

FOR INDEX OF SHEETS, SEE SHEET 2 01-19-2024 LETTING ITEM 085

FOR LIST OF APPLICABLE HIGHWAY STANDARDS SEE SHEET 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

MUN ROUTE 2633/2634 (WILKE ROAD)
IL RTE 62 (ALGONQUIN ROAD) TO US RTE 14
ROAD RESURFACING AND BIKE PATH
SECTION NO.: 22-00217-00-RS
PROJECT NO.: V18E(538)
VILLAGE OF ARLINGTON HEIGHTS
COOK COUNTY
C-91-043-23

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2633/2634	22-00217-00-RS	COOK	136	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 61J73		

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE STORMWATER AND DRAINAGE OF SURFACE WATERS MEET THE MINIMUM CRITERIA FOR STORMWATER MANAGEMENT IN ACCORDANCE WITH LOCAL AND COUNTY STANDARDS.

Gary Rozwadowski
GARY ROZWADOWSKI, PE

THERE ARE NO FLOOD PROTECTION AREAS WITHIN 100 FEET OF THE DEVELOPMENT.

Gary Rozwadowski
GARY ROZWADOWSKI, PE

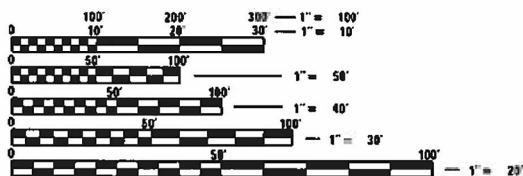
PROJECT LOCATED IN THE VILLAGE OF ARLINGTON HEIGHTS AND THE CITY OF ROLLING MEADOWS

TRAFFIC DATA

NEW WILKE ROAD
DESIGN DESTINATION: MAJOR COLLECTOR
POSTED SPEED = 40 MPH
ADT (YEAR) = 14500 (2022)

EUCLID AVENUE
DESIGN DESTINATION: MINOR ARTERIAL
POSTED SPEED = 30-40 MPH
ADT (YEAR) = 15300 (2022)

CENTRAL ROAD
DESIGN DESTINATION: MINOR ARTERIAL
POSTED SPEED = 40 MPH
ADT (YEAR) = 9500 (2022)



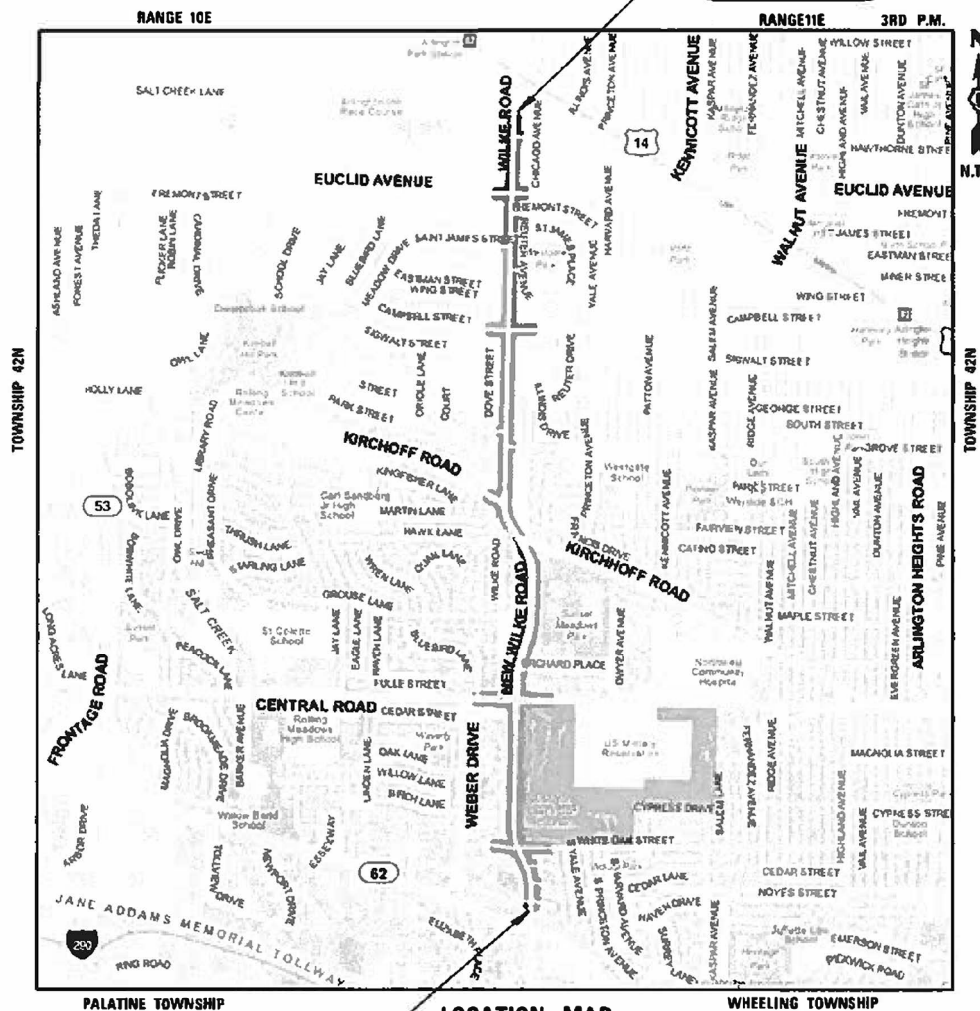
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 61J73

CB CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/25

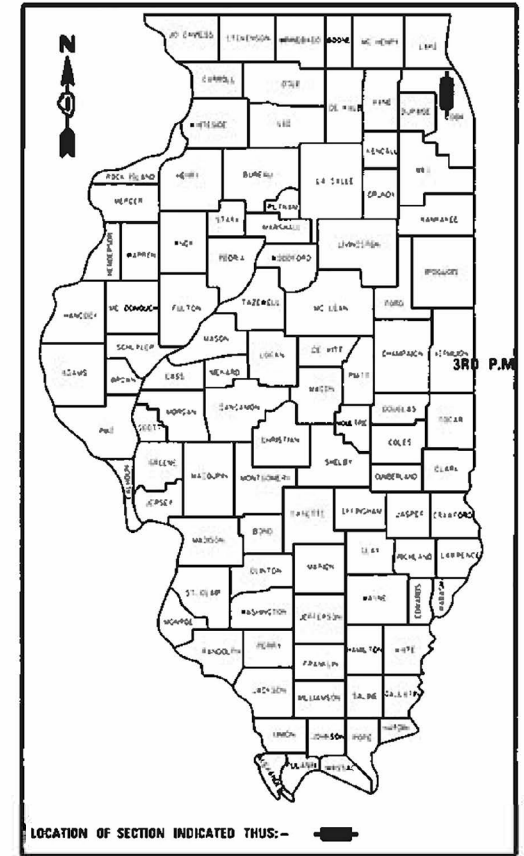


PROJECT BEGINS
STA. 103 + 23.00

PROJECT ENDS
STA. 225 + 90.00

GROSS LENGTH OF PROJECT = 12,267.00 FT (2.32 MILES)
NET LENGTH OF PROJECT = 12,267.00 FT (2.32 MILES)

Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.
☎ (708) 589-4055
✉ WMOJobStart@mwr.org



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED June 7, 2023
[Signature]
VILLAGE ENGINEER, VILLAGE OF ARLINGTON HEIGHTS

APPROVED June 7, 2023
[Signature]
PUBLIC WORKS DIRECTOR, CITY OF ROLLING MEADOWS

PASSED July 17, 23
[Signature]
DISTRICT 1 ENGINEER IN LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW
July 17, 23
[Signature]
REGISTERED ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



Gary Rozwadowski
ENGINEER
GARY ROZWADOWSKI
ILLINOIS REGISTRATION No. 062-051689
EXPIRATION DATE: 11/30/2023

4/26/23
DATE

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, PE SCHAUMBURG, ILLINOIS

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2024; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL, THE ARLINGTON HEIGHTS DESIGN OF PUBLIC IMPROVEMENTS MANUAL, THE CITY OF ROLLING MEADOWS ENGINEERING DETAILS, THE "DETAILS" IN THE PLANS, THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS, THE AMERICANS WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, AND ANY APPLICABLE PERMITS. IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.
- NOTE THAT THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF BOTH ARLINGTON HEIGHTS AND ROLLING MEADOWS. A MUNICIPAL BOUNDARY MAP IS CONTAINED IN THE PROJECTSPECIAL PROVISIONS
- THE OWNER, THE VILLAGE OF ARLINGTON HEIGHTS AND THE CITY OF ROLLING MEADOWS SHALL BE NOTIFIED IN WRITING AT LEAST (3) FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. SPECIAL ATTENTION IS CALLED TO SECTION 105 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.
- BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LINE AND GRADES SHOWN ON THE CONTRACT DRAWINGS. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONTRACT DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY REPORT SAME TO THE OWNER PRIOR TO PERFORMING WORK.
- CURB AND GUTTER REMOVAL AND REPLACEMENT LIMITS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED, AND SHALL BE AS INDICATED ON THE PLANS, ELEVATIONS SHOWN AT POINT OF CURVE, ETC. IS EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- JOB SITE DAILY CLEANUP: THE CONTRACTOR SHALL MAINTAIN A CLEAN WORK AREA AT THE END OF EACH DAY. ALL MATERIALS NOT NEEDED FOR THE CONSTRUCTION PROCESS SHALL BE REMOVED FROM THE WORK AREAS. THIS INCLUDES, BUT IS NOT LIMITED TO: OLD VAULTS, PIPING, OLD CABLES, REMOVED PAVEMENT, WOOD SCRAPS, OLD CURB & GUTTER, PAINT CANS, LITTER, BROKEN TREE BRANCHES, ETC.
- THE SLURRY RESULTING FROM SAW-CUTTING WORK SHALL BE IMMEDIATELY WASHED AWAY USING WATER TO PREVENT TRACKING BY VEHICLES OR PEDESTRIANS.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL COMPLY WITH ALL RULES AND REGULATIONS OF OSHA DURING CONSTRUCTION OF IMPROVEMENTS AND RESTORATION. NEITHER THE VILLAGE NOR ITS APPOINTED ENGINEER SHALL BE RESPONSIBLE FOR THE CONTRACTOR'S COMPLIANCE WITH OSHA.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL LIMIT HIS CONSTRUCTION ACTIVITIES TO THE WORK AREAS DESIGNATED ON THE PLANS. ANY DAMAGE TO AREAS OUTSIDE OF THESE LIMITS SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.
- AT THE END OF EACH DAY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL STREETS ADJACENT TO THE PROJECT ARE FREE OF ALL CONSTRUCTION-RELATED DEBRIS INCLUDING DIRT, STONE, NAILS, ETC. THE WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT EXCEPT FOR PERIODS OF SHORT DURATION AS APPROVED BY THE ENGINEER.

- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAIN, SEWERS, GAS LINES, ETC. AS SHOWN ON THE PLANS, HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL JULIE AT (800) 892-0123 FOR UTILITY LOCATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.
- DRAINAGE: DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION.
- ALL PEDESTRIAN ROUTES CONSTRUCTED SHALL BE ADA COMPLIANT.
- THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ANY EXISTING PAVEMENT OR PARKING LOTS DURING CONSTRUCTION. ANY DAMAGE TO THE EXISTING PAVEMENT CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT-OF-WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

CCDOH GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE COOK COUNTY PERMIT DIVISION, MR. MICHAEL STERR AT (312) 603-1670 AND THE COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAY (CCDOH) DESIGN ENGINEER AT (312) 603-1730 AT LEAST 5 DAYS PRIOR TO BEGINNING CONSTRUCTION.
- DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS ALONG CENTRAL ROAD & EUCLID AVENUE, IT SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO THE LANES OPEN TO TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00 AM TO 3:00 PM BY FOLLOWING THE APPLICABLE IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS FOR DAYTIME OPERATIONS UTILIZING FLAGGERS.
- CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, FIBER CABLES AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUITS, CABLES AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUITS, CABLES AND/OR EQUIPMENT.
- COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS IS NOT PART OF JULIE. FOR LOCATION OF TRAFFIC SIGNAL EQUIPMENT, CONTACT THE MECHANICAL, ELECTRICAL, ARCHITECTURAL AND LANDSCAPING DIVISION AT 312-603-1730.
- DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS ALONG COOK COUNTY HIGHWAYS, TWO-WAY TRAFFIC SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00 A.M. TO 3:00 P.M. FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.
- IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG COOK COUNTY ROADWAYS IS DAMAGED DUE TO CONSTRUCTION OF PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT-DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES, PAVEMENT MARKING AND SIGNAGE INCLUDED IN THE PLANS.
- TRENCH BACKFILL MEETING THE REQUIREMENTS OF ARTICLE 208.02 OF THE IDOT STANDARD SPECIFICATIONS IS REQUIRED FOR ANY OPEN TRENCHES IN COUNTY RIGHT-OF-WAY.
- THE CCDOH PERMIT HAS BEEN PROCESSED. THE CONTRACTOR MUST SUBMIT CONTRACTOR INSURANCE AND BOND TO CCDOH TO FINALIZE AND RECEIVE FINAL PERMIT. CCDOH PERMIT REFERENCE # IS 2023-02171.

COMMITMENTS

- NO COMMITMENTS WERE MADE.

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701501-06	- URBAN LANE CLOSURE, 2L 2W UNDIVIDED
701502-09	- URBAN LANE CLOSURE, 2 LANE, 2 WAY WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	- URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	- URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
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FILE NAME =	USER NAME = jjezierny	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD INDEX OF SHEETS, HIGHWAY STANDARDS, & GENERAL NOTES			M.I.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Arlington Heights\220543\Civi1\NOT.220543.sht	PLOT SCALE = 43'	DRAWN - PM	REVISED -					2134	22-00217-00-RS	COOK	136	2
Default	PLOT DATE = 11/28/2023	CHECKED - GR	REVISED -					CONTRACT NO. 61J73				
		DATE - 11/28/2023	REVISED -					SCALE: 43'	SHEET 1	OF 2 SHEETS	STA.	TO STA.

MWRD GENERAL NOTES

A. REFERENCED SPECIFICATIONS

- 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 (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 - * VILLAGE OF ARLINGTON HEIGHTS AND THE CITY OF ROLLING MEADOWS 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

- 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).
- THE VILLAGE OF ARLINGTON HEIGHTS AND THE CITY OF ROLLING MEADOWS ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- 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

- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- 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.
- 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.
- 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.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- 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

- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- 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.
- 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.
- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
- ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
- ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- 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 18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM D-3034 ASTM F-679	ASTM D-3212 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 4-INCH TO 12-INCH 14-INCH TO 48-INCH	ASTM D-2241 AWWA C900 AWWA C905	ASTM D-3139 ASTM D-3139 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

- ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ 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.
- NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
- 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.
- 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 CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS AND PROPER INSTALLATION OF A SADDLE.
 - REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 - 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.
- WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE 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.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- 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.
- 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.
- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
- 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.
- 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

- THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
- ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
 - 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.
- 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.
- 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.
- 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.
- MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
- 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.
- 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.
- ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
- VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
- EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
- 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- 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.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- 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.

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">NEW WILKE ROAD INDEX OF SHEETS, HIGHWAY STANDARDS, & GENERAL NOTES</p>	M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Arlington Heights\220543\Civil\NOT 2.220543.sht		DRAWN - PM	REVISED -		2134	22-00217-00-RS	COOK	136	3
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -		CONTRACT NO. 61J73				
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -		SCALE: 43'	SHEET 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

CODE NUMBER	ITEM	UNIT	TOTAL	0005 ROADWAY (75% FEDERAL/ 25% LOCAL) - STU	0021 SAFETY (80% FEDERAL/ 20% LOCAL) - CMAQ
Δ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	153		153
Δ 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	346		346
Δ 20101100	TREE TRUNK PROTECTION	EACH	3	3	
Δ 20101200	TREE ROOT PRUNING	EACH	3	3	
20200100	EARTH EXCAVATION	CU YD	395		395
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	520	520	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	520	520	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4000		4000
Δ 25000100	SEEDING, CLASS 1	ACRE	0.8		0.8
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	113		113
Δ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	113		113
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	113		113
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	4000		4000
Δ 25200200	SUPPLEMENTAL WATERING	UNIT	195		195
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	80		80
28000510	INLET FILTERS	EACH	151		151
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	59110	59110	

Δ INDICATES SPECIALTY ITEM
 * CONSTRUCTION CODE 0042

FILE NAME =	USER NAME = nhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD SUMMARY OF QUANTITIES			M.I.L.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Arlington Heights\220543\Civil\SDO 1.20543.sht	DRAWN - PM	REVISED -	2134					22-00217-00-RS	COOK	136	4	
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -		SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.			CONTRACT NO. 61J73				
	PLOT DATE = 10/20/2023	DATE - 10/20/2023	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NUMBER	ITEM	UNIT	TOTAL	0005 ROADWAY (75% FEDERAL/ 25% LOCAL) - STU	0021 SAFETY (80% FEDERAL/ 20% LOCAL) - CMAQ
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	170	170	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	466	466	
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	6092	6092	
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1029	1029	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	7181	7181	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	287		287
42400800	DETECTABLE WARNINGS	SQ FT	465		465
44000100	PAVEMENT REMOVAL	SQ YD	1309	1309	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	24926	24926	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	22809	22809	
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	37284	37284	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	733		733
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7627	7627	
44000600	SIDEWALK REMOVAL	SQ FT	12186		12186
44200966	CLASS B PATCHES, TYPE I, 10 INCH	SQ YD	285	285	
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	570	570	
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	855	855	

▲ INDICATES SPECIALTY ITEM
+ CONSTRUCTION CODE 0042

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
N:\Arlington Heights\220543\Civil\500 1.20543.sht		DRAWN - PM	REVISED -
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -
	PLOT DATE = 10/20/2023	DATE - 10/20/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	5
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

CODE NUMBER	ITEM	UNIT	TOTAL	0005 ROADWAY (75% FEDERAL/ 25% LOCAL) - STU	0021 SAFETY (80% FEDERAL/ 20% LOCAL) - CMAQ
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	1140	1140	
44201298	DOWEL BARS 1 1/4"	EACH	100	100	
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	352	352	
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	704	704	
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	1056	1056	
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	1408	1408	
44201773	CLASS D PATCHES, TYPE I, 11 INCH	SQ YD	308	308	
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	616	616	
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	923	923	
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	1231	1231	
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	88	88	
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	176	176	
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	264	264	
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	352	352	
44213208	TIE BARS 1 1/4"	EACH	100	100	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	25	25	
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6	6	

▲ INDICATES SPECIALTY ITEM
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FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
N:\Arlington Heights\220543\Civil\500 1.20543.sht		DRAWN - PM	REVISED -
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -
	PLOT DATE = 10/20/2023	DATE - 10/20/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
SUMMARY OF QUANTITIES**

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	6
CONTRACT NO. 61J73			ILLINOIS FED. AID PROJECT	

CODE NUMBER	ITEM	UNIT	TOTAL	0005 ROADWAY (75% FEDERAL/ 25% LOCAL) - STU	0021 SAFETY (80% FEDERAL/ 20% LOCAL) - CMAQ
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	90	90	
60404800	FRAMES AND GRATES, TYPE 11	EACH	5	5	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5	5	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5	5	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4074	4074	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4780	4780	
60624600	CORRUGATED MEDIAN	SQ FT	7911	7911	
Δ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	318	318	
Δ 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2	
Δ 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
Δ 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
Δ 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	4	4	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	

Δ INDICATES SPECIALTY ITEM
+ CONSTRUCTION CODE 0042

FILE NAME =	USER NAME = nhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD SUMMARY OF QUANTITIES			M.I.L.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Arlington Heights\220543\C1v1\500 1.20543.sht	DRAWN - PM	REVISED -	2134					22-00217-00-RS	COOK	136	7	
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -		SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.			CONTRACT NO. 61J73				
	PLOT DATE = 10/20/2023	DATE - 10/20/2023	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NUMBER	ITEM	UNIT	TOTAL	0005 ROADWAY (75% FEDERAL/ 25% LOCAL) - STU	0021 SAFETY (80% FEDERAL/ 20% LOCAL) - CMAQ
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	90	90	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5000		5000
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1665		1665
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	60000		60000
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	2000		2000
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1075		1075
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	40000		40000
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5000		5000
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3000		3000
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2000		2000
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	114		114
Δ 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	128		128
Δ 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3		3

Δ INDICATES SPECIALTY ITEM
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FILE NAME = N:\Arlington Heights\220543\Civil\SD0 1.20543.sht	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD SUMMARY OF QUANTITIES	M.I.L.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 43'	DRAWN - PM	REVISED -			2134	22-00217-00-RS	COOK	136	8	
	PLOT DATE = 10/20/2023	CHECKED - GR	REVISED -			SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.					
		DATE - 10/20/2023	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 61J73					

CODE NUMBER	ITEM	UNIT	TOTAL	0005 ROADWAY (75% FEDERAL/ 25% LOCAL) - STU	0021 SAFETY (80% FEDERAL/ 20% LOCAL) - CMAQ
Δ 87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	19		19
Δ 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2770		2770
Δ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1698		1698
Δ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	500		500
Δ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1736		1736
Δ 87900200	DRILL EXISTING HANDHOLE	EACH	11		11
Δ 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8
Δ 88600100	DETECTOR LOOP, TYPE I	FOOT	2062		2062
Δ X8860105	DETECTOR LOOP REPLACEMENT	FOOT	1126		1126
Δ 89502200	MODIFY EXISTING CONTROLLER	EACH	2		2
Δ 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1		1
Δ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1214		1214
Δ 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
Δ 89502376	REBUILD EXISTING HANDHOLE	EACH	4		4
Δ A2002816	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2" CALIPER, BALLED AND BURLAPPED	EACH	12		12
Δ A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	14		14
Δ A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	11		11

Δ INDICATES SPECIALTY ITEM
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N:\Arlington Heights\220543\C1v1\500 1.20543.sht	DRAWN - PM	REVISED -	2134					22-00217-00-RS	COOK	136	9	
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -		CONTRACT NO. 61J73			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/20/2023	DATE - 10/20/2023	REVISED -		SCALE:	SHEET 6 OF 9 SHEETS	STA.	TO STA.				

	CODE NUMBER	ITEM	UNIT	TOTAL	0005 ROADWAY (75% FEDERAL/ 25% LOCAL) - STU	0021 SAFETY (80% FEDERAL/ 20% LOCAL) - CMAQ
Δ	A2005516	TREE, NYSSA SYLVATICA (BLACK TUPELO), 2" CALIPER, BALLED AND BURLAPPED	EACH	5		5
Δ	A2005816	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 2" CALIPER, BALLED AND BURLAPPED	EACH	15		15
Δ	A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	16		16
Δ	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	14		14
Δ	A2006616	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	15		15
Δ	A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	11		11
Δ	A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	13		13
Δ	A2007716	TREE, TAXODIUM DISTICHUM SHAWNEE BRAVE (SHAWNEE BRAVE BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	6		6
Δ	B2002216	TREE, CRATAEGUS VIRDIS WINTER KING (WINTER KING GREEN HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	19		19
Δ	B2006316	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3		3
Δ	C2C019G5	SHRUB, ARONIA MELANOCARPA IROQUOIS BEAUTY (IROQUOIS BEAUTY BLACK CHOKEBERRY), CONTAINER GROWN, 5-GALLON	EACH	66		66
Δ	C2C02324	SHRUB, DIERVILLA LONICERA (BUSH HONEY SUCKLE), 2' HEIGHT, CONTAINER	EACH	82		82
Δ	C2C10930	SHRUB, SYRINGA MEYERI PALIBIN (DWARF KOREAN LILAC), CONTAINER GROWN, 5- GALLON	EACH	51		51
Δ	C2C11752	SHRUB, VIBURNUM DENTATUM CHRISTORS BLUE MUFFIN VIBURNUM), 2' HEIGHT, CONTAINER	EACH	48		48
Δ	D2002088	EVERGREEN, PICEA OMORIKA (SERBIAN SPRUCE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	5		5
Δ	D2C01018	EVERGREEN, JUNIPERUS HORIZONTALIS WILTONII (BLUE RUG JUNIPER), 18" WIDTH, CONTAINER	EACH	28		28
Δ	D2C01118	EVERGREEN, JUNIPERUS PROCUMBENS NANA (DWARF JAPANESE ROCK GARDEN JUNIPER), 18" WIDTH, CONTAINER	EACH	52		52

Δ INDICATES SPECIALTY ITEM
+ CONSTRUCTION CODE 0042

	CODE NUMBER	ITEM	UNIT	TOTAL	0005 ROADWAY (75% FEDERAL/ 25% LOCAL) - STU	0021 SAFETY (80% FEDERAL/ 20% LOCAL) - CMAQ
Δ	K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	33		33
Δ	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	7		7
Δ	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4		4
Δ	X1800024	DECORATIVE STONE	SQ FT	1090	1090	
Δ	X2111224	PLANTING SOIL MIX FURNISH AND PLACE, 24"	SQ YD	1230		1230
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	76	76	
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	18	18	
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	SQ FT	33100		33100
	X4240460	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SPECIAL)	SQ FT	800		800
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	172		172
	X4403700	MEDIAN REMOVAL (SPECIAL)	SQ FT	17291	17291	
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	80	80	
	X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	9463	9463	
Δ	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	16		16
Δ	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	44		44
Δ	XX009281	REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	3		3
Δ	XX009282	REBUILD EXISTING DOUBLE HANDHOLE	EACH	2		2

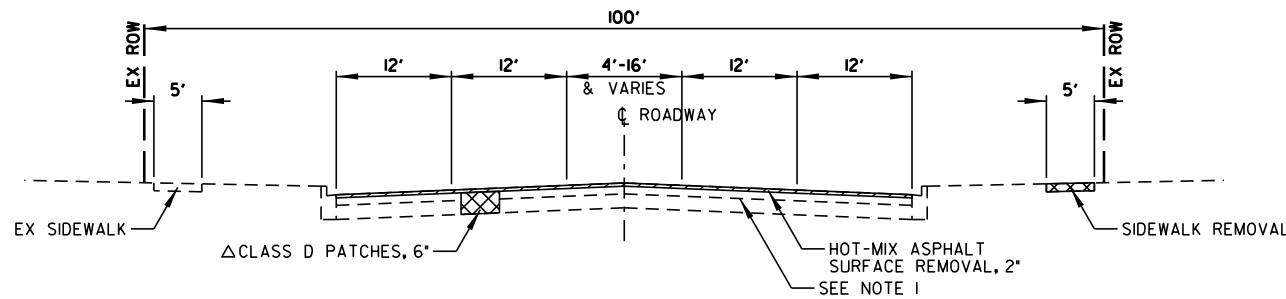
Δ INDICATES SPECIALTY ITEM
+ CONSTRUCTION CODE 0042

FILE NAME =	USER NAME = nhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD SUMMARY OF QUANTITIES			M.I.L.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Arlington Heights\220543\C1v1\500 1.20543.sht	DRAWN - PM	REVISED -	2134					22-00217-00-RS	COOK	136	11	
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -		CONTRACT NO. 61J73							
	PLOT DATE = 10/20/2023	DATE - 10/20/2023	REVISED -		SCALE:	SHEET 8 OF 9 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

CODE NUMBER	ITEM	UNIT	TOTAL	0005 ROADWAY (75% FEDERAL / 25% LOCAL) - STU	0021 SAFETY (80% FEDERAL / 20% LOCAL) - CMAQ
Z0004518	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"	SQ YD	90	90	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	50	50	
Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	10	10	
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	17	17	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	155	155	
Δ Z0073509	PERMANENT TRAFFIC SIGNAL TIMING	EACH	2	2	
+ Z0076600	TRAINEES	HOUR	500	500	
+ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

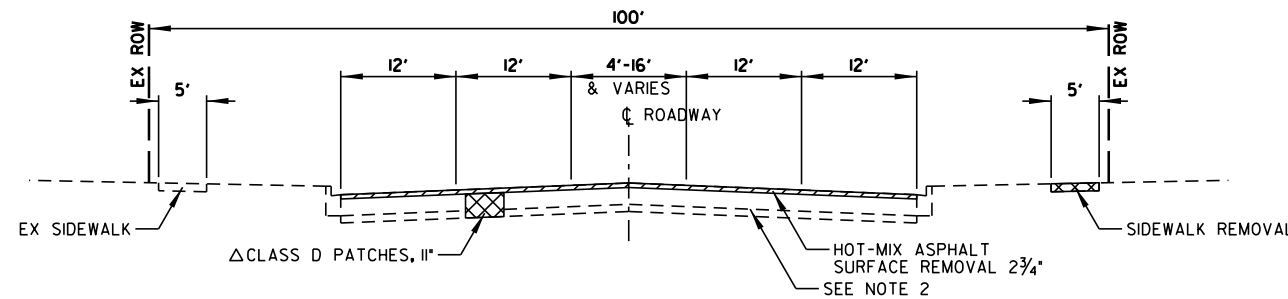
Δ INDICATES SPECIALTY ITEM
+ CONSTRUCTION CODE 0042

FILE NAME =	USER NAME = jjezierny	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD SUMMARY OF QUANTITIES	M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\Arlington Heights\220543\Civil\500 1.20543.sht		DRAWN - PM	REVISED -			2134	22-00217-00-RS	COOK	136	12	
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -			SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.					
	PLOT DATE = 12/4/2023	DATE - 12/4/2023	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 61J73					



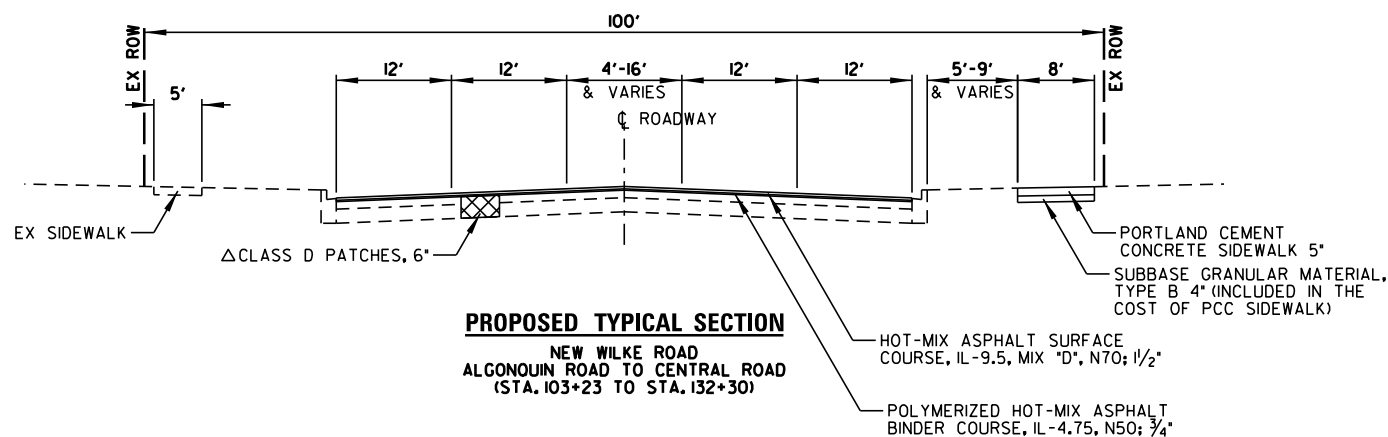
NOTE 1 - EXISTING PAVEMENT CORE;
 5/4"-8 1/2" BITUMINOUS
 7 1/2"-10" CEMENT AGGREGATE MIXTURE

EXISTING TYPICAL SECTION
 NEW WILKE ROAD
 ALGONQUIN ROAD TO CENTRAL ROAD
 (STA. 103+23 TO STA. 132+30)

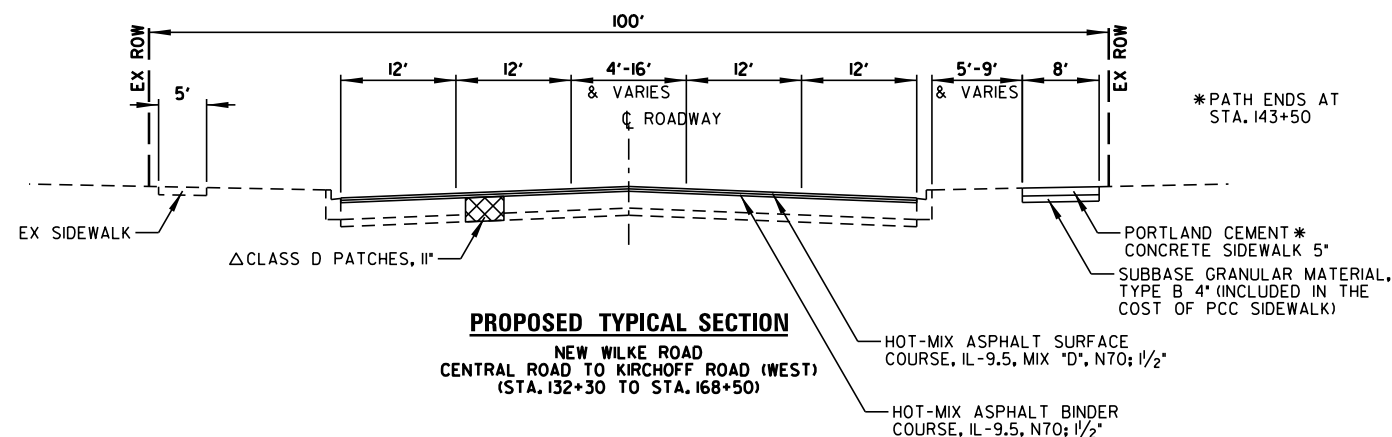


NOTE 2 - EXISTING PAVEMENT CORE;
 12 1/2"-14" BITUMINOUS
 3"-6" AGGREGATE BASE

EXISTING TYPICAL SECTION
 NEW WILKE ROAD
 CENTRAL ROAD TO KIRCHOFF ROAD (WEST)
 (STA. 132+30 TO STA. 168+50)



PROPOSED TYPICAL SECTION
 NEW WILKE ROAD
 ALGONQUIN ROAD TO CENTRAL ROAD
 (STA. 103+23 TO STA. 132+30)



PROPOSED TYPICAL SECTION
 NEW WILKE ROAD
 CENTRAL ROAD TO KIRCHOFF ROAD (WEST)
 (STA. 132+30 TO STA. 168+50)

ΔPAVEMENT PATCHING SHALL BE COMPLETED
 FOLLOWING HMA SURFACE REMOVAL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @NDEN	OMP
NEW WILKE RD - ALGONQUIN RD TO CENTRAL RD (103+23 TO 132+30)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1 1/2"	4% @ 70 GYR	LR 1030 - 2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR	LR 1030 - 2
NEW WILKE RD - CENTRAL RD TO KIRCHOFF RD W (132+30 TO 168+50), EUCLID AVE TO PROJECT LIMIT (214+35 TO 225+90)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1 1/2"	4% @ 70 GYR	LR 1030 - 2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 1 1/2"	4% @ 70 GYR	LR 1030 - 2
NEW WILKE RD - KIRCHOFF RD W TO EUCLID AVE (168+50 TO 214+35)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1 1/2"	4% @ 70 GYR	LR 1030 - 2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"	4% @ 70 GYR	LR 1030 - 2
WHITE OAK ST, KIRCHOFF RD, CAMPBELL ST		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1 1/2"	4% @ 70 GYR	LR 1030 - 2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR	LR 1030 - 2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR 1030 - 2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 3"	4% @ 50 GYR	LR 1030 - 2
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC) PER LR-1030-2		

HOT-MIX ASPHALT MIXTURE NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SOYD/IN.

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.

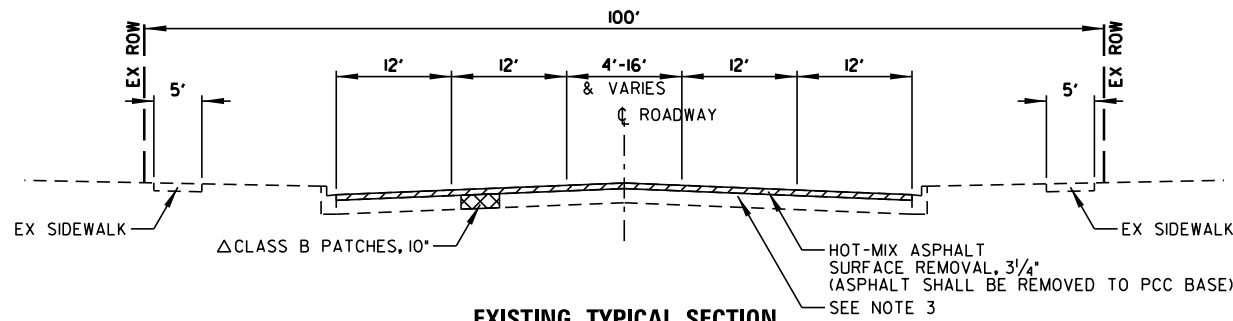
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Default	PLOT SCALE = 28"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
 EXISTING AND PROPOSED TYPICAL SECTIONS

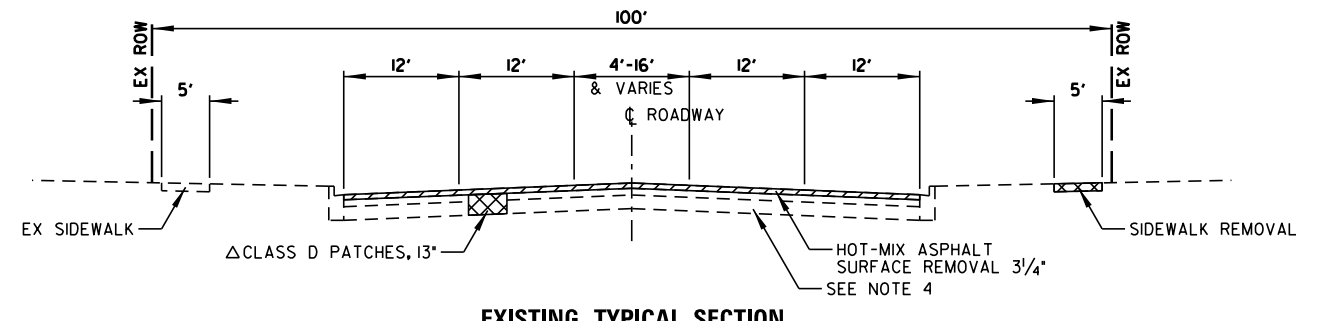
SCALE: 20' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	13
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



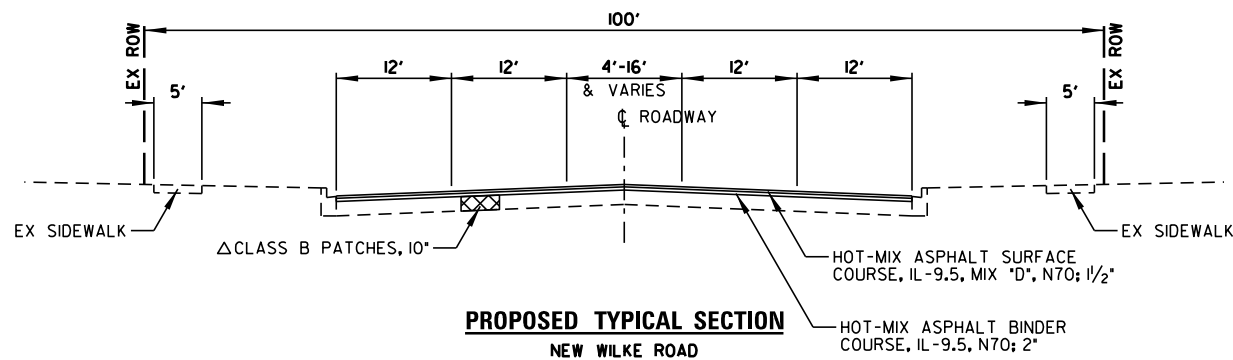
NOTE 3 - EXISTING PAVEMENT CORE;
 2 3/4"-3 1/2" BITUMINOUS
 8"-9 3/4" PCC BASE

EXISTING TYPICAL SECTION
 NEW WILKE ROAD
 KIRCHOFF ROAD (WEST) TO EUCLID AVENUE
 (STA. 168+50 TO STA. 213+50)

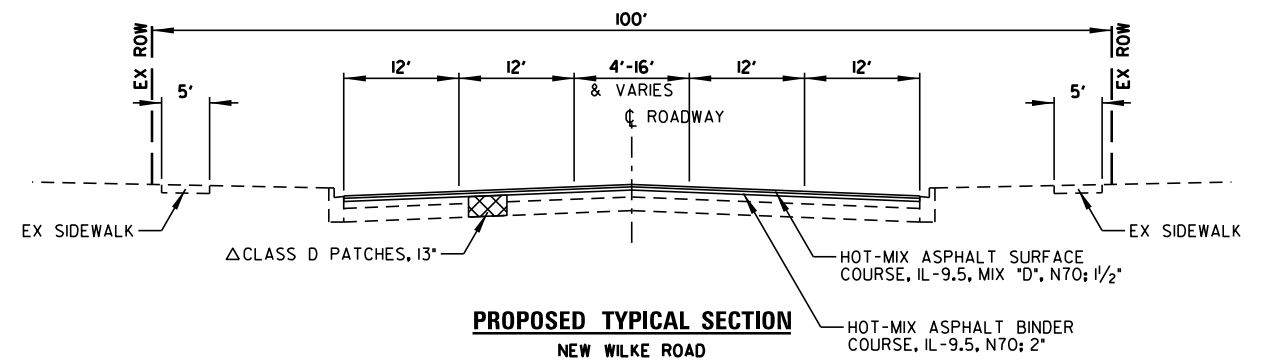


NOTE 4 - EXISTING PAVEMENT CORE;
 7 1/2" BITUMINOUS
 8 1/2" PCC BASE

EXISTING TYPICAL SECTION
 NEW WILKE ROAD
 EUCLID AVENUE TO PROJECT LIMIT
 (STA. 213+50 TO STA. 225+90)



PROPOSED TYPICAL SECTION
 NEW WILKE ROAD
 KIRCHOFF ROAD (WEST) TO EUCLID AVENUE
 (STA. 168+50 TO STA. 213+50)



PROPOSED TYPICAL SECTION
 NEW WILKE ROAD
 EUCLID AVENUE TO PROJECT LIMIT
 (STA. 213+50 TO STA. 225+90)

ΔPAVEMENT PATCHING SHALL BE COMPLETED
 FOLLOWING HMA SURFACE REMOVAL

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
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Default	PLOT SCALE = 28"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
 EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: 20' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	14
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE						
STATION	20200100		EARTH EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	EARTH EXCAVATION					
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	
204+50.00	TO	204+75.00	4.17	3.54	0.00	3.54
204+75.00	TO	205+00.00	5.19	4.41	0.00	4.41
205+00.00	TO	205+25.00	5.88	5.00	0.00	5.00
205+25.00	TO	205+50.00	6.34	5.39	0.00	5.39
205+50.00	TO	205+75.00	6.53	5.55	0.00	5.55
205+75.00	TO	206+00.00	7.27	6.18	0.00	6.18
206+00.00	TO	206+25.00	7.87	6.69	0.00	6.69
206+25.00	TO	206+50.00	9.40	7.99	0.00	7.99
206+50.00	TO	206+75.00	7.64	6.49	0.00	6.49
206+75.00	TO	207+25.00	8.06	6.85	0.00	6.85
207+25.00	TO	207+50.00	5.19	4.41	0.00	4.41
207+50.00	TO	207+75.00	6.30	5.36	0.00	5.36
207+75.00	TO	208+00.00	6.11	5.19	0.00	5.19
208+00.00	TO	208+25.00	6.67	5.67	0.00	5.67
208+25.00	TO	208+50.00	6.48	5.51	0.00	5.51
208+50.00	TO	208+75.00	5.74	4.88	0.00	4.88
208+75.00	TO	209+00.00	6.02	5.12	0.00	5.12
209+00.00	TO	209+25.00	5.42	4.61	0.00	4.61
209+25.00	TO	210+50.00	27.31	23.21	0.00	23.21
210+50.00	TO	210+75.00	7.18	6.10	0.00	6.10
210+75.00	TO	211+00.00	7.36	6.26	0.00	6.26
211+00.00	TO	211+25.00	6.94	5.90	0.00	5.90
211+25.00	TO	211+50.00	6.85	5.82	0.00	5.82
211+50.00	TO	211+75.00	6.76	5.75	0.00	5.75
211+75.00	TO	212+00.00	6.44	5.47	0.00	5.47
212+00.00	TO	212+25.00	6.25	5.31	0.00	5.31
212+25.00	TO	212+50.00	5.83	4.96	0.00	4.96
212+50.00	TO	212+75.00	4.68	3.98	0.09	3.89
212+75.00	TO	213+00.00	3.70	3.15	0.42	2.73
213+00.00	TO	213+25.00	3.10	2.64	0.65	1.99
213+25.00	TO	213+50.00	3.06	2.60	0.65	1.95
213+50.00	TO	213+75.00	3.01	2.56	0.60	1.96
213+75.00	TO	214+00.00	3.66	3.11	0.37	2.74
214+00.00	TO	214+25.00	5.79	4.92	0.09	4.83
214+25.00	TO	214+50.00	7.31	6.21	0.00	6.21
214+50.00	TO	214+75.00	7.59	6.45	0.00	6.45
214+75.00	TO	215+00.00	8.15	6.93	0.00	6.93
215+00.00	TO	215+25.00	8.84	7.51	0.00	7.51
215+25.00	TO	215+50.00	10.14	8.62	0.00	8.62
215+50.00	TO	215+75.00	11.76	10.00	0.00	10.00
215+75.00	TO	216+00.00	13.75	11.69	0.00	11.69
216+00.00	TO	216+25.00	11.20	9.52	0.00	9.52
216+25.00	TO	216+50.00	7.50	6.38	0.00	6.38
216+50.00	TO	216+75.00	6.85	5.82	0.00	5.82
216+75.00	TO	217+00.00	5.56	4.73	0.05	4.68
217+00.00	TO	217+25.00	5.19	4.41	0.09	4.32
217+25.00	TO	217+50.00	4.17	3.54	0.46	3.08
217+50.00	TO	218+25.00	8.89	7.56	3.19	4.37
218+25.00	TO	218+50.00	4.21	3.58	0.65	2.93
218+50.00	TO	218+75.00	6.34	5.39	0.00	5.39
218+75.00	TO	219+00.00	6.76	5.75	0.00	5.75
219+00.00	TO	219+25.00	5.28	4.49	0.05	4.44
219+25.00	TO	219+50.00	4.54	3.86	0.05	3.81
219+50.00	TO	219+75.00	5.23	4.45	0.00	4.45
219+75.00	TO	220+00.00	5.79	4.92	0.00	4.92
220+00.00	TO	220+25.00	5.97	5.07	0.00	5.07
220+25.00	TO	220+50.00	5.93	5.04	0.00	5.04
220+50.00	TO	220+75.00	5.69	4.84	0.00	4.84
220+75.00	TO	221+00.00	5.60	4.76	0.00	4.76
221+00.00	TO	221+25.00	5.19	4.41	0.00	4.41
221+25.00	TO	221+50.00	6.20	5.27	0.00	5.27
221+50.00	TO	221+75.00	5.97	5.07	0.23	4.84
221+75.00	TO	222+00.00	5.97	5.07	0.23	4.84
222+00.00	TO	222+25.00	7.13	6.06	0.00	6.06
222+25.00	TO	222+50.00	5.88	5.00	0.00	5.00
222+50.00	TO	222+75.00	5.23	4.45	0.00	4.45
222+75.00	TO	223+00.00	5.60	4.76	0.00	4.76
223+00.00	TO	223+25.00	5.37	4.56	0.09	4.47
223+25.00	TO	223+50.00	5.79	4.92	0.09	4.83

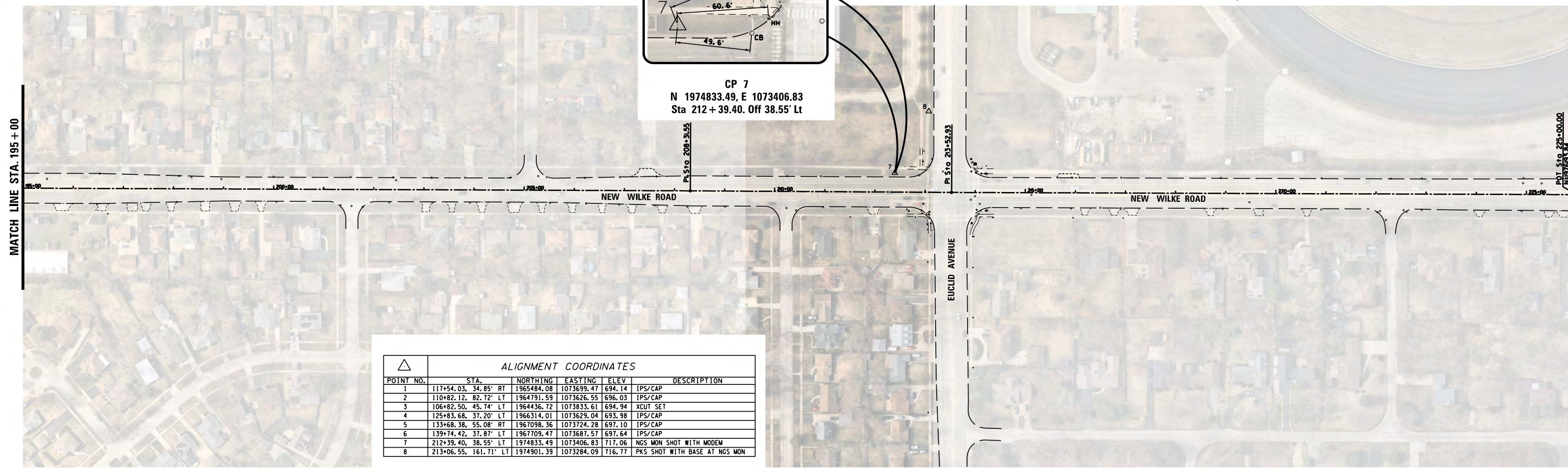
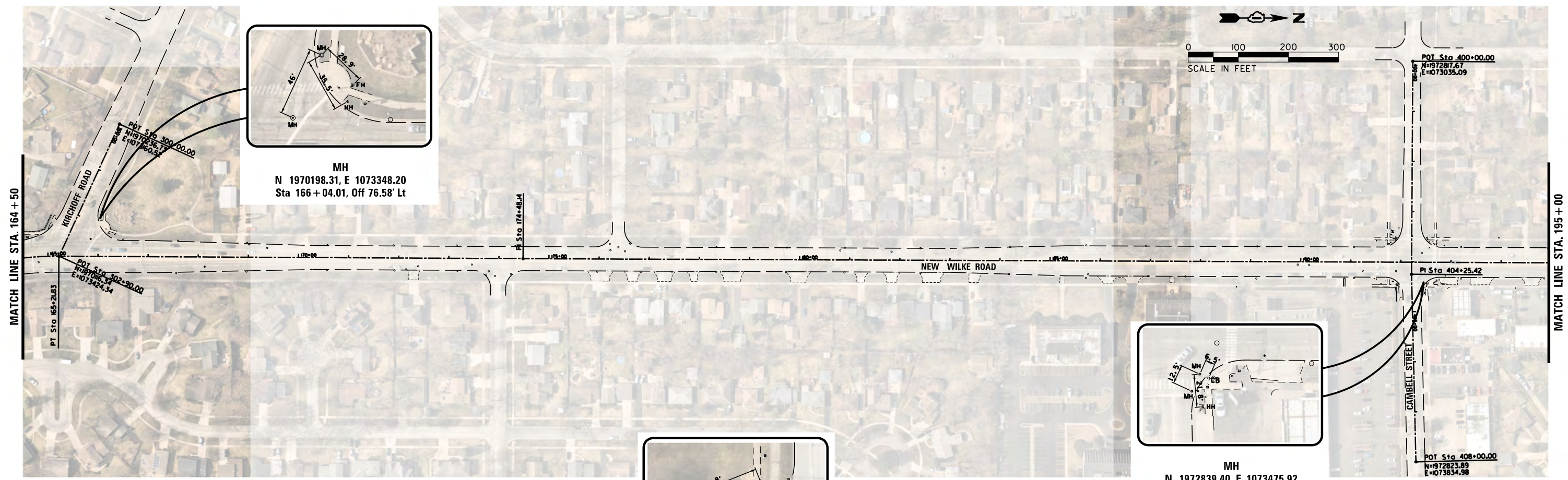
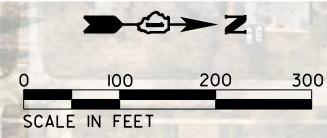
EARTHWORK SCHEDULE						
STATION	20200100		EARTH EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	EARTH EXCAVATION					
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
223+50.00	TO	223+75.00	6.90	5.87	0.00	5.87
223+75.00	TO	224+00.00	7.13	6.06	0.00	6.06
224+00.00	TO	224+25.00	7.08	6.02	0.00	6.02
224+25.00	TO	224+50.00	6.71	5.70	0.00	5.70
224+50.00	TO	224+75.00	6.76	5.75	0.00	5.75
224+75.00	TO	225+00.00	5.88	5.00	0.05	4.95
225+00.00	TO	225+25.00	5.32	4.52	0.05	4.47
225+25.00	TO	225+50.00	6.44	5.47	0.00	5.47
225+50.00	TO	225+75.00	5.83	4.96	0.14	4.82
225+75.00	TO	226+00.00	5.23	4.45	0.14	4.31
226+00.00	TO	226+25.00	6.62	5.63	0.00	5.63
226+25.00	TO	226+50.00	7.92	6.73	0.00	6.73
226+50.00	TO	226+75.00	8.01	6.81	0.00	6.81
226+75.00	TO	227+00.00	7.04	5.98	0.00	5.98
227+00.00	TO	227+25.00	7.27	6.18	0.00	6.18
227+25.00	TO	227+50.00	8.10	6.89	0.00	6.89
227+50.00	TO	227+75.00	8.01	6.81	0.00	6.81
227+75.00	TO	228+00.00	8.56	7.28	0.00	7.28
228+00.00	TO	228+25.00	9.35	7.95	0.00	7.95
228+25.00	TO	228+50.00	9.49	8.07	0.00	8.07
228+50.00	TO	228+75.00	8.94	7.60	0.00	7.60
228+75.00	TO	229+00.00	7.18	6.10	0.00	6.10
229+00.00	TO	229+25.00	6.71	5.70	0.00	5.70
229+25.00	TO	229+50.00	8.38	7.12	0.00	7.12
229+50.00	TO	229+75.00	7.82	6.65	0.00	6.65
229+75.00	TO	230+00.00	5.74	4.88	0.00	4.88
230+00.00	TO	230+25.00	5.79	4.92	0.00	4.92
230+25.00	TO	230+50.00	7.78	6.61	0.00	6.61
230+50.00	TO	230+75.00	9.44	8.02	0.00	8.02
230+75.00	TO	231+00.00	8.66	7.36	0.00	7.36
231+00.00	TO	231+25.00	7.55	6.42	0.00	6.42
231+25.00	TO	231+50.00	7.96	6.77	0.00	6.77
231+50.00	TO	231+75.00	7.31	6.21	0.00	6.21
231+75.00	TO	232+00.00	6.39	5.43	0.00	5.43
232+00.00	TO	232+25.00	6.44	5.47	0.00	5.47
232+25.00	TO	232+50.00	5.56	4.73	0.09	4.64
232+50.00	TO	233+75.00	22.92	19.48	0.46	19.02
233+75.00	TO	234+00.00	5.14	4.37	0.00	4.37
234+00.00	TO	234+25.00	5.56	4.73	0.00	4.73
234+25.00	TO	234+50.00	5.28	4.49	0.00	4.49
234+50.00	TO	234+73.18	5.28	4.49	0.00	4.49
234+73.18	TO	235+00.00	5.71	4.85	0.00	4.85
235+00.00	TO	235+25.00	5.42	4.61	0.00	4.61
235+25.00	TO	235+50.00	4.81	4.09	0.00	4.09
235+50.00	TO	235+75.00	3.66	3.11	0.00	3.11
235+75.00	TO	236+00.00	4.26	3.62	0.00	3.62
236+00.00	TO	236+25.00	5.05	4.29	0.00	4.29
236+25.00	TO	236+50.00	5.32	4.52	0.00	4.52
236+50.00	TO	236+75.00	5.65	4.80	0.00	4.80
236+75.00	TO	237+00.00	5.74	4.88	0.00	4.88
237+00.00	TO	237+25.00	6.16	5.24	0.00	5.24
237+25.00	TO	238+25.00	25.00	21.25	0.00	21.25
238+25.00	TO	238+50.00	4.44	3.77	0.00	3.77
238+50.00	TO	238+75.00	3.94	3.35	0.00	3.35
238+75.00	TO	239+00.00	5.09	4.33	0.00	4.33
239+00.00	TO	239+25.00	5.00	4.25	0.00	4.25
239+25.00	TO	239+50.00	4.17	3.54	0.00	3.54
239+50.00	TO	239+75.00	3.84	3.26	0.00	3.26
239+75.00	TO	240+00.00	4.12	3.50	0.00	3.50
240+00.00	TO	240+25.00	5.05	4.29	0.00	4.29
240+25.00	TO	240+50.00	5.65	4.80	0.00	4.80
240+50.00	TO	240+75.00	5.42	4.61	0.00	4.61
240+75.00	TO	241+00.00	5.00	4.25	0.00	4.25
241+00.00	TO	241+25.00	4.35	3.70	0.09	3.61
241+25.00	TO	241+50.00	3.80	3.23	0.46	2.77
241+50.00	TO	241+75.00	4.44	3.77	0.37	3.40
241+75.00	TO	242+00.00	5.28	4.49	0.00	4.49
242+00.00	TO	242+50.00	2.69	2.29	0.05	2.24

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N:\Ar\linton Heights\220543\Civil\CUTFILL_220543.sht		DRAWN - PM	REVISED -
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -
	PLOT DATE = 11/28/2023	DATE - 11/28/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TOTAL		915	778	10	768
NEW WILKE ROAD		EARTHWORK SCHEDULE			
SCALE: 43'	SHEET 1	OF 1	SHEETS	STA.	TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	15
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



ALIGNMENT COORDINATES						
POINT NO.	STA.		NORTHING	EASTING	ELEV.	DESCRIPTION
1	117+54.03	34.85' RT	1965484.08	1073699.47	694.14	IPS/CAP
2	110+82.12	82.72' LT	1964791.59	1073626.55	696.03	IPS/CAP
3	106+82.50	45.74' LT	1964436.72	1073833.61	694.94	XCUT SET
4	125+83.68	37.20' LT	1966314.01	1073629.04	693.98	IPS/CAP
5	133+68.38	55.08' RT	1967098.36	1073724.28	697.10	IPS/CAP
6	139+74.42	37.87' LT	1967709.47	1073687.57	697.64	IPS/CAP
7	212+39.40	38.55' LT	1974833.49	1073406.83	717.06	NGS MON SHOT WITH MODEM
8	213+06.55	161.71' LT	1974901.39	1073284.09	716.77	PKS SHOT WITH BASE AT NGS MON

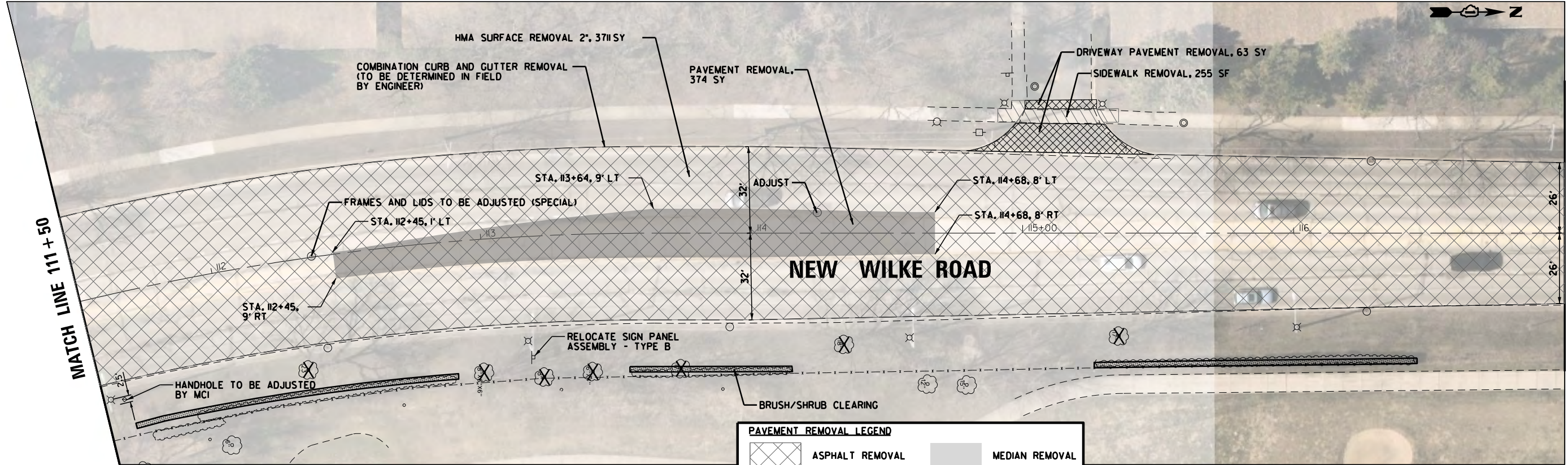
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Default	PLOT SCALE = 200'	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 200' SHEET OF SHEETS STA. TO STA.

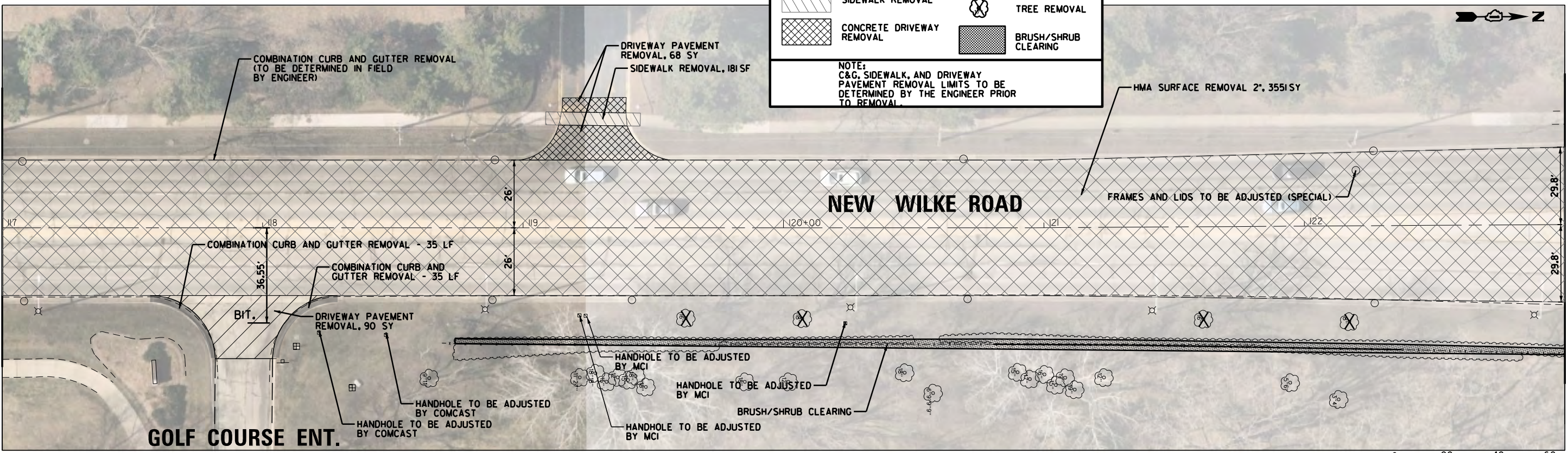
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	17
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



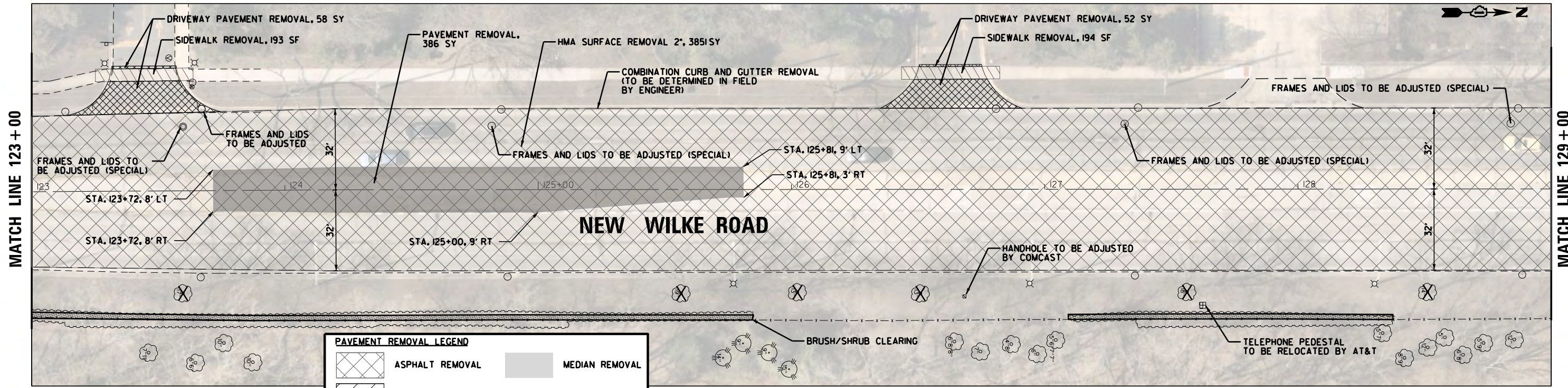
PAVEMENT REMOVAL LEGEND

	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



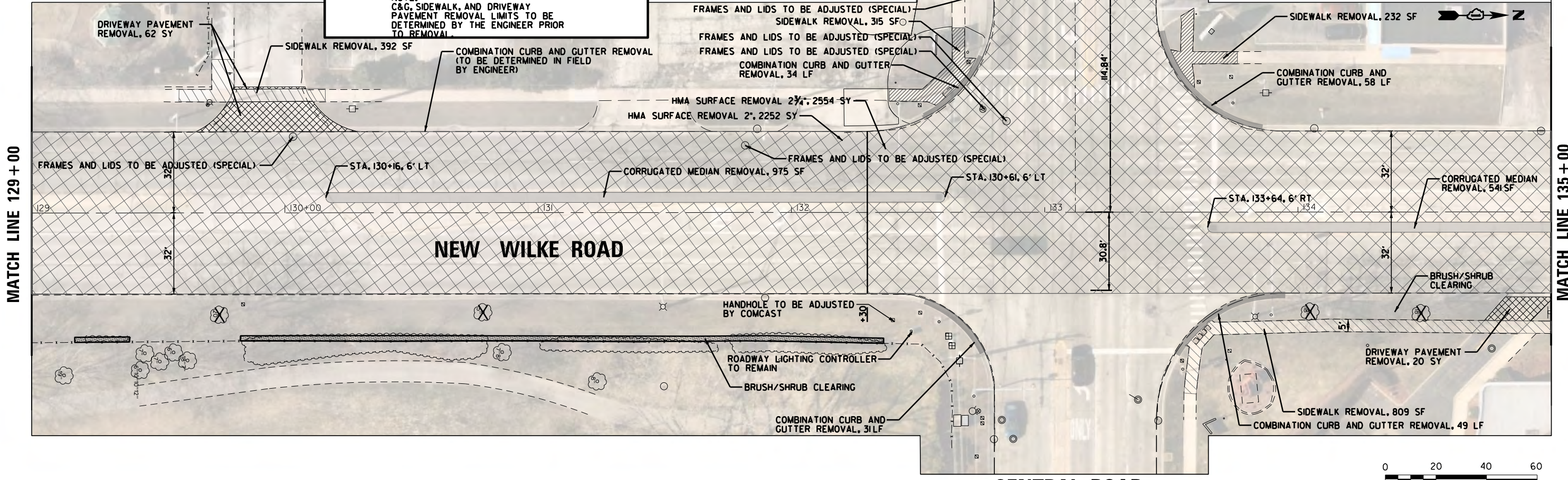
FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD REMOVAL PLAN			M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\Arlington Heights\220543\Civil\220543	REM_NW_02.sht	DRAWN - PM	REVISED -		SCALE: 40'	SHEET	OF	SHEETS	STA.	TO	STA.	2134	19
Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -									CONTRACT NO. 6IJ73	
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -									ILLINOIS FED. AID PROJECT	



PAVEMENT REMOVAL LEGEND

	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



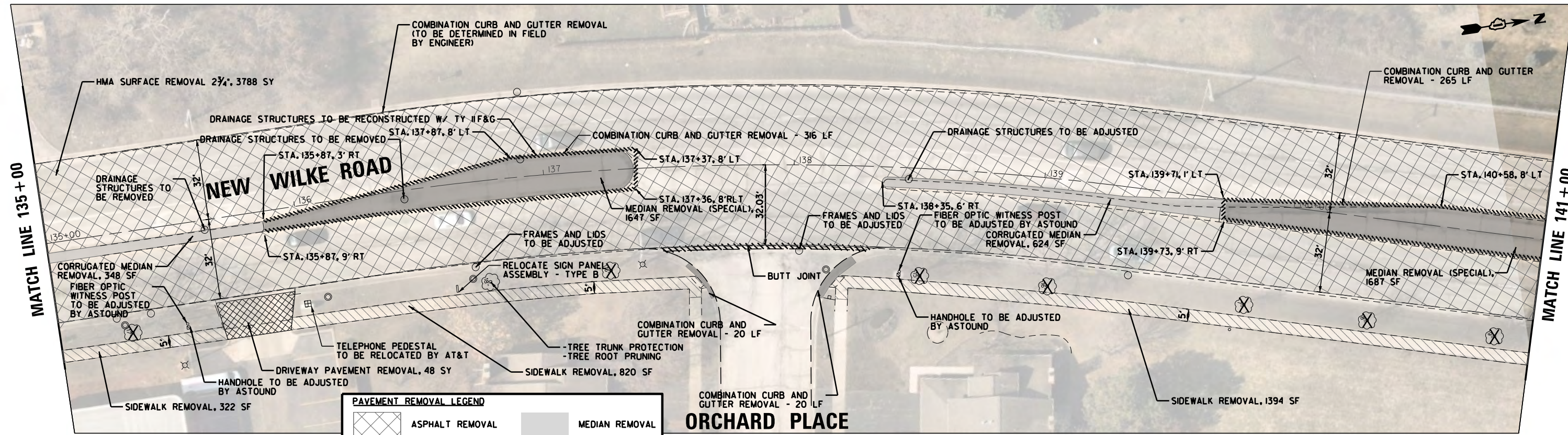
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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
REMOVAL PLAN**

SCALE: 40' SHEET OF SHEETS STA. TO STA.

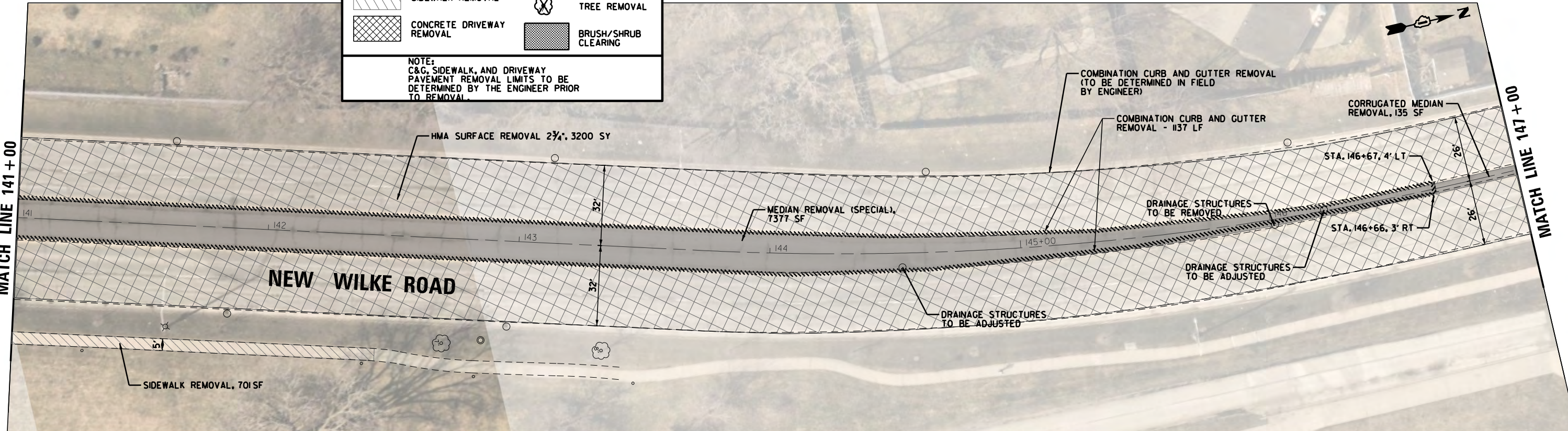
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	20
CONTRACT NO. 6IJ73				
ILLINOIS FED. AID PROJECT				



PAVEMENT REMOVAL LEGEND

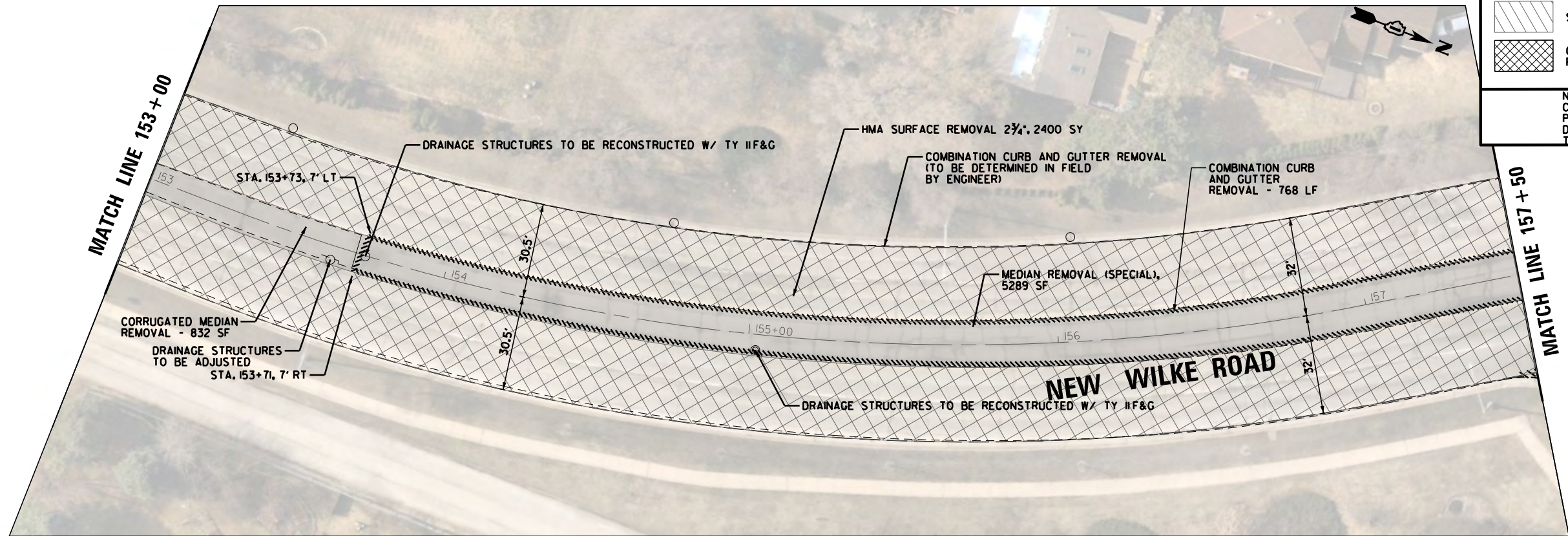
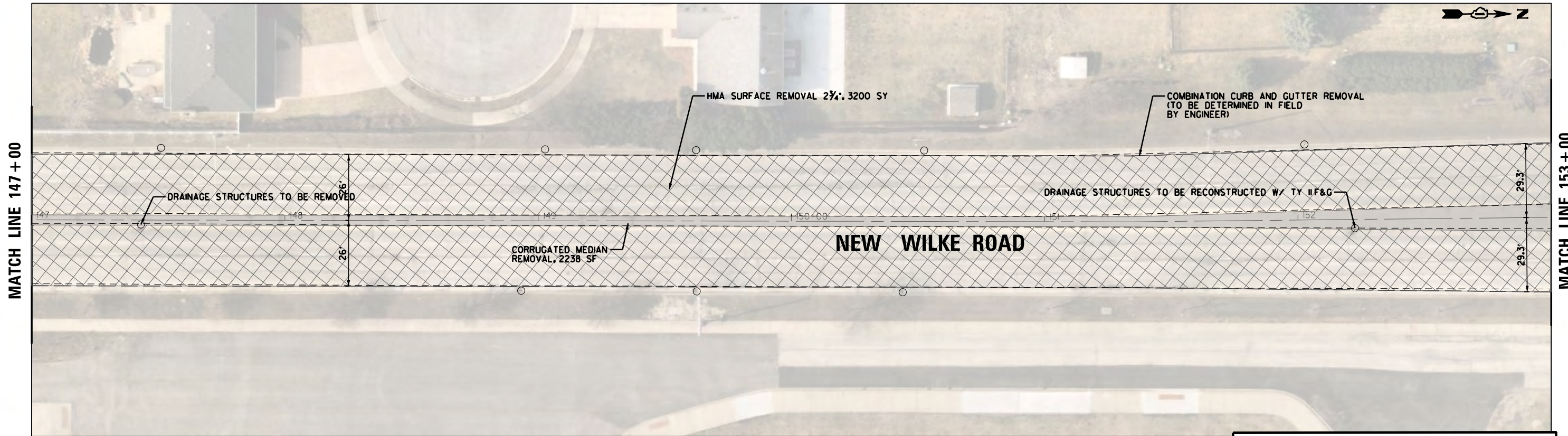
	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



FILE NAME = N:\Arlington Heights\220543\Civil\220543	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD REMOVAL PLAN			M.U.N. RTE. 2134	SECTION 22-00217-00-RS	COUNTY COOK	TOTAL SHEETS 136	SHEET NO. 21	
Default	REM_NW_04.sht	DRAWN - PM	REVISED -		SCALE: 40'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 61J73	
	PLOT SCALE = 48"	CHECKED - GR	REVISED -										
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -										

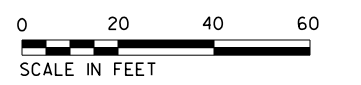
ILLINOIS FED. AID PROJECT



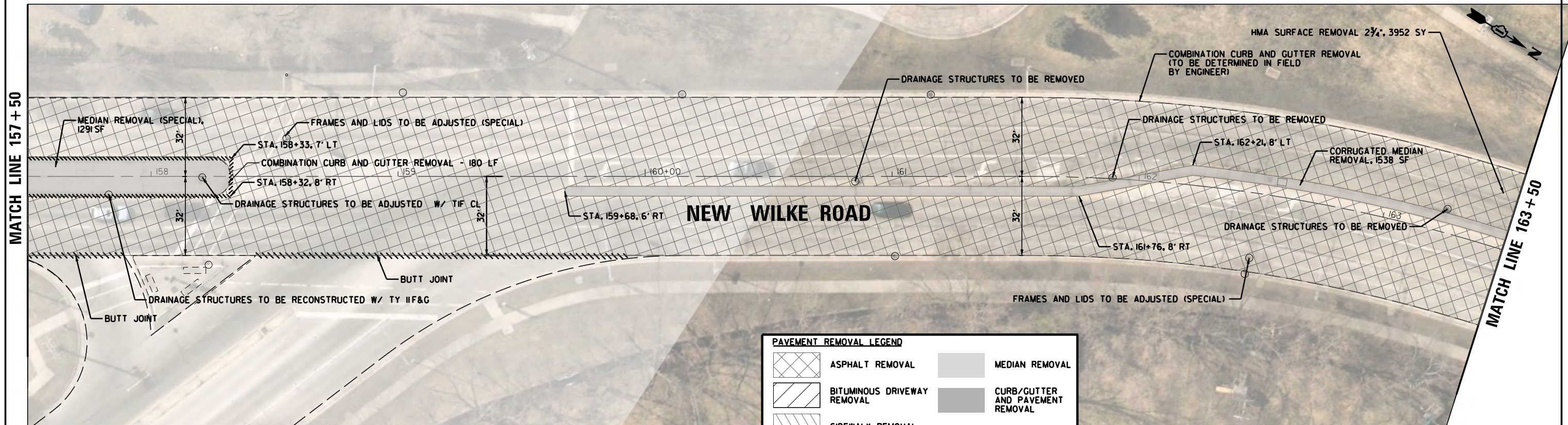
PAVEMENT REMOVAL LEGEND

	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD REMOVAL PLAN			M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Arlington Heights\220543\Civil\220543	REM_NW_05.sht	DRAWN - PM	REVISED -					2134	22-00217-00-RS	COOK	136	22
Default	PLOT SCALE = 40'	CHECKED - GR	REVISED -					CONTRACT NO. 61J73				
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 40'	SHEET	OF	SHEETS	STA.	TO	STA.		



MATCH LINE 157 + 50

MATCH LINE 163 + 50

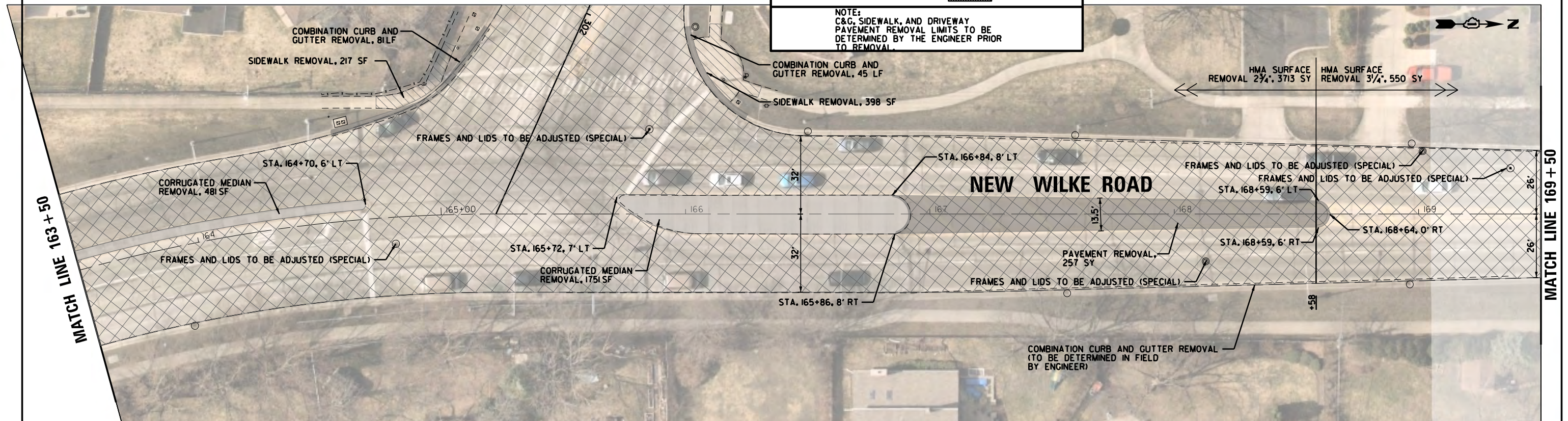
KIRCHOFF ROAD

SEE SHEET 24
KIRCHOFF ROAD

PAVEMENT REMOVAL LEGEND

	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



MATCH LINE 163 + 50

MATCH LINE 169 + 50



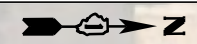
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	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
REMOVAL PLAN

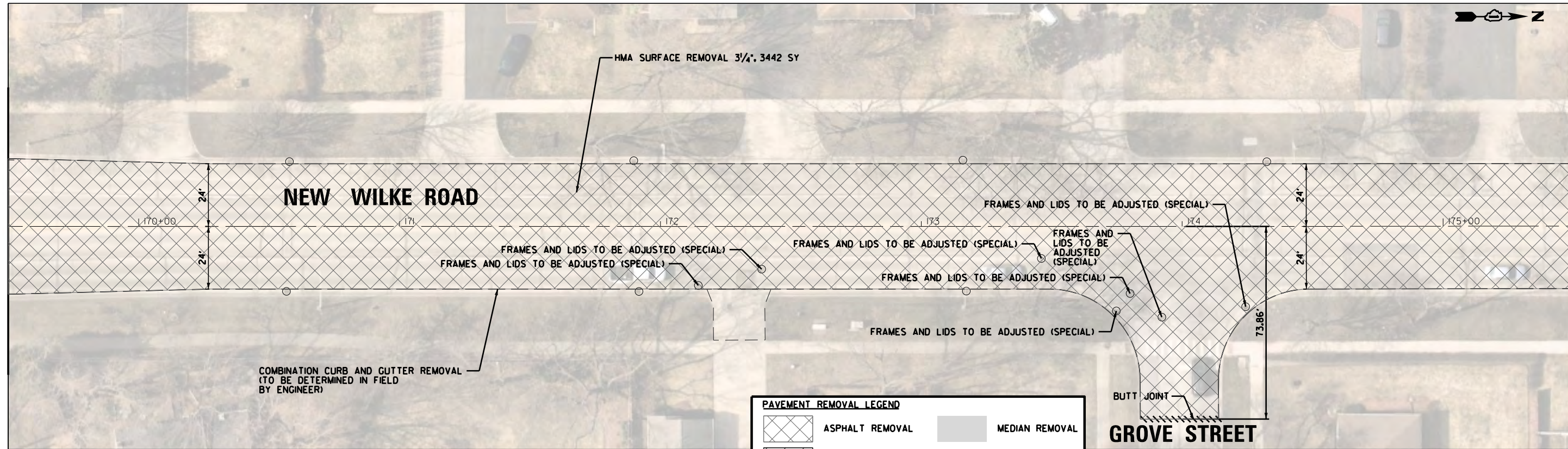
SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	23
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



MATCH LINE 169+50

MATCH LINE 175+50



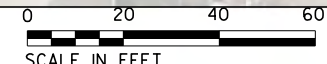
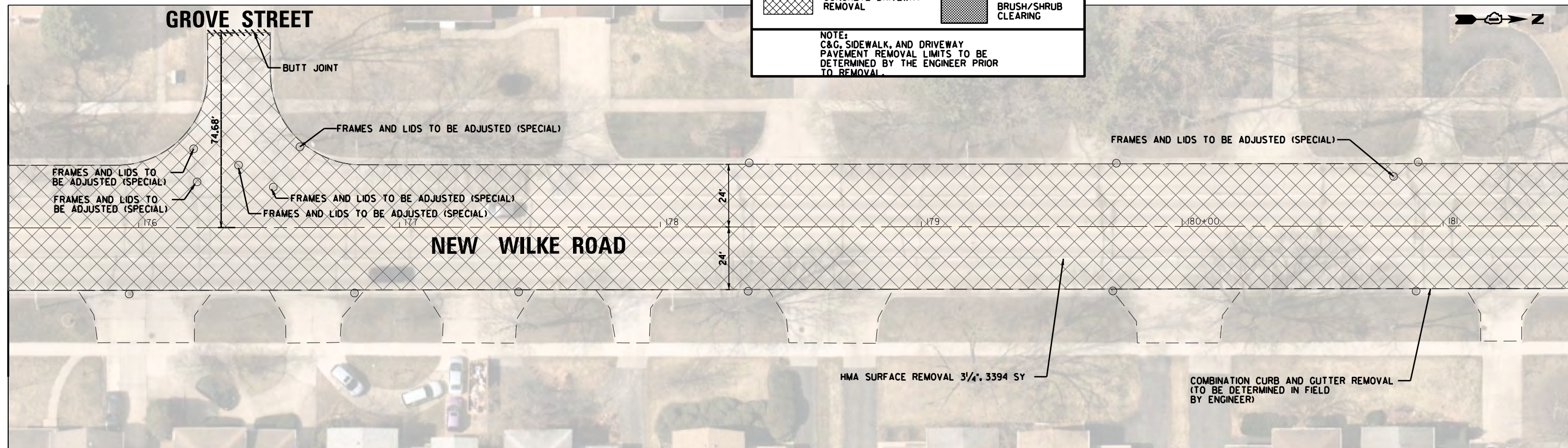
PAVEMENT REMOVAL LEGEND

	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.

MATCH LINE 175+50

MATCH LINE 181+50



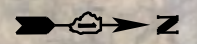
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Default	PLOT SCALE = 40'	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
REMOVAL PLAN**

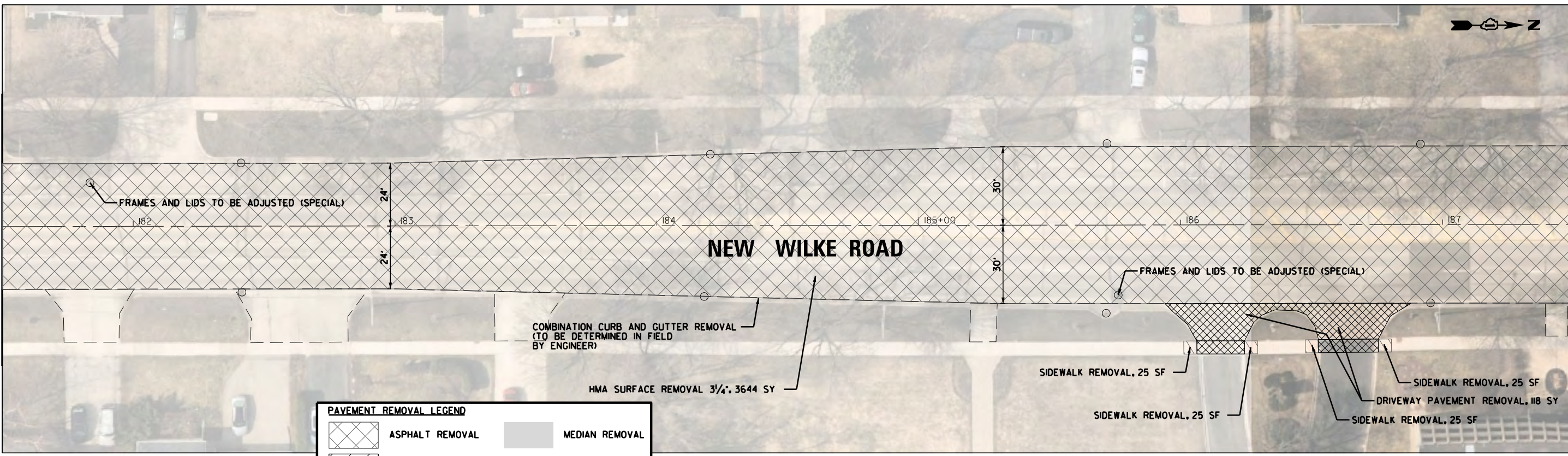
SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	24
CONTRACT NO. 6IJ73				
<small>ILLINOIS FED. AID PROJECT</small>				



MATCH LINE 181+50

MATCH LINE 187+50



PAVEMENT REMOVAL LEGEND

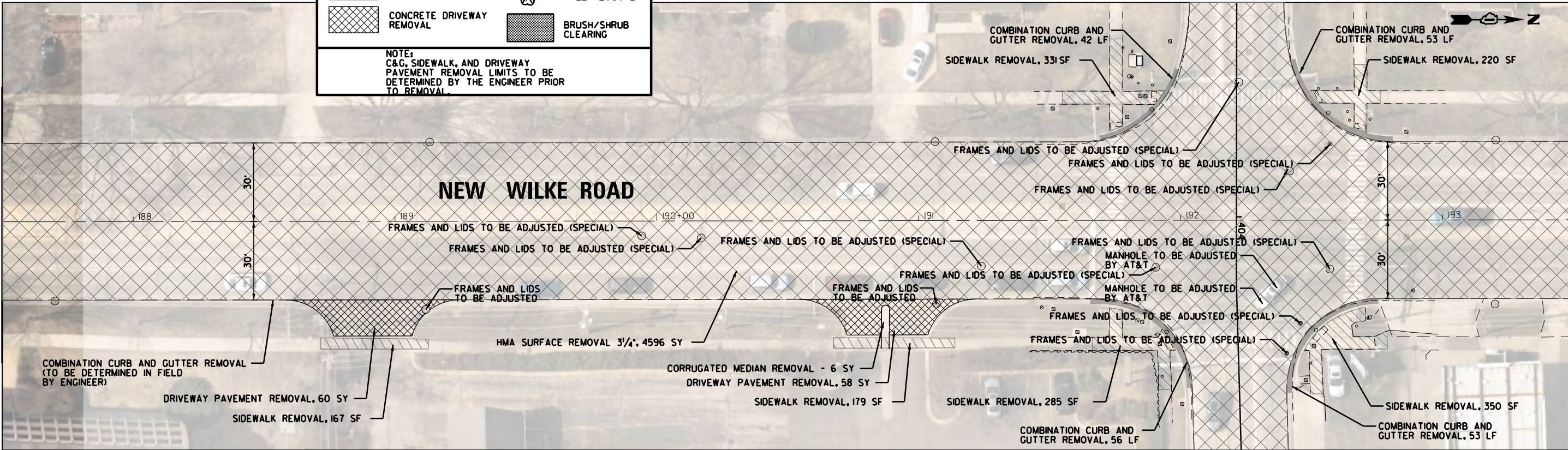
	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.

SEE SHEET 25
CAMPBELL STREET

MATCH LINE 187+50

MATCH LINE 193+50



CAMPBELL STREET
SEE SHEET 25



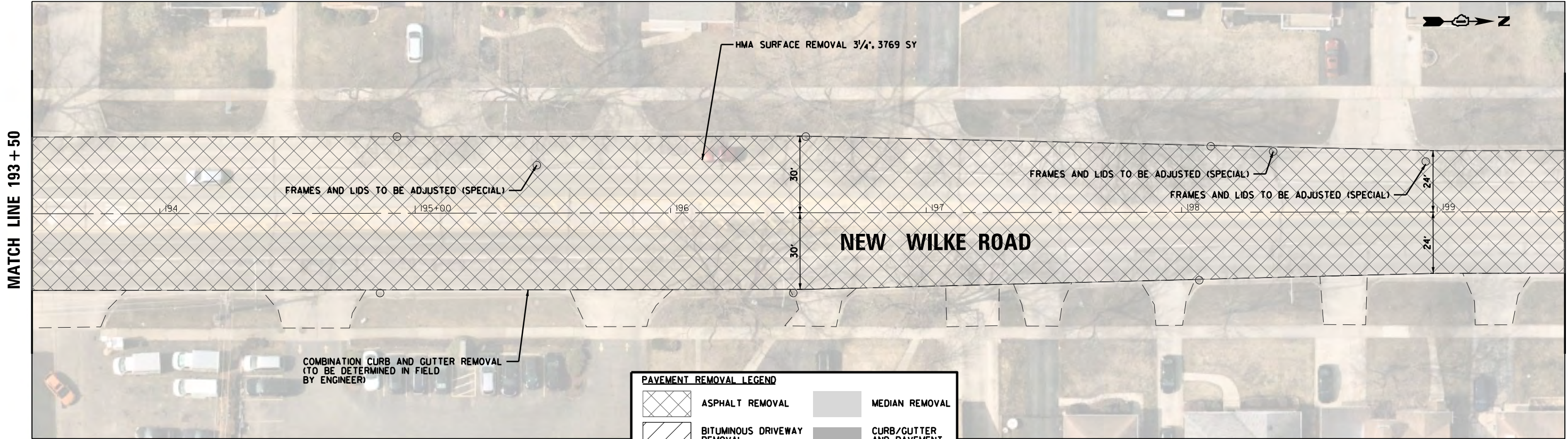
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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
REMOVAL PLAN

SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	25
CONTRACT NO. 6IJ73				
ILLINOIS FED. AID PROJECT				



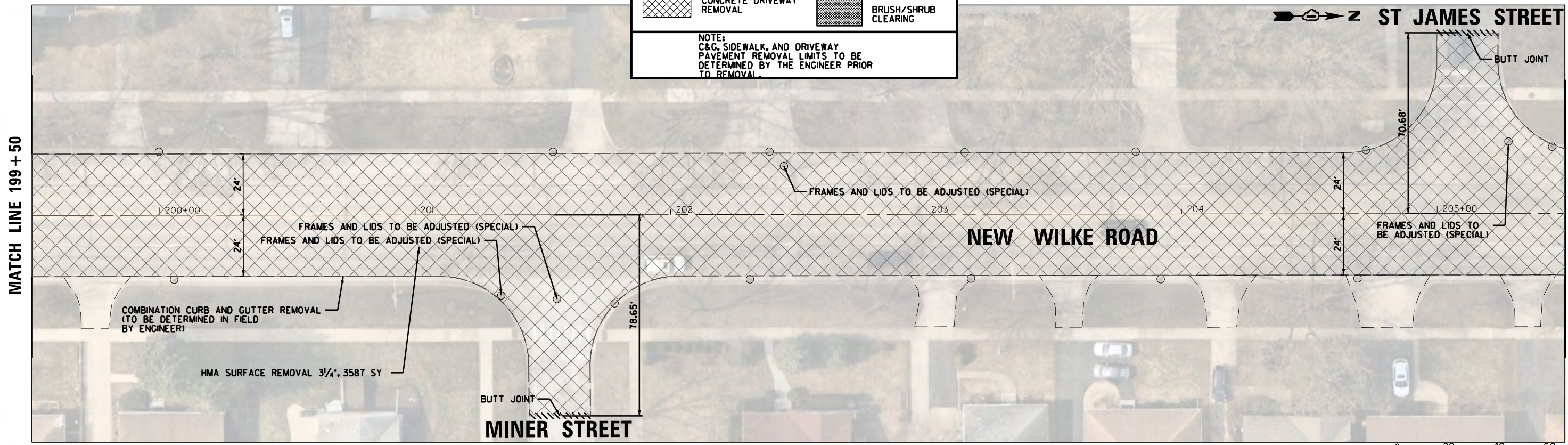
MATCH LINE 193+50

MATCH LINE 199+50

PAVEMENT REMOVAL LEGEND

	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



MATCH LINE 199+50

MATCH LINE 205+50

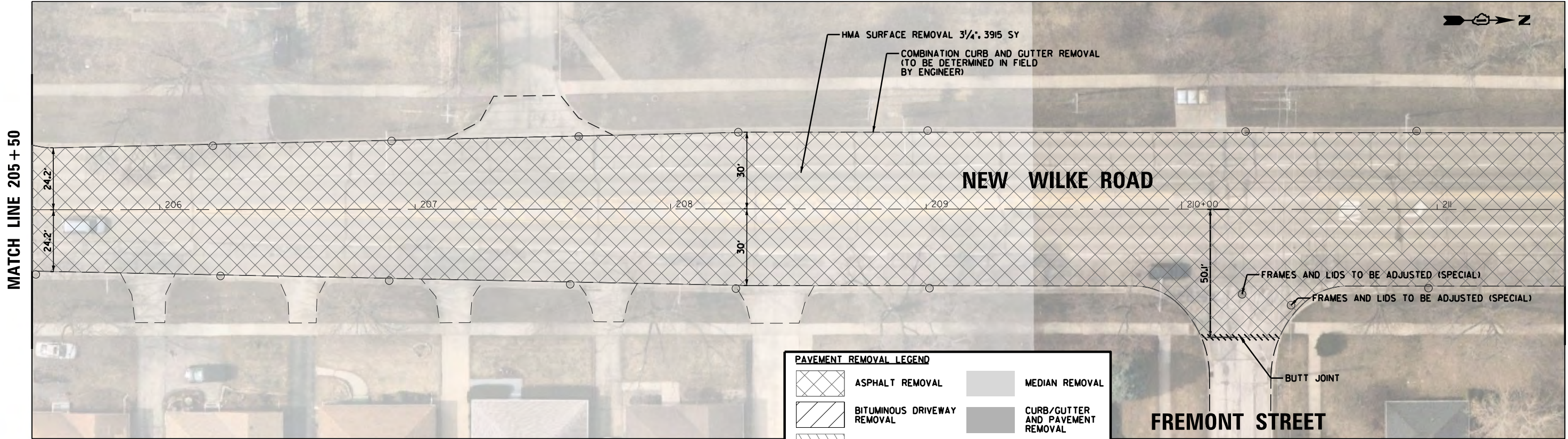


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	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NEW WILKE ROAD REMOVAL PLAN			
SCALE: 40'	SHEET	OF SHEETS	STA. TO STA.

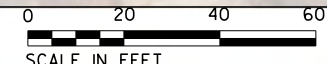
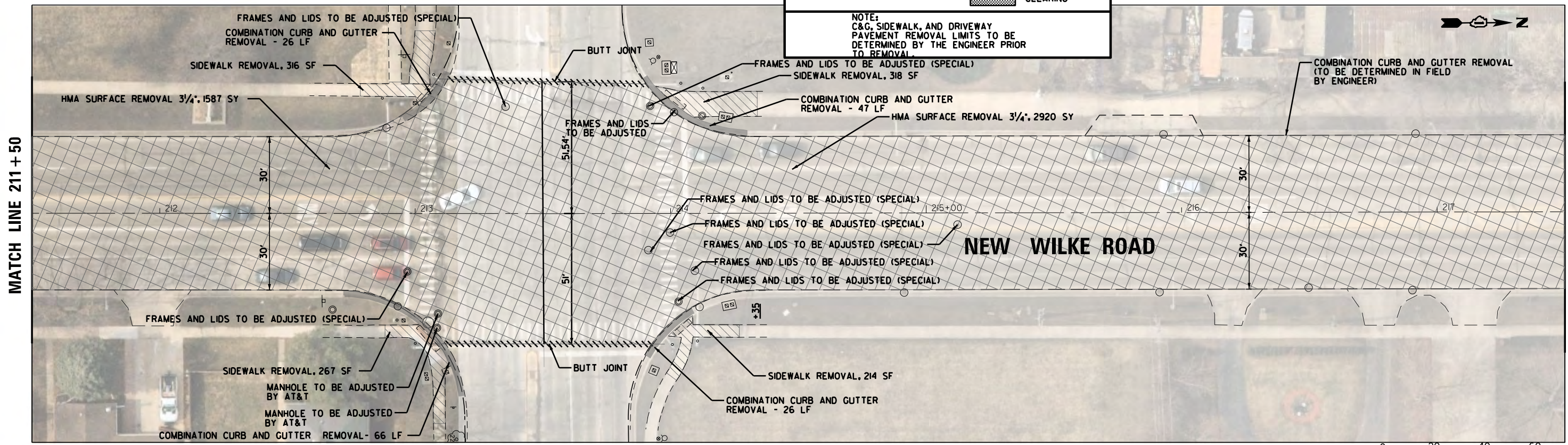
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	26
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



PAVEMENT REMOVAL LEGEND

	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.

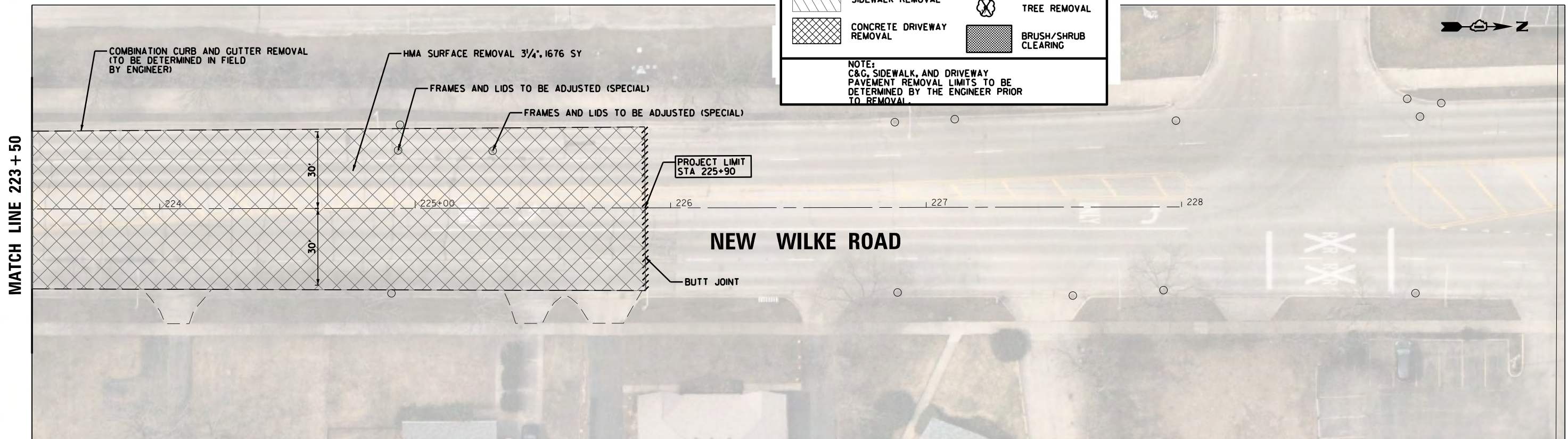
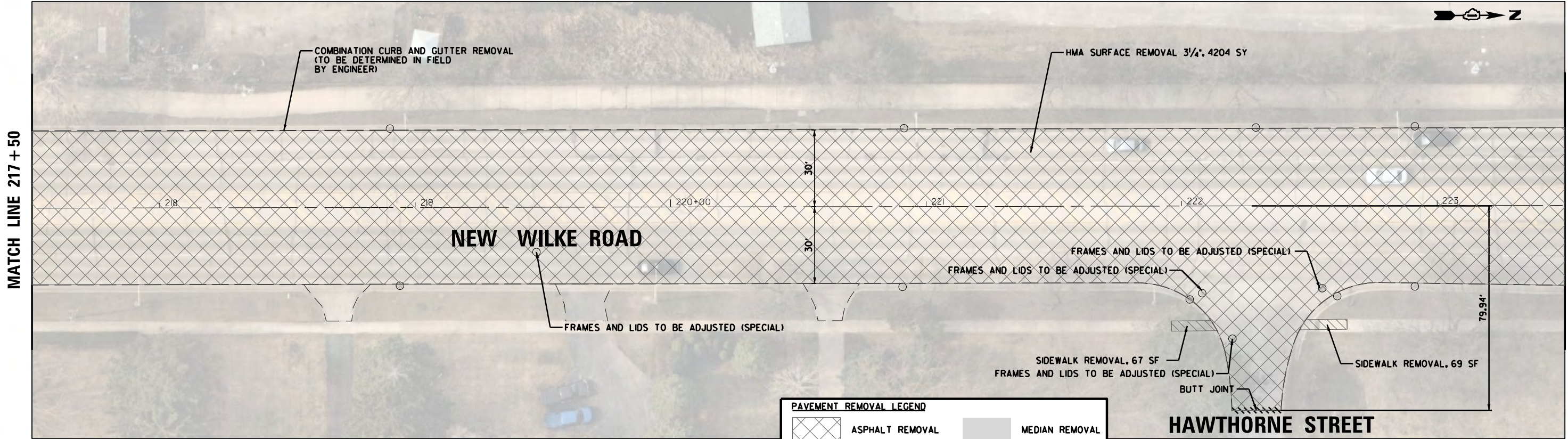


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	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NEW WILKE ROAD REMOVAL PLAN			
SCALE: 40'	SHEET	OF SHEETS	STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	27
CONTRACT NO. 6IJ73				
<small>ILLINOIS FED. AID PROJECT</small>				



PAVEMENT REMOVAL LEGEND

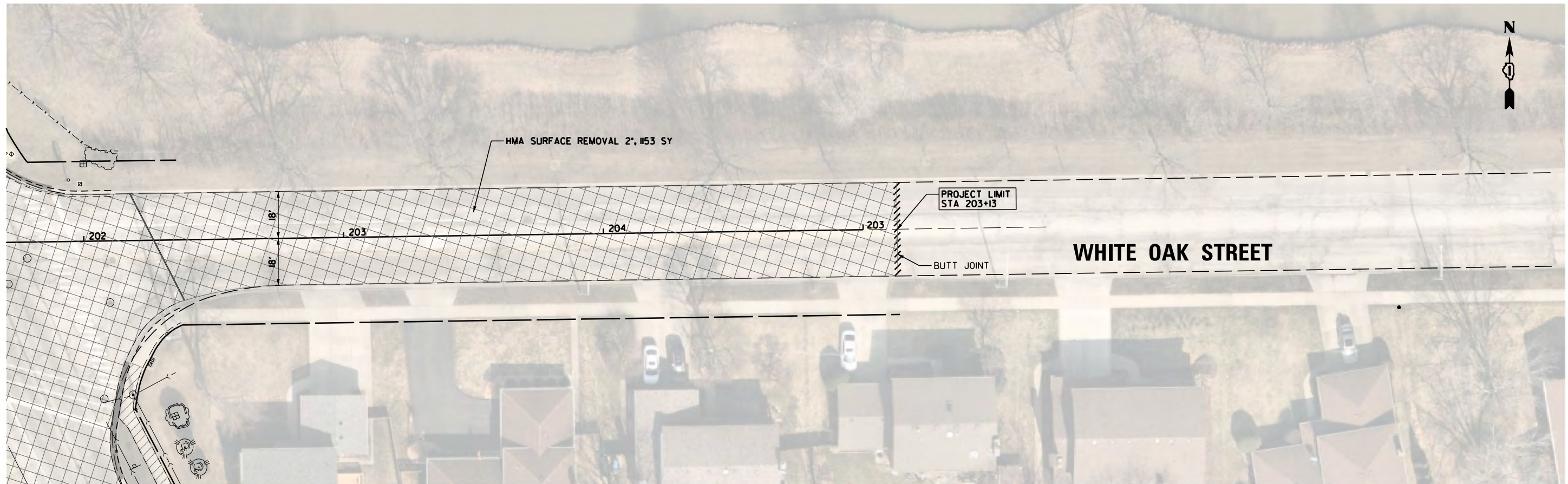
	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD REMOVAL PLAN			M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
N:\Arlington Heights\220543\Civil\220543	REM_NW_11.sht	DRAWN - PM	REVISED -		SCALE: 40'	SHEET	OF	SHEETS	STA.	TO	STA.	2134	22-00217-00-RS	COOK	136	28
Default	PLOT SCALE = 40'	CHECKED - GR	REVISED -		CONTRACT NO. 61J73											
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -		ILLINOIS FED. AID PROJECT											

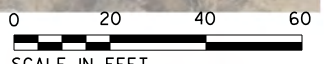
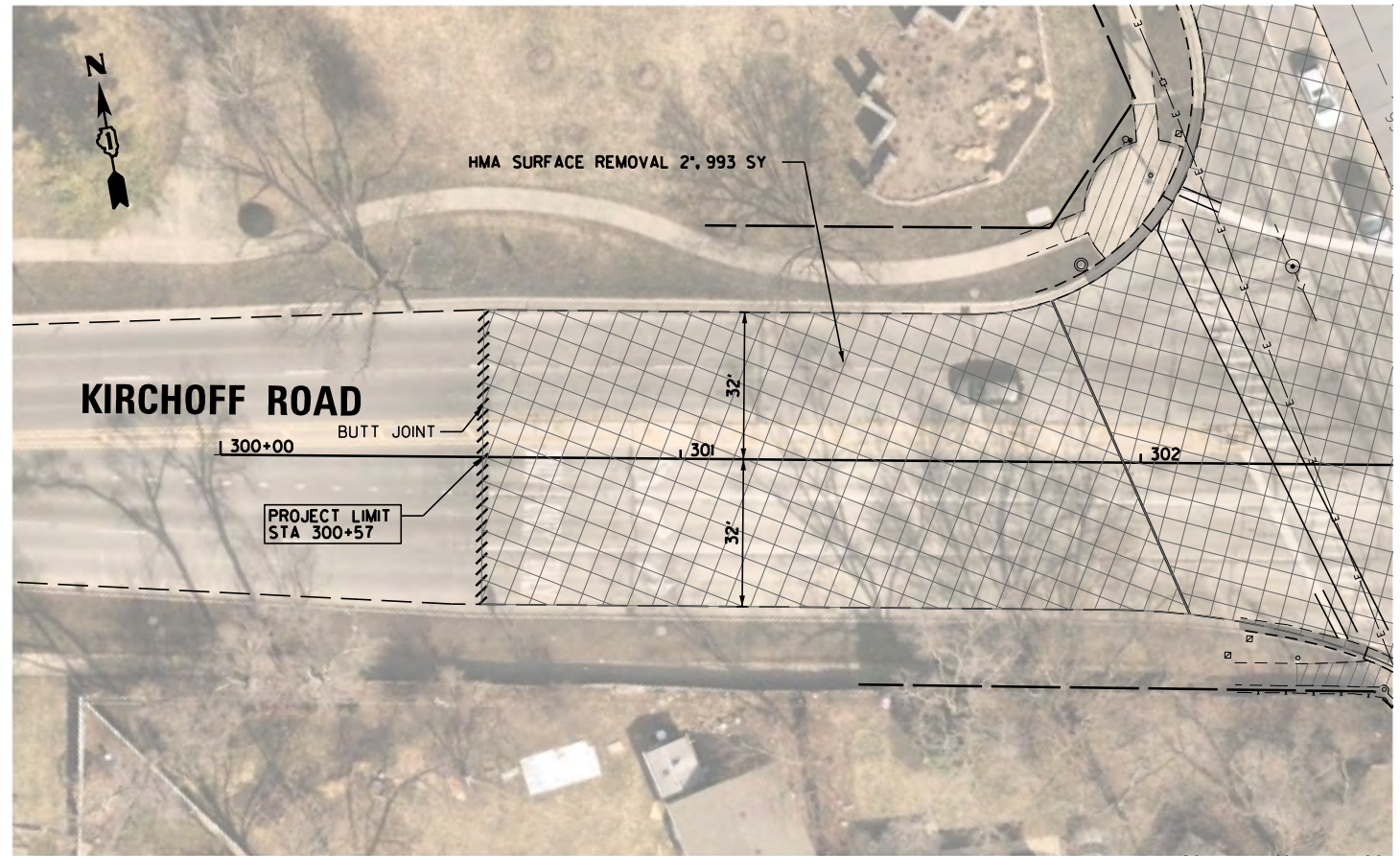
NEW WILKE ROAD



PAVEMENT REMOVAL LEGEND

	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



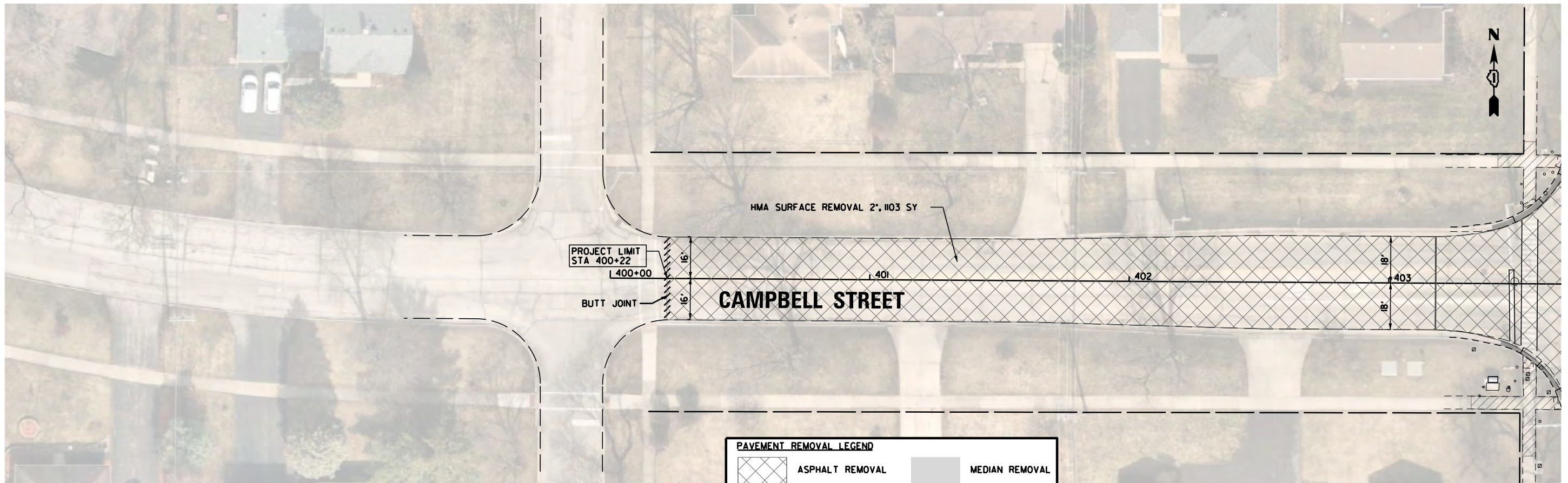
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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WHITE OAK STREET AND KIRCHOFF ROAD (NORTH)
REMOVAL PLAN

SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	29
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

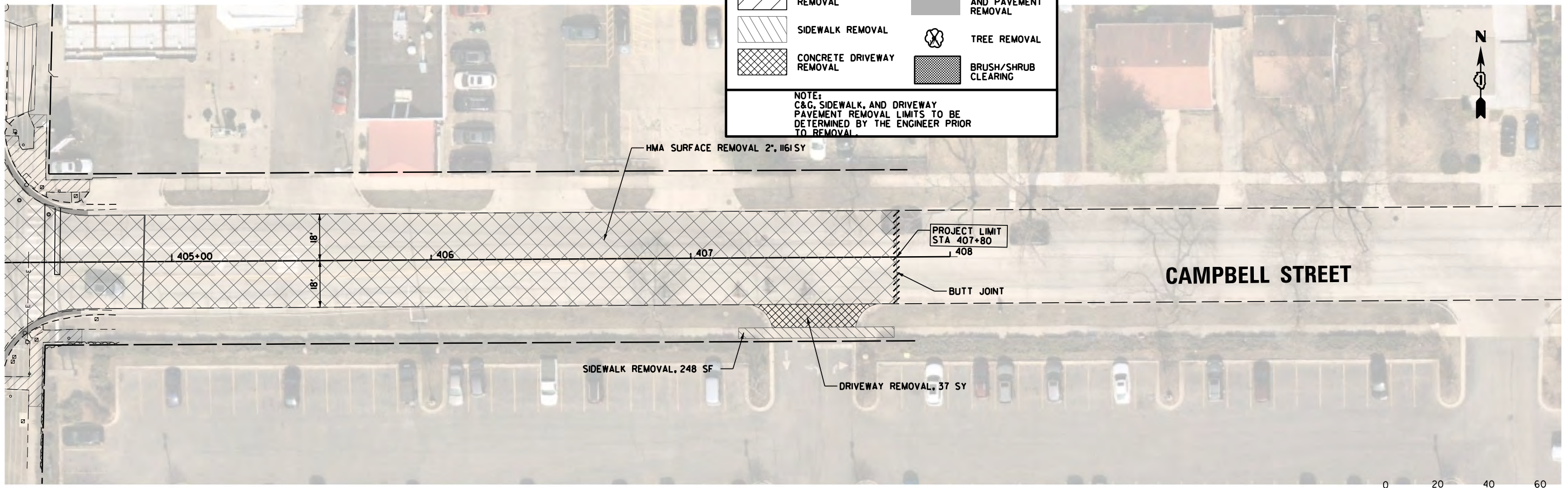


NEW WILKE ROAD

PAVEMENT REMOVAL LEGEND

	ASPHALT REMOVAL		MEDIAN REMOVAL
	BITUMINOUS DRIVEWAY REMOVAL		CURB/GUTTER AND PAVEMENT REMOVAL
	SIDEWALK REMOVAL		TREE REMOVAL
	CONCRETE DRIVEWAY REMOVAL		BRUSH/SHRUB CLEARING

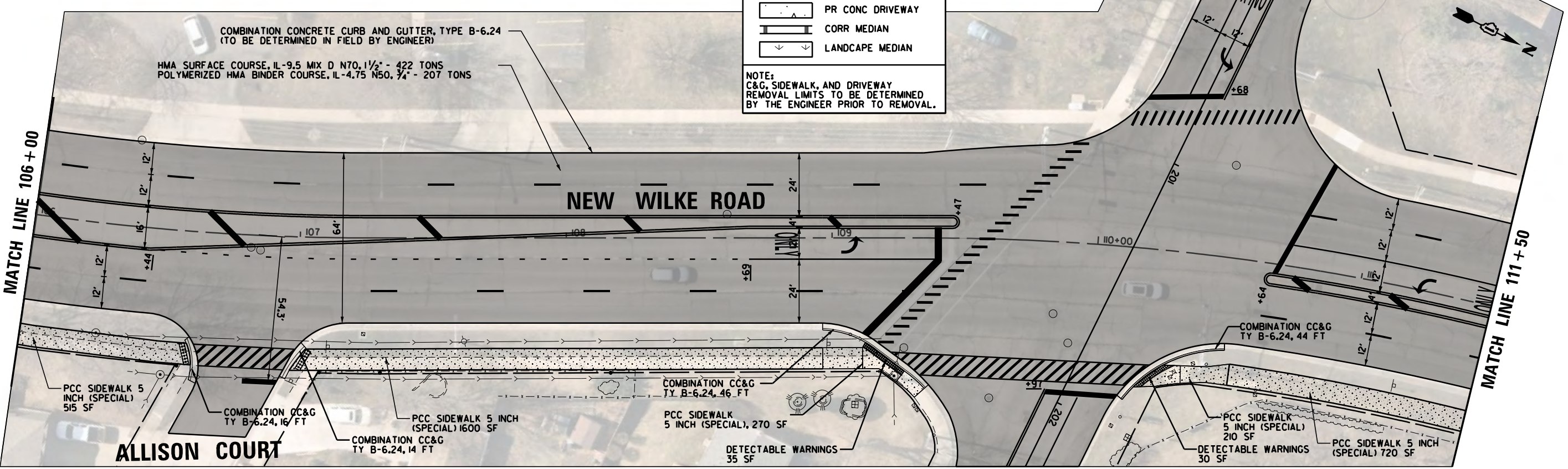
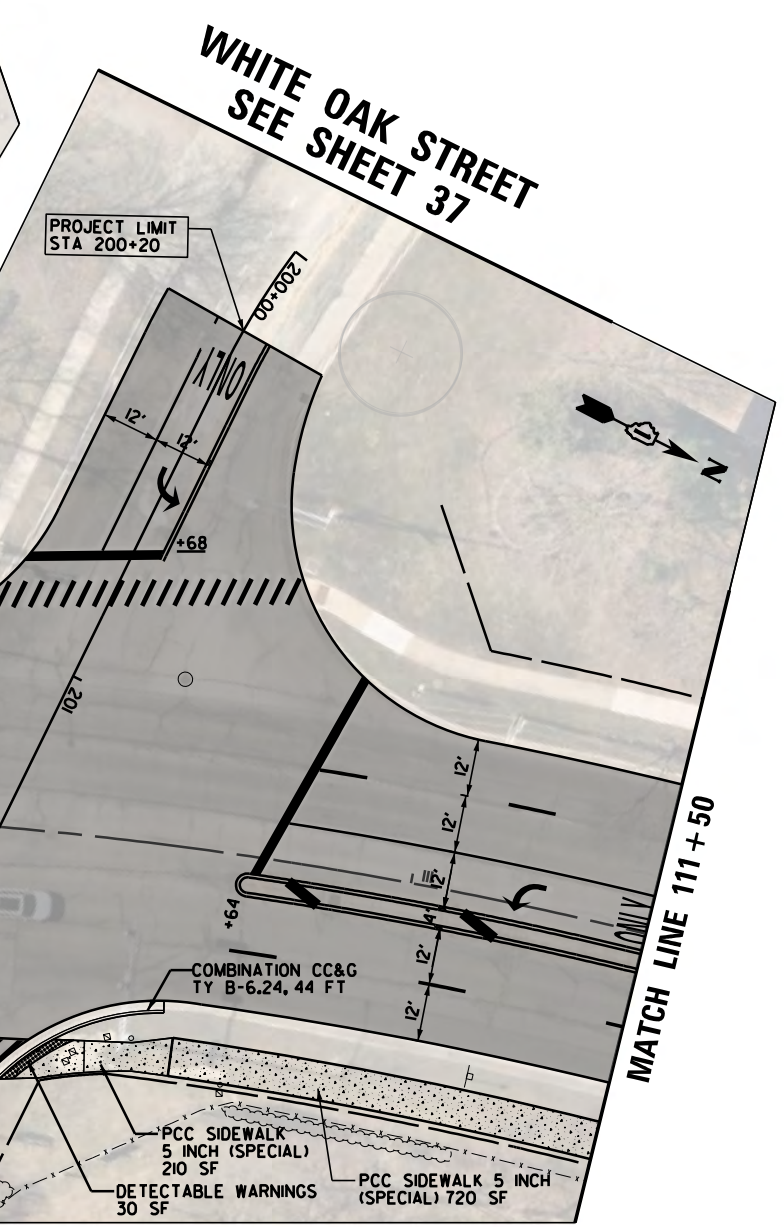
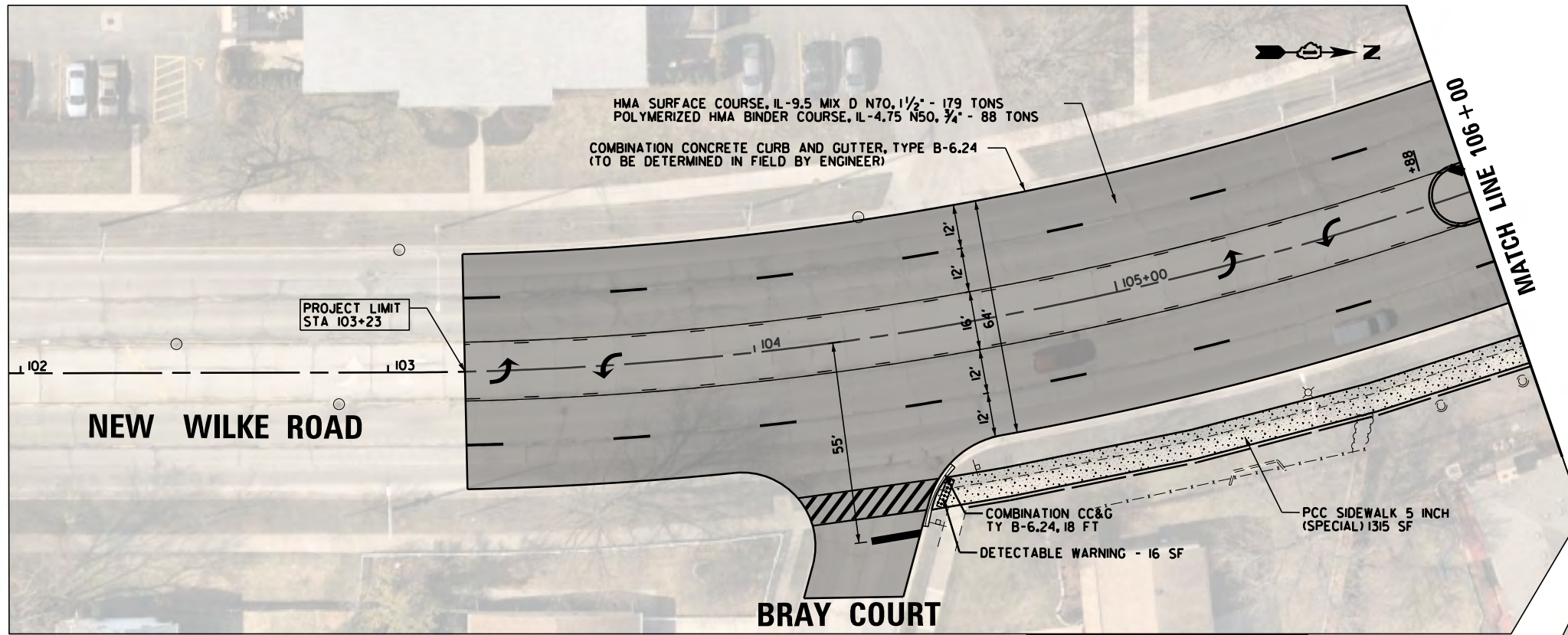
NOTE:
C&G, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



NEW WILKE ROAD



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CAMPBELL STREET REMOVAL PLAN			M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
N:\Arlington Heights\220543\Civil\220543	REM.XCA_13.sht	DRAWN - PM	REVISED -		SCALE: 40'	SHEET	OF	SHEETS	STA.	TO	STA.	2134	22-00217-00-RS	COOK	136	30
Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -		CONTRACT NO. 61J73											
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -		ILLINOIS FED. AID PROJECT											



PROPOSED LEGEND

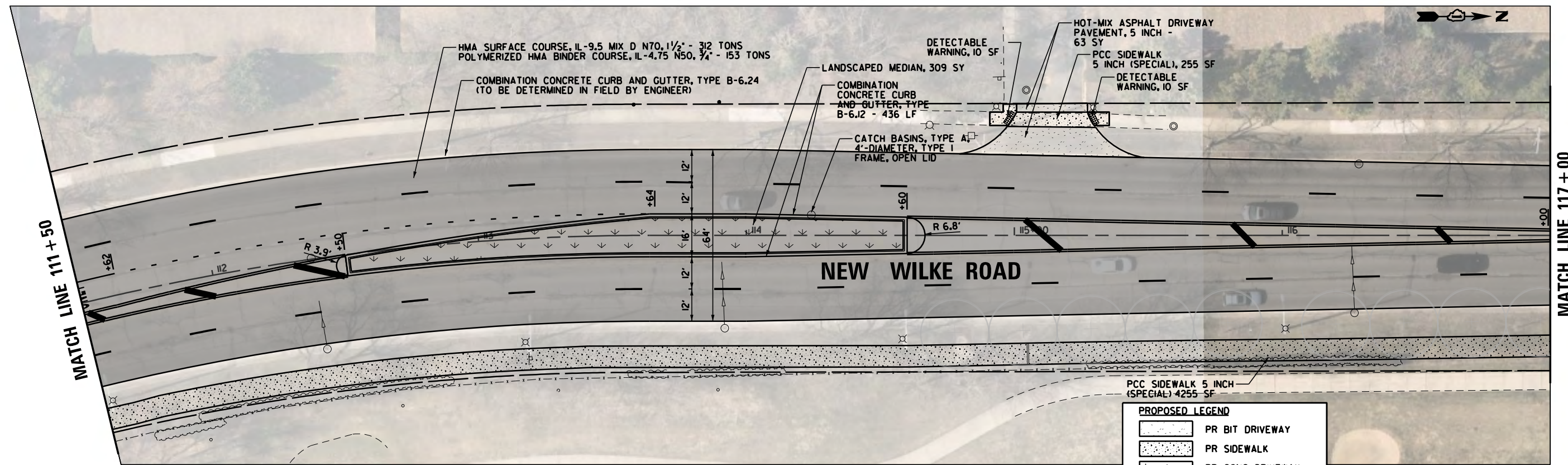
- PR BIT DRIVEWAY
- PR SIDEWALK
- PR CONC DRIVEWAY
- CORR MEDIAN
- LANDSCAPE MEDIAN

NOTE:
 C&G, SIDEWALK, AND DRIVEWAY
 REMOVAL LIMITS TO BE DETERMINED
 BY THE ENGINEER PRIOR TO REMOVAL.

**WHITE OAK STREET
 SEE SHEET 37**



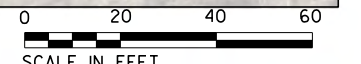
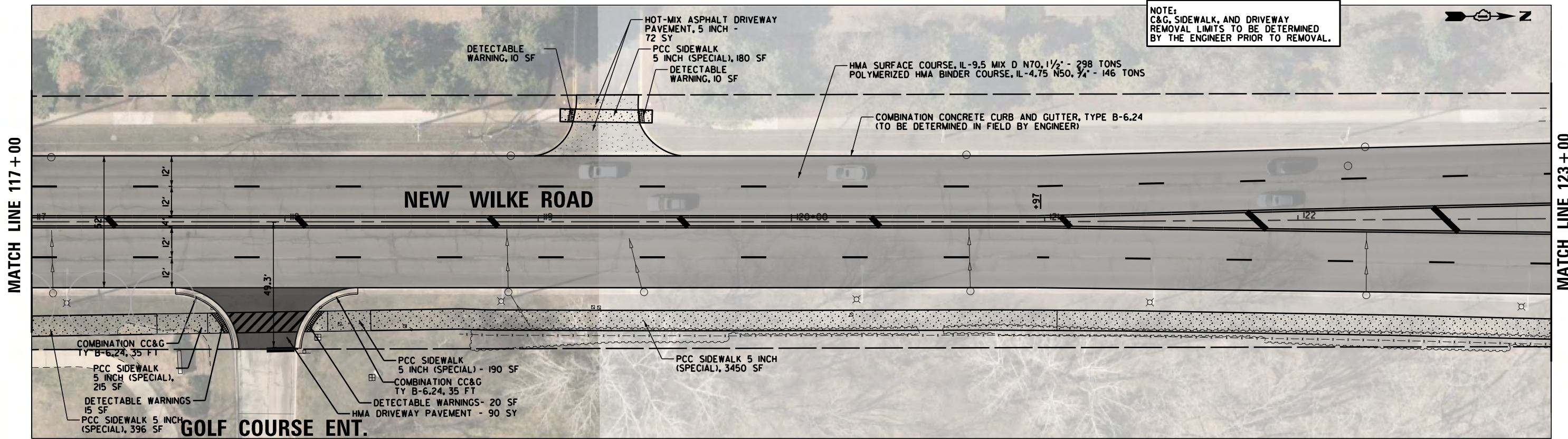
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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -					2134	22-00217-00-RS	COOK	136	31			
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -					SCALE: 40' SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 61J73				
								ILLINOIS FED. AID PROJECT							



PROPOSED LEGEND

	PR BIT DRIVEWAY
	PR SIDEWALK
	PR CONC DRIVEWAY
	CORR MEDIAN
	LANDSCAPE MEDIAN

NOTE:
C&G, SIDEWALK, AND DRIVEWAY
REMOVAL LIMITS TO BE DETERMINED
BY THE ENGINEER PRIOR TO REMOVAL.



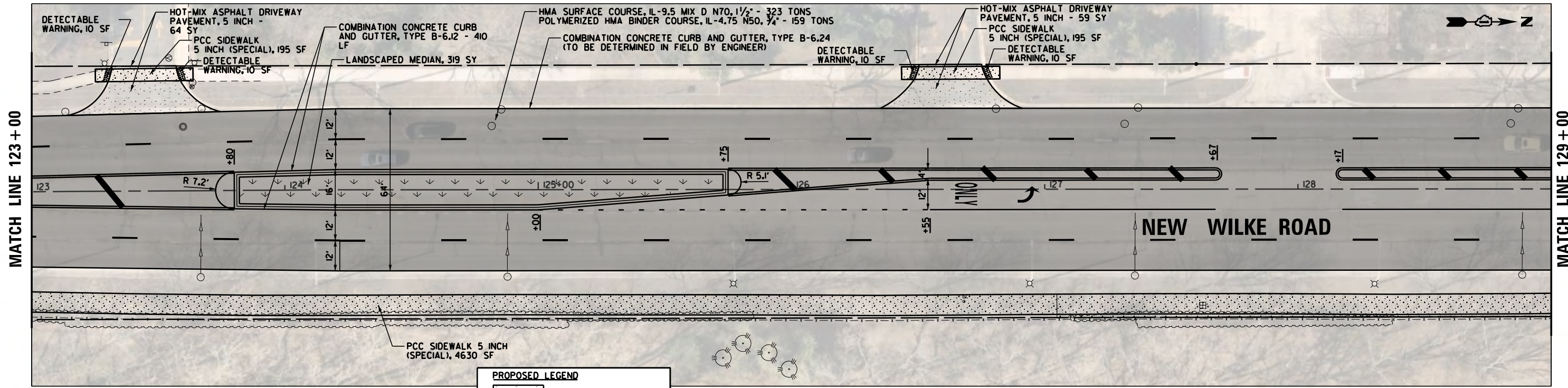
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	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
PROPOSED PLAN**

SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	32
CONTRACT NO. 6J73				
ILLINOIS FED. AID PROJECT				



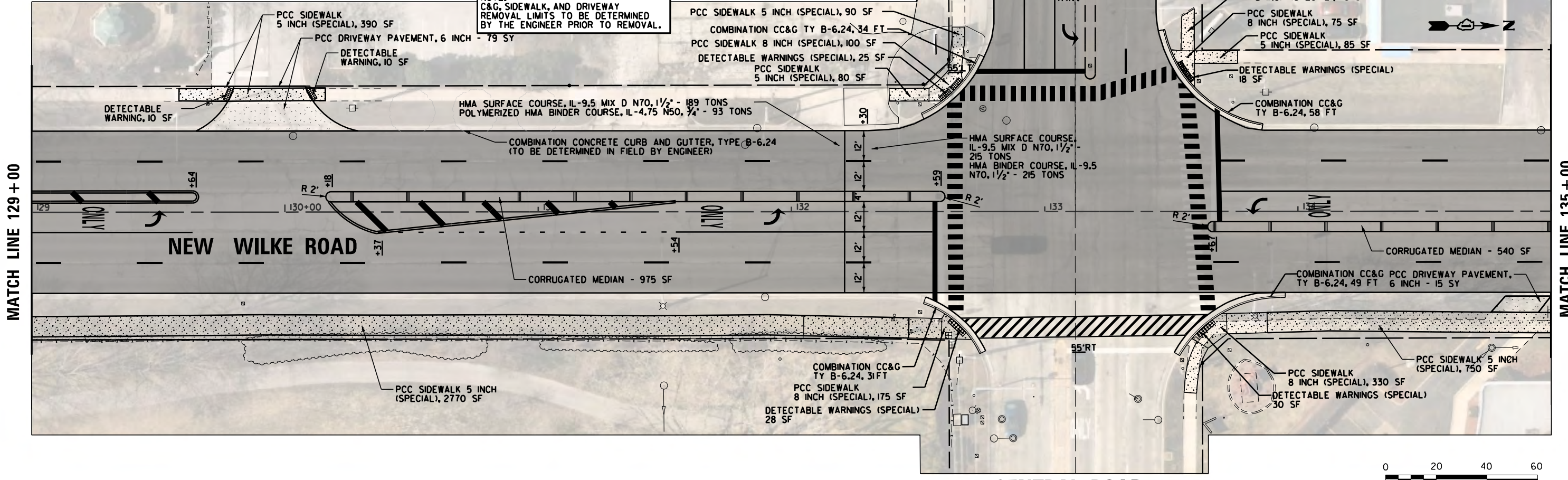
MATCH LINE 123+00

MATCH LINE 129+00

PROPOSED LEGEND

- PR BIT DRIVEWAY
- PR SIDEWALK
- PR CONC DRIVEWAY
- CORR MEDIAN
- LANDSCAPE MEDIAN

NOTE:
C&G, SIDEWALK, AND DRIVEWAY REMOVAL LIMITS TO BE DETERMINED BY THE ENGINEER PRIOR TO REMOVAL.



MATCH LINE 129+00

MATCH LINE 135+00

CENTRAL ROAD

CENTRAL ROAD



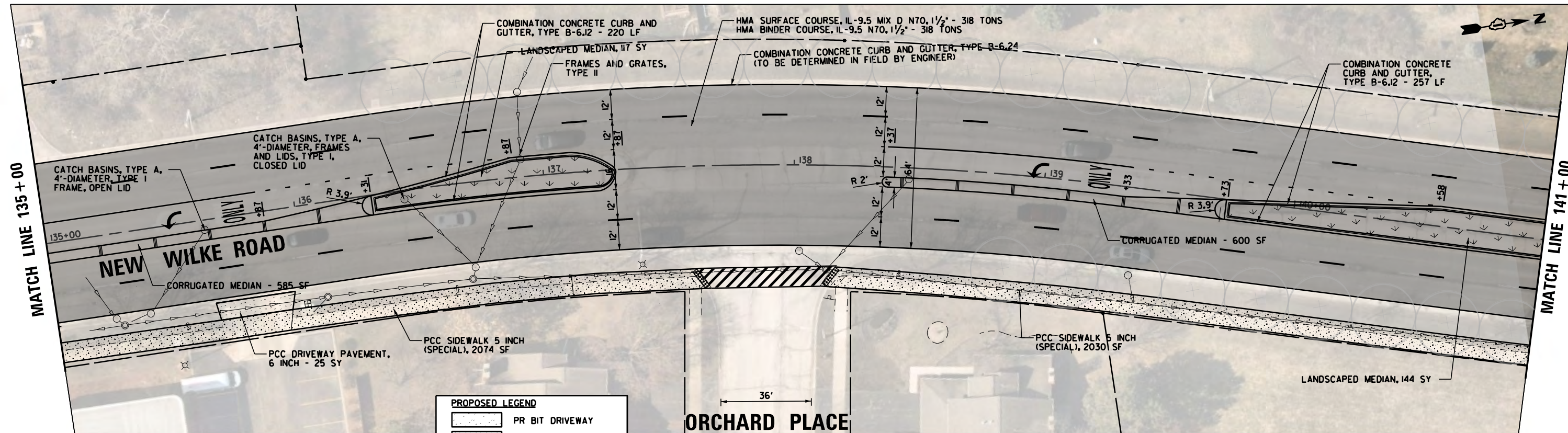
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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
PROPOSED PLAN

SCALE: 40' SHEET OF SHEETS STA. TO STA.

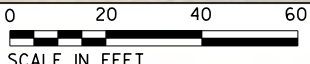
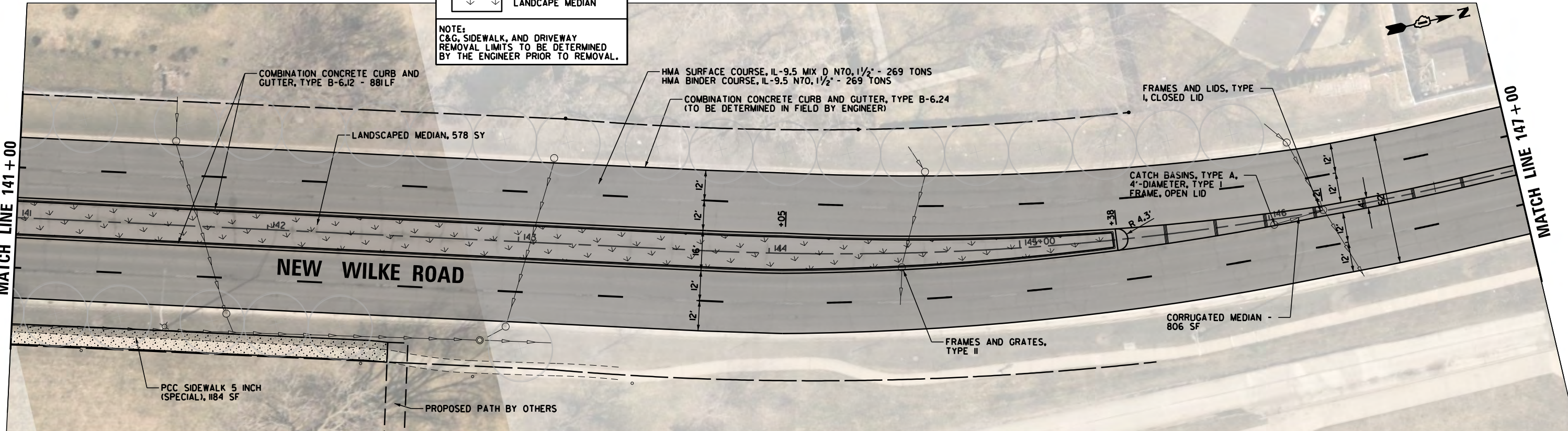
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	33
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



PROPOSED LEGEND

	PR BIT DRIVEWAY
	PR SIDEWALK
	PR CONC DRIVEWAY
	CORR MEDIAN
	LANDCAPE MEDIAN

NOTE:
C&G, SIDEWALK, AND DRIVEWAY
REMOVAL LIMITS TO BE DETERMINED
BY THE ENGINEER PRIOR TO REMOVAL.

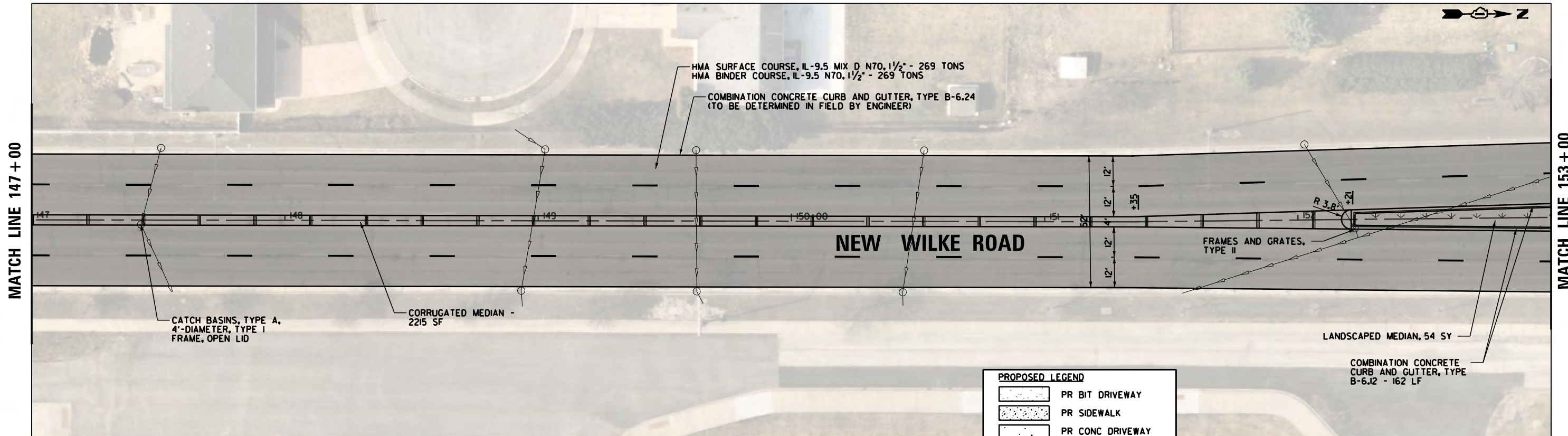


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	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NEW WILKE ROAD PROPOSED PLAN			
SCALE: 40'	SHEET	OF SHEETS	STA. TO STA.

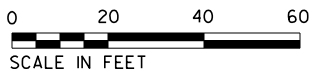
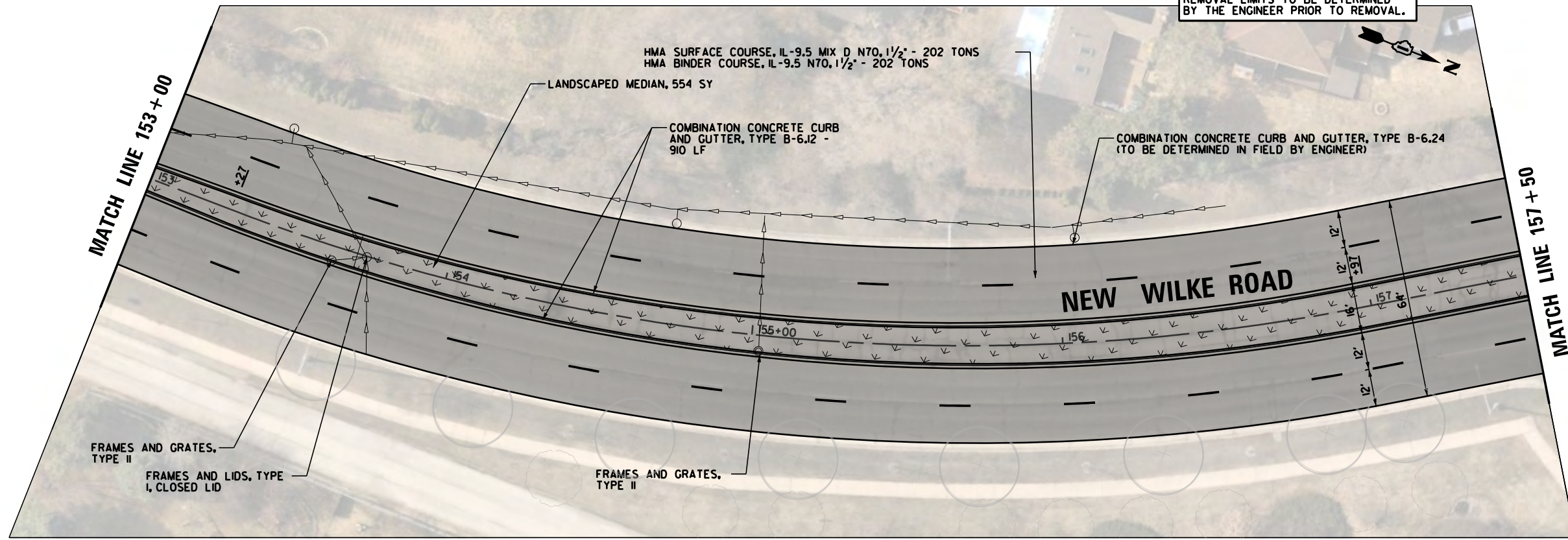
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	34
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



PROPOSED LEGEND

- PR BIT DRIVEWAY
- PR SIDEWALK
- PR CONC DRIVEWAY
- CORR MEDIAN
- LANDCAPE MEDIAN

NOTE:
C&G, SIDEWALK, AND DRIVEWAY
REMOVAL LIMITS TO BE DETERMINED
BY THE ENGINEER PRIOR TO REMOVAL.

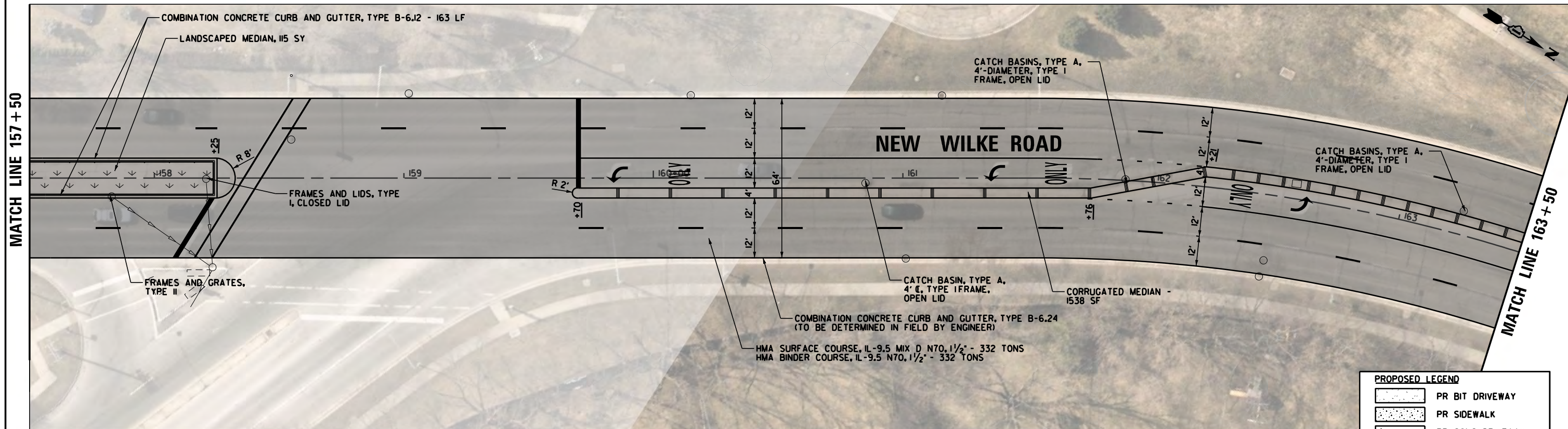


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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NEW WILKE ROAD PROPOSED PLAN			
SCALE: 40'	SHEET	OF SHEETS	STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	35
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

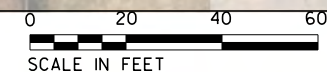
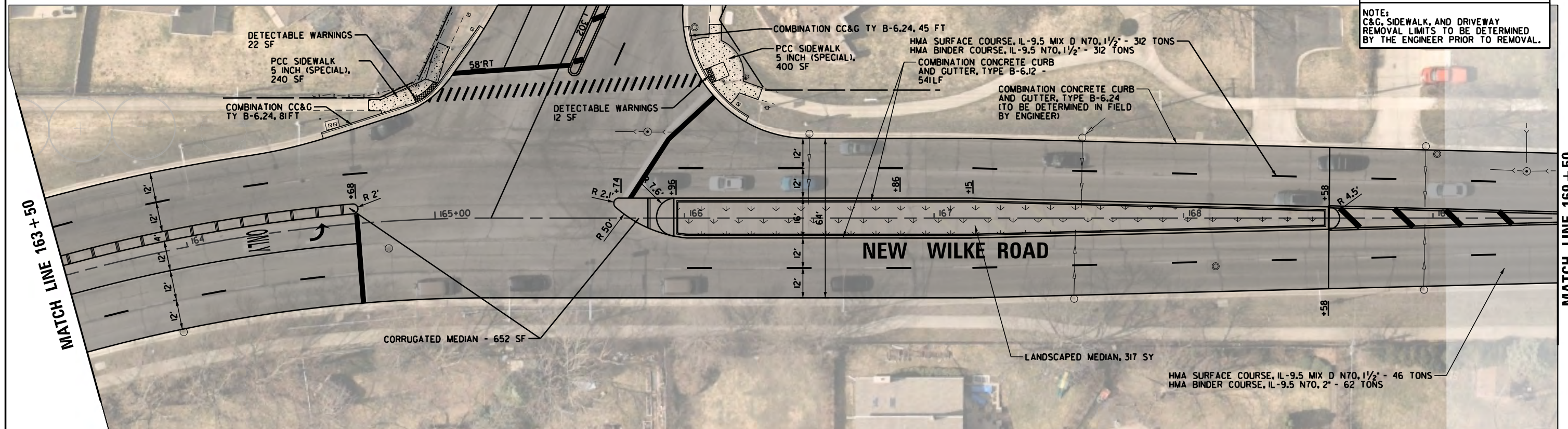


KIRCHOFF ROAD

SEE SHEET 37
KIRCHOFF ROAD

PROPOSED LEGEND	
	PR BIT DRIVEWAY
	PR SIDEWALK
	PR CONC DRIVEWAY
	CORR MEDIAN
	LANDSCAPE MEDIAN

NOTE:
C&G, SIDEWALK, AND DRIVEWAY
REMOVAL LIMITS TO BE DETERMINED
BY THE ENGINEER PRIOR TO REMOVAL.



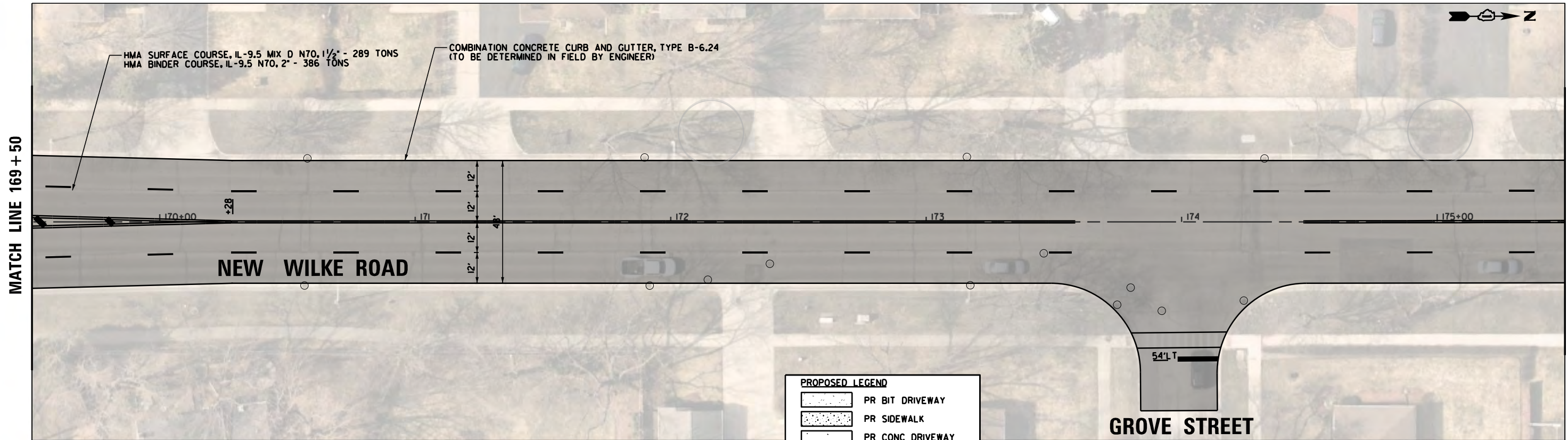
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Default	PLOT SCALE = 40'	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
PROPOSED PLAN

SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	36
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



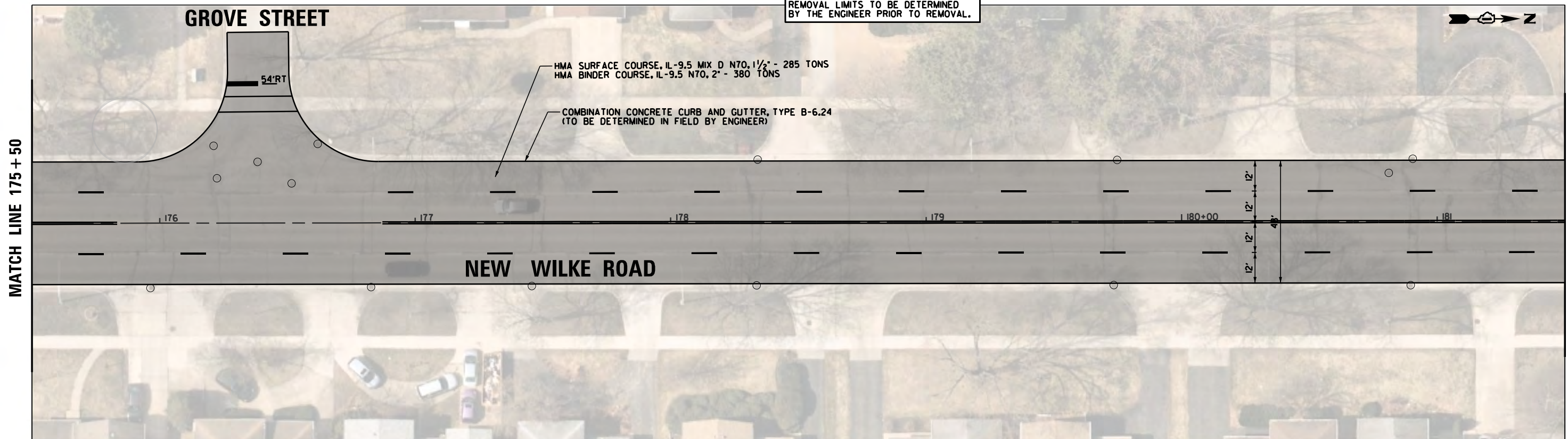
MATCH LINE 169+50

MATCH LINE 175+50

PROPOSED LEGEND

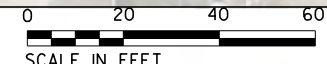
- PR BIT DRIVEWAY
- PR SIDEWALK
- PR CONC DRIVEWAY
- CORR MEDIAN
- LANDCAPE MEDIAN

NOTE:
C&G, SIDEWALK, AND DRIVEWAY
REMOVAL LIMITS TO BE DETERMINED
BY THE ENGINEER PRIOR TO REMOVAL.



MATCH LINE 175+50

MATCH LINE 181+50



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
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	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
PROPOSED PLAN**

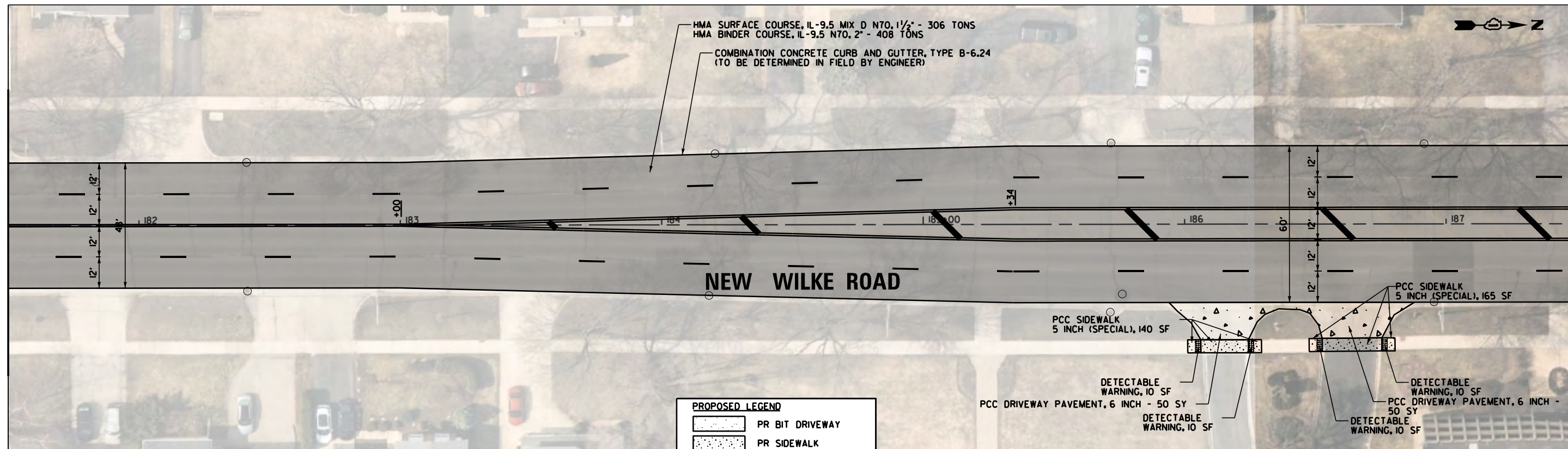
SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	37
CONTRACT NO. 61J73				

ILLINOIS FED. AID PROJECT

MATCH LINE 181+50

MATCH LINE 187+50



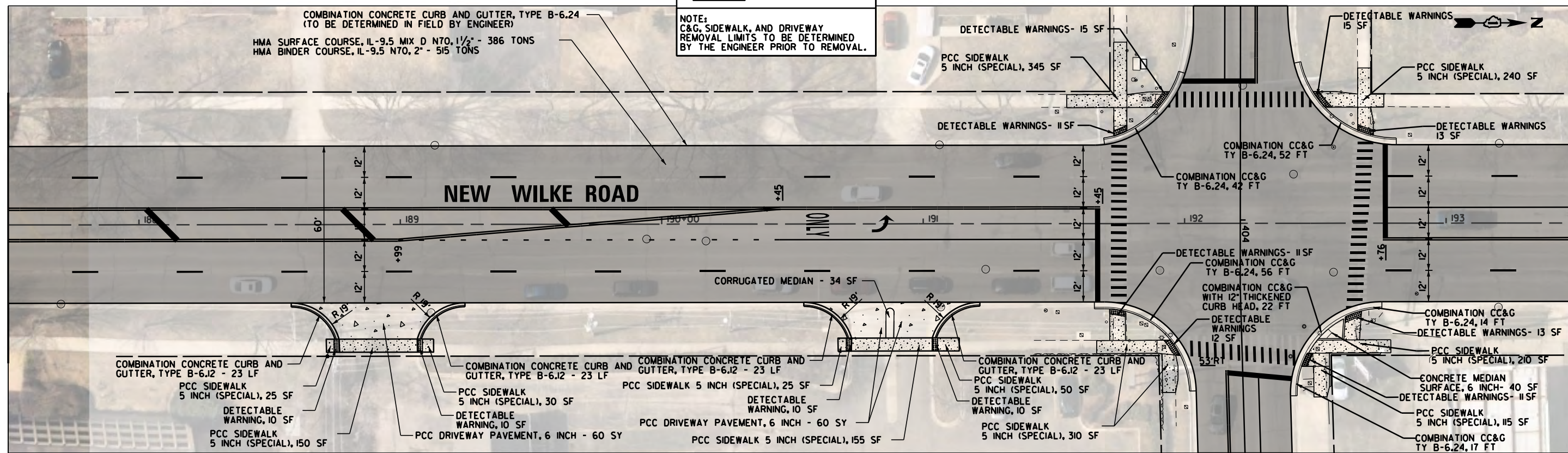
PROPOSED LEGEND

	PR BIT DRIVEWAY
	PR SIDEWALK
	PR CONC DRIVEWAY
	CORR MEDIAN
	LANDCAPE MEDIAN

SEE SHEET 38
CAMPBELL STREET

MATCH LINE 187+50

MATCH LINE 193+50



NOTE:
C&G, SIDEWALK, AND DRIVEWAY
REMOVAL LIMITS TO BE DETERMINED
BY THE ENGINEER PRIOR TO REMOVAL.

CAMPBELL STREET
SEE SHEET 38



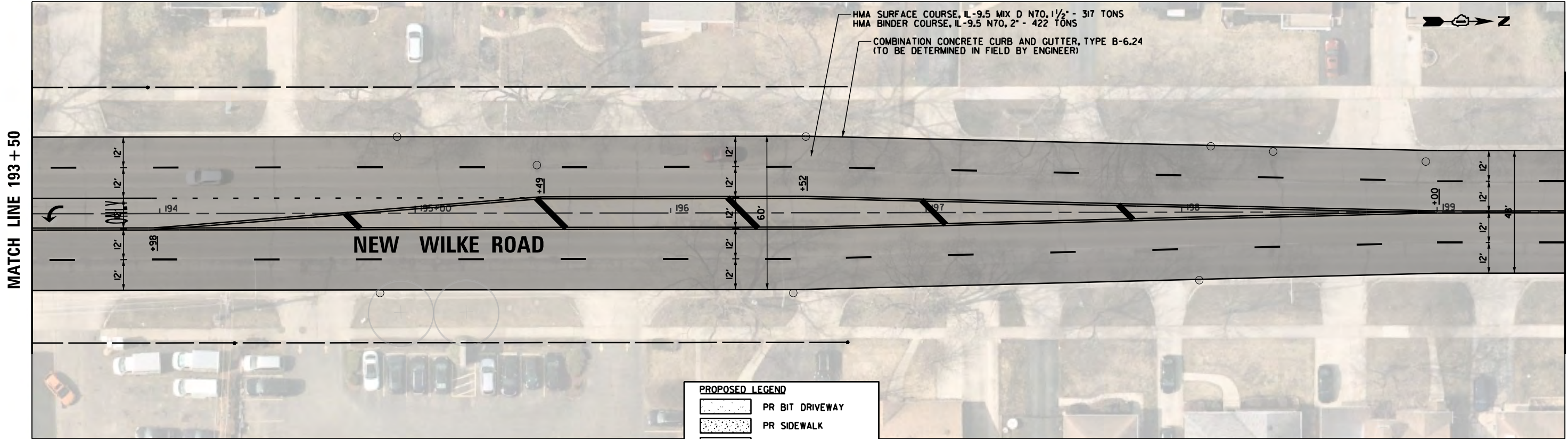
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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
PROPOSED PLAN

SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	38
				CONTRACT NO. 61J73
ILLINOIS FED. AID PROJECT				



MATCH LINE 193+50

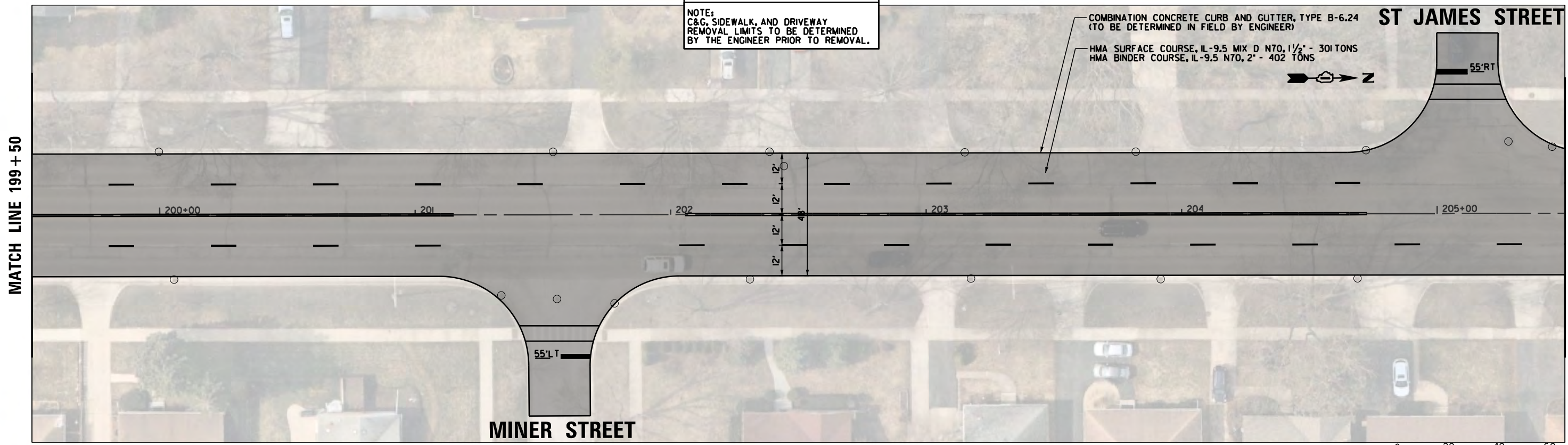
MATCH LINE 199+50

NEW WILKE ROAD

PROPOSED LEGEND

	PR BIT DRIVEWAY
	PR SIDEWALK
	PR CONC DRIVEWAY
	CORR MEDIAN
	LANDCAPE MEDIAN

NOTE:
C&G, SIDEWALK, AND DRIVEWAY
REMOVAL LIMITS TO BE DETERMINED
BY THE ENGINEER PRIOR TO REMOVAL.



MATCH LINE 199+50

MATCH LINE 205+50

ST JAMES STREET

MINER STREET



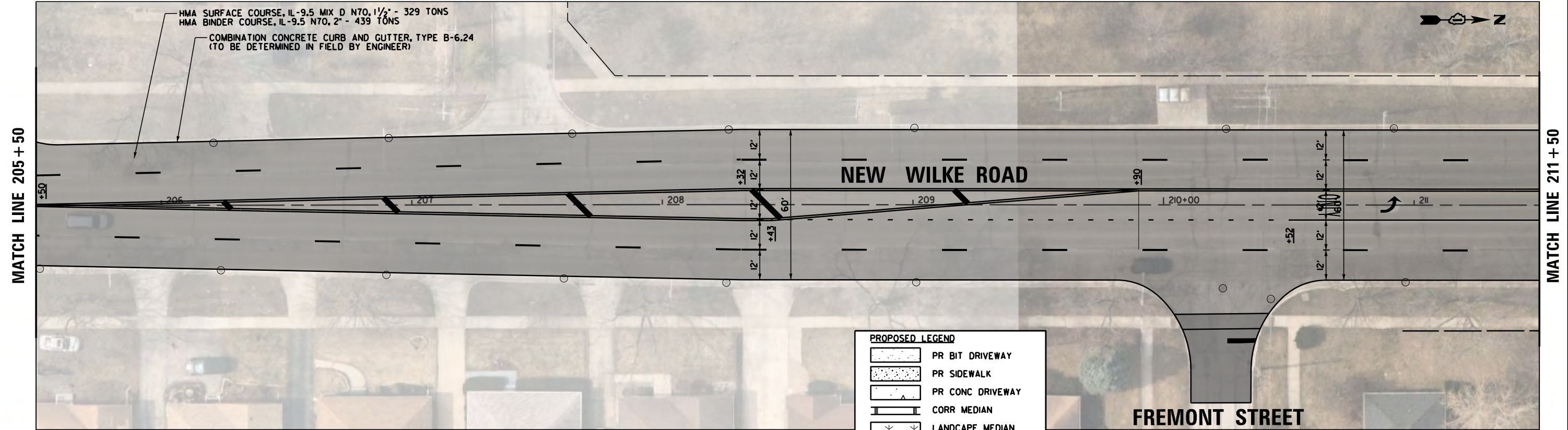
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	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
PROPOSED PLAN**

SCALE: 40' SHEET OF SHEETS STA. TO STA.

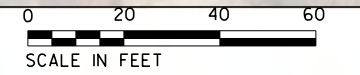
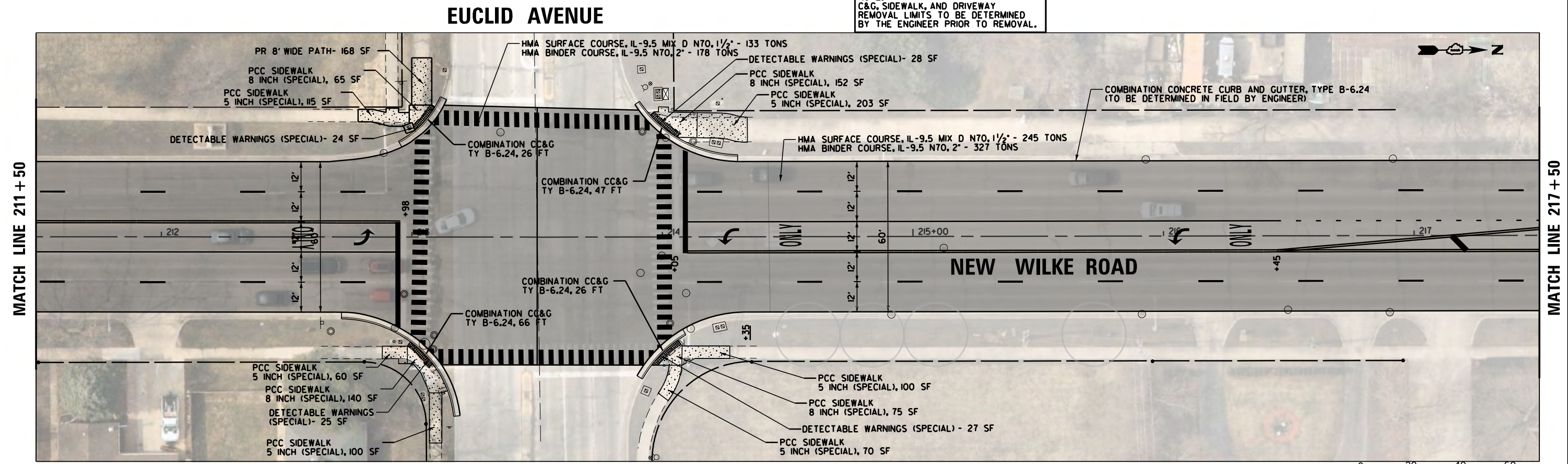
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	39
CONTRACT NO. 61J73				
<small>ILLINOIS FED. AID PROJECT</small>				



PROPOSED LEGEND

- PR BIT DRIVEWAY
- PR SIDEWALK
- PR CONC DRIVEWAY
- CORR MEDIAN
- LANDSCAPE MEDIAN

NOTE:
C&G, SIDEWALK, AND DRIVEWAY
REMOVAL LIMITS TO BE DETERMINED
BY THE ENGINEER PRIOR TO REMOVAL.



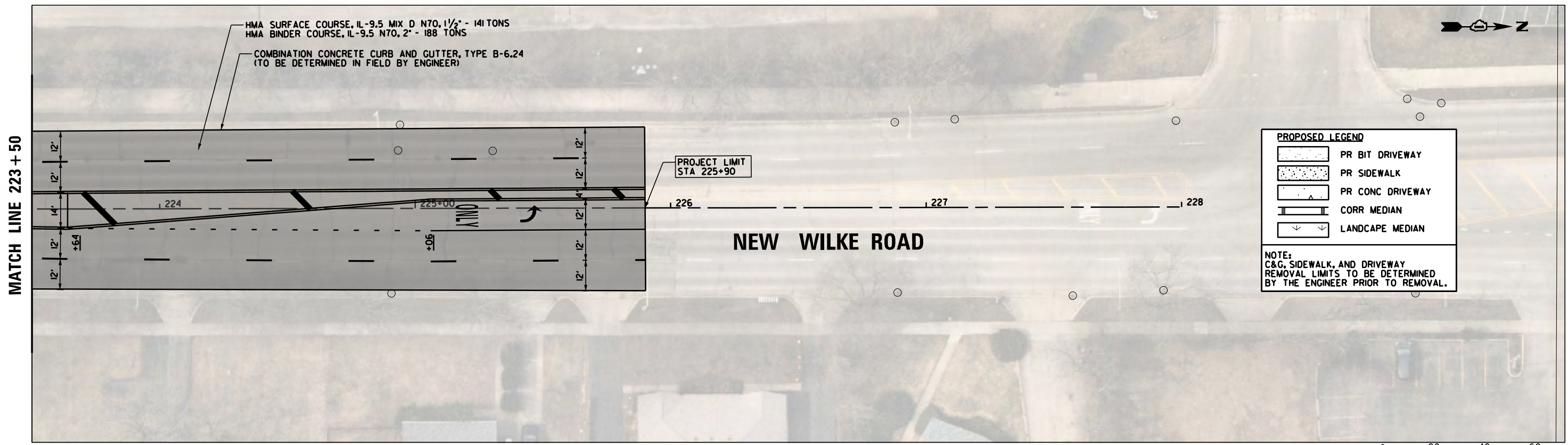
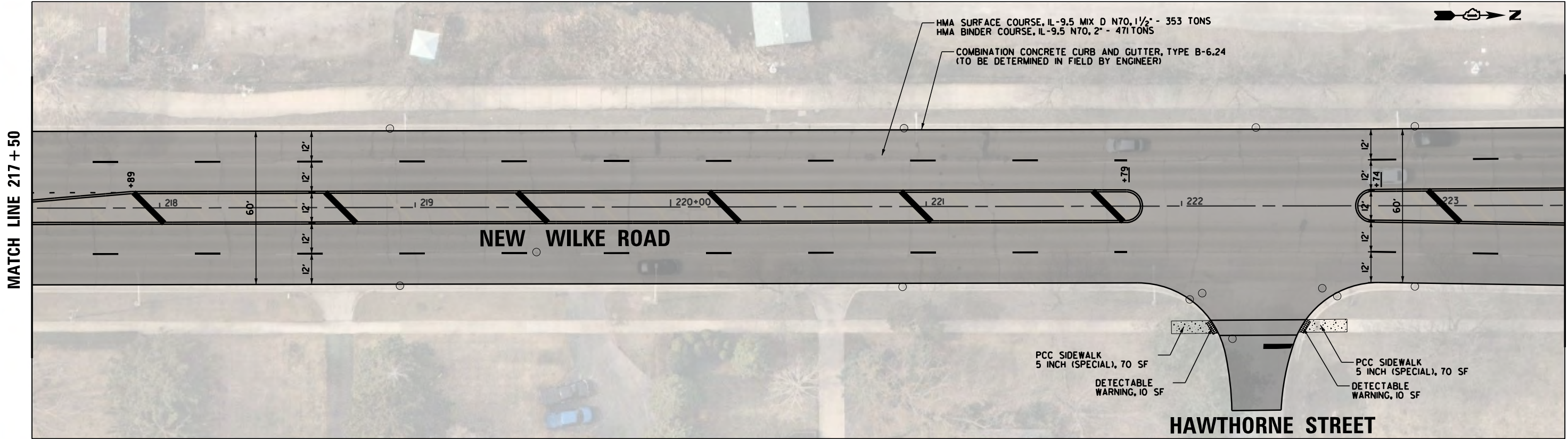
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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
PROPOSED PLAN**

SCALE: 40' SHEET OF SHEETS STA. TO STA.

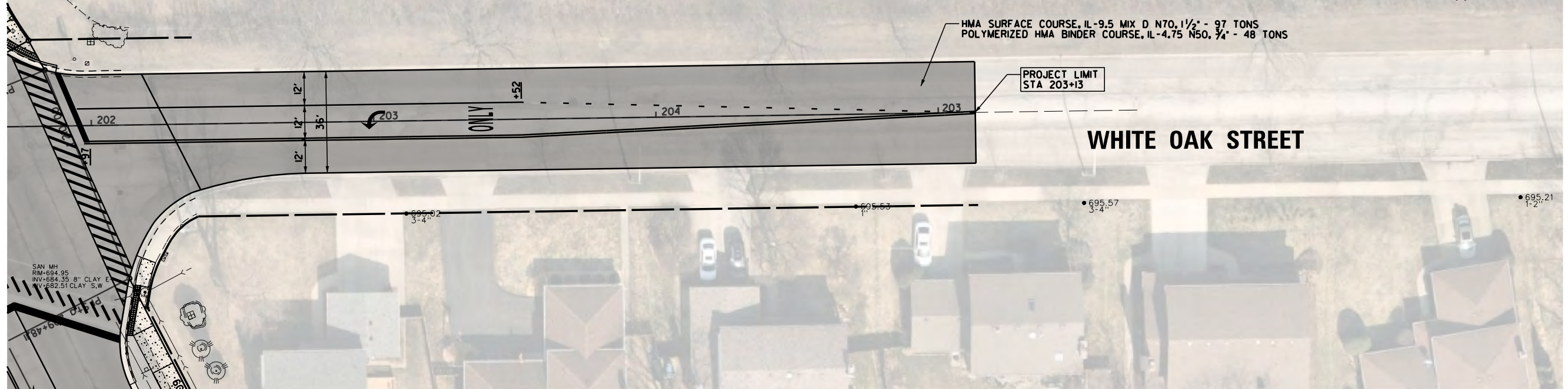
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	40
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



FILE NAME = N:\Arlington Heights\220543\Civil\220543	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD PROPOSED PLAN			M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	NW_11.sht	DRAWN - PM	REVISED -					2134	22-00217-00-RS	COOK	136	41
	PLOT SCALE = 48"	CHECKED - GR	REVISED -		CONTRACT NO. 6IJ73							
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -		ILLINOIS FED. AID PROJECT							

L = 19.40'
 E = 0.44'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 210+39.82
 P.T. STA = 210+59.22

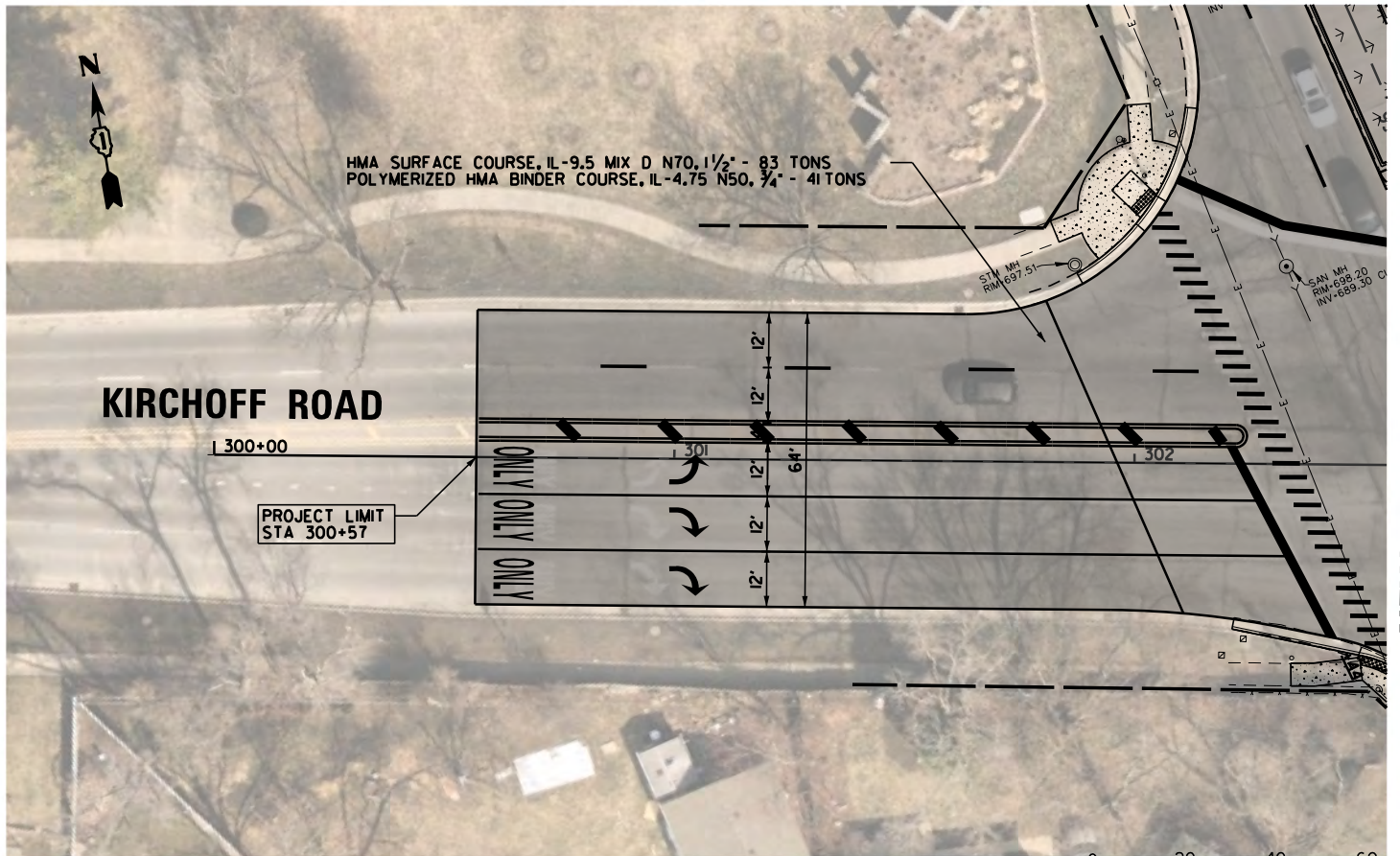
NEW WILKE ROAD



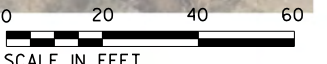
PROPOSED LEGEND

- PR BIT DRIVEWAY
- PR SIDEWALK
- PR CONC DRIVEWAY
- CORR MEDIAN
- LANDCAPE MEDIAN

NOTE:
 C&G, SIDEWALK, AND DRIVEWAY
 REMOVAL LIMITS TO BE DETERMINED
 BY THE ENGINEER PRIOR TO REMOVAL.



NEW WILKE ROAD



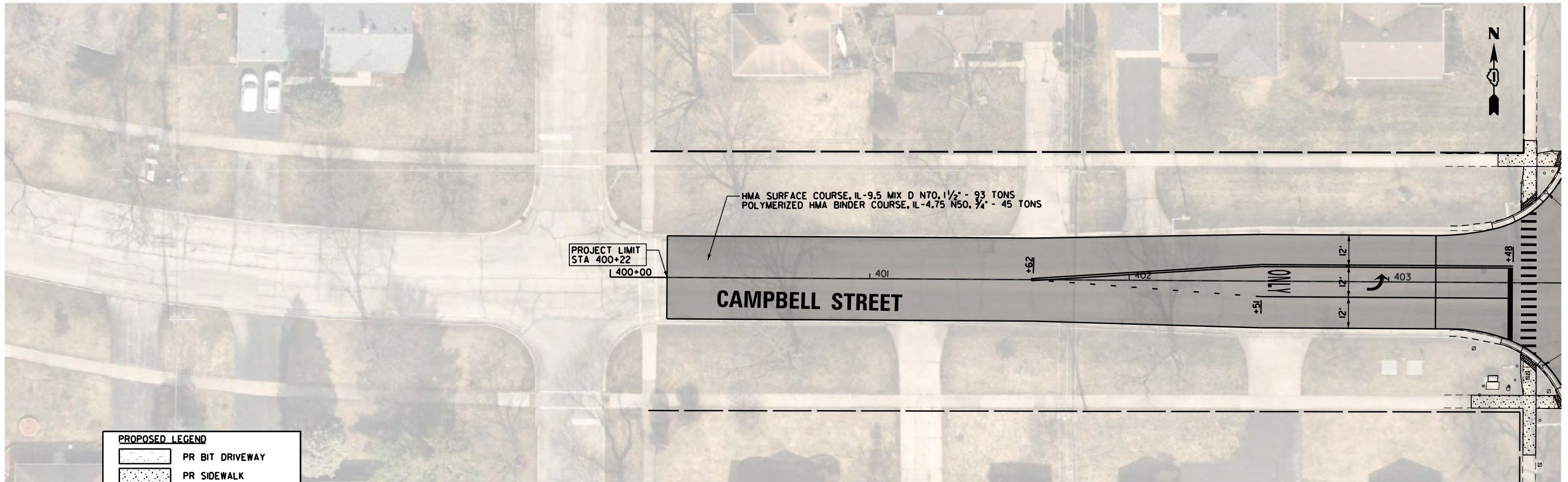
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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WHITE OAK STREET AND KIRCHOFF ROAD (NORTH)
 PROPOSED PLAN

SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	42
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

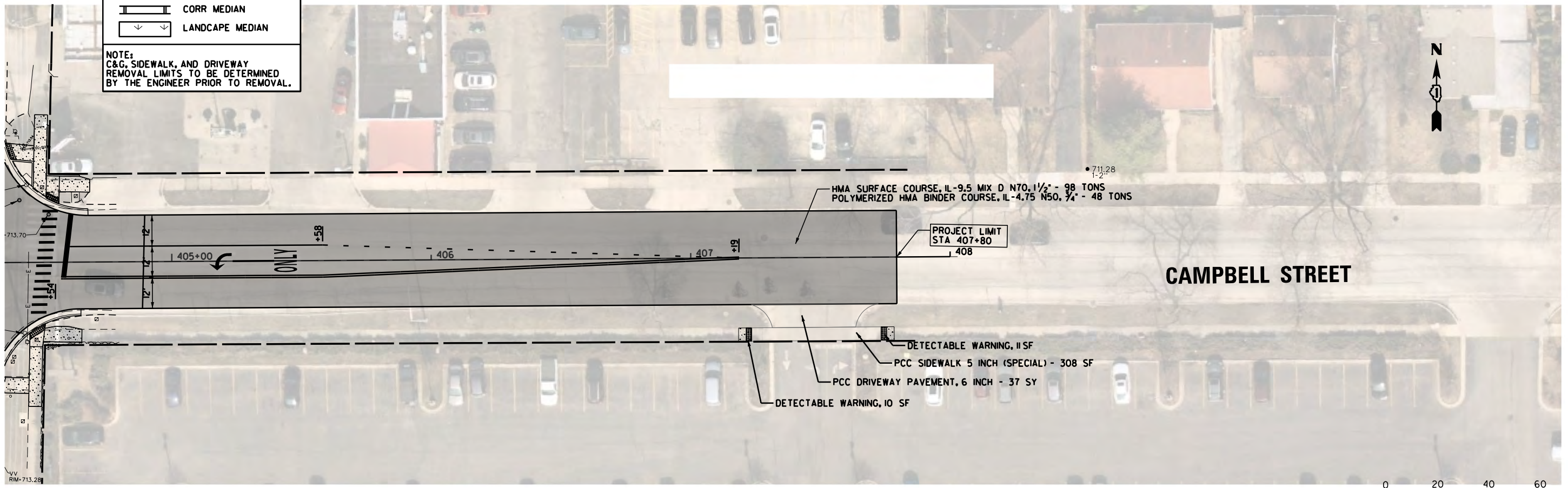


NEW WILKE ROAD

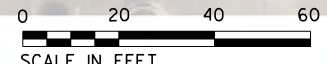
PROPOSED LEGEND

	PR BIT DRIVEWAY
	PR SIDEWALK
	PR CONC DRIVEWAY
	CORR MEDIAN
	LANDCAPE MEDIAN

NOTE:
C&G, SIDEWALK, AND DRIVEWAY
REMOVAL LIMITS TO BE DETERMINED
BY THE ENGINEER PRIOR TO REMOVAL.



NEW WILKE ROAD



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
N:\Ar\linton Heights\220543\Civil\220543	XCA_13_PRO.sht	DRAWN - PM	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CAMPBELL STREET
PROPOSED PLAN

SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	43
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

SUGGESTED CONSTRUCTION SEQUENCE

- STAGE 1 -** RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
 FRAME AND LID ADJUSTMENT (BD-08) PRIOR TO MILLING
 HMA SURFACE REMOVAL OF OUTSIDE LANES AND SIDE ROADS
 PLACE TEMPORARY RAMPS AT CROSS ROADS
 TEMPORARY PAVEMENT MARKINGS - PAINT
- STAGE 2 -** COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT
 STRUCTURES TO BE RECONSTRUCTED (EXTERIOR LANES NB & SB)
 PATCHING (EXTERIOR LANES NB & SB)
 SIDEWALK REMOVAL & REPLACEMENT
 DRIVEWAY AND SIDEROAD ENTRANCE PAVEMENT REMOVAL & REPLACEMENT
 MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS ON OUTSIDE LANES
 PLACE BINDER COURSE ON OUTSIDE LANES
- STAGE 3 -** STRUCTURES TO BE RECONSTRUCTED (INTERIOR LANES NB & SB)
 FRAME AND LID ADJUSTMENT (BD-08) PRIOR TO MILLING
 HMA SURFACE REMOVAL (INTERIOR 3 LANES)
 PLACE TEMPORARY RAMPS AT CROSS STREET
 PATCHING (INTERIOR LANES NB & SB)
 CONSTRUCT LANDSCAPED MEDIANS (STA. 112+50 TO STA. 168+58)
 ROADWAY PATCHING (CENTERLINE LANE - LEFT TURN, TWO-WAY LEFT TURN, & STRIPED MEDIAN)
 STRUCTURES TO BE RECONSTRUCTED (CENTERLINE LANE - LEFT TURN, TWO-WAY LEFT TURN, & STRIPED MEDIAN)
 MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS HMA BINDER COURSE
- STAGE 4 -** DETECTOR LOOP REPLACEMENT
 FRAME AND LID ADJUSTMENT (BD-08) PRIOR TO HMA SURFACE COURSE
 PARKWAY RESTORATION - SODDING (COMPLETE)
 HMA SURFACE COURSE PAVING
 THERMOPLASTIC PAVEMENT MARKINGS (COMPLETE)

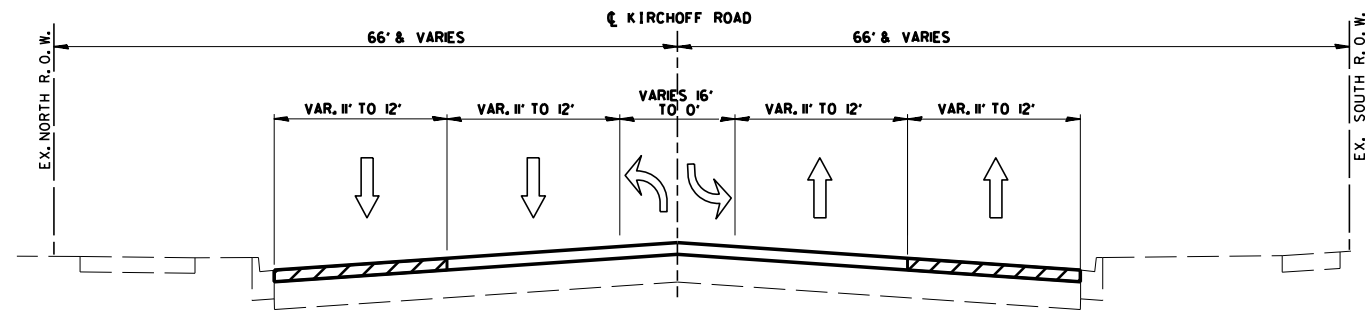
NOTE: DURING STAGE 3, A LEFT TURN LANE MUST BE MAINTAINED DURING CONSTRUCTION AT ALL TIMES AT SIGNALIZED INTERSECTIONS PER TC - 14.

NOTE: STANDARDS LISTED BELOW SHOULD BE USED AS APPLICABLE AT EACH STAGE OF MAINTENANCE OF TRAFFIC PLAN

REQUIRED DAY CLOSURE STANDARDS

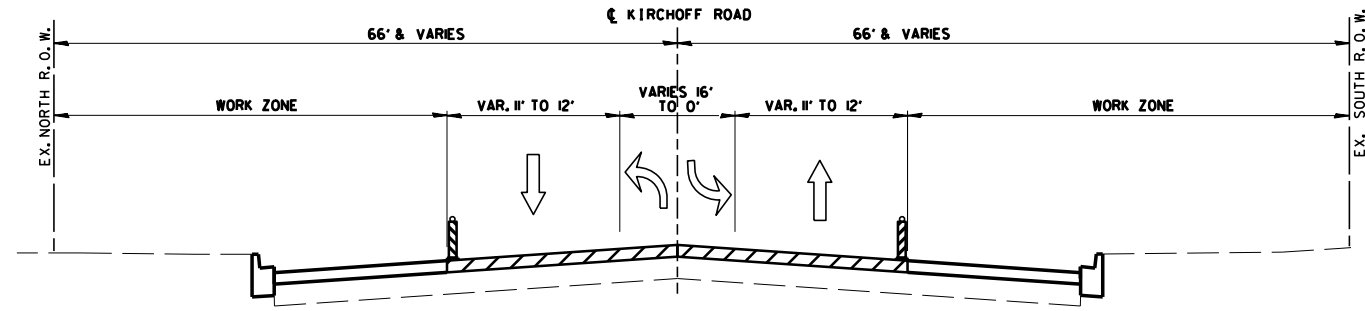
- 701006-05 OFF ROAD OPERATION 2 LANE 2 WAY 15 FEET TO EDGE OF PAVEMENT
- 701101-05 OFF ROAD OPERATION MULTILANE LESS THAN 15 FEET TO EDGE OF PAVEMENT
- 701301-04 LANE CLOSURE, 2 LANE 2 WAY SHORT TIME OPERATION
- 701311-03 LANE CLOSURE 2 LANE 2 WAY MOVING OPERATION DAYTIME ONLY
- 701427-05 LANE CLOSURE, MULTI-LANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2 LANE 2 WAY UNDIVIDED
- 701502-09 URBAN LANE CLOSURE, 2 LANE 2 WAY WITH BIDIRECT LEFT TURN LANE
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRANSVERSAL MEDIAN
- 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK CORNER OR CROSSWALK CLOSURE

NOTE:
 CONTRACTOR SHALL MILL OUTSIDE LANES ONLY WHILE COMPLETING WORK IN STAGE 2 BEFORE MILLING AND THEN PLACE BINDER ON OUTSIDE LANES BEFORE MOVING ON TO STAGE 3.



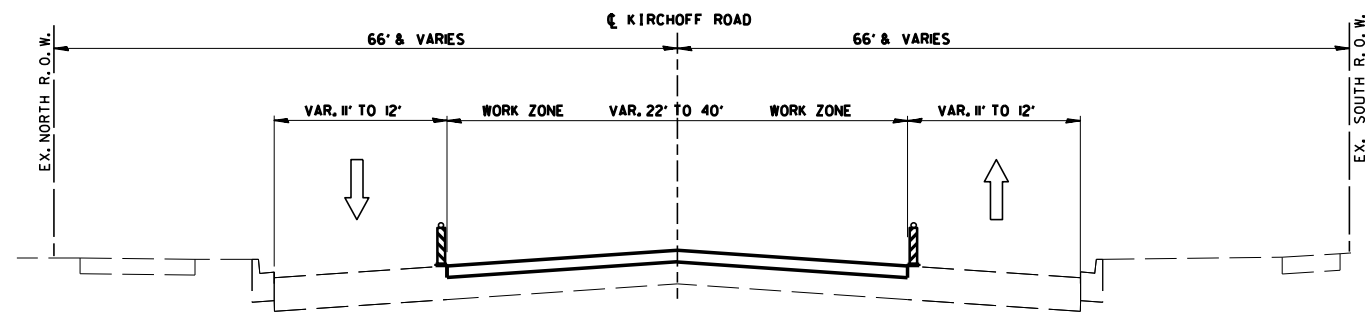
STAGE 1 - SUGGESTED MAINTENANCE OF TRAFFIC

TYPICAL SECTION
 WILKE ROAD



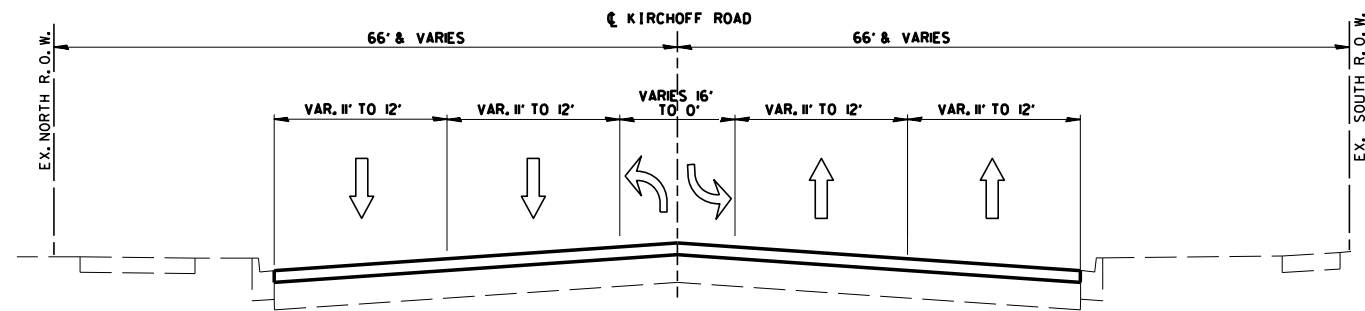
STAGE 2 - SUGGESTED MAINTENANCE OF TRAFFIC

TYPICAL SECTION
 WILKE ROAD



STAGE 3 - SUGGESTED MAINTENANCE OF TRAFFIC

TYPICAL SECTION
 WILKE ROAD



STAGE 4 - SUGGESTED MAINTENANCE OF TRAFFIC

TYPICAL SECTION
 KIRCHOFF ROAD
 STA. 103+45 TO STA. 181+54

FILE NAME =	USER NAME = jjezierny	DESIGNED - GR	REVISED -
N:\Arlington Heights\220543\Civil\220543	MOT-01.sht	DRAWN - PM	REVISED -
Default	PLOT SCALE = 60'	CHECKED - GR	REVISED -
	PLOT DATE = 11/28/2023	DATE - 11/28/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

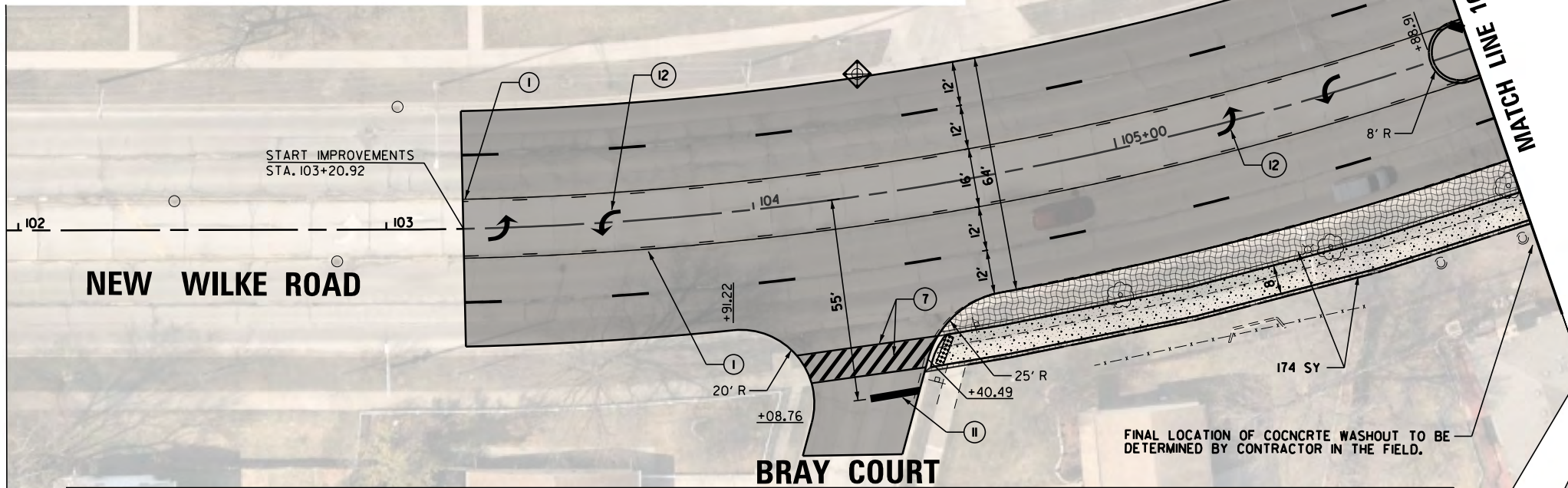
NEW WILKE ROAD
 SUGGESTED MOT

SCALE: 60' SHEET OF SHEETS STA. TO STA.

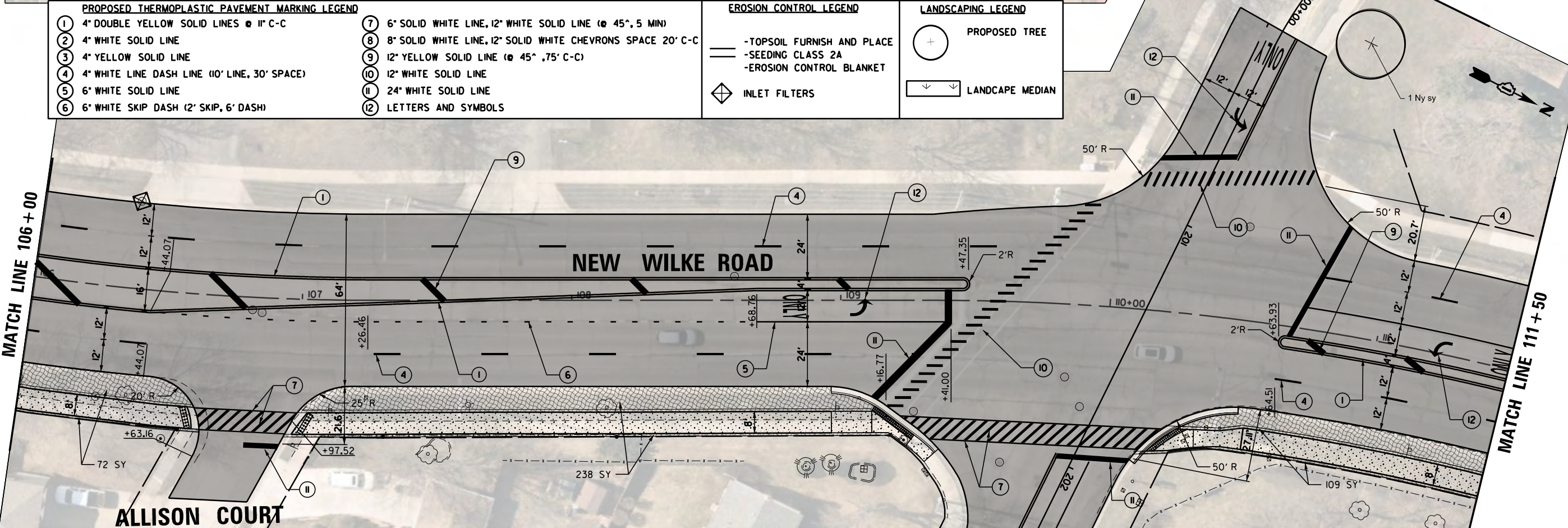
M.I.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	44
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF CONSTRUCTION ACTIVITIES

TASK 1	TASK 2	TASK 3	TASK 4	TASK 5
INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES	CLEARING AND GRADING	DISPOSAL OF CONSTRUCTION WASTE	PERMANENT STABILIZATION	REMOVAL OF TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES
MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL PRACTICES				



PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND		EROSION CONTROL LEGEND	LANDSCAPING LEGEND
① 4" DOUBLE YELLOW SOLID LINES @ 1" C-C	⑦ 6" SOLID WHITE LINE, 12" WHITE SOLID LINE @ 45°, 5 MIN	- TOPSOIL FURNISH AND PLACE	⊕ PROPOSED TREE
② 4" WHITE SOLID LINE	⑧ 8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C	- SEEDING CLASS 2A	▭ LANDSCAPE MEDIAN
③ 4" YELLOW SOLID LINE	⑨ 12" YELLOW SOLID LINE @ 45°, .75' C-C	- EROSION CONTROL BLANKET	
④ 4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)	⑩ 12" WHITE SOLID LINE	◆ INLET FILTERS	
⑤ 6" WHITE SOLID LINE	⑪ 24" WHITE SOLID LINE		
⑥ 6" WHITE SKIP DASH (2' SKIP, 6' DASH)	⑫ LETTERS AND SYMBOLS		



WHITE OAK STREET
SEE SHEET 51

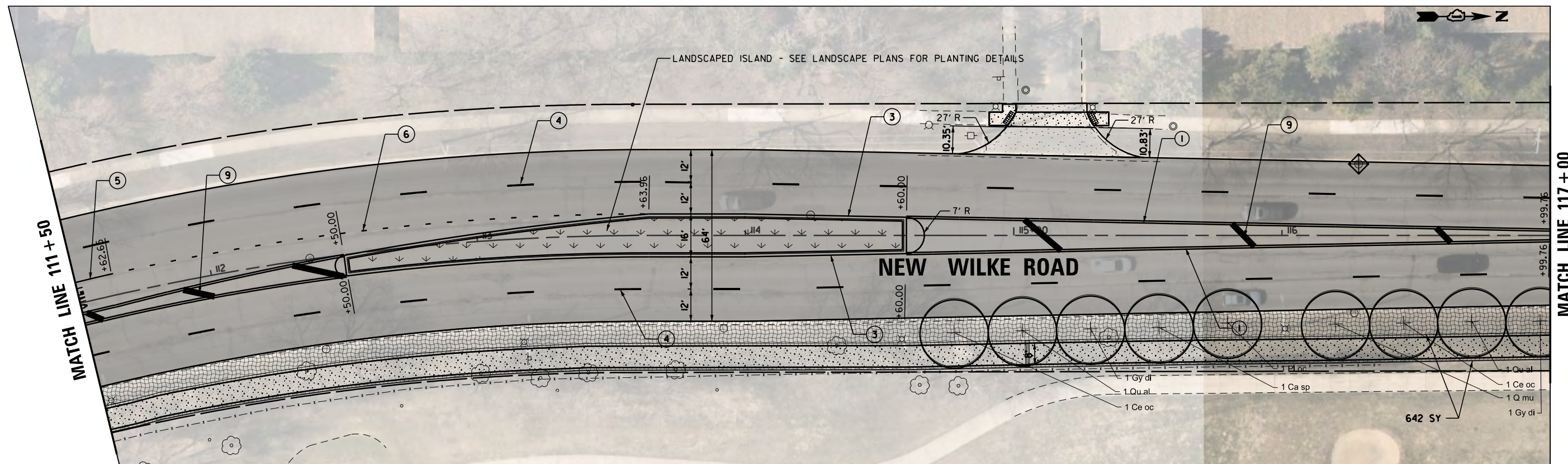


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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD			
EROSION CONTROL/LANDSCAPING/STRIPING PLAN			
SCALE: 40'	SHEET	OF SHEETS	STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	45
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



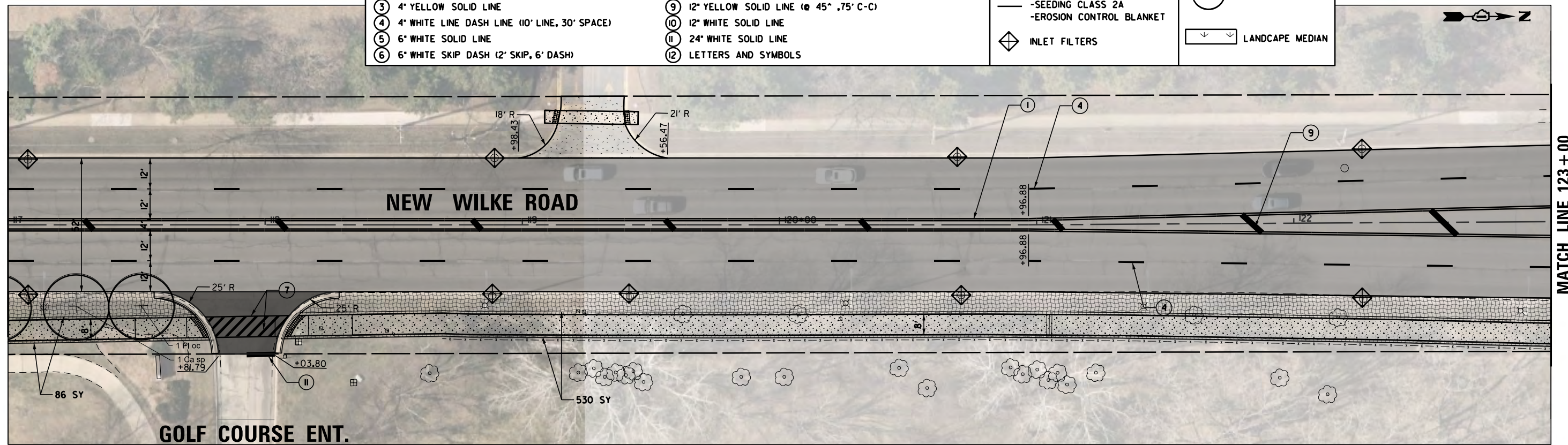
MATCH LINE 111+50

MATCH LINE 117+00

PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND	
①	4" DOUBLE YELLOW SOLID LINES @ 11" C-C
②	4" WHITE SOLID LINE
③	4" YELLOW SOLID LINE
④	4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)
⑤	6" WHITE SOLID LINE
⑥	6" WHITE SKIP DASH (2' SKIP, 6' DASH)
⑦	6" SOLID WHITE LINE, 12" WHITE SOLID LINE @ 45°, 5 MIN
⑧	8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C
⑨	12" YELLOW SOLID LINE @ 45°, .75" C-C
⑩	12" WHITE SOLID LINE
⑪	24" WHITE SOLID LINE
⑫	LETTERS AND SYMBOLS

EROSION CONTROL LEGEND	
	-TOPSOIL FURNISH AND PLACE
	-SEEDING CLASS 2A
	-EROSION CONTROL BLANKET
	INLET FILTERS

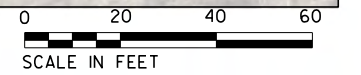
LANDSCAPING LEGEND	
	PROPOSED TREE
	LANDSCAPE MEDIAN



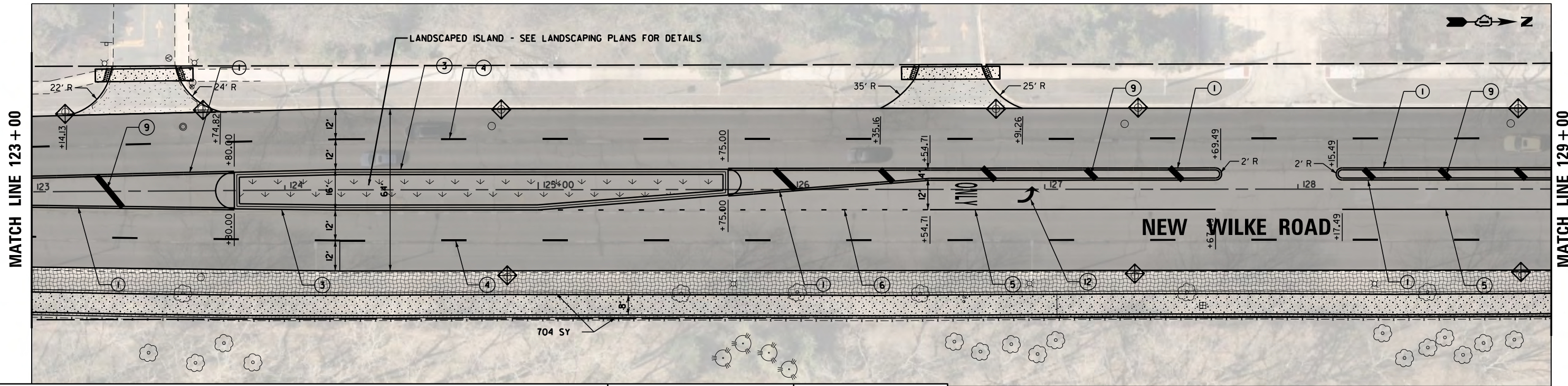
MATCH LINE 117+00

MATCH LINE 123+00

GOLF COURSE ENT.



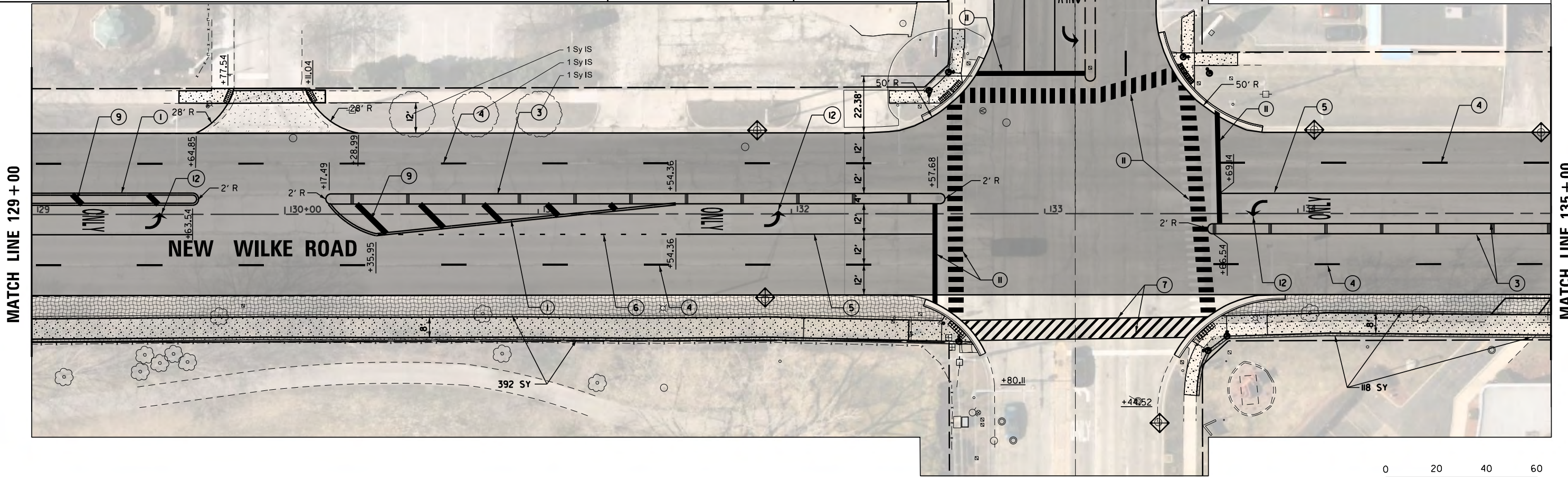
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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -		SCALE: 40'	SHEET	OF SHEETS	STA. TO STA.	CONTRACT NO. 6IJ73			
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -						ILLINOIS FED. AID PROJECT			



PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND	
①	4" DOUBLE YELLOW SOLID LINES @ 11" C-C
②	4" WHITE SOLID LINE
③	4" YELLOW SOLID LINE
④	4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)
⑤	6" WHITE SOLID LINE
⑥	6" WHITE SKIP DASH (2' SKIP, 6' DASH)
⑦	6" SOLID WHITE LINE, 12" WHITE SOLID LINE @ 45°, 5 MIN
⑧	8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C
⑨	12" YELLOW SOLID LINE @ 45°, .75' C-C
⑩	12" WHITE SOLID LINE
⑪	24" WHITE SOLID LINE
⑫	LETTERS AND SYMBOLS

EROSION CONTROL LEGEND	
	-TOPSOIL FURNISH AND PLACE
	-SEEDING CLASS 2A
	-EROSION CONTROL BLANKET
	INLET FILTERS

LANDSCAPING LEGEND	
	PROPOSED TREE
	LANDSCAPE MEDIAN



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
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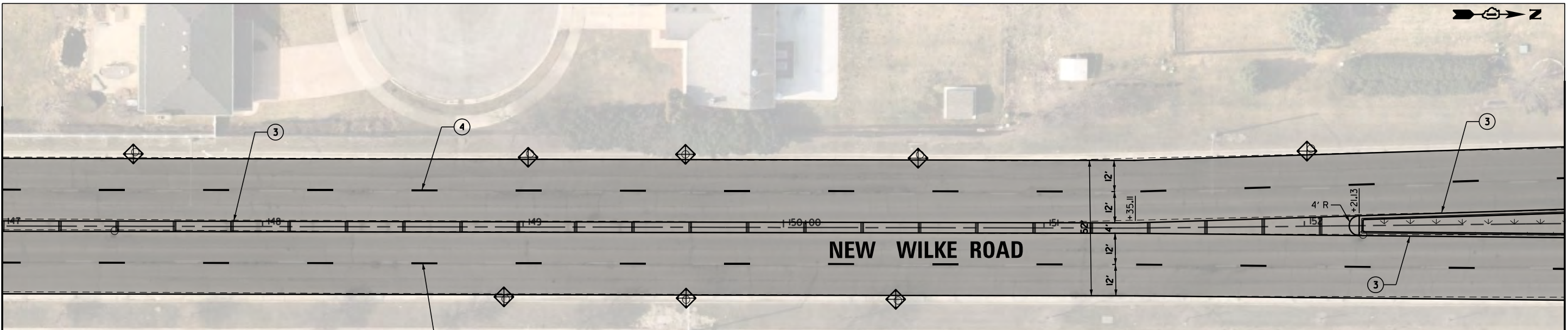
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
EROSION CONTROL/LANDSCAPING/STRIPING PLAN**

SCALE: 40' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	47
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				





MATCH LINE 147+00

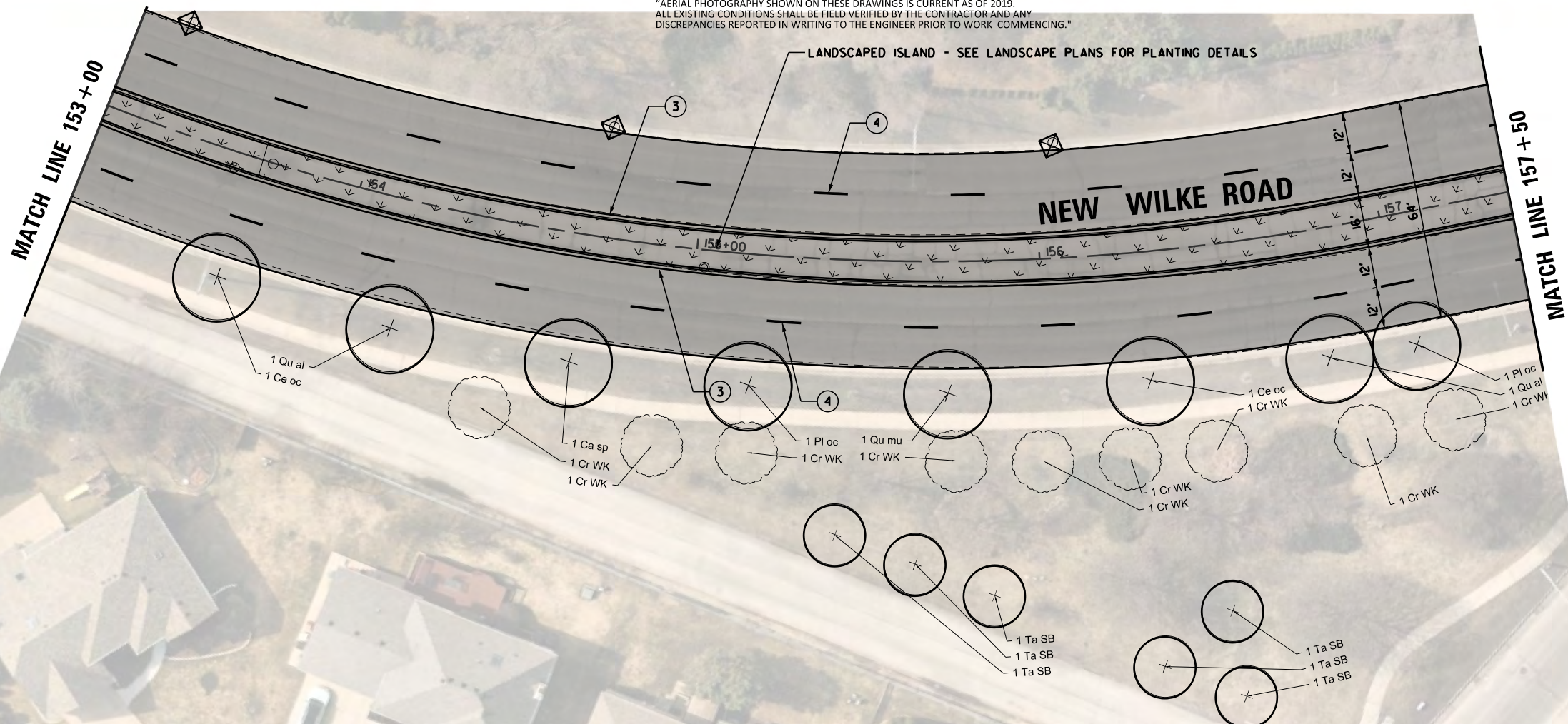
MATCH LINE 153+00

NEW WILKE ROAD

PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND			
1	4" DOUBLE YELLOW SOLID LINES @ 11' C-C	7	6" SOLID WHITE LINE, 12" WHITE SOLID LINE @ 45°, 5 MIN
2	4" WHITE SOLID LINE	8	8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C
3	4" YELLOW SOLID LINE	9	12" YELLOW SOLID LINE @ 45°, .75' C-C
4	4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)	10	12" WHITE SOLID LINE
5	6" WHITE SOLID LINE	11	24" WHITE SOLID LINE
6	6" WHITE SKIP DASH (2' SKIP, 6' DASH)	12	LETTERS AND SYMBOLS

EROSION CONTROL LEGEND		LANDSCAPING LEGEND	
—	-TOPSOIL FURNISH AND PLACE	+	PROPOSED TREE
—	-SEEDING CLASS 2A	◁ ▷	LANDSCAPE MEDIAN
◇	INLET FILTERS		

"AERIAL PHOTOGRAPHY SHOWN ON THESE DRAWINGS IS CURRENT AS OF 2019. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES REPORTED IN WRITING TO THE ENGINEER PRIOR TO WORK COMMENCING."



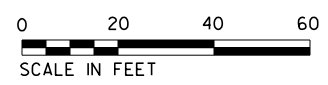
MATCH LINE 153+00

MATCH LINE 157+50

NEW WILKE ROAD

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

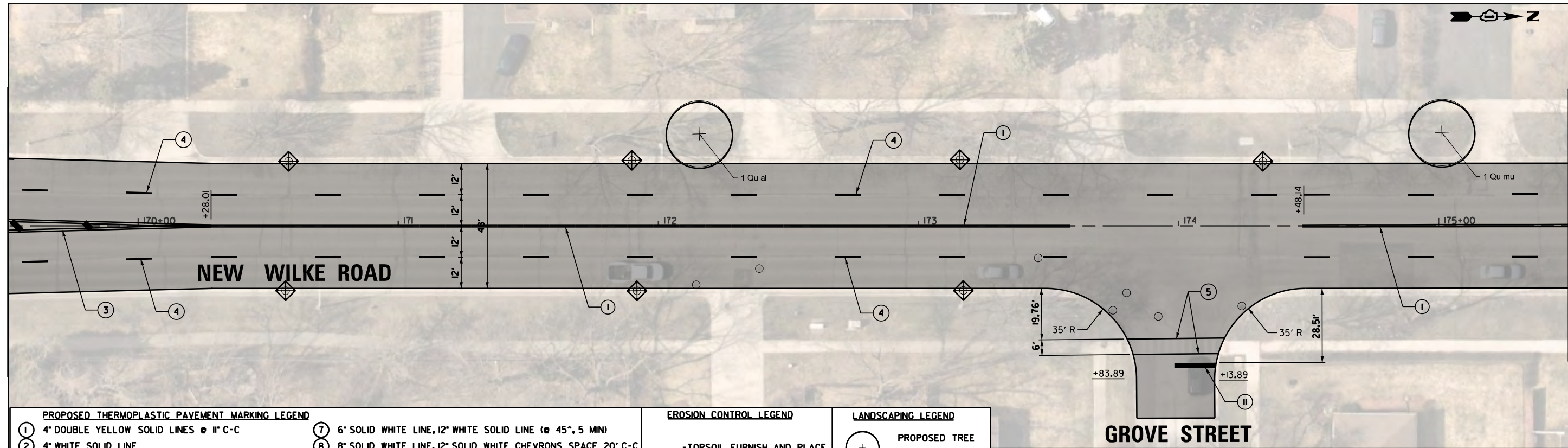
**NEW WILKE ROAD
EROSION CONTROL/LANDSCAPING/STRIPING PLAN**



FILE NAME = N:\Arlington Heights\220543\Civil\220543	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD EROSION CONTROL/LANDSCAPING/STRIPING PLAN	M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 10/2/2023	CHECKED - GR	REVISED -			CONTRACT NO. 61J73					
		DATE - 10/2/2023	REVISED -			ILLINOIS FED. AID PROJECT					

MATCH LINE 169+50

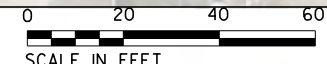
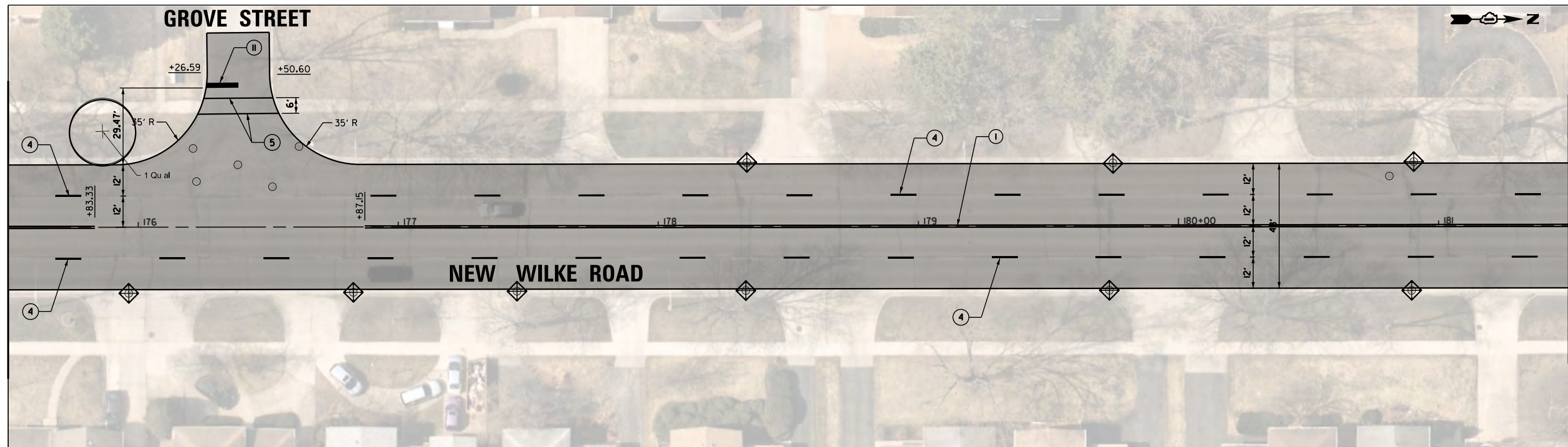
MATCH LINE 175+50



PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND		EROSION CONTROL LEGEND		LANDSCAPING LEGEND	
①	4" DOUBLE YELLOW SOLID LINES @ 11" C-C	⑦	6" SOLID WHITE LINE, 12" WHITE SOLID LINE @ 45°, 5 MIN	+	PROPOSED TREE
②	4" WHITE SOLID LINE	⑧	8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C	▭	LANDSCAPE MEDIAN
③	4" YELLOW SOLID LINE	⑨	12" YELLOW SOLID LINE @ 45°, .75' C-C	▭	LANDSCAPE MEDIAN
④	4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)	⑩	12" WHITE SOLID LINE	▭	LANDSCAPE MEDIAN
⑤	6" WHITE SOLID LINE	⑪	24" WHITE SOLID LINE		
⑥	6" WHITE SKIP DASH (2' SKIP, 6' DASH)	⑫	LETTERS AND SYMBOLS		
		▭	-TOPSOIL FURNISH AND PLACE		
		▭	-SEEDING CLASS 2A		
		▭	-EROSION CONTROL BLANKET		
		◆	INLET FILTERS		

MATCH LINE 175+50

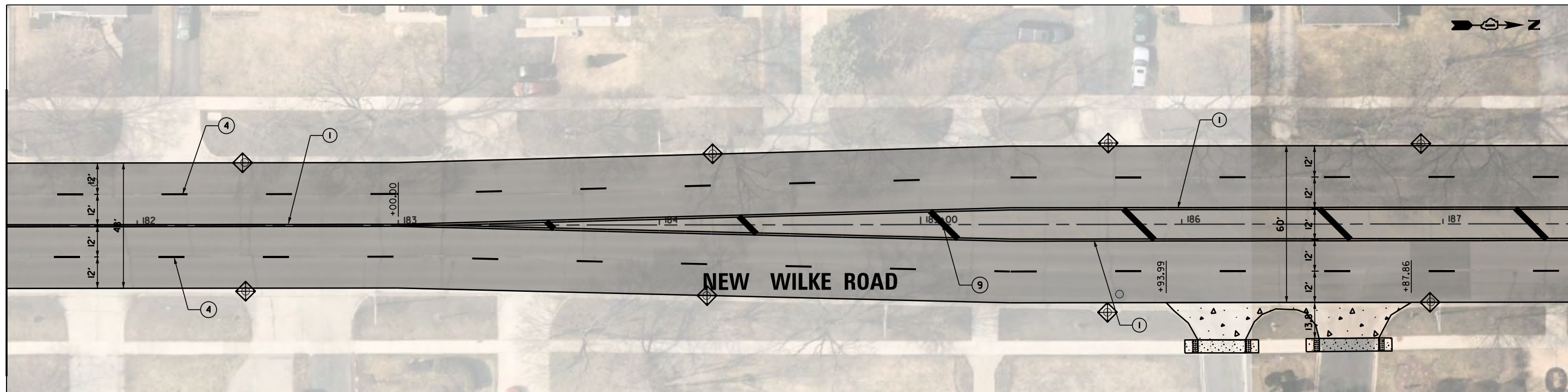
MATCH LINE 181+50



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD EROSION CONTROL/LANDSCAPING/STRIPING PLAN		M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
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	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -									ILLINOIS FED. AID PROJECT				

MATCH LINE 181+50

MATCH LINE 187+50

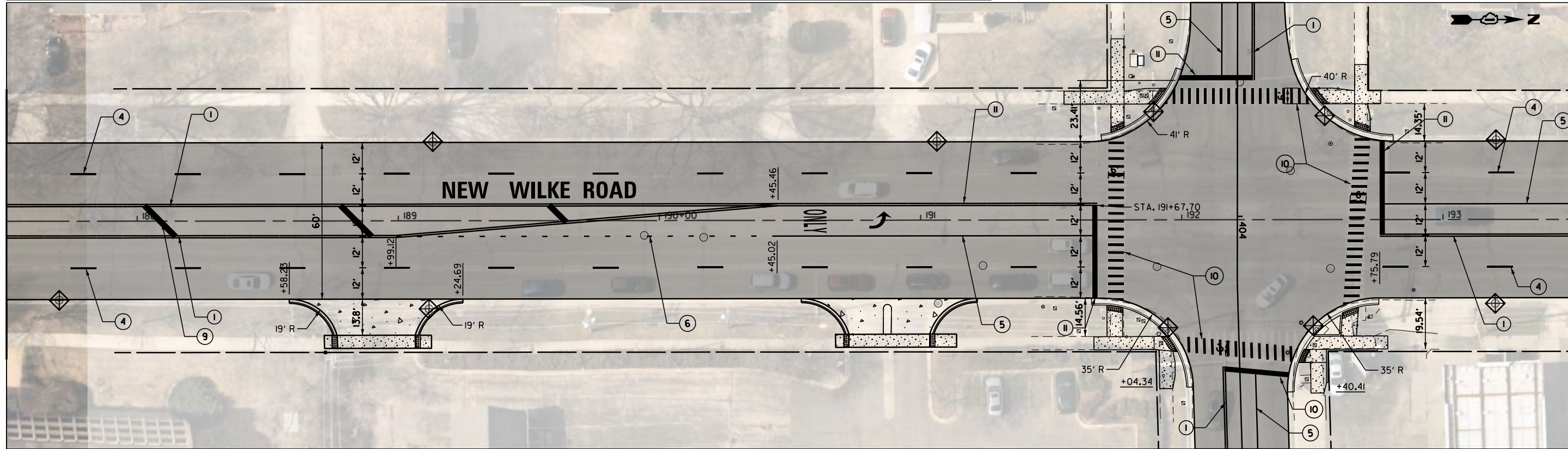


PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND		EROSION CONTROL LEGEND	LANDSCAPING LEGEND
① 4" DOUBLE YELLOW SOLID LINES @ 11' C-C	⑦ 6" SOLID WHITE LINE, 12" WHITE SOLID LINE @ 45°, 5 MIN	-TOPSOIL FURNISH AND PLACE	⊕ PROPOSED TREE
② 4" WHITE SOLID LINE	⑧ 8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C	-SEEDING CLASS 2A	▭ LANDSCAPE MEDIAN
③ 4" YELLOW SOLID LINE	⑨ 12" YELLOW SOLID LINE @ 45°, 75' C-C	-EROSION CONTROL BLANKET	
④ 4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)	⑩ 12" WHITE SOLID LINE	◆ INLET FILTERS	
⑤ 6" WHITE SOLID LINE	⑪ 24" WHITE SOLID LINE		
⑥ 6" WHITE SKIP DASH (2' SKIP, 6' DASH)	⑫ LETTERS AND SYMBOLS		

SEE SHEET 52
CAMPBELL STREET

MATCH LINE 187+50

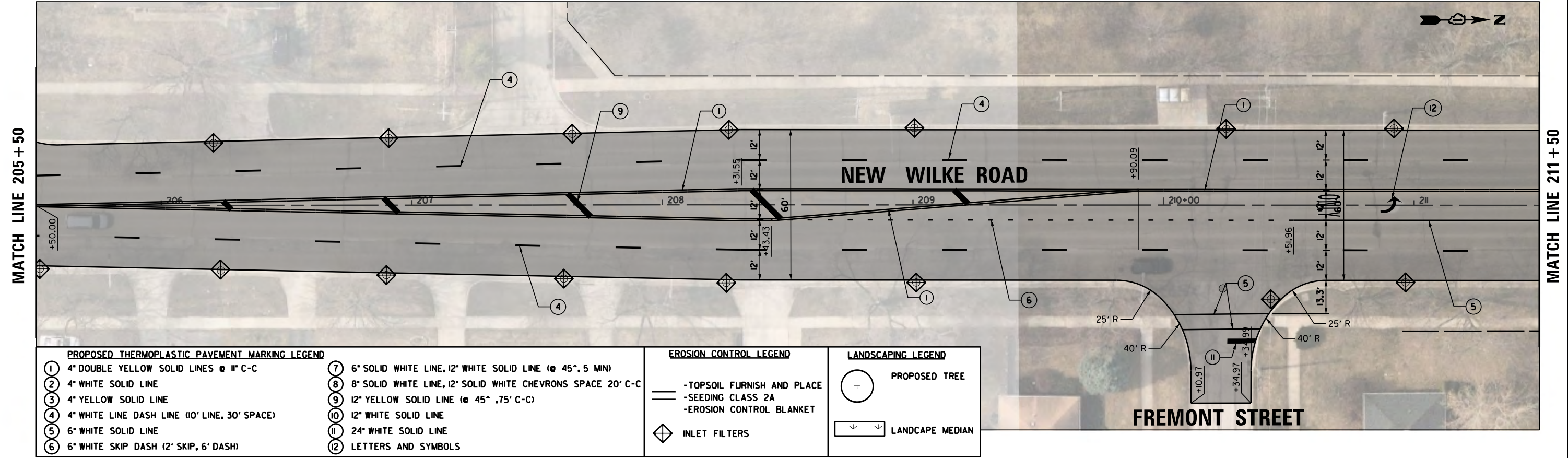
MATCH LINE 193+50



CAMPBELL STREET
SEE SHEET 52

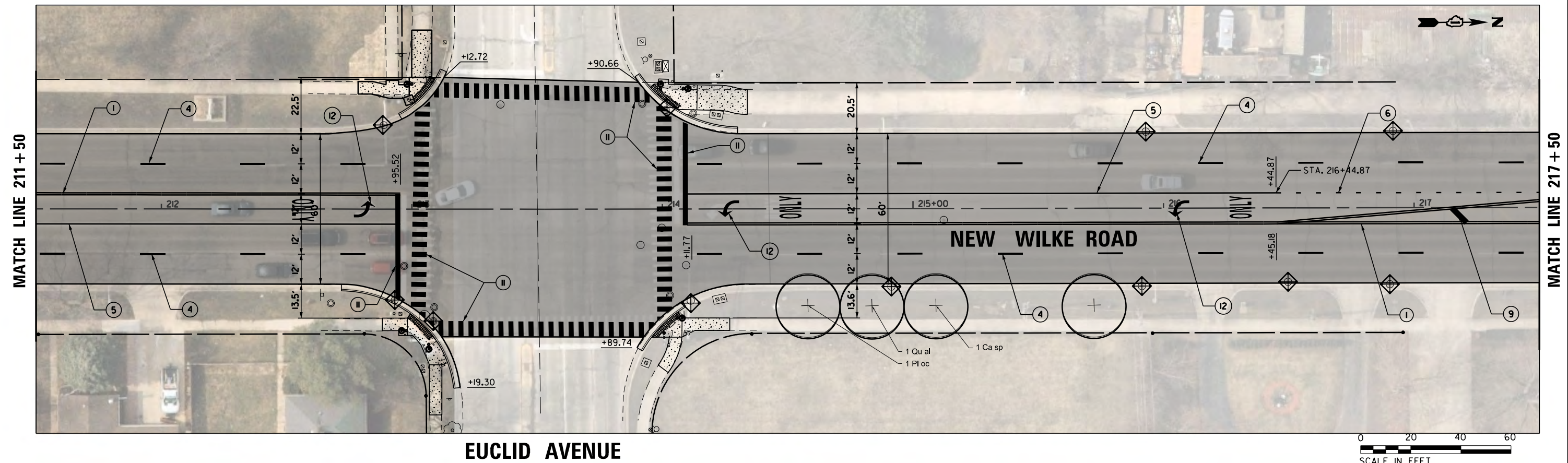


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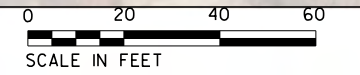


PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND		EROSION CONTROL LEGEND	LANDSCAPING LEGEND
① 4" DOUBLE YELLOW SOLID LINES @ 11" C-C	⑦ 6" SOLID WHITE LINE, 12" WHITE SOLID LINE @ 45°, 5 MIN	-TOPSOIL FURNISH AND PLACE	⊕ PROPOSED TREE
② 4" WHITE SOLID LINE	⑧ 8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C	-SEEDING CLASS 2A	▭ LANDSCAPE MEDIAN
③ 4" YELLOW SOLID LINE	⑨ 12" YELLOW SOLID LINE @ 45°, 75' C-C	-EROSION CONTROL BLANKET	
④ 4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)	⑩ 12" WHITE SOLID LINE	◇ INLET FILTERS	
⑤ 6" WHITE SOLID LINE	⑪ 24" WHITE SOLID LINE		
⑥ 6" WHITE SKIP DASH (2' SKIP, 6' DASH)	⑫ LETTERS AND SYMBOLS		

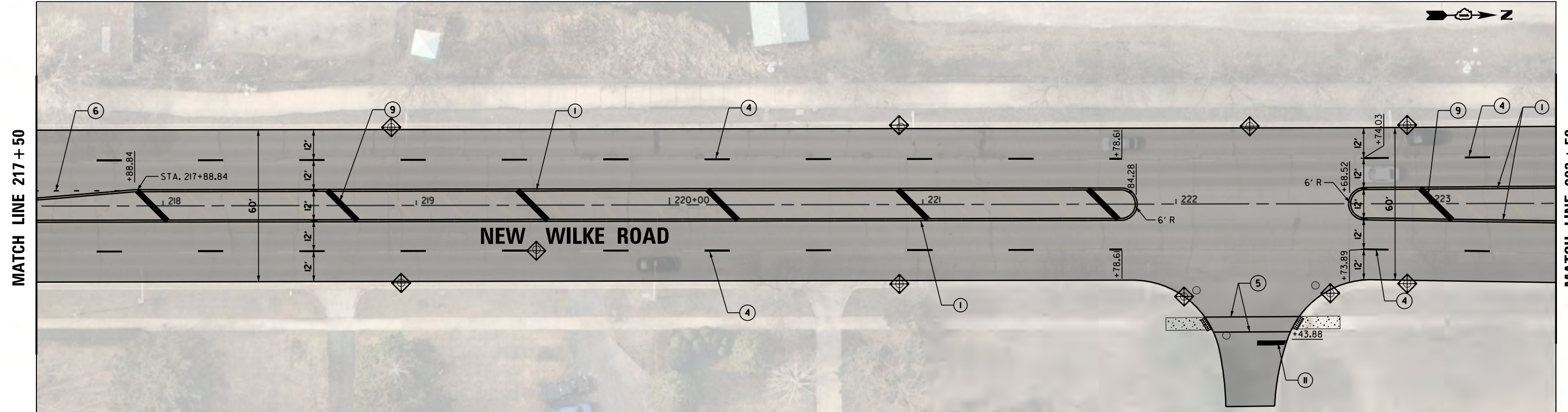
EUCLID AVENUE



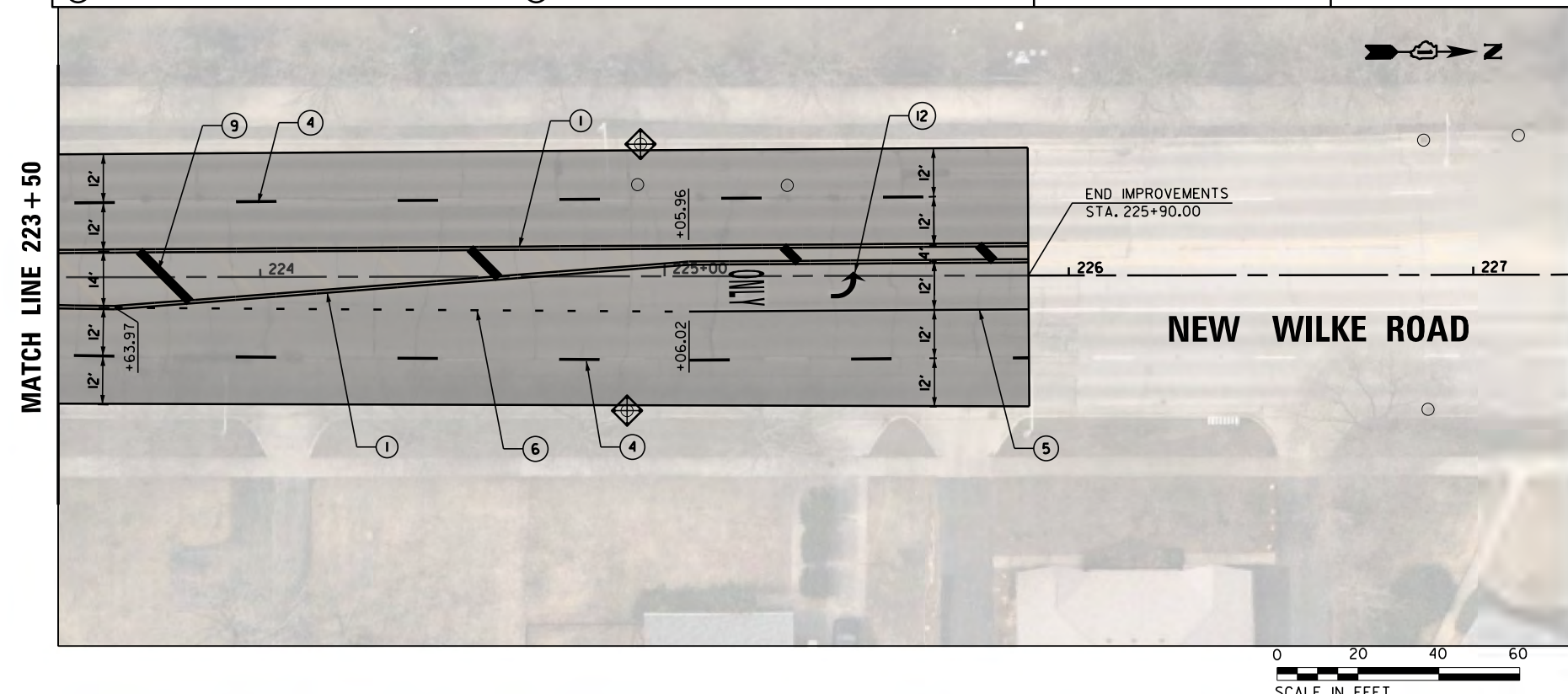
EUCLID AVENUE



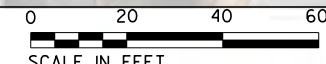
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N:\Arlington Heights\220543\Civil\220543	NW_PMK_10.sht	DRAWN - PM	REVISED -		SCALE: 40'	SHEET	OF SHEETS	2134	22-00217-00-RS	COOK	136	54
Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -		STA.	TO STA.	CONTRACT NO. 6IJ73					
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -		ILLINOIS FED. AID PROJECT							

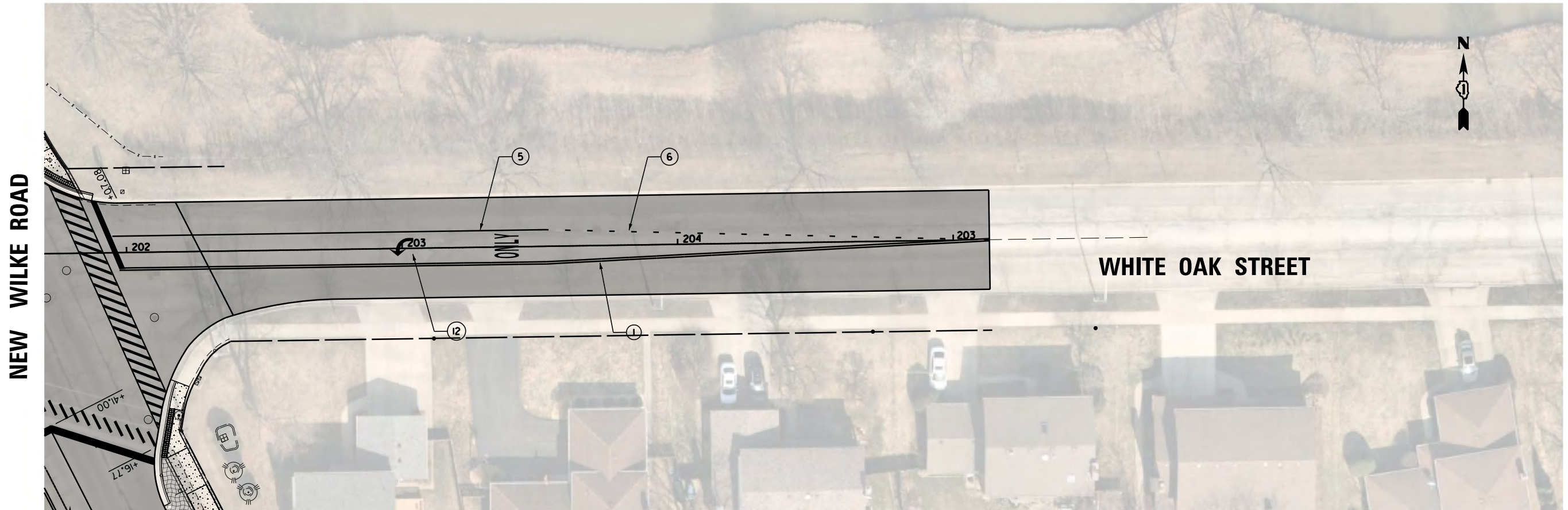


PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND		EROSION CONTROL LEGEND	LANDSCAPING LEGEND
① 4" DOUBLE YELLOW SOLID LINES @ 11" C-C	⑦ 6" SOLID WHITE LINE, 12" WHITE SOLID LINE @ 45°, 5 MIN	— TOPSOIL FURNISH AND PLACE	⊕ PROPOSED TREE
② 4" WHITE SOLID LINE	⑧ 8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C	— SEEDING CLASS 2A	⌵ LANDSCAPE MEDIAN
③ 4" YELLOW SOLID LINE	⑨ 12" YELLOW SOLID LINE @ 45°, .75' C-C	— EROSION CONTROL BLANKET	
④ 4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)	⑩ 12" WHITE SOLID LINE	◆ INLET FILTERS	
⑤ 6" WHITE SOLID LINE	⑪ 24" WHITE SOLID LINE		
⑥ 6" WHITE SKIP DASH (2' SKIP, 6' DASH)	⑫ LETTERS AND SYMBOLS		



- SOIL EROSION CONTROL AND SEDIMENT CONTROL NOTES**
- SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND / OR PERMANENT MEASURES.
 - UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. A COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN MUST BE MAINTAINED ON THE SITE AT ALL TIMES.
 - THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.
 - CONSTRUCTION ACTIVITIES MUST BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED. IN NO CASE WILL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.
 - SOIL STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA.
 - STOCKPILES OR SOIL MUST NOT BE LOCATED IN FLOODPLAINRIAN AREAS (VEGETATED FLOODPLAINS), WETLANDS, BUFFERS DEFINED BY COOK COUNTY ORDINANCE, AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER EROSION BARRIER MUST BE PROOF THE STOCKPILE IS INACTIVE FOR MORE THAN 14 DAYS, SOIL STABILIZATION MUST BE PROVIDED BY THE 7TH DAY AFTER ACTIVITY HAS STOPPED.
 - CONTRACTOR MUST INSTALL PERIMETER EROSION BARRIER AT ANY LOCATION IN WHICH SHEET FLOWS MAY RESULT IN SEDIMENT RUNOFF OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR MAY USE OTHER METHODS TO CONTROL RUNOFF, INCLUDING, BUT NOT LIMITED TO, TEMPORARY DIVERSION SWALES, TEMPORARY SEDIMENT TRAPS, SHAPED DITCHES TO CONVEY WATER, ETC.
 - THE CONTRACTOR SHALL PROVIDE A QUALIFIED PERSON WHO WILL BE RESPONSIBLE FOR CONDUCTING SITE INSPECTIONS IN COMPLIANCE WITH THE ILRIO NPDES PERMIT. AFTER EACH INSPECTION, A REPORT SHALL BE PREPARED BY THE PERSON WHO PERFORMED THE INSPECTION AND SUBMITTED TO THE VILLAGE IN A TIMELY MANNER. INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM, OR BY THE END OF THE FOLLOWING BUSINESS DAY, THAT IS 0.5 INCHES OR GREATER. INSPECTIONS MAY BE REDUCED TO ONE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. INSPECTIONS MUST COMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.5" OR GREATER RAIN EVENT, OR DISCHARGE DUE TO SNOWMELT OCCURS.

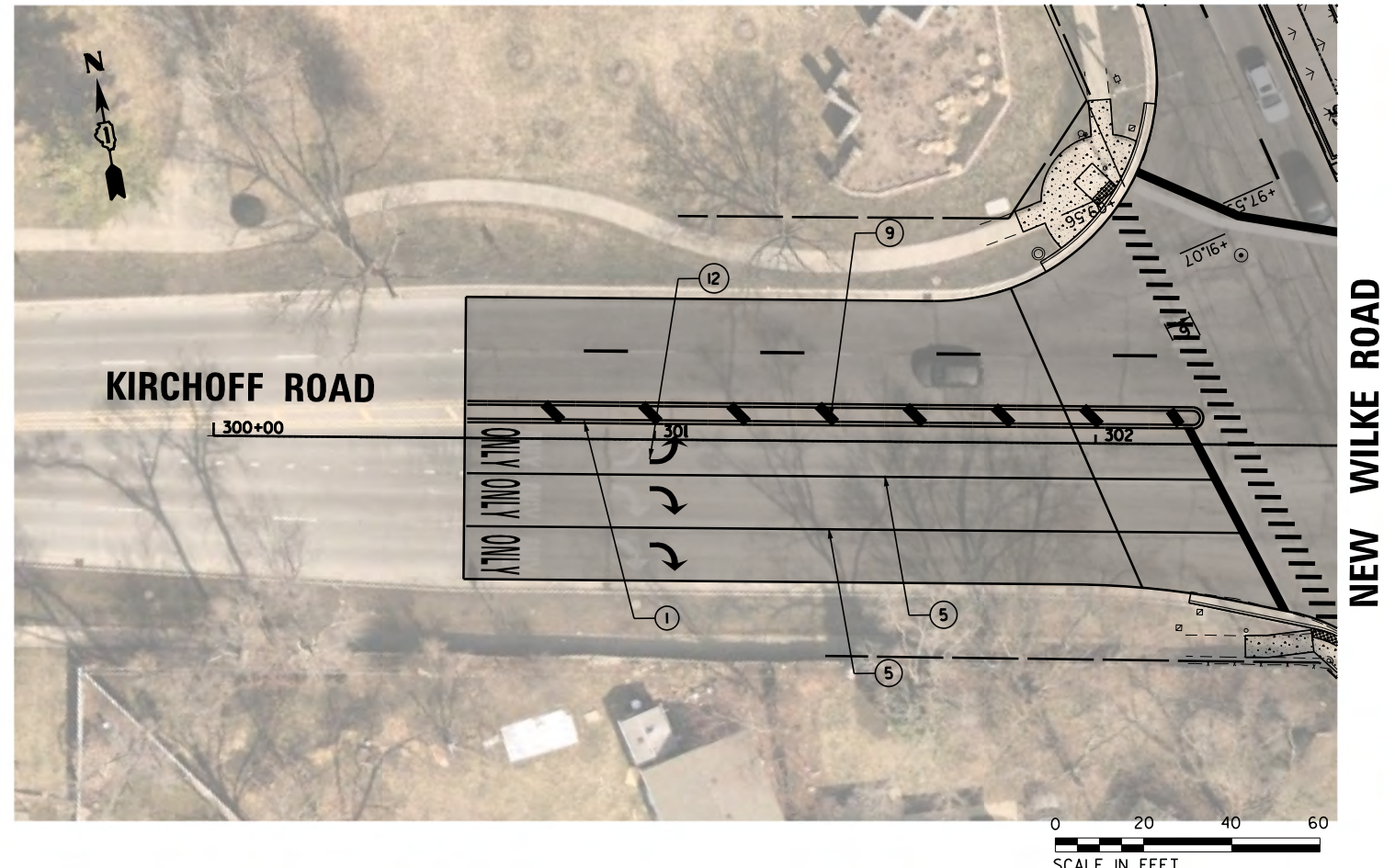




PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND

① 4" DOUBLE YELLOW SOLID LINES @ 11' C-C	⑦ 6" SOLID WHITE LINE, 12" WHITE SOLID LINE @ 45°, 5 MIN
② 4" WHITE SOLID LINE	⑧ 8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C
③ 4" YELLOW SOLID LINE	⑨ 12" YELLOW SOLID LINE @ 45°, 75' C-C
④ 4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)	⑩ 12" WHITE SOLID LINE
⑤ 6" WHITE SOLID LINE	⑪ 24" WHITE SOLID LINE
⑥ 6" WHITE SKIP DASH (2' SKIP, 6' DASH)	⑫ LETTERS AND SYMBOLS

"AERIAL PHOTOGRAPHY SHOWN ON THESE DRAWINGS IS CURRENT AS OF 2019. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES REPORTED IN WRITING TO THE ENGINEER PRIOR TO WORK COMMENCING."

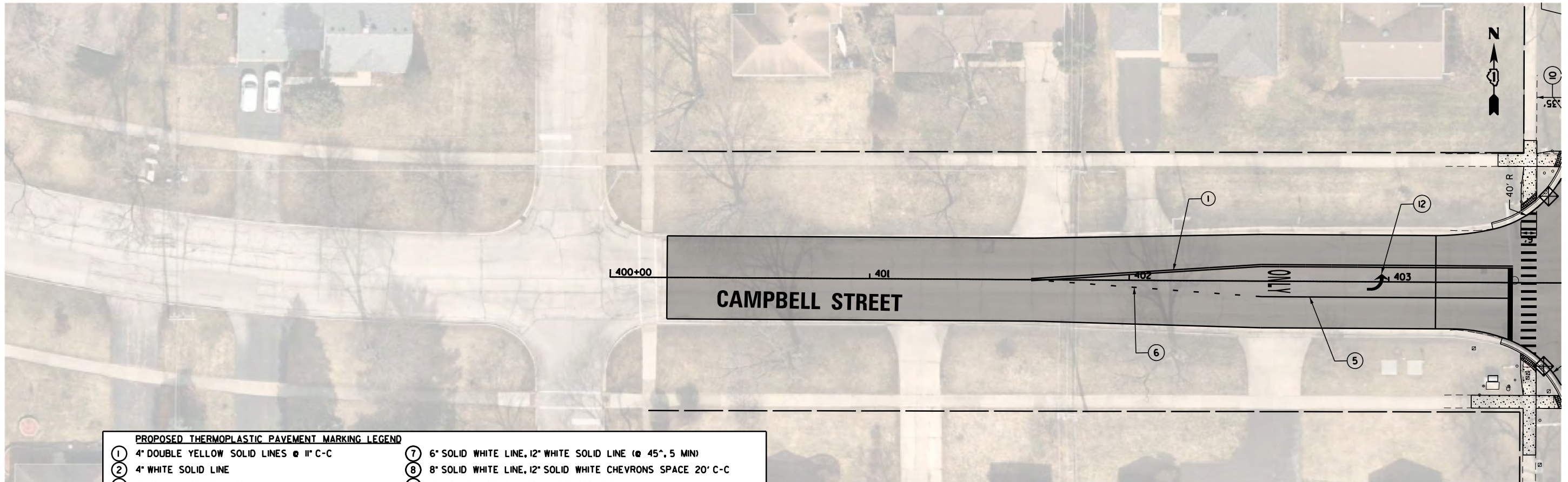


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Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WHITE OAK STREET AND KIRCHOFF ROAD (NORTH)			
EROSION CONTROL/LANDSCAPING/STRIPING PLAN			
SCALE: 40'	SHEET	OF SHEETS	STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	56
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

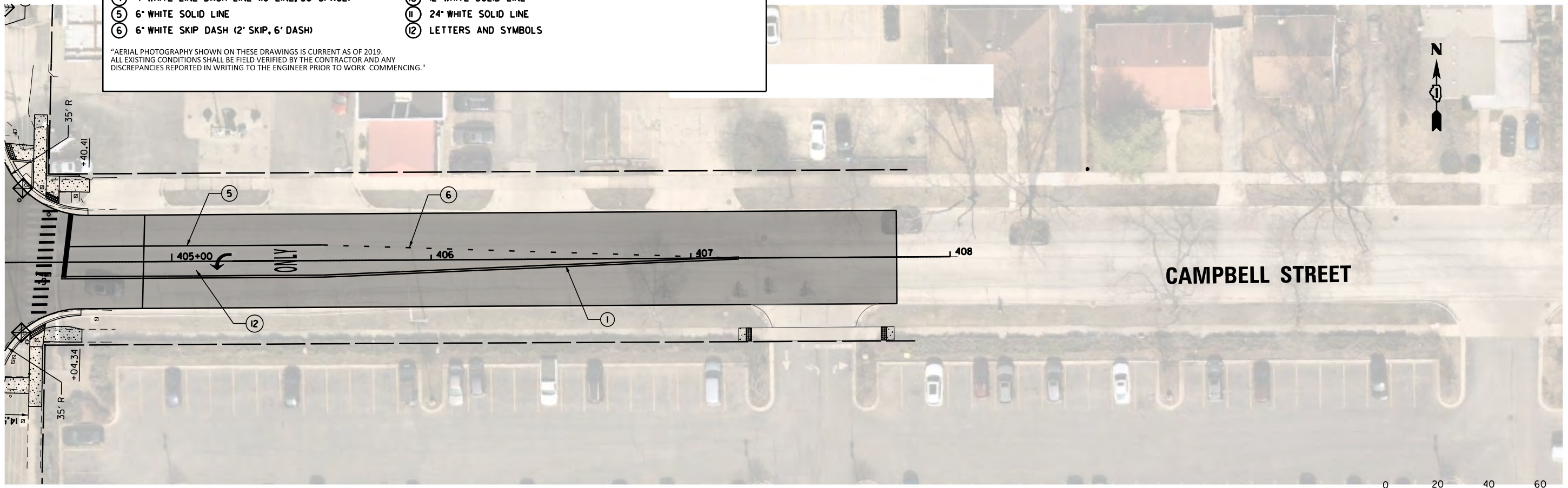


NEW WILKE ROAD

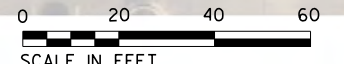
PROPOSED THERMOPLASTIC PAVEMENT MARKING LEGEND

① 4" DOUBLE YELLOW SOLID LINES @ 11" C-C	⑦ 6" SOLID WHITE LINE, 12" WHITE SOLID LINE (@ 45°, 5 MIN)
② 4" WHITE SOLID LINE	⑧ 8" SOLID WHITE LINE, 12" SOLID WHITE CHEVRONS SPACE 20' C-C
③ 4" YELLOW SOLID LINE	⑨ 12" YELLOW SOLID LINE (@ 45°, 75' C-C)
④ 4" WHITE LINE DASH LINE (10' LINE, 30' SPACE)	⑩ 12" WHITE SOLID LINE
⑤ 6" WHITE SOLID LINE	⑪ 24" WHITE SOLID LINE
⑥ 6" WHITE SKIP DASH (2' SKIP, 6' DASH)	⑫ LETTERS AND SYMBOLS

"AERIAL PHOTOGRAPHY SHOWN ON THESE DRAWINGS IS CURRENT AS OF 2019. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES REPORTED IN WRITING TO THE ENGINEER PRIOR TO WORK COMMENCING."



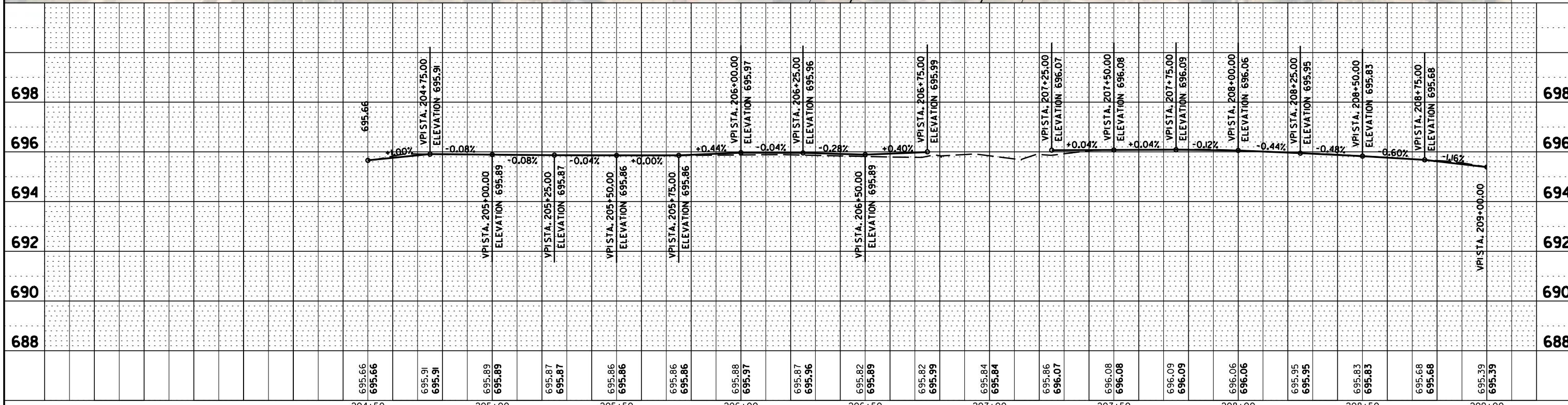
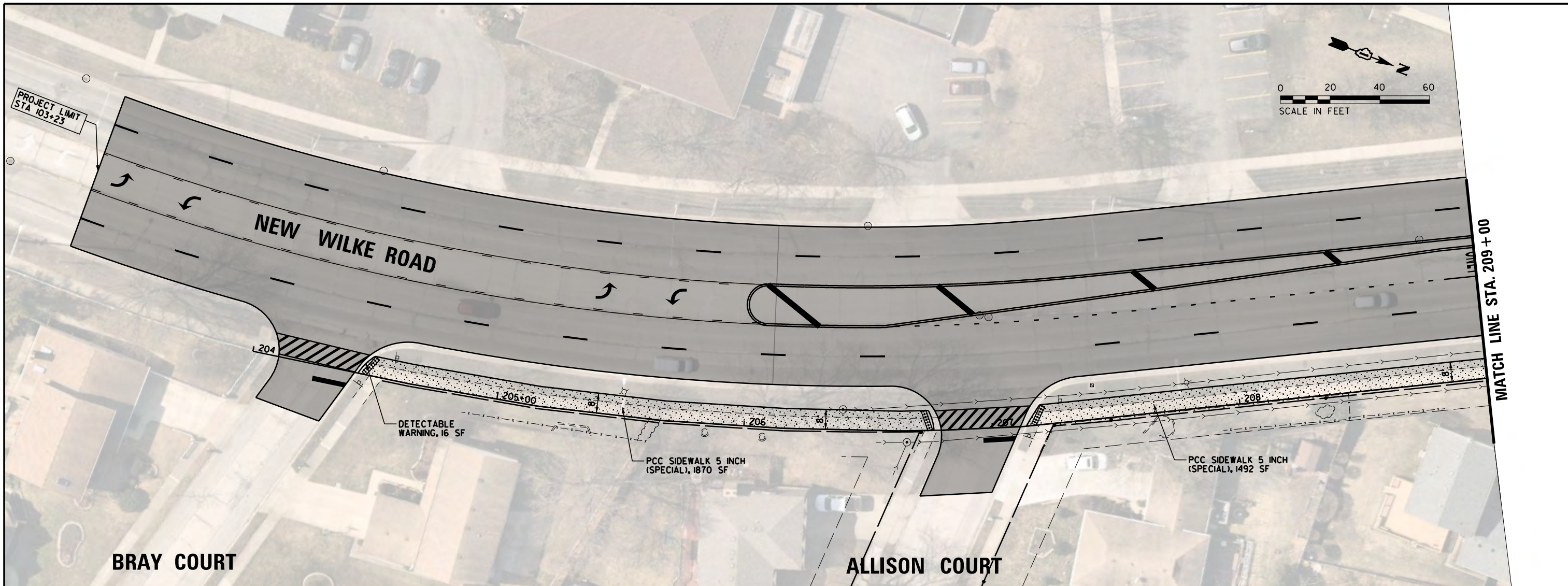
NEW WILKE ROAD



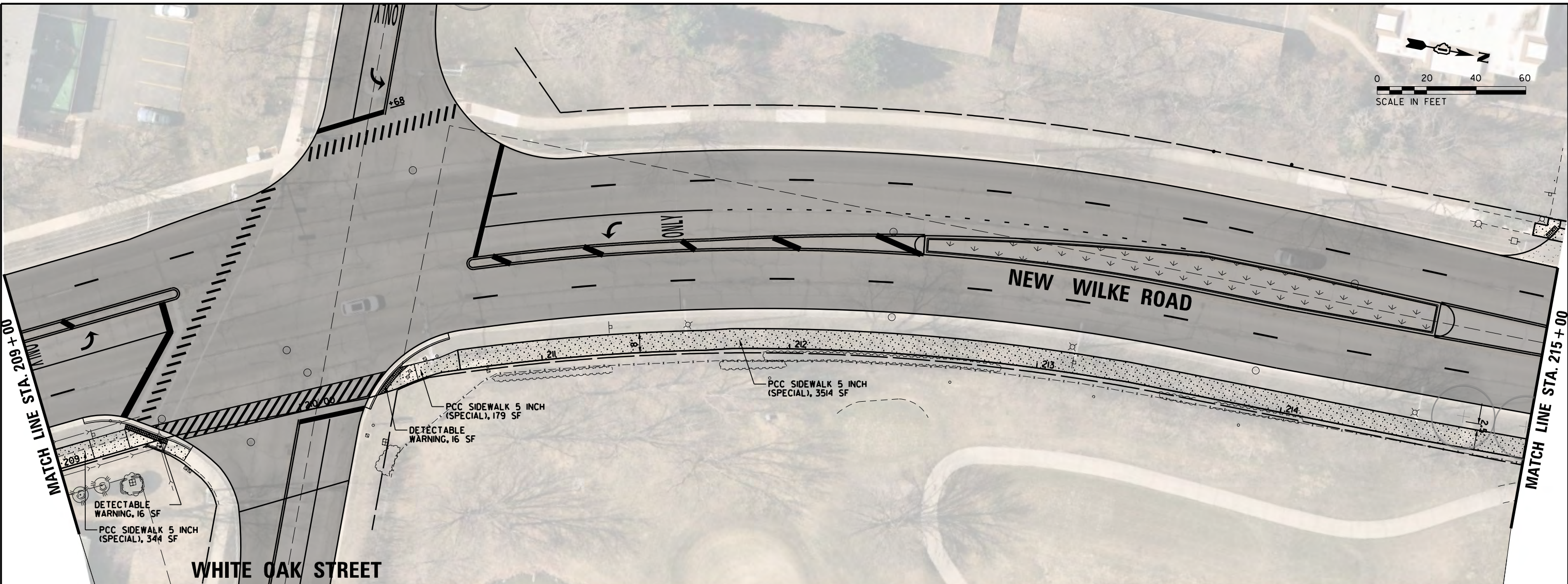
FILE NAME = N:\Arlington Heights\220543\Civil\220543	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CAMPBELL STREET EROSION CONTROL/LANDSCAPING/STRIPING PLAN			M.U.N. RTE. 2134	SECTION 22-00217-00-RS	COUNTY COOK	TOTAL SHEETS 136	SHEET NO. 57	
Default	PLOT SCALE = 48"	CHECKED - GR	REVISED -		SCALE: 40'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 61J73	
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -		ILLINOIS FED. AID PROJECT								

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKO	
	NO.	

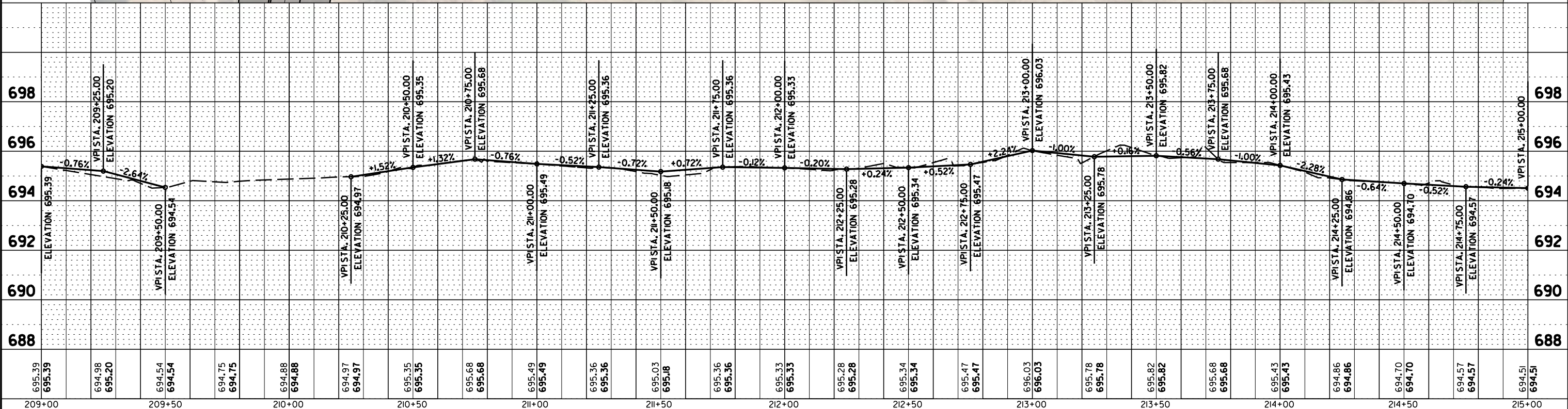


FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD - BIKE PATH PROPOSED PLAN AND PROFILE			M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Arlington Heights\220543\Civil\220543.PATH.01.sht		DRAWN -	REVISD -					2134	22-00217-00-RS	COOK	136	58
PLOT SCALE = 48"		CHECKED -	REVISD -					CONTRACT NO. 61J73				
Default	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISD -					SCALE: 40'	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	NO. _____	
	DATE _____	

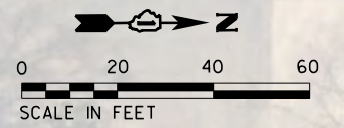
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	DATE _____	



FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD - BIKE PATH PROPOSED PLAN AND PROFILE		M.U.N. RT. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Ar\linton Heights\220543\Civil\220543.PATH.02.sht	DRAWN -	REVISED -	2134				22-00217-00-R5	COOK	136	59	
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PLOT DATE = 10/2/2023	DATE = 10/2/2023	REVISED -	ILLINOIS FED. AID PROJECT								

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. _____		
	NO. _____		
	NO. _____		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
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	NO. _____		

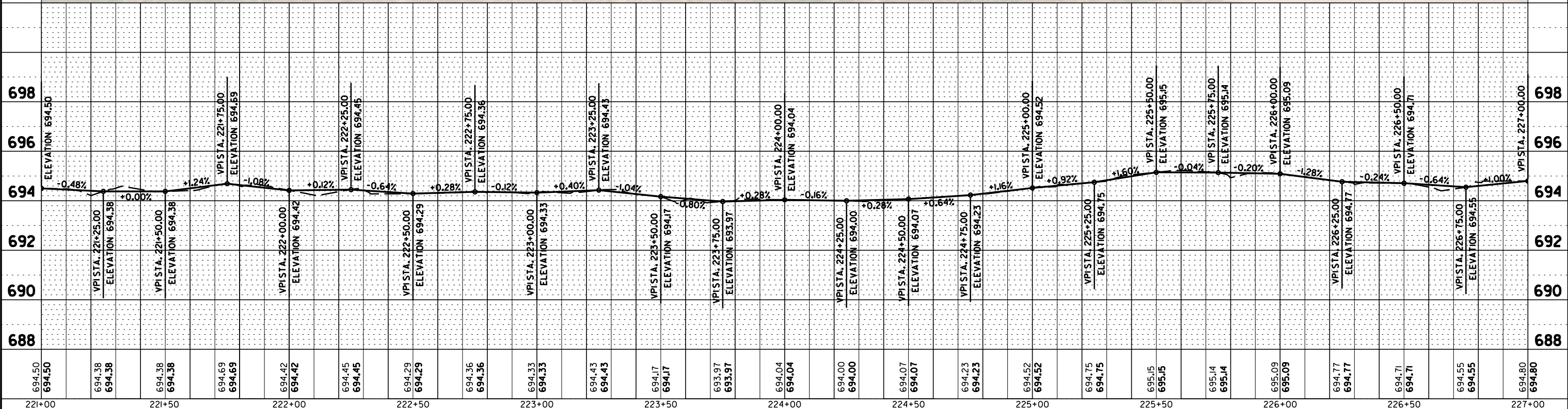


MATCH LINE STA. 221 + 00

MATCH LINE STA. 227 + 00

NEW WILKE ROAD

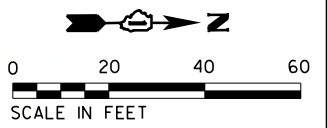
PCC SIDEWALK 5 INCH (SPECIAL), 4789 SF



FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD - BIKE PATH PROPOSED PLAN AND PROFILE		M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Ar\Inglton Heights\220543\Civil\220543.PATH.04.sht	PLOT SCALE = 48"	DRAWN -	REVISED -				2134	22-00217-00-RS	COOK	136	61
Default	PLOT DATE = 10/2/2023	CHECKED -	REVISED -				CONTRACT NO. 61J73				
		DATE = 10/2/2023	REVISED -				SCALE: 40'		SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT

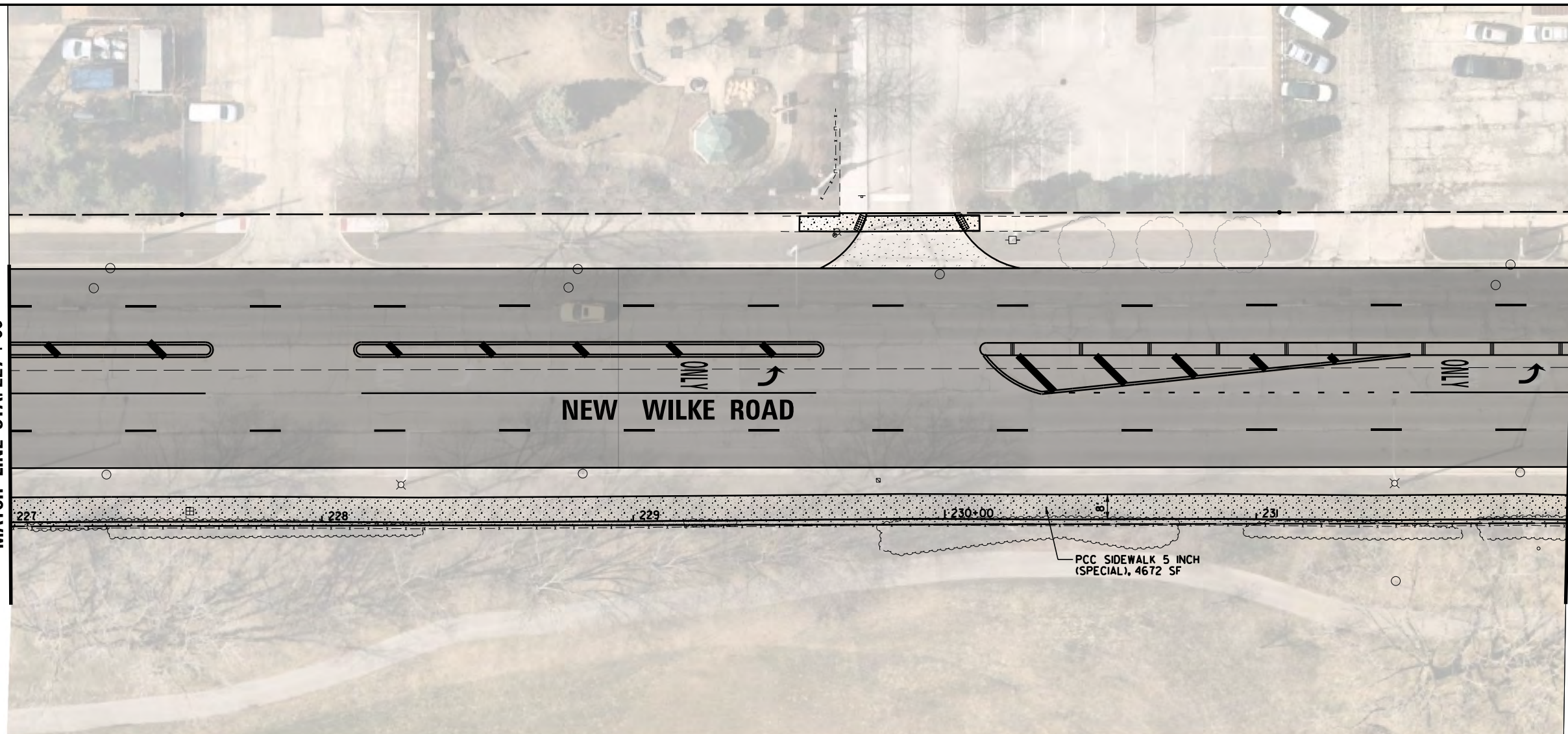
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	PLOTTED		
	NOTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO.		



MATCH LINE STA. 227 + 00

MATCH LINE STA. 232 + 00

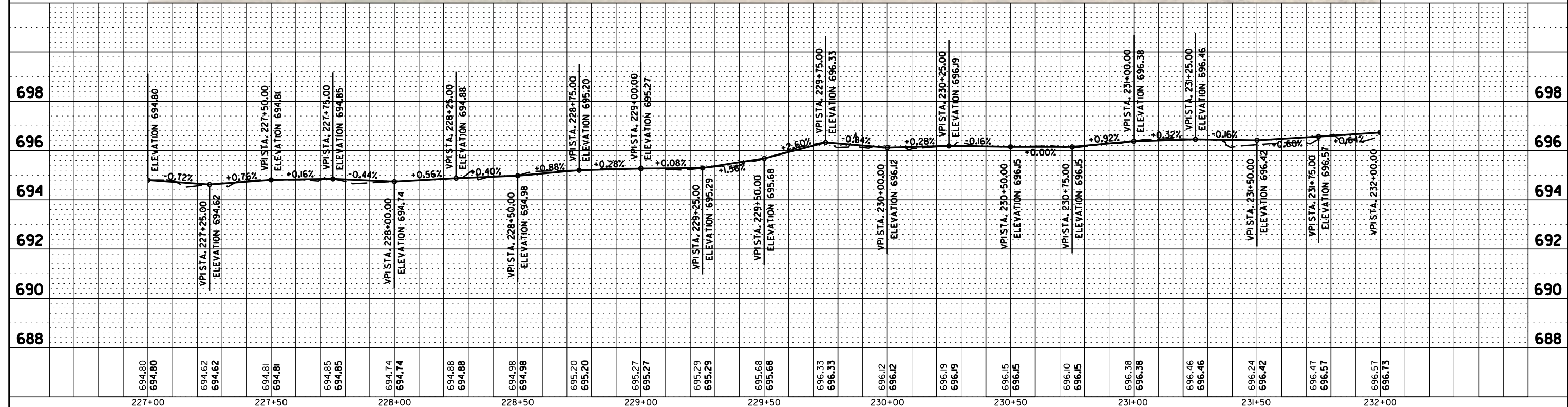


NEW WILKE ROAD

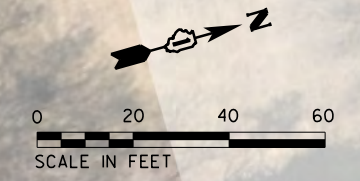
ONLY

ONLY

PCC SIDEWALK 5 INCH (SPECIAL), 4672 SF

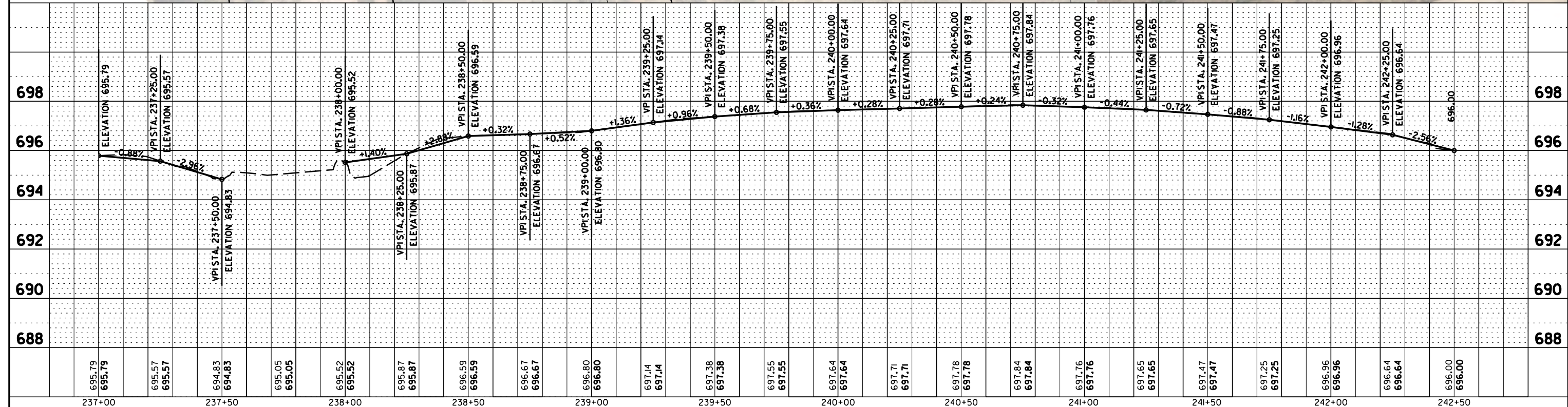
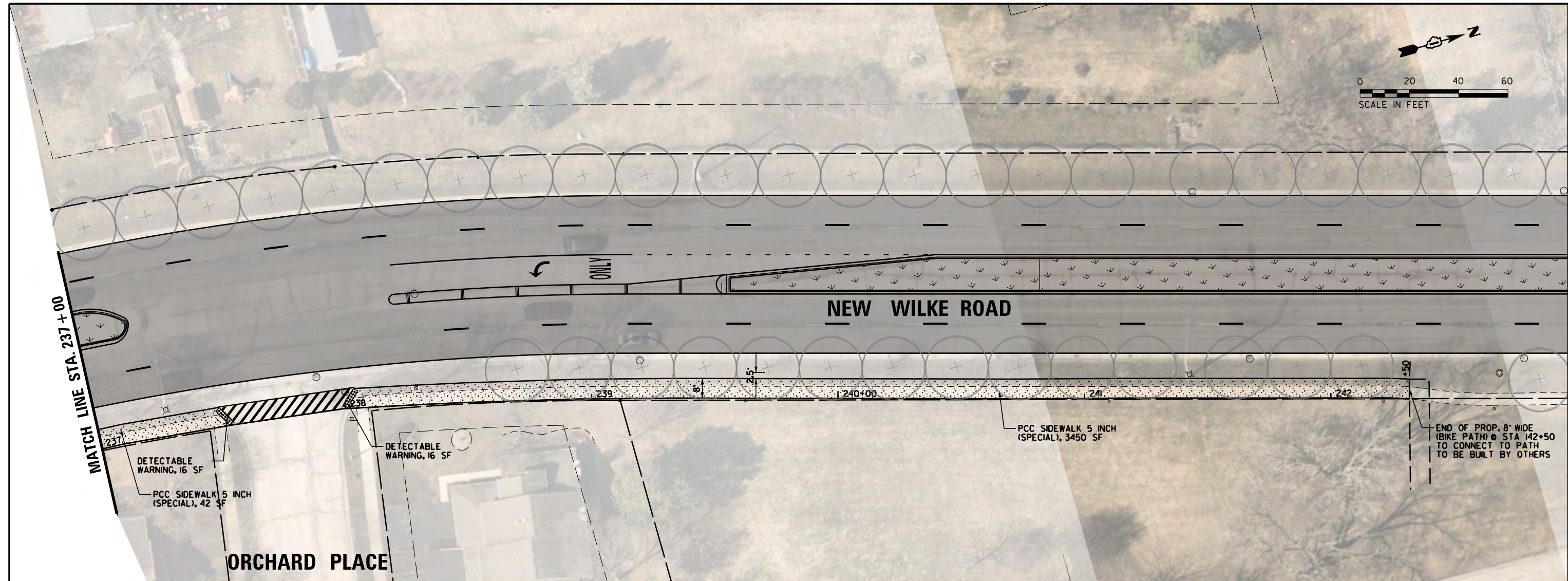


FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">NEW WILKE ROAD - BIKE PATH PROPOSED PLAN AND PROFILE</p>	M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Arlington Heights\220543\Civil\220543.PATH.05.sht	PLOT SCALE = 48"	DRAWN -	REVISED -			2134	22-00217-00-RS	COOK	136	62
Default	PLOT DATE = 10/2/2023	CHECKED -	REVISED -			CONTRACT NO. 61J73				
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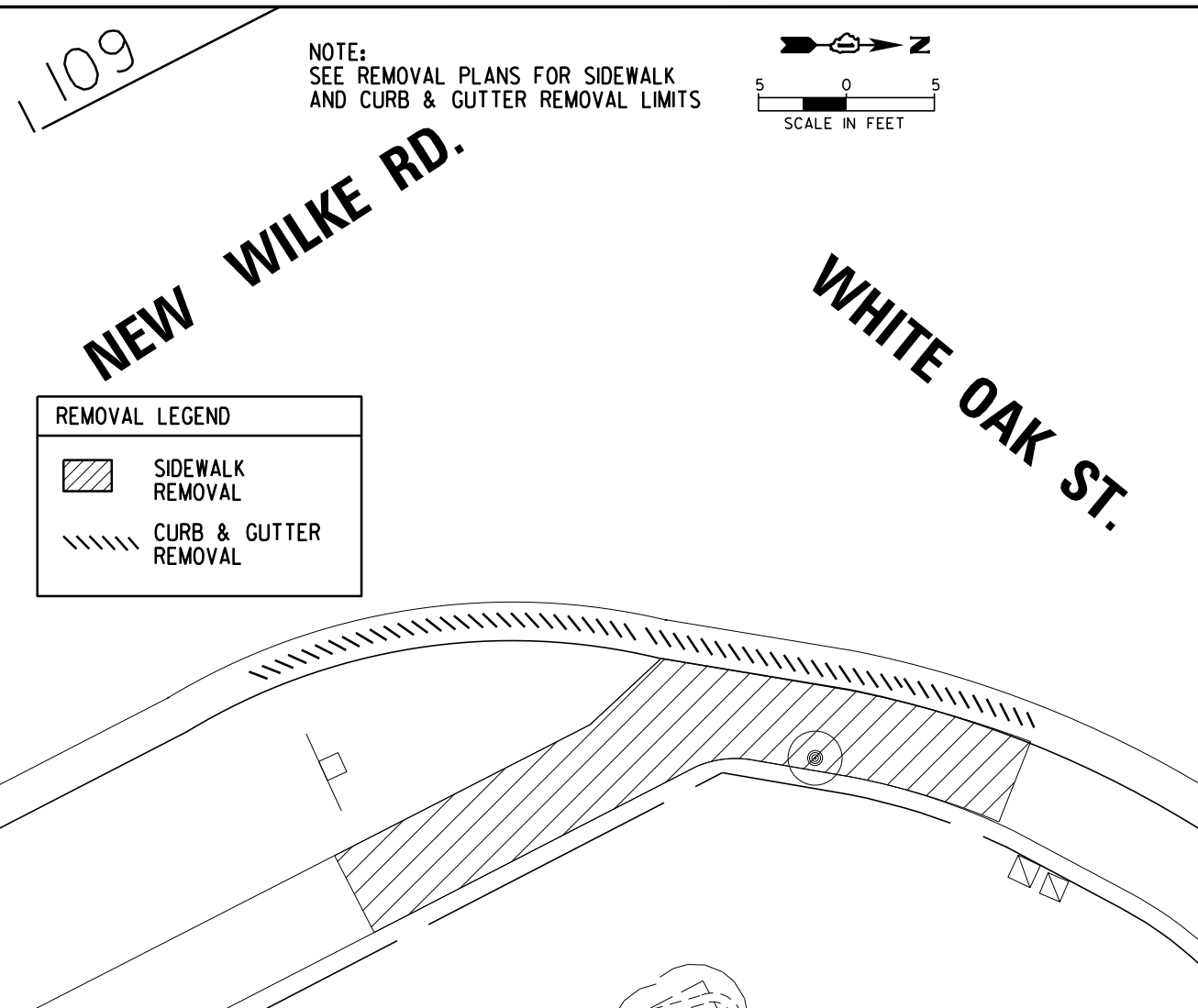


PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	FILED	NO.
	NO.	NO.
	NO.	NO.

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	CHECKED
	STRUCTURE NOTATIONS OK'D	NO.
	NO.	NO.
	NO.	NO.



FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW WILKE ROAD - BIKE PATH PROPOSED PLAN AND PROFILE	M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\Ar\linton Heights\220543\Civil\220543.PATH.07.sht	PLOT SCALE = 48'	DRAWN -	REVISD -			2134	22-00217-00-RS	COOK	136	64
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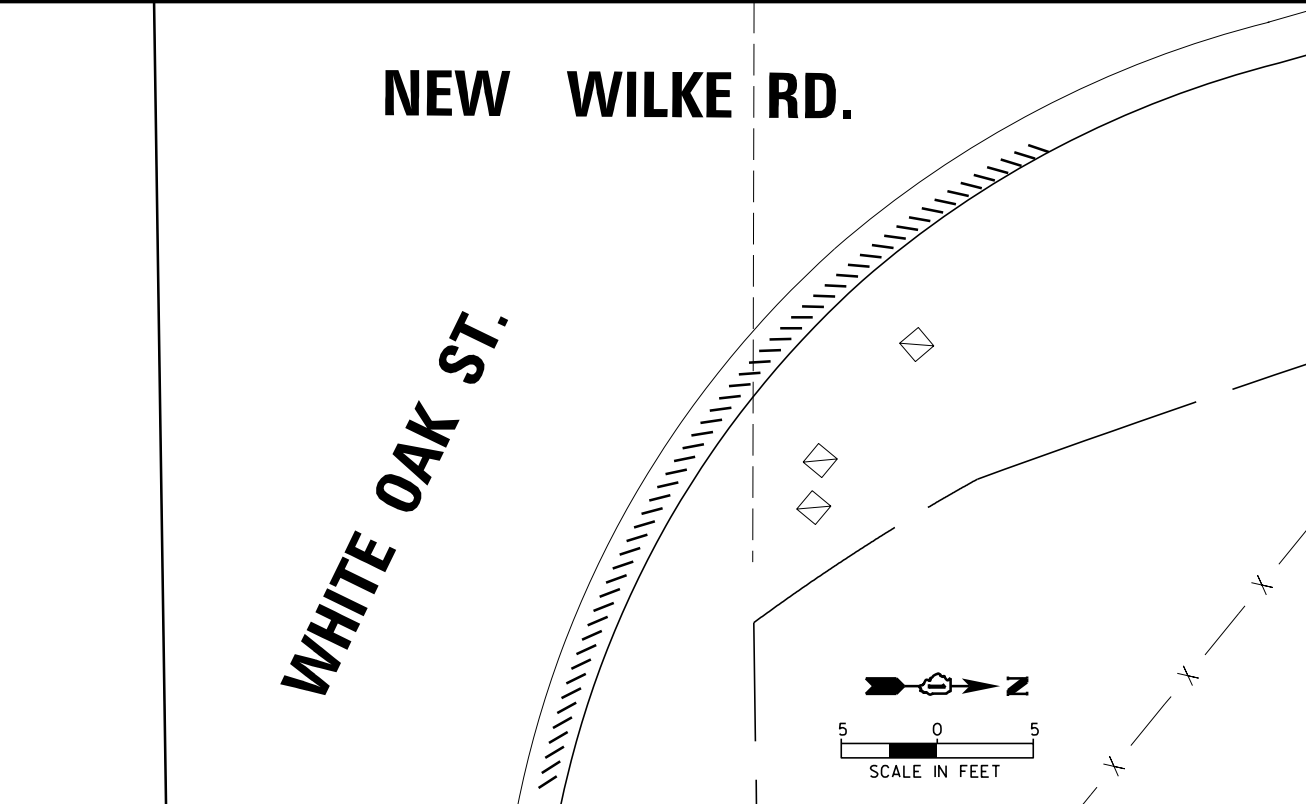
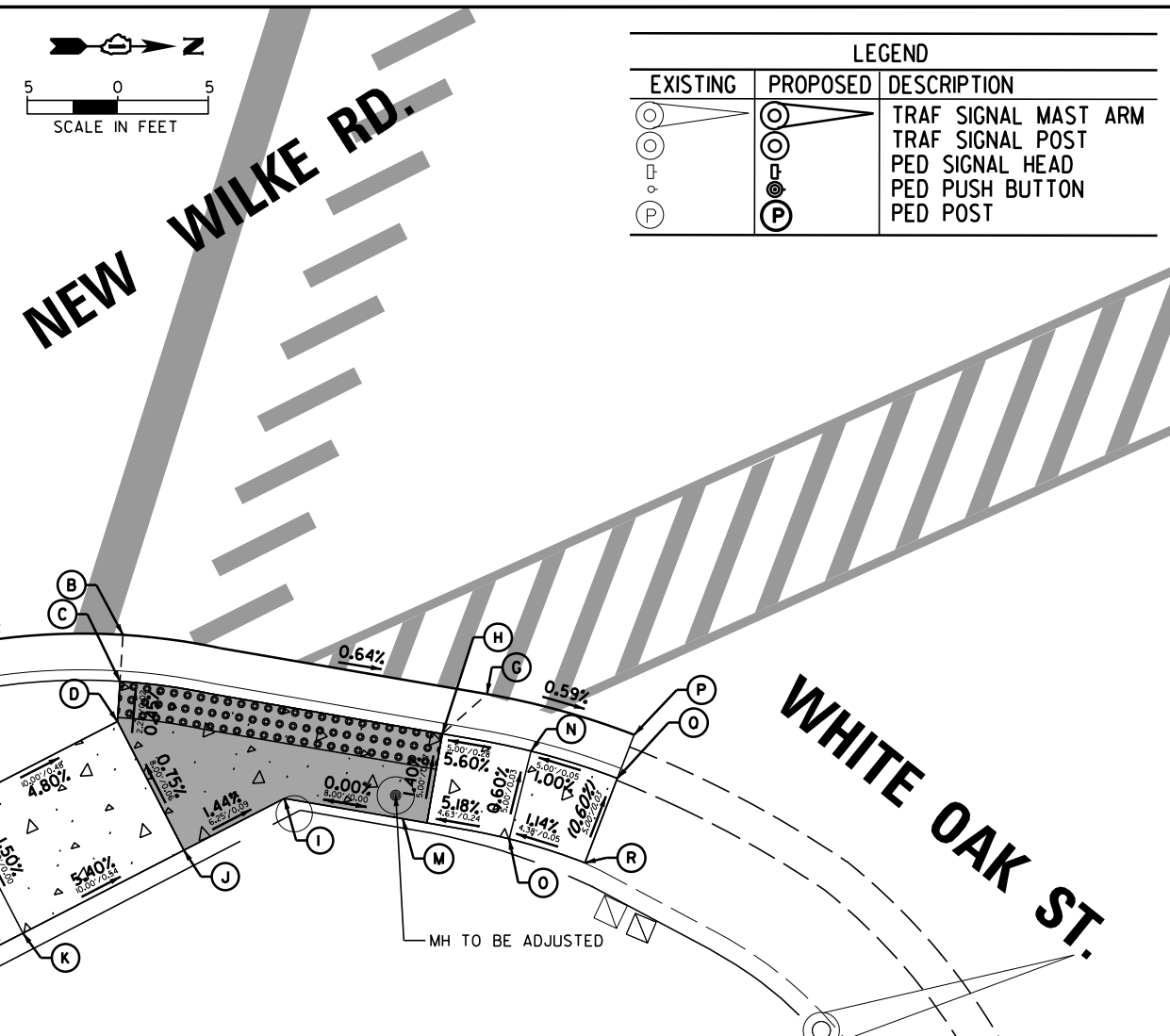


REMOVAL LEGEND

	SIDEWALK REMOVAL
	CURB & GUTTER REMOVAL

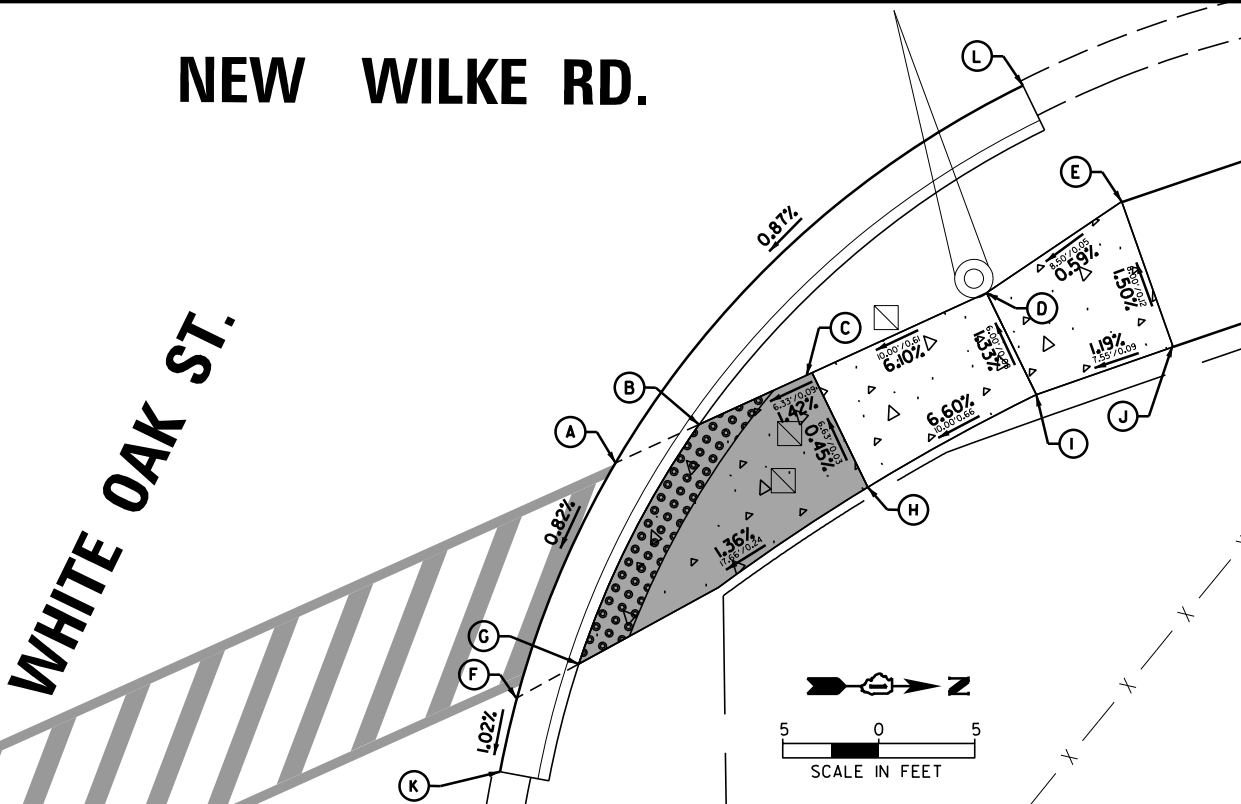
SE CORNER OF NEW WILKE RD AND WHITE OAK ST

POINT	STATION	OFFSET	ELEVATION
A	108+96.42	32.02' RT	694.77
B	109+13.89	37.07' RT	694.66
C	109+12.57	39.29' RT	694.62
D	109+11.44	41.20' RT	694.63
E	109+01.44	41.23' RT	695.11
F	108+96.44	41.24' RT	695.16
G	109+30.31	49.15' RT	694.53
H	109+27.12	49.97' RT	694.53
I	109+17.72	49.18' RT	694.60
J	109+11.47	49.20' RT	694.69
K	109+01.47	49.23' RT	695.23
L	108+96.47	49.24' RT	695.28
M	109+24.12	53.97' RT	694.60
N	109+31.05	53.06' RT	694.81
O	109+27.76	56.83' RT	694.84
P	109+36.67	54.85' RT	694.48
Q	109+34.62	56.58' RT	694.86
R	109+30.88	59.91' RT	694.89



NE CORNER OF NEW WILKE RD AND WHITE OAK ST

POINT	NORTH	EAST	ELEVATION
A	1964777.94	1073764.96	694.70
B	1964782.34	1073762.91	694.69
C	1964788.13	1073760.34	694.78
D	1964797.23	1073756.18	695.39
E	1964804.27	1073751.41	695.44
F	1964772.73	1073777.29	694.59
G	1964775.98	1073775.5	694.57
H	1964791.05	1073766.29	694.81
I	1964799.82	1073761.48	695.47
J	1964806.92	1073758.92	695.56
K	1964771.88	1073781.12	694.55
L	1964799.12	1073745.38	694.95



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
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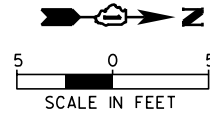
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NEW WILKE ROAD
ADA RAMP DETAILS**

SCALE: 10' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	65
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

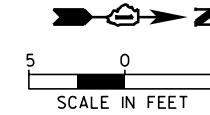
NOTE:
SEE REMOVAL PLANS FOR SIDEWALK
AND CURB & GUTTER REMOVAL LIMITS



NEW WILKE RD.

REMOVAL LEGEND	
	SIDEWALK REMOVAL
	CURB & GUTTER REMOVAL

ENTRANCE



NEW WILKE RD.

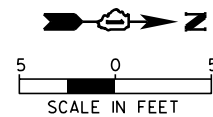
LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		TRAF SIGNAL MAST ARM
		TRAF SIGNAL POST
		PED SIGNAL HEAD
		PED PUSH BUTTON
		PED POST

SW CORNER OF NEW WILKE RD AND GOLF COURSE ENTRANCE			
POINT	STATION	OFFSET	ELEVATION
A	117+76.71	35.89	693.88
B	117+73.41	35.94	693.82
C	117+69.41	36.01	693.86
D	117+54.41	36.26	694.89
E	117+49.41	36.35	694.94
F	117+80.74	43.82	694.01
G	117+78.05	43.87	693.95
H	117+69.54	44.01	693.98
I	117+54.54	44.26	695.01
J	117+49.54	44.35	695.06
K	117+56.80	26.00	693.21
L	117+81.77	49.94	694.10

ENTRANCE

NEW WILKE RD.

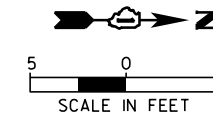
ENTRANCE



NEW WILKE RD.

ENTRANCE

SE CORNER OF NEW WILKE RD AND GOLF COURSE ENTRANCE			
POINT	STATION	OFFSET	ELEVATION
A	118+09.31	35.34	693.93
B	118+12.81	35.28	693.87
C	118+16.81	35.21	693.91
D	118+28.81	35.01	694.62
E	118+33.81	34.92	694.67
F	118+04.98	43.41	694.06
G	118+07.72	43.36	694.00
H	118+16.95	43.21	694.03
I	118+28.95	43.01	694.74
J	118+33.95	42.92	694.79
K	118+03.83	49.98	694.16
L	118+28.80	26.00	693.19

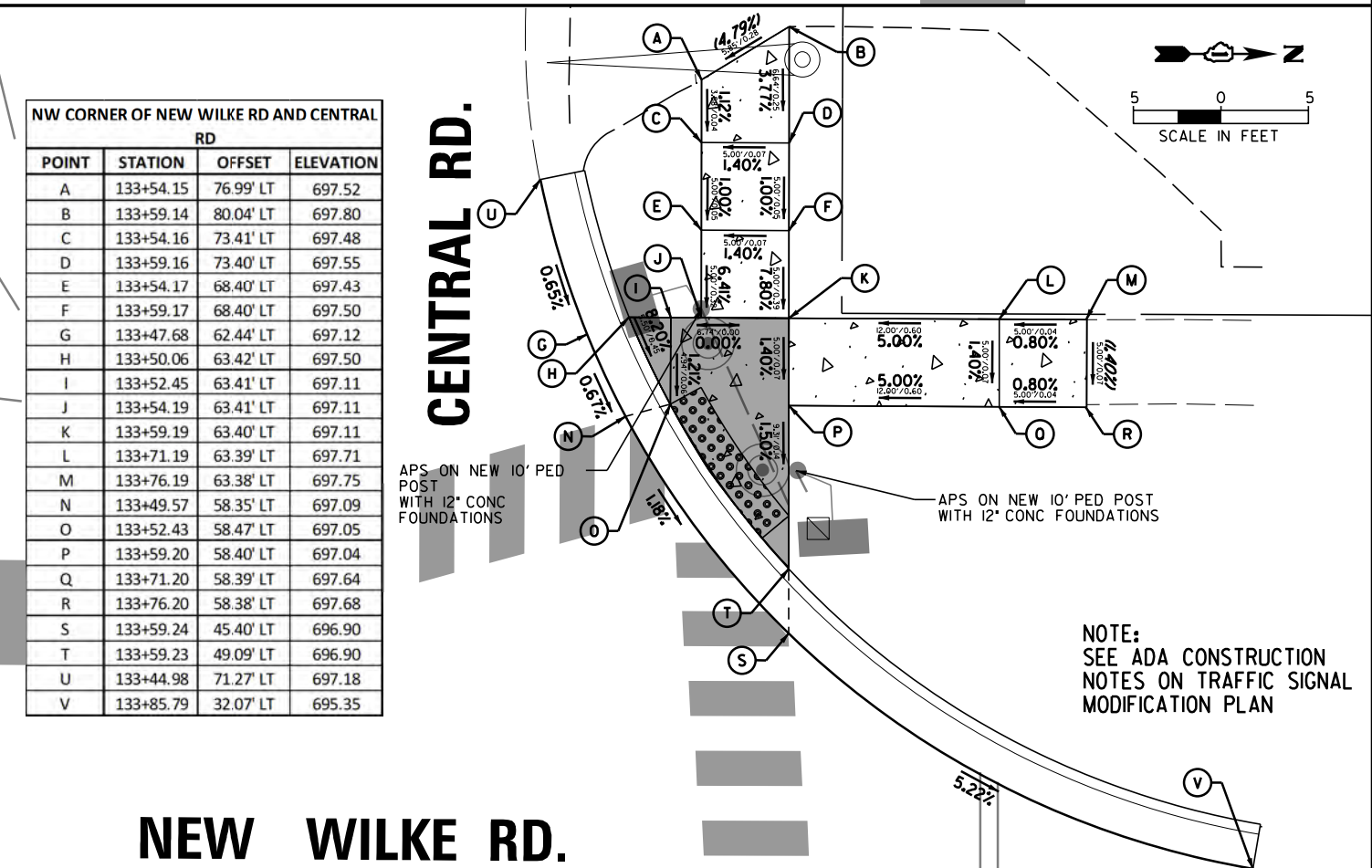
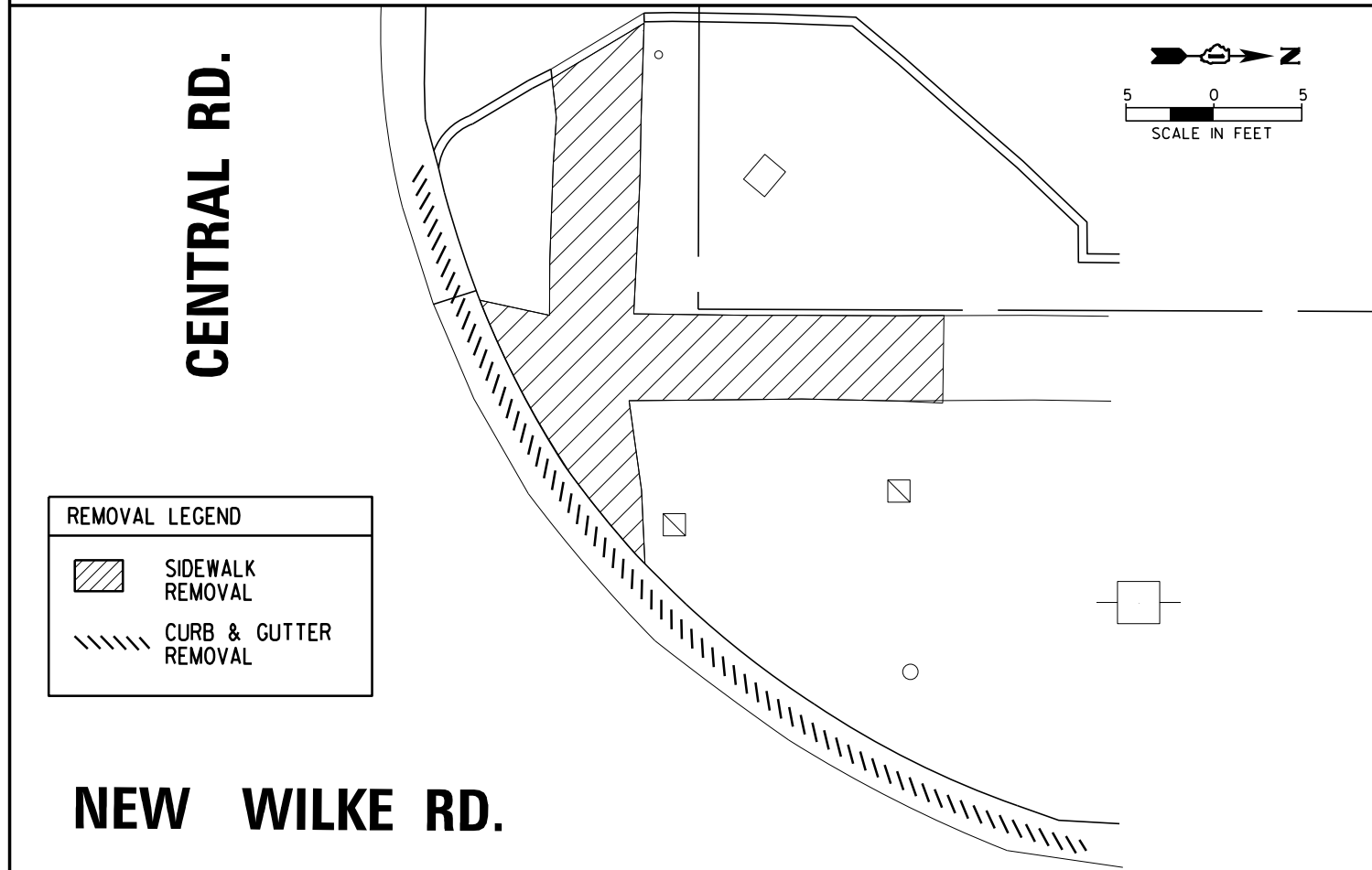
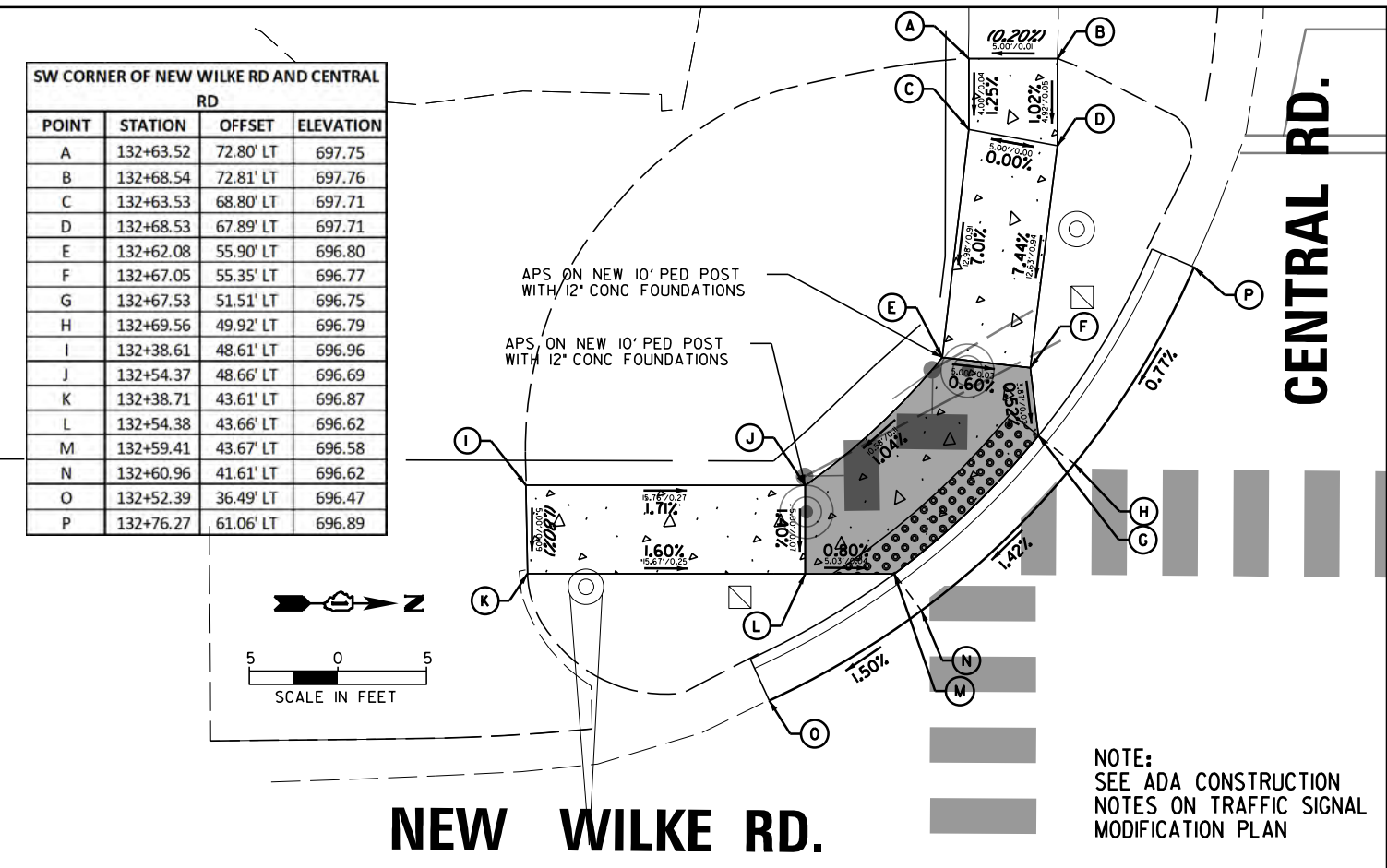
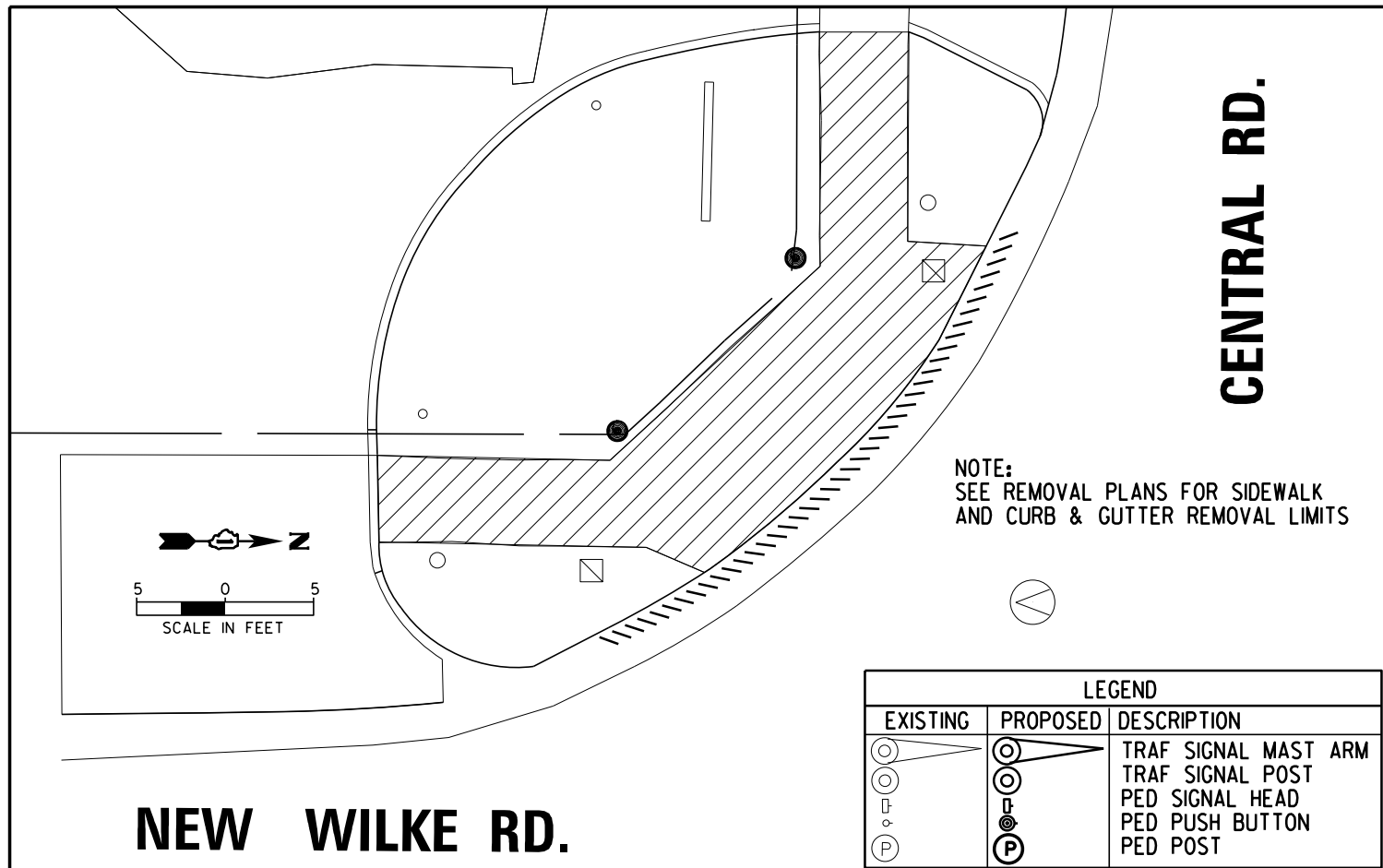


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Default	PLOT SCALE = 18"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD ADA RAMP DETAILS			
SCALE: 10'	SHEET	OF SHEETS	STA. TO STA.

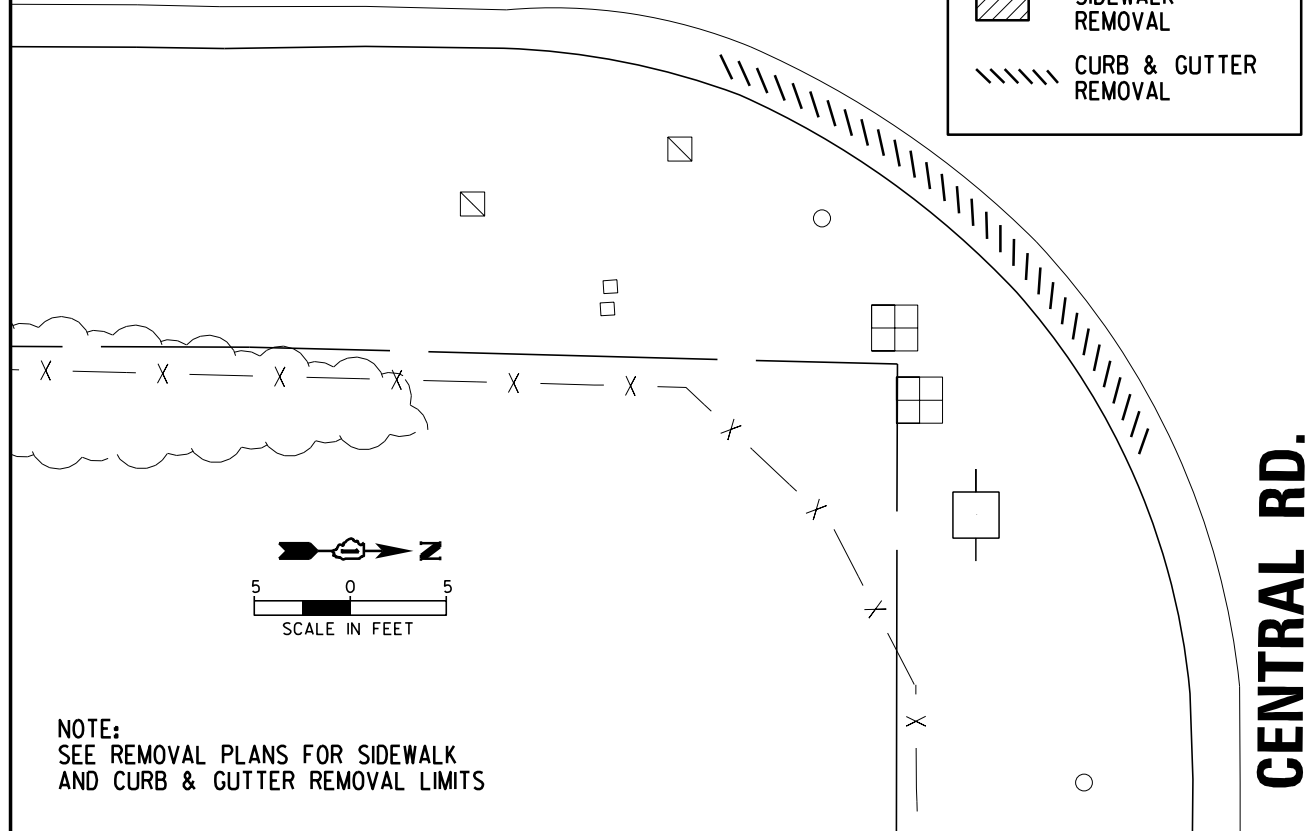
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	66
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



NEW WILKE RD.

REMOVAL LEGEND

-  SIDEWALK REMOVAL
-  CURB & GUTTER REMOVAL













CENTRAL RD.

NOTE:
SEE ADA CONSTRUCTION
NOTES ON TRAFFIC SIGNAL
MODIFICATION PLAN

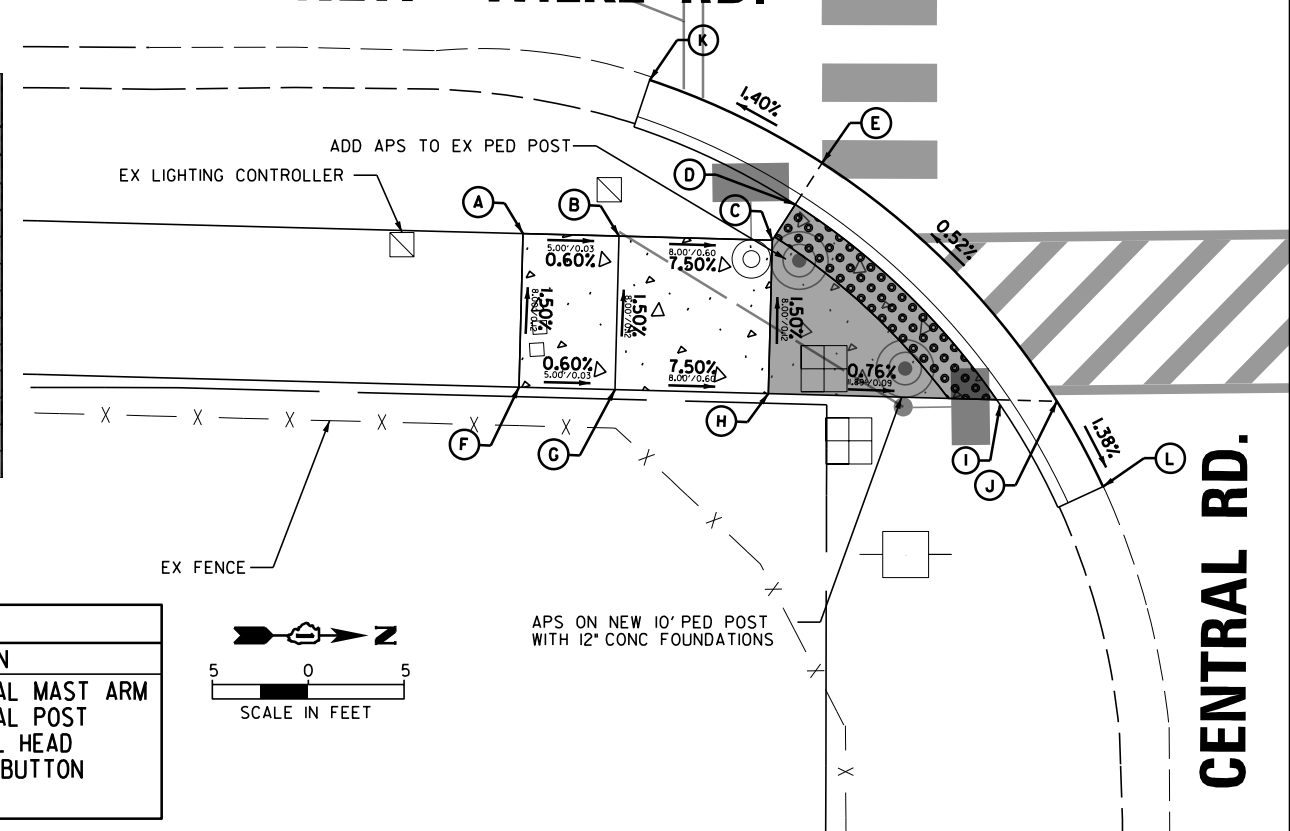
SE CORNER OF NEW WILKE RD AND CENTRAL RD

POINT	STATION	OFFSET	ELEVATION
A	132+46.36	41.91' RT	697.05
B	132+51.36	42.02' RT	697.02
C	132+59.36	42.20' RT	696.42
D	132+60.55	40.34' RT	696.38
E	132+61.94	38.17' RT	696.42
F	132+46.18	49.90' RT	697.17
G	132+51.18	50.02' RT	697.14
H	132+59.18	50.20' RT	696.54
I	132+71.07	50.47' RT	696.45
J	132+74.21	50.54' RT	696.51
K	132+52.93	33.88' RT	696.28
L	132+76.63	54.98' RT	696.44

LEGEND

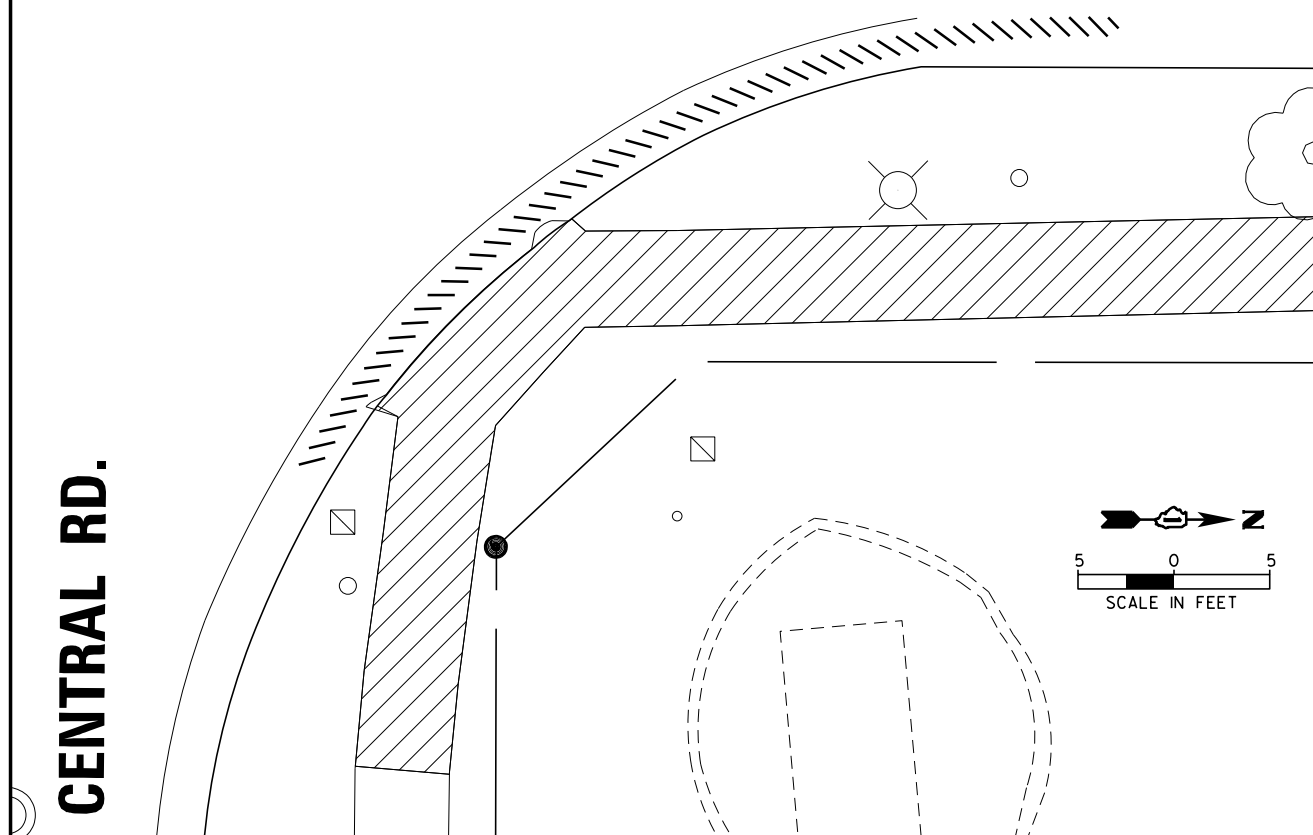
EXISTING	PROPOSED	DESCRIPTION
		TRAF SIGNAL MAST ARM
		TRAF SIGNAL POST
		PED SIGNAL HEAD
		PED PUSH BUTTON
		PED POST

NEW WILKE RD.



CENTRAL RD.

NEW WILKE RD.

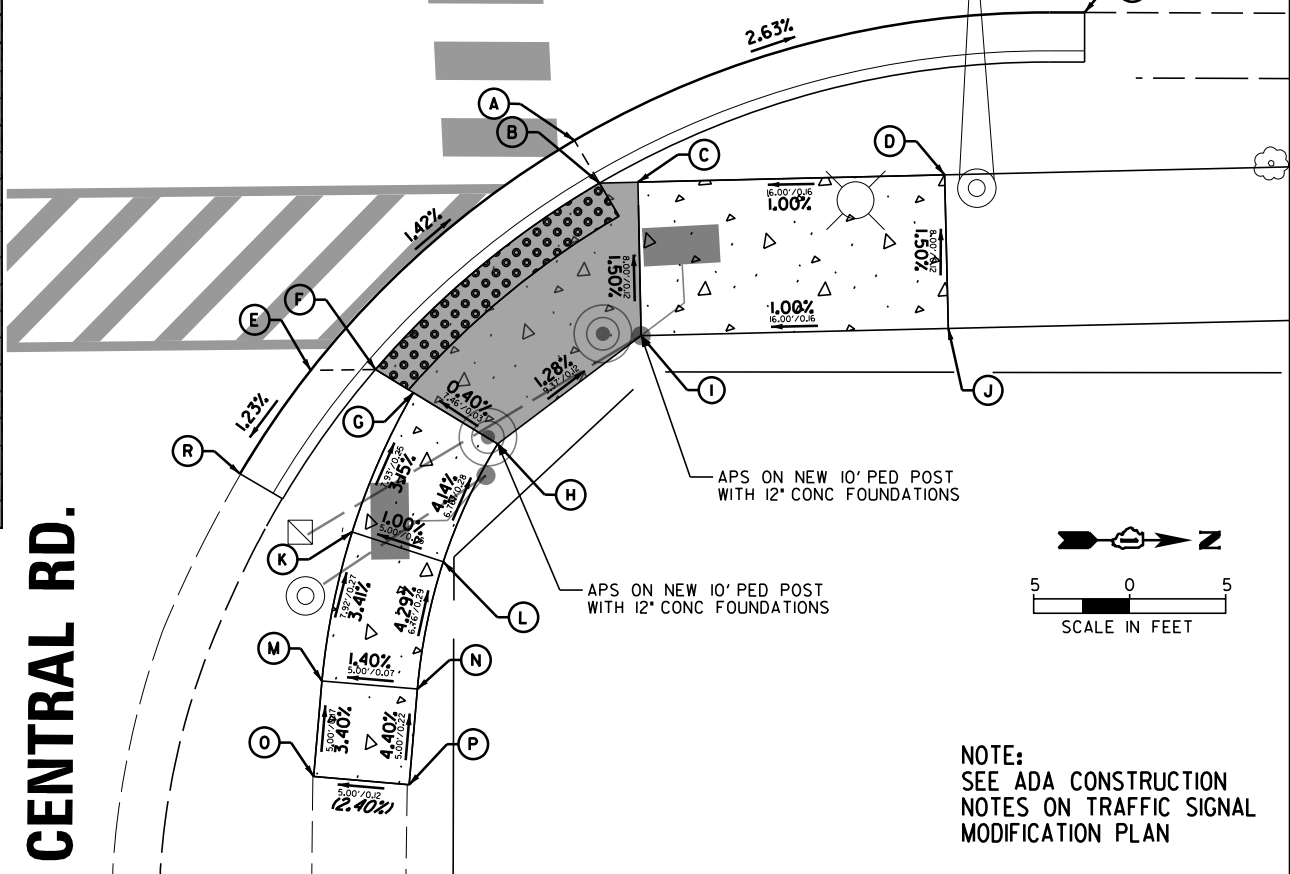


CENTRAL RD.

NE CORNER OF NEW WILKE RD AND CENTRAL RD

POINT	STATION	OFFSET	ELEVATION
A	133+68.44	38.16' RT	696.15
B	133+69.75	40.38' RT	696.11
C	133+71.75	40.33' RT	696.14
D	133+87.73	39.89' RT	696.30
E	133+54.73	50.20' RT	696.41
F	133+58.11	50.14' RT	696.35
G	133+60.09	51.34' RT	696.36
H	133+64.49	54.00' RT	696.38
I	133+71.95	48.33' RT	696.26
J	133+87.95	47.89' RT	696.42
K	133+56.93	58.61' RT	696.61
L	133+61.68	60.15' RT	696.66
M	133+55.37	66.37' RT	696.88
N	133+60.36	66.78' RT	696.95
O	133+54.97	71.36' RT	697.05
P	133+59.95	71.76' RT	697.17
Q	133+94.99	31.40' RT	695.43
R	133+51.07	55.59' RT	696.33

NEW WILKE RD.



CENTRAL RD.

NOTE:
SEE ADA CONSTRUCTION
NOTES ON TRAFFIC SIGNAL
MODIFICATION PLAN

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
N:\Arlington Heights\220543\Civil\220543	ADA04.SHT	DRAWN - PM	REVISED -
Default	PLOT SCALE = 18"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

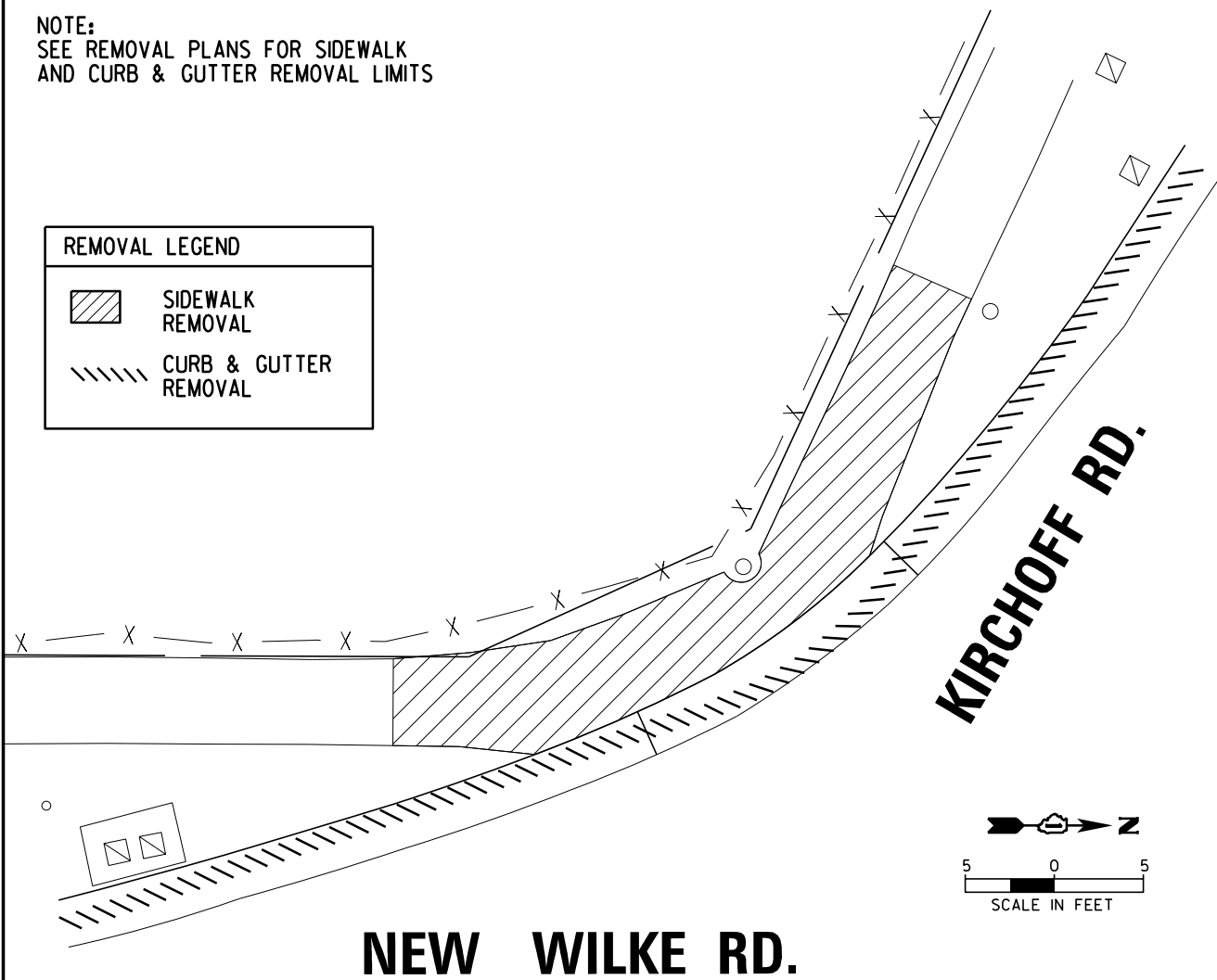
NEW WILKE ROAD
ADA RAMP DETAILS

SCALE: 10' SHEET OF SHEETS STA. TO STA.











M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	68
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

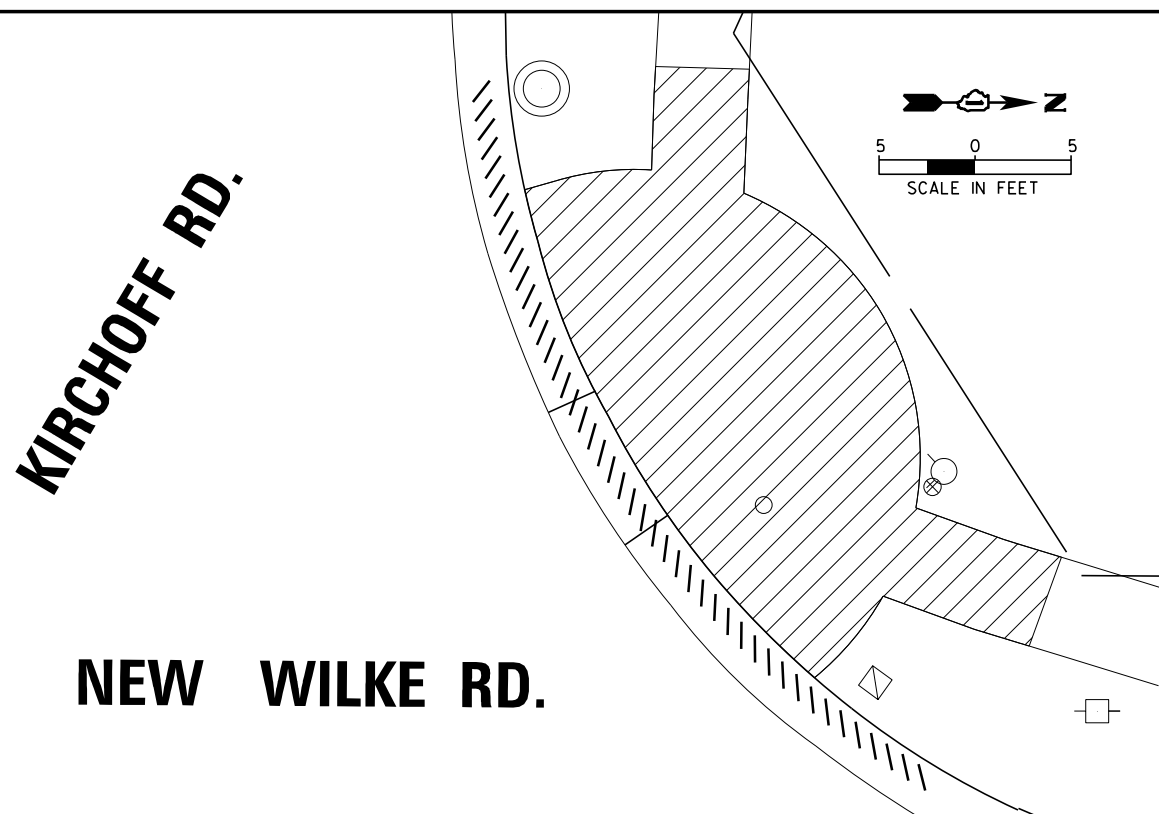
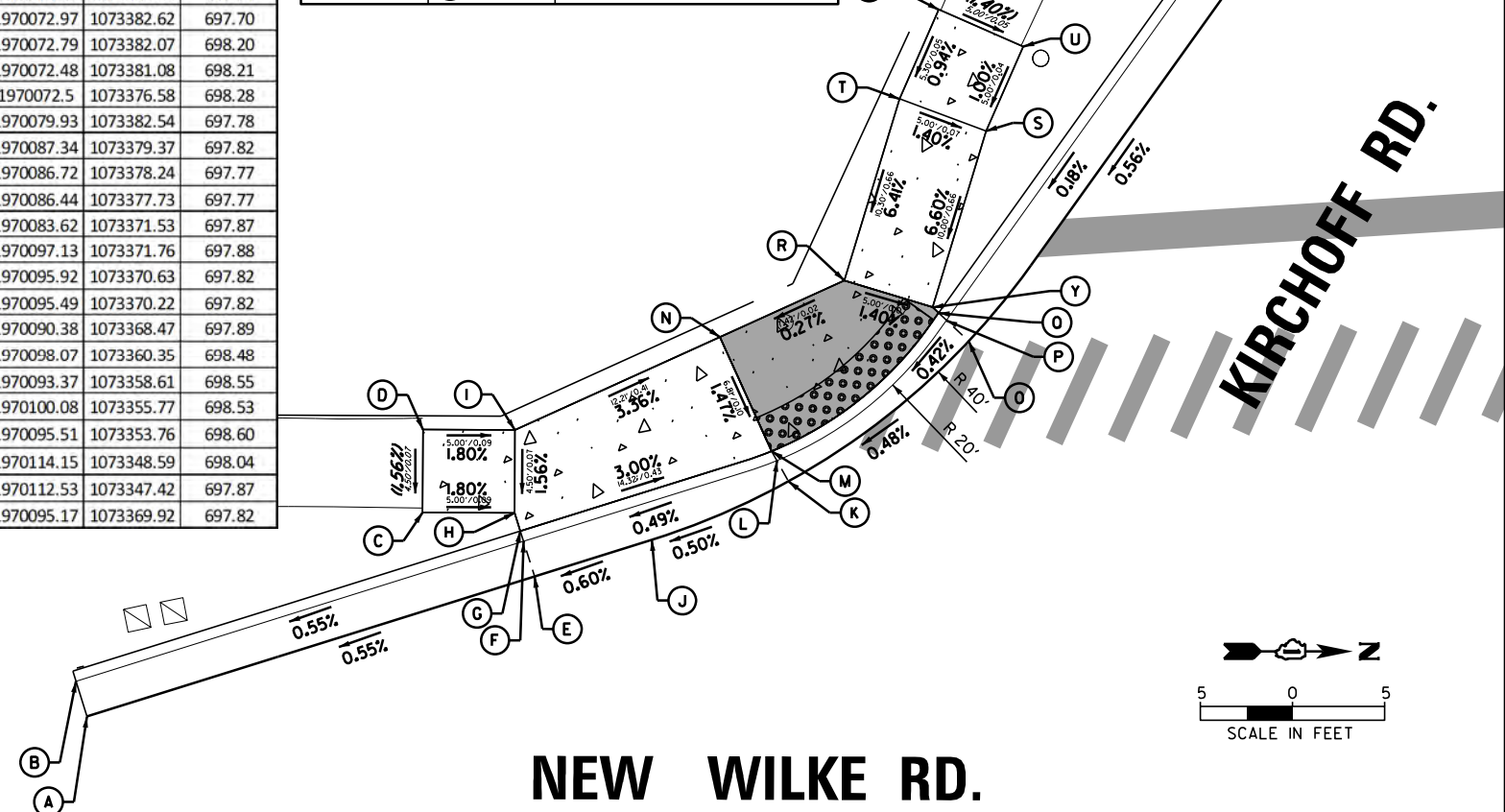
NOTE:
SEE REMOVAL PLANS FOR SIDEWALK
AND CURB & GUTTER REMOVAL LIMITS

REMOVAL LEGEND	
	SIDEWALK REMOVAL
	CURB & GUTTER REMOVAL

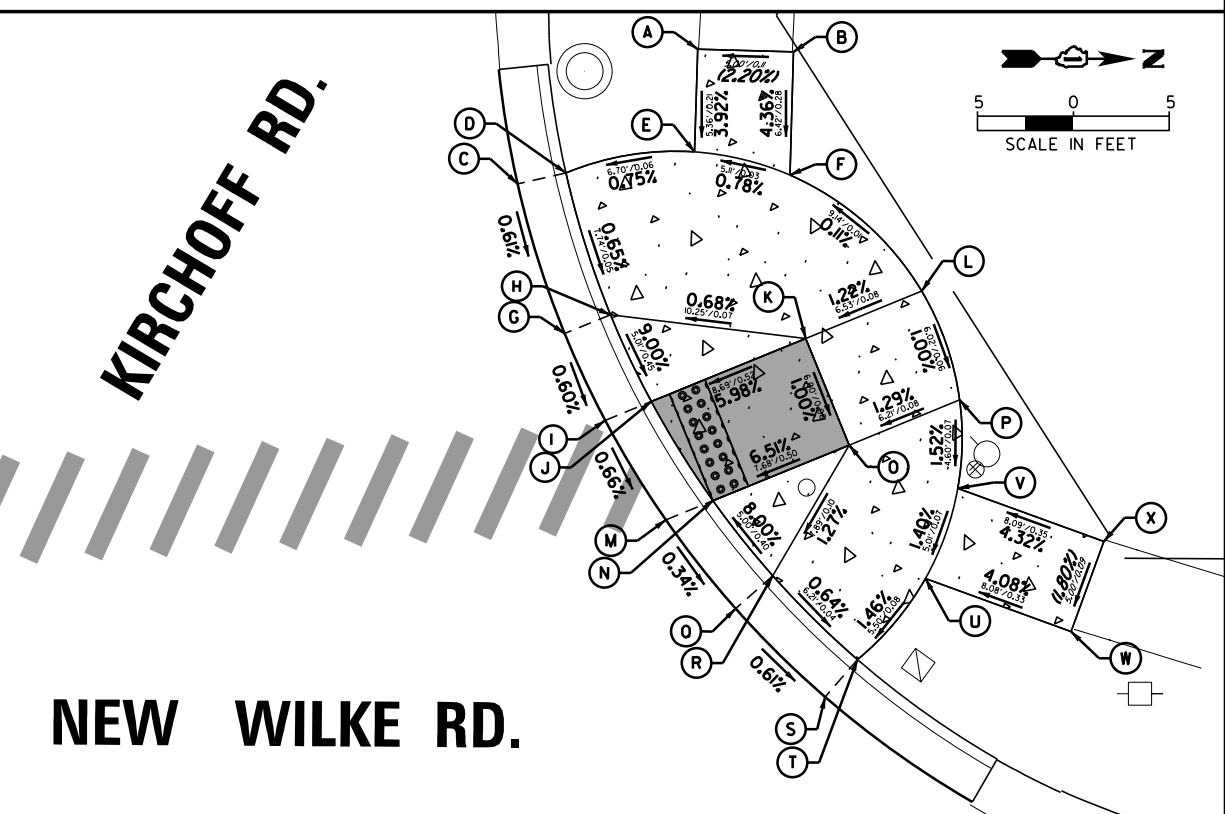


SW CORNER OF NEW WILKE RD AND KIRCHOFF RD			
POINT	NORTH	EAST	ELEVATION
A	1970049.27	1073392.13	697.60
B	1970048.67	1073390.23	697.56
C	1970067.48	1073381.06	698.30
D	1970067.5	1073376.56	698.37
E	1970073.56	1073384.53	697.74
F	1970072.97	1073382.62	697.70
G	1970072.79	1073382.07	698.20
H	1970072.48	1073381.08	698.21
I	1970072.5	1073376.58	698.28
J	1970079.93	1073382.54	697.78
K	1970087.34	1073379.37	697.82
L	1970086.72	1073378.24	697.77
M	1970086.44	1073377.73	697.77
N	1970083.62	1073371.53	697.87
O	1970097.13	1073371.76	697.88
P	1970095.92	1073370.63	697.82
Q	1970095.49	1073370.22	697.82
R	1970090.38	1073368.47	697.89
S	1970098.07	1073360.35	698.48
T	1970093.37	1073358.61	698.55
U	1970100.08	1073355.77	698.53
V	1970095.51	1073353.76	698.60
W	1970114.15	1073348.59	698.04
X	1970112.53	1073347.42	697.87
Y	1970095.17	1073369.92	697.82

LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		TRAF SIGNAL MAST ARM
		TRAF SIGNAL POST
		PED SIGNAL HEAD
		PED PUSH BUTTON
		PED POST



NW CORNER OF NEW WILKE RD AND KIRCHOFF RD			
POINT	STATION	OFFSET	ELEVATION
A	166+09.89	77.76' LT	699.02
B	166+14.89	77.64' LT	699.13
C	166+00.55	70.68' LT	698.38
D	166+03.15	71.30' LT	698.76
E	166+09.76	72.40' LT	698.82
F	166+14.73	71.22' LT	698.85
G	166+03.04	62.91' LT	698.33
H	166+05.42	63.90' LT	698.71
I	166+05.18	58.39' LT	698.30
J	166+07.57	59.38' LT	698.26
K	166+15.60	62.71' LT	698.78
L	166+21.63	65.22' LT	698.86
M	166+08.37	53.22' LT	698.26
N	166+10.81	54.23' LT	698.22
O	166+17.90	57.17' LT	698.72
P	166+23.64	59.55' LT	698.80
Q	166+11.33	49.41' LT	698.24
R	166+13.95	50.34' LT	698.62
S	166+16.71	44.04' LT	698.20
T	166+18.39	46.00' LT	698.58
U	166+21.90	50.23' LT	698.66
V	166+23.57	54.95' LT	698.73
W	166+29.51	47.51' LT	698.99
X	166+31.19	52.22' LT	699.08



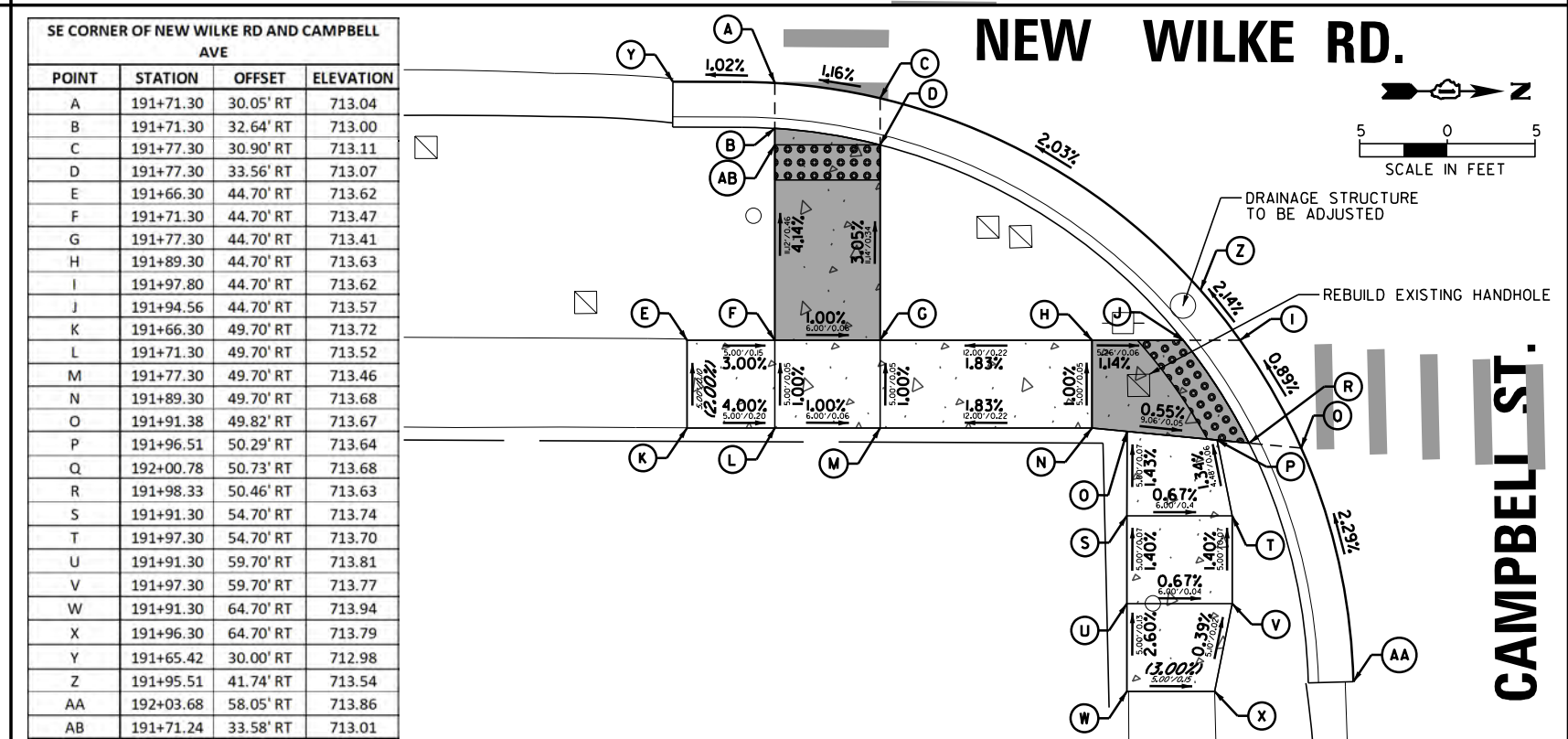
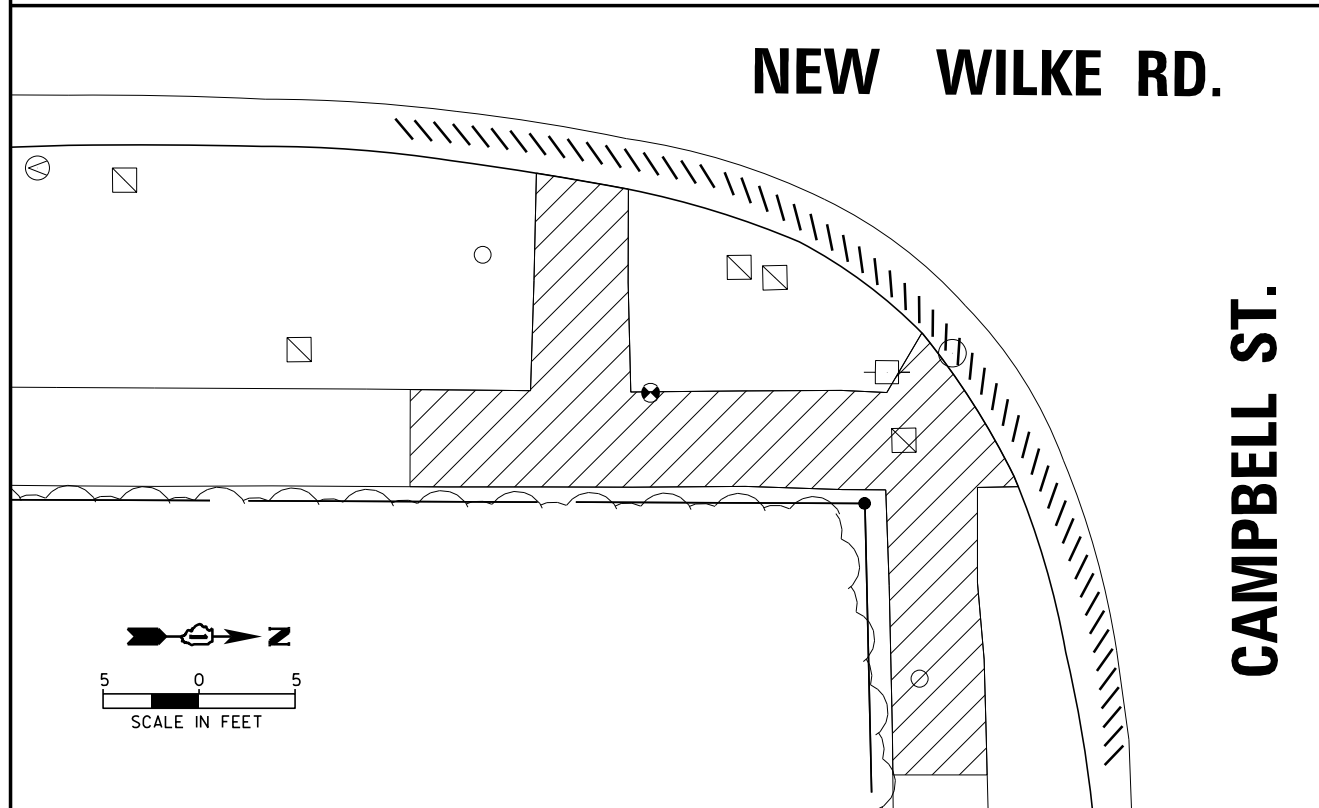
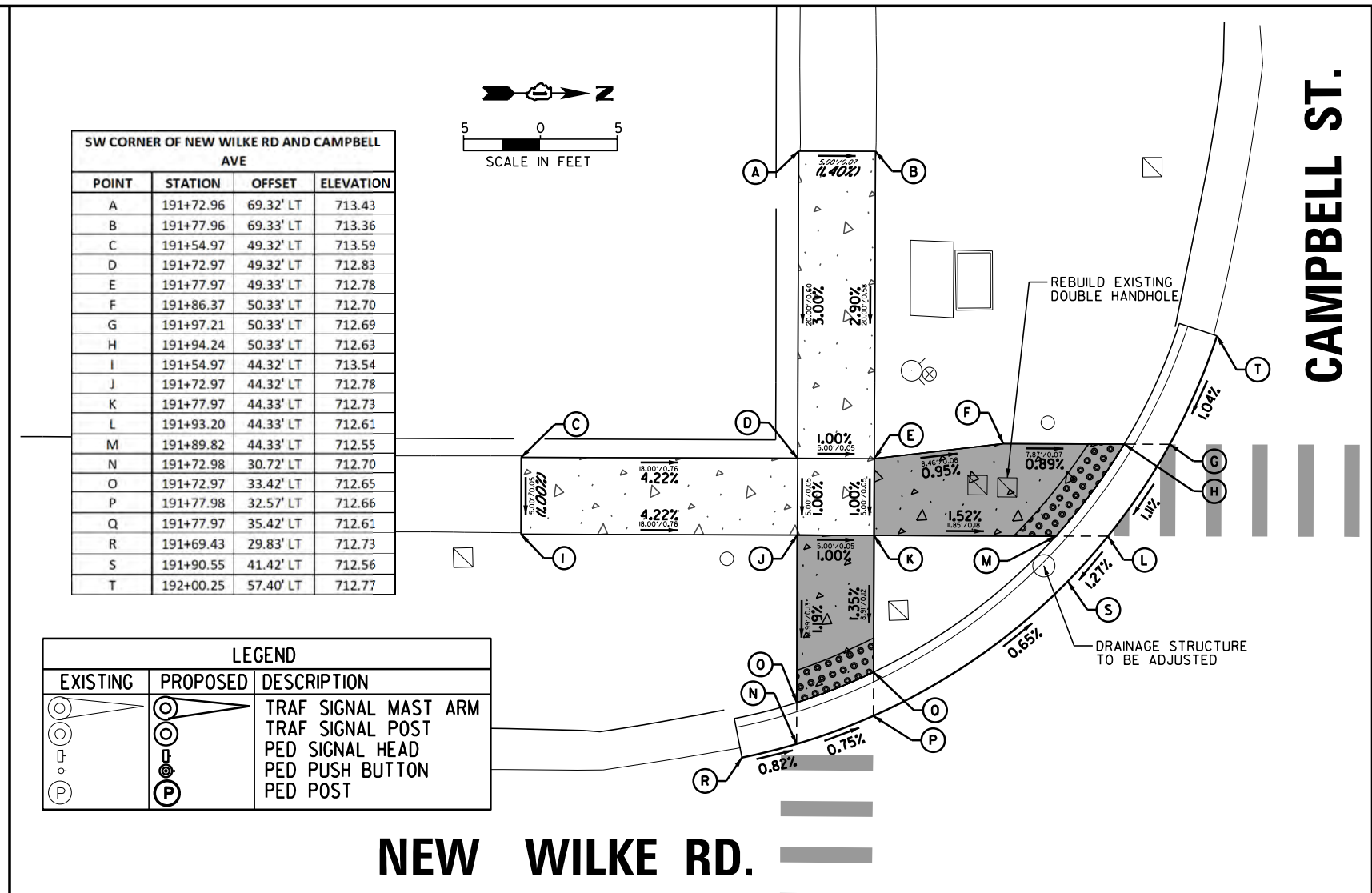
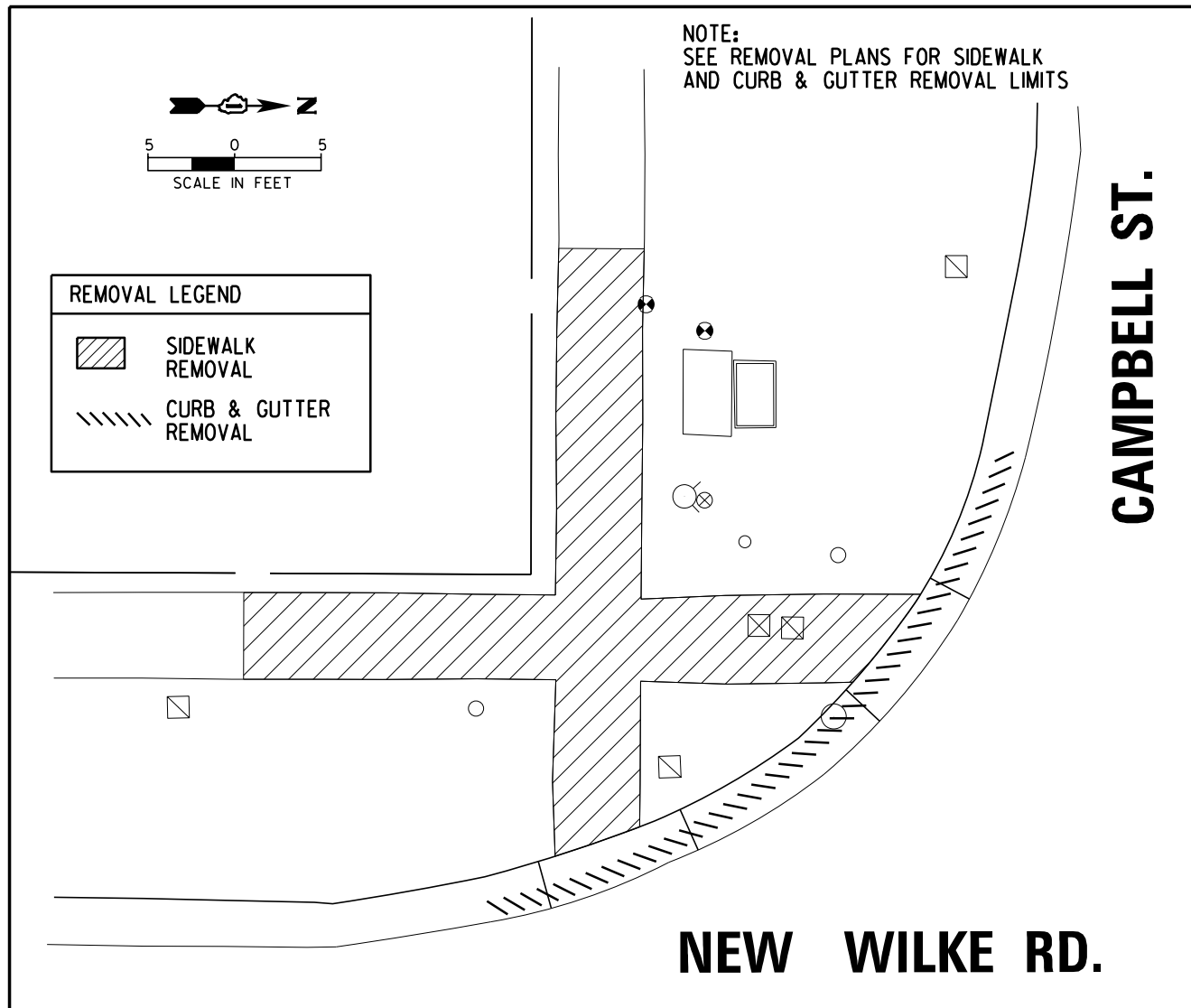
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Default	PLOT SCALE = 18"	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
ADA RAMP DETAILS

SCALE: 10' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	69
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



SW CORNER OF NEW WILKE RD AND CAMPBELL AVE

POINT	STATION	OFFSET	ELEVATION
A	191+72.96	69.32' LT	713.43
B	191+77.96	69.33' LT	713.36
C	191+54.97	49.32' LT	713.59
D	191+72.97	49.32' LT	712.83
E	191+77.97	49.33' LT	712.78
F	191+86.37	50.33' LT	712.70
G	191+97.21	50.33' LT	712.69
H	191+94.24	50.33' LT	712.63
I	191+54.97	44.32' LT	713.54
J	191+72.97	44.32' LT	712.78
K	191+77.97	44.33' LT	712.73
L	191+93.20	44.33' LT	712.61
M	191+89.82	44.33' LT	712.55
N	191+72.98	30.72' LT	712.70
O	191+72.97	33.42' LT	712.65
P	191+77.98	32.57' LT	712.66
Q	191+77.97	35.42' LT	712.61
R	191+69.43	29.83' LT	712.73
S	191+90.55	41.42' LT	712.56
T	192+00.25	57.40' LT	712.77

LEGEND

EXISTING	PROPOSED	DESCRIPTION
(Symbol)	(Symbol)	TRAF SIGNAL MAST ARM
(Symbol)	(Symbol)	TRAF SIGNAL POST
(Symbol)	(Symbol)	PED SIGNAL HEAD
(Symbol)	(Symbol)	PED PUSH BUTTON
(Symbol)	(Symbol)	PED POST

SE CORNER OF NEW WILKE RD AND CAMPBELL AVE

POINT	STATION	OFFSET	ELEVATION
A	191+71.30	30.05' RT	713.04
B	191+71.30	32.64' RT	713.00
C	191+77.30	30.90' RT	713.11
D	191+77.30	33.56' RT	713.07
E	191+66.30	44.70' RT	713.62
F	191+71.30	44.70' RT	713.47
G	191+77.30	44.70' RT	713.41
H	191+89.30	44.70' RT	713.63
I	191+97.80	44.70' RT	713.62
J	191+94.56	44.70' RT	713.57
K	191+66.30	49.70' RT	713.72
L	191+71.30	49.70' RT	713.52
M	191+77.30	49.70' RT	713.46
N	191+89.30	49.70' RT	713.68
O	191+91.38	49.82' RT	713.67
P	191+96.51	50.29' RT	713.64
Q	192+00.78	50.73' RT	713.68
R	191+98.33	50.46' RT	713.63
S	191+91.30	54.70' RT	713.74
T	191+97.30	54.70' RT	713.70
U	191+91.30	59.70' RT	713.81
V	191+97.30	59.70' RT	713.77
W	191+91.30	64.70' RT	713.94
X	191+96.30	64.70' RT	713.79
Y	191+65.42	30.00' RT	712.98
Z	191+95.51	41.74' RT	713.54
AA	192+03.68	58.05' RT	713.86
AB	191+71.24	33.58' RT	713.01



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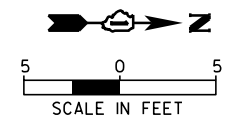
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
ADA RAMP DETAILS

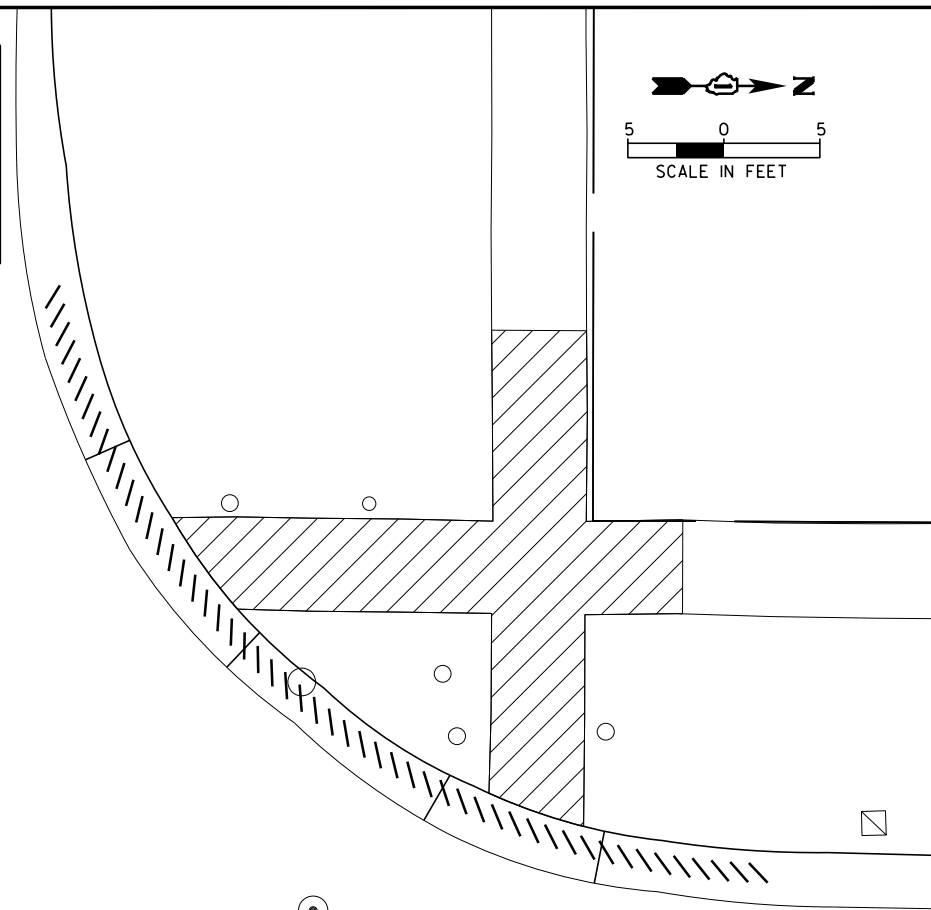
SCALE: 10' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	70
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND	
	SIDEWALK REMOVAL
	CURB & GUTTER REMOVAL



CAMPBELL ST.

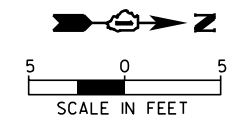
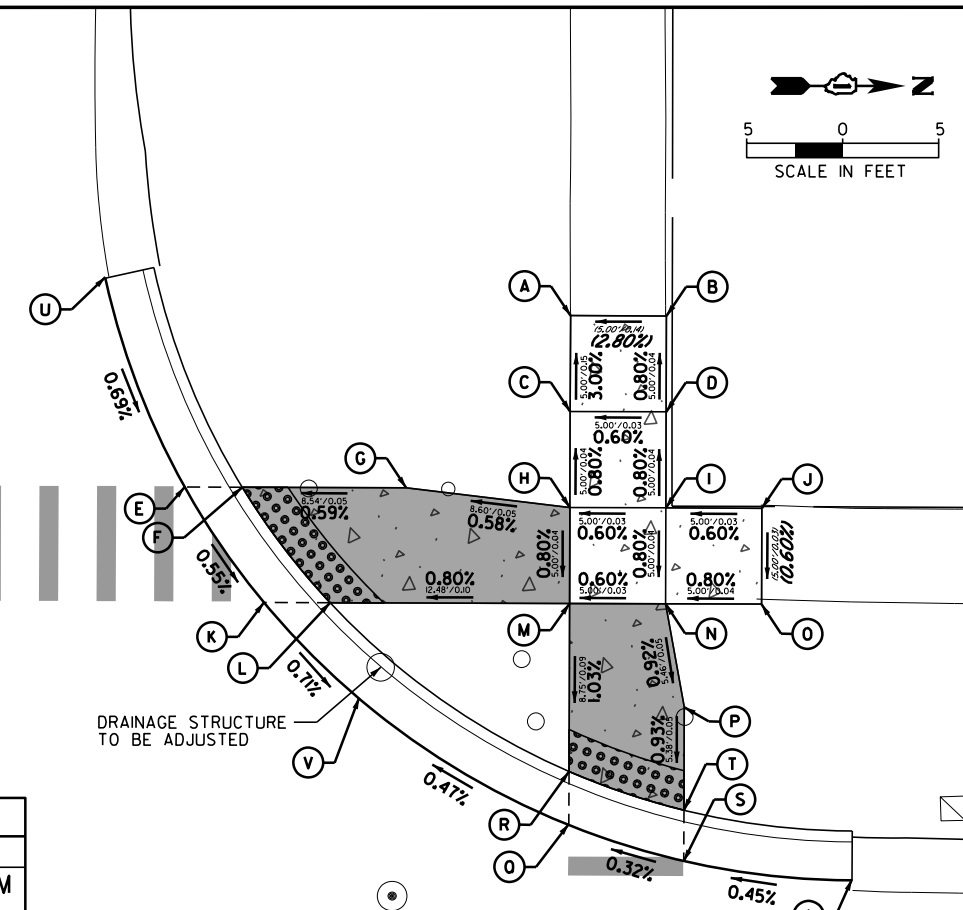












NOTE:
SEE REMOVAL PLANS FOR SIDEWALK
AND CURB & GUTTER REMOVAL LIMITS

NEW WILKE RD.

NW CORNER OF NEW WILKE RD AND CAMPBELL AVE			
POINT	STATION	OFFSET	ELEVATION
A	192+66.22	59.37' LT	712.55
B	192+71.22	59.37' LT	712.69
C	192+66.22	54.37' LT	712.70
D	192+71.22	54.37' LT	712.73
E	192+46.16	50.36' LT	712.69
F	192+49.15	50.36' LT	712.64
G	192+57.69	50.36' LT	712.69
H	192+66.23	49.37' LT	712.74
I	192+71.23	49.37' LT	712.77
J	192+76.23	49.37' LT	712.80
K	192+50.30	44.36' LT	712.65
L	192+53.75	44.36' LT	712.60
M	192+66.23	44.37' LT	712.70
N	192+71.23	44.37' LT	712.73
O	192+72.23	39.00' LT	712.68
P	192+66.23	32.83' LT	712.66
Q	192+66.23	35.62' LT	712.61
R	192+72.24	30.97' LT	712.68
S	192+72.23	33.62' LT	712.63
T	192+41.98	61.22' LT	712.77
U	192+55.29	39.36' LT	712.60
V	192+81.01	30.00' LT	712.72
W	192+76.23	44.37' LT	712.77

CAMPBELL ST.

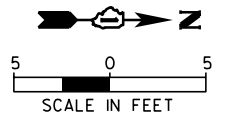
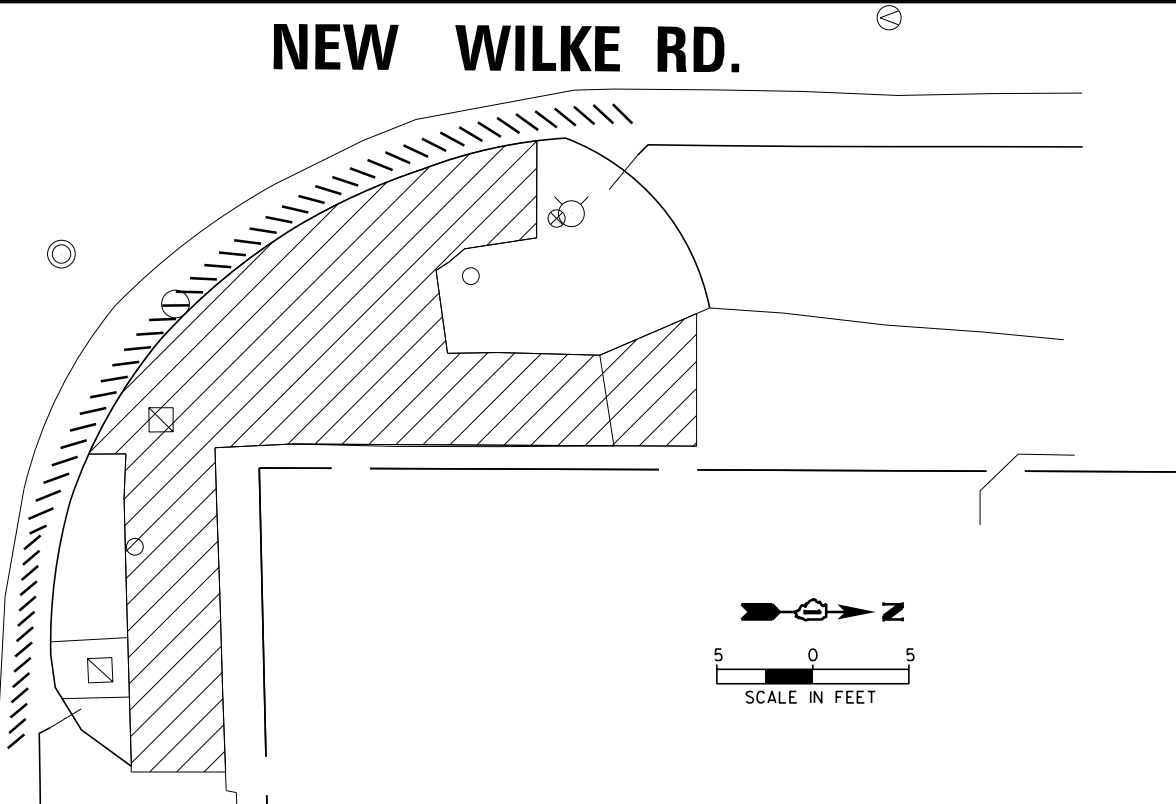


LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		TRAF SIGNAL MAST ARM
		TRAF SIGNAL POST
		PED SIGNAL HEAD
		PED PUSH BUTTON
		PED POST

NEW WILKE RD.

NEW WILKE RD.

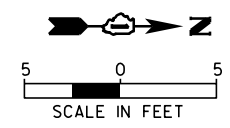
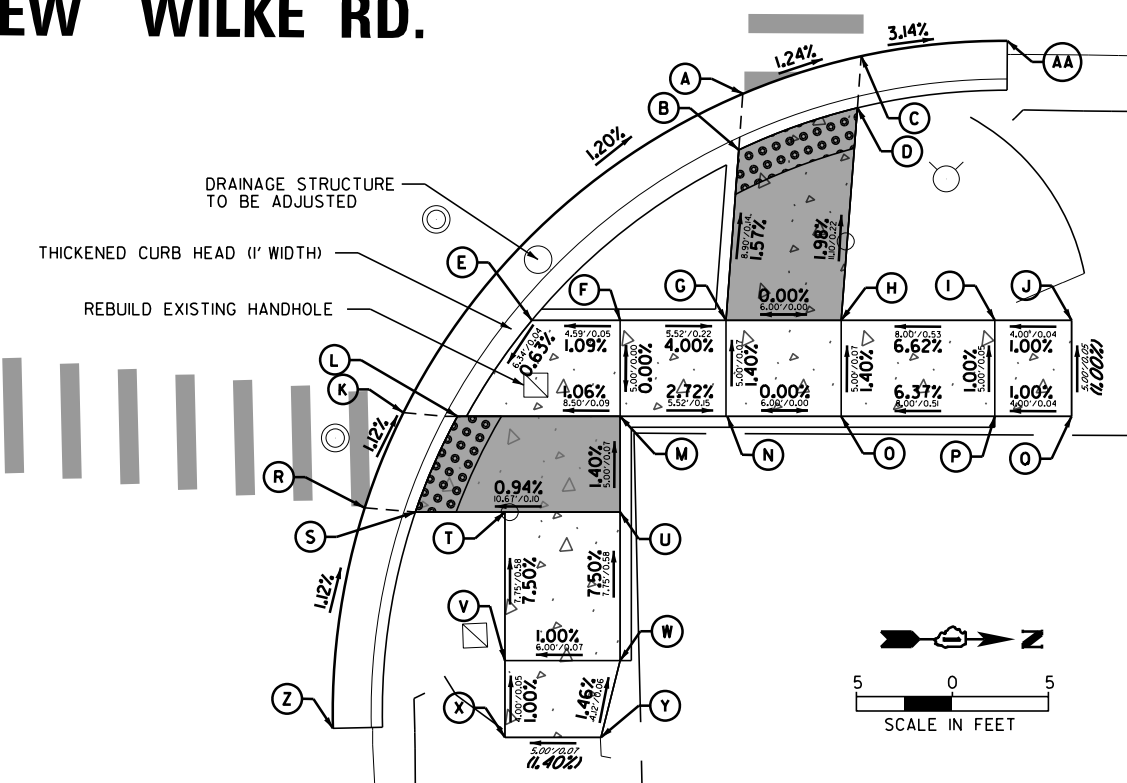
CAMPBELL ST.



NE CORNER OF NEW WILKE RD AND CAMPBELL AVE			
POINT	STATION	OFFSET	ELEVATION
A	192+61.63	32.82' RT	713.28
B	192+61.43	35.74' RT	713.25
C	192+67.79	30.84' RT	713.20
D	192+67.60	33.53' RT	713.17
E	192+50.69	44.66' RT	713.56
F	192+55.28	44.64' RT	713.61
G	192+60.80	44.62' RT	713.39
H	192+66.80	44.60' RT	713.39
I	192+74.80	44.57' RT	713.92
J	192+78.80	44.55' RT	713.96
K	192+44.01	49.50' RT	713.57
L	192+46.82	49.68' RT	713.52
M	192+55.30	49.64' RT	713.61
N	192+60.82	49.62' RT	713.46
O	192+66.82	49.60' RT	713.46
P	192+74.82	49.57' RT	713.97
Q	192+78.82	49.55' RT	714.01
R	192+42.01	54.47' RT	713.63
S	192+44.66	54.69' RT	713.58
T	192+49.32	54.67' RT	713.62
U	192+55.32	54.64' RT	713.68
V	192+49.35	62.40' RT	714.20
W	192+55.35	62.38' RT	714.26
X	192+49.37	66.40' RT	714.25
Y	192+54.37	66.38' RT	714.32
Z	192+40.41	65.97' RT	713.76
AA	192+75.39	30.00' RT	712.96

CAMPBELL ST.

NEW WILKE RD.



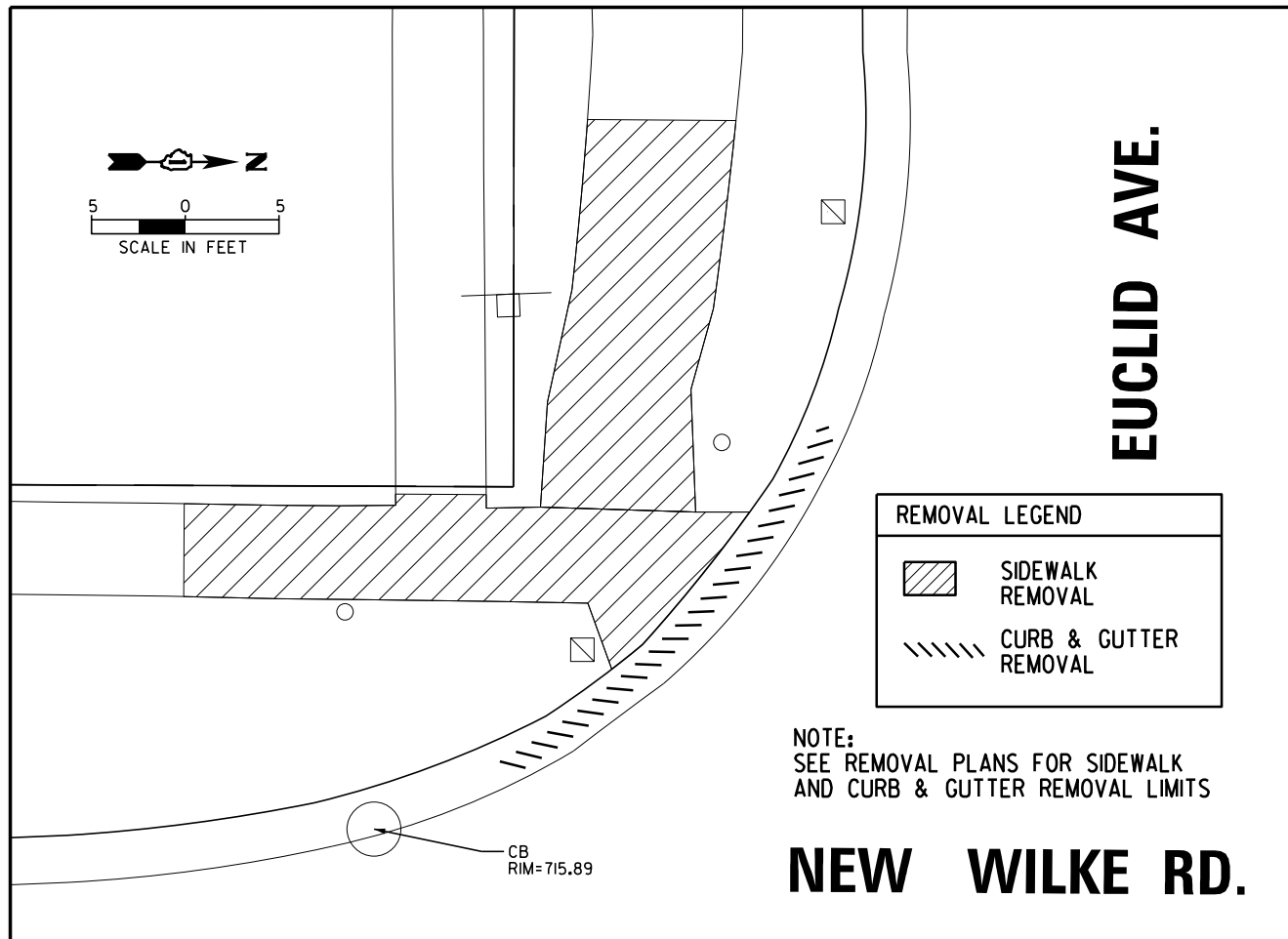
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	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
ADA RAMP DETAILS

SCALE: 10' SHEET OF SHEETS STA. TO STA.

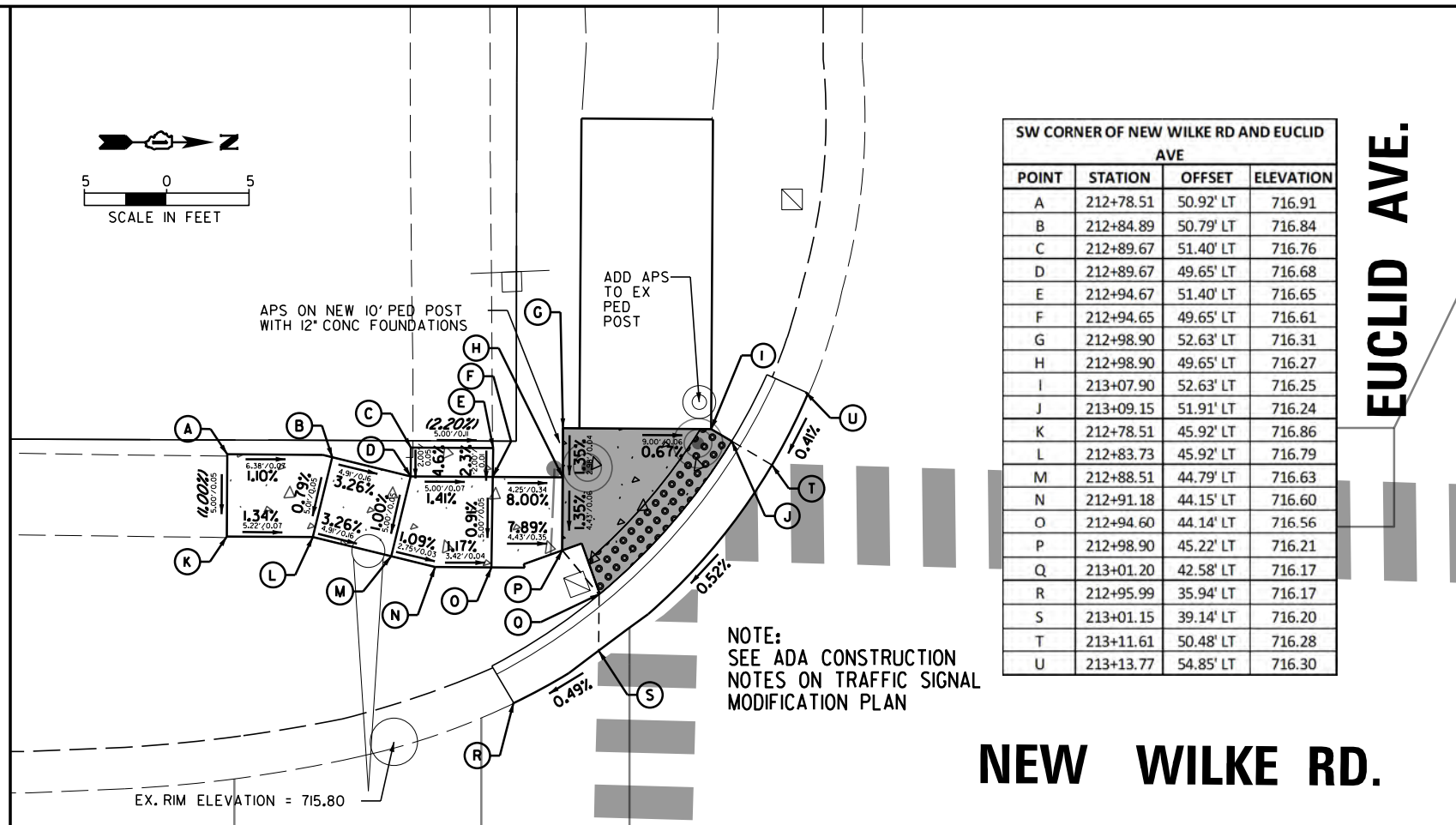
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	71
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

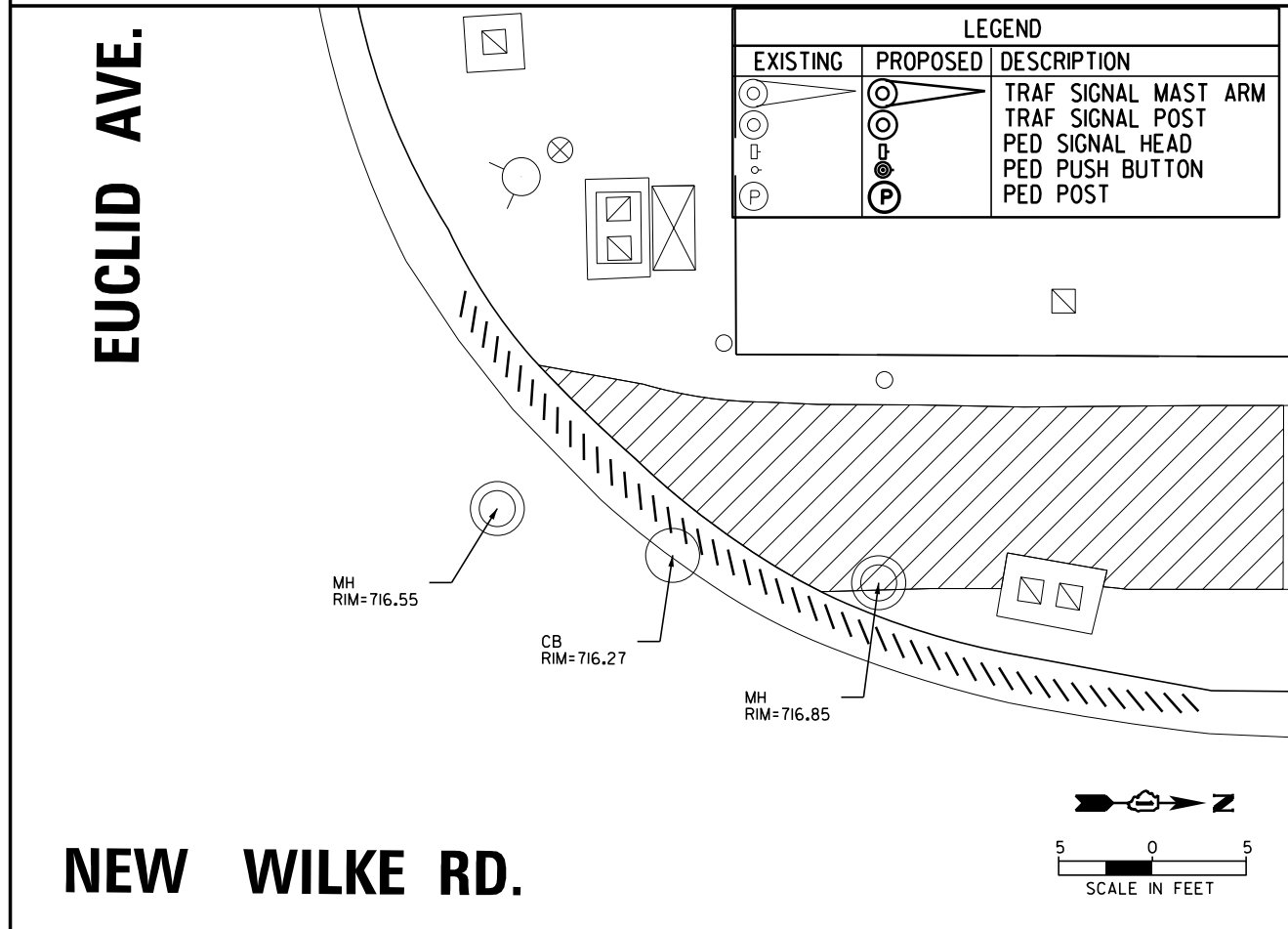
	SIDEWALK REMOVAL
	CURB & GUTTER REMOVAL

NOTE:
SEE REMOVAL PLANS FOR SIDEWALK
AND CURB & GUTTER REMOVAL LIMITS



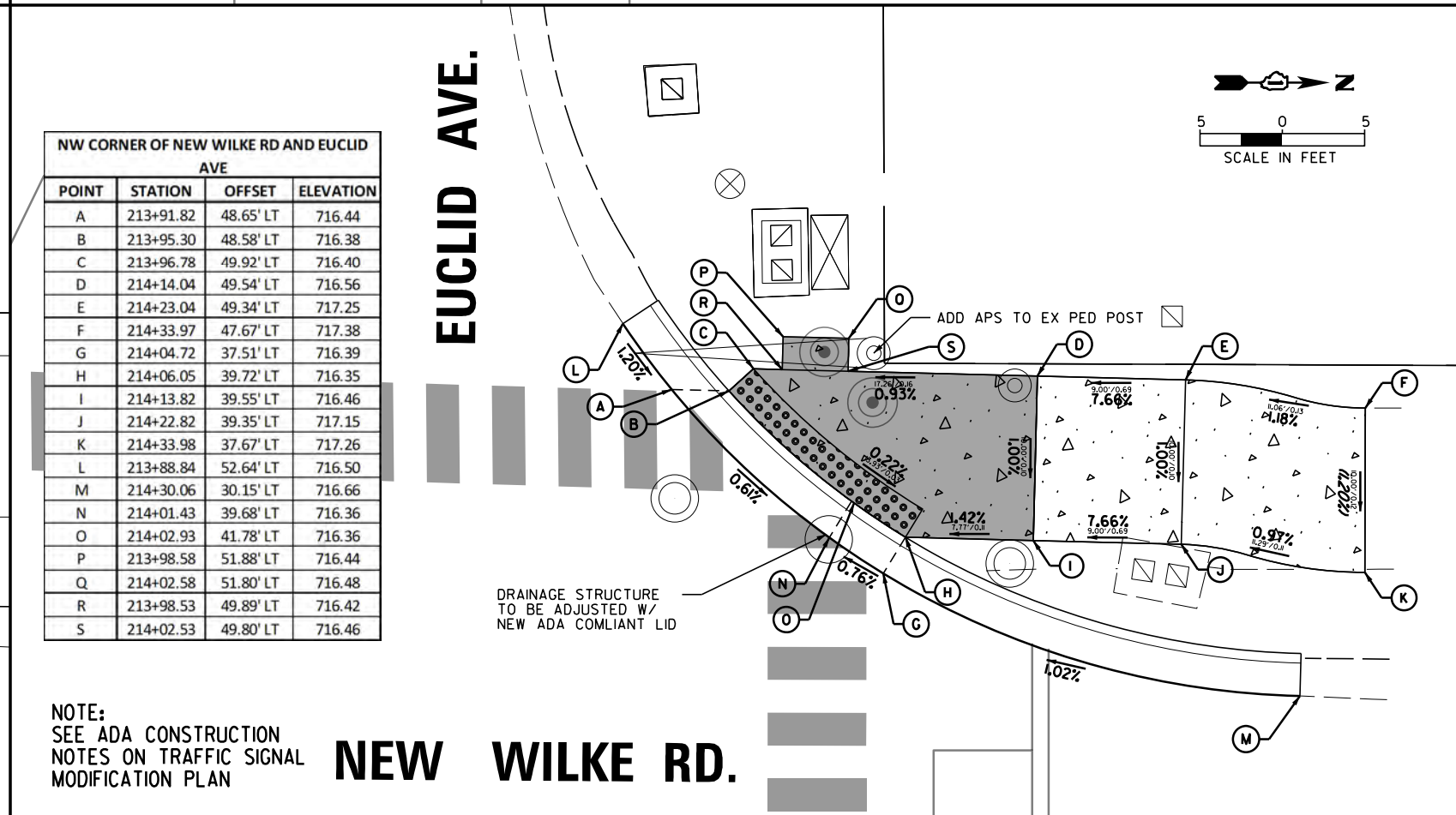
SW CORNER OF NEW WILKE RD AND EUCLID AVE

POINT	STATION	OFFSET	ELEVATION
A	212+78.51	50.92' LT	716.91
B	212+84.89	50.79' LT	716.84
C	212+89.67	51.40' LT	716.76
D	212+89.67	49.65' LT	716.68
E	212+94.67	51.40' LT	716.65
F	212+94.65	49.65' LT	716.61
G	212+98.90	52.63' LT	716.31
H	212+98.90	49.65' LT	716.27
I	213+07.90	52.63' LT	716.25
J	213+09.15	51.91' LT	716.24
K	212+78.51	45.92' LT	716.86
L	212+83.73	45.92' LT	716.79
M	212+88.51	44.79' LT	716.63
N	212+91.18	44.15' LT	716.60
O	212+94.60	44.14' LT	716.56
P	212+98.90	45.22' LT	716.21
Q	213+01.20	42.58' LT	716.17
R	212+95.99	35.94' LT	716.17
S	213+01.15	39.14' LT	716.20
T	213+11.61	50.48' LT	716.28
U	213+13.77	54.85' LT	716.30



LEGEND

EXISTING	PROPOSED	DESCRIPTION
		TRAF SIGNAL MAST ARM
		TRAF SIGNAL POST
		PED SIGNAL HEAD
		PED PUSH BUTTON
		PED POST



NW CORNER OF NEW WILKE RD AND EUCLID AVE

POINT	STATION	OFFSET	ELEVATION
A	213+91.82	48.65' LT	716.44
B	213+95.30	48.58' LT	716.38
C	213+96.78	49.92' LT	716.40
D	214+14.04	49.54' LT	716.56
E	214+23.04	49.34' LT	717.25
F	214+33.97	47.67' LT	717.38
G	214+04.72	37.51' LT	716.39
H	214+06.05	39.72' LT	716.35
I	214+13.82	39.55' LT	716.46
J	214+22.82	39.35' LT	717.15
K	214+33.98	37.67' LT	717.26
L	213+88.84	52.64' LT	716.50
M	214+30.06	30.15' LT	716.66
N	214+01.43	39.68' LT	716.36
O	214+02.93	41.78' LT	716.36
P	213+98.58	51.88' LT	716.44
Q	214+02.58	51.80' LT	716.48
R	213+98.53	49.89' LT	716.42
S	214+02.53	49.80' LT	716.46

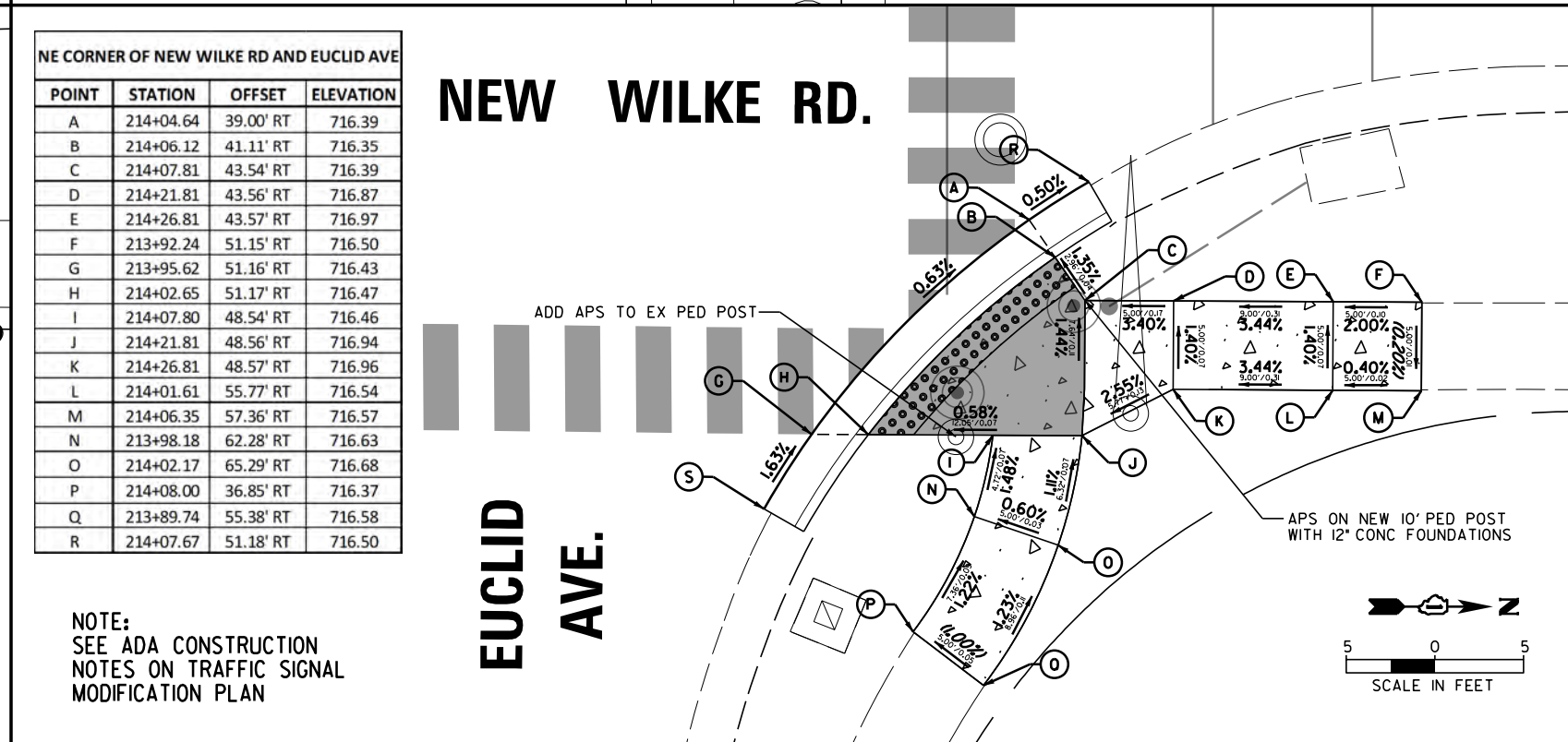
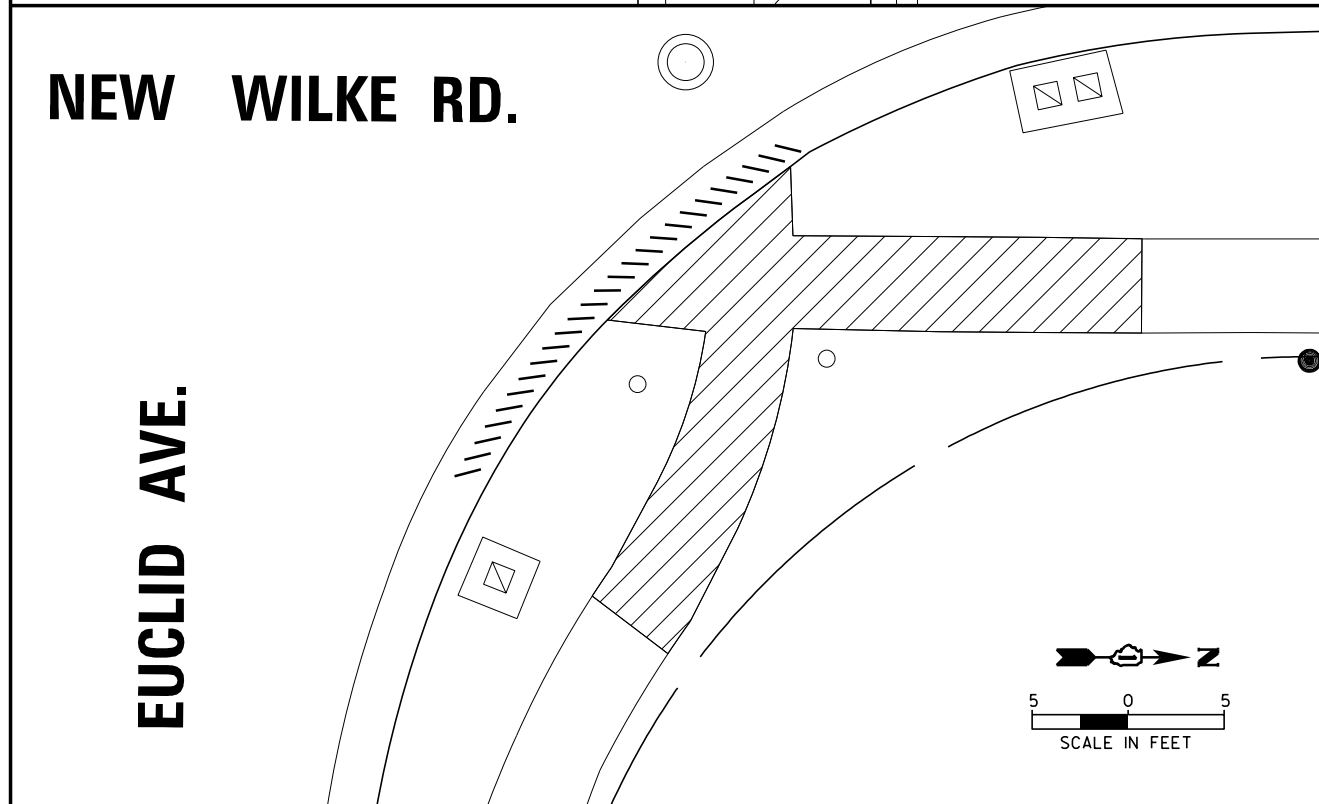
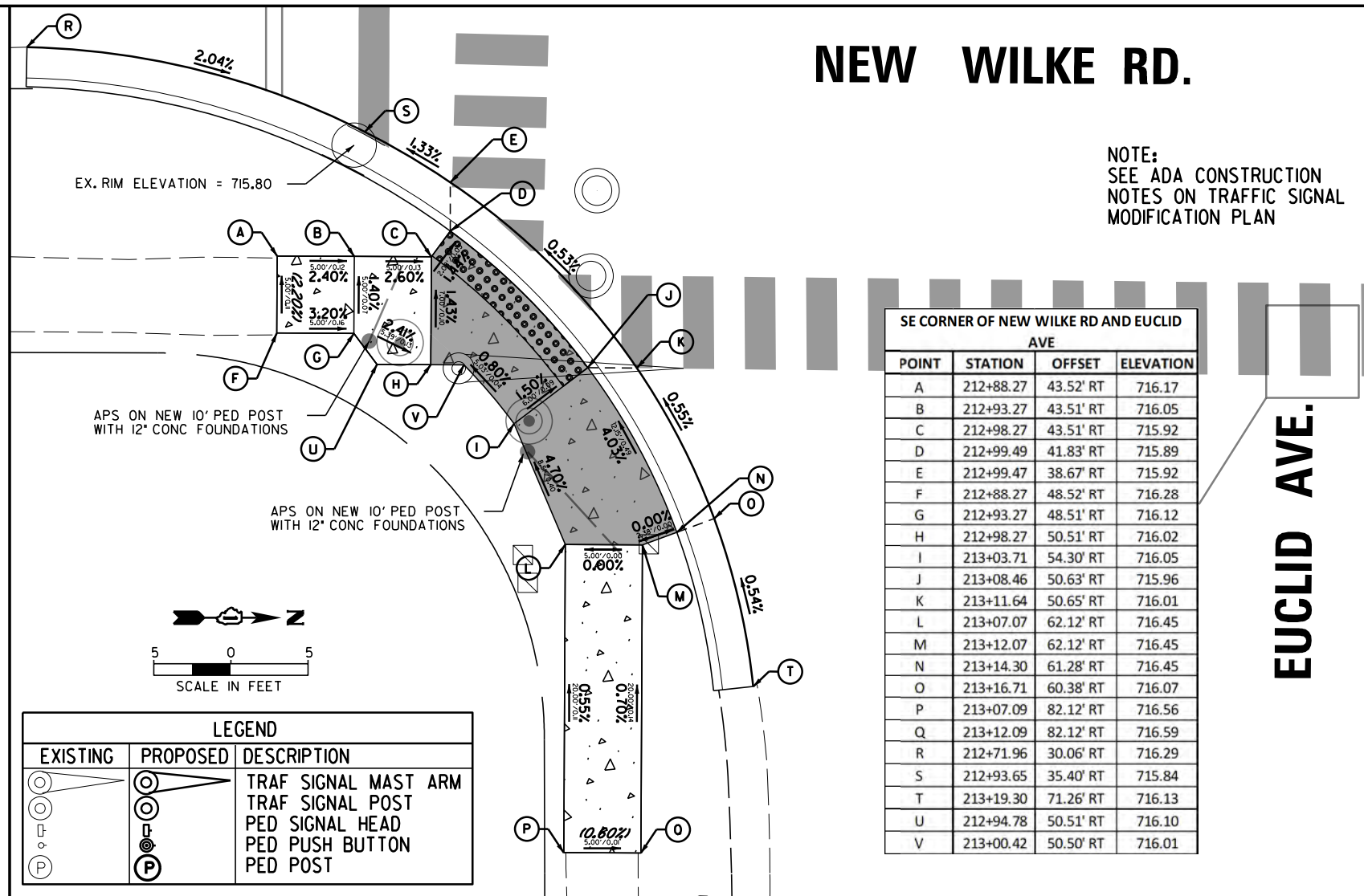
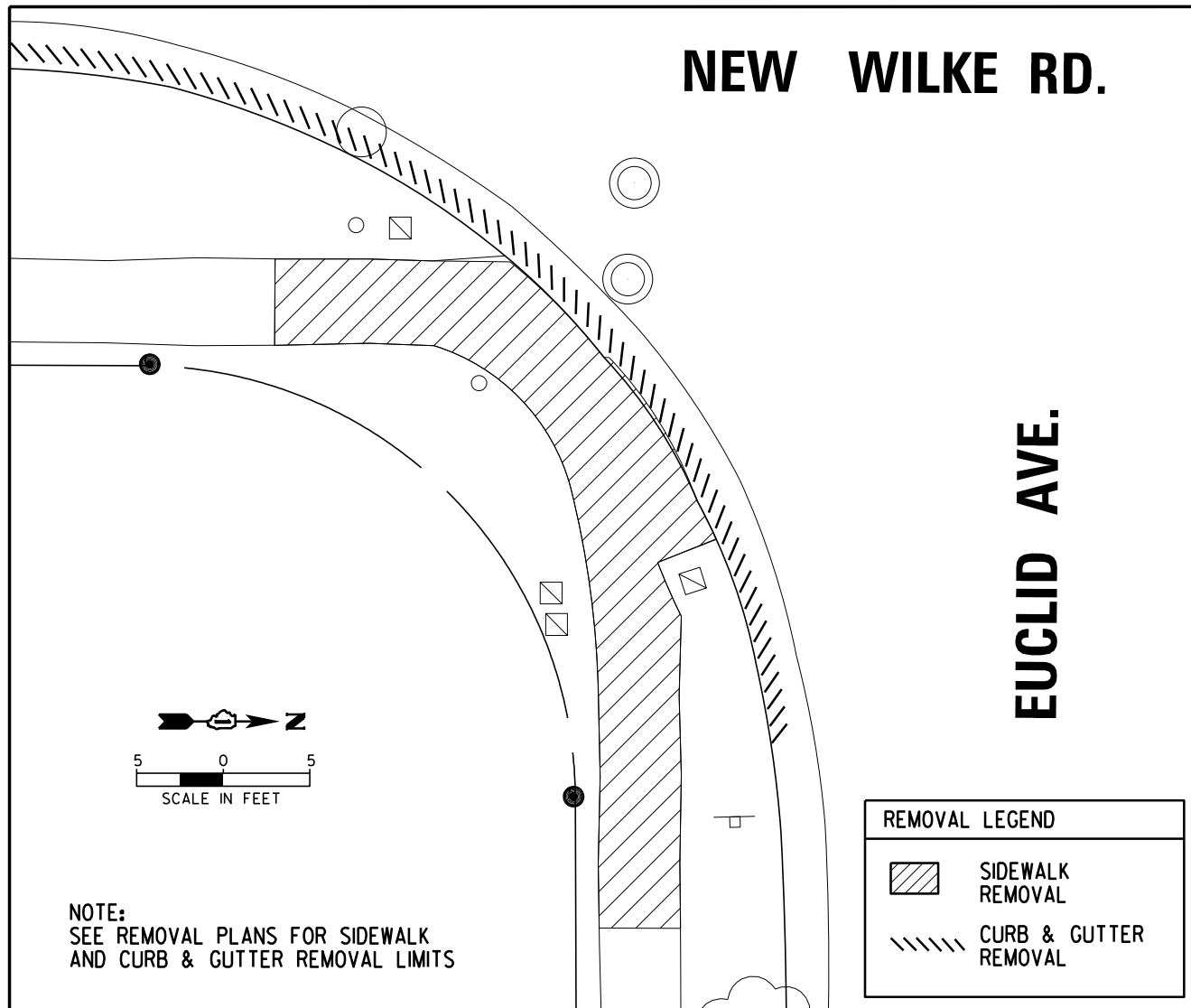
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Default	PLOT SCALE = 18'	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
ADA RAMP DETAILS

SCALE: 10' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	72
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

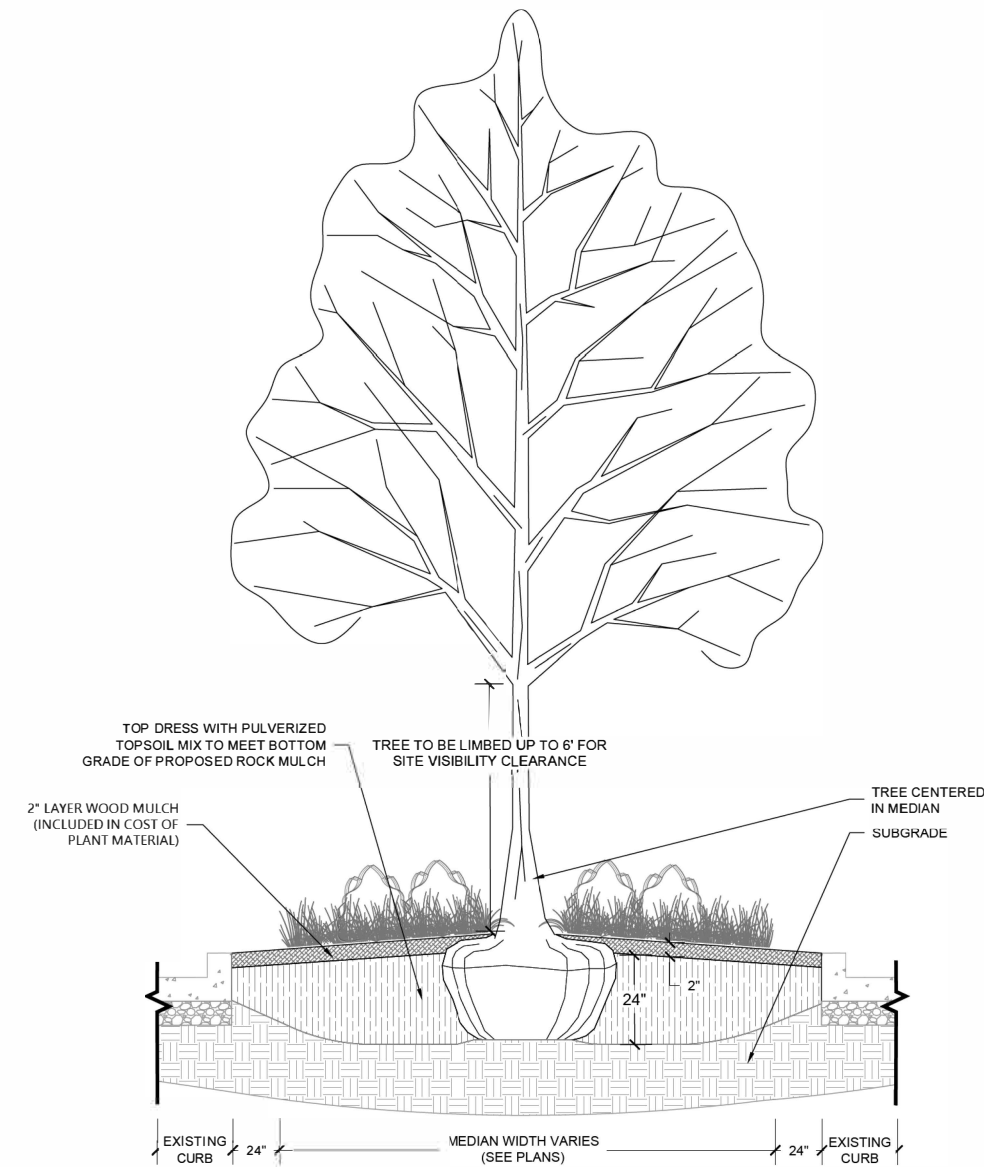


GENERAL CONSTRUCTION NOTES:

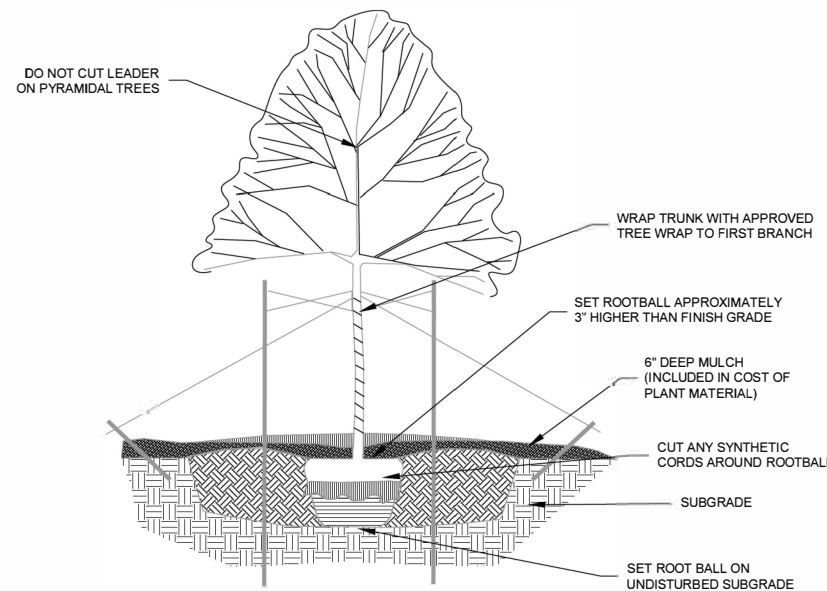
1. ALL ALTERATIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
2. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
3. ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
4. ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKMANSHIP.
5. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
6. EXCAVATE MEDIANS TO A DEPTH OF 24" AND BACKFILL WITH TOPSOIL, WOOD MULCH AND COBBLE (SEE PLANS).
7. PROVIDE POSITIVE DRAINAGE AT ALL TIMES. DO NOT OBSTRUCT NATURAL OR DESIGNED DRAINAGE FLOW PATTERN.
8. ANY IMPORTED TOPSOIL SHALL BE SCREENED AND NOT CONTAIN STONES, LARGE CLUMPS GREATER THAN 1", ROOTS, OR ANY DEBRIS.
9. ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACKFILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOT BALL DIAMETER, WATERED, FERTILIZED, PRUNED AND HAVE ALL TAGS AND ROPES REMOVED.
10. TREES SHALL BE STAKED AND GUYED AND WATERING SAUCER AT BASE.
11. ALL MASS PLANTED SHRUB BEDS TO BE BERMED 2" TO 3" ABOVE GRADE AND MEET DRAINAGE REQUIREMENTS.
12. PROVIDE POSITIVE DRAINAGE AT ALL TIMES. DO NOT OBSTRUCT NATURAL OR DESIGNED DRAINAGE FLOW.
13. THE NOSES OF LANDSCAPE PLANTING BEDS, ADJACENT TO CURB, SHALL USE BARRIER FABRIC UNDER COBBLE MULCH. .
14. LAWN AND BED AREAS SHALL BE ROTO TILLED AND CLUMPS OF SOIL, AGGREGATES AND DEBRIS RAKED OUT AND REMOVED FROM THE SITE.

PLANT SCHEDULE

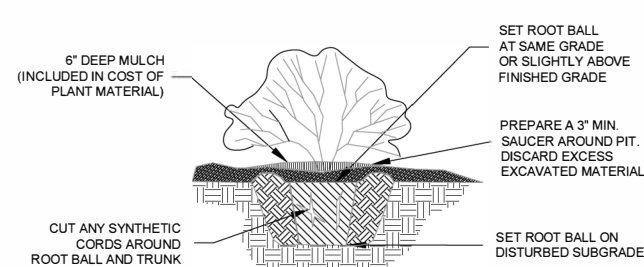
IDOT CODE	SYM.	BOTANICAL NAME	COMMON NAME	QTY	COND.	SIZE	UNIT	MATURE HT.	SPACING
Trees									
A2002816	Ca sp	<i>Catalpa speciosa</i>	Northern Catalpa	12	B & B	2"	---	60'	SEE PLANS
A2002916	Ce oc	<i>Celtis occidentalis</i>	Common Hackberry	14	B & B	2"	---	50'	SEE PLANS
B2002216	Cr WK	<i>Crataegus viridis 'Winter King'</i>	Winter King Green Hawthorn	19	B & B	2"	---	20-30'	SEE PLANS
A2005016	Gy di	<i>Gymnocladus dioica</i>	Kentucky Coffeetree	11	B & B	2"	---	50'	SEE PLANS
A2005516	Ny sy	<i>Nyssa sylvatica</i>	Black Tupelo	5	B & B	2"	---	60'	SEE PLANS
A2005816	Pl oc	<i>Platanus occidentalis</i>	American Sycamore	15	B & B	2"	---	60'	SEE PLANS
D2002088	Pl om	<i>Picea omorika</i>	Serbian Spruce	5	B & B	8' HT	---	50'	SEE PLANS
A2006416	Qu al	<i>Quercus alba</i>	White Oak	16	B & B	2"	---	60'	SEE PLANS
A2006516	Qu bi	<i>Quercus bicolor</i>	Swamp White Oak	14	B & B	2"	---	60'	SEE PLANS
A2006616	Qu im	<i>Quercus imbricaria</i>	Shingle Oak	15	B & B	2"	---	60'	SEE PLANS
A2007116	Qu ru	<i>Quercus rubra</i>	Northern Red Oak	13	B & B	2"	---	60'	SEE PLANS
A2006816	Qu mu	<i>Quercus muehlenbergii</i>	Chinkapin Oak	11	B & B	2"	---	60'	SEE PLANS
B2006316	Sy IS	<i>Syringa reticulata 'Ivory Silk'</i>	Ivory Silk Japanese Tree Lilac	3	B & B	2"	---	20-30'	SEE PLANS
A2007716	Ta SB	<i>Taxodium distichum 'Shawnee Brave'</i>	Shawnee Brave Bald Cypress	6	B & B	2"	---	60'	SEE PLANS
Shrubs									
C2C019G5	Ar IB	<i>Aronia melanocarpa 'Iroquois Beauty'</i>	Iroquois Beauty Black Chokeberry	66	CONT	5G	---	30"	SEE PLANS
C2C02324	Di lo	<i>Diervilla lonicera</i>	Bush Honeysuckle	82	CONT	2' HT	---	36"	SEE PLANS
D2C01018	Ju Wi	<i>Juniperus horizontalis 'Wiltonii'</i>	Blue Rug Creeping Juniper	28	CONT	18" W	---	6"	SEE PLANS
D2C01118	Ju Na	<i>Juniperus procumbens 'Nana'</i>	Dwarf Japanese Garden Juniper	52	CONT	18" W	---	8-12"	SEE PLANS
C2C10930	Sy Pa	<i>Syringa meyeri 'Palbin'</i>	Dwarf Korean Lilac	51	CONT	5G	---	48"	SEE PLANS
C2C11752	Vi BM	<i>Viburnum dentatum 'Blue Muffin'</i>	Blue Muffin Arrowwood Viburnum	48	CONT	2' HT	---	48"	SEE PLANS
Grass									
K0013000	Pa Re	<i>Panicum virgatum 'Rehbraun'</i>	Rehbraun Switchgrass	304	8 flats	CONT	38 flat	3.04	36"
K0013000	Bo cu	<i>Bouteloua curtipendula</i>	Sideoats Grama	710	71 flats	CONT	10 flat	7.1	12-18"
K0013000	Sp he	<i>Sporobolus heterolepis</i>	Prairie Dropseed	410	41 flats	CONT	10 flat	4.1	24"
Perennial									
K0013000	As tu	<i>Asclepias tuberosa</i>	Butterflyweed	532	14 flats	CONT	38 flat	5.32	30"
K0013000	Am hu	<i>Amsonia hubrichtii</i>	Threadleaf Bluestar	266	7 flats	CONT	38 flat	2.66	30-36"
K0013000	Ca ne	<i>Calamintha nepeta ssp. nepeta</i>	Lesser Catmint	190	5 flats	CONT	38 flat	1.9	18"
K0013000	Ba au	<i>Baptisia australis</i>	Blue False Indigo	114	3 flats	CONT	38 flat	1.14	36"
K0013000	Pe HR	<i>Penstemon digitalis 'Husker's Red'</i>	Husker's Red Foxglove Beardtongue	342	9 flats	CONT	38 flat	3.42	24"
Groundcover									
K0013000	Vi DB	<i>Vinca minor 'Dart's Blue'</i>	Darts Blue Periwinkle	342	9 flats	CONT	38 flat	3.42	6-8"



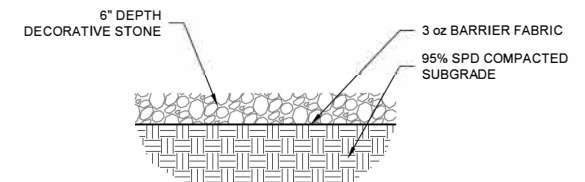
MEDIAN PLANTING DETAIL
NOT TO SCALE



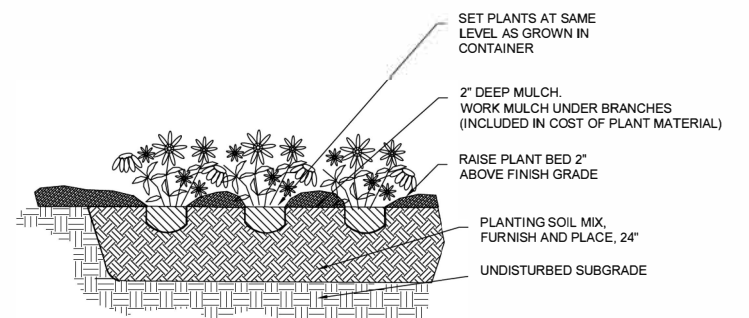
TREE PLANTING DETAIL
NOT TO SCALE



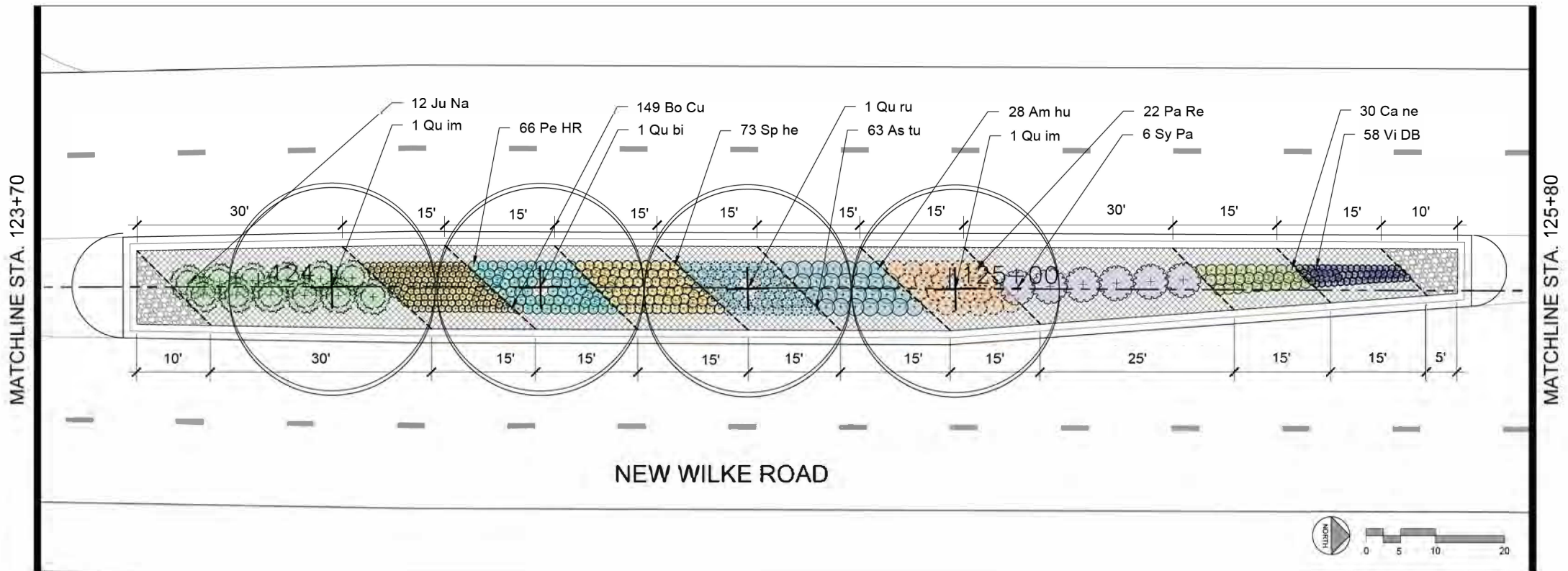
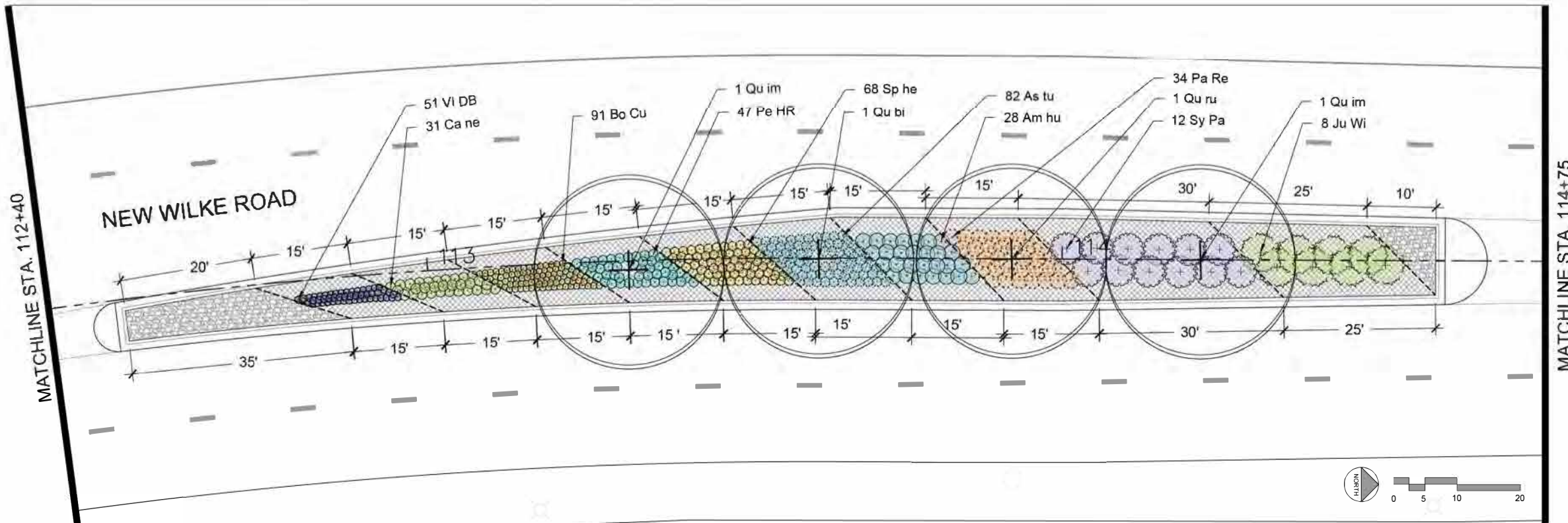
SHRUB PLANTING DETAIL
NOT TO SCALE



DECORATIVE STONE MULCH DETAIL
NOT TO SCALE



PERENNIAL, AND GROUNDCOVER DETAIL
NO SCALE



LEGEND

-  PROPOSED TREE
-  PROPOSED DECORATIVE STONE
-  PROPOSED WOOD MULCH

FILE NAME =
N:\Wilmington Heights\220543

USER NAME = B.Jackson

PLOT SCALE = 1" = 20'

PLOT DATE = 7.12.23

DESIGNED -

DRAWN -

CHECKED -

DATE -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

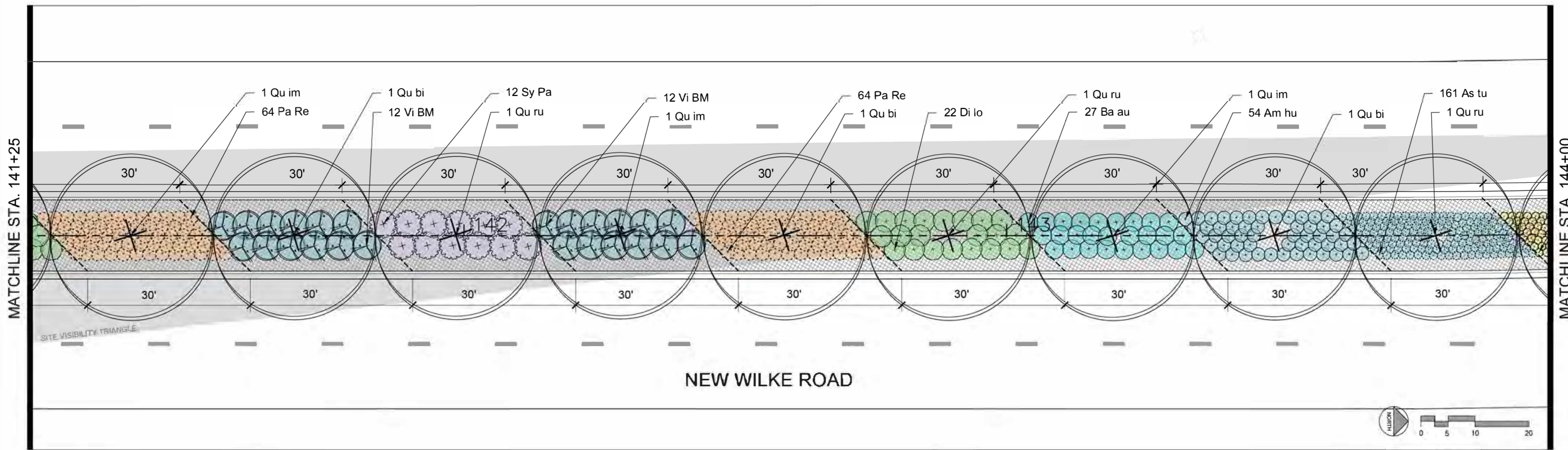
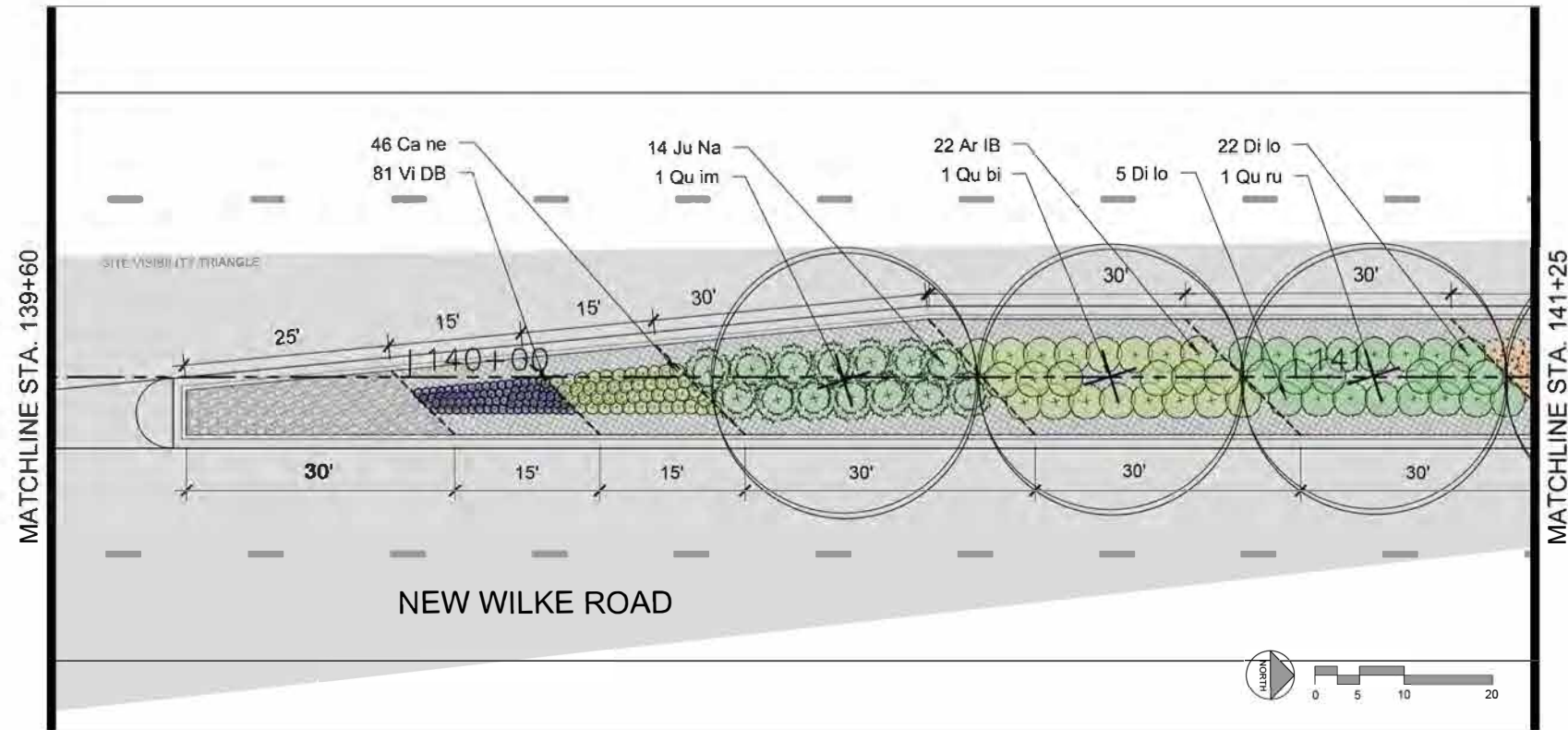
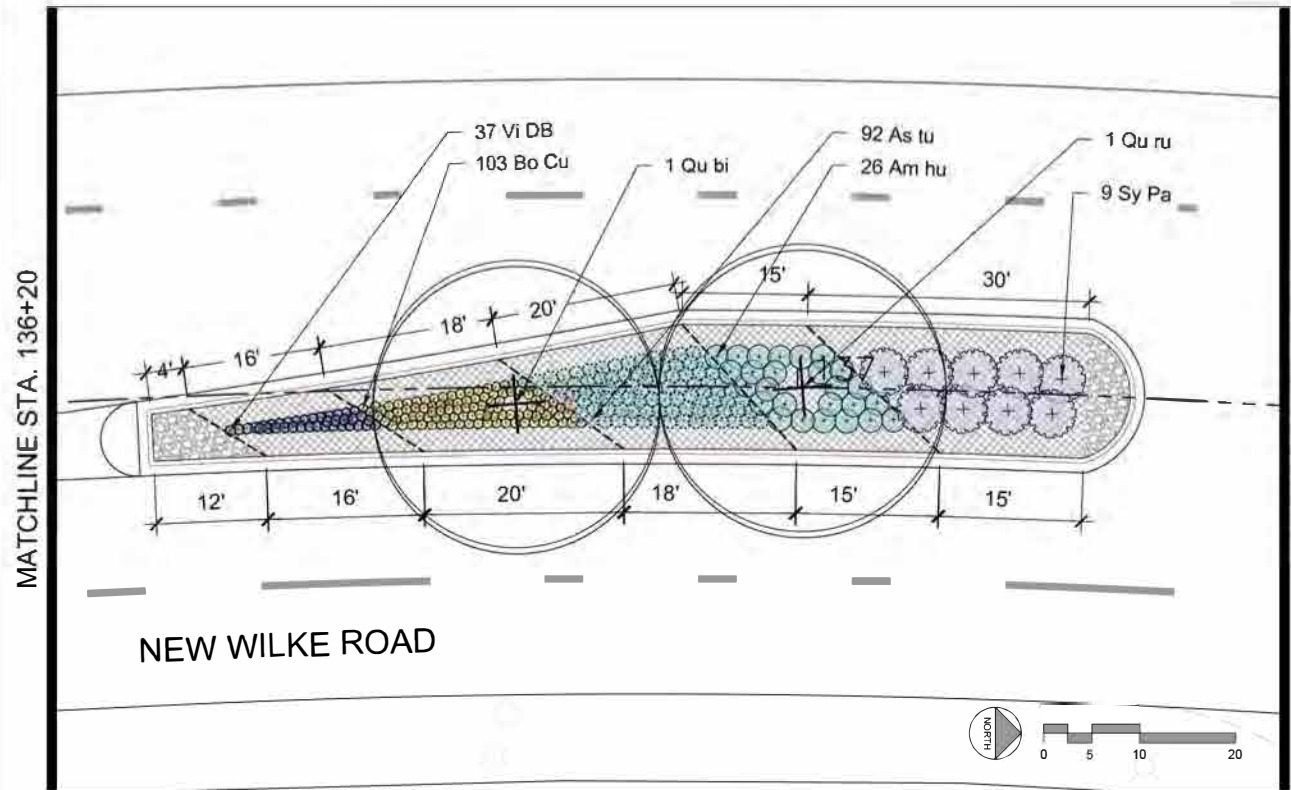
NEW WILKE ROAD
MEDIAN LANDSCAPE PLAN

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	75

CONTRACT NO. 61J73

ILLINOIS FED. AID PROJECT



LEGEND

-  PROPOSED TREE
-  PROPOSED DECORATIVE STONE
-  PROPOSED WOOD MULCH

FILE NAME =
N:\Wilmington Heights\220543

USER NAME = B.Jackson

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 1" = 20'

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PLOT DATE = 7.12.23

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

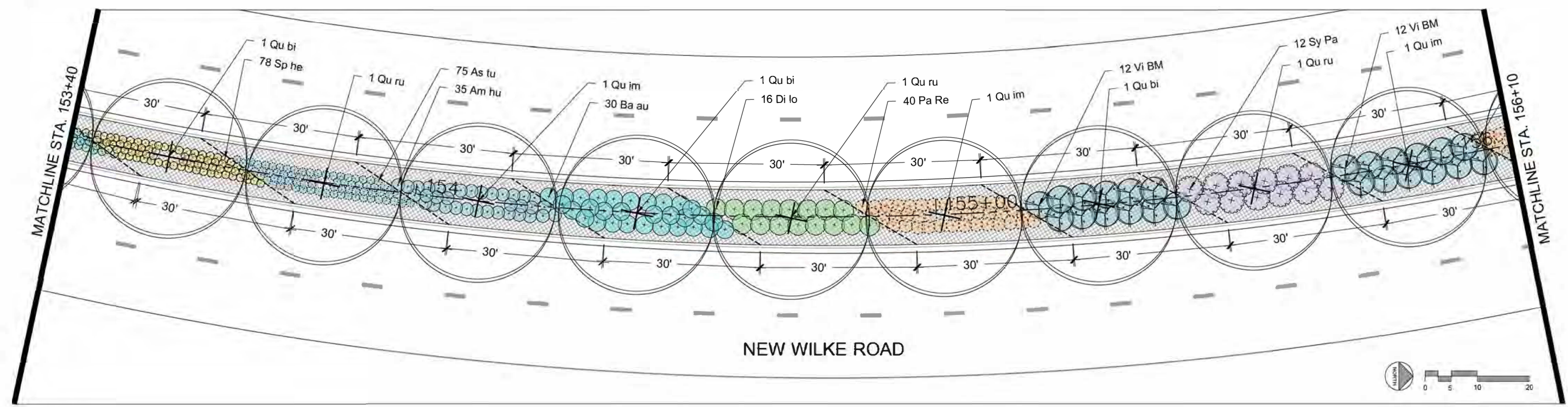
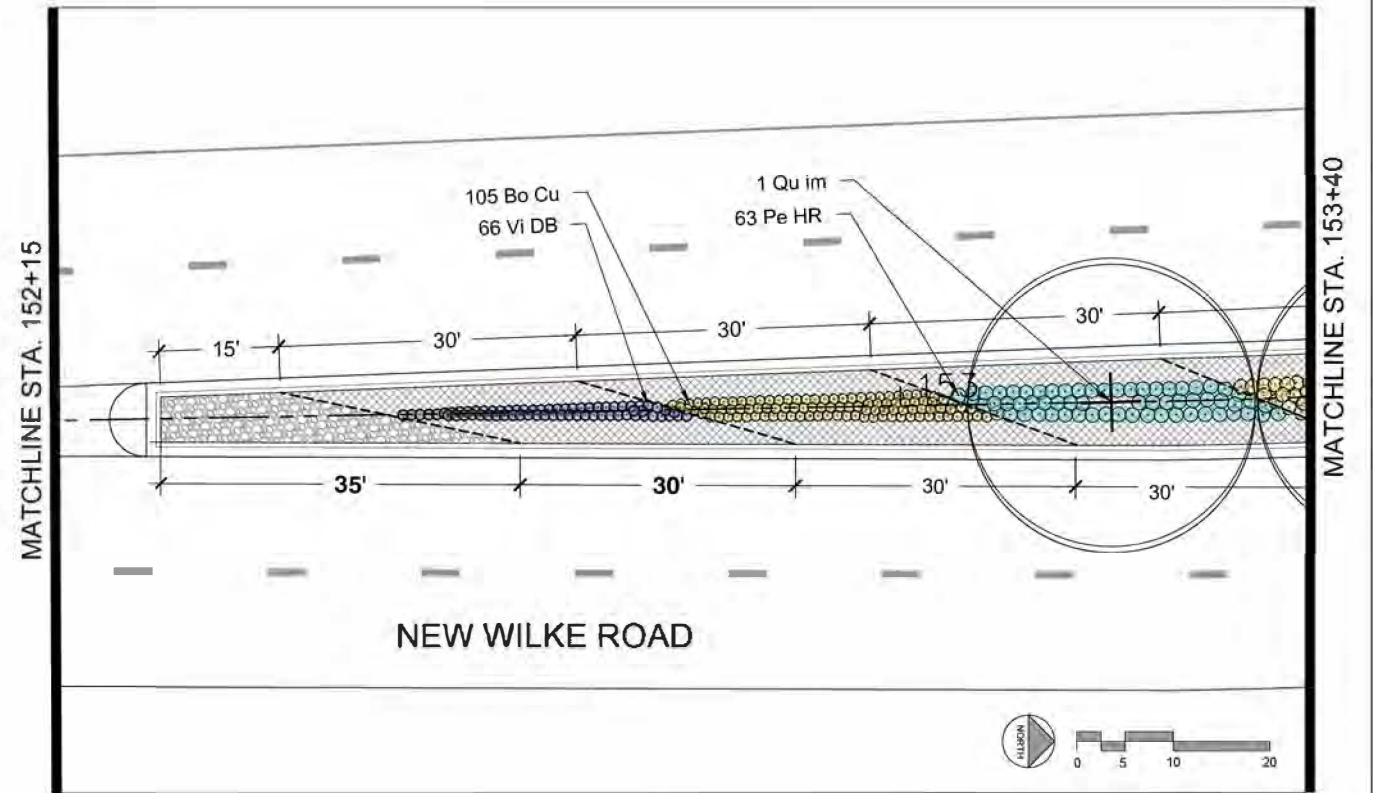
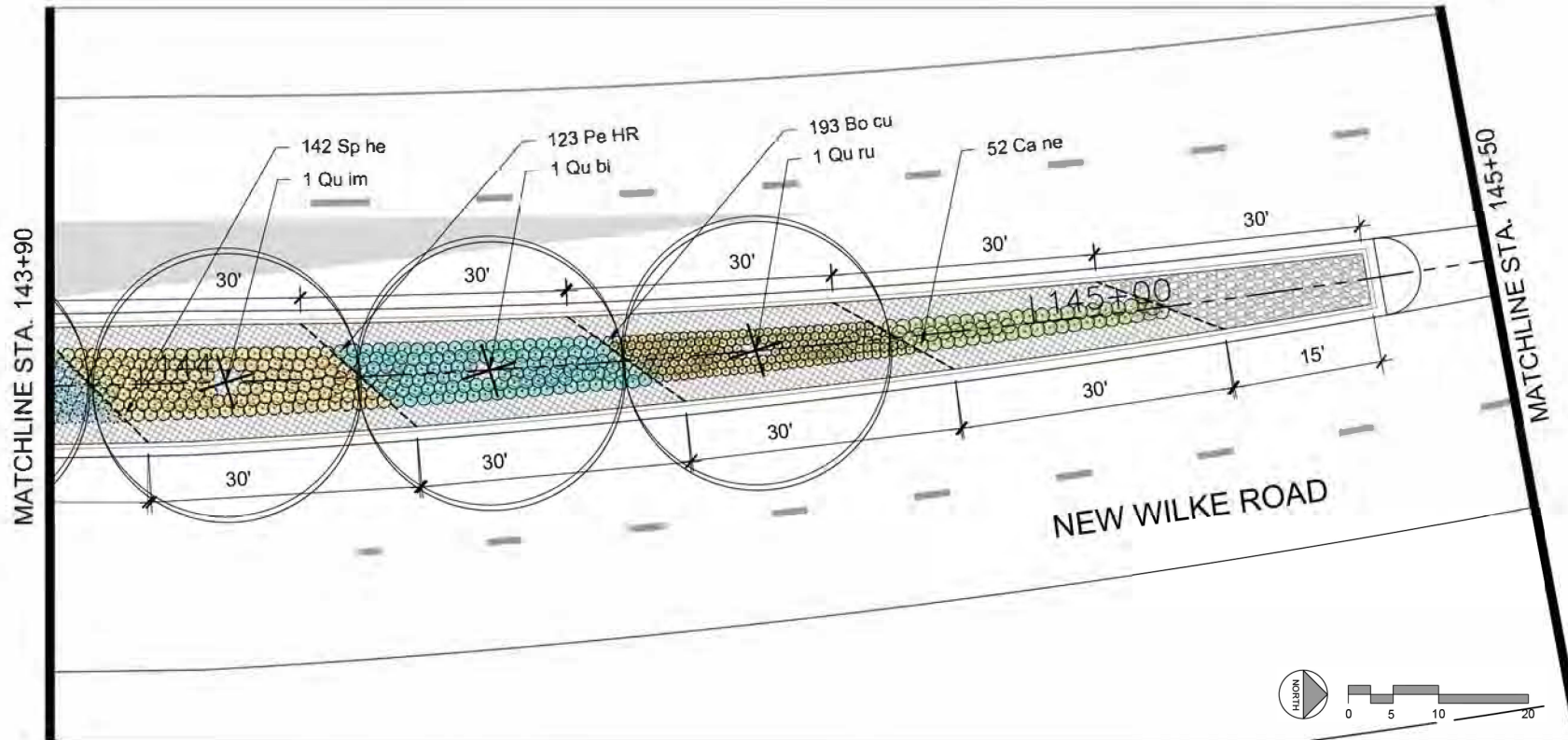
NEW WILKE ROAD
MEDIAN LANDSCAPE PLAN

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	76

CONTRACT NO. 61J73

ILLINOIS FED. AID PROJECT



LEGEND

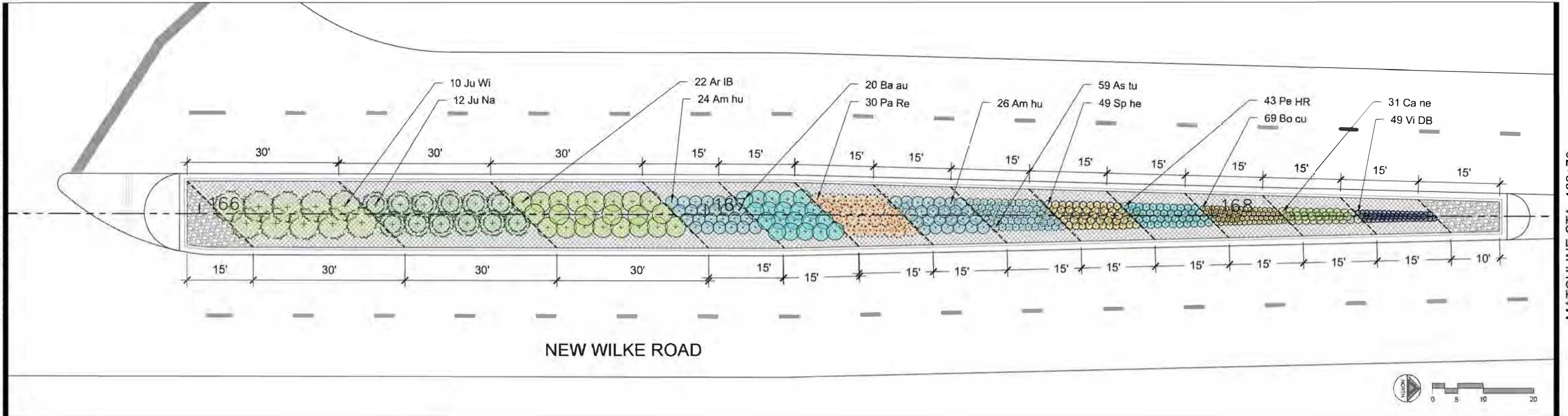
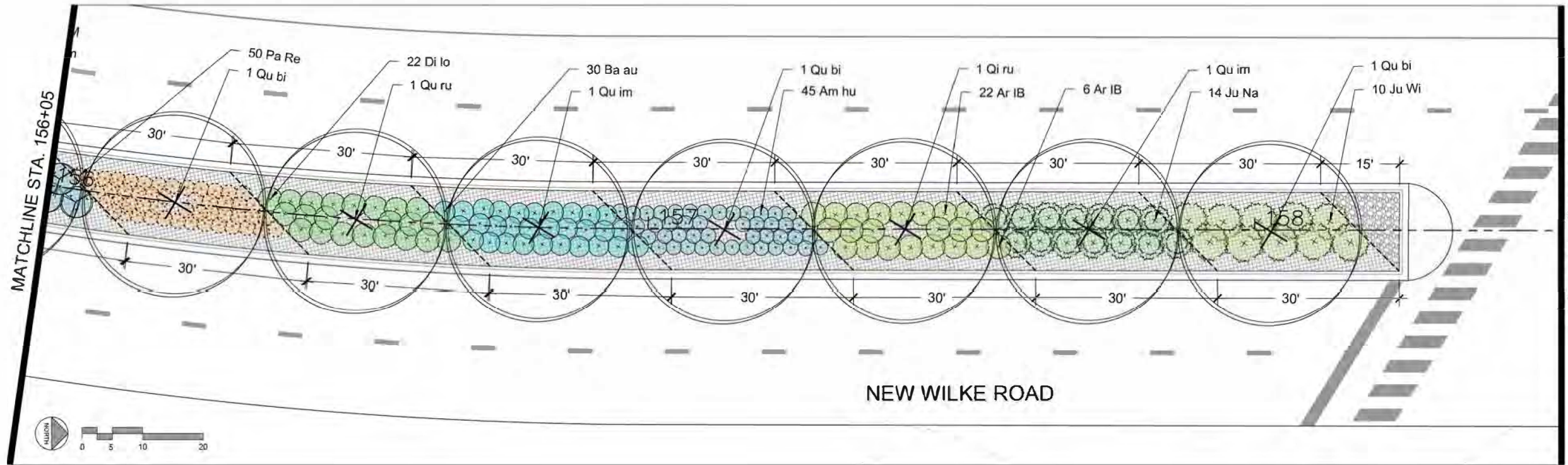
- PROPOSED TREE
- PROPOSED DECORATIVE STONE
- PROPOSED WOOD MULCH

FILE NAME = N:\Wilmington Heights\220543	USER NAME = B.Jackson	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD MEDIAN LANDSCAPE PLAN			
SCALE: 1" = 20'	SHEET OF SHEETS	STA. TO STA.	

MUN RTE. 2134	SECTION 22-00217-00-RS	COUNTY COOK	TOTAL SHEETS 136	SHEET NO. 77
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



LEGEND

-  PROPOSED TREE
-  PROPOSED DECORATIVE STONE
-  PROPOSED WOOD MULCH

FILE NAME = N:\Wilmington Heights\220543	USER NAME = B.Jackson	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD
MEDIAN LANDSCAPE PLAN

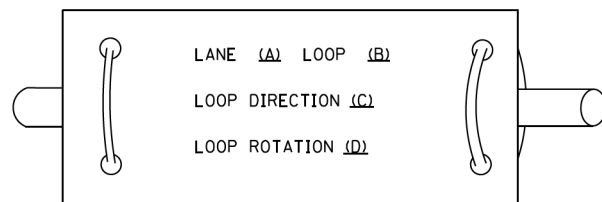
SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

MUN RTE. 2134	SECTION 22-00217-00-RS	COUNTY COOK	TOTAL SHEETS 136	SHEET NO. 78
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

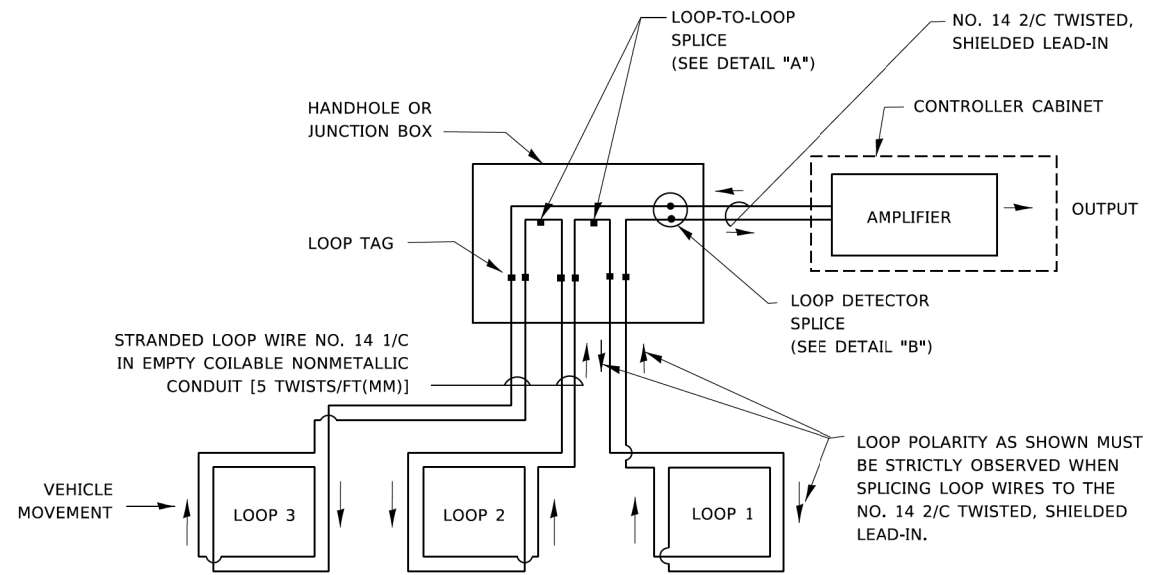
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

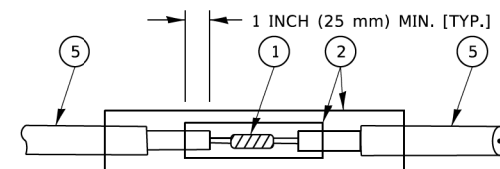


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

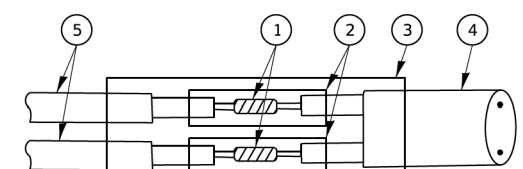


DETECTOR LOOP WIRING SCHEMATIC

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

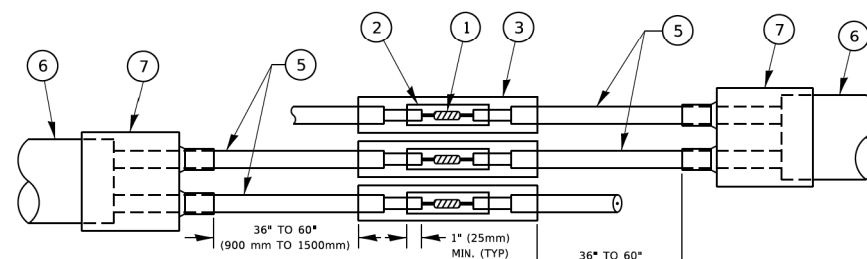


DETAIL "A"
LOOP-TO-LOOP SPLICE

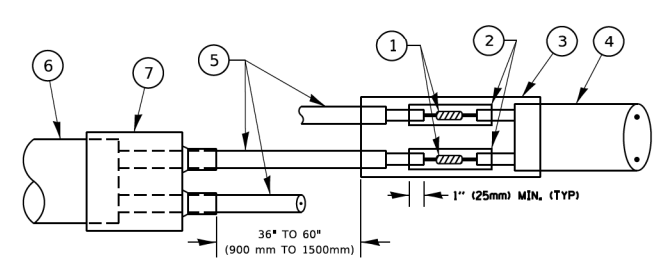


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

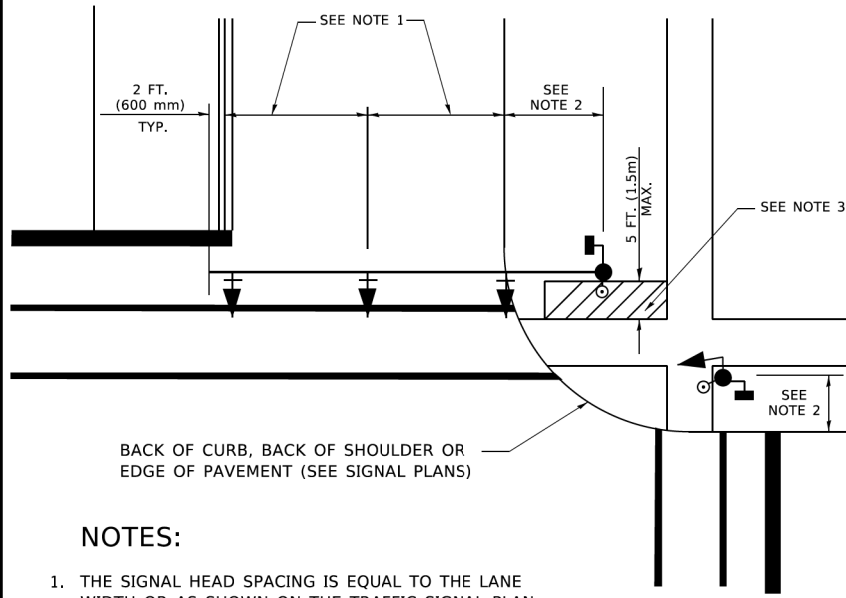
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2633	22-00217-00-RS	COOK	136	80
TS-05			CONTRACT NO.	61J73
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

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

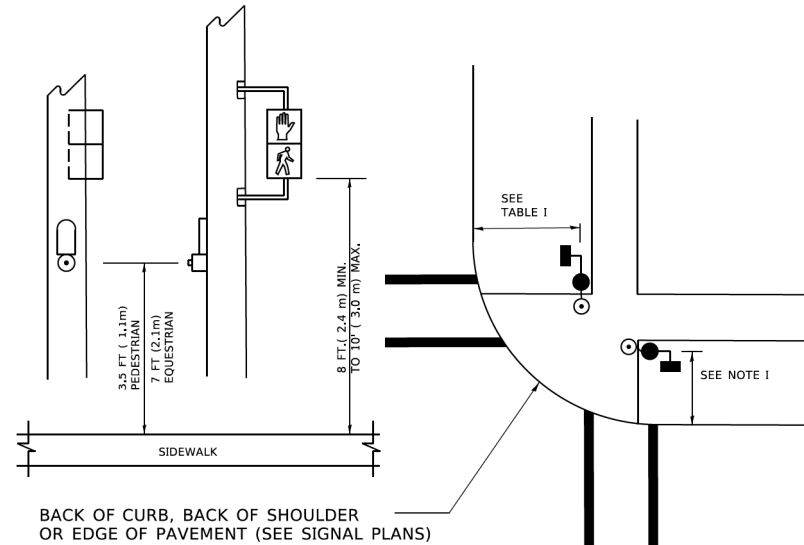


BACK OF CURB, BACK OF SHOULDER OR EDGE OF PAVEMENT (SEE SIGNAL PLANS)

NOTES:

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

PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST

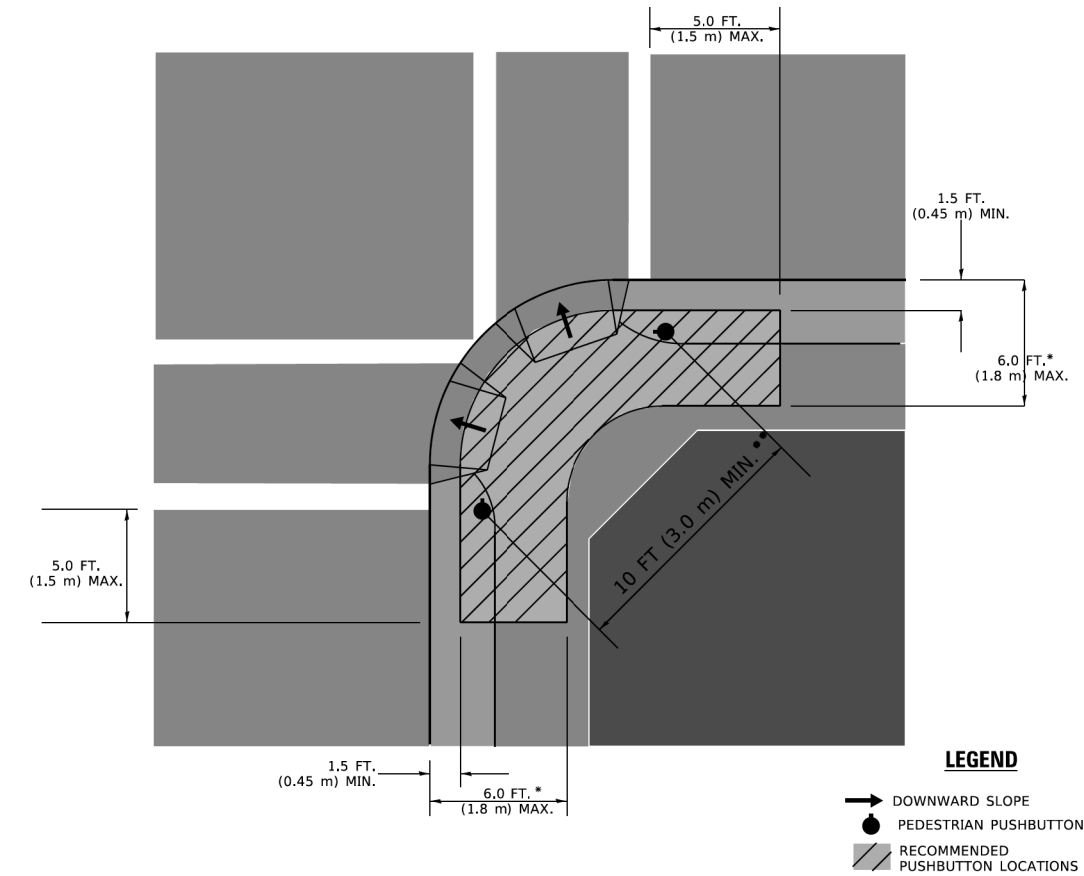


BACK OF CURB, BACK OF SHOULDER OR EDGE OF PAVEMENT (SEE SIGNAL PLANS)

NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

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

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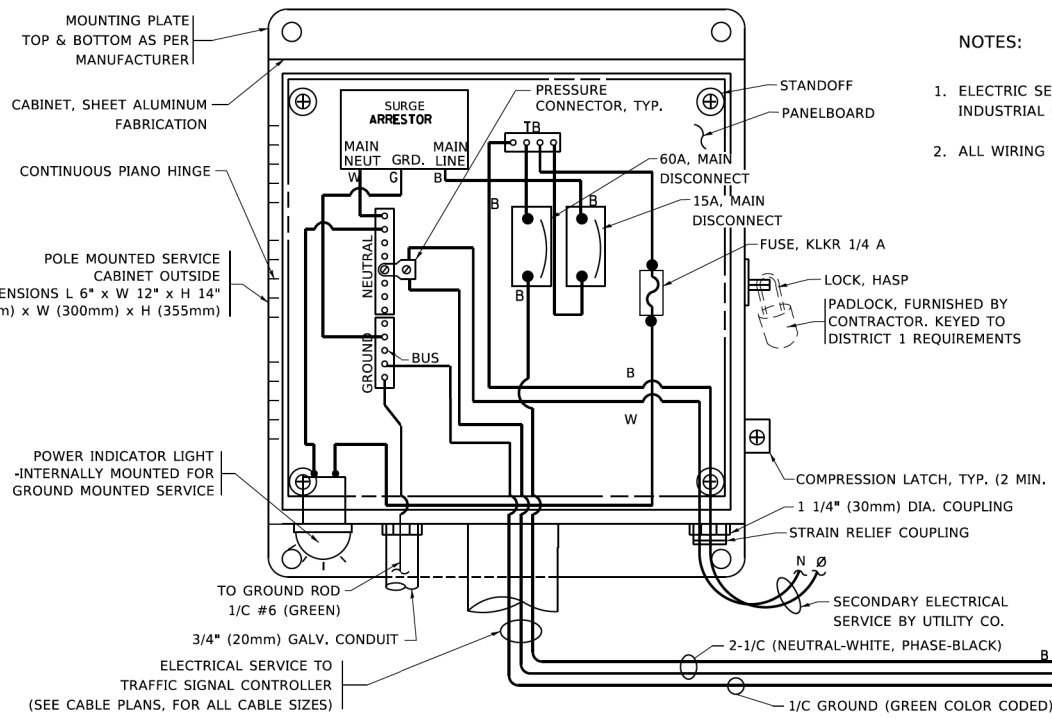
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

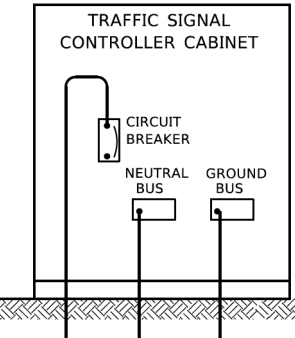
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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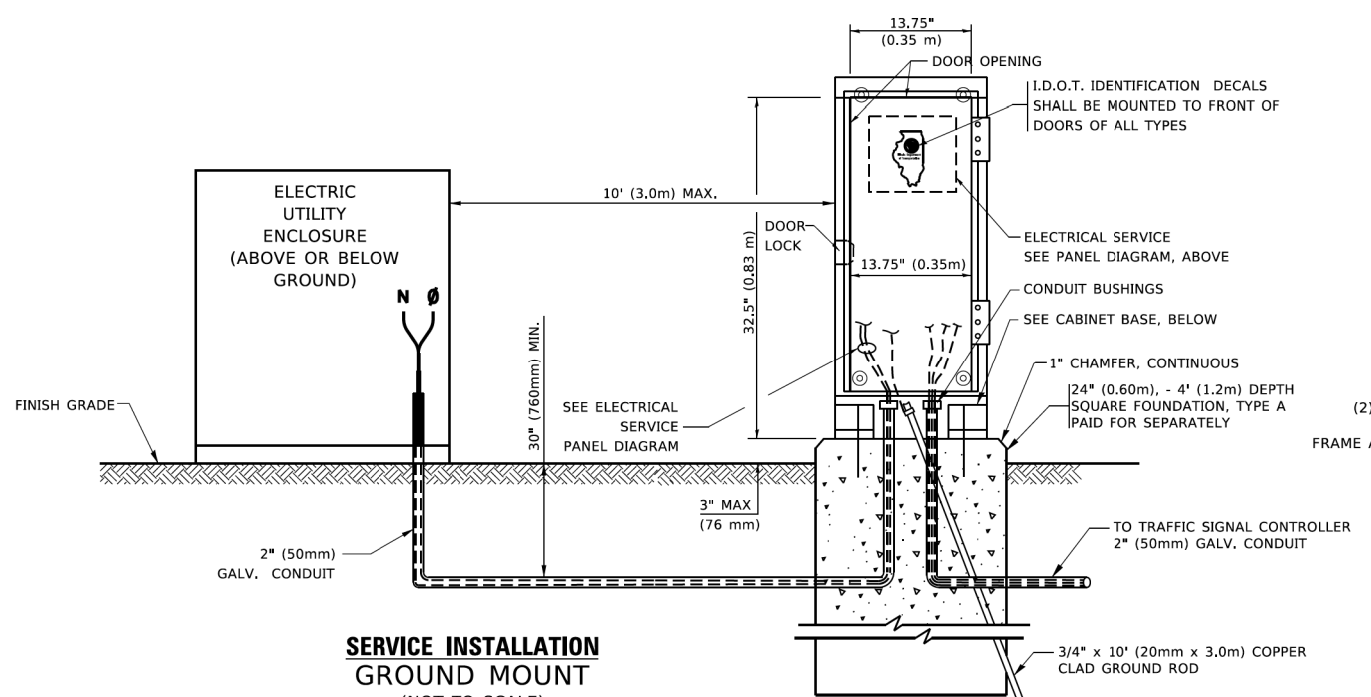
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TS-05		CONTRACT NO. 61J73		
ILLINOIS FED. AID PROJECT				



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

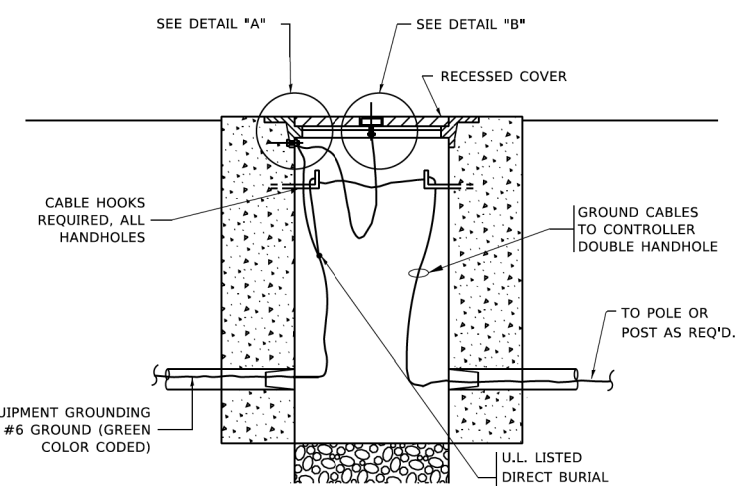
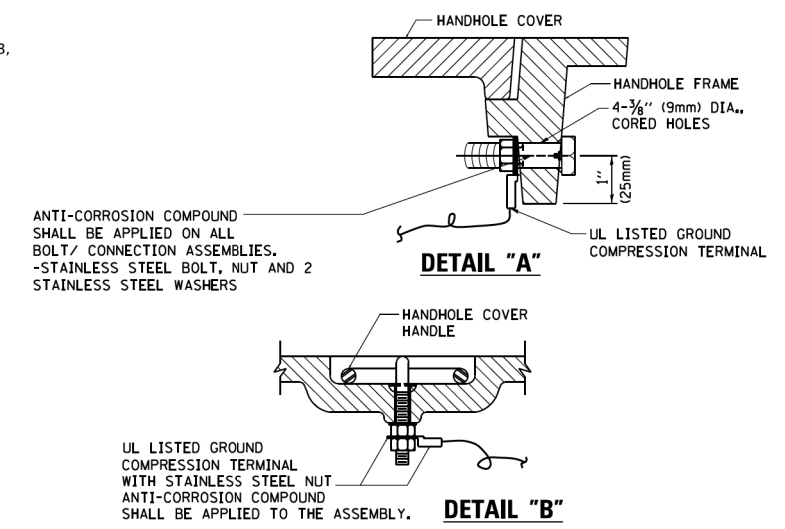
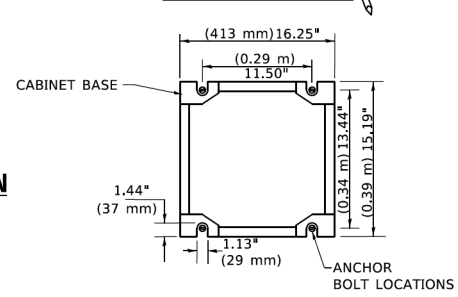


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)

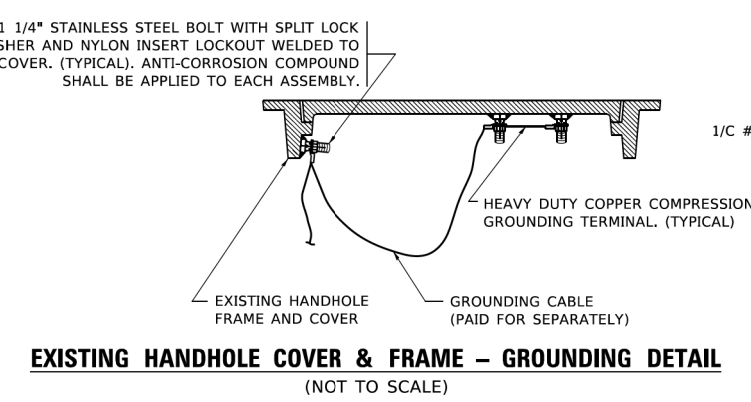


SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

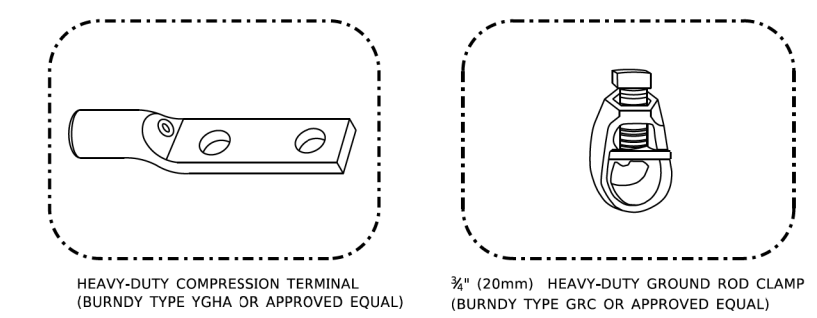
CABINET – BASE BOLT PATTERN
 (NOT TO SCALE)



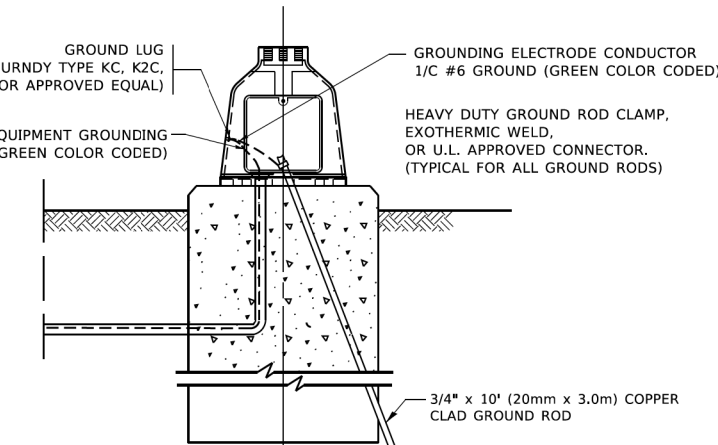
HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)



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



MAST ARM POLE /POST-GROUNDING DETAIL
 (NOT TO SCALE)

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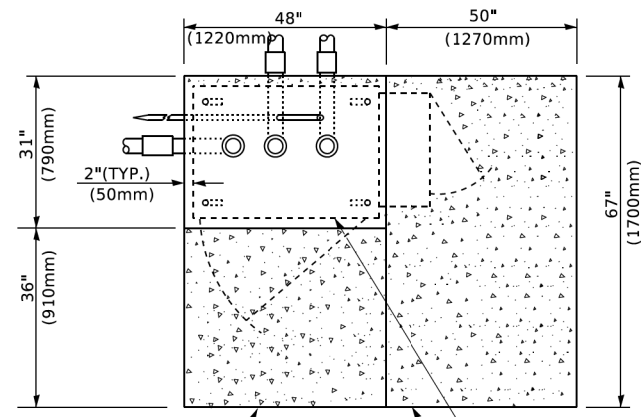
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

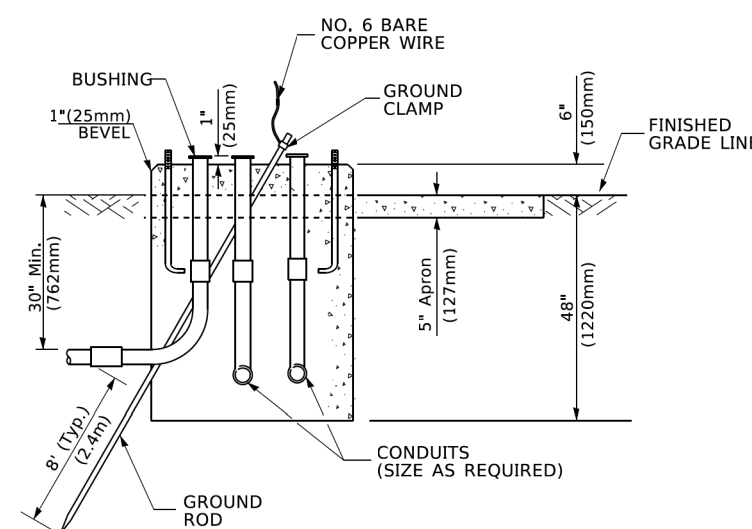
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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TS-05		CONTRACT NO. 61J73		
ILLINOIS FED. AID PROJECT				

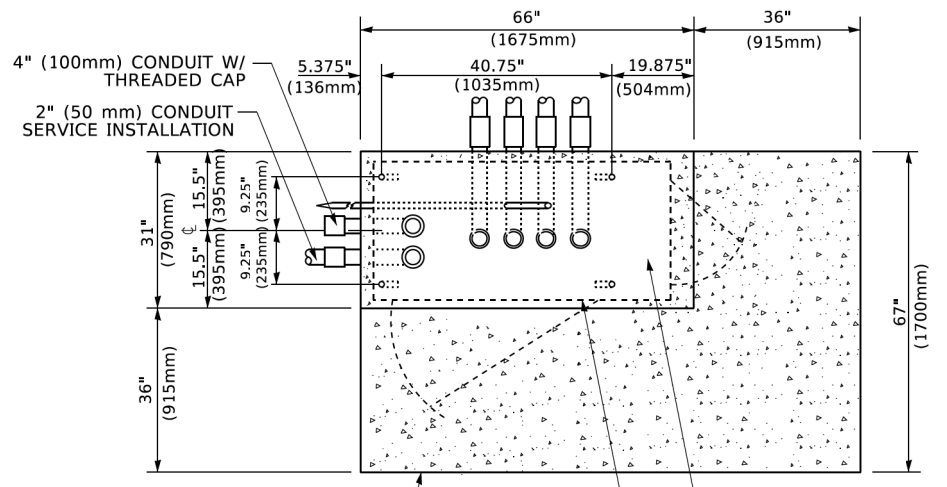
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TOP VIEW

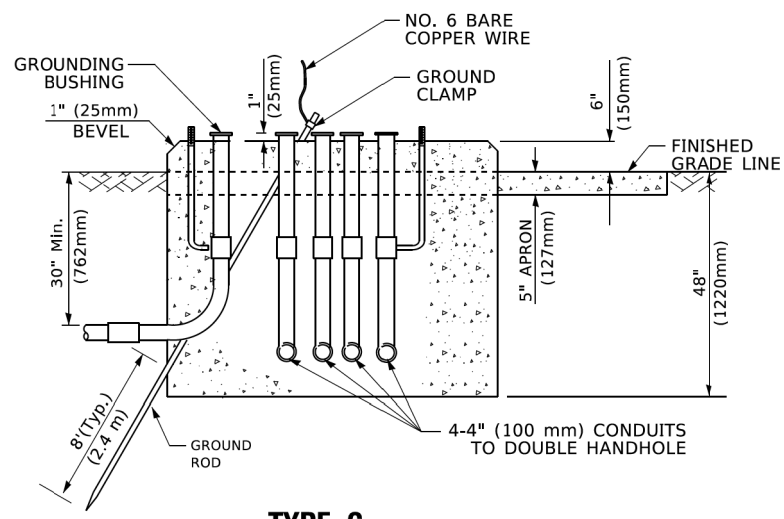


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

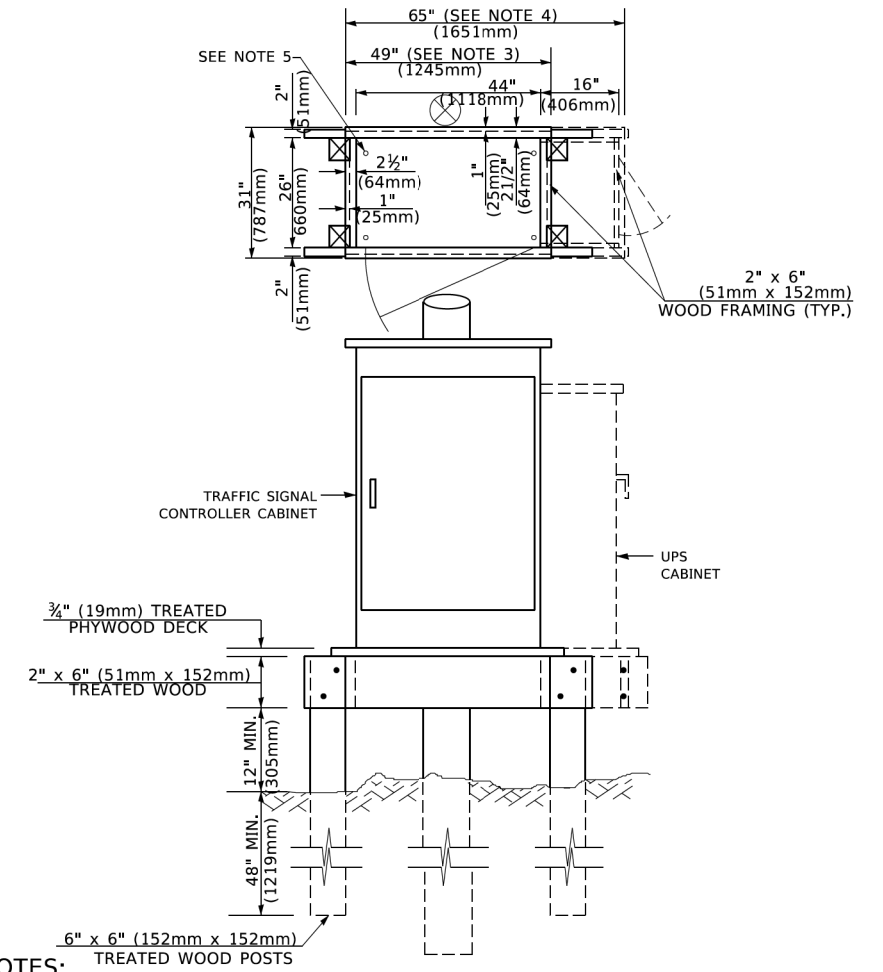


TOP VIEW

NOTE:
TOP OF FOUNDATION SHALL
BE HIGHER THAN TOP OF
DOUBLE HANDHOLE



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



NOTES:

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

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

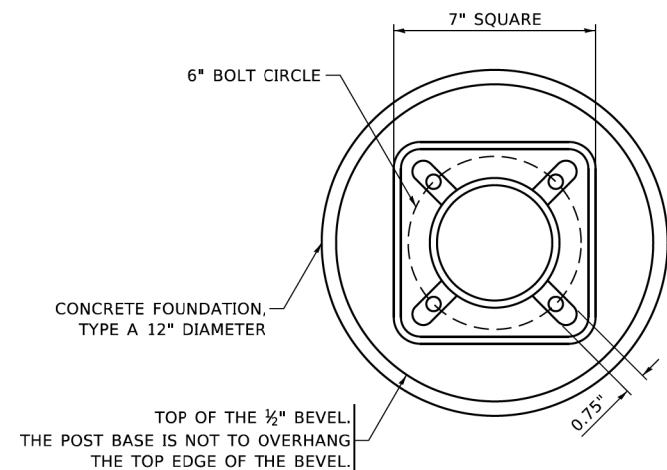
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 5 OF 7 SHEETS STA. TO STA.

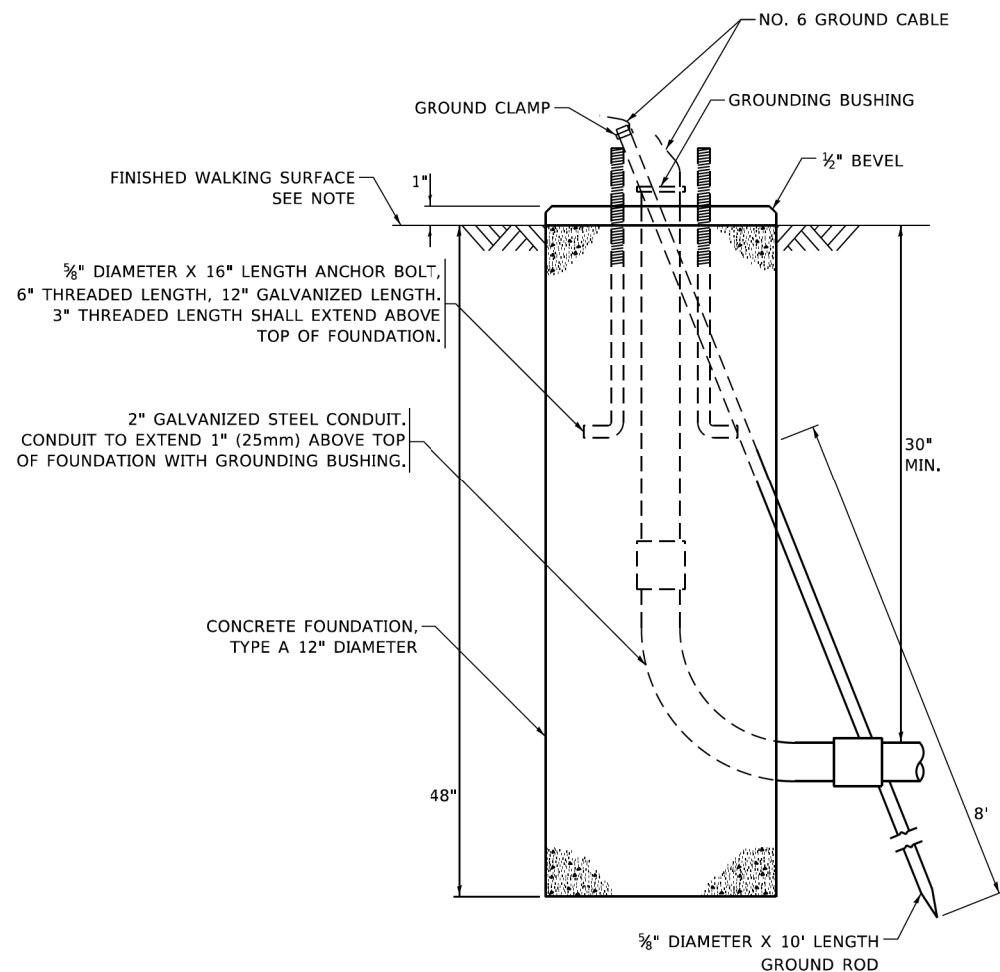
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TS-05		CONTRACT NO. 61J73		
ILLINOIS FED. AID PROJECT				



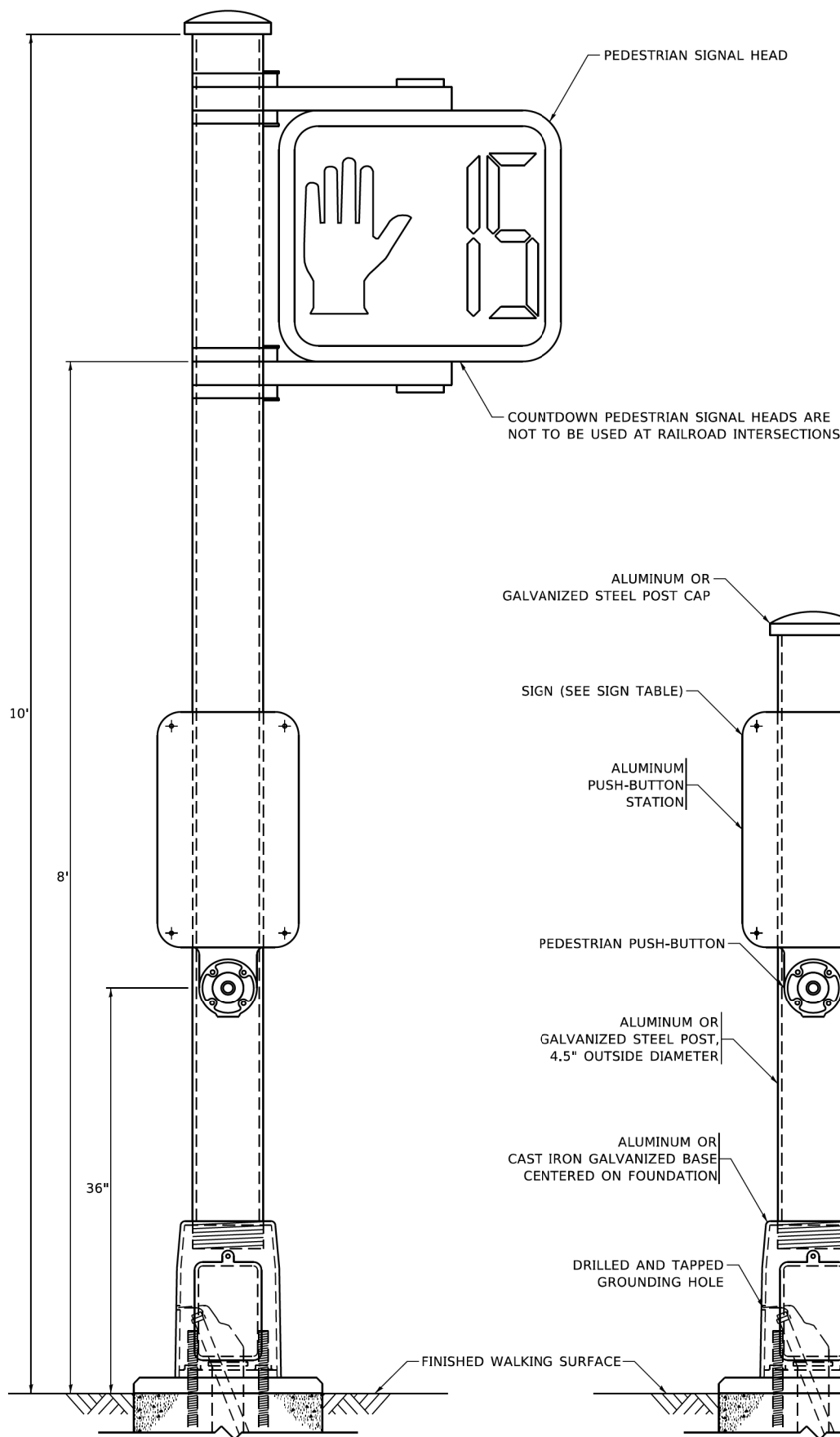
BOLT PATTERN

NOTE:

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

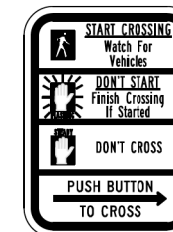


**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**

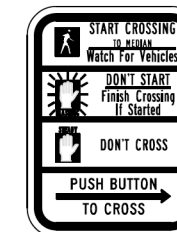


PEDESTRIAN SIGNAL POST, 10 FT.

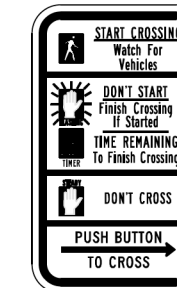
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

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

NOTES:

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

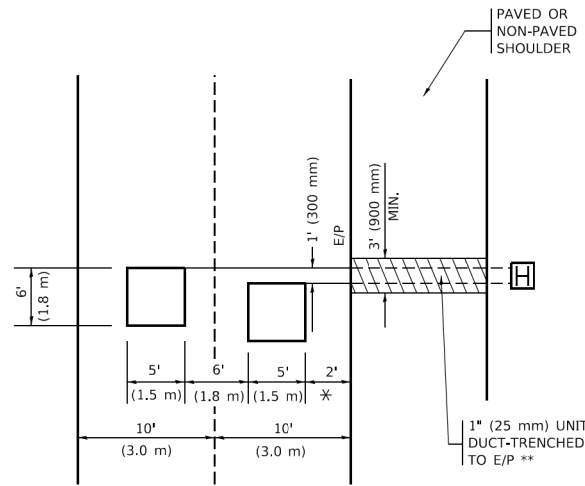
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

M.U.N. RTE. 2633	SECTION 22-00217-00-RS	COUNTY COOK	TOTAL SHEETS 136	SHEET NO. 85
TS-05		CONTRACT NO. 61J73		
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

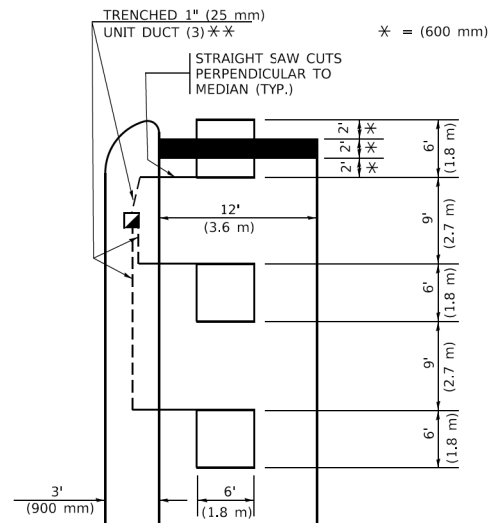


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

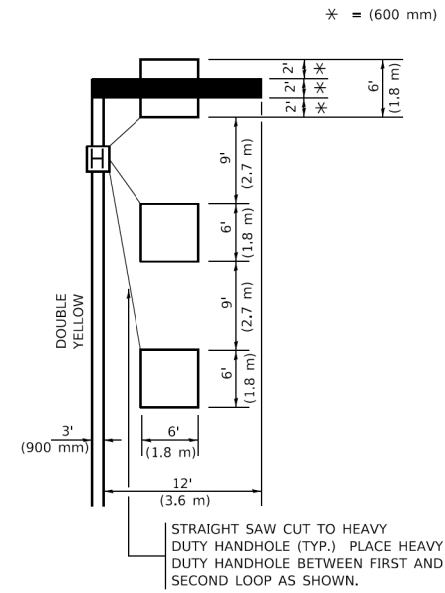


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

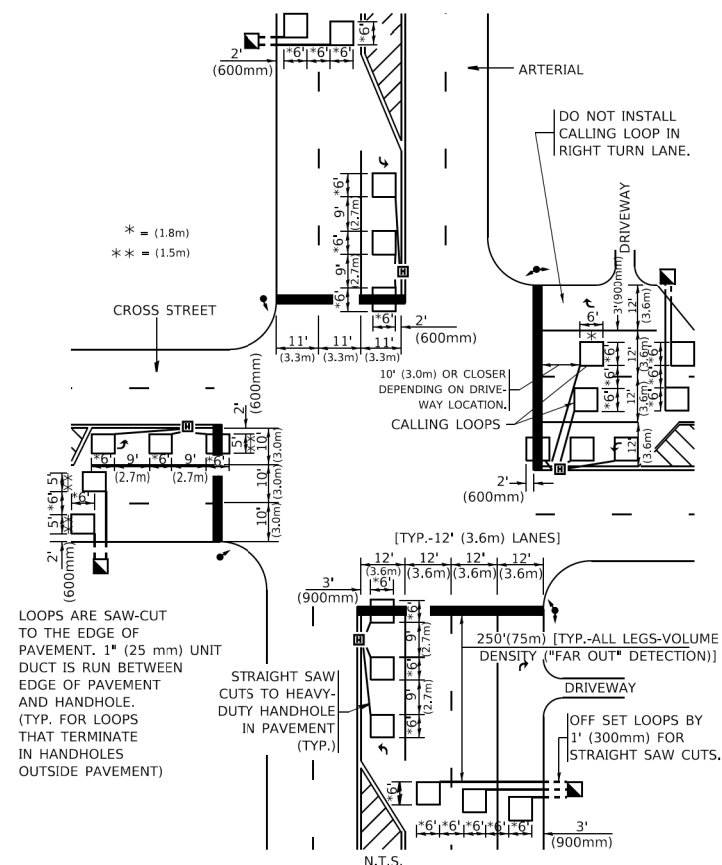
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



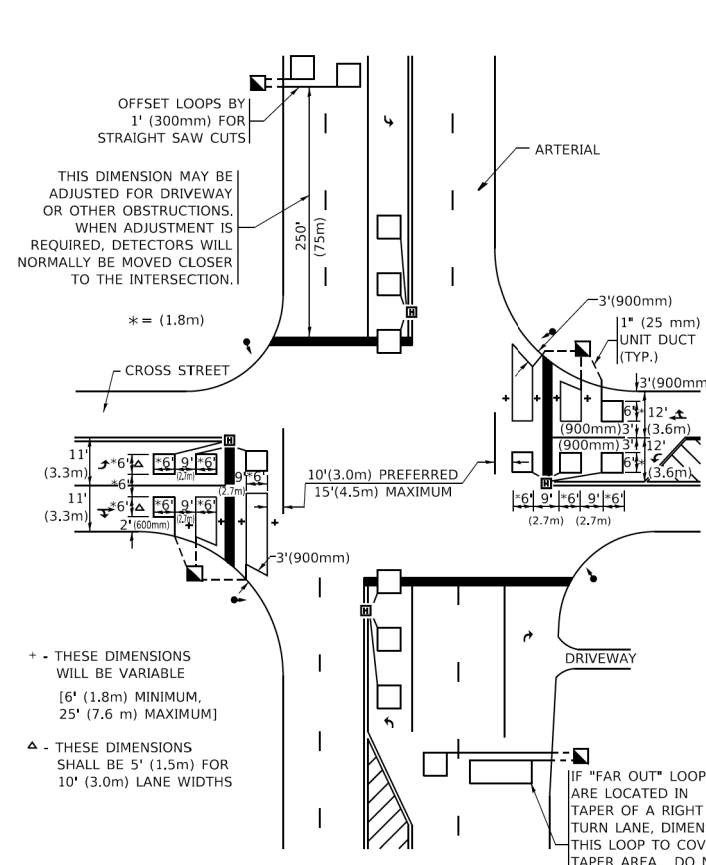
* = (1.8m)
 ** = (1.5m)

LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
 N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



OFFSET LOOPS BY 1' (300mm) FOR STRAIGHT SAW CUTS

THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

Δ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

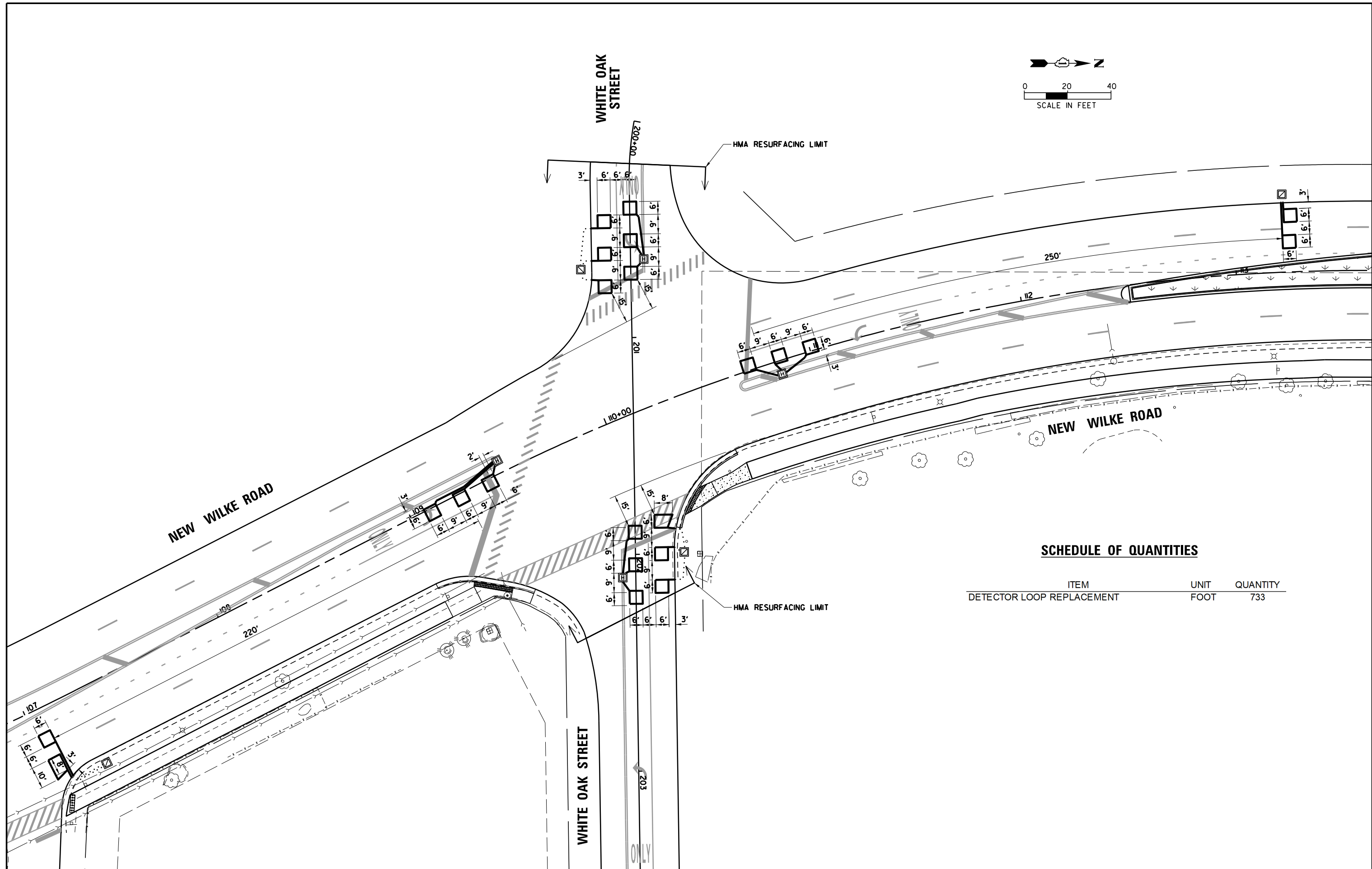
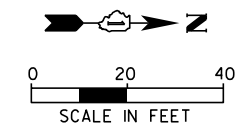
DETAIL 2
 N.T.S.

MODEL: Default
 FILE NAME: p:\u004848E8D1E5E\Illinois.gov\PIWDOT\Documents\DOT Offices\District 1\Projects\Dist1\22-00217-00-RS-01\CADD\Dist1\CAD\Sheets\1607.dgn

USER NAME = footem	DESIGNED -	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION		M.U.N. RTE. 2633	SECTION 22-00217-00-RS	COUNTY COOK	TOTAL SHEETS 136	SHEET NO. 86
DETAILS FOR ROADWAY RESURFACING		TS-07		CONTRACT NO. 61J73		
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			



SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
DETECTOR LOOP REPLACEMENT	FOOT	733

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - PJA	REVISED -
N:\Arlington Heights\220543\Traffic\TS9\WHITE OAK ST.dgn		DRAWN - PJA	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

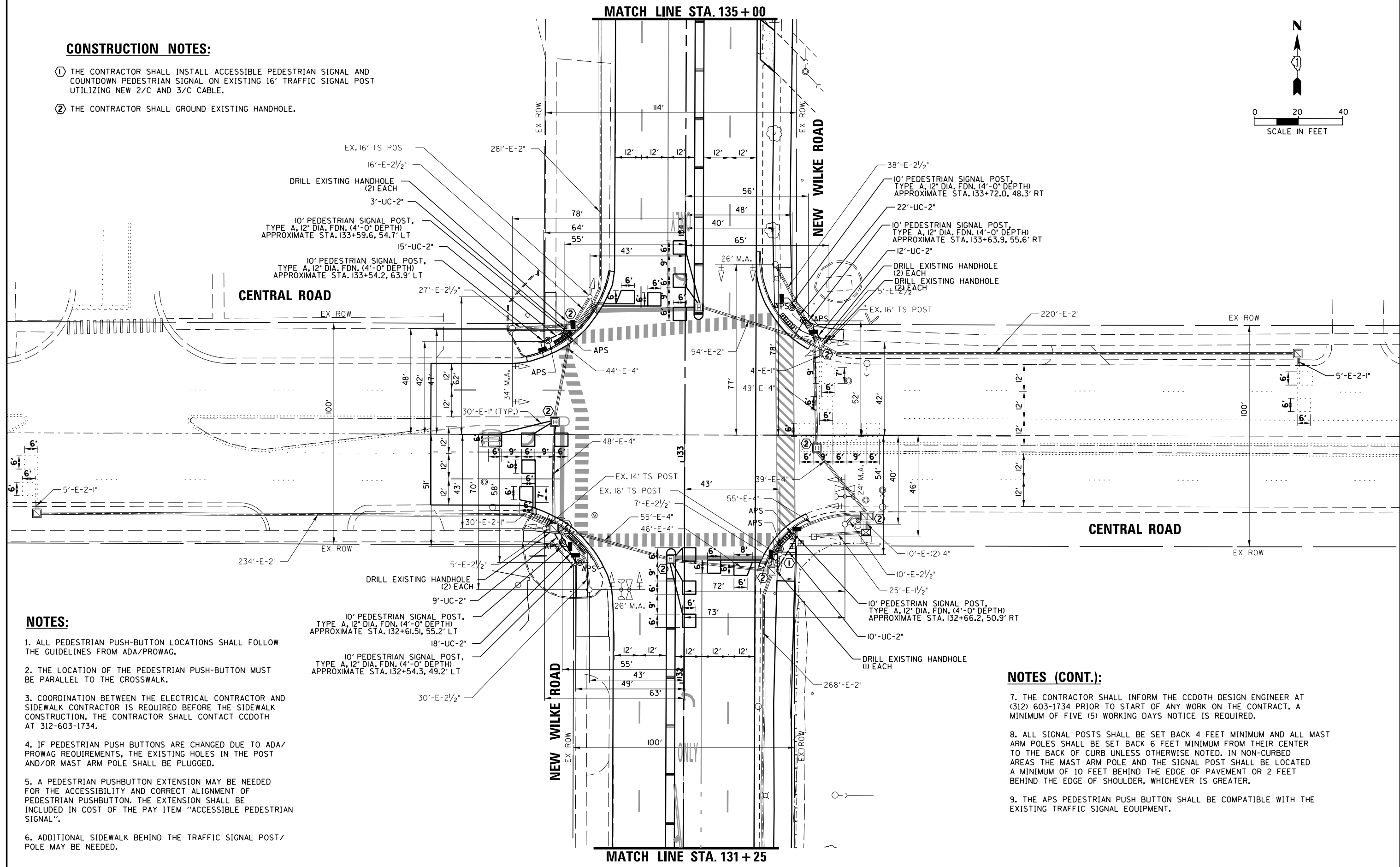
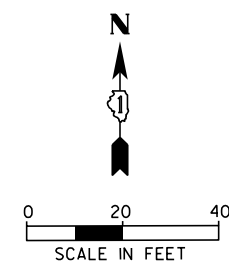
**DETECTOR LOOP REPLACEMENT PLAN
NEW WILKE ROAD AND WHITE OAK STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	87
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL INSTALL ACCESSIBLE PEDESTRIAN SIGNAL AND COUNTDOWN PEDESTRIAN SIGNAL ON EXISTING 16' TRAFFIC SIGNAL POST UTILIZING NEW 2/C AND 3/C CABLE.
- ② THE CONTRACTOR SHALL GROUND EXISTING HANDHOLE.



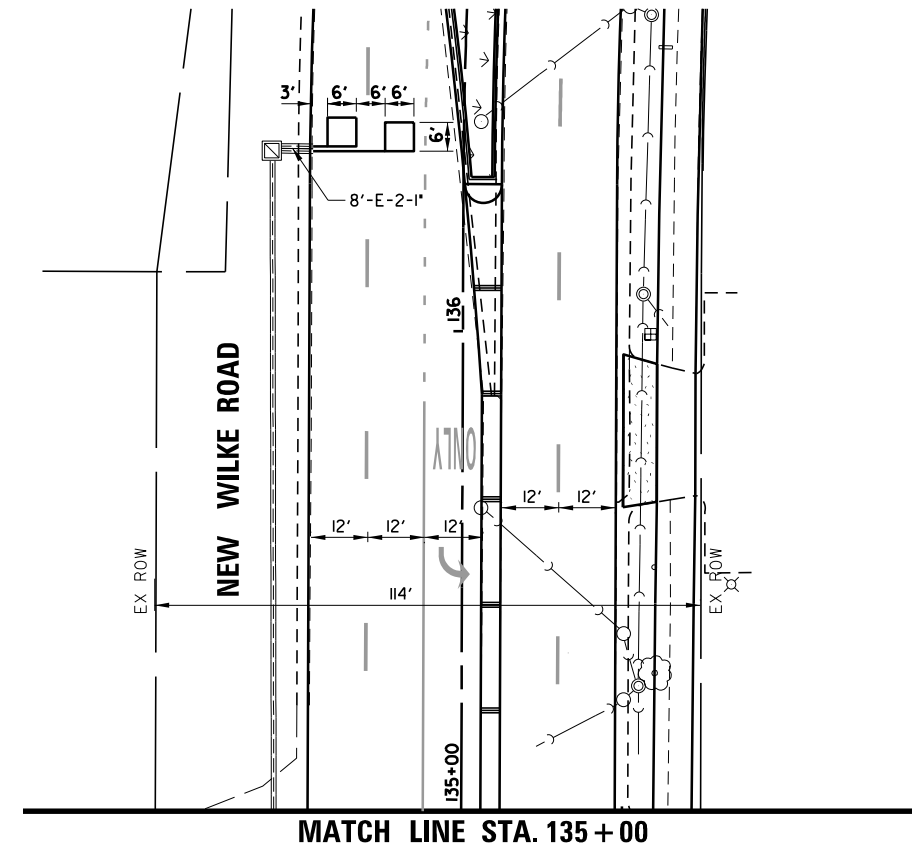
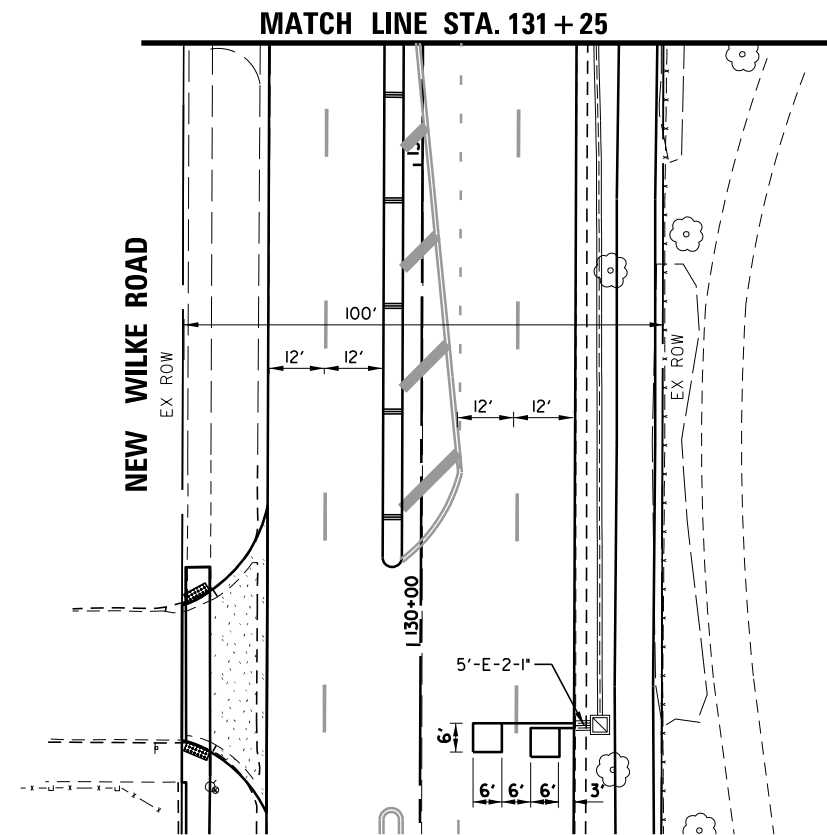
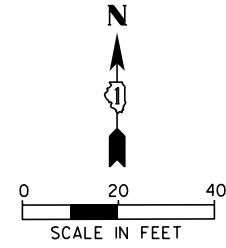
NOTES:

1. ALL PEDESTRIAN PUSH-BUTTON LOCATIONS SHALL FOLLOW THE GUIDELINES FROM ADA/PROWAG.
2. THE LOCATION OF THE PEDESTRIAN PUSH-BUTTON MUST BE PARALLEL TO THE CROSSWALK.
3. COORDINATION BETWEEN THE ELECTRICAL CONTRACTOR AND SIDEWALK CONTRACTOR IS REQUIRED BEFORE THE SIDEWALK CONSTRUCTION. THE CONTRACTOR SHALL CONTACT CCDOTH AT 312-603-1734.
4. IF PEDESTRIAN PUSH BUTTONS ARE CHANGED DUE TO ADA/PROWAG REQUIREMENTS, THE EXISTING HOLES IN THE POST AND/OR MAST ARM POLE SHALL BE PLUGGED.
5. A PEDESTRIAN PUSHBUTTON EXTENSION MAY BE NEEDED FOR THE ACCESSIBILITY AND CORRECT ALIGNMENT OF PEDESTRIAN PUSHBUTTON. THE EXTENSION SHALL BE INCLUDED IN COST OF THE PAY ITEM "ACCESSIBLE PEDESTRIAN SIGNAL".
6. ADDITIONAL SIDEWALK BEHIND THE TRAFFIC SIGNAL POST/POLE MAY BE NEEDED.

NOTES (CONT.):

7. THE CONTRACTOR SHALL INFORM THE CCDOTH DESIGN ENGINEER AT (312) 603-1734 PRIOR TO START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS NOTICE IS REQUIRED.
8. ALL SIGNAL POSTS SHALL BE SET BACK 4 FEET MINIMUM AND ALL MAST ARM POLES SHALL BE SET BACK 6 FEET MINIMUM FROM THEIR CENTER TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS THE MAST ARM POLE AND THE SIGNAL POST SHALL BE LOCATED A MINIMUM OF 10 FEET BEHIND THE EDGE OF PAVEMENT OR 2 FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER IS GREATER.
9. THE APS PEDESTRIAN PUSH BUTTON SHALL BE COMPATIBLE WITH THE EXISTING TRAFFIC SIGNAL EQUIPMENT.

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - PJA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2) CENTRAL ROAD AND NEW WILKE ROAD	MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\Arlington Heights\220543\Traffic\TS10	CENTRAL-NEW WILKE.MDI.dgn	DRAWN - PJA	REVISED -			2134	22-00217-00-RS	COOK	136	88	
	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -			CONTRACT NO. 61J73					
Default	PLOT DATE = 10/2/2023	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - PJA	REVISED -
N:\Arlington Heights\220543\Traffic\T511	CENTRAL-NEW_WILKE_MOD2.dgn	DRAWN - PJA	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

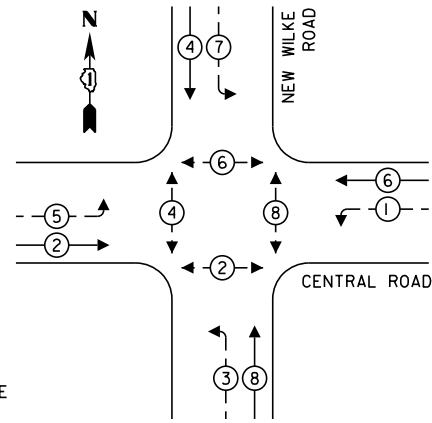
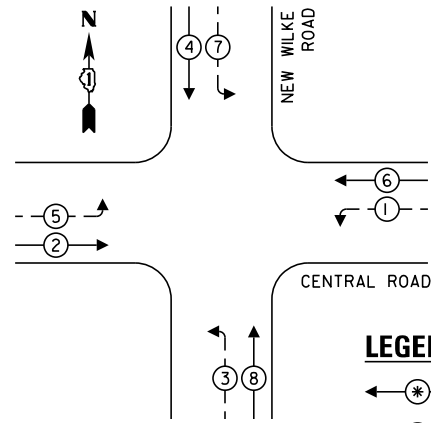
**TRAFFIC SIGNAL MODIFICATION PLAN
(SHEET 2 OF 2)
CENTRAL ROAD AND NEW WILKE ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	89
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE

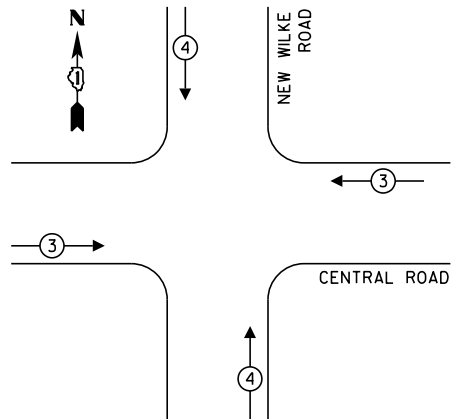
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - → PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL → OVERLAP

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

LEGEND:

- ⊙ X SHIELDED CABLE

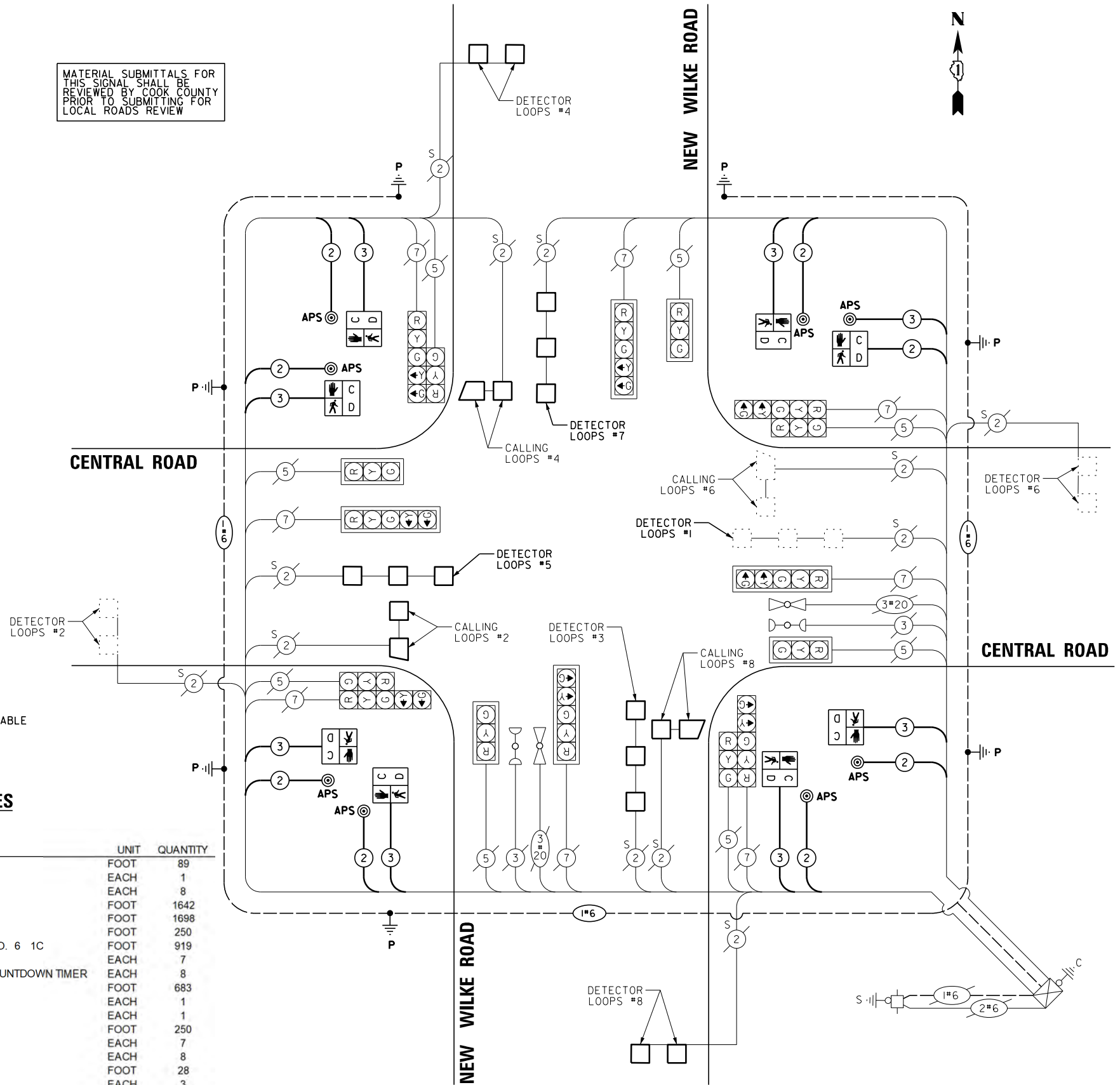
SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	89
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	8
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1642
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1698
*ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	250
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	919
DRILL EXISTING HANDHOLE	EACH	7
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
DETECTOR LOOP, TYPE I	FOOT	683
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
*REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	250
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	7
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	28
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	3
PERMANENT TRAFFIC SIGNAL TIMING	EACH	1

*TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER.

MATERIAL SUBMITTALS FOR THIS SIGNAL SHALL BE REVIEWED BY COOK COUNTY PRIOR TO SUBMITTING FOR LOCAL ROADS REVIEW

CENTRAL ROAD



CABLE PLAN
(NOT TO SCALE)

LOCATION: CENTRAL AVENUE AND NEW WILKE ROAD COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO.	LAMPS	WATTAGE	% OPERATION	TOTAL WATTAGE
CONTROLLER	1		100	1.00	100.00
VEHICLE DET.	12	5		1.00	60.00
PED. SIGNAL	8		25	1.00	200.00
12" SIGNAL (RED)	16		17	0.50	136.00
(YELLOW)	16		25	0.05	20.00
(GREEN)	16		15	0.45	108.00
(ARROW)	16		12	0.10	19.20
TOTAL =					643.20

ENERGY COST TO: COOK COUNTY BUREAU OF ADMINISTRATION
118 N. CLARK STREET, ROOM 801
CHICAGO, IL 60602
TOWER ACCOUNT NO. 2606085181
SUPPLEMENT NO.

ENERGY COST SHARE: COOK COUNTY: 100%

ENERGY SUPPLY CONTACT: ComEd
PHONE: (866)639-3532
COMPANY: ComEd

EFFECTIVE DATE: TO BE DETERMINED

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - PJA	REVISED -
N:\Arlington Heights\220543\Traffic\T512	CENTRAL-NEW WILKE_CAB.dgn	DRAWN - PJA	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/2/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
CENTRAL ROAD AND NEW WILKE ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-R5	COOK	136	90
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

COUNTY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
AB2	1995		

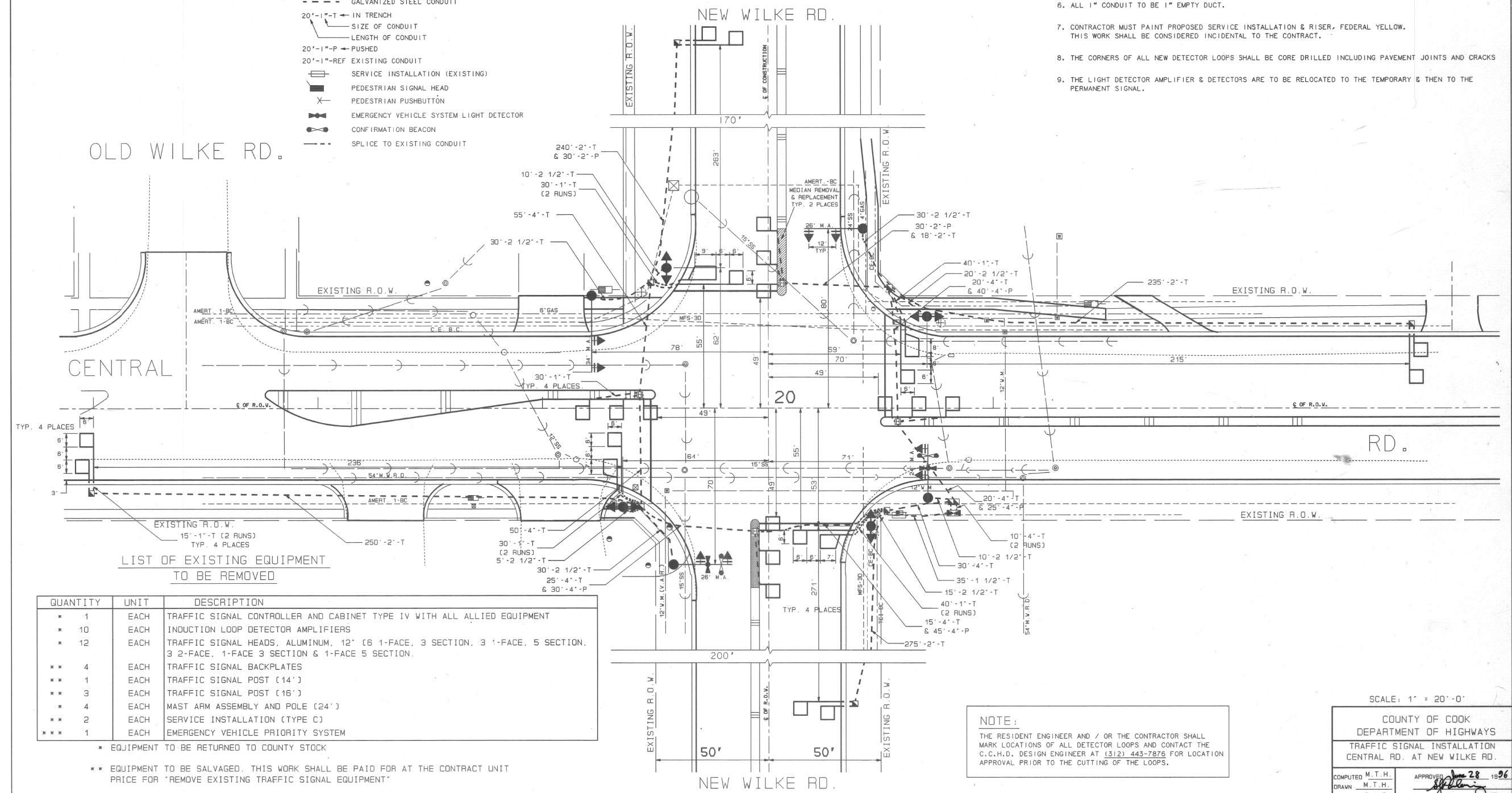
NOTES

1. VEHICLE LOOP DETECTOR SHALL BE COMPATIBLE WITH THE CONTROL EQUIPMENT.
2. CONTRACTOR TO VERIFY CONDITIONS IN THE FIELD WITH THE ENGINEER AS TO LOCATIONS OF UTILITIES BEFORE THE INSTALLATION OF FOUNDATIONS OR HANDHOLES ARE MADE WITHIN THE INTERSECTION.
3. ALL SIGNAL POSTS SHALL BE SET BACK FOUR(4) FEET MINIMUM AND ALL MAST ARM POLES SHALL BE SET BACK SIX(6) FEET MINIMUM FROM THEIR CENTERLINE TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN(10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO(2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN NON-CURBED AREAS THE SIGNAL POST SHOULD BE PLACED AT A MINIMUM OF TWO(2) FEET BEHIND THE EDGE OF SHOULDER.
4. ALL ELECTRIC CABLE TO HAVE POLYVINYL CHLORIDE JACKET.
5. ALL MASTARM MOUNTED SIGNAL HEADS ARE TO BE ATTACHED 2'-0" FROM END OF MAST ARM UNLESS OTHERWISE NOTED.
6. ALL 1" CONDUIT TO BE 1" EMPTY DUCT.
7. CONTRACTOR MUST PAINT PROPOSED SERVICE INSTALLATION & RISER, FEDERAL YELLOW. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
8. THE CORNERS OF ALL NEW DETECTOR LOOPS SHALL BE CORE DRILLED INCLUDING PAVEMENT JOINTS AND CRACKS
9. THE LIGHT DETECTOR AMPLIFIER & DETECTORS ARE TO BE RELOCATED TO THE TEMPORARY & THEN TO THE PERMANENT SIGNAL.

LEGEND

- TEMPORARY POLE
- SIGNAL HEAD AND POST (EXISTING, RELOCATED)
- SIGNAL HEAD AND POST (PROPOSED)
- SIGNAL HEAD (PROPOSED)
- SIGNAL HEAD WITH TRAFFIC SIGNAL BACKPLATE (PROPOSED)
- MAST ARM ASSEMBLY AND POLE
- CONTROL CABINET (PROPOSED, ON EXISTING FOUNDATION)
- LOOP DETECTOR (EXISTING)
- LOOP DETECTOR (PROPOSED)
- DOUBLE HANDHOLE (PROPOSED)
- HANDHOLE (EXISTING)
- HANDHOLE (PROPOSED)
- HEAVY DUTY HANDHOLE
- EXISTING CONDUIT
- GALVANIZED STEEL CONDUIT
- 20'-1"-T IN TRENCH
- 20'-1"-P PUSHED
- 20'-1"-REF EXISTING CONDUIT
- SERVICE INSTALLATION (EXISTING)
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSHBUTTON
- EMERGENCY VEHICLE SYSTEM LIGHT DETECTOR
- CONFIRMATION BEACON
- SPLICE TO EXISTING CONDUIT

FOR INFORMATION ONLY



LIST OF EXISTING EQUIPMENT TO BE REMOVED

QUANTITY	UNIT	DESCRIPTION
1	EACH	TRAFFIC SIGNAL CONTROLLER AND CABINET TYPE IV WITH ALL ALLIED EQUIPMENT
10	EACH	INDUCTION LOOP DETECTOR AMPLIFIERS
12	EACH	TRAFFIC SIGNAL HEADS, ALUMINUM, 12" (6 1-FACE, 3 SECTION, 3 1-FACE, 5 SECTION, 3 2-FACE, 1-FACE 3 SECTION & 1-FACE 5 SECTION.
4	EACH	TRAFFIC SIGNAL BACKPLATES
1	EACH	TRAFFIC SIGNAL POST (14')
3	EACH	TRAFFIC SIGNAL POST (16')
4	EACH	MAST ARM ASSEMBLY AND POLE (24')
2	EACH	SERVICE INSTALLATION (TYPE C)
1	EACH	EMERGENCY VEHICLE PRIORITY SYSTEM

- * EQUIPMENT TO BE RETURNED TO COUNTY STOCK
- ** EQUIPMENT TO BE SALVAGED. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT"
- *** EQUIPMENT TO BE REUSED

NOTE:
THE RESIDENT ENGINEER AND / OR THE CONTRACTOR SHALL MARK LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE C.C.H.D. DESIGN ENGINEER AT (312) 443-7876 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS.

SCALE: 1" = 20'-0"

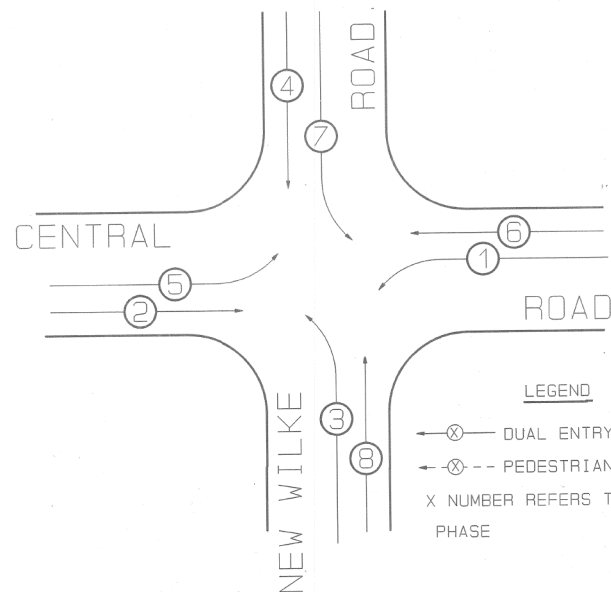
COUNTY OF COOK
DEPARTMENT OF HIGHWAYS
TRAFFIC SIGNAL INSTALLATION
CENTRAL RD. AT NEW WILKE RD.

COMPUTED M.T.H.
DRAWN M.T.H.
CHECKED R.J./G.H.

APPROVED *[Signature]* 12/28/96
CHIEF ENGINEER OF DESIGN

CONTROLLER SEQUENCE

REFERRING TO STANDARD 2393, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW



LEGEND

- ⊗ DUAL ENTRY PHASE
- ⊗ PEDESTRIAN MOVEMENT
- X NUMBER REFERS TO ASSOCIATED PHASE

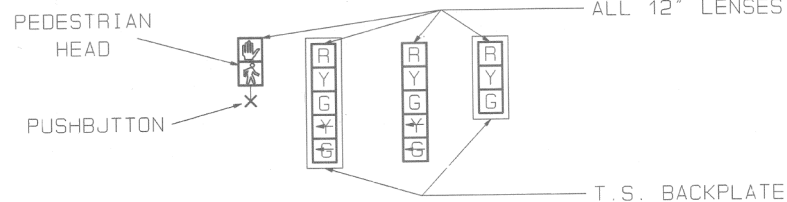
PHASE DESIGNATION DIAGRAM

DUAL ENTRY - ALL LEGS
PROTECTED / PERMITTED LEFT TURN PHASING

CABLE PLAN LEGEND

- 12" TRAFFIC SIGNAL SECTION
- CONTROLLER CABINET
- VEHICLE DETECTOR, INDUCTION LOOP
- DENOTES NUMBER OF CONDUCTORS (NEW) ALL LOOP DETECTOR CABLE TO BE TWISTED & SHIELDED, ALL CABLE NO 14 EXCEPT AS INDICATED
- SIGNAL FACE WITH BACKPLATE 'P' INDICATES PROGRAMMED
- GROUNDING SYSTEM CONNECTION
- SHIELDED & TWISTED
- SERVICE INSTALLATION (EXISTING)
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSHBUTTON
- EMERGENCY VEHICLE SYSTEM LIGHT DETECTOR
- OPTICON CABLE #20
- CONFIRMATION BEACON
- EXISTING INDUCTION LOOP

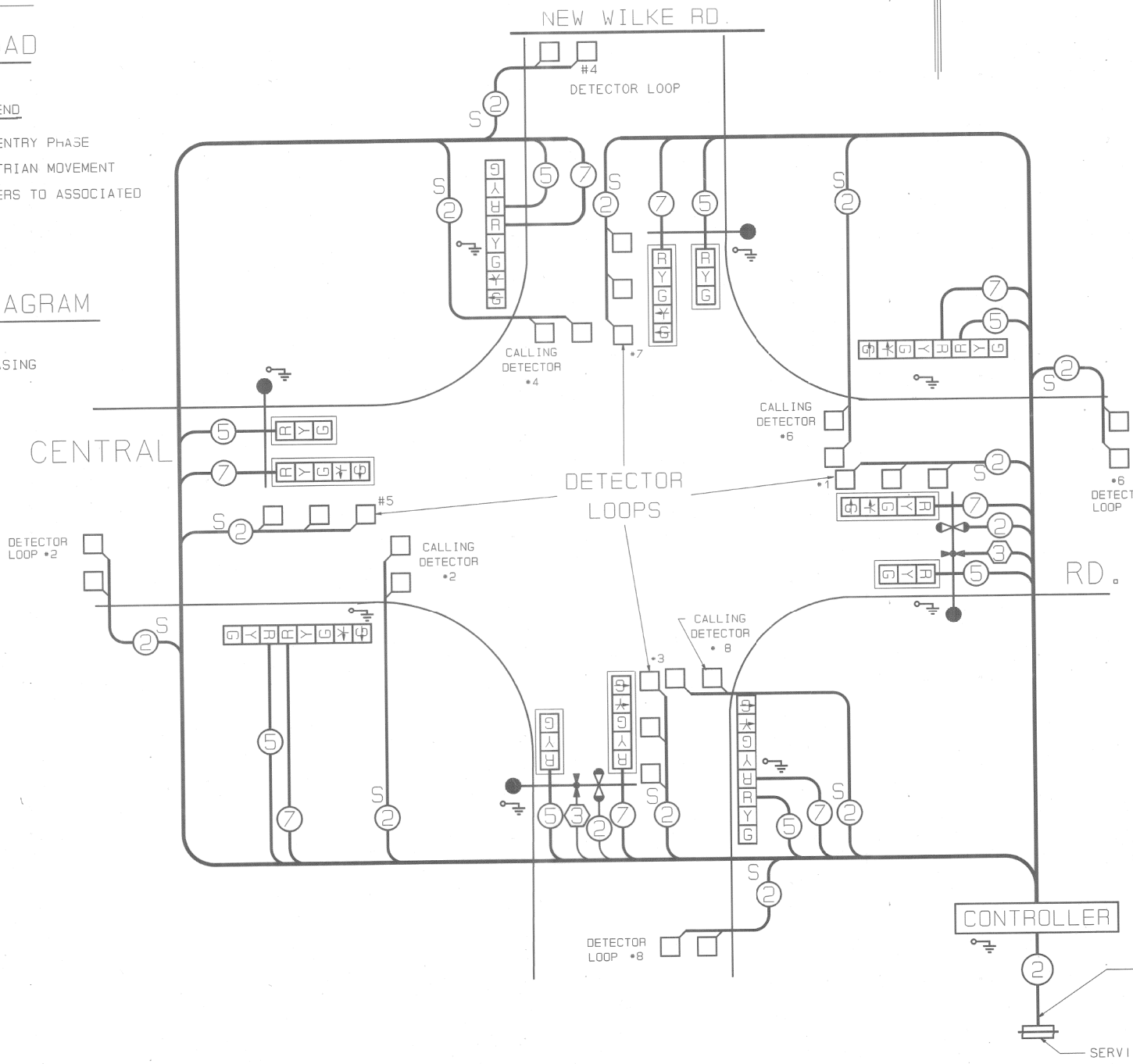
SIGNAL FACES



SIGNAL LENSES

- R RED
- Y YELLOW
- G GREEN
- * YELLOW TURN INDICATOR
- ⊕ GREEN TURN INDICATOR

FOR INFORMATION ONLY



- #### EMERGENCY VEHICLE PREEMPTION SEQUENCE NOTES FOR DUAL ENTRY OPERATION - ALL LEGS
- ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 2393.
 - CONTINUATION OR TERMINATION OF ALL RIGHT TURN OVERLAPS SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S CONTINUATION OR TERMINATION OF RIGHT TURN OVERLAPS AS DESCRIBED IN THE CLEARANCE NOTES FOR RIGHT TURN OVERLAPS.
 - TERMINATION OF ALL PEDESTRIAN PHASES SHALL INCLUDE A FULL FLASHING "DON'T WALK" INTERVAL.
 - IF ALL RED CLEARANCE IS USED IN THE NORMAL SEQUENCE OF OPERATION, IT MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.

EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED PRIORITY LANES		
PRIORITY LANE INTERVAL	1	2
MOVEMENT	←	↑

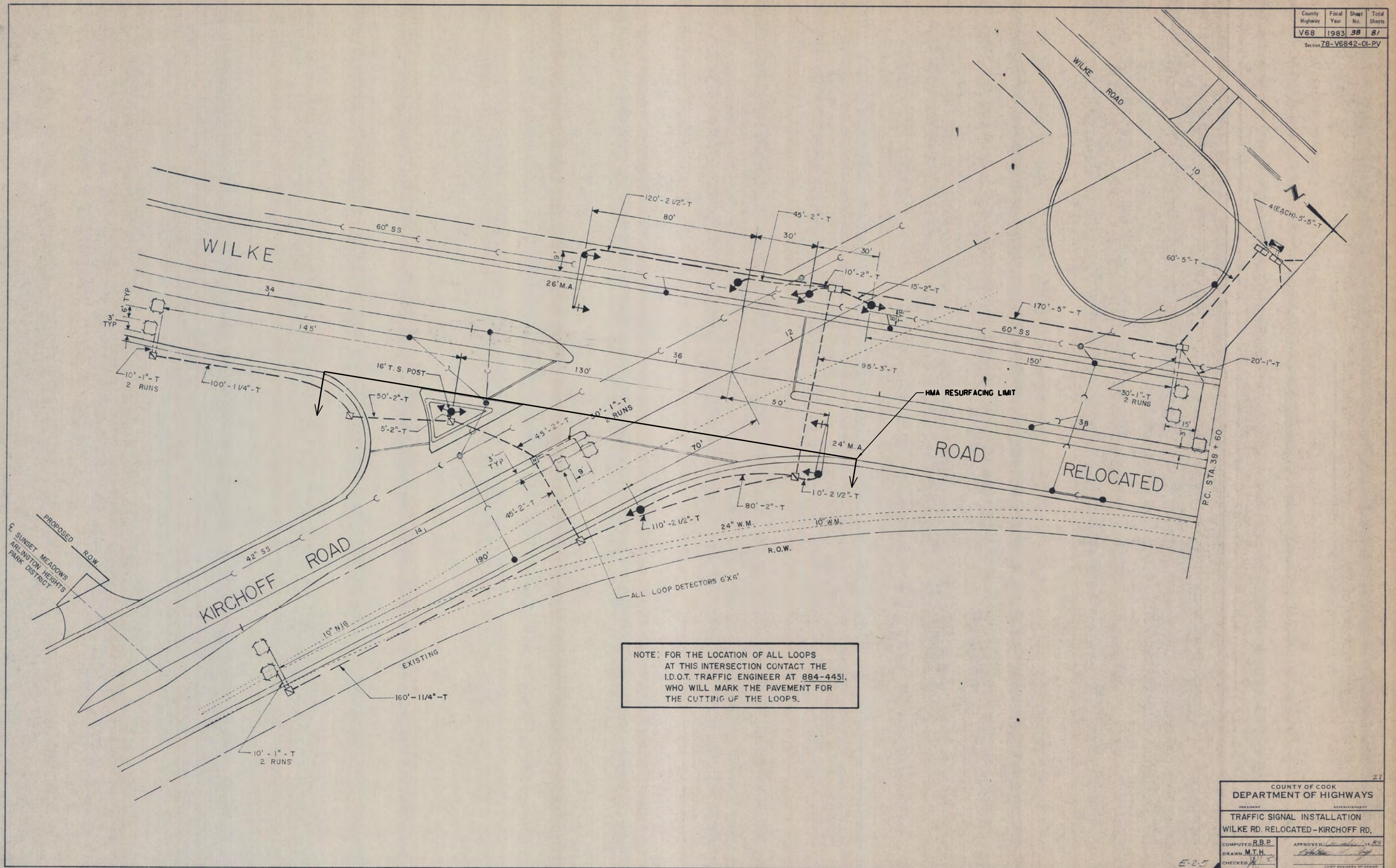
CABLE PLAN
N.T.S.

COUNTY OF COOK
DEPARTMENT OF HIGHWAYS

TRAFFIC SIGNAL INSTALLATION
CENTRAL RD. AT NEW WILKE RD.

COMPUTED M.T.H. APPROVED *[Signature]* 15 96
DRAWN M.T.H.
CHECKED *[Signature]* CHIEF ENGINEER OF DESIGN

County Highway	Fiscal Year	Sheet No.	Total Sheets
V68	1983	38	81
Section 78-V6842-01-PV			



21

COUNTY OF COOK
DEPARTMENT OF HIGHWAYS

TRAFFIC SIGNAL INSTALLATION
WILKE RD. RELOCATED - KIRCHOFF RD.

COMPUTED: R.B.P.
DRAWN: M.T.H.
CHECKED: [Signature]

APPROVED: [Signature]
CHIEF ENGINEER OF DESIGN

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
N:\Arlington Heights\220543\Civil\SIG 2.20543.sht		DRAWN - PM	REVISED -
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

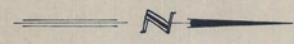
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD AND KIRCHOFF ROAD
DETECTOR LOOP REPLACEMENT PLAN

SCALE: 43' SHEET OF SHEETS STA. TO STA.

M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	93
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

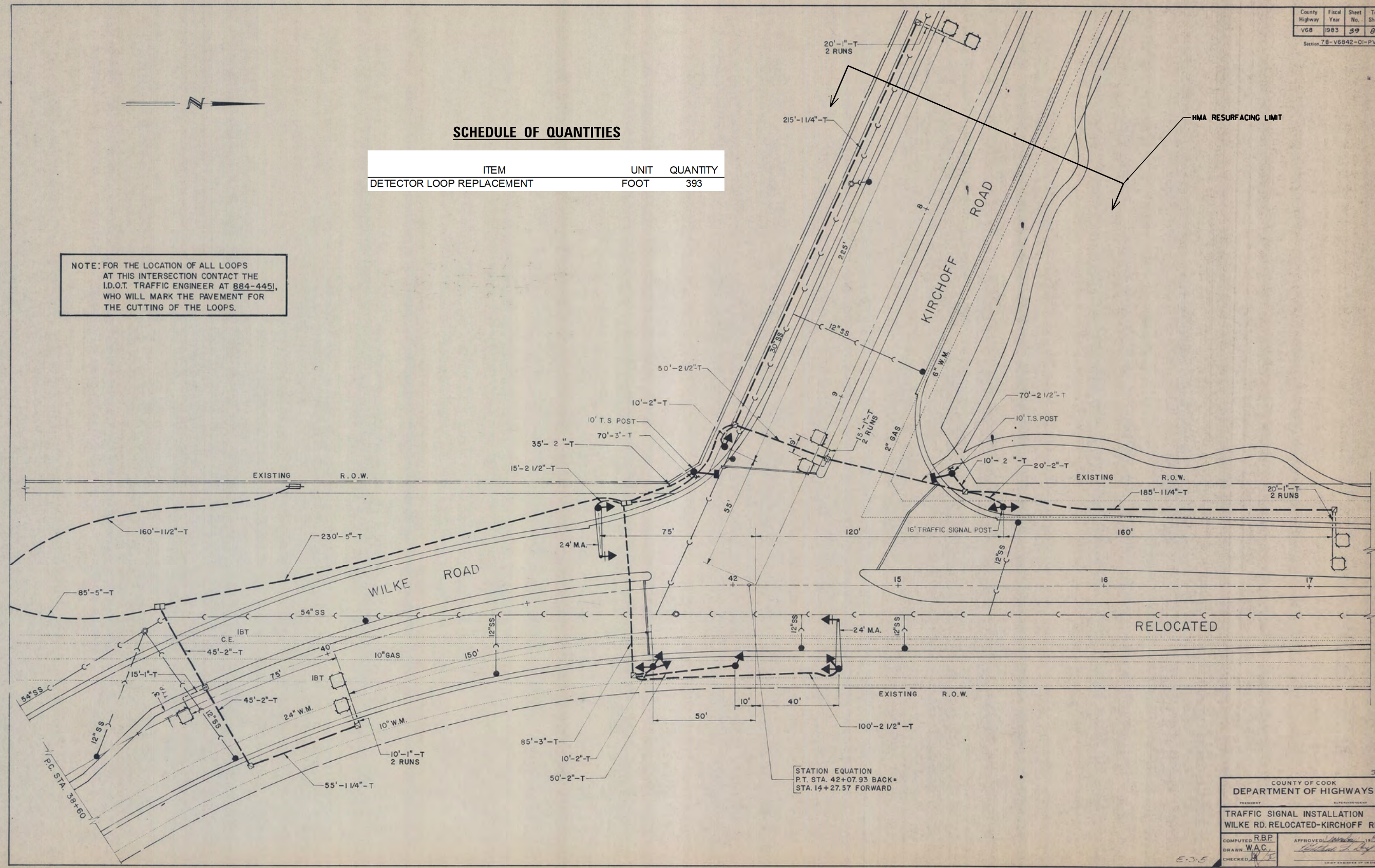
County Highway	Fiscal Year	Sheet No.	Total Sheets
V68	1983	39	81
Section 7B-V6842-01-PV			



SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
DETECTOR LOOP REPLACEMENT	FOOT	393

NOTE: FOR THE LOCATION OF ALL LOOPS AT THIS INTERSECTION CONTACT THE I.D.O.T. TRAFFIC ENGINEER AT 884-4451, WHO WILL MARK THE PAVEMENT FOR THE CUTTING OF THE LOOPS.



STATION EQUATION
 P.T. STA. 42+07.93 BACK=
 STA. 19+27.57 FORWARD

COUNTY OF COOK
 DEPARTMENT OF HIGHWAYS

TRAFFIC SIGNAL INSTALLATION
 WILKE RD. RELOCATED-KIRCHOFF RD.

COMPUTED BY R.B.P.
 DRAWN BY W.A.C.
 CHECKED BY [Signature]

APPROVED BY [Signature]

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - GR	REVISED -
N:\Arlington Heights\220543\Civil\SIG 3.20543.sht		DRAWN - PM	REVISED -
Default	PLOT SCALE = 43'	CHECKED - GR	REVISED -
	PLOT DATE = 10/2/2023	DATE - 10/2/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NEW WILKE ROAD AND KIRCHOFF ROAD
 DETECTOR LOOP REPLACEMENT PLAN

SCALE: 43' SHEET OF SHEETS STA. TO STA.

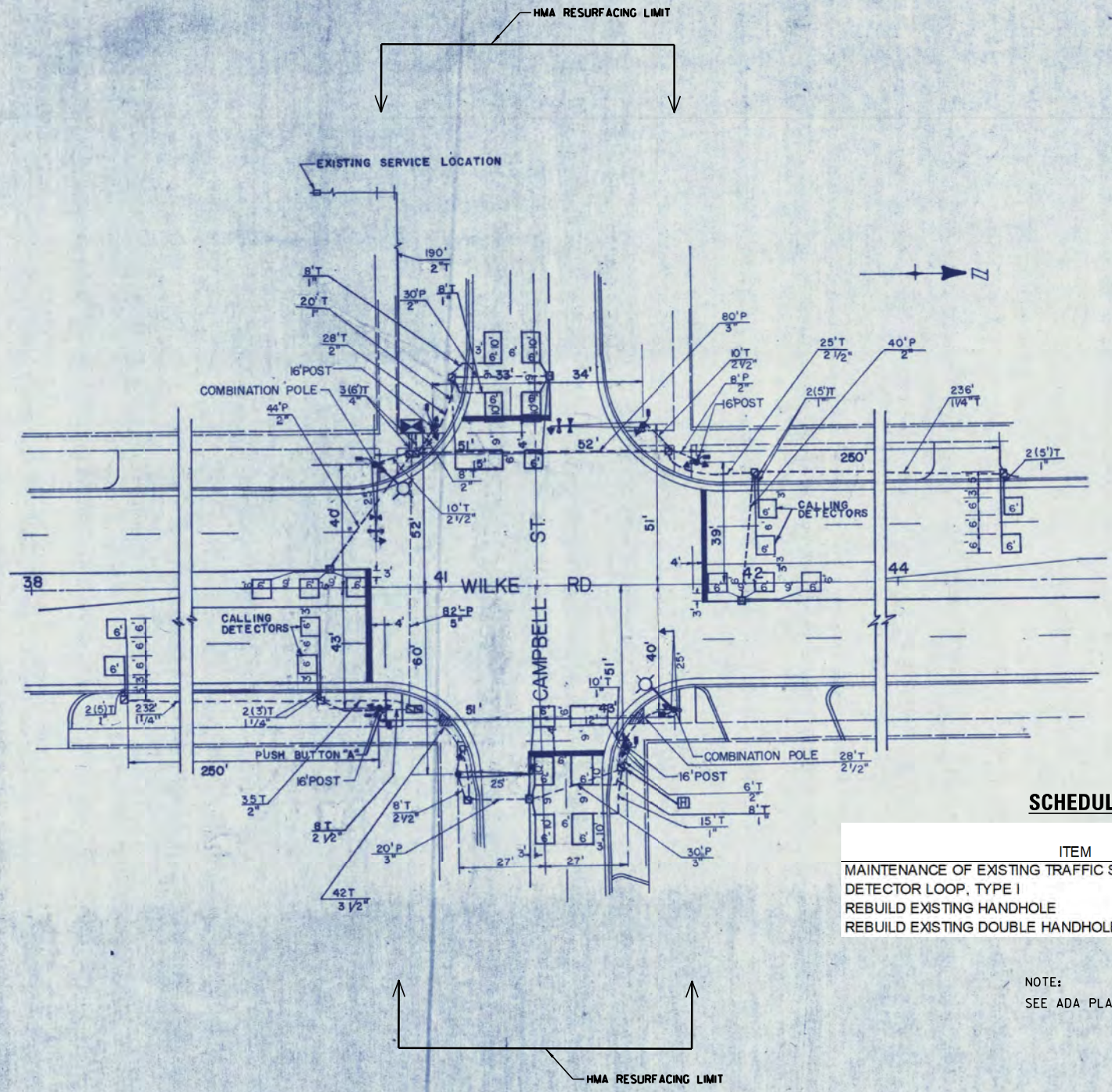
M.U.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	94
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2633	1977-355RN	COOK	59	31
STA.	TO STA.			

- GENERAL NOTES**
- ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS REQUIRED AND SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE LOOP DETECTOR AMPLIFIER MANUFACTURERS RECOMMENDATIONS. THE DETECTOR LOOP SHALL BE MEASURED FOR THAT PORTION OF SAW CUT BEYOND THE SPLICE AS SPECIFIED IN SECTION T 418.04 OF THE SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
 - LEAD-IN WIRING SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURERS RECOMMENDATIONS. THE 2/C SHIELDED CABLE TO BE USED FOR THE DETECTOR LOOP LEAD-IN SHALL BE MEASURED FROM THE SPLICE TO THE CONTROLLER AS SPECIFIED IN SECTION T 421.09 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. FLAT CABLE WILL NOT BE PERMITTED.
 - ALL SIGNAL AND DETECTOR ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLETHYLENE INSULATION WITH A POLYVINYLCHLORIDE JACKET. SERVICE CABLE MAY HAVE AN XLP JACKET.
 - THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS, INSPECTION OPENINGS AND CONCRETE JUNCTION BOXES SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
 - THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES CALL J.U.L.I.E. TOLL FREE NUMBER 800-892-0123 AND STATE MAINTAINED TRAFFIC SIGNAL 312-378-2800.
 - ALL SIGNAL POST AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) AND SIX (6) FEET RESPECTIVELY FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHOULD BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF THE SHOULDER.
 - FOR THE LOCATION OF ALL LOOPS CONTACT THE I.D.O.T. AREA TRAFFIC SIGNAL ENGINEER AT 834-4139 WHO WILL MARK THE PAVEMENT FOR THE CUTTING OF THE LOOPS.
 - HANDHOLE COVERS SHALL BE LABELED "TRAFFIC SIGNAL"
 - THE CONTROLLER FOR CAMPBELL ST. SHALL BE MANUFACTURED BY HONEYWELL, EAGLE, TRANSIT OR ECONOLITE

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
EMERGENCY VEHICLE SYSTEM DETECTOR, OPTICAL TYPE	[Symbol]	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]
HANDHOLE	[Symbol]	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	[Symbol]
DOUBLE HANDHOLE	[Symbol]	[Symbol]
G. S. CONDUIT IN TRENCH OR PUSHED	[Symbol]	[Symbol]
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]	[Symbol]
VEHICLE DETECTOR, NON-COMPENSATED MAGNETIC TYPE	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
CONDUIT SPLICE	[Symbol]	[Symbol]
CONCRETE JUNCTION BOX	[Symbol]	[Symbol]
WOOD POLE	[Symbol]	[Symbol]
SIGNAL FACE WITH BACKPLATE	[Symbol]	[Symbol]
PREEMPTION INDICATOR LIGHT	[Symbol]	[Symbol]



SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	685
REBUILD EXISTING HANDHOLE	EACH	2
REBUILD EXISTING DOUBLE HANDHOLE	EACH	1

NOTE:
SEE ADA PLANS FOR HANDHOLE LOCATIONS.

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION

WILKE RD. & CAMPBELL ST.

REVISIONS	
NAME	DATE

SCALE: VERT. HORIZ.

DATE: _____

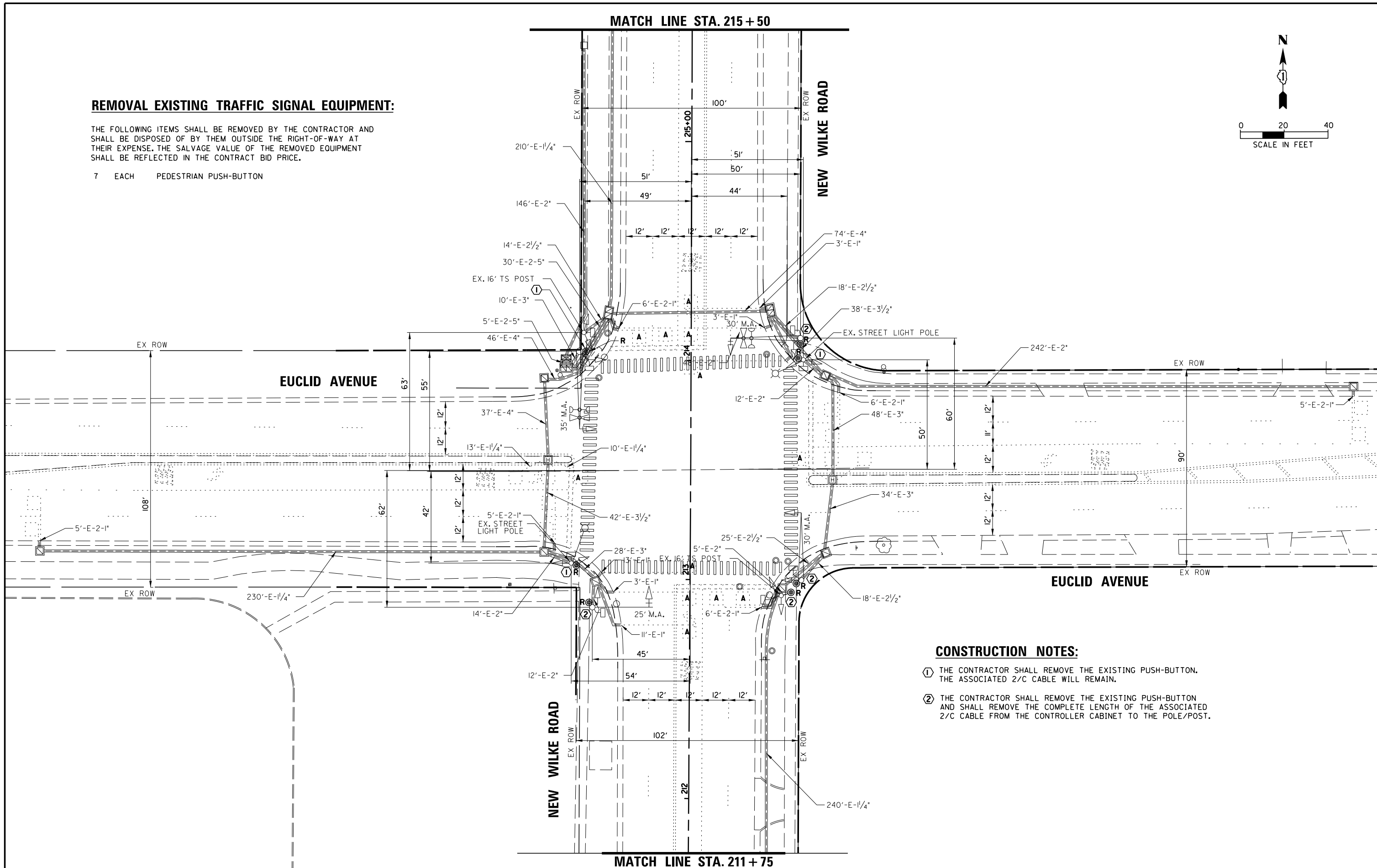
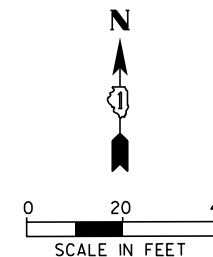
DRAWN BY: _____

CHECKED BY: _____

REMOVAL EXISTING TRAFFIC SIGNAL EQUIPMENT:

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

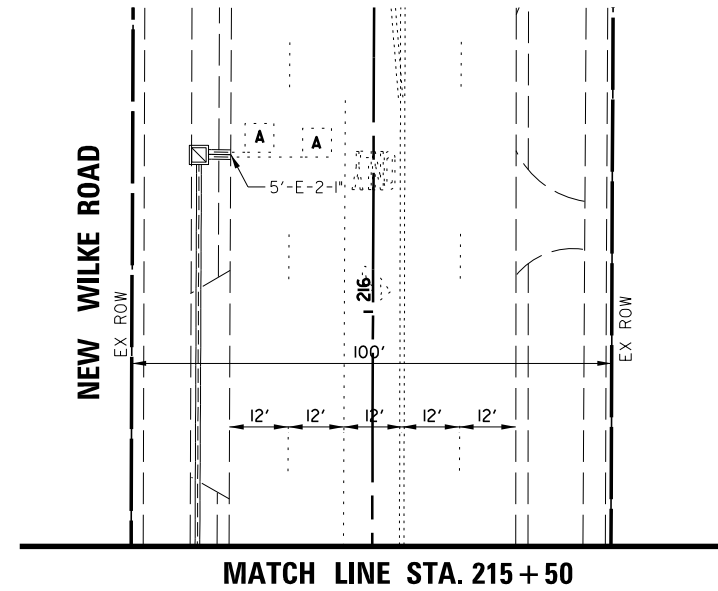
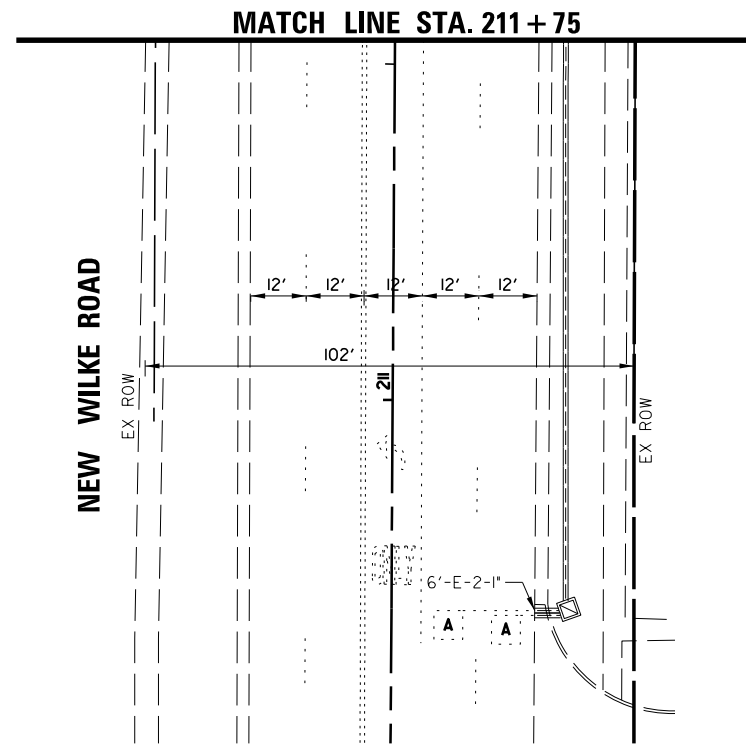
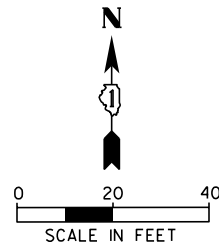
7 EACH PEDESTRIAN PUSH-BUTTON



CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL REMOVE THE EXISTING PUSH-BUTTON. THE ASSOCIATED 2/C CABLE WILL REMAIN.
- ② THE CONTRACTOR SHALL REMOVE THE EXISTING PUSH-BUTTON AND SHALL REMOVE THE COMPLETE LENGTH OF THE ASSOCIATED 2/C CABLE FROM THE CONTROLLER CABINET TO THE POLE/POST.

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - PJA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN - (SHEET 1 OF 2) EUCLID AVENUE AND NEW WILKE ROAD	MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\Arlington Heights\220543\Traffic\TS15	EUCLID-NEW WILKE.REMI.dgn	DRAWN - PJA	REVISED -			2134	22-00217-00-RS	COOK	136	96	
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -			CONTRACT NO. 6IJ73					
	PLOT DATE = 10/2/2023	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

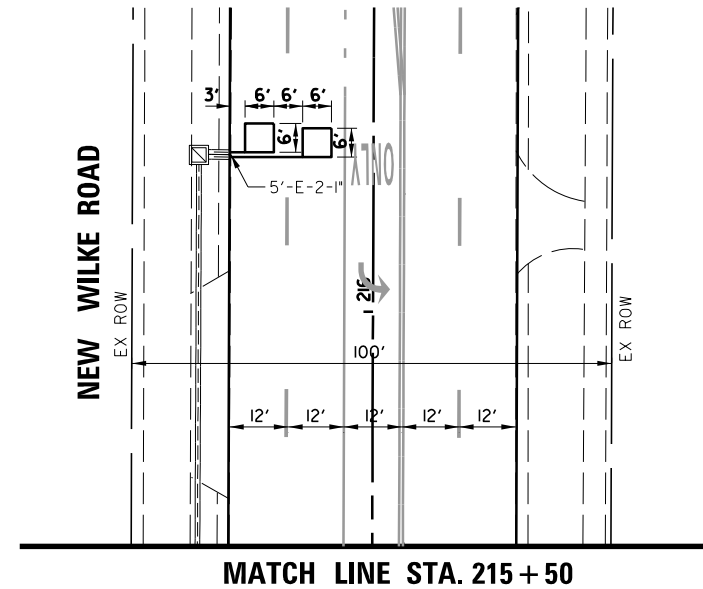
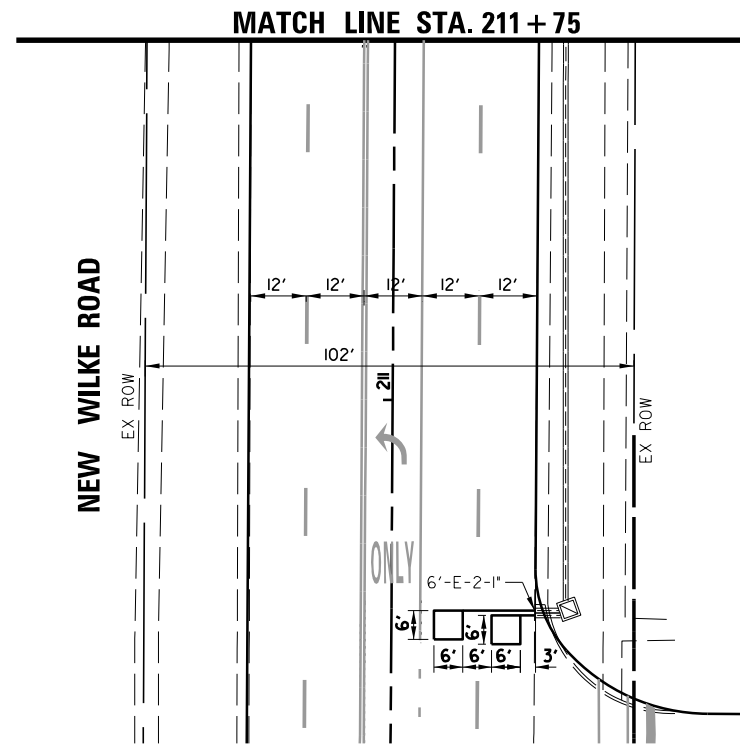
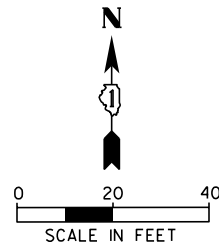


FILE NAME =	USER NAME = rhowellindgren	DESIGNED - PJA	REVISED -
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Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN - (SHEET 2 OF 2) EUCLID AVENUE AND NEW WILKE ROAD			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	97
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				



TS #1215

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - PJA	REVISED -
N:\Arlington Heights\220543\Traffic\TS18	EUCLID-NEW WILKE.MOD2.dgn	DRAWN - PJA	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/2/2023	DATE -	REVISED -

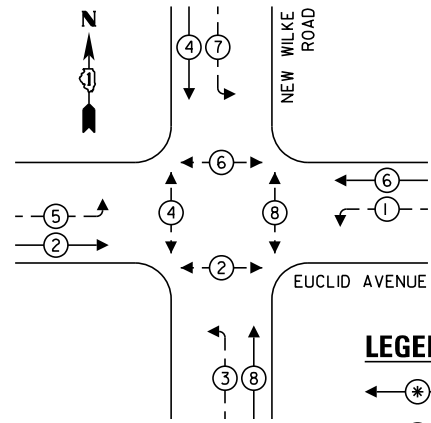
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
(SHEET 2 OF 2)
EUCLID AVENUE AND NEW WILKE ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	99
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

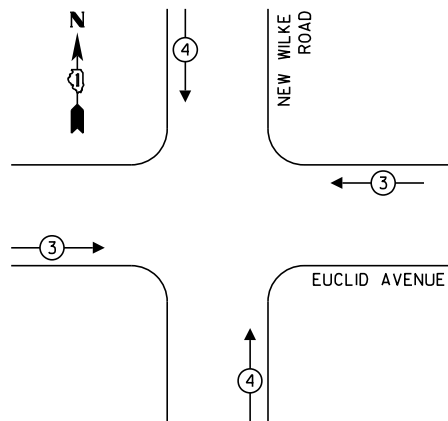
EXISTING CONTROLLER SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← * - - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * OL → OVERLAP

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

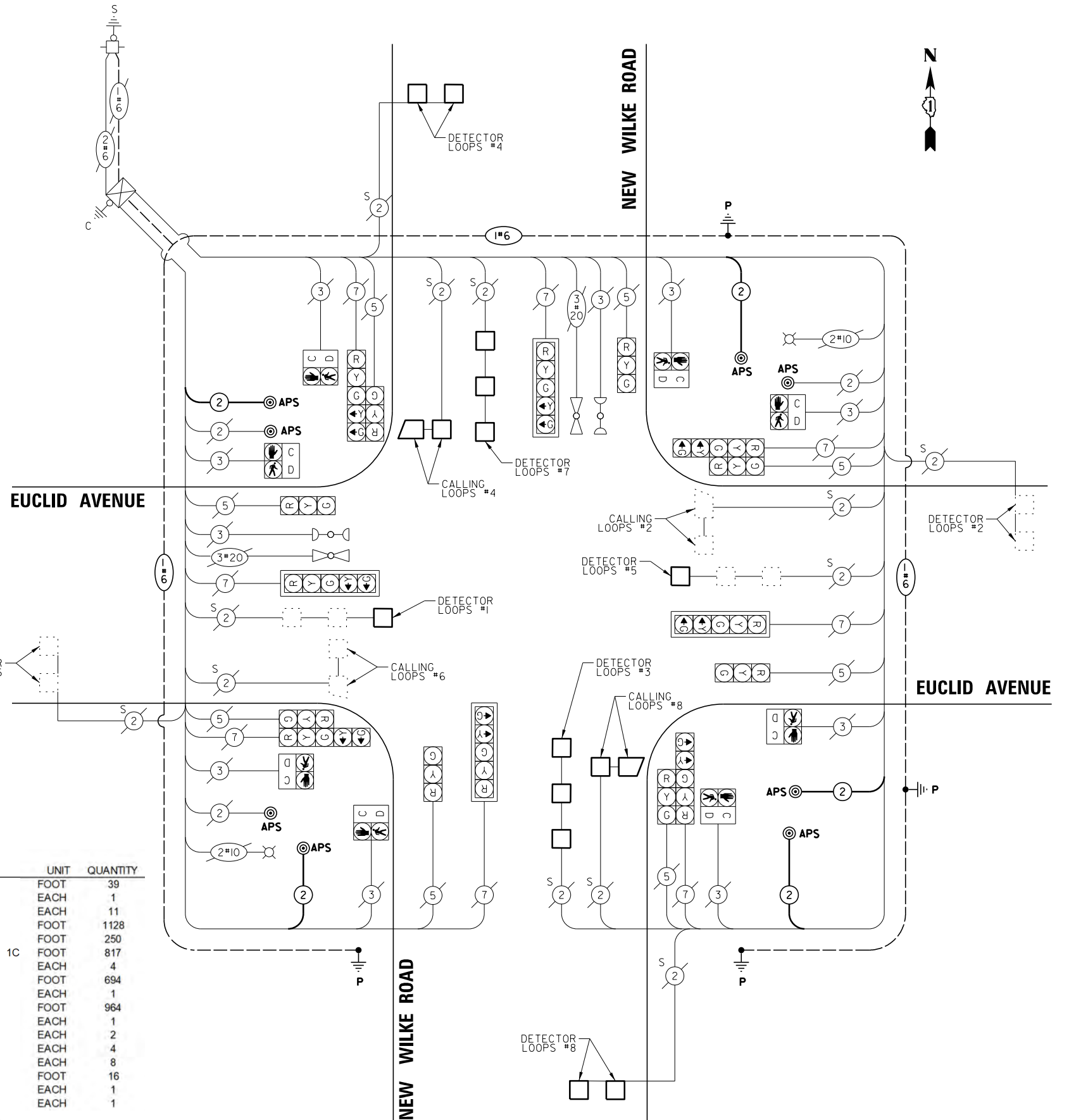
LEGEND:

- ⊗ SHIELDED CABLE

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	39
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	11
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1128
* ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	250
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	817
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP, TYPE I	FOOT	694
MODIFY EXISTING CONTROLLER	EACH	1
* REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	964
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
REBUILD EXISTING DOUBLE HANDHOLE	EACH	1
PERMANENT TRAFFIC SIGNAL TIMING	EACH	1

* TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER.



CABLE PLAN
(NOT TO SCALE)

LOCATION: EUCLID AVENUE AND NEW WILKE ROAD COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	WATTAGE	% OPERATION	TOTAL WATTAGE
CONTROLLER	1	100	1.00	100.00
VEHICLE DET.	12	5	1.00	60.00
PED. SIGNAL	8	25	1.00	200.00
12" SIGNAL (RED)	16	17	0.50	136.00
(YELLOW)	16	25	0.05	20.00
(GREEN)	16	15	0.45	108.00
(ARROW)	16	12	0.10	19.20
TOTAL =				643.20

ENERGY COST TO: COOK COUNTY BUREAU OF ADMINISTRATION
118 N. CLARK STREET, ROOM 801
CHICAGO, IL 60602
TOWER ACCOUNT NO.
SUPPLEMENT NO.

ENERGY COST SHARE: COOK COUNTY: 100%

ENERGY SUPPLY CONTACT: ComEd
PHONE: (866)639-3532
COMPANY: ComEd

EFFECTIVE DATE: TO BE DETERMINED

FILE NAME =	USER NAME = rhowellindgren	DESIGNED - PJA	REVISED -
N:\Ar\linton Heights\220543\Traffic\TS19	EUCLID-NEW WILKE.CAB.dgn	DRAWN - PJA	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/2/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
EUCLID AVENUE AND NEW WILKE ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2134	22-00217-00-RS	COOK	136	100
CONTRACT NO. 61J73				
ILLINOIS FED. AID PROJECT				

TS #1215