTING PROFILE ELEVATION (TYP.)

	P111	P113	P115	P206	P210	P212
PROPOSED	624.03	623.93	623.88	623.72	623.60	623.51	623.42	623.26	623.32	623.49	623.63	623.76
EXISTING	623.38	623.37	623.49	623.60	623.48	623.33	623.18	623.03	623.00	623.19	623.52	623.73

35+00 35+50 36+00 36+50 37+00 37+50 38+00 38+50 39+00 39+50 40+00 40+50 41+00

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JOLIET, ILLINOIS 60431
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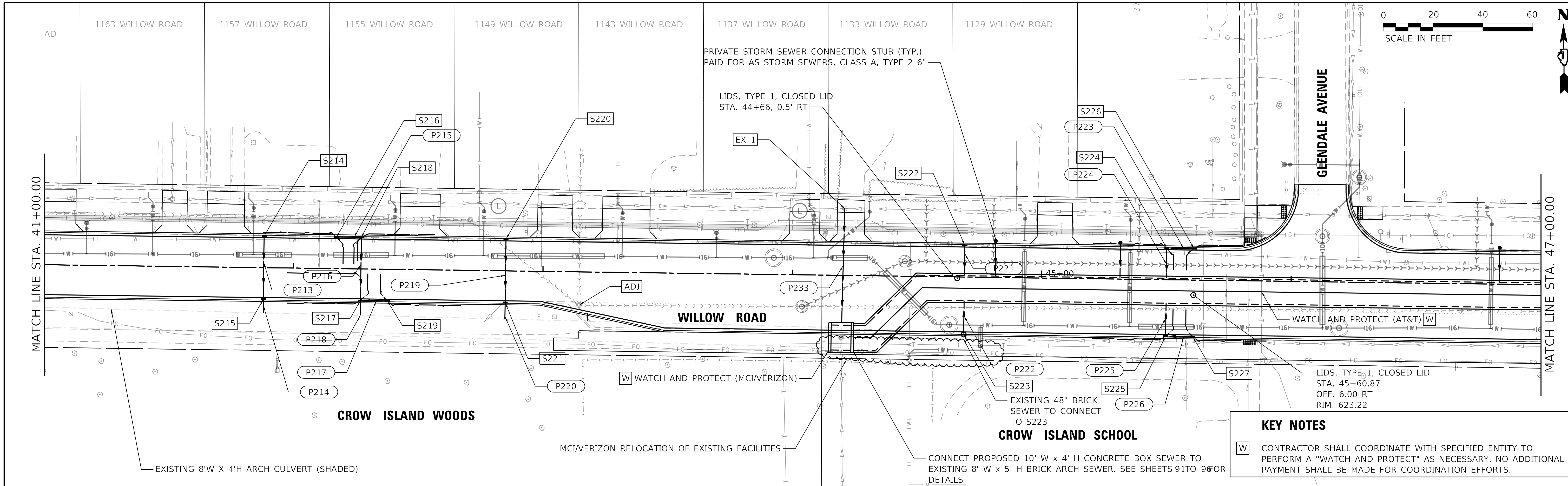
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
WILLOW ROAD

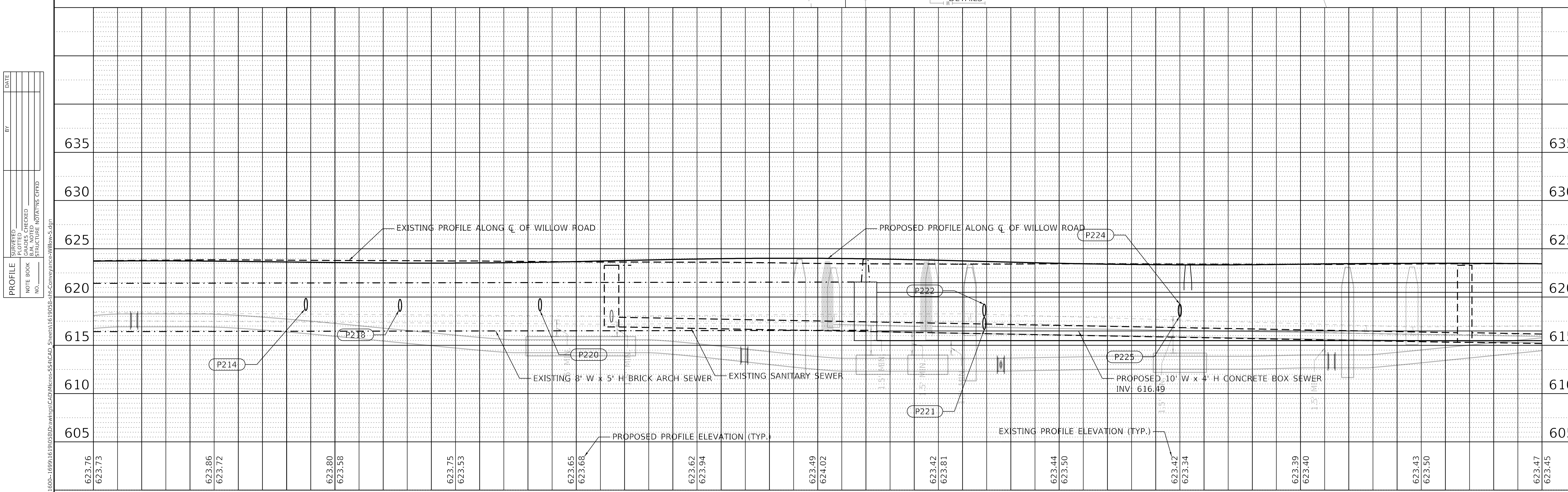
SCALE: 1" = 20' | SHEET 4 OF 8 SHEETS | STA. 35+00.00 TO STA. 41+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	84
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



KEY NOTES

W — CONTRACTOR SHALL COORDINATE WITH SPECIFIED ENTITY TO PERFORM A "WATCH AND PROTECT" AS NECESSARY. NO ADDITIONAL PAYMENT SHALL BE MADE FOR COORDINATION EFFORTS.



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	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 5 OF 8 SHEETS | STA. 41+00.00 TO STA. 47+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	85

CONTRACT NO. 61M29

ILLINOIS | FED. AID PROJECT

1103 WILLOW ROAD | 1095 WILLOW ROAD | 1089 WILLOW ROAD | 1083 WILLOW ROAD | 1077 WILLOW ROAD | 1071 WILLOW ROAD | 370 ROSEWOOD AVENUE

0 20 40 60
SCALE IN FEET

N

MATCH LINE STA. 47+00.00

MATCH LINE STA. 53+00.00

PIVOT BOX CULVERT 2°
STA. 48+01, 2.4' RT

MWRD INTERCEPTOR SEWER

PRIVATE STORM SEWER CONNECTION STUB (TYP.)
PAID FOR AS STORM SEWERS, CLASS A, TYPE 2 6"

LIDS, TYPE 1, CLOSED LID
STA. 51+53
OFF. 7.8 RT
RIM. 623.13

S230 P229 S232 S228 P227 S301 S304 P304 S311 S310 P310 S308 P306 S306 P307 P311 ADJ S401 P401 S403 P402

P230 P301 P302 P303 S303 S302 P305 S305 ADJ P308 S307 P309 S309 P403 S404 P404 S402 ADJ

P228 P231 S229 S231 ADJ P232 S233

WILLOW ROAD

50+00

CROW ISLAND SCHOOL

GLENDALE AVENUE

ROSEWOOD AVENUE

ROSEWOOD AVENUE

LIDS, TYPE 1, CLOSED LID
STA. 48+20.00
OFF. 6.00 RT
RIM. 623.13

PIVOT BOX CULVERT 2°
STA. 51+21, 3.8' RT

PIVOT BOX CULVERT 2°
STA. 47+50, 4.2' RT

PROPOSED 10' W x 4' H PRECAST CONCRETE BOX CULVERTS

PIVOT BOX CULVERT 2°
STA. 50+70, 2.1' RT

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

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

635 630 625 620 615 610 605 600

EXISTING PROFILE ALONG ℄ OF WILLOW ROAD

PROPOSED PROFILE ALONG ℄ OF WILLOW ROAD

P227 P231 P231 P301 P304 P403 P228 P302 P305 P307 / P308 P311 P402

PROPOSED 10' W x 4' H CONCRETE BOX SEWER
INV: 616.49

MWRD INTERCEPTOR SEWER (INVERT: 500.21)

EXISTING SANITARY SEWER

PROPOSED PROFILE ELEVATION (TYP.)

EXISTING PROFILE ELEVATION (TYP.)

623.47 623.45 | 623.50 623.30 | 623.57 623.23 | 623.56 623.32 | 623.58 623.49 | 623.64 623.60 | 623.62 623.56 | 623.62 623.41 | 623.66 623.26 | 623.71 623.14 | 623.70 623.15 | 623.71 623.30 | 623.71 623.47

47+00 47+50 48+00 48+50 49+00 49+50 50+00 50+50 51+00 51+50 52+00 52+50 53+00

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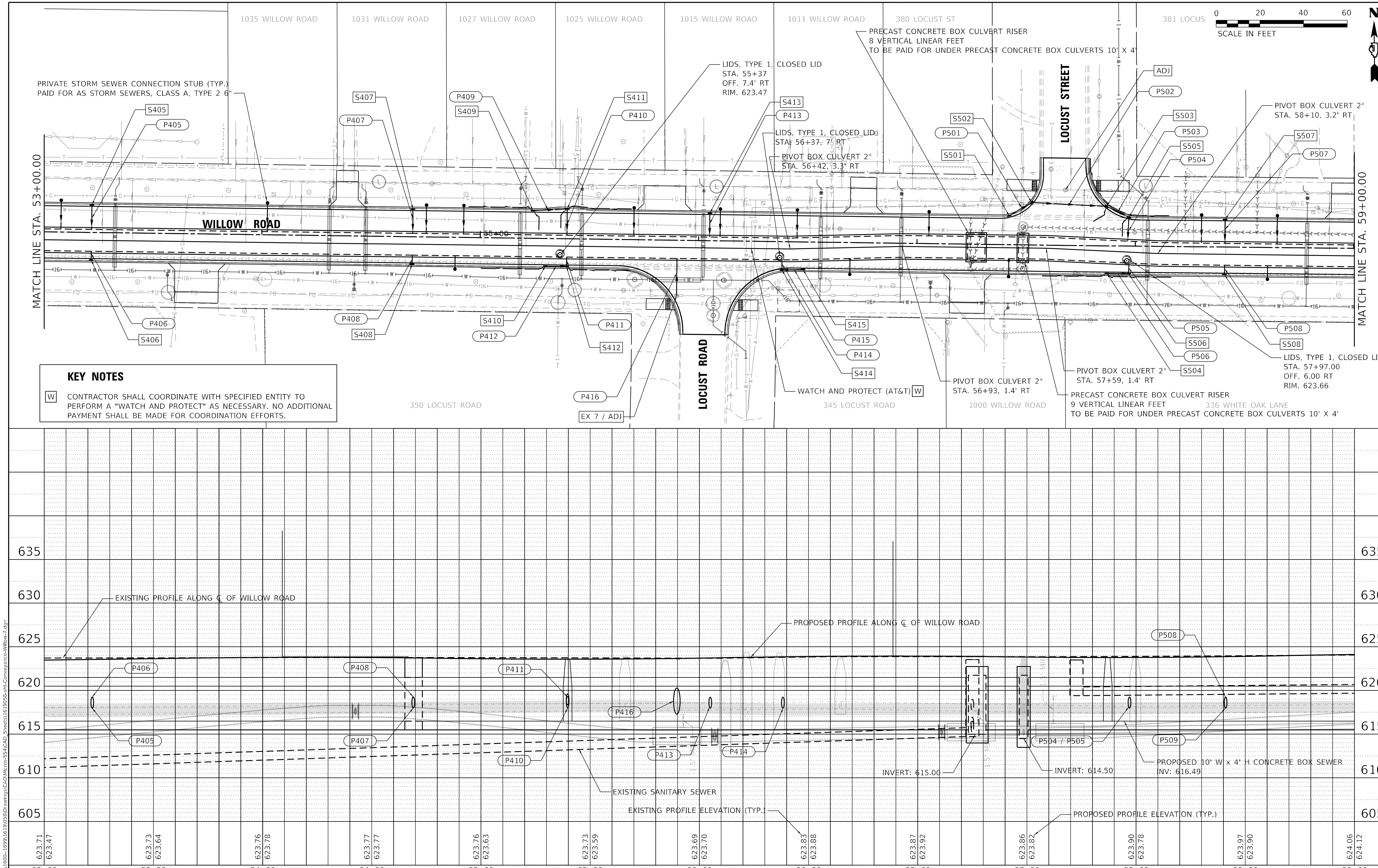
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 6 OF 8 SHEETS | STA. 47+00.00 TO STA. 53+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	86
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



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JOLIET, ILLINOIS 60431
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 7 OF 8 SHEETS | STA. 53+00.00 TO STA. 59+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	87

CONTRACT NO. 61M29

ILLINOIS FED. AID PROJECT

MATCH LINE STA. 59+00.00

LIDS, TYPE 1, CLOSED LID
STA. 60+30.40
OFF. 6.00 RT
RIM. 623.92

LIDS, TYPE 1, CLOSED LID
STA. 63+66, 46' LT

LIDS, TYPE 1, CLOSED LID
STA. 63+50, 8' RT

PROPOSED BOX CULVERT TO BE PLUGGED
FOR CONNECTION BY FUTURE CONTRACT.
COST TO BE INCLUDED WITH THE PAY ITEM
"PLUG EXISTING CULVERTS"

PROVIDENT AVENUE

WILLOW ROAD

WHITE OAK LANE

955 WILLOW ROAD

338 WHITE OAK LANE

340 WHITE OAK LANE

336 WHITE OAK LANE

WMR

S511 P509 S509 P510 S510 P512 P511 S512 S521 P524 P525 S522 S513 P513 S514 P514 S515 P515 P516 S516 S523 S518 P519 P518 P523 EX 6 P521 S519 S520 P522 P517 S517 P520 EX 5

PRIVATE STORM SEWER CONNECTION STUB (TYP.)
PAID FOR AS STORM SEWERS, CLASS A, TYPE 2 6"

KEY NOTES

ADJUST EX 5 AND EX 6 WITH NEW TYPE 1 FRAME, OPEN LID

0 20 40 60
SCALE IN FEET

N

PROFILE

EXISTING PROFILE ALONG ℄ OF WILLOW ROAD

PROPOSED PROFILE ALONG ℄ OF WILLOW ROAD

P510 P524 / P525 P514 P516 P521 S520 P511 P513 P522 P520

EXISTING SANITARY SEWER

PROPOSED 10' W x 4' H CONCRETE BOX SEWER
INV: 616.49

PROPOSED PROFILE ELEVATION (TYP.)

EXISTING PROFILE ELEVATION (TYP.)

635 630 625 620 615 610 605

624.06 624.12 624.16 624.17 624.26 624.07 624.35 624.05 624.50 624.18 624.67 624.36 624.76 624.53 624.85 624.70 624.93 624.87 624.96 624.96 624.87 624.90 624.73 624.70

59+00 59+50 60+00 60+50 61+00 61+50 62+00 62+50 63+00 63+50 64+00 64+50 65+00

PLAN / PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/T. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

B.M. NOTED
STRUCTURE NOTATNS CHKD

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 8 OF 8 SHEETS | STA. 59+00.00 | TO STA. 65+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	88
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC)

DUKE CHILDS FIELD

WINNETKA PRESBYTERIAN CHURCH

HIBBARD ROAD

WILLOW ROAD

EX ROW

33'

200+00

MATCH LINE STA. 205+00.00

S703 P701 S701 S705 P705 S707 P707 P702 P703 S704 P706 S702 S706 S708 EX 3 P704

319 HIBBARD ROAD | 333 HIBBARD ROAD | 345 HIBBARD ROAD | 355 HIBBARD ROAD | 355 HIBBARD R

0 20 40 60
SCALE IN FEET

EXISTING PROFILE ALONG ℄ OF HIBBARD ROAD

PROPOSED PROFILE ALONG ℄ OF HIBBARD ROAD

105.00' V.C.

635 630 625 620 615 610 605 600 595

EXISTING PROFILE ELEVATION (TYP.)

PROPOSED PROFILE ELEVATION (TYP.)

199+00	199+50	200+00	200+50	201+00	201+50	202+00	202+50	203+00	203+50	204+00	204+50	205+00
624.25	624.37	624.41	624.44 / 624.12	624.48 / 623.93	624.52 / 624.02	624.57 / 624.25	624.57 / 624.29	624.55 / 624.15	624.54 / 624.00	624.38 / 624.07	624.42 / 623.61	624.55 / 623.48

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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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
HIBBARD ROAD

SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA.199+00.00 TO STA. 205+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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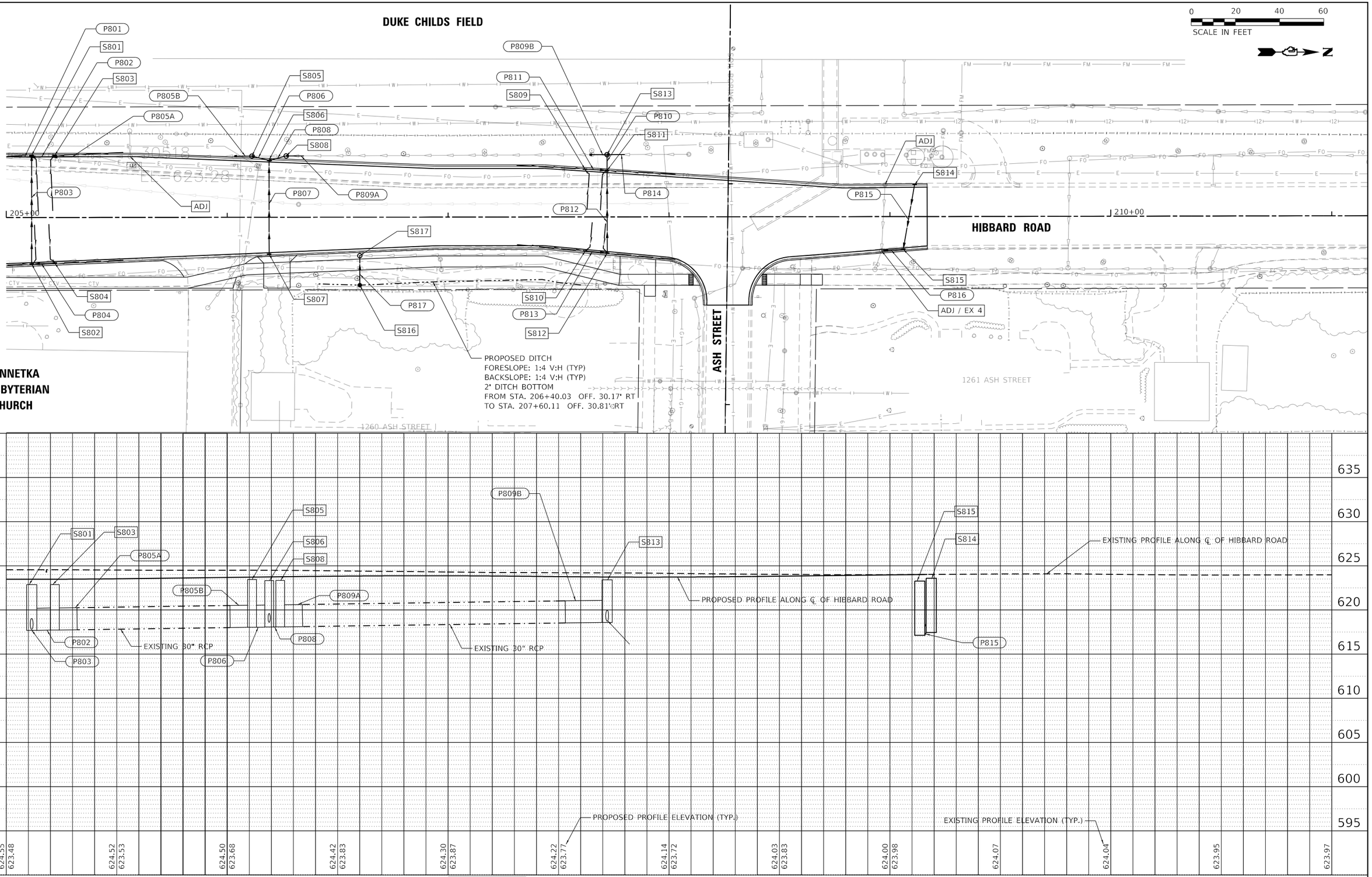
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
HIBBARD ROAD

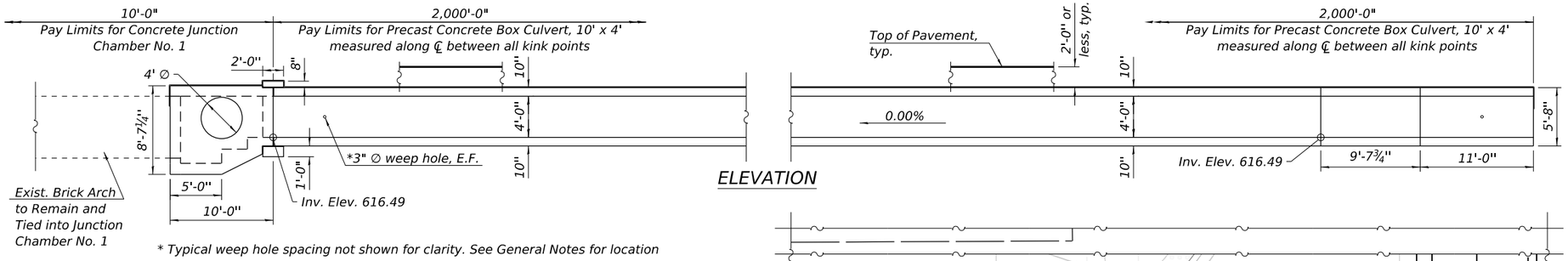
SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS | STA.205+00.00 TO STA.211+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	90
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

Benchmark: *BM #3, Set mag nail in asphalt path near NW end of "Crow Island Elementary School SW of intersection of Willow Rd. and Glendale Ave. Elev. 623.635.*
BM #4, Set cut cross on the N'ly rim of water valve vault at the SE corner of intersection of Willow Rd and Rosewood Ave. Elev. 624.257.
BM #5, Set cut square on the N'ly rim of manhole in grass just E of the SE corner of the intersection of Willow Rd. and Locust Rd. Elev. 624.318.
BM #6, Set cut square on back of curb along walk at NW corner of intersection of Willow Rd. and Provident Ave. Elev. 624.900.

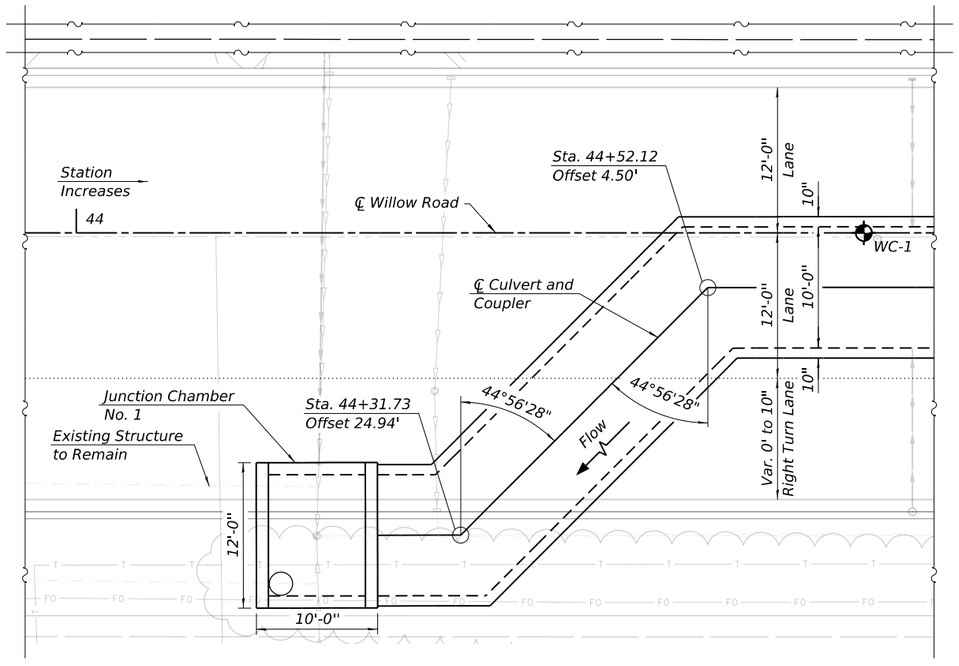
Existing Structure: *8' width by 5' height brick arch sewer, sealed with a cement lining. It will be preserved in the proposed condition.*

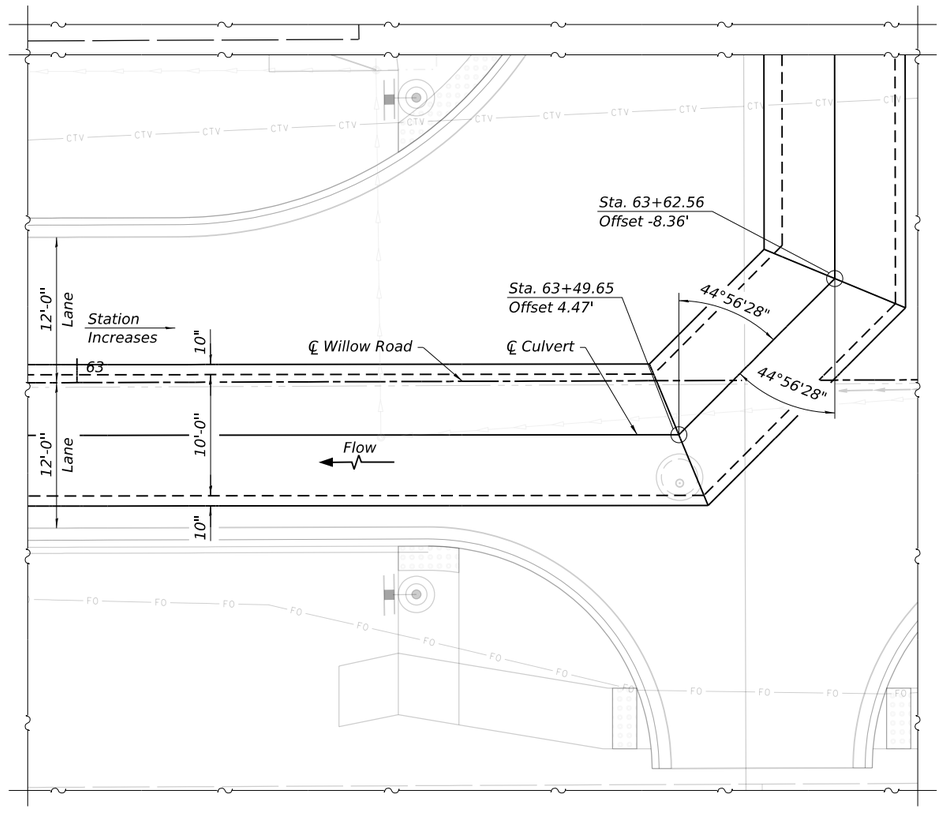
No Salvage.



ELEVATION

* Typical weep hole spacing not shown for clarity. See General Notes for location





PLAN

SOIL BORING TABLE

Boring Number	Station Number	Surface Elevation
WC-1	44+65	623.4
WC-2	45+05	623.4
WC-3	45+65	623.4
WC-4	46+30	623.4
WC-5	47+25	623.5
WC-6	48+05	623.6
WC-7	48+75	623.6
WC-8	49+45	623.6
WC-9	50+50	623.6
WC-10	51+00	623.7
WC-11	51+75	623.7
WC-12	52+40	623.7
WC-14	54+00	623.8
WC-15	54+85	623.7
WC-16	55+55	623.7
WC-19	57+75	623.9
WC-20	58+40	624.0
WC-21	59+30	624.1
WC-22	60+00	624.3
WC-23	60+80	624.4
WC-24	61+45	624.6

LOADING HL-93

DESIGN SPECIFICATIONS

2024 AASHTO LRFD Bridge Design Specifications, 10th Edition

DESIGN STRESSES

PRECAST UNITS

f 'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)

FIELD UNITS

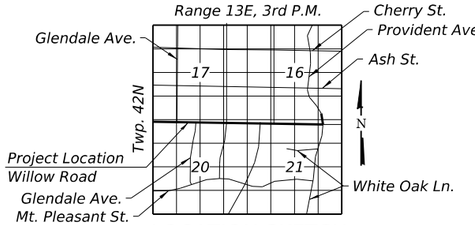
f 'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

NATHAN D RICK 081-005819 LICENSED STRUCTURAL ENGINEER OF ILLINOIS

Nathan D. Rick, S.E.
Licensed Structural Engineer
State of Illinois No. 081-007039
Registration Expires 11/30/2026

LEGEND

- *Ex. ROW*
- *Ex. Underground Fiber Optic* (FO)
- *Ex. Underground Telephone* (T)
- *Pr. Storm Sewer*
- *Soil Boring*



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
WILLOW ROAD
F.A.U. 3561
SECTION 08-00103-00-FP
COOK COUNTY
STATION 44+19.86
S.N. XX-XX

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. XX-XX
SHEET 1 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	91
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	

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GENERAL NOTES

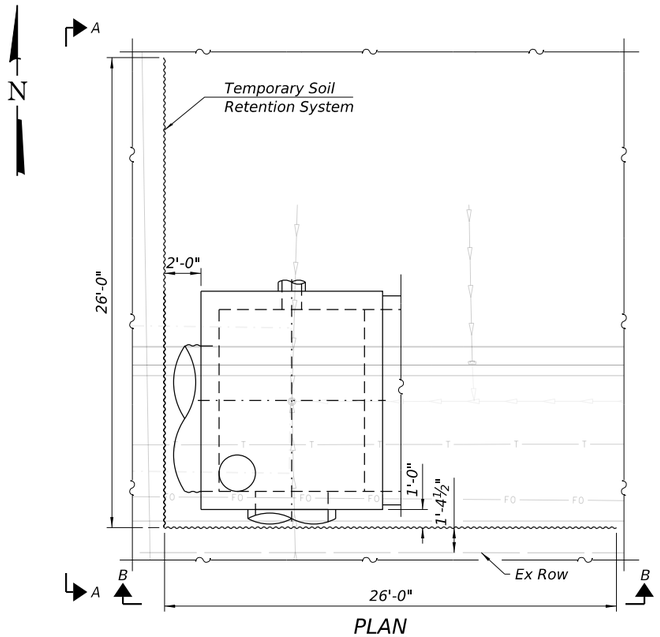
1. Reinforcement bars designated (E) shall be epoxy coated.
2. All construction joints shall be bonded.
3. A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.
4. At the Contractor's discretion, portions of the Temporary Soil Retention System (TSRS) that are adjacent to the Southern Right-of-Way (ROW) limits may be abandoned in place after the Junction Chamber top slab has been cast. The TSRS must be removed below the subgrade of the adjacent pavement, and voids between the exposed face of the TSRS and the exterior of the Junction Chamber shall then be backfilled with controlled Low-Strength Material (CLSM). The quantity of CLSM shown in the Bill of Material is estimated. The Contractor will be paid for the actual volume of work in place at the contract unit price for "Controlled Low-Strength Material".
5. The design fill height for this box is 2' or less. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
6. Precast concrete box culverts and junction chambers shall be backfilled with Granular Backfill for Structures in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area is included in the Granular Backfill for Structures pay item. The 6" thick layer of Granular Bedding material required under the precast concrete box culvert, according Section 540.06 of the standard specifications, shall also apply to Junction Chamber No. 1. Cost of the Granular Backfill material for the 6" Bedding will not be paid for separately but shall be included in the unit price of the work for which it is required.
7. The boring logs for this structure indicate that groundwater levels may encroach on the construction limits of this culvert. It shall be the responsibility of the contractor to control the ground water upstream pipe box culvert flow during construction in order to keep the construction area free of water. The method of controlling the water shall be subject to approval of the Engineer and the cost shall be included in the contract unit price for Precast Concrete Box Culverts.
8. Junction Chamber No. 1 shall also abide by the guidelines of Note 3, except that the cost shall be included in the contract unit price for Junction Chamber No. 1.
9. Culvert flows must be maintained throughout the project. Normal flows shall be allowed to pass at the rate it enters the job site. High flows shall be allowed to pass without causing damage to upstream properties. Special care should be taken to ensure backflow from the existing arch sewer does not affect the curing and framing of the proposed junction chamber. This work will not be measured for payment and is considered incidental to the cost of Junction Chamber No. 1.
10. Protective coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.
11. All existing pipes to remain within the junction chamber shall be temporarily supported during construction of the junction chamber. This work will not be measured for payment and is considered incidental to the cost of Junction Chamber No. 1.

INDEX OF SHEETS

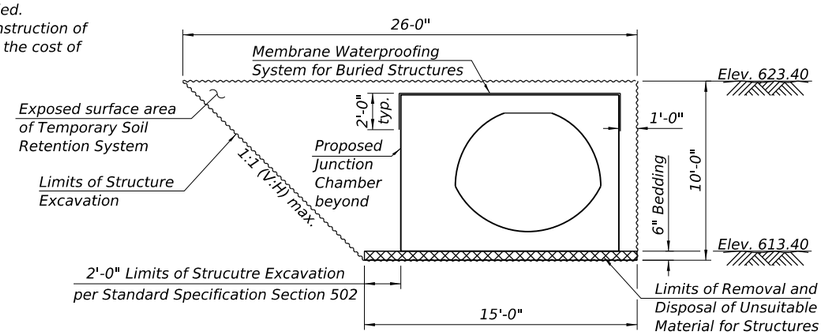
1 General Plan and Elevation
2 General Notes, Total Bill of Materials, and TSRS Details
3-6 Junction Chamber Details

BILL OF MATERIALS

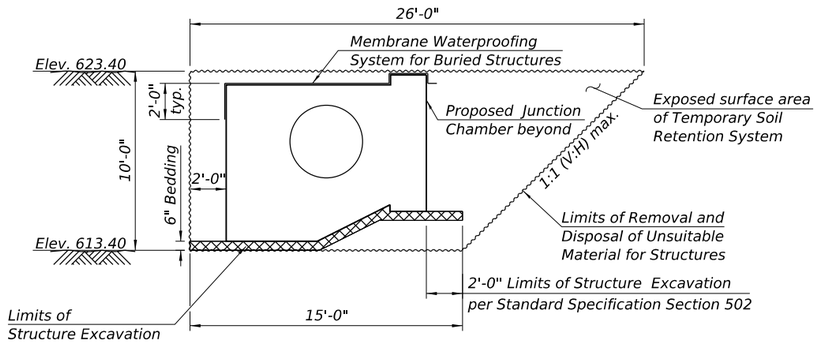
Item	Unit	Total
Structure Excavation	CU YD	10,039
Temporary Soil Retention System	SQ FT	458
Precast Concrete Box Culverts 10' X 4'	FOOT	2,000
Granular Backfill for Structures	CU YD	5,019
Controlled Low-Strength Material	CU YD	10
Junction Chamber No. 1	EACH	1
Membrane Waterproofing System for Buried	SQ YD	1,009



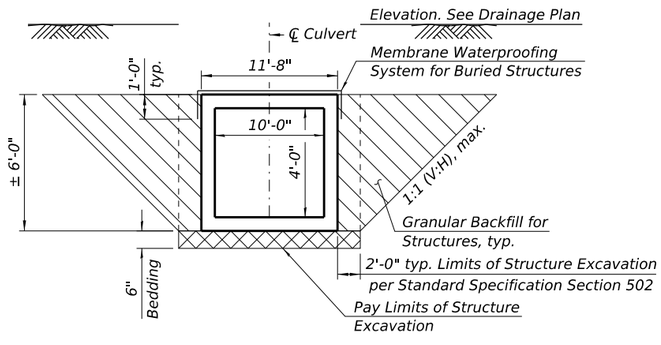
PLAN



VIEW A-A



VIEW B-B



PAY LIMITS FOR GRANULAR BACKFILL FOR STRUCTURES

(Hatched area)

Excavation to place Granular Backfill outside of the pay limits for "Structure Excavation" will not be measured for payment and shall be considered as included in the cost of "Granular Backfill for Structures".

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, BILL OF MATERIALS, AND TSRS DETAILS
STRUCTURE NO. XX-XX

SHEET 2 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	92
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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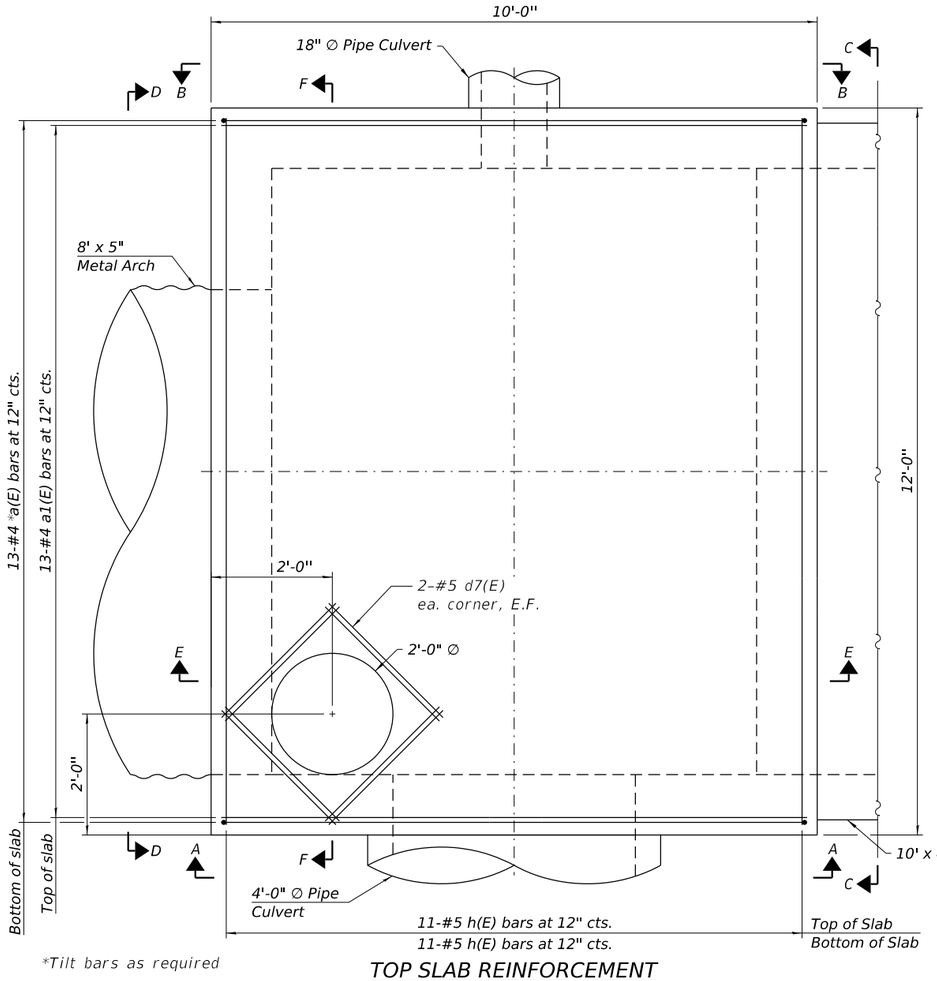
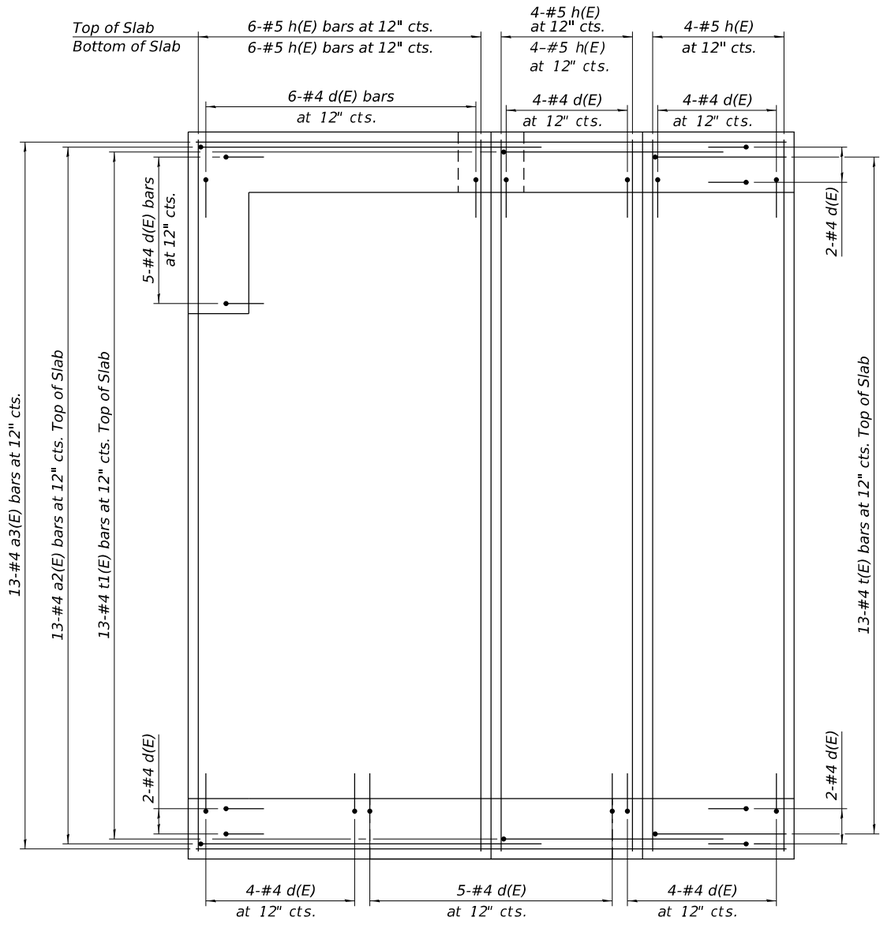


TOP SLAB REINFORCEMENT



BOTTOM SLAB REINFORCEMENT

Notes:

1. *For Section A-A and Section B-B see sheet 4 of 6.*
2. *For Section C-C, Section D-D, Section E-E, and Section F-F see sheet 5 of 6.*
3. *For Bill of Materials and rebar details, see sheet 6 of 6.*

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CAST-IN-PLACE JUNCTION BOX DETAILS (1 OF 4)
STRUCTURE NO. XX-XX

SHEET 3 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	93
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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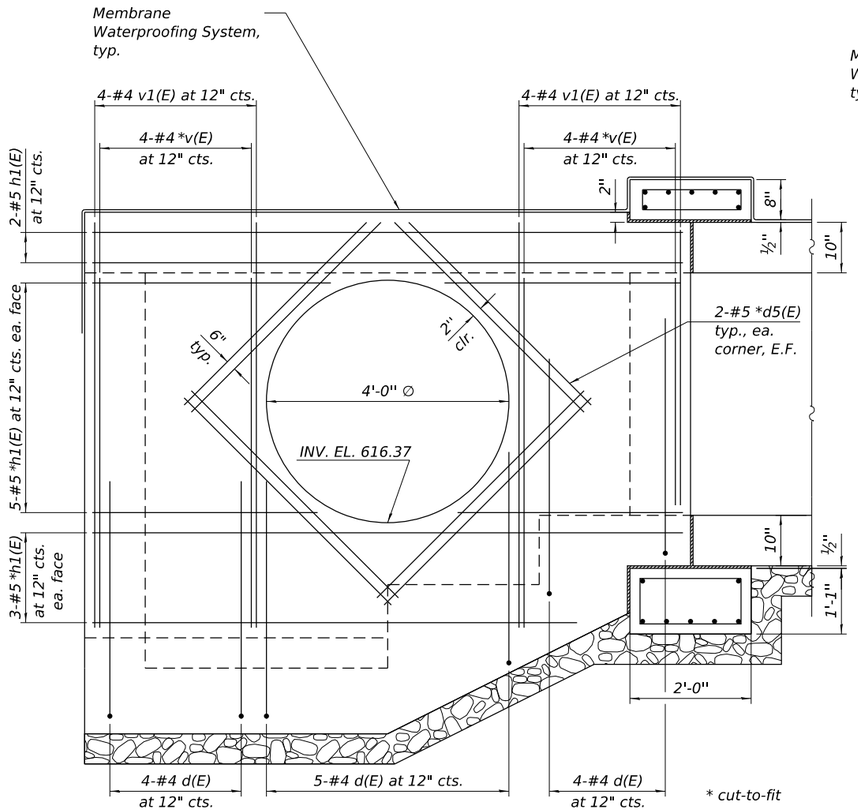
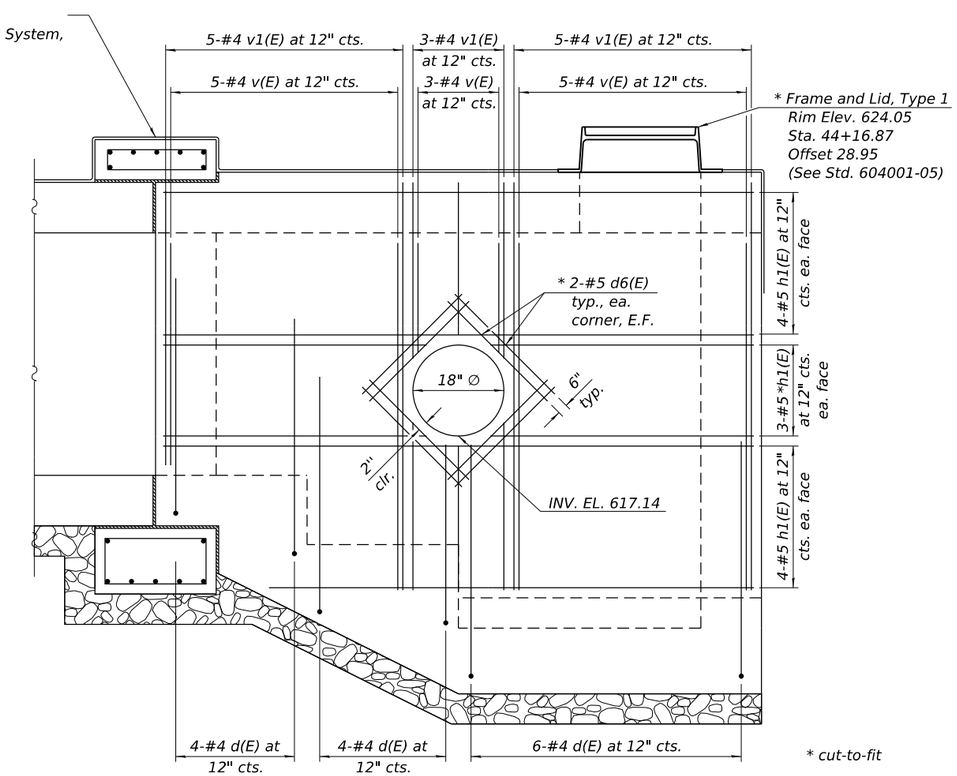


SECTION A-A



SECTION B-B

Notes:
1. *For Bill of Materials and rebar details, see sheet 6 of 6.*

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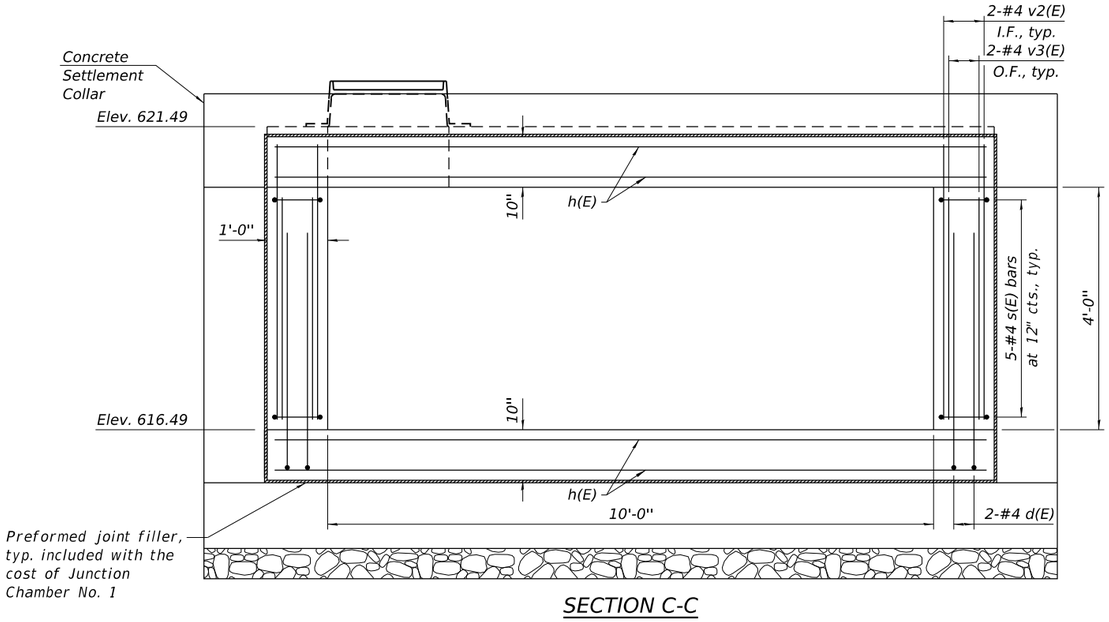
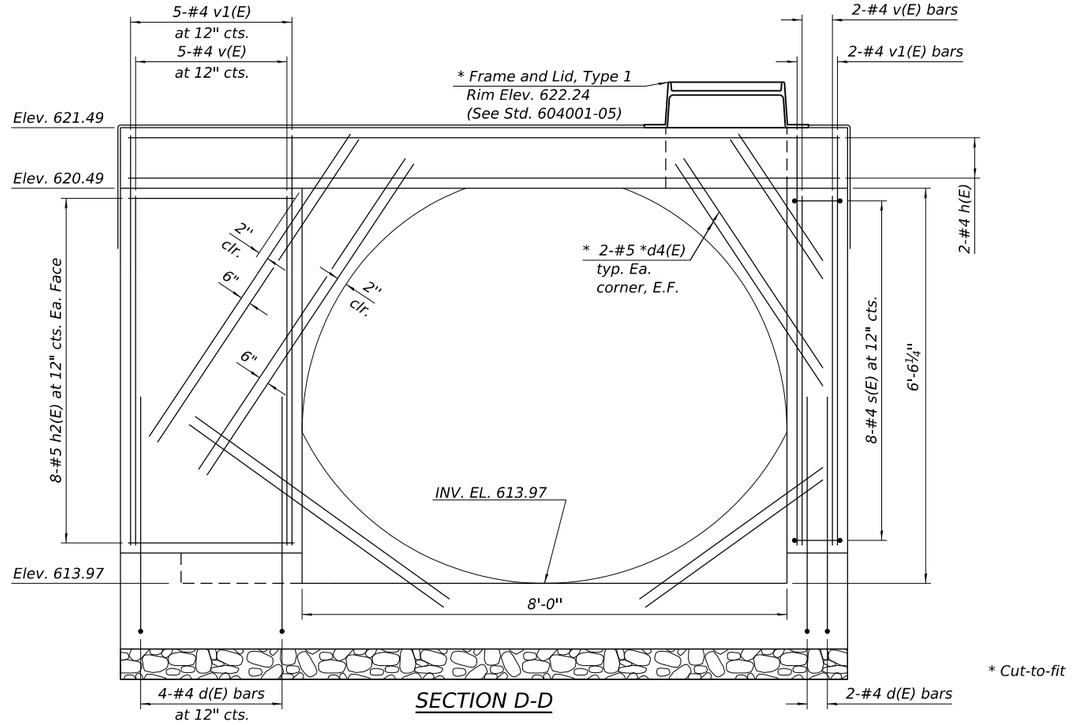
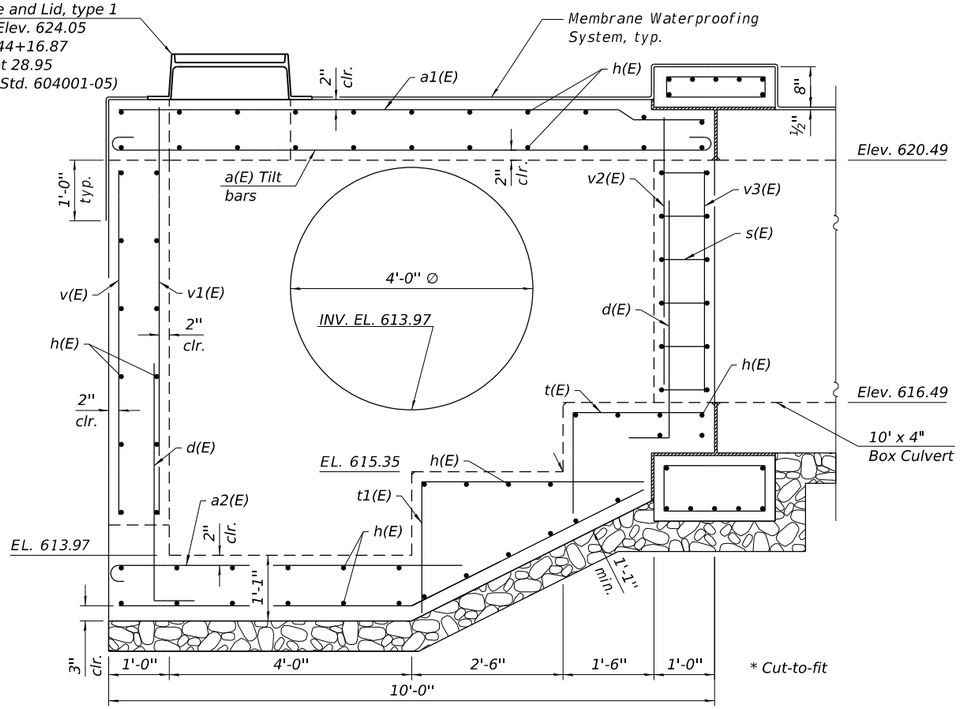


SECTION C-C



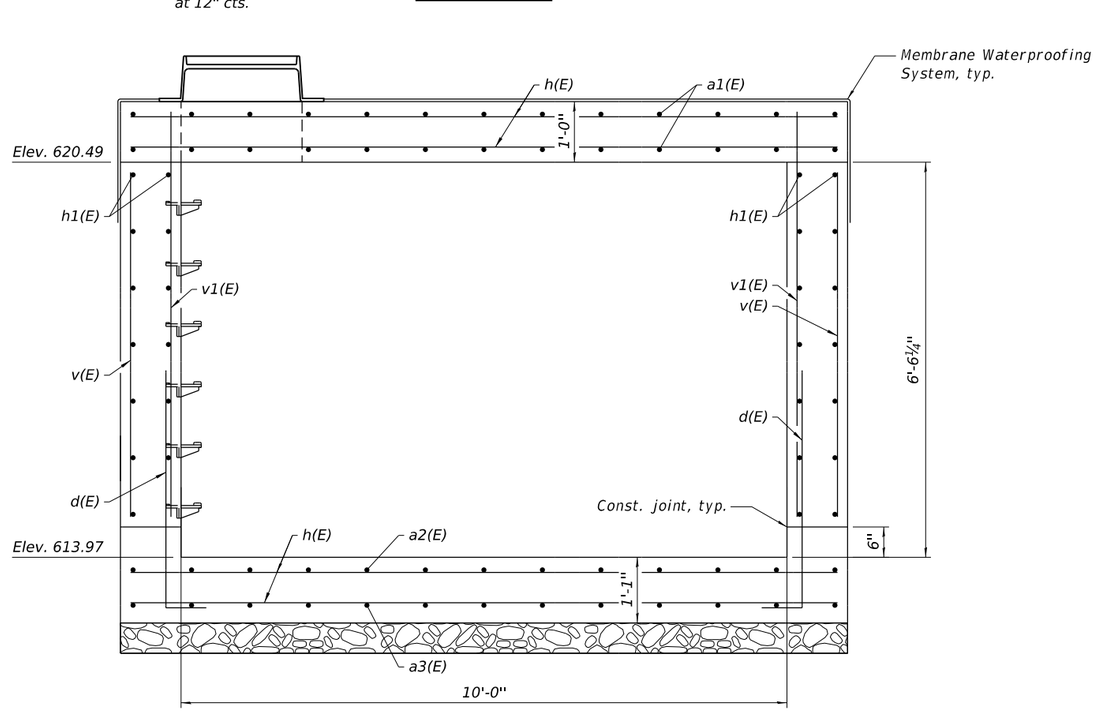
* Cut-to-fit

SECTION D-D



* Cut-to-fit

SECTION E-E



SECTION F-F

Notes:
1. For Bill of Materials and rebar details, see sheet 6 of 6.

STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

USER NAME =	AlexaM	DESIGNED -	MJD	REVISED	-
		CHECKED -	NDR	REVISED	-
PLOT SCALE =	0:2.0000 ':" / in.	DRAWN -	HJT	REVISED	-
PLOT DATE =	7/8/2026	CHECKED -	CJH	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CAST-IN-PLACE JUNCTION BOX DETAILS (3 OF 4)
STRUCTURE NO. XX-XX
SHEET 5 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	95
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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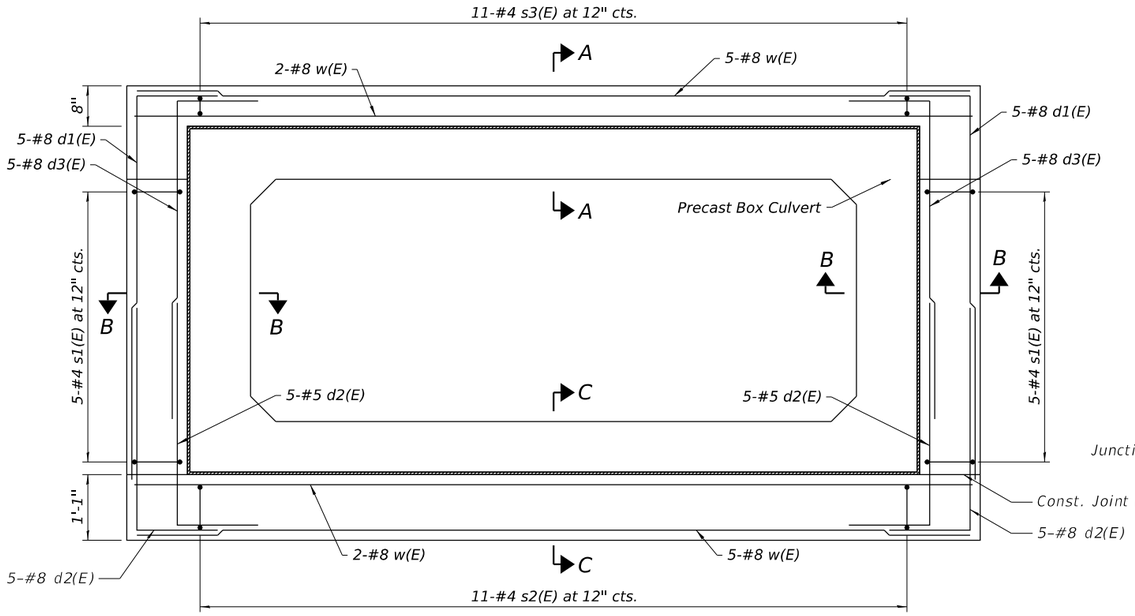
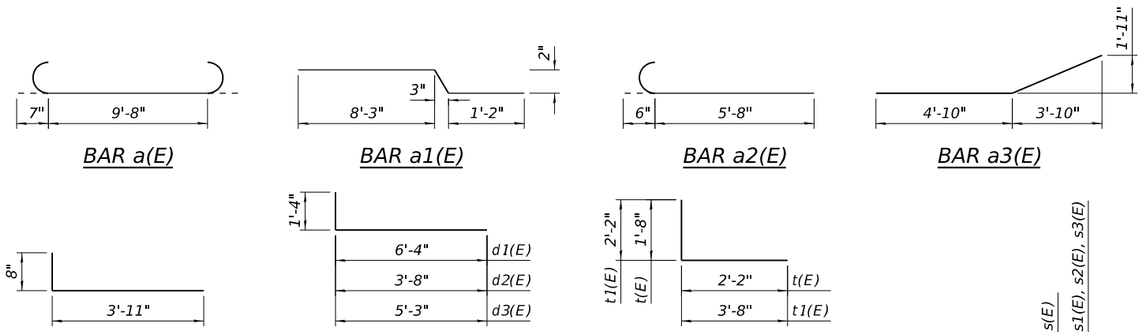
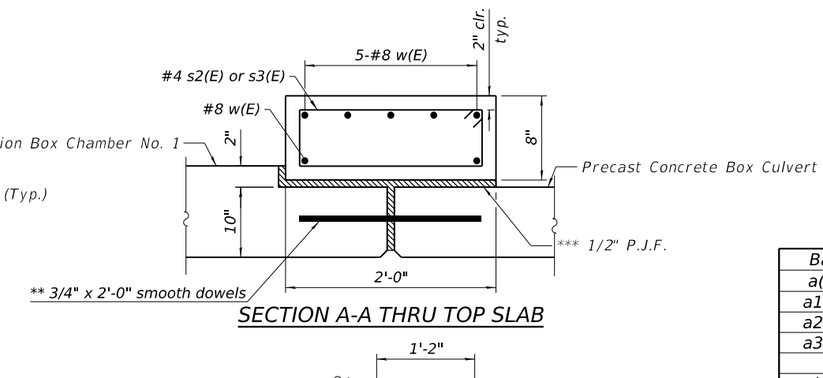
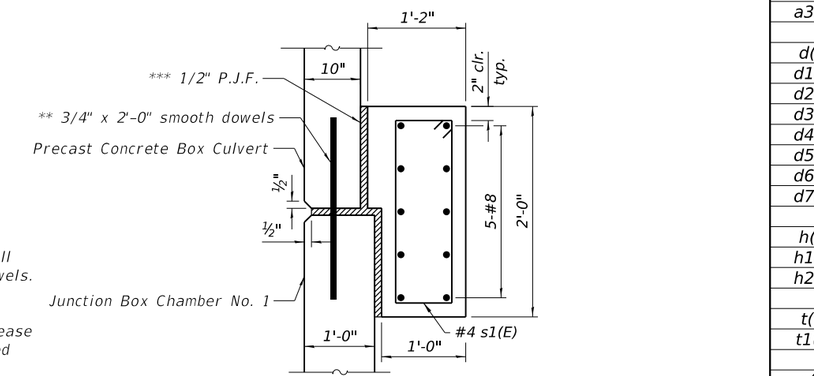


CONCRETE SETTLEMENT COLLAR

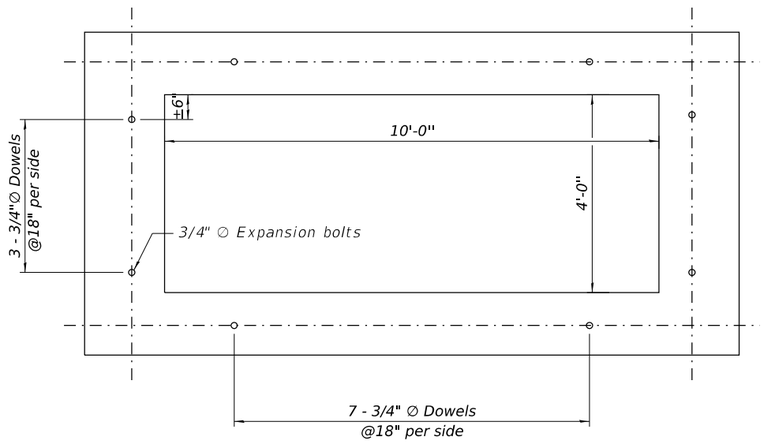




SECTION A-A THRU TOP SLAB

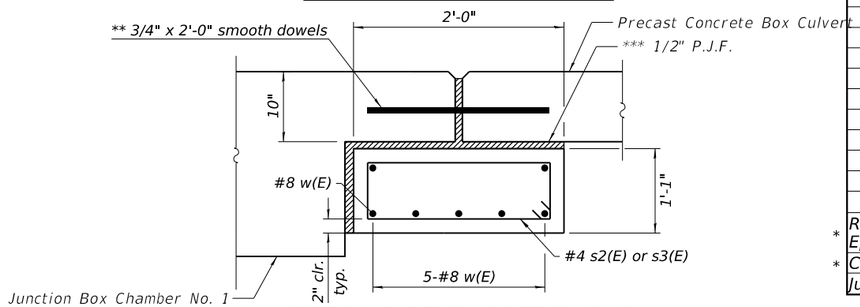


SECTION B-B THRU SIDEWALL



EXPANSION DOWEL LAYOUT

Note: Expansion dowels shall be 3/4"x 2'-0" ∅ smooth dowels. A minimum of 9" into new concrete.
Provide dowel sleeve or grease bar at one end, typ. Included with the cost for Precast Concrete Box Culvert 10'x4'



SECTION C-C THRU BOTTOM SLAB

** Provide dowel sleeve or grease bar at one end, typ.
*** Cost of P.J.F is included with the cost of Junction Chamber No. 1.

BILL OF MATERIALS

Bar	No.	Size	Length	Shape
a(E)	13	#5	10'-10''	
a1(E)	13	#5	9'-8''	
a2(E)	13	#4	6'-2''	
a3(E)	13	#4	9'-1''	
d(E)	39	#4	4'-7''	
d1(E)	10	#8	9'-3''	
d2(E)	10	#8	5'-0''	
d3(E)	20	#8	6'-8''	
d4(E)	24	#5	10'-4''	
d5(E)	16	#5	8'-4''	
d6(E)	16	#5	5'-10''	
d7(E)	16	#5	6'-4''	
h(E)	60	#5	11'-8''	
h1(E)	42	#5	9'-8''	
h2(E)	16	#5	3'-8''	
t(E)	13	#4	3'-10''	
t1(E)	13	#4	5'-10''	
s(E)	18	#4	4'-1''	
s1(E)	10	#4	5'-9''	
s2(E)	5	#4	4'-9''	
s3(E)	5	#4	5'-7''	
w(E)	14	#8	11'-8''	
v(E)	33	#4	5'-8''	
v1(E)	33	#4	6'-8''	
v2(E)	4	#4	4'-6''	
v3(E)	4	#4	3'-8''	
* Reinforcement Bars, Epoxy Coated			Pound	4,020
* Concrete Structures			Cu. Yd.	16
Junction Chamber No. 1			Each	1

* Quantities shown are for estimating purposes only and will not be measured for individual payment. All associated costs with these pay items are included for payment with "Junction Chamber No. 1" and as noted in the special provisions.

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USER NAME = AlexaM		DESIGNED - MJD		REVISED -
		CHECKED - NDR		REVISED -
PLOT SCALE = 0:2.0000 ':" / in.		DRAWN - HJT		REVISED -
PLOT DATE = 7/8/2026		CHECKED - CJH		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CAST-IN-PLACE JUNCTION BOX DETAILS (4 OF 4)
STRUCTURE NO. XX-XX
SHEET 6 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	96
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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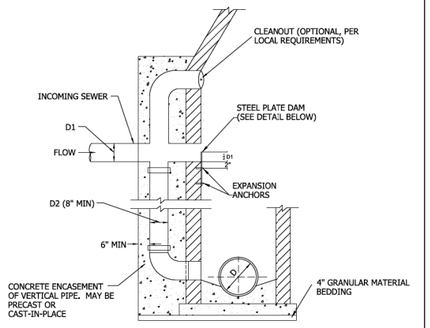
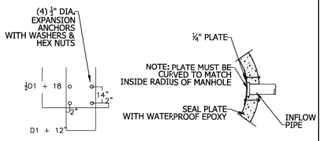


NOTES:
1. REQUIRED FOR 2FT. OR GREATER DROP TO SANITARY OR COMBINED SEWER.
2. MINIMUM WALL THICKNESS IS 6" FOR CAST IN PLACE CONCRETE STRUCTURES AND 1/12 MANHOLE DIAMETER FOR PRECAST CONCRETE STRUCTURES.
3. CONCRETE FOR ENCASEMENT SHALL BE 4,000 PSI @ 28 DAYS.
4. FORCEMAIN FLOW NOT ALLOWED AS INCOMING SEWER, SEE FORCEMAIN DISCHARGE DETAIL.

DIAMETER (INCHES)	
D1	D2
6	8
8	8
10	8
12	8
15	10
18	12
21	15
24	18



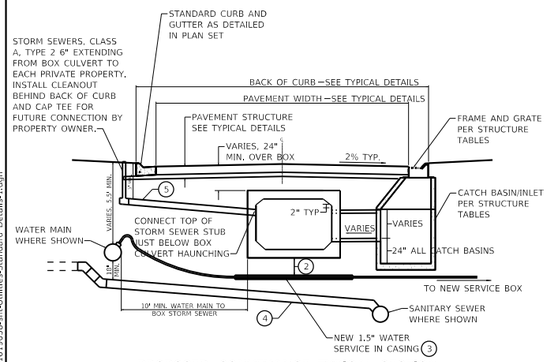
STEEL PLATE DAM

NOTES:
1. PLATE AND FASTENERS MUST BE FABRICATED IN STAINLESS STEEL, DUCTILE IRON, OR EQUIVALENT WATERPROOF/WEATHER PROOF MATERIALS.
2. BOLTS TACK WELDED TO PLATE.
3. ANCHOR EMBEDMENT: 3" MIN.

A
97

NOT TO SCALE

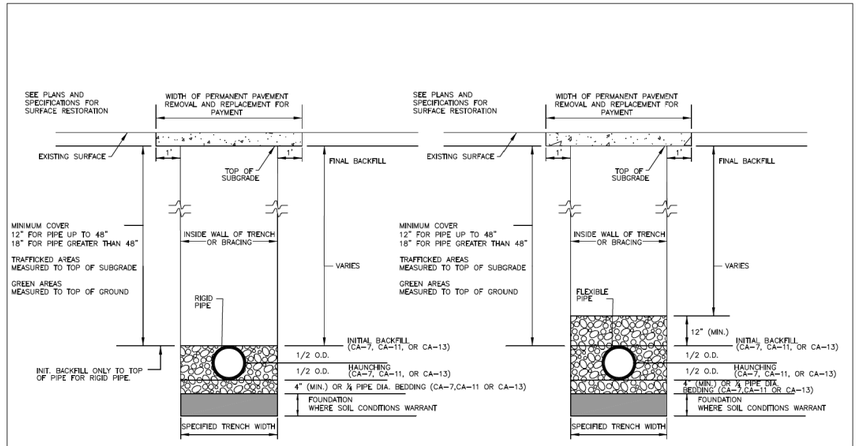
TECHNICAL GUIDANCE MANUAL	7/1/15
TYPICAL DROP MANHOLE CONNECTION	STD. DWG. NO.33
	PAGE NO. 34



PROPOSED CONVEYANCE TYPICAL SECTION

PROPOSED CONVEYANCE TYPICAL SECTION LEGEND

1. ALL DIMENSIONS AND FEATURES ARE TYPICAL UNLESS SHOWN DIFFERENTLY ON DRAWINGS.
2. MINIMUM 12" COVER FOR ALL SERVICES UNDER BOX STORM SEWER. WHERE LESS THAN 12", INSTALL SERVICES IN STEEL CASING EXTENDING 12" BEYOND OUTSIDE WALL OF BOX STORM SEWER. CASING SHALL BE MINIMUM 2" LARGER THAN SERVICE JOINTS.
3. ALL WATER SERVICES UNDER BOX STORM SEWER SHALL BE INSTALLED IN 4" PVC CASING TO 12" BEYOND OUTSIDE WALL OF BOX STORM SEWER. THIS SHALL BE PAID FOR AS "WATER SERVICE - LONG" FROM NEW MAIN TO AND INCLUDING NEW SERVICE BOX.
4. CONTRACTOR SHALL RELOCATE EXISTING SANITARY SEWER SERVICES WHERE IN CONFLICT WITH WATER MAIN OR BOX STORM SEWER. THIS SHALL BE PAID FOR PER LINEAR FOOT OF 6" SANITARY SERVICE TO INCLUDE ALL FITTINGS AND CONNECTIONS TO SANITARY SEWER AS REQUIRED.
5. PRIVATE STORM SEWER STUBS SHALL BE PVC PIPE. CLEANOUT SHALL BE NYLOPAST WATERTIGHT SCREW CAP WITH TOP OF CAP FLUSH TO SURROUNDING GRADE. PAID FOR AS STORM SEWERS, CLASS A, TYPE 2 6".



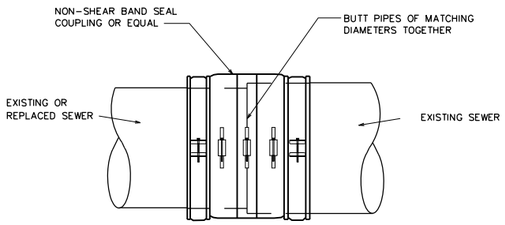
RIGID PIPE INSTALLATION DETAIL

FLEXIBLE PIPE INSTALLATION DETAIL

NOTES:
1. FOR QUALIFIED SEWER CONSTRUCTION ONLY.
2. SHORING, OR EQUIVALENT PROTECTIVE SYSTEM, REQUIRED FOR TRENCHES OF 5' DEPTH OR GREATER, OR AS REQUIRED BY MUNICIPALITY.

NOT TO SCALE

TECHNICAL GUIDANCE MANUAL	11/25/25
RIGID AND FLEXIBLE PIPE INSTALLATION DETAIL FOR SANITARY SEWER	STD. DWG. NO. 34
	PAGE NO. 35



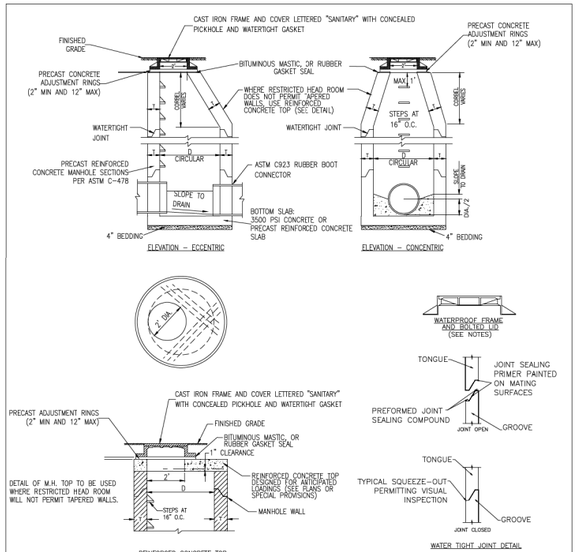
PIPE COUPLINGS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF SEWER INSTALLATION.

NOT TO SCALE

PIPE COUPLING DETAIL

DATE: 2-1-2022

G-3

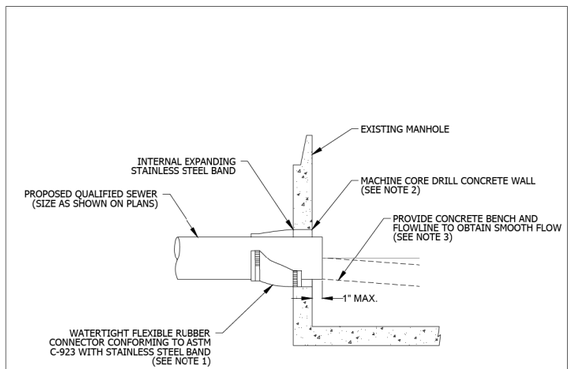


1. MANHOLES TO HAVE PRECAST "RUBBER BOOTS" CONFORMING TO ASTM C-923 AT ALL PIPE CONNECTIONS.
2. ALL SANITARY MANHOLES SHALL BE EQUIPPED WITH CHIMNEY SEALS AND WATER TIGHT BOLTED DOWN MANHOLE COVERS.
3. MASTIC SEALANT OR RUBBER GASKET SEAL MUST BE APPLIED BETWEEN CONCRETE & FLANGE OF FRAME BEFORE LID BOLTS ARE TIGHTENED.
4. SAFETY LANDINGS REQUIRED FOR MANHOLES GREATER THAN 28 FEET DEPTH (RIM TO INVERT). MAXIMUM VERTICAL SPACING OF SAFETY LANDING IS 20 FEET.
5. FOR DROP CONNECTIONS, USE DROP CONNECTION MANHOLE DETAIL.
6. FOR ONLINE CONNECTIONS GREATER THAN 15 INCHES, USE DOGHOUSE MANHOLE DETAIL.

ALT MATERIALS FOR WALLS	D	T (MIN.)
PRECAST REINFORCED CONCRETE SECTION	4 FEET	4 IN
	5 FEET	5 IN
	6 FEET	6 IN
CAST-IN-PLACE CONCRETE	4 FEET	4 IN
	5 FEET	5 IN
	6 FEET	6 IN

NOT TO SCALE

TECHNICAL GUIDANCE MANUAL	08/09/2023
TYPICAL SANITARY MANHOLE "A" AND "B" DETAIL	STD. DWG. NO.39
	PAGE NO. 40



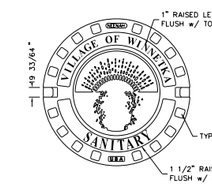
SECTION

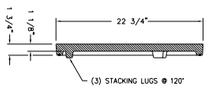
NOTES:
1. RESILIENT CONNECTOR COMPLYING WITH ASTM STANDARD C-923 (MOST RECENT EDITION) SHALL BE USED.
2. MACHINE CORE/DRILL CIRCULAR OPENING IN STRUCTURE WALL. OPENING DIAMETER TO FIT THE REQUIRED RESILIENT CONNECTOR PER MANUFACTURER'S RECOMMENDATION.
3. CUT, SHAPE, AND SLOPE NEW INVERT CHANNEL IN THE EXISTING CONCRETE BENCH FOR SMOOTH FLOW.
4. CLEAN EXISTING STRUCTURE AND SEWER PIPE OF ANY DIRT, CONCRETE, OR DEBRIS WHICH MAY ACCUMULATE DURING THE CONSTRUCTION PROCESS.
5. ANY DAMAGE TO THE EXISTING MANHOLE SHALL BE REPAIRED BY THE CONTRACTOR.
6. REINFORCED CONCRETE COLLAR MAY BE SUBSTITUTED FOR PIPE DIAMETERS LARGER THAN 36-INCHES.

NOT TO SCALE

TECHNICAL GUIDANCE MANUAL	10/02/18
PIPE TO EXISTING MANHOLE CONNECTION DETAIL	STD. DWG. NO. 42
	PAGE NO. 43

SPECIAL LETTERED R-1713 HDSI WATER VAULT, SANITARY AND STORM SEWER MANHOLE COVER





HEAVY DUTY
MATERIAL ASTM A48 CL 35
MACHINED BEARING SURFACE
COVER WT: 125 LBS (56.7 kg)

NOT TO SCALE

STANDARD COVER DETAIL

DATE: 2-1-2022

D-7

STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = AlexaM	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITIES STANDARD DETAILS
SANITARY AND STORM SEWER CONSTRUCTION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	97
		CONTRACT NO. 61M29		
	ILLINOIS	FED. AID PROJECT		

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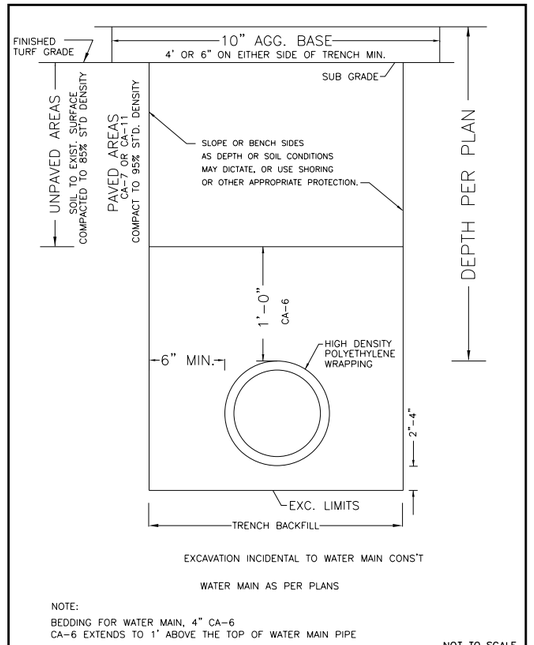
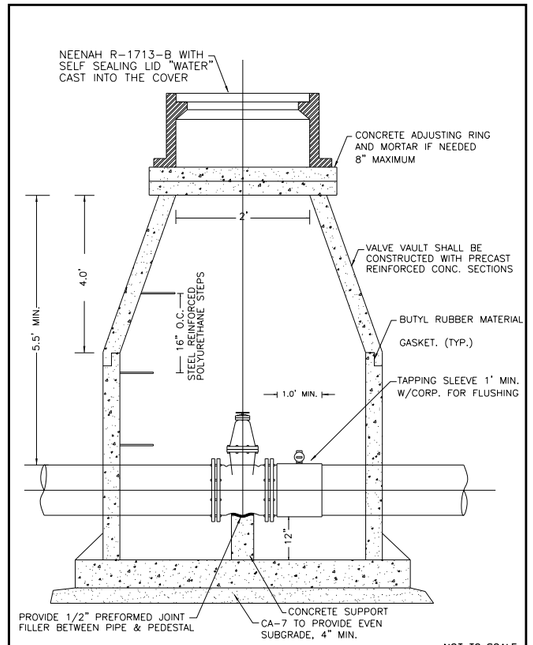


NOTE:
BEDDING FOR WATER MAIN, 4" CA-6
CA-6 EXTENDS TO 1' ABOVE THE TOP OF WATER MAIN PIPE

NOT TO SCALE

WATER MAIN INSTALLATION

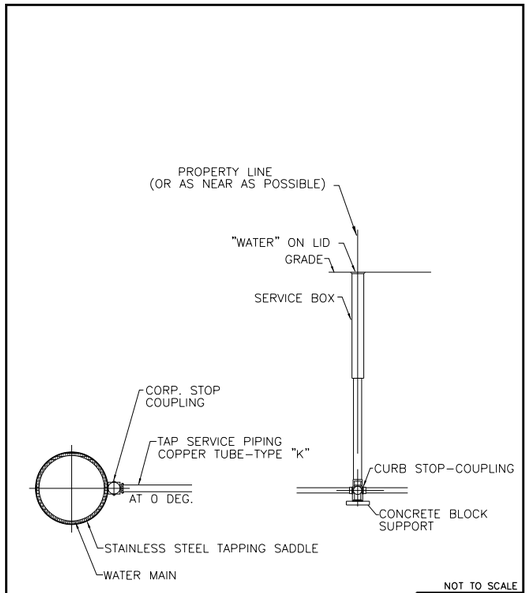
DATE: 1-18-2022



NOT TO SCALE

TYPICAL VALVE VAULT WITH TAPPING SLEEVE W/CORP. FOR FLUSHING

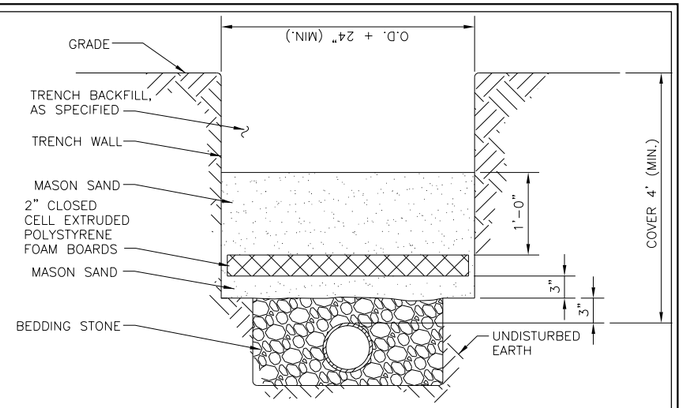
DATE: 1-18-2022



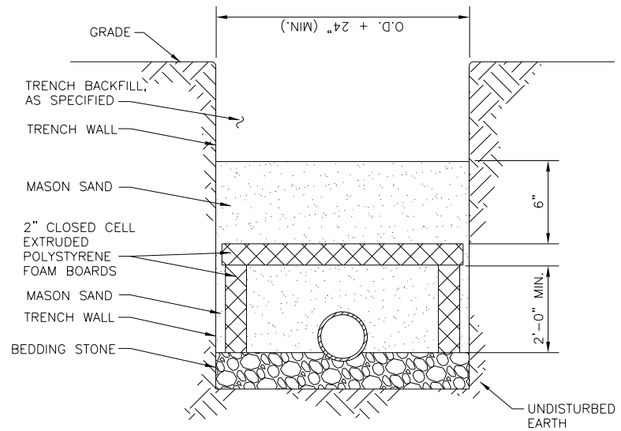
NOT TO SCALE

TYPICAL TAP SERVICE PIPING (COPPER)

DATE: 2-1-2022



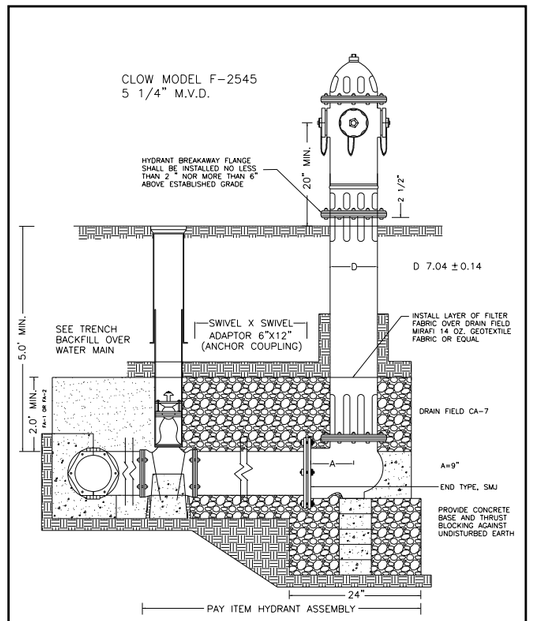
FULL WIDTH INSULATION



INVERTED U INSULATION

NOTE; INSULATION REQUIRED ON ALL PIPES HAVING LESS THAN 5-FT OF COVER.

PIPE INSULATION



NOTE: CONCRETE BASE AND BLOCKING MATERIAL SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN AS SHOWN IN AWWA MANUAL M 17.
USE OF EXTENSION SHALL NOT BE ALLOWED

NOT TO SCALE

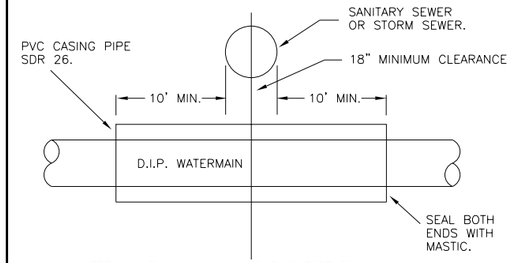
TYPICAL HYDRANT ASSEMBLY

DATE: 2-1-2022

CONFLICTS OCCUR WHERE WATERMAINS PASS WITHIN 18" OVER OR PASS UNDER A SANITARY AND/OR STORM SEWER AND SHALL BE PROVIDED FOR AS FOLLOWS:

SANITARY SEWER CONFLICTS:

PROVIDE WATERMAIN EQUIVALENT PIPE AND JOINTS FOR THE SANITARY SEWER 10 FT. EITHER SIDE OF WATERMAIN CROSSING USING MISSION TYPE COUPLINGS TO MAKE THE TRANSITION BETWEEN THE TWO MATERIALS, OR ENCASE WATERMAIN AS SHOWN BELOW. REGARDLESS OF METHOD, THERE SHALL BE A MINIMUM 18" CLEARANCE BETWEEN TOP OF WATERMAIN AND THE BOTTOM OF THE SANITARY SEWER.



WATERMAIN DIAM.	CASING PIPE DIAM.
6"	12"
8"	15"
10"	18"
12"	18"

STORM SEWER CONFLICTS:

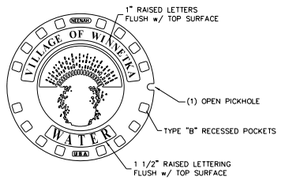
PROVIDE STORM SEWER PIPE WITH O-RING GASKET JOINTS CONFORMING TO ASTM C-361 10 FT. EITHER SIDE OF WATERMAIN CONFLICTS AND PROVIDE A MINIMUM CLEARANCE BETWEEN TOP OF WATERMAIN AND THE BOTTOM OF THE STORM SEWER.

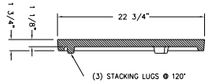
NOT TO SCALE

WATER MAIN VERTICAL SEPARATION

DATE: 1-27-2022

SPECIAL LETTERED R-1713 HDSI WATER VAULT, SANITARY AND STORM SEWER MANHOLE COVER





HEAVY DUTY
MATERIAL ASTM A48 CL 35
MACHINED BEARING SURFACE
COVER WT: 125 LBS (56.7 kg)

NOT TO SCALE

STANDARD COVER DETAIL

DATE: 2-1-2022

D-7

MINIMUM LENGTH TO BE RESTRAINED ON EACH SIDE OF FITTING FOR EACH PIPE SIZE						
FITTING TYPE	16-INCH	12-INCH	10-INCH	8-INCH	6-INCH	NOTES
16" X __" TEE	89'	26'	5'	5'	5'	ALONG BRANCH
12" X __" TEE		52'	18'	5'	5'	ALONG BRANCH
10" X __" TEE			33'	5'	5'	ALONG BRANCH
8" X __" TEE				16'	5'	ALONG BRANCH
16" X 12" REDUCER	70'					ALONG 16"
12" X 10" REDUCER		38'				ALONG 12"
12" X 8" REDUCER		68'				ALONG 12"
12" X 6" REDUCER		92'				ALONG 12"
10" X 8" REDUCER			36'			ALONG 10"
10" X 6" REDUCER			66'			ALONG 10"
8" X 6" REDUCER				38'		ALONG 8"
8" X 4" REDUCER				64'		ALONG 8"
6" X 4" REDUCER					35'	ALONG 6"
HORIZ. BEND 11.25°	4'	4'	3'	3'	2'	EACH DIRECTION
HORIZ. BEND 22.5°	8'	7'	6'	5'	4'	EACH DIRECTION
HORIZ. BEND 45°	17'	13'	11'	10'	7'	EACH DIRECTION
HORIZ. BEND 90°	40'	31'	27'	22'	17'	EACH DIRECTION
VERT. BEND 11.25°	17', 3'	13', 2'	11', 2'	9', 2'	7', 2'	UPPER BEND, LOWER BEND
VERT. BEND 22.5°	33', 6'	26', 4'	22', 4'	18', 3'	14', 3'	UPPER BEND, LOWER BEND
VERT. BEND 45°	68', 11'	53', 9'	45', 7'	37', 6'	28', 5'	UPPER BEND, LOWER BEND
STUB/DEAD END	164'	127'	107'	89'	68'	

GENERAL NOTES:

1. JOINT RESTRAINTS SHALL BE MEGALUG RETAINER GLANDS AS DETAILED IN THE SPECIFICATIONS.
2. RESTRAINED JOINT DEVELOPMENT LENGTHS CALCULATED USING POLY-WRAPPED DUCTILE IRON PIPE, SM SOIL CLASSIFICATION, SAFETY FACTOR OF 2, TYPE 5 TRENCH CONDITIONS, 150 PSI HYDROSTATIC TEST PRESSURE, 5-FT BURY DEPTH, 8-FT LOW SIDE BURY DEPTH, AND MINIMUM 6-FT RUN LENGTH ON EACH SIDE OF THE TEE.

WATER MAIN RESTRAINED JOINT DEVELOPMENT LENGHTS

STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = AlexaM	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

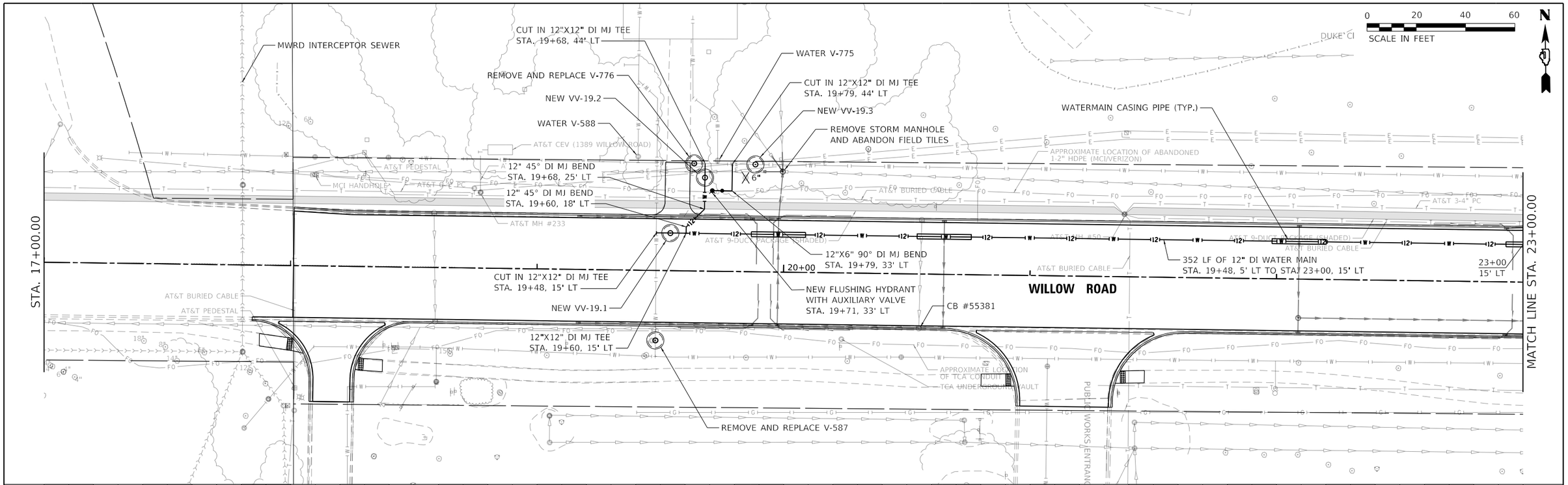
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITIES STANDARD DETAILS
WATER MAIN CONSTRUCTION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	98
		CONTRACT NO. 61M29		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: S:\DOL\1600-1699\1619\05\80\Drawings\C4D\Micro-S\S4\C4D_Sheets\161905S-sht-Utilities-Standard Details-2.dgn

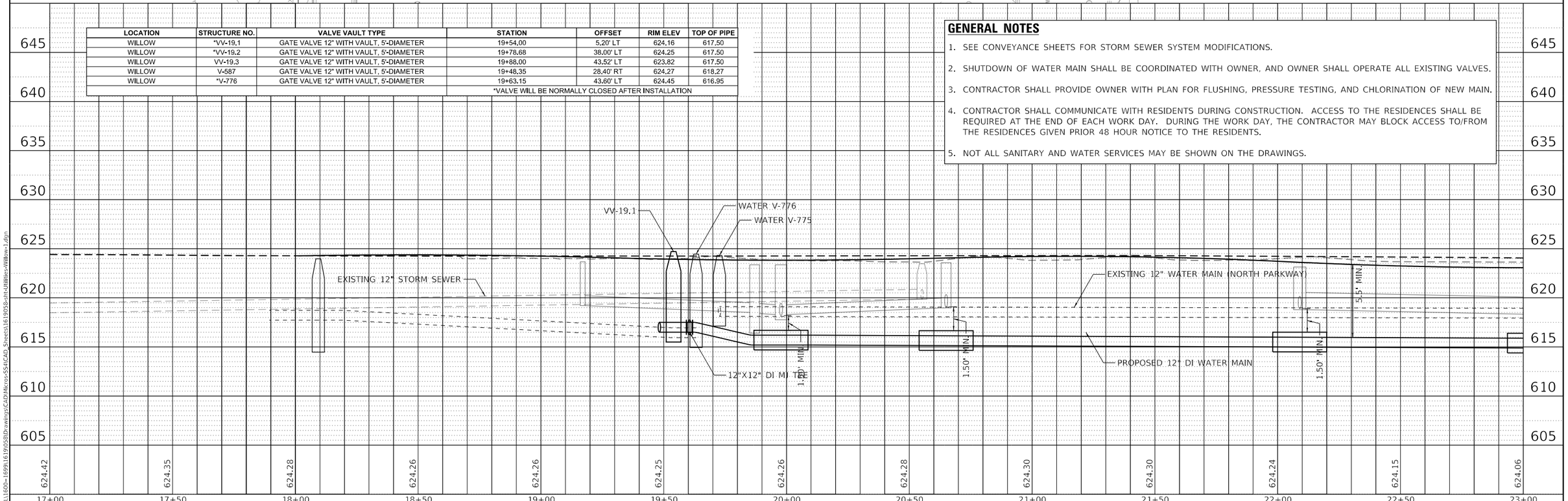


LOCATION	STRUCTURE NO.	VALVE VAULT TYPE	STATION	OFFSET	RIM ELEV	TOP OF PIPE
WILLOW	*VV-19.1	GATE VALVE 12" WITH VAULT, 5'-DIAMETER	19+54.00	5.20' LT	624.16	617.50
WILLOW	*VV-19.2	GATE VALVE 12" WITH VAULT, 5'-DIAMETER	19+78.68	38.00' LT	624.25	617.50
WILLOW	VV-19.3	GATE VALVE 12" WITH VAULT, 5'-DIAMETER	19+88.00	43.52' LT	623.82	617.50
WILLOW	V-587	GATE VALVE 12" WITH VAULT, 5'-DIAMETER	19+48.35	28.40' RT	624.27	618.27
WILLOW	*V-776	GATE VALVE 12" WITH VAULT, 5'-DIAMETER	19+63.15	43.60' LT	624.45	616.95

*VALVE WILL BE NORMALLY CLOSED AFTER INSTALLATION

GENERAL NOTES

1. SEE CONVEYANCE SHEETS FOR STORM SEWER SYSTEM MODIFICATIONS.
2. SHUTDOWN OF WATER MAIN SHALL BE COORDINATED WITH OWNER, AND OWNER SHALL OPERATE ALL EXISTING VALVES.
3. CONTRACTOR SHALL PROVIDE OWNER WITH PLAN FOR FLUSHING, PRESSURE TESTING, AND CHLORINATION OF NEW MAIN.
4. CONTRACTOR SHALL COMMUNICATE WITH RESIDENTS DURING CONSTRUCTION. ACCESS TO THE RESIDENCES SHALL BE REQUIRED AT THE END OF EACH WORK DAY. DURING THE WORK DAY, THE CONTRACTOR MAY BLOCK ACCESS TO/FROM THE RESIDENCES GIVEN PRIOR 48 HOUR NOTICE TO THE RESIDENTS.
5. NOT ALL SANITARY AND WATER SERVICES MAY BE SHOWN ON THE DRAWINGS.



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

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

MODEL: Default
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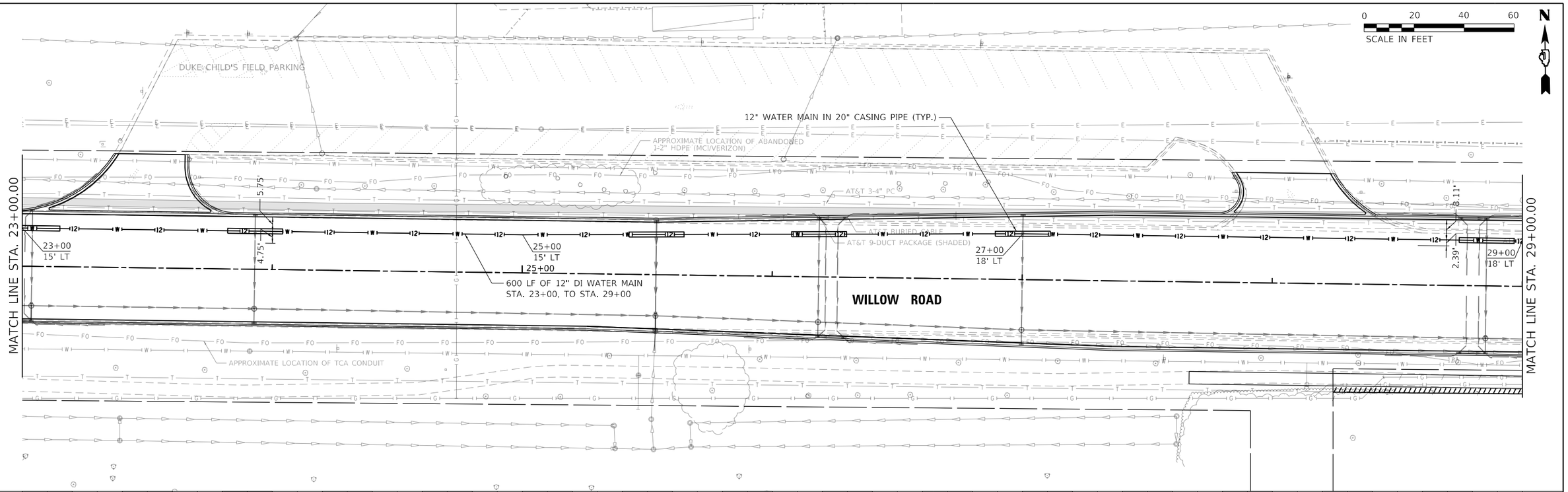
PLOT DATE = 7/8/2026	DATE - 2/27/2026	REVISED -

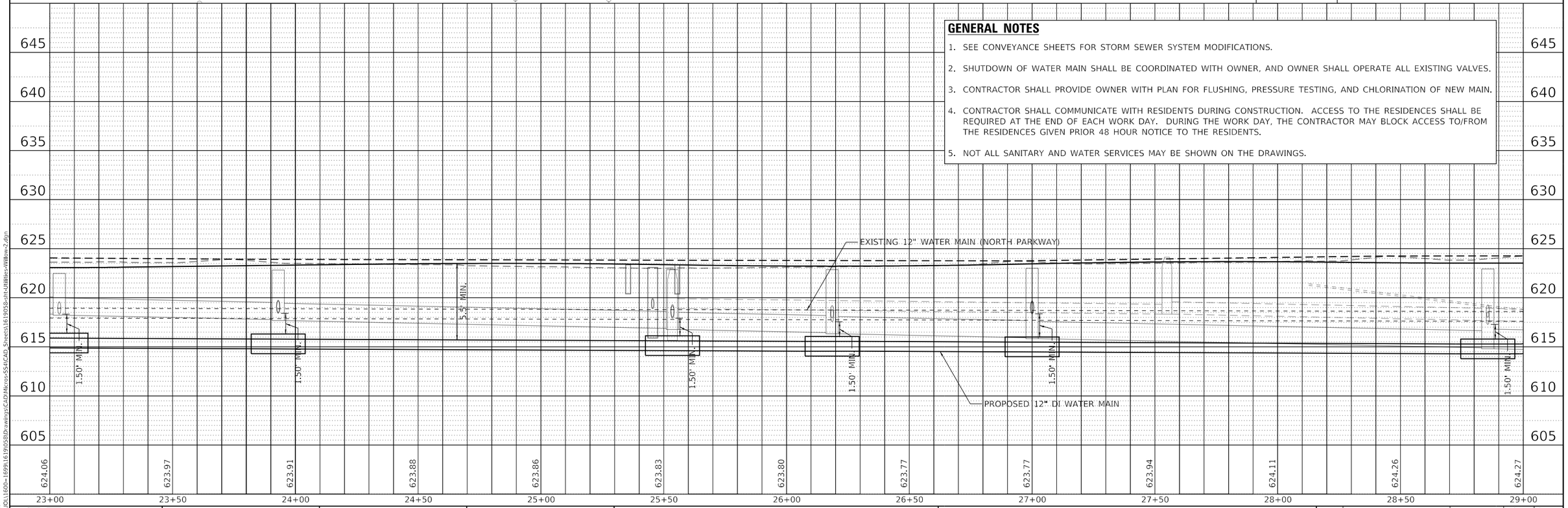
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITIES PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 1 OF 8 SHEETS | STA. 17+00.00 TO STA. 23+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	99
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	





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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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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITIES PLAN AND PROFILE
WILLOW ROAD

SCALE: 1" = 20' | SHEET 2 OF 8 SHEETS | STA. 23+00.00 | TO STA. 29+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	08-00103-00-FP	COOK	254	100
		CONTRACT NO. 61M29		
		ILLINOIS	FED. AID PROJECT	