

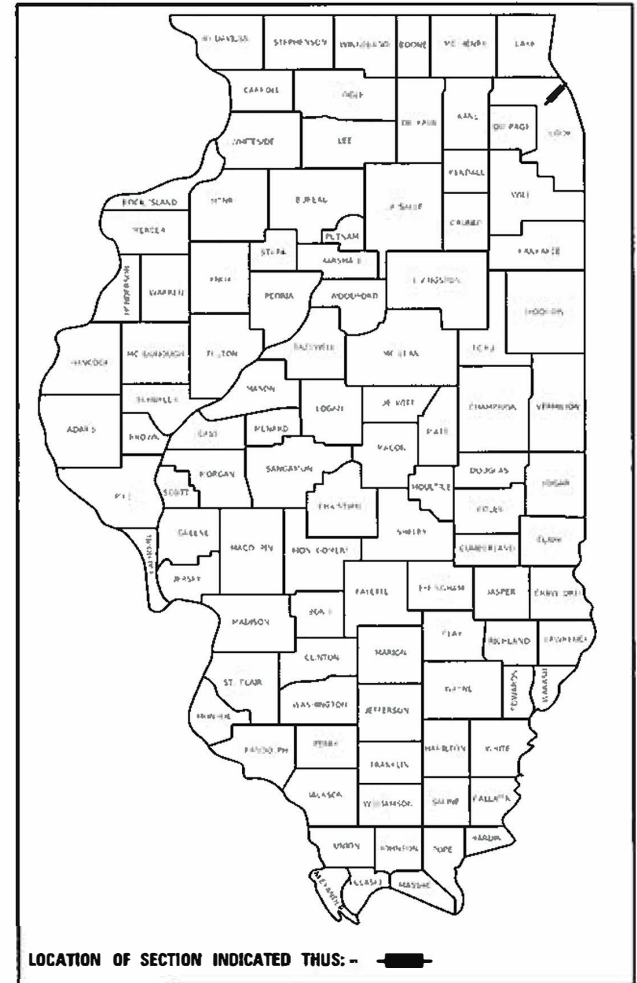
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-RS	COOK	74	1
		ILLINOIS	CONTRACT NO. 61G87	

DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY**
 FAU 1669 (KENILWORTH AVENUE)
 FROM GREEN BAY ROAD TO SHERIDAN ROAD
 ROAD RESURFACING
 SECTION 17-00034-00-RS
 PROJECT 7FLC(913)
 VILLAGE OF KENILWORTH
 COOK COUNTY
 C-91-302-19

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION
 KENILWORTH AVENUE - MINOR COLLECTOR

KENILWORTH AVENUE TRAFFIC DATA
 2018 ADT = 1,900
 2040 ADT = 2,100
 POSTED SPEED LIMIT: 25 MPH
 DESIGN SPEED: 30 MPH

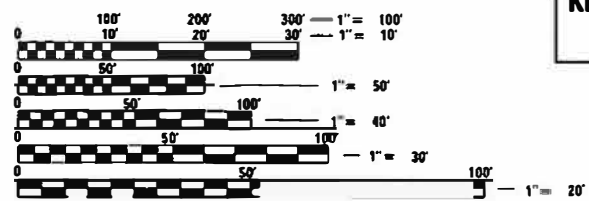


LOCATION OF SECTION INDICATED THUS: - - -



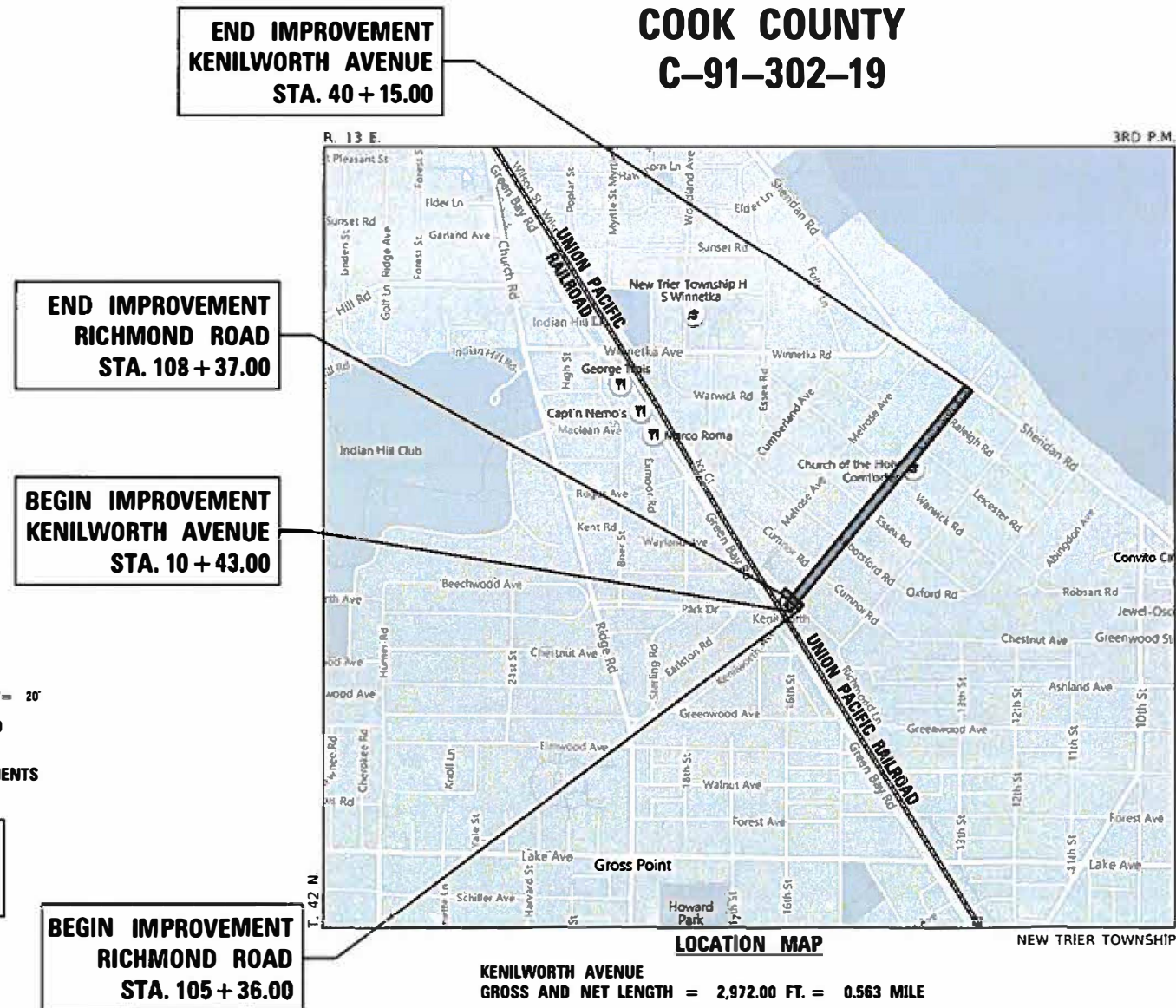
SIGNED: Michael J. Vasek
 ENGINEER
 DATE: OCTOBER 1, 2020
 EXP. 11/30/2021

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



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 EXCAVATORS
 1-800-892-0123
 OR 811



KENILWORTH AVENUE
 GROSS AND NET LENGTH = 2,972.00 FT. = 0.563 MILE

RICHMOND ROAD
 GROSS AND NET LENGTH = 301.00 FT. = 0.057 MILE

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 OF THE STATE OF ILLINOIS**

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<u>October 01, 2020</u> <u>[Signature]</u> VILLAGE OF KENILWORTH, VILLAGE MANAGER
APPROVED	10/1/2020 <u>[Signature]</u> KENILWORTH PARK DISTRICT, EXECUTIVE DIRECTOR
PASSED	<u>NOV 12, 2020</u> <u>C.F. [Signature]</u> DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<u>NOVEMBER 12, 2020</u> <u>[Signature]</u> REGIONAL ENGINEER

INDEX OF SHEETS

1 COVER SHEET
 2 INDEX OF SHEETS, LISTING OF APPLICABLE STANDARDS, GENERAL NOTES
 3 MWRD GENERAL NOTES
 4-8 SUMMARY OF QUANTITIES
 9-14 TYPICAL SECTIONS
 15-16 ALIGNMENT, TIES AND BENCHMARK
 17-22 REMOVAL PLAN
 23-28 PROPOSED IMPROVEMENT PLAN
 29-34 MAINTENANCE OF TRAFFIC PLAN
 35-37 DETOUR PLAN
 38-41 LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLAN
 42 EROSION CONTROL DETAILS
 43 DRAINAGE & UTILITY PLAN
 44 MWRD SEWER ROUTING MAP
 45 MWRD DETAILS
 46-59 ADA GRADING DETAILS
 60-63 PAVEMENT MARKING AND SIGNING PLAN
 64-74 IDOT DISTRICT 1 STANDARD DETAILS

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2021, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" 8TH EDITION, THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.
2. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES.
5. ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
7. IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED.
8. THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL THE CONTRACTORS PERSONNEL EMPLOYED ON THE WORK SITE. THE FACILITIES SHALL BE MAINTAINED IN PROPER SANITARY CONDITION THROUGHOUT THE PROJECT. THE LOCATION OF THE TEMPORARY FACILITIES SHALL BE APPROVED BY THE ENGINEER.
9. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.
10. 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.

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-05	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN, TYPE A
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-07	PRECAST MANHOLE, TYPE A, 4' (1.22 m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE, TYPE 8
604051-04	FRAME AND GRATE, TYPE 11
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

DISTRICT 1 DETAILS

BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINTS AND HMA TAPER
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, LISTING OF APPLICABLE STANDARDS, GENERAL NOTES

KENILWORTH AVENUE	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F. AU R. TE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	2
			CONTRACT NO. 61G87	
ILLINOIS FED. AID PROJECT				

A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
 * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 * VILLAGE OF KENILWORTH MUNICIPAL CODE;
 * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
 * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
2. THE VILLAGE OF KENILWORTH 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.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

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

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

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

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
 - a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS (MACHINE DRILL) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
 - b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 - c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING MECHANICAL COUPLINGS TO HOLD IT FIRMLY IN PLACE.
12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
 - b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
12. 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.
13. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
14. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
15. 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.
16. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
17. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
18. 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.
19. 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.
20. 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.
21. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
22. 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.
23. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
24. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.



MODEL: MWRD_GENERAL_NOTES
 FILE NAME: 564_10000-sht-gennote_drainage.dgn

FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
5641-0000-sht-gennote_drainage.dgn		DRAWN - MJV	REVISED -
5641	PLOT SCALE = 1:60,0001	CHECKED - KLB	REVISED -
MWRD GENERAL NOTES	PLOT DATE = 11/5/2020	DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MWRD GENERAL NOTES

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	3
				CONTRACT NO. 61G87
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
					70% FEDERAL / 30% VILLAGE OF KENILWORTH	70% FEDERAL / 30% VILLAGE OF KENILWORTH
	CODE NO.	ITEM	UNIT	KENILWORTH AVE & RICHMOND RD 0005	TRAINEES 0042	
	20101100	TREE TRUNK PROTECTION	EACH	6		
	20101200	TREE ROOT PRUNING	EACH	3		
	20200100	EARTH EXCAVATION	CU YD	187		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	14		
SP	20800150	TRENCH BACKFILL	CU YD	43		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	626		
	25200110	SODDING, SALT TOLERANT	SQ YD	626		
	25200200	SUPPLEMENTAL WATERING	UNIT	6		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	13		
	28000510	INLET FILTERS	EACH	34		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	113		
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,065		
	35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	72		
	35800100	PREPARATION OF BASE	SQ YD	3,482		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,835		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	6,386		

SP - SPECIAL PROVISION

* SPECIALTY ITEM

FILE NAME =
5641-0000-sht-500 1.dgn
5641
Default

USER NAME = mvasak
PLOT SCALE = 1:1
PLOT DATE = 11/6/2020

DESIGNED - MJV
DRAWN - MJV
CHECKED - KLB
DATE - 11/5/2020

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REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
KENILWORTH AVENUE

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-RS	COOK	74	4
CONTRACT NO. 61G87			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
				70% FEDERAL / 30% VILLAGE OF KENILWORTH	70% FEDERAL / 30% VILLAGE OF KENILWORTH
CODE NO.	ITEM	UNIT	KENILWORTH AVE & RICHMOND RD 0005	TRAINEES 0042	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	180		
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	585		
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	352		
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,320		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9,578		
42400800	DETECTABLE WARNINGS	SQ FT	565		
44000100	PAVEMENT REMOVAL	SQ YD	262		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	403		
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	7,825		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,346		
44000600	SIDEWALK REMOVAL	SQ FT	8,751		
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2		
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1		
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1		

SP - SPECIAL PROVISION

* SPECIALTY ITEM



MODEL: Default
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5641-0000-shr-500 2.dgn		DRAWN - MJV	REVISED -
5641	PLOT SCALE = 1:1	CHECKED - KLB	REVISED -
Default	PLOT DATE = 11/6/2020	DATE - 11/5/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
KENILWORTH AVENUE

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-RS	COOK	74	5
CONTRACT NO. 61G87			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
					70% FEDERAL / 30% VILLAGE OF KENILWORTH	70% FEDERAL / 30% VILLAGE OF KENILWORTH
	CODE NO.	ITEM	UNIT	KENILWORTH AVE & RICHMOND RD 0005	TRAINEES 0042	
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	3		
	60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	2		
	60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	1		
	60500040	REMOVING MANHOLES	EACH	2		
	60500060	REMOVING INLETS	EACH	2		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,150		
	60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	6		
*	SP 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	126		
*	SP 66900530	SOIL DISPOSAL ANALYSIS	EACH	8		
*	SP 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1		
*	SP 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1		
*	SP 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	6		
	67100100	MOBILIZATION	L SUM	1		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,593		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,555		
	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	2,790		

SP - SPECIAL PROVISION

* SPECIALTY ITEM

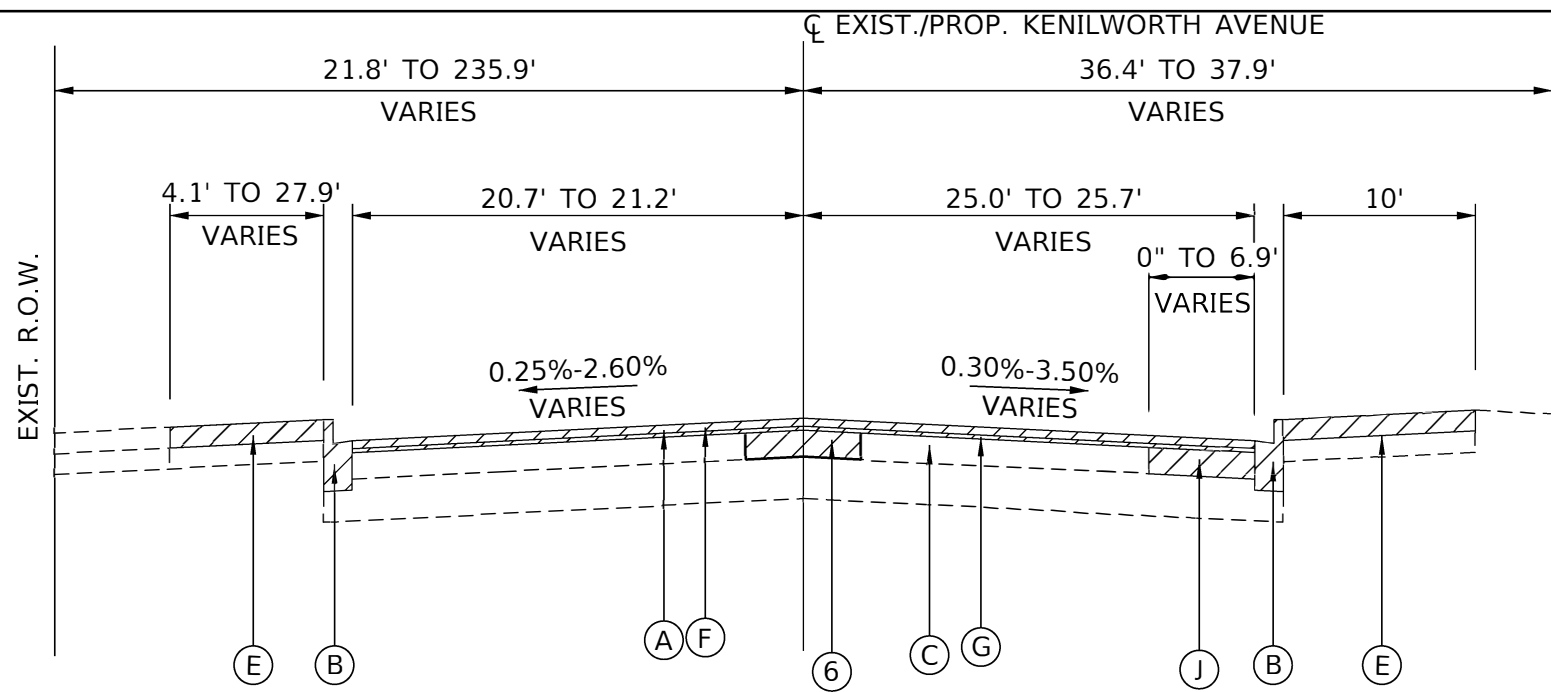
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

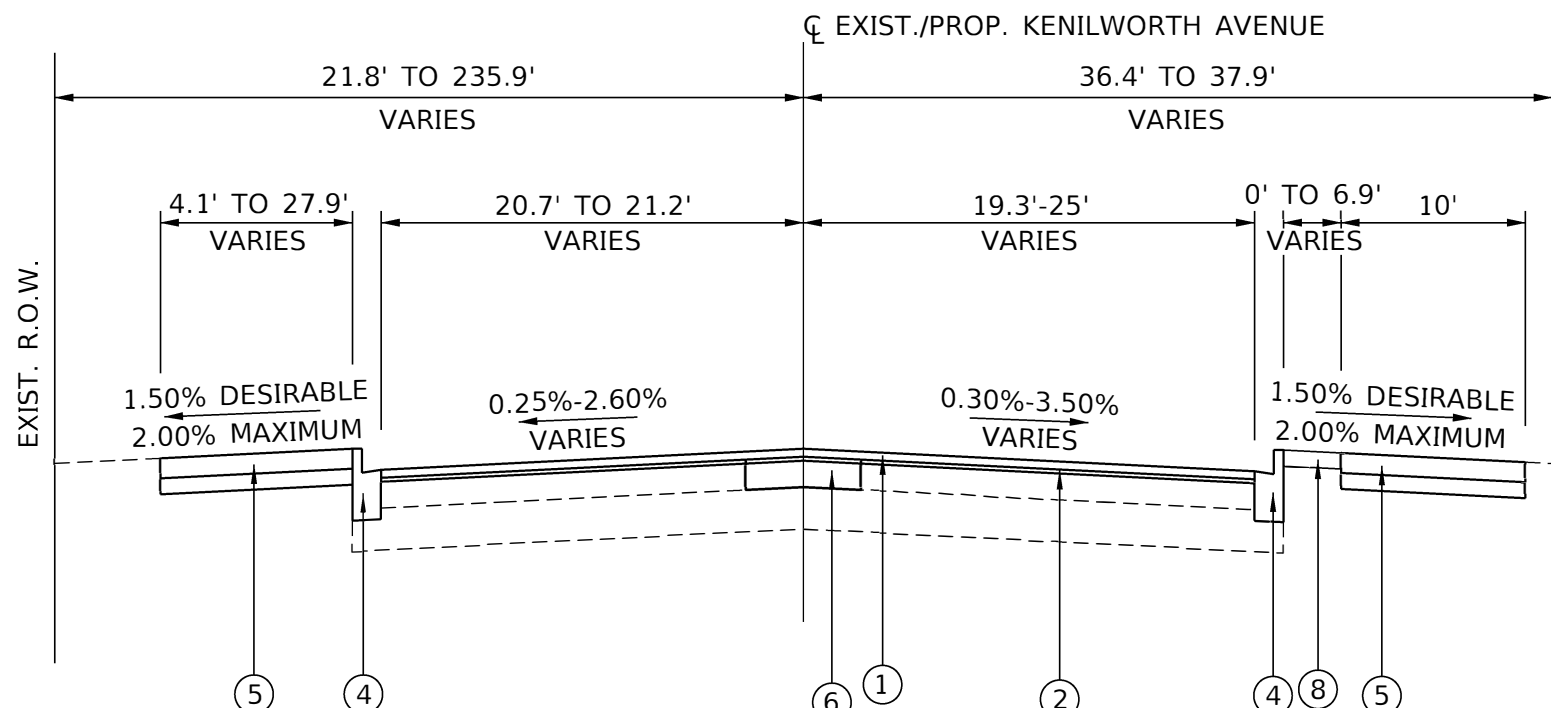
SUMMARY OF QUANTITIES
KENILWORTH AVENUE

SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	6
CONTRACT NO. 61G87			ILLINOIS FED. AID PROJECT	



**KENILWORTH AVENUE
EXISTING TYPICAL SECTION
STA. 10+43 TO STA. 11+31**



**KENILWORTH AVENUE
PROPOSED TYPICAL SECTION
STA. 10+43 TO STA. 11+31**

- EXISTING LEGEND:**
- (A)-EXISTING HMA PAVEMENT, VARIABLE DEPTH
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 12+57 TO STA. 21+00: VARIES 4½" TO 7¾"
 - STA. 21+00 TO STA. 31+00: VARIES 1½" TO 3¾"
 - STA. 31+00 TO STA. 40+15: VARIES 4½" TO 7¾"
 - (B)-EXISTING CURB AND GUTTER COMBINATION CURB AND GUTTER REMOVAL (SEE NOTES 1 AND 2)
 - (C)-EXISTING PCC BASE (8")
 - (D)-EXISTING AGGREGATE BASE, VARIABLE DEPTH
 - STA. 11+31 TO STA. 12+57: VARIES 0" TO 4"
 - STA. 12+57 TO STA. 21+00: VARIES 5" TO 17"
 - STA. 21+00 TO STA. 31+00: VARIES 11¾" TO 13"
 - STA. 31+00 TO STA. 40+15: VARIES 5" TO 17"
 - RICHMOND ROAD:
 - (E)-EXISTING PCC SIDEWALK SIDEWALK REMOVAL (SEE NOTE 1)
 - (F)-HOT-MIX ASPHALT SURFACE REMOVAL
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 11+31 TO STA. 21+00: 2¾"
 - STA. 31+00 TO STA. 40+15: 2¾"
 - RICHMOND ROAD: 2¾"
 - (G)-PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 1"
 - (H)-EXISTING HOT-MIX ASPHALT SURFACE WITH HOT-MIX ASPHALT OR PORTLAND CEMENT CONCRETE BASE, (VARIES 9" TO 10½")
 - (I)-PAVEMENT REMOVAL (SPECIAL) - (VARIES 3.5" TO 6.5")
 - (J)-PAVEMENT REMOVAL

- PROPOSED LEGEND:**
- (1)-HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
 - (2)-POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
 - STA. 10+43 TO STA. 11+31: 1"
 - STA. 11+31 TO STA. 12+57: ¾"
 - STA. 31+00 TO STA. 40+15: ¾"
 - RICHMOND ROAD RESURFACING: ¾"
 - RICHMOND ROAD WIDENING: 1"
 - (3)-HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (3")
 - (4)-COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (5)-PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B 4"
 - (6)-PAVEMENT PATCHING (SPECIAL) (SEE NOTE 3)
 - (7)-PREPARATION OF BASE
 - (8)-TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT TEMPORARY EROSION CONTROL SEEDING SUPPLEMENTAL WATERING
 - (9)-PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9" SUBBASE GRANULAR MATERIAL, TYPE B, 4"
 - STA. 107+06 TO STA. 107+77 (RT)
 - STA. 107+24 TO STA. 107+83 (LT)

- REMOVAL ITEM (SEE NOTE 1)

NOTE:

COMBINATION CURB AND GUTTER REMOVAL OR SIDEWALK REMOVAL TO BE DONE AT LOCATIONS AS SHOWN ON PLANS AND APPROVED BY THE ENGINEER. COMBINATION CURB AND GUTTER SHALL BE REPLACED WITH SAME TYPE AS REMOVED.

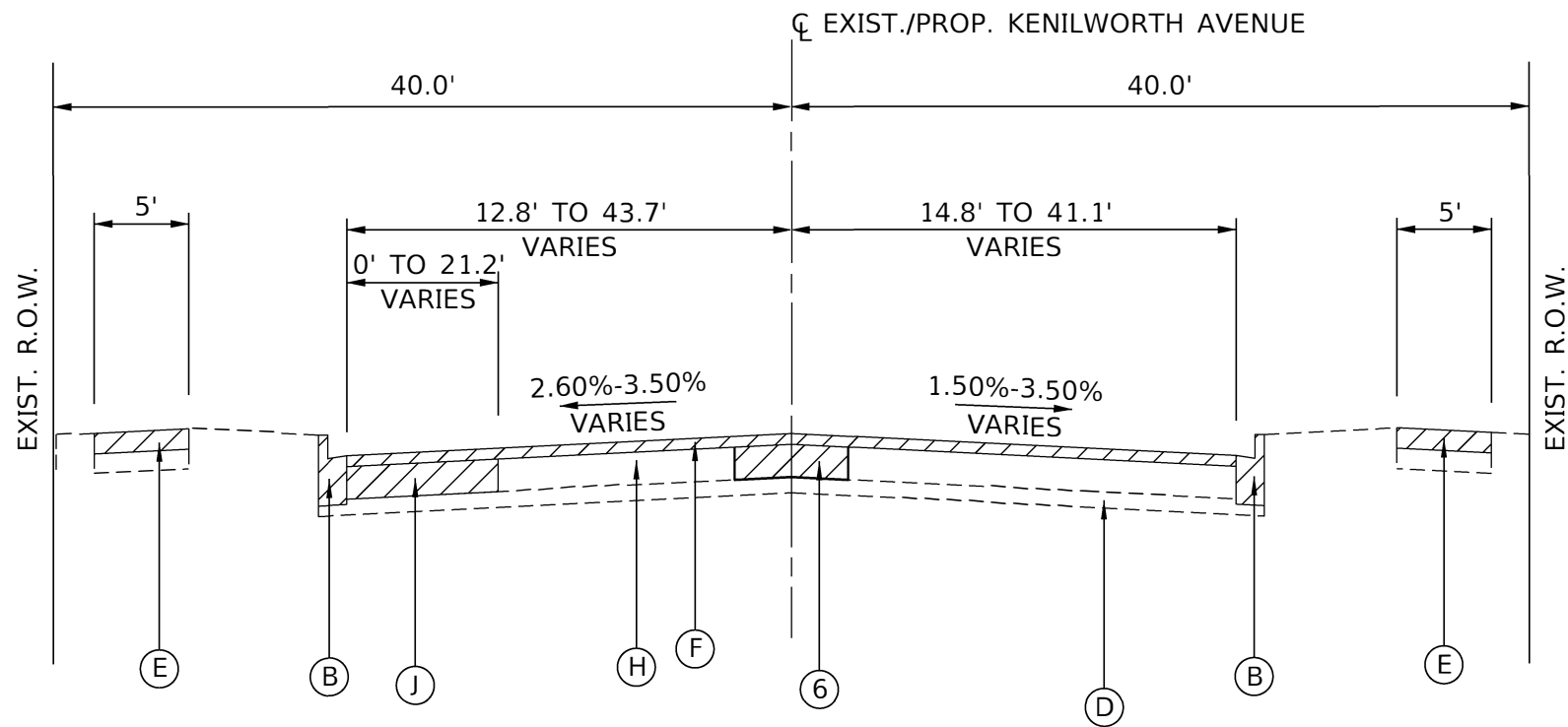
HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
KENILWORTH AVENUE AND RICHMOND ROAD RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; VARIES 0.75"-1.00"	3.5% @ 50 Gyr.
SOUTH CORNER OF KENILWORTH AVENUE AND RICHMOND ROAD (RESURFACING W/ SLOPE CORRECTION)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 0.75"	3.5% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; VARIES 0"-1.68"	4% @ 50 Gyr.
KENILWORTH AVENUE FULL DEPTH RESURFACING (STA. 21+00 TO 31+00)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 3"	4% @ 50 Gyr.
PAVEMENT PATCHING (SPECIAL)	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; VARIES 3.5" TO 6.5"	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 Lbs/SqYd/in

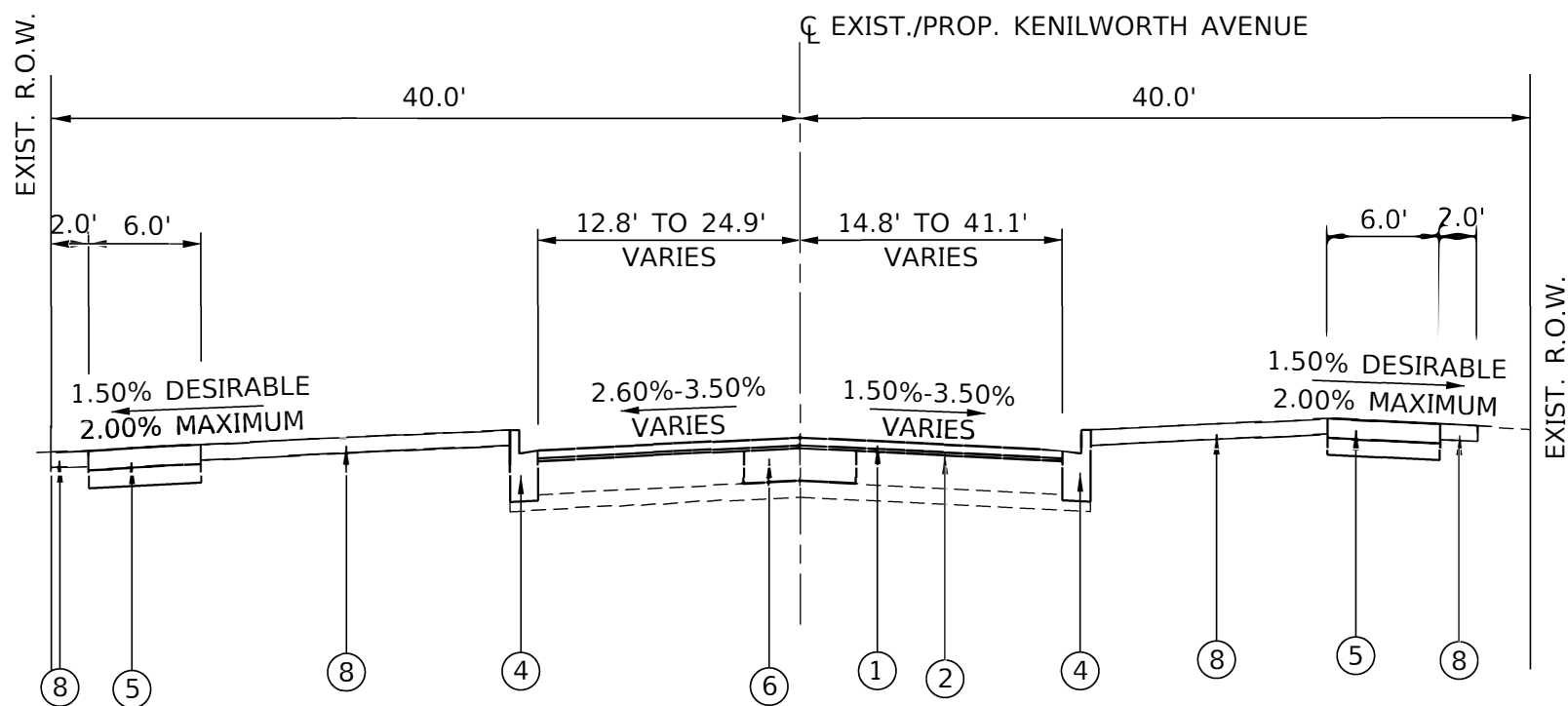
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

FILE NAME = 5641-0000-sht-typicals_1.dgn	USER NAME = mvasak	DESIGNED - MJV	REVISED -
5641	PLOT SCALE = 1:10	DRAWN - JKL	REVISED -
TYPICAL SECTION	PLOT DATE = 11/5/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -



**KENILWORTH AVENUE
EXISTING TYPICAL SECTION
STA. 11+31 TO STA. 12+57**



**KENILWORTH AVENUE
PROPOSED TYPICAL SECTION
STA. 11+31 TO STA. 12+57**

EXISTING LEGEND:

- (A) - EXISTING HMA PAVEMENT, VARIABLE DEPTH
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 12+57 TO STA. 21+00: VARIES 4½" TO 7¾"
 - STA. 21+00 TO STA. 31+00: VARIES 1½" TO 3½"
 - STA. 31+00 TO STA. 40+15: VARIES 4½" TO 7¾"
- (B) - EXISTING CURB AND GUTTER
COMBINATION CURB AND GUTTER REMOVAL
(SEE NOTES 1 AND 2)
- (C) - EXISTING PCC BASE (8")
- (D) - EXISTING AGGREGATE BASE, VARIABLE DEPTH
 - STA. 11+31 TO STA. 12+57: VARIES 0" TO 4"
 - STA. 12+57 TO STA. 21+00: VARIES 5" TO 17"
 - STA. 21+00 TO STA. 31+00: VARIES 11¼" TO 13"
 - STA. 31+00 TO STA. 40+15: VARIES 5" TO 17"
 - RICHMOND ROAD:
- (E) - EXISTING PCC SIDEWALK
SIDEWALK REMOVAL (SEE NOTE 1)
- (F) - HOT-MIX ASPHALT SURFACE REMOVAL
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 11+31 TO STA. 21+00: 2¾"
 - STA. 31+00 TO STA. 40+15: 2¾"
 - RICHMOND ROAD: 2¾"
- (G) - PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 1"
- (H) - EXISTING HOT-MIX ASPHALT SURFACE WITH HOT-MIX ASPHALT OR PORTLAND CEMENT CONCRETE BASE, (VARIES 9" TO 10½")
- (I) - PAVEMENT REMOVAL (SPECIAL) - (VARIES 3.5" TO 6.5")
- (J) - PAVEMENT REMOVAL

PROPOSED LEGEND:

- ① - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- ② - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
 - STA. 10+43 TO STA. 11+31: 1"
 - STA. 11+31 TO STA. 12+57: ¾"
 - STA. 31+00 TO STA. 40+15: ¾"
 - RICHMOND ROAD RESURFACING: ¾"
 - RICHMOND ROAD WIDENING: 1"
- ③ - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (3")
- ④ - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤ - PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B 4"
- ⑥ - PAVEMENT PATCHING (SPECIAL) (SEE NOTE 3)
- ⑦ - PREPARATION OF BASE
- ⑧ - TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
TEMPORARY EROSION CONTROL SEEDING
SUPPLEMENTAL WATERING
- ⑨ - PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9"
SUBBASE GRANULAR MATERIAL, TYPE B, 4"
 - STA. 107+06 TO STA. 107+77 (RT)
 - STA. 107+24 TO STA. 107+83 (LT)

▨ - REMOVAL ITEM (SEE NOTE 1)

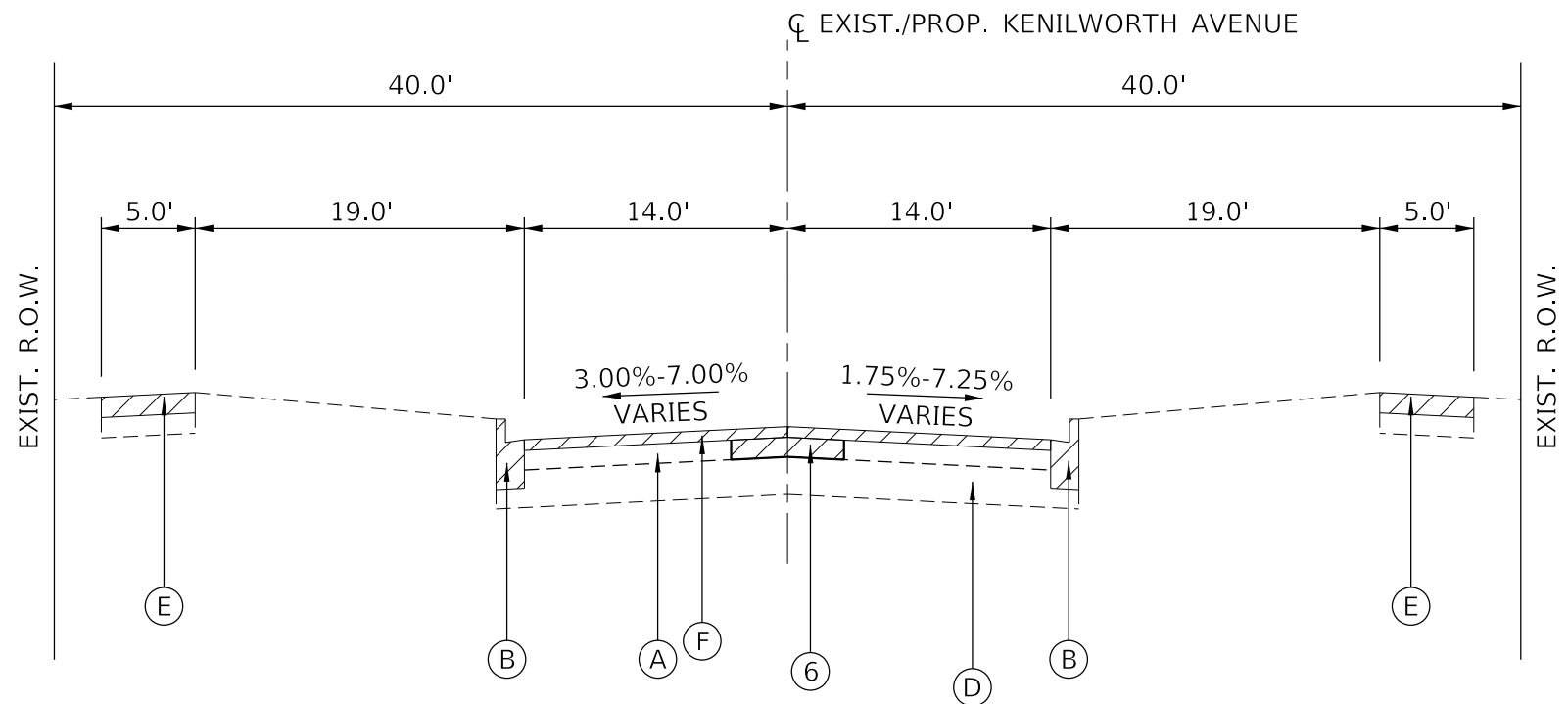
NOTE:

COMBINATION CURB AND GUTTER REMOVAL OR SIDEWALK REMOVAL TO BE DONE AT LOCATIONS AS SHOWN ON PLANS AND APPROVED BY THE ENGINEER. COMBINATION CURB AND GUTTER SHALL BE REPLACED WITH SAME TYPE AS REMOVED.

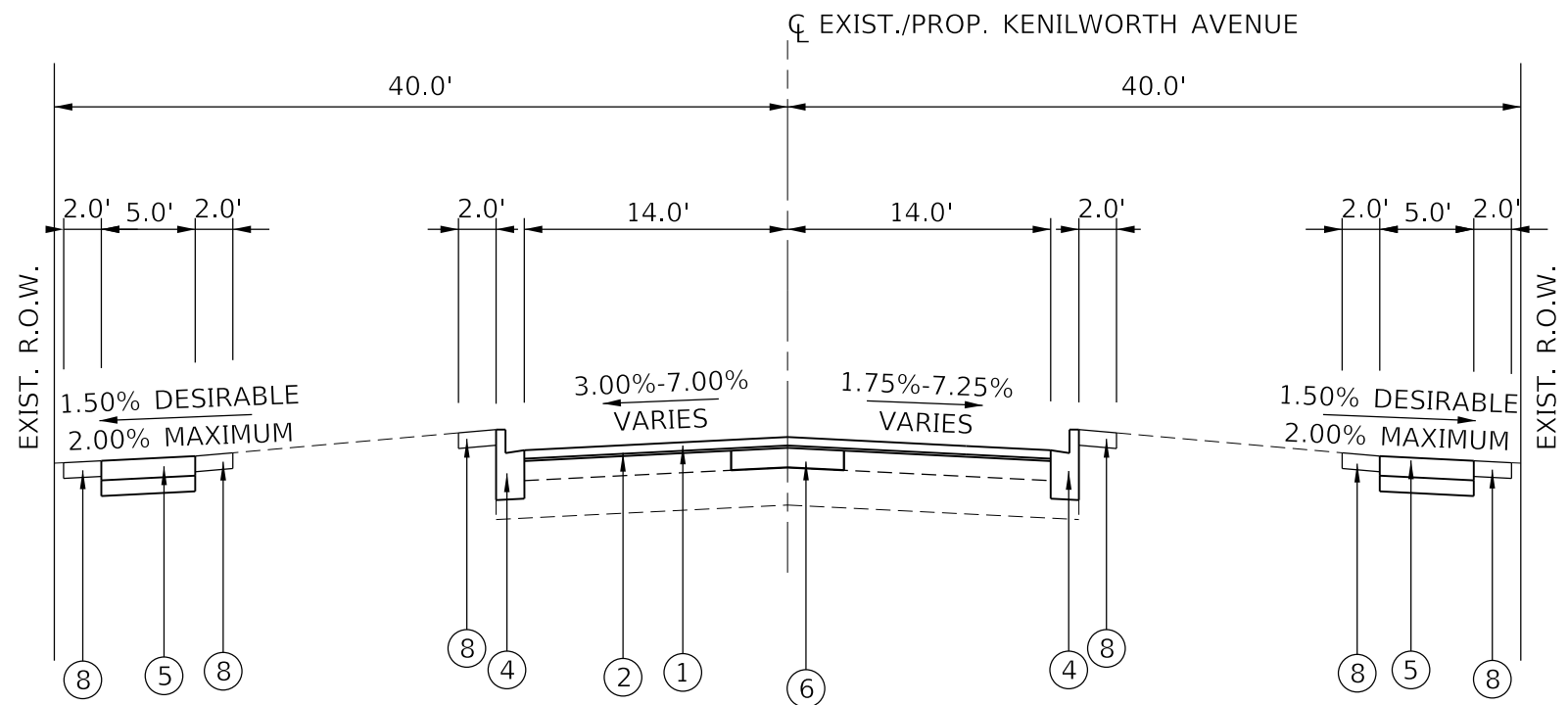
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TYPICAL SECTION	PLOT DATE = 11/5/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -

TYPICAL SECTIONS KENILWORTH AVENUE		F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 10
SCALE: N.T.S.	SHEET 2 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

TYPICAL SECTIONS KENILWORTH AVENUE		F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 10
				CONTRACT NO. 61G87		
				ILLINOIS FED. AID PROJECT		



**KENILWORTH AVENUE
EXISTING TYPICAL SECTION**
STA. 12+57 TO STA. 21+00
STA. 31+00 TO STA. 40+15



**KENILWORTH AVENUE
PROPOSED TYPICAL SECTION**
STA. 12+57 TO STA. 21+00
STA. 31+00 TO STA. 40+15

EXISTING LEGEND:

- (A)-EXISTING HMA PAVEMENT, VARIABLE DEPTH
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 12+57 TO STA. 21+00: VARIES 4½" TO 7¾"
 - STA. 21+00 TO STA. 31+00: VARIES 1½" TO 3¾"
 - STA. 31+00 TO STA. 40+15: VARIES 4½" TO 7¾"
- (B)-EXISTING CURB AND GUTTER
COMBINATION CURB AND GUTTER REMOVAL
(SEE NOTES 1 AND 2)
- (C)-EXISTING PCC BASE (8")
- (D)-EXISTING AGGREGATE BASE, VARIABLE DEPTH
 - STA. 11+31 TO STA. 12+57: VARIES 0" TO 4"
 - STA. 12+57 TO STA. 21+00: VARIES 5" TO 17"
 - STA. 21+00 TO STA. 31+00: VARIES 11¼" TO 13"
 - STA. 31+00 TO STA. 40+15: VARIES 5" TO 17"
 - RICHMOND ROAD:
- (E)-EXISTING PCC SIDEWALK
SIDEWALK REMOVAL (SEE NOTE 1)
- (F)-HOT-MIX ASPHALT SURFACE REMOVAL
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 11+31 TO STA. 21+00: 2¾"
 - STA. 31+00 TO STA. 40+15: 2¾"
 - RICHMOND ROAD: 2¾"
- (G)-PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 1"
- (H)-EXISTING HOT-MIX ASPHALT SURFACE WITH HOT-MIX ASPHALT OR PORTLAND CEMENT CONCRETE BASE, (VARIES 9" TO 10½")
- (I)-PAVEMENT REMOVAL (SPECIAL) - (VARIES 3.5" TO 6.5")
- (J)-PAVEMENT REMOVAL

PROPOSED LEGEND:

- ①-HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- ②-POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
 - STA. 10+43 TO STA. 11+31: 1"
 - STA. 11+31 TO STA. 12+57: ¾"
 - STA. 31+00 TO STA. 40+15: ¾"
 - RICHMOND ROAD RESURFACING: ¾"
 - RICHMOND ROAD WIDENING: 1"
- ③-HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (3")
- ④-COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤-PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B 4"
- ⑥-PAVEMENT PATCHING (SPECIAL) (SEE NOTE 3)
- ⑦-PREPARATION OF BASE
- ⑧-TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT TEMPORARY EROSION CONTROL SEEDING SUPPLEMENTAL WATERING
- ⑨-PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9" SUBBASE GRANULAR MATERIAL, TYPE B, 4"
 - STA. 107+06 TO STA. 107+77 (RT)
 - STA. 107+24 TO STA. 107+83 (LT)

- REMOVAL ITEM (SEE NOTE 1)

NOTE:

COMBINATION CURB AND GUTTER REMOVAL OR SIDEWALK REMOVAL TO BE DONE AT LOCATIONS AS SHOWN ON PLANS AND APPROVED BY THE ENGINEER. COMBINATION CURB AND GUTTER SHALL BE REPLACED WITH SAME TYPE AS REMOVED.

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5641-0000-sht-typicals 3.dgn	
5641	
TYPICAL SECTION	

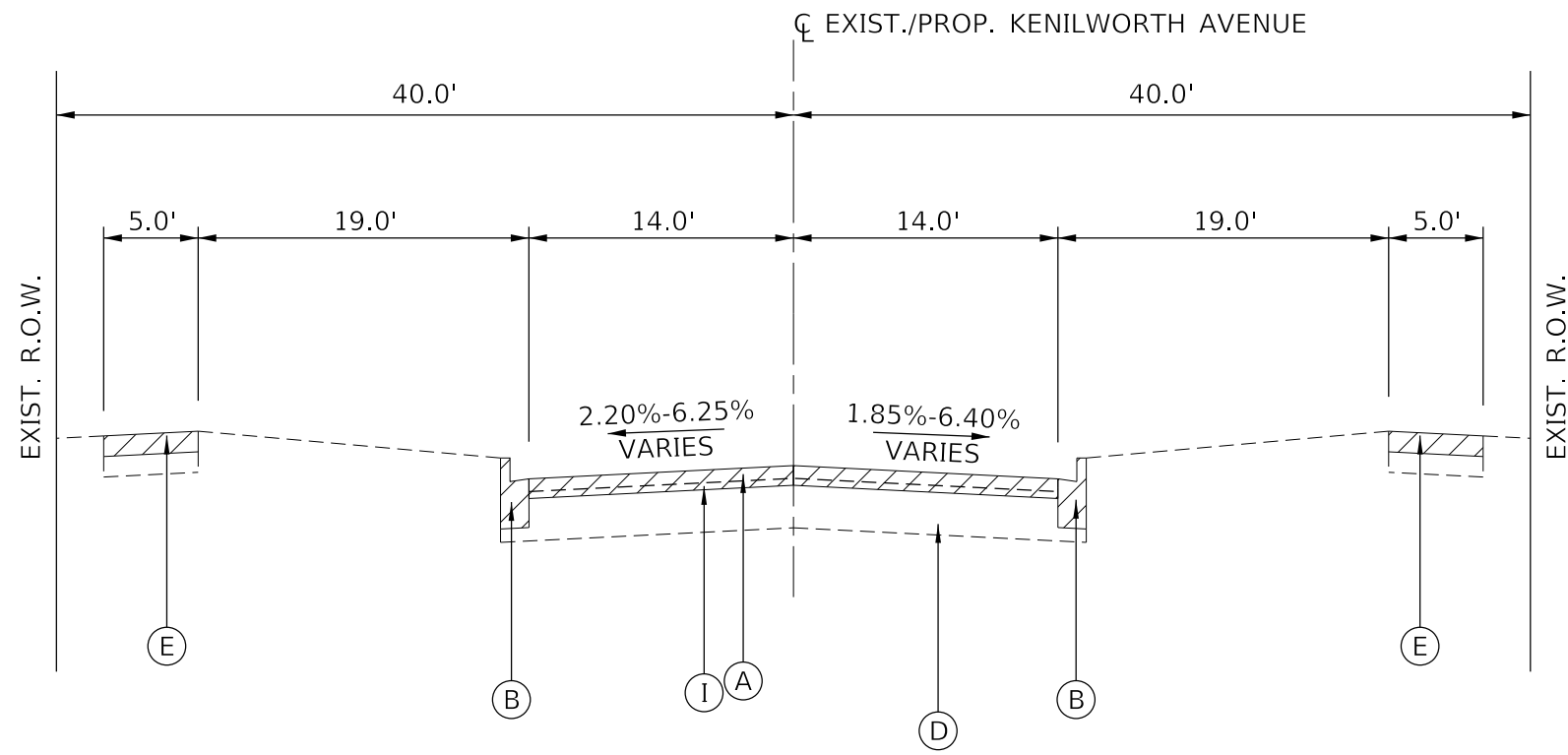
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PLOT SCALE = 1:10	REVISIONS -

DESIGNED - MIV	REVISOR -
DRAWN - JKL	REVISIONS -
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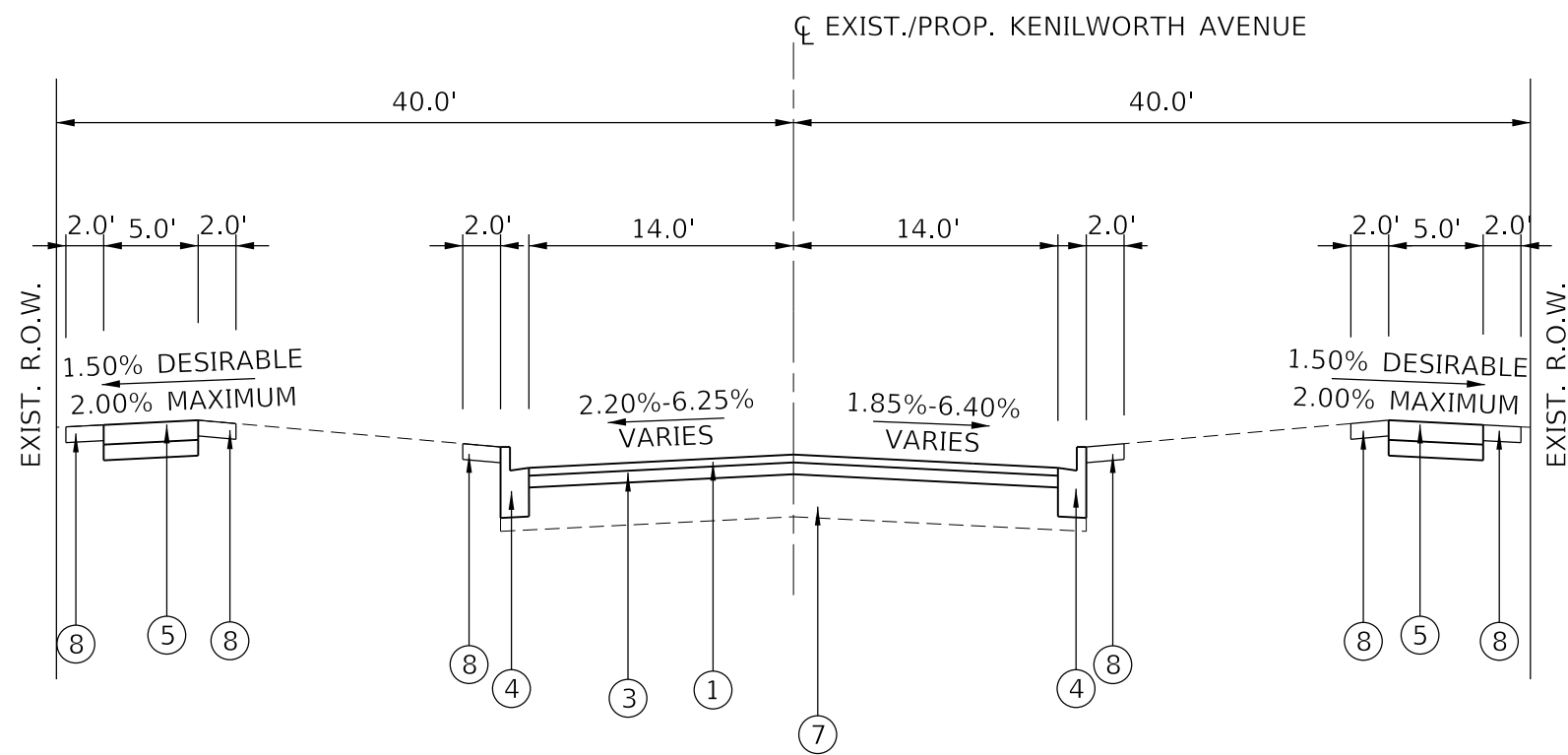
DESIGNED - MIV	REVISOR -
DRAWN - JKL	REVISIONS -
CHECKED - KLB	REVISIONS -
PLOT DATE = 11/5/2020	REVISIONS -

TYPICAL SECTIONS KENILWORTH AVENUE	
SCALE: N.T.S.	SHEET 3 OF 6 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	11
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



**KENILWORTH AVENUE
EXISTING TYPICAL SECTION
STA. 21+00 TO STA. 31+00**



**KENILWORTH AVENUE
PROPOSED TYPICAL SECTION
STA. 21+00 TO STA. 31+00**

EXISTING LEGEND:

- (A)-EXISTING HMA PAVEMENT, VARIABLE DEPTH
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 12+57 TO STA. 21+00: VARIES 4½" TO 7¾"
 - STA. 21+00 TO STA. 31+00: VARIES 1½" TO 3¾"
 - STA. 31+00 TO STA. 40+15: VARIES 4½" TO 7¾"
- (B)-EXISTING CURB AND GUTTER
COMBINATION CURB AND GUTTER REMOVAL
(SEE NOTES 1 AND 2)
- (C)-EXISTING PCC BASE (8")
- (D)-EXISTING AGGREGATE BASE, VARIABLE DEPTH
 - STA. 11+31 TO STA. 12+57: VARIES 0" TO 4"
 - STA. 12+57 TO STA. 21+00: VARIES 5" TO 17"
 - STA. 21+00 TO STA. 31+00: VARIES 11¾" TO 13"
 - STA. 31+00 TO STA. 40+15: VARIES 5" TO 17"
 - RICHMOND ROAD:
- (E)-EXISTING PCC SIDEWALK
SIDEWALK REMOVAL (SEE NOTE 1)
- (F)-HOT-MIX ASPHALT SURFACE REMOVAL
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 11+31 TO STA. 21+00: 2¾"
 - STA. 31+00 TO STA. 40+15: 2¾"
 - RICHMOND ROAD: 2¾"
- (G)-PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 1"
- (H)-EXISTING HOT-MIX ASPHALT SURFACE WITH HOT-MIX ASPHALT OR PORTLAND CEMENT CONCRETE BASE, (VARIES 9" TO 10½")
- (I)-PAVEMENT REMOVAL (SPECIAL) - (VARIES 3.5" TO 6.5")
- (J)-PAVEMENT REMOVAL

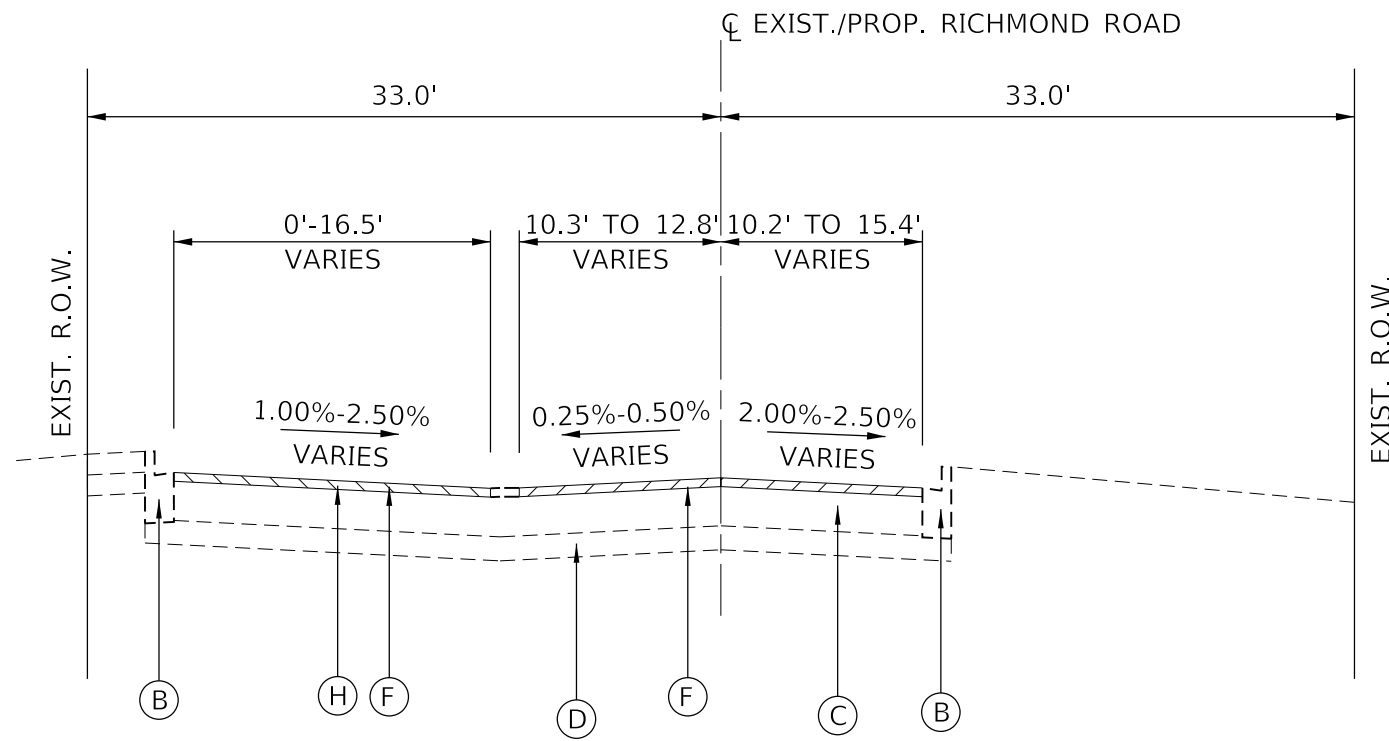
PROPOSED LEGEND:

- (1)-HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- (2)-POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
 - STA. 10+43 TO STA. 11+31: 1"
 - STA. 11+31 TO STA. 12+57: ¾"
 - STA. 31+00 TO STA. 40+15: ¾"
 - RICHMOND ROAD RESURFACING: ¾"
 - RICHMOND ROAD WIDENING: 1"
- (3)-HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (3")
- (4)-COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (5)-PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B 4"
- (6)-PAVEMENT PATCHING (SPECIAL) (SEE NOTE 3)
- (7)-PREPARATION OF BASE
- (8)-TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT TEMPORARY EROSION CONTROL SEEDING SUPPLEMENTAL WATERING
- (9)-PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9" SUBBASE GRANULAR MATERIAL, TYPE B, 4"
 - STA. 107+06 TO STA. 107+77 (RT)
 - STA. 107+24 TO STA. 107+83 (LT)

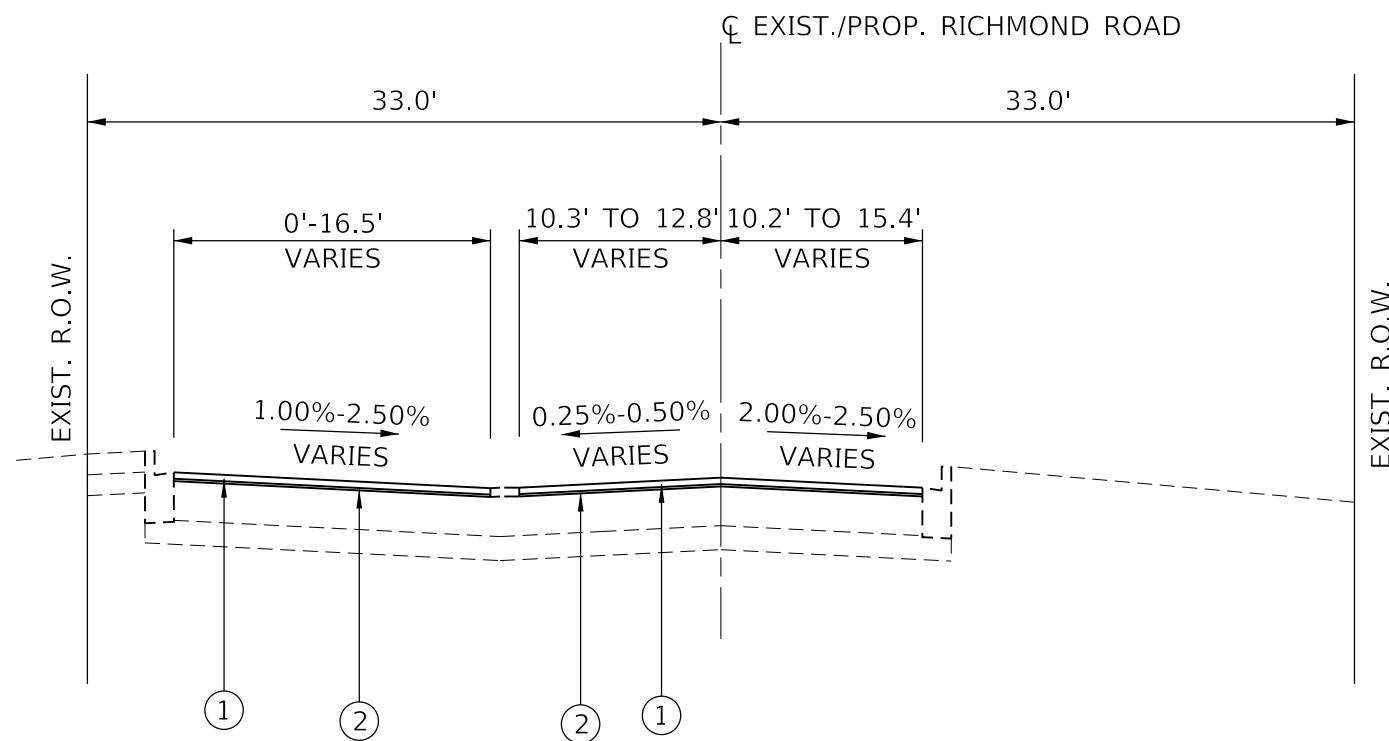
- REMOVAL ITEM (SEE NOTE 1)

NOTE:

COMBINATION CURB AND GUTTER REMOVAL OR SIDEWALK REMOVAL TO BE DONE AT LOCATIONS AS SHOWN ON PLANS AND APPROVED BY THE ENGINEER. COMBINATION CURB AND GUTTER SHALL BE REPLACED WITH SAME TYPE AS REMOVED.



RICHMOND ROAD
EXISTING TYPICAL SECTION
 STA. 105+36.00 TO STA. 105+70.50



RICHMOND ROAD
PROPOSED TYPICAL SECTION
 STA. 105+36.00 TO STA. 105+70.50

EXISTING LEGEND:

- (A)-EXISTING HMA PAVEMENT, VARIABLE DEPTH
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 12+57 TO STA. 21+00: VARIES 4½" TO 7¾"
 - STA. 21+00 TO STA. 31+00: VARIES 1½" TO 3¼"
 - STA. 31+00 TO STA. 40+15: VARIES 4½" TO 7¾"
- (B)-EXISTING CURB AND GUTTER
COMBINATION CURB AND GUTTER REMOVAL
(SEE NOTES 1 AND 2)
- (C)-EXISTING PCC BASE (8")
- (D)-EXISTING AGGREGATE BASE, VARIABLE DEPTH
 - STA. 11+31 TO STA. 12+57: VARIES 0" TO 4"
 - STA. 12+57 TO STA. 21+00: VARIES 5" TO 17"
 - STA. 21+00 TO STA. 31+00: VARIES 11¼" TO 13"
 - STA. 31+00 TO STA. 40+15: VARIES 5" TO 17"
 - RICHMOND ROAD:
- (E)-EXISTING PCC SIDEWALK
SIDEWALK REMOVAL (SEE NOTE 1)
- (F)-HOT-MIX ASPHALT SURFACE REMOVAL
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 11+31 TO STA. 21+00: 2¾"
 - STA. 31+00 TO STA. 40+15: 2¾"
 - RICHMOND ROAD: 2¾"
- (G)-PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 1"
- (H)-EXISTING HOT-MIX ASPHALT SURFACE WITH HOT-MIX ASPHALT
OR PORTLAND CEMENT CONCRETE BASE, (VARIES 9" TO 10½")
- ①-PAVEMENT REMOVAL (SPECIAL) - (VARIES 3.5" TO 6.5")
- ①-PAVEMENT REMOVAL

PROPOSED LEGEND:

- ①-HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- ②-POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
 - STA. 10+43 TO STA. 11+31: 1"
 - STA. 11+31 TO STA. 12+57: ¾"
 - STA. 31+00 TO STA. 40+15: ¾"
 - RICHMOND ROAD RESURFACING: ¾"
 - RICHMOND ROAD WIDENING: 1"
- ③-HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (3")
- ④-COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤-PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B 4"
- ⑥-PAVEMENT PATCHING (SPECIAL) (SEE NOTE 3)
- ⑦-PREPARATION OF BASE
- ⑧-TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
TEMPORARY EROSION CONTROL SEEDING
SUPPLEMENTAL WATERING
- ⑨-PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9"
SUBBASE GRANULAR MATERIAL, TYPE B, 4"
 - STA. 107+06 TO STA. 107+77 (RT)
 - STA. 107+24 TO STA. 107+83 (LT)

- REMOVAL ITEM (SEE NOTE 1)

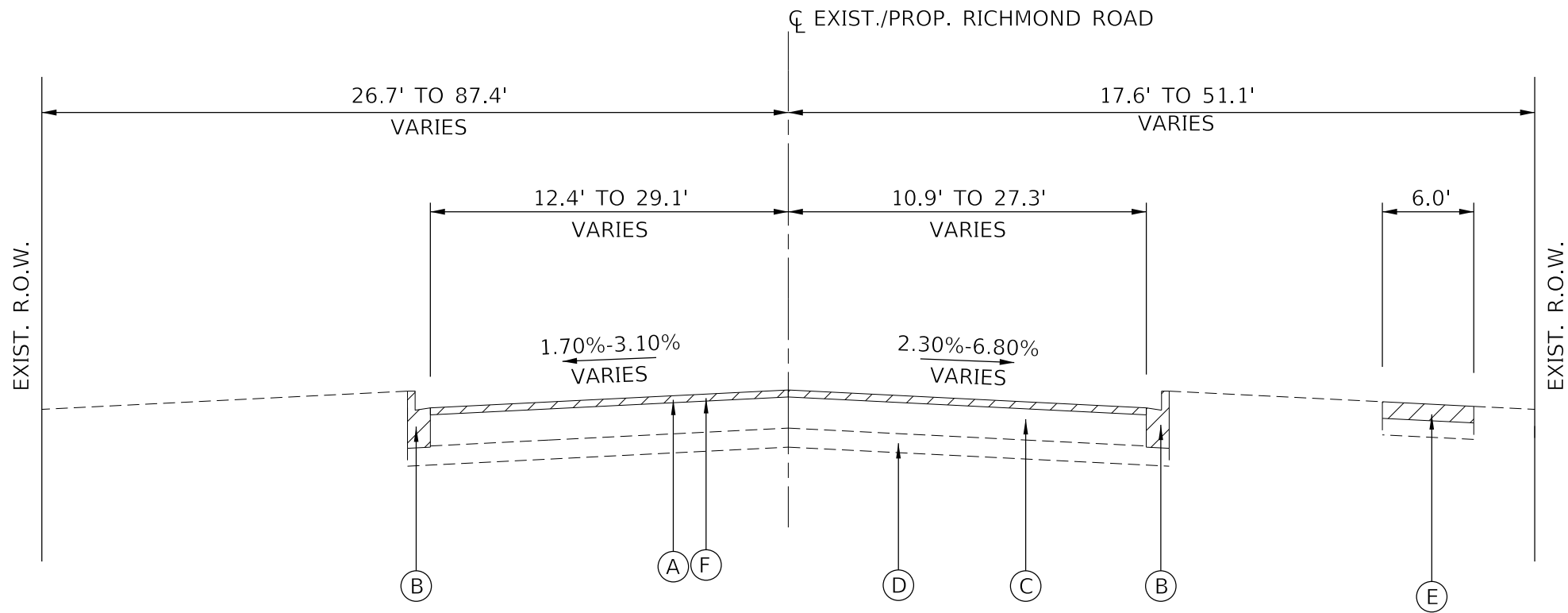
NOTE:

COMBINATION CURB AND GUTTER REMOVAL OR SIDEWALK REMOVAL TO BE DONE AT LOCATIONS AS SHOWN ON PLANS AND APPROVED BY THE ENGINEER. COMBINATION CURB AND GUTTER SHALL BE REPLACED WITH SAME TYPE AS REMOVED.

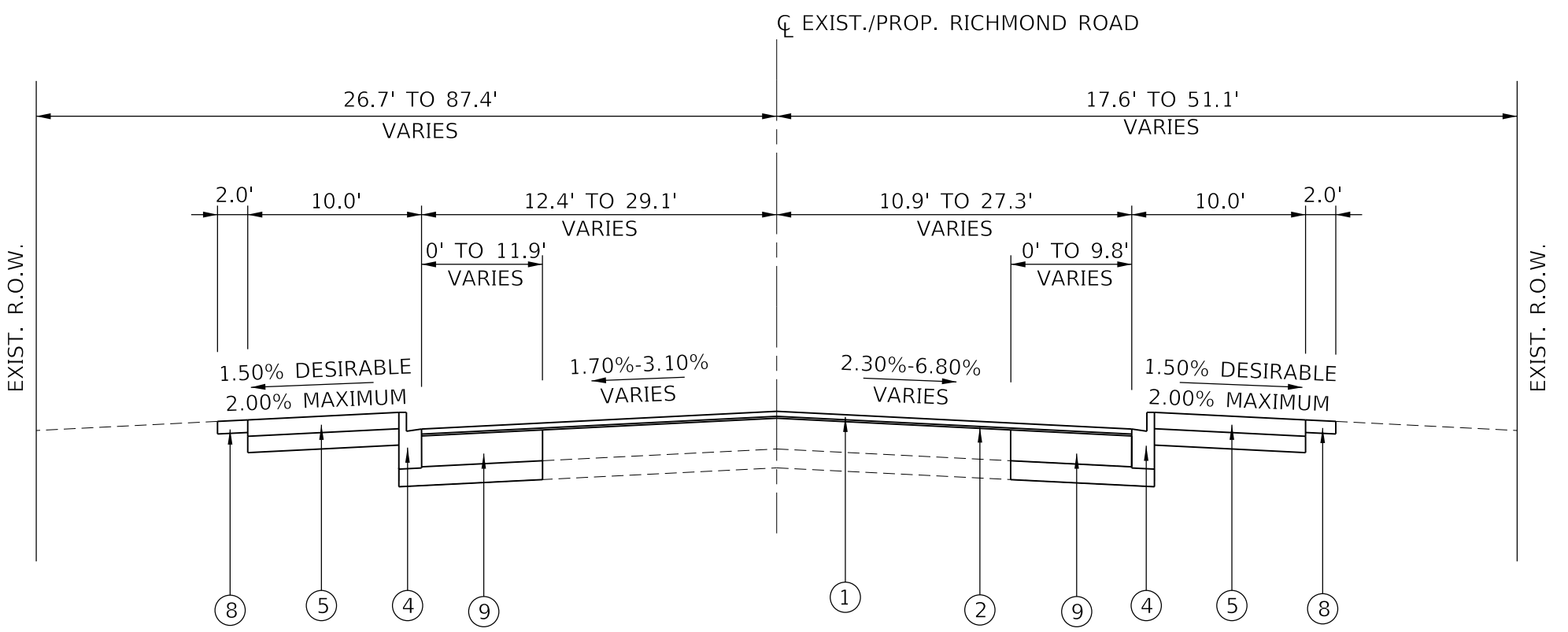
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		DATE - 11/5/2020	REVISED -

TYPICAL SECTIONS RICHMOND ROAD		F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 13
		CONTRACT NO. 61G87				
SCALE: N.T.S.	SHEET 5 OF 6 SHEETS	STA.	TO STA.			

TYPICAL SECTIONS RICHMOND ROAD		F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 13
		CONTRACT NO. 61G87				
		ILLINOIS FED. AID PROJECT				



**RICHMOND ROAD
EXISTING TYPICAL SECTION**
STA. 107+06.00 TO STA. 108+37.00



**RICHMOND ROAD
PROPOSED TYPICAL SECTION**
STA. 107+06.00 TO STA. 108+37.00

EXISTING LEGEND:

- (A)-EXISTING HMA PAVEMENT, VARIABLE DEPTH
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 12+57 TO STA. 21+00: VARIES 4½" TO 7¾"
 - STA. 21+00 TO STA. 31+00: VARIES 1½" TO 3¾"
 - STA. 31+00 TO STA. 40+15: VARIES 4½" TO 7¾"
- (B)-EXISTING CURB AND GUTTER
COMBINATION CURB AND GUTTER REMOVAL
(SEE NOTES 1 AND 2)
- (C)-EXISTING PCC BASE (8")
- (D)-EXISTING AGGREGATE BASE, VARIABLE DEPTH
 - STA. 11+31 TO STA. 12+57: VARIES 0" TO 4"
 - STA. 12+57 TO STA. 21+00: VARIES 5" TO 17"
 - STA. 21+00 TO STA. 31+00: VARIES 11¼" TO 13"
 - STA. 31+00 TO STA. 40+15: VARIES 5" TO 17"
 - RICHMOND ROAD:
- (E)-EXISTING PCC SIDEWALK
SIDEWALK REMOVAL (SEE NOTE 1)
- (F)-HOT-MIX ASPHALT SURFACE REMOVAL
 - STA. 10+43 TO STA. 11+31: 2"
 - STA. 11+31 TO STA. 21+00: 2¾"
 - STA. 31+00 TO STA. 40+15: 2¾"
 - RICHMOND ROAD: 2¾"
- (G)-PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 1"
- (H)-EXISTING HOT-MIX ASPHALT SURFACE WITH HOT-MIX ASPHALT
OR PORTLAND CEMENT CONCRETE BASE, (VARIES 9" TO 10½")
- (I)-PAVEMENT REMOVAL (SPECIAL) - (VARIES 3.5" TO 6.5")
- (J)-PAVEMENT REMOVAL

PROPOSED LEGEND:

- (1)-HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
- (2)-POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
 - STA. 10+43 TO STA. 11+31: 1"
 - STA. 11+31 TO STA. 12+57: ¾"
 - STA. 31+00 TO STA. 40+15: ¾"
 - RICHMOND ROAD RESURFACING: ¾"
 - RICHMOND ROAD WIDENING: 1"
- (3)-HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (3")
- (4)-COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (5)-PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B 4"
- (6)-PAVEMENT PATCHING (SPECIAL) (SEE NOTE 3)
- (7)-PREPARATION OF BASE
- (8)-TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
TEMPORARY EROSION CONTROL SEEDING
SUPPLEMENTAL WATERING
- (9)-PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9"
SUBBASE GRANULAR MATERIAL, TYPE B, 4"
 - STA. 107+06 TO STA. 107+77 (RT)
 - STA. 107+24 TO STA. 107+83 (LT)

- REMOVAL ITEM (SEE NOTE 1)

NOTE:

COMBINATION CURB AND GUTTER REMOVAL OR SIDEWALK REMOVAL TO BE DONE AT LOCATIONS AS SHOWN ON PLANS AND APPROVED BY THE ENGINEER. COMBINATION CURB AND GUTTER SHALL BE REPLACED WITH SAME TYPE AS REMOVED.

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5641	
TYPICAL SECTION	

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DRAWN - JKL	REVISD -
CHECKED - KLB	REVISD -
DATE - 11/5/2020	REVISD -

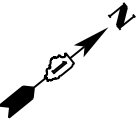
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CHECKED - KLB	REVISD -
DATE - 11/5/2020	REVISD -

DESIGNED - MJV	REVISD -
DRAWN - JKL	REVISD -
CHECKED - KLB	REVISD -
DATE - 11/5/2020	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

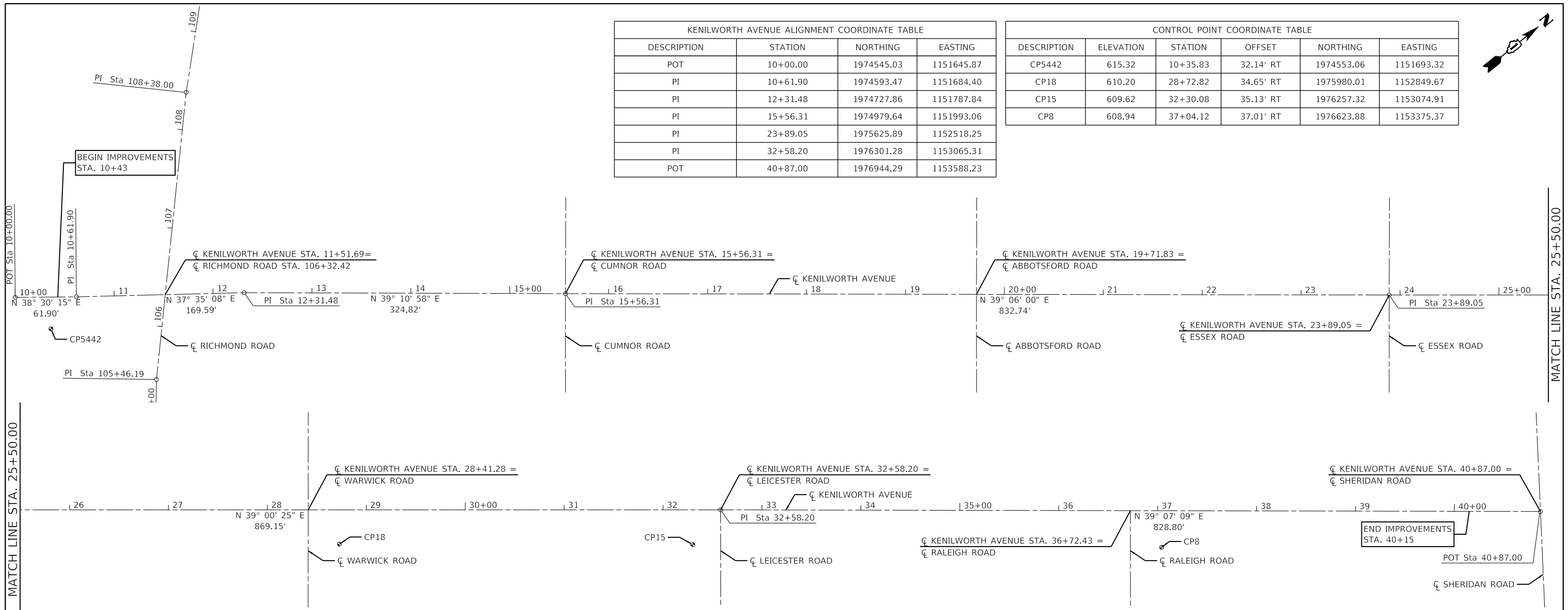
SCALE: N.T.S.	SHEET 6 OF 6 SHEETS	STA. TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	14
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				

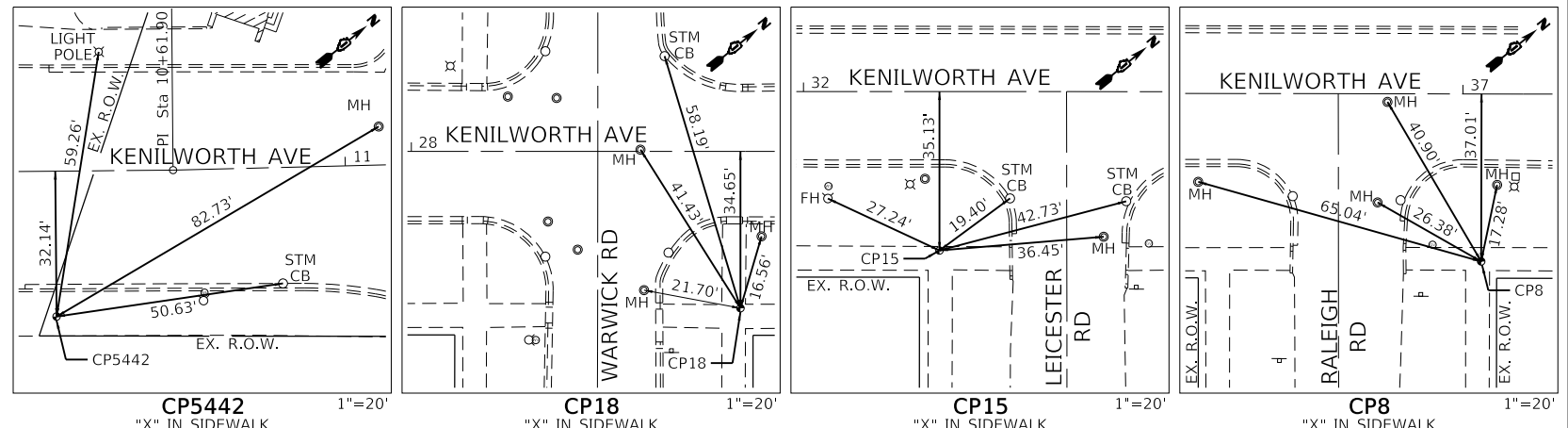


KENILWORTH AVENUE ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
POT	10+00.00	1974545.03	1151645.87
PI	10+61.90	1974593.47	1151684.40
PI	12+31.48	1974727.86	1151787.84
PI	15+56.31	1974979.64	1151993.06
PI	23+89.05	1975625.89	1152518.25
PI	32+58.20	1976301.28	1153065.31
POT	40+87.00	1976944.29	1153588.23

CONTROL POINT COORDINATE TABLE					
DESCRIPTION	ELEVATION	STATION	OFFSET	NORTHING	EASTING
CP5442	615.32	10+35.83	32.14' RT	1974553.06	1151693.32
CP18	610.20	28+72.82	34.65' RT	1975980.01	1152849.67
CP15	609.62	32+30.08	35.13' RT	1976257.32	1153074.91
CP8	608.94	37+04.12	37.01' RT	1976623.88	1153375.37



BENCHMARK:
 ELEVATIONS SHOWN HEREON ARE OBTAINED VIA GPS USING
 TRIMBLE VRS[®]NOW[™] (NO PUBLISHED MONUMENT VERIFIED)
 DATUM: NAVD88



GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL ALIGNMENT AND TIES
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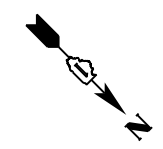
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ALIGNMENT AND TIES	PLOT DATE = 11/5/2020	DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARK
 KENILWORTH AVENUE**

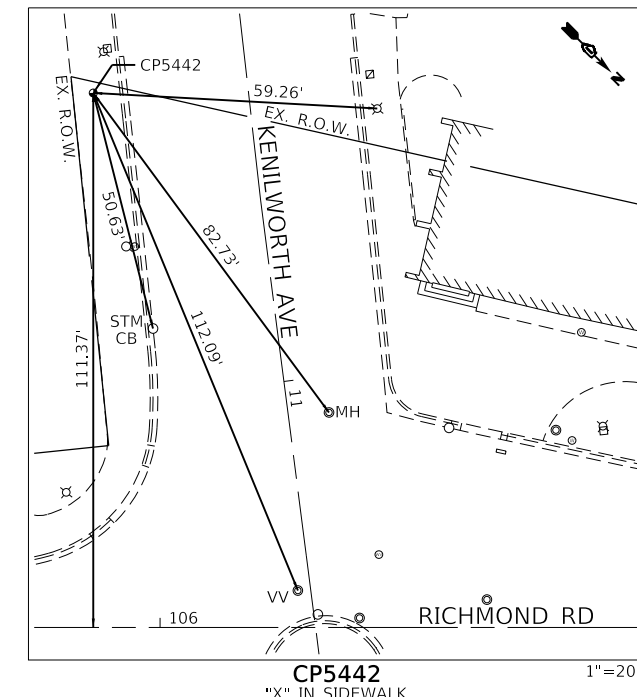
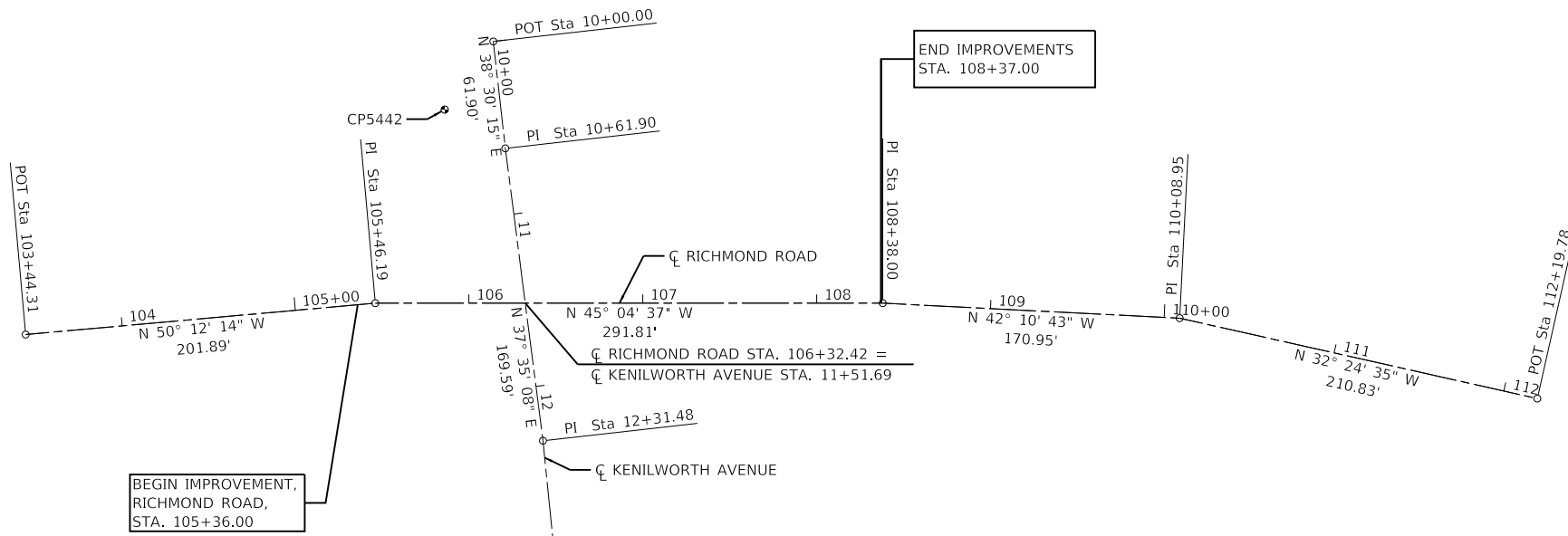
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	15
CONTRACT NO. 61G87			ILLINOIS FED. AID PROJECT	



KENILWORTH AVENUE ALIGNMENT COORDINATE TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
POT	103+44.31	1974474.52	1151955.34
PI	105+46.19	1974603.74	1151800.22
PI	108+38.00	1974809.80	1151593.61
PI	110+08.95	1974936.48	1151478.82
POT	112+19.78	1975114.48	1151365.82

CONTROL POINT COORDINATE TABLE					
DESCRIPTION	ELEVATION	STATION	OFFSET	NORTHING	EASTING
CP5442	615.32	105+86.09	111.37' LT	1974553.06	1151693.32



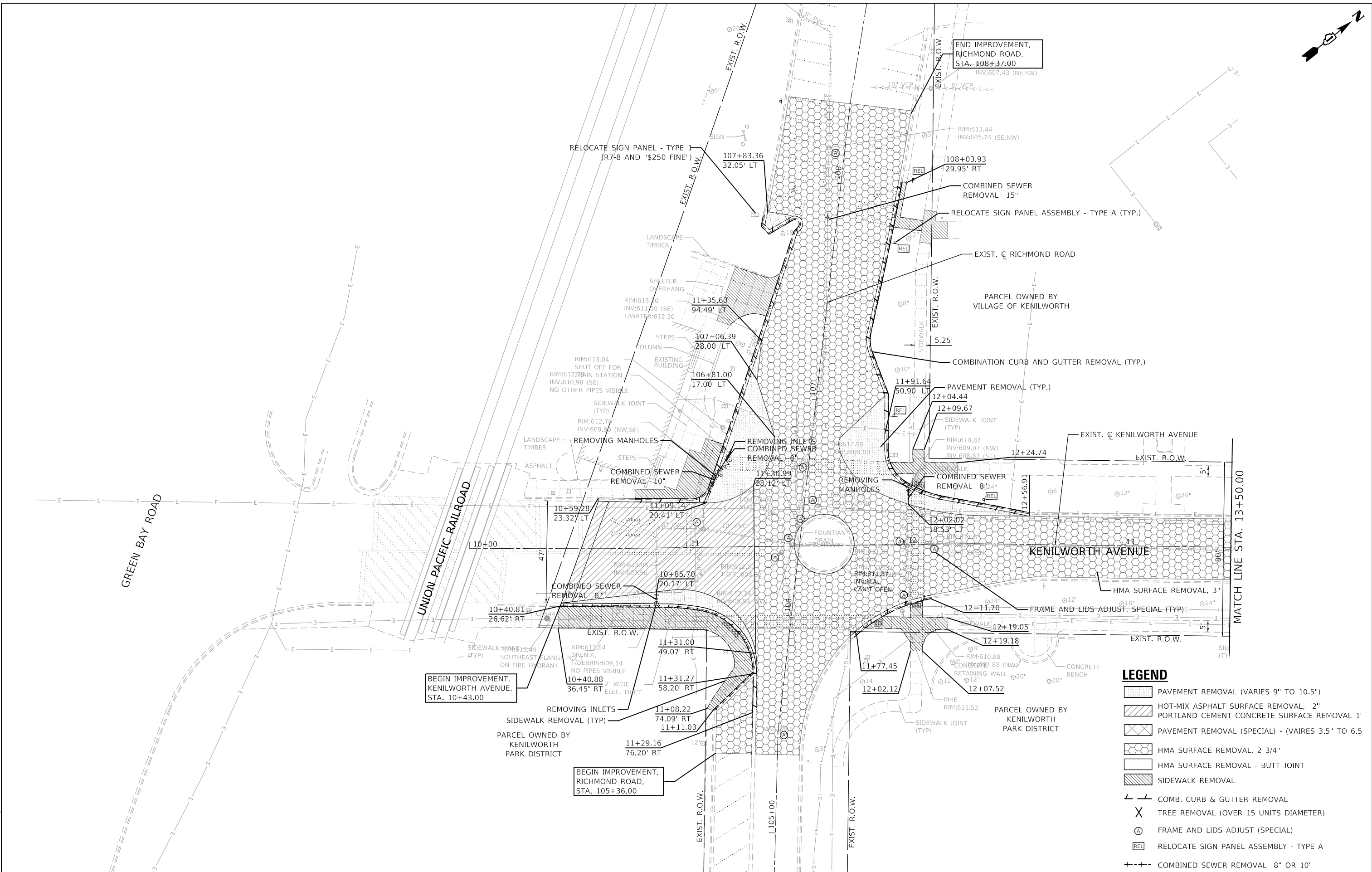
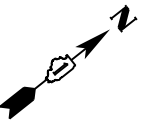
GHA GEWALT HAMILTON ASSOCIATES, INC.
MODEL, ALIGNMENT AND TIES
 FILE NAME: 5641-0000-sht-ATB 2.dgn

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ALIGNMENT AND TIES	PLOT DATE = 11/5/2020	DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARK			
RICHMOND ROAD			
SCALE: 1"=50'	SHEET 2 OF 2 SHEETS	STA. 104+00	TO STA. 111+24

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	16
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT REMOVAL (VARIES 9" TO 10.5")
- HOT-MIX ASPHALT SURFACE REMOVAL, 2" PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1"
- PAVEMENT REMOVAL (SPECIAL) - (VAIRES 3.5" TO 6.5)
- HMA SURFACE REMOVAL, 2 3/4"
- HMA SURFACE REMOVAL - BUTT JOINT
- SIDEWALK REMOVAL
- COMB. CURB & GUTTER REMOVAL
- TREE REMOVAL (OVER 15 UNITS DIAMETER)
- FRAME AND LIDS ADJUST (SPECIAL)
- RELOCATE SIGN PANEL ASSEMBLY - TYPE A
- COMBINED SEWER REMOVAL 8" OR 10"

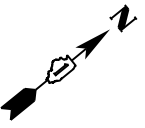
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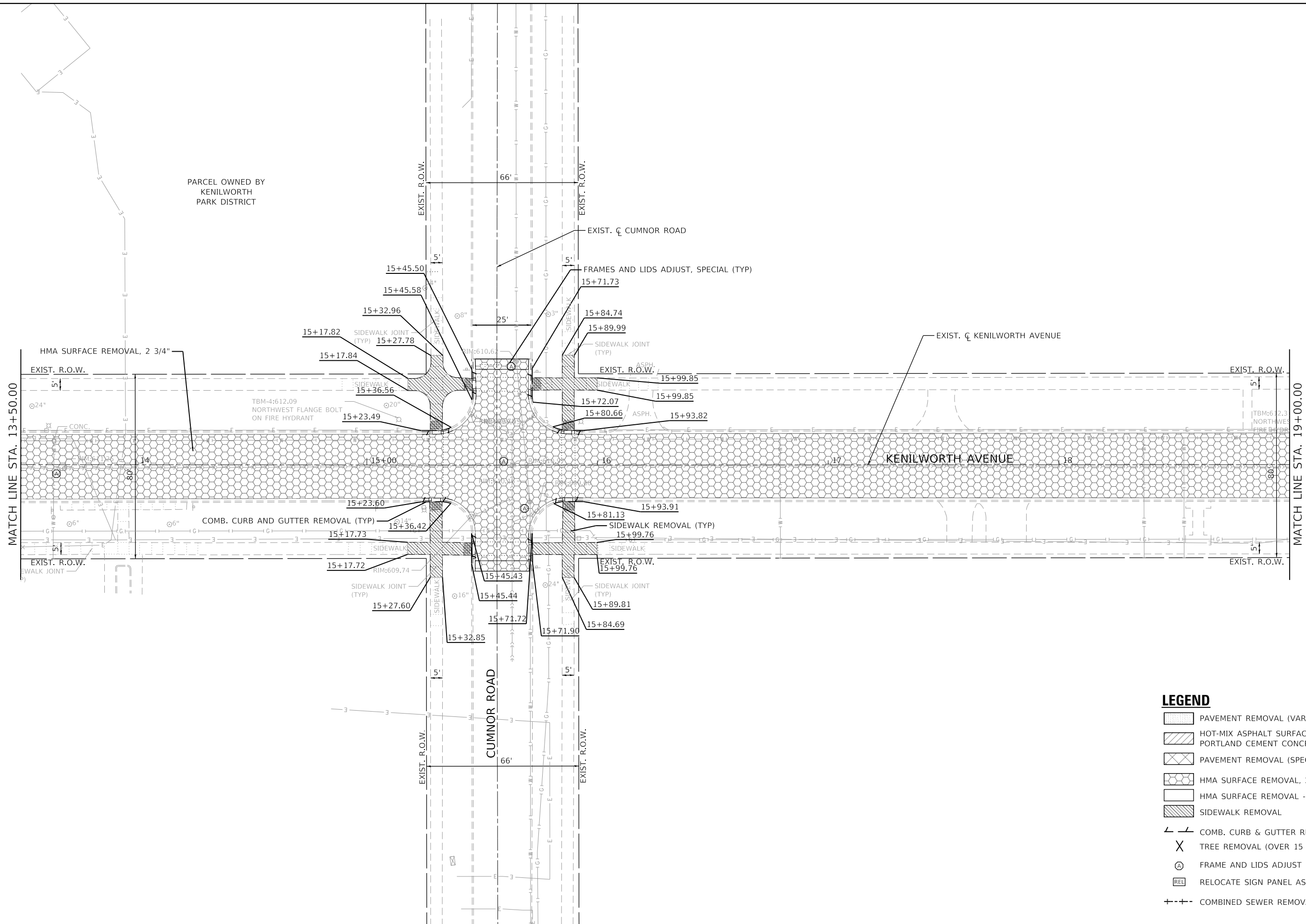
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN KENILWORTH AVENUE	
SCALE: 1"=20'	SHEET 1 OF 6 SHEETS
STA. 10+00	TO STA. 13+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	17
				CONTRACT NO. 61G87
ILLINOIS FED. AID PROJECT				



PARCEL OWNED BY
KENILWORTH
PARK DISTRICT



LEGEND

- PAVEMENT REMOVAL (VARIES 9" TO 10.5")
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1"
- PAVEMENT REMOVAL (SPECIAL) - (VAIRES 3.5" TO 6.5")
- HMA SURFACE REMOVAL, 2 3/4"
- HMA SURFACE REMOVAL - BUTT JOINT
- SIDEWALK REMOVAL
- COMB. CURB & GUTTER REMOVAL
- TREE REMOVAL (OVER 15 UNITS DIAMETER)
- FRAME AND LIDS ADJUST (SPECIAL)
- RELOCATE SIGN PANEL ASSEMBLY - TYPE A
- COMBINED SEWER REMOVAL 8" OR 10"

GHA GEWALT HAMILTON ASSOCIATES, INC.

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DRAWN - PJS
PLOT SCALE = 1:20
CHECKED - KLB
DATE = 11/5/2020
REMOVED

DESIGNED - MJV
DRAWN - PJS
CHECKED - KLB
DATE = 11/5/2020

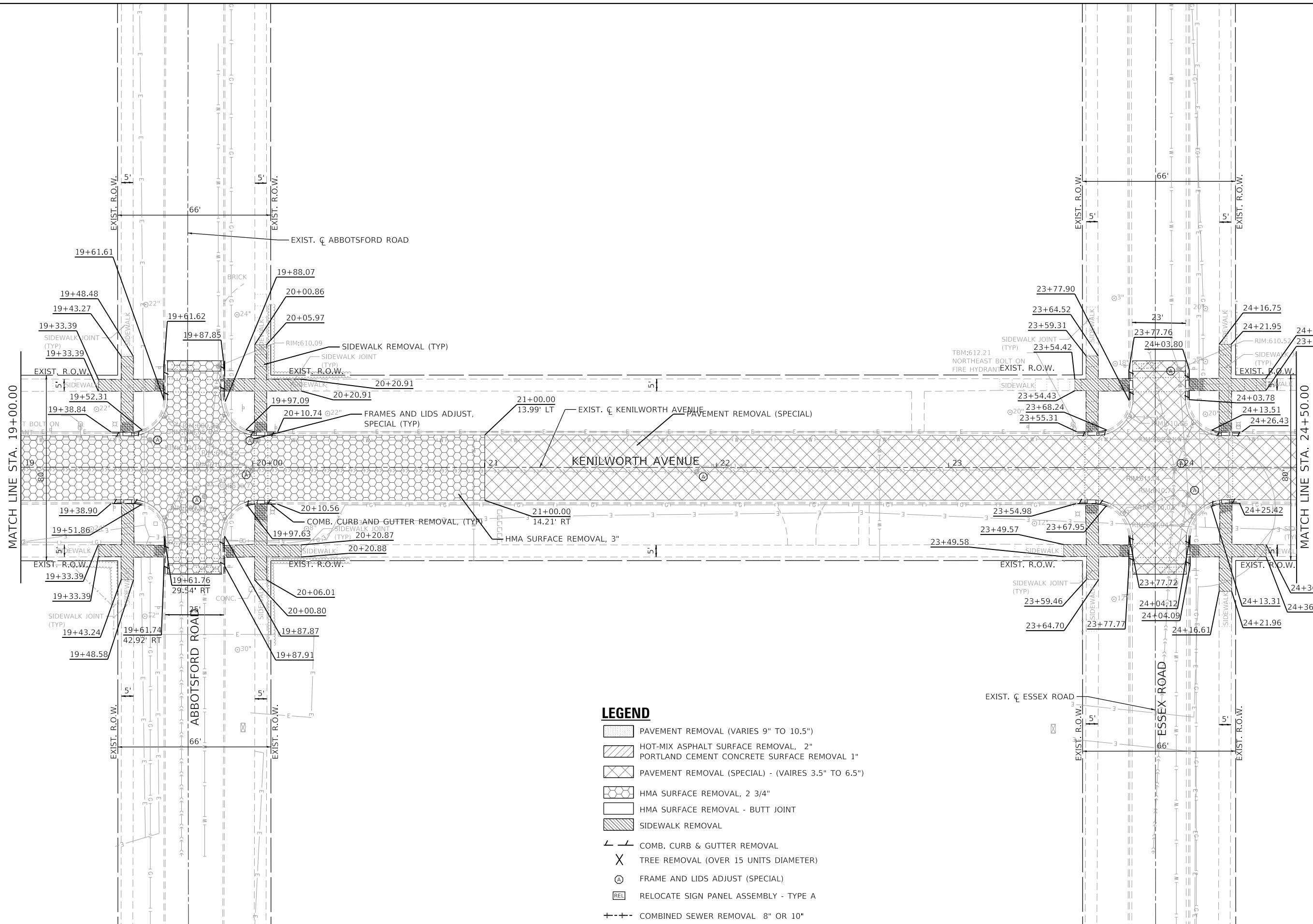
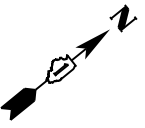
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
KENILWORTH AVENUE**

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 13+50 TO STA. 19+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	18
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



LEGEND

-

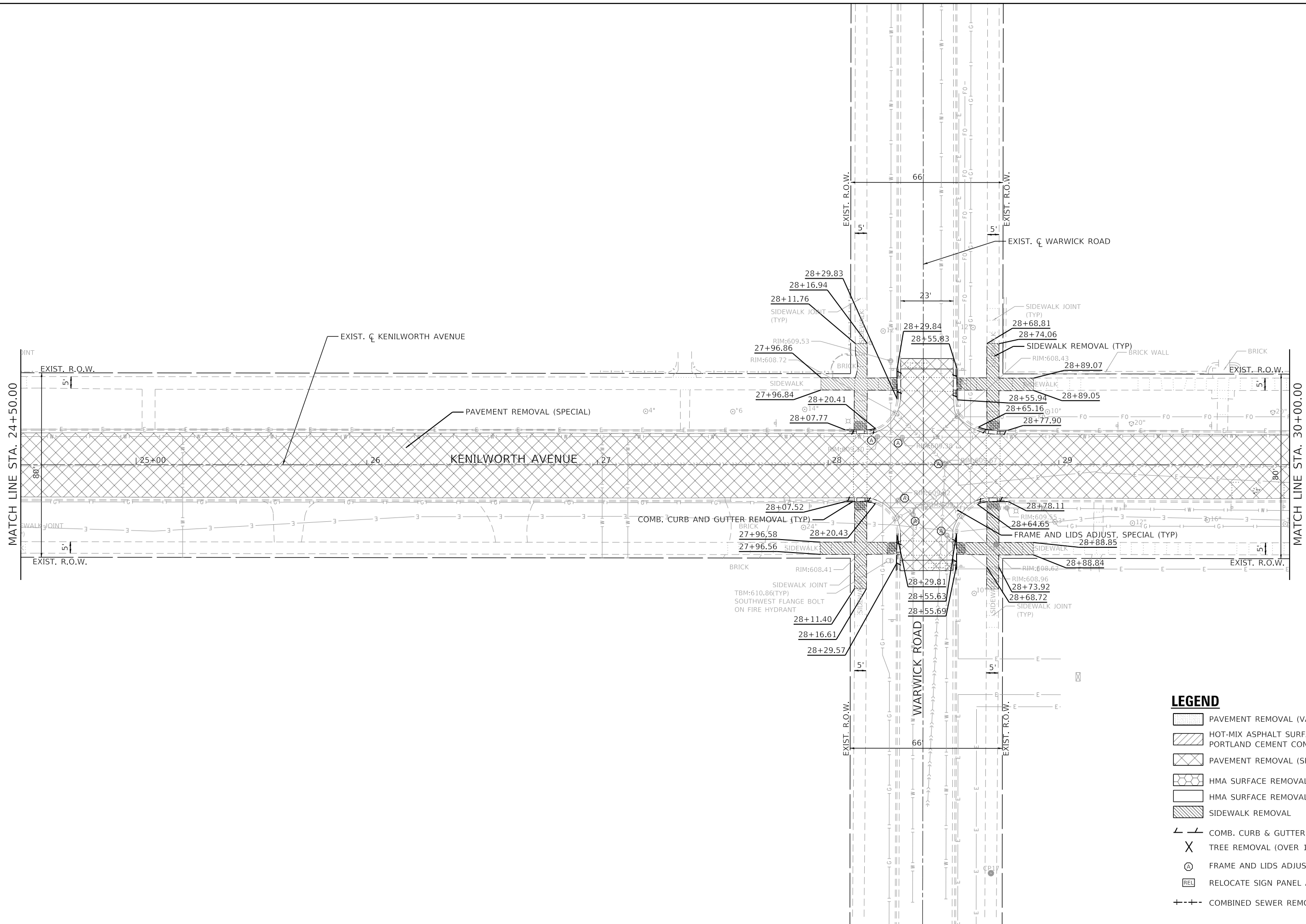
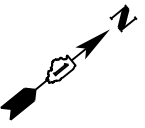
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REMOVAL	PLOT DATE = 11/5/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN	
KENILWORTH AVENUE	
SCALE: 1"=20'	SHEET 3 OF 6 SHEETS
STA. 19+00	TO STA. 24+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	19
CONTRACT NO. 61G87				
<small>ILLINOIS FED. AID PROJECT</small>				



LEGEND

- PAVEMENT REMOVAL (VARIES 9" TO 10.5")
- HOT-MIX ASPHALT SURFACE REMOVAL, 2" PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1"
- PAVEMENT REMOVAL (SPECIAL) - (VAIRES 3.5" TO 6.5")
- HMA SURFACE REMOVAL, 2 3/4"
- HMA SURFACE REMOVAL - BUTT JOINT
- SIDEWALK REMOVAL
- COMB. CURB & GUTTER REMOVAL
- TREE REMOVAL (OVER 15 UNITS DIAMETER)
- FRAME AND LIDS ADJUST (SPECIAL)
- RELOCATE SIGN PANEL ASSEMBLY - TYPE A
- COMBINED SEWER REMOVAL 8" OR 10"

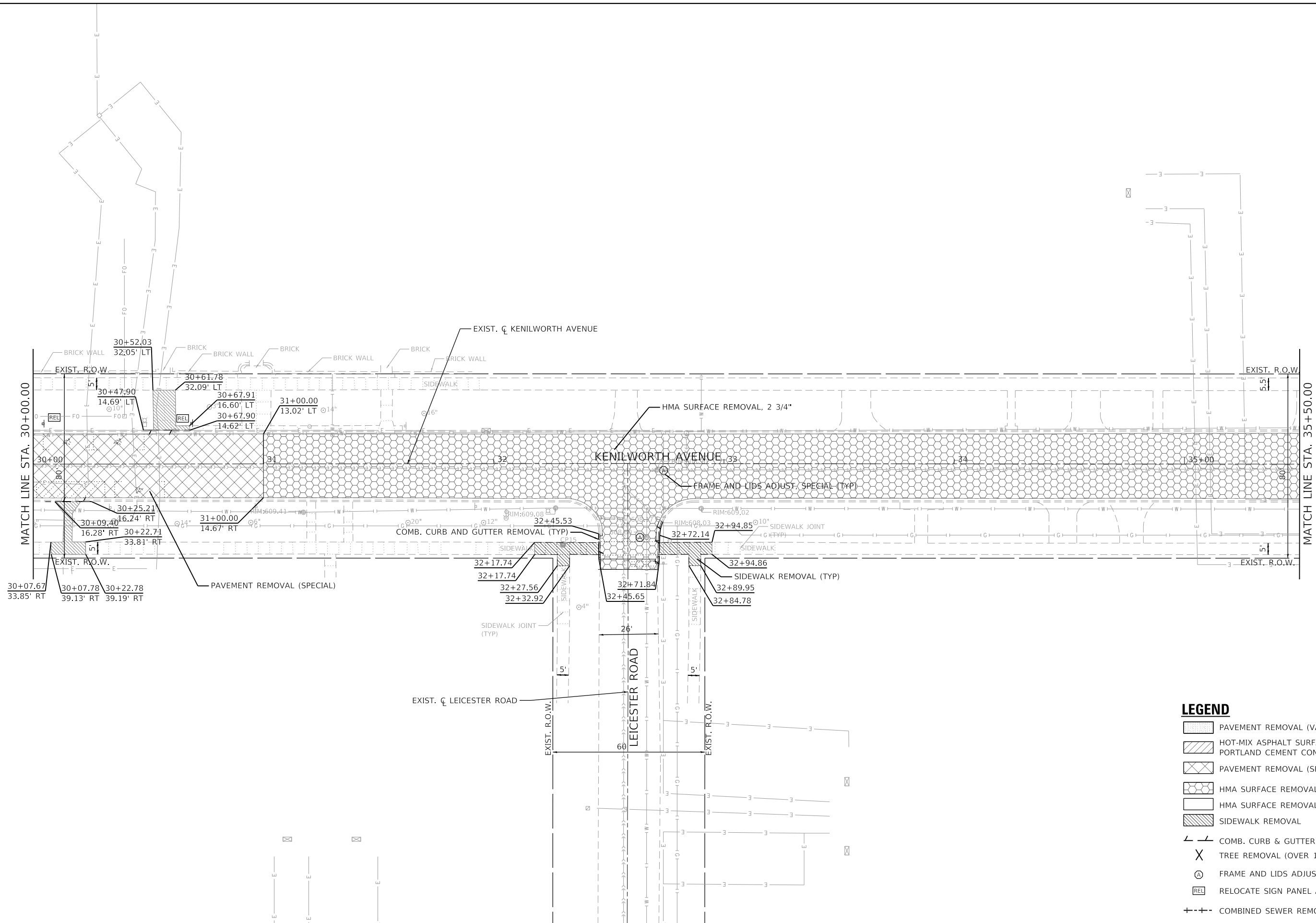
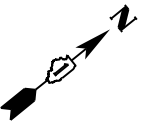
GHA GEWALT HAMILTON ASSOCIATES, INC.
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REMOVAL	PLOT DATE = 11/5/2020	DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN	
KENILWORTH AVENUE	
SCALE: 1"=20'	SHEET 4 OF 6 SHEETS
STA. 24+50	TO STA. 30+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	20
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PAVEMENT REMOVAL (VARIES 9" TO 10.5")
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1"
 - PAVEMENT REMOVAL (SPECIAL) - (VAIRES 3.5" TO 6.5")
 - HMA SURFACE REMOVAL, 2 3/4"
 - HMA SURFACE REMOVAL - BUTT JOINT
 - SIDEWALK REMOVAL
 - COMB. CURB & GUTTER REMOVAL
 - TREE REMOVAL (OVER 15 UNITS DIAMETER)
 - FRAME AND LIDS ADJUST (SPECIAL)
 - RELOCATE SIGN PANEL ASSEMBLY - TYPE A
 - COMBINED SEWER REMOVAL 8" OR 10"

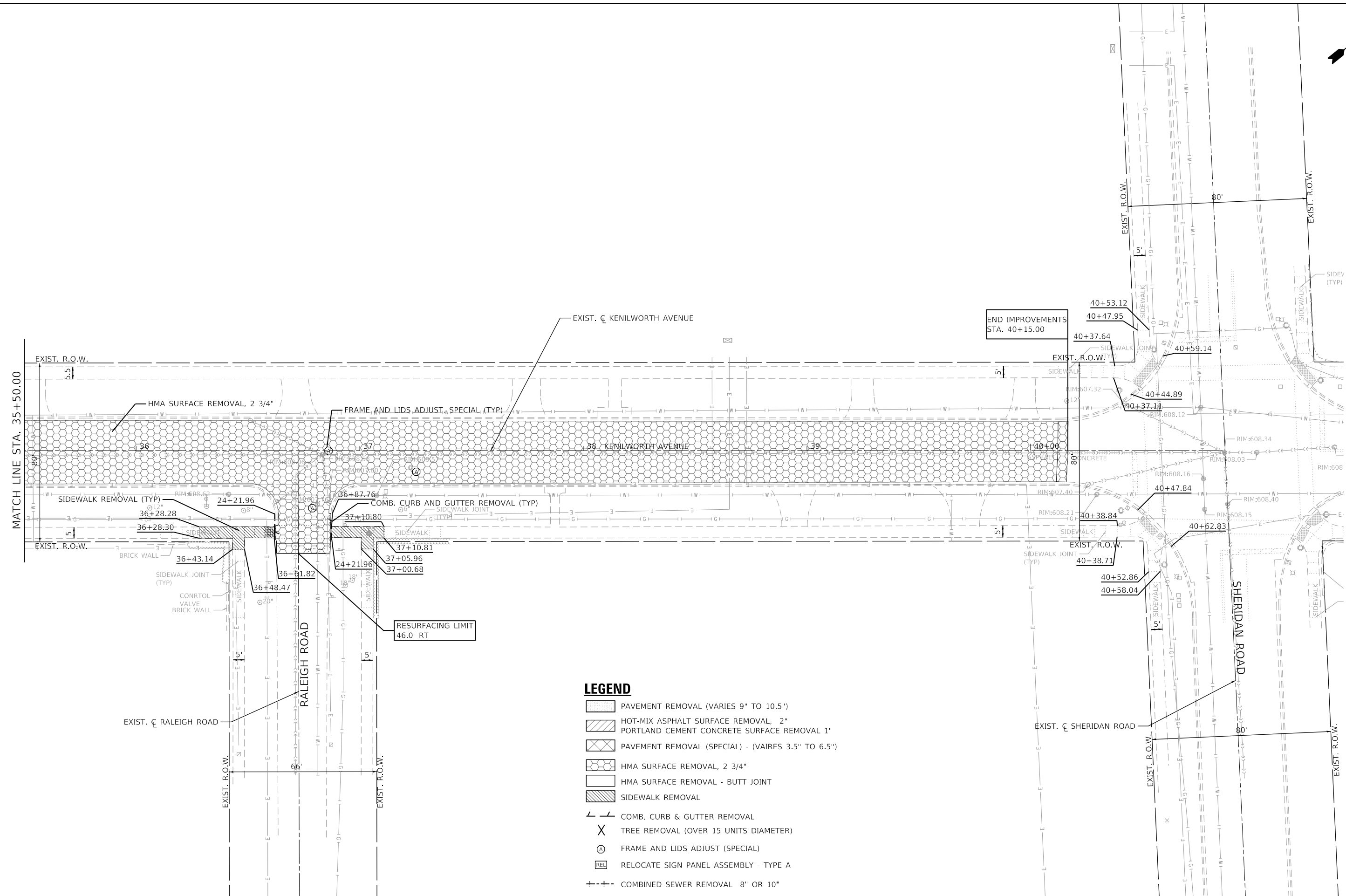
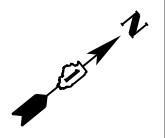
GHA GEWALT HAMILTON ASSOCIATES, INC.
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REMOVAL	PLOT SCALE = 1:20	CHECKED - KLB	REVISED -
	PLOT DATE = 11/6/2020	DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN	
KENILWORTH AVENUE	
SCALE: 1"=20'	SHEET 5 OF 6 SHEETS
STA. 30+00	TO STA. 35+50

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 21
			CONTRACT NO. 61G87	
ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT REMOVAL (VARIES 9" TO 10.5")
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1"
- PAVEMENT REMOVAL (SPECIAL) - (VAIRES 3.5" TO 6.5")
- HMA SURFACE REMOVAL, 2 3/4"
- HMA SURFACE REMOVAL - BUTT JOINT
- SIDEWALK REMOVAL
- COMB. CURB & GUTTER REMOVAL
- TREE REMOVAL (OVER 15 UNITS DIAMETER)
- FRAME AND LIDS ADJUST (SPECIAL)
- RELOCATE SIGN PANEL ASSEMBLY - TYPE A
- COMBINED SEWER REMOVAL 8" OR 10"

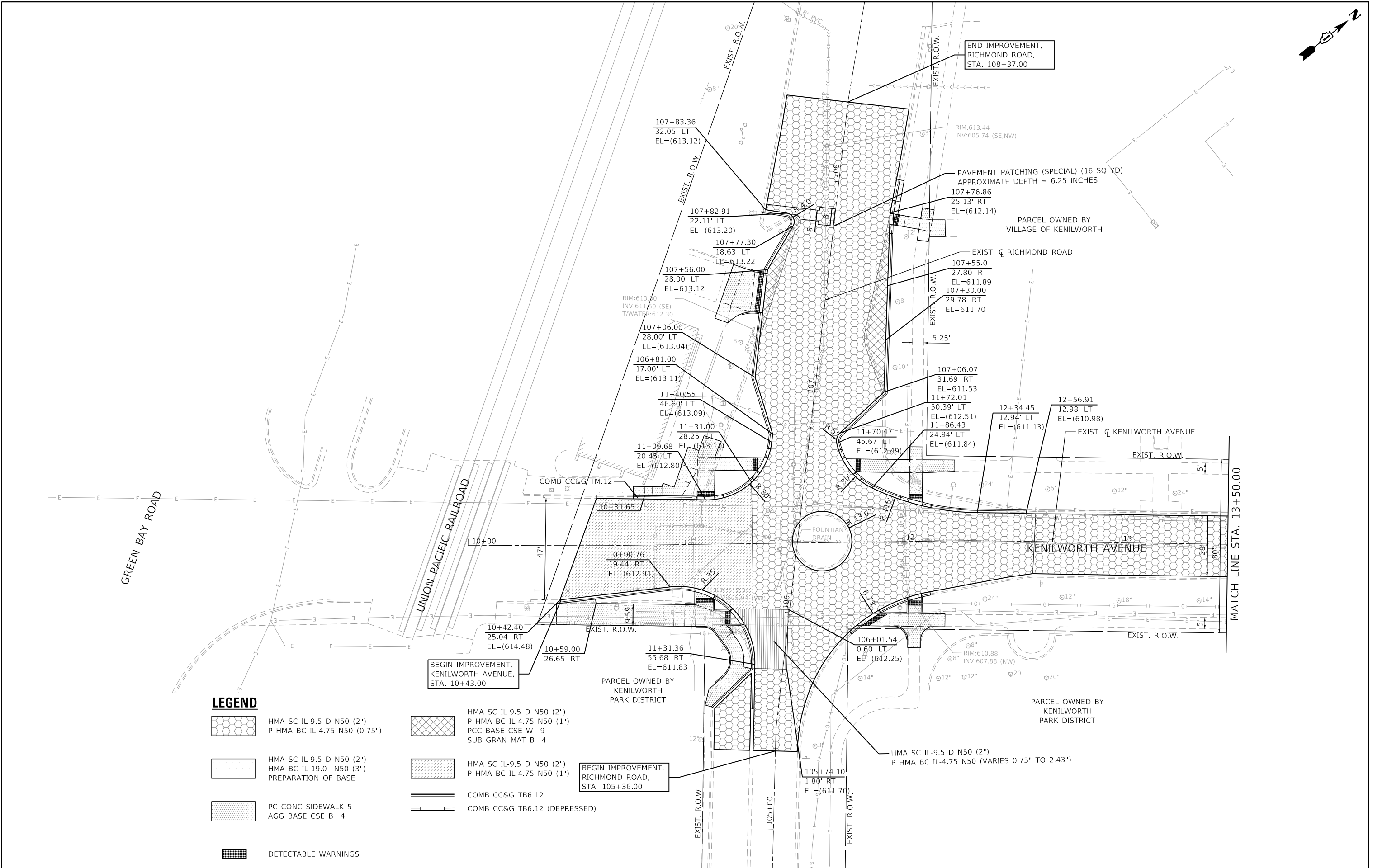
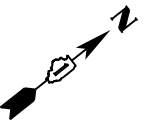
GHA GEWALT HAMILTON ASSOCIATES, INC.
MODEL: REMOVAL
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REMOVAL	PLOT DATE = 11/5/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN	
KENILWORTH AVENUE	
SCALE: 1"=20'	SHEET 6 OF 6 SHEETS
STA. 35+50	TO STA. 40+87

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 22
CONTRACT NO. 61G87				
<small>ILLINOIS FED. AID PROJECT</small>				



LEGEND

- | | | | |
|--|-------------------------------|--|------------------------------|
| | HMA SC IL-9.5 D N50 (2'') | | P HMA BC IL-4.75 N50 (1'') |
| | P HMA BC IL-4.75 N50 (0.75'') | | PCC BASE CSE W 9 |
| | SUB GRAN MAT B 4 | | HMA SC IL-9.5 D N50 (2'') |
| | HMA SC IL-9.5 D N50 (2'') | | P HMA BC IL-4.75 N50 (1'') |
| | HMA BC IL-19.0 N50 (3'') | | PREPARATION OF BASE |
| | PC CONC SIDEWALK 5 | | AGG BASE CSE B 4 |
| | AGG BASE CSE B 4 | | COMB CC&G TB6.12 |
| | DETECTABLE WARNINGS | | COMB CC&G TB6.12 (DEPRESSED) |

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL PLAN
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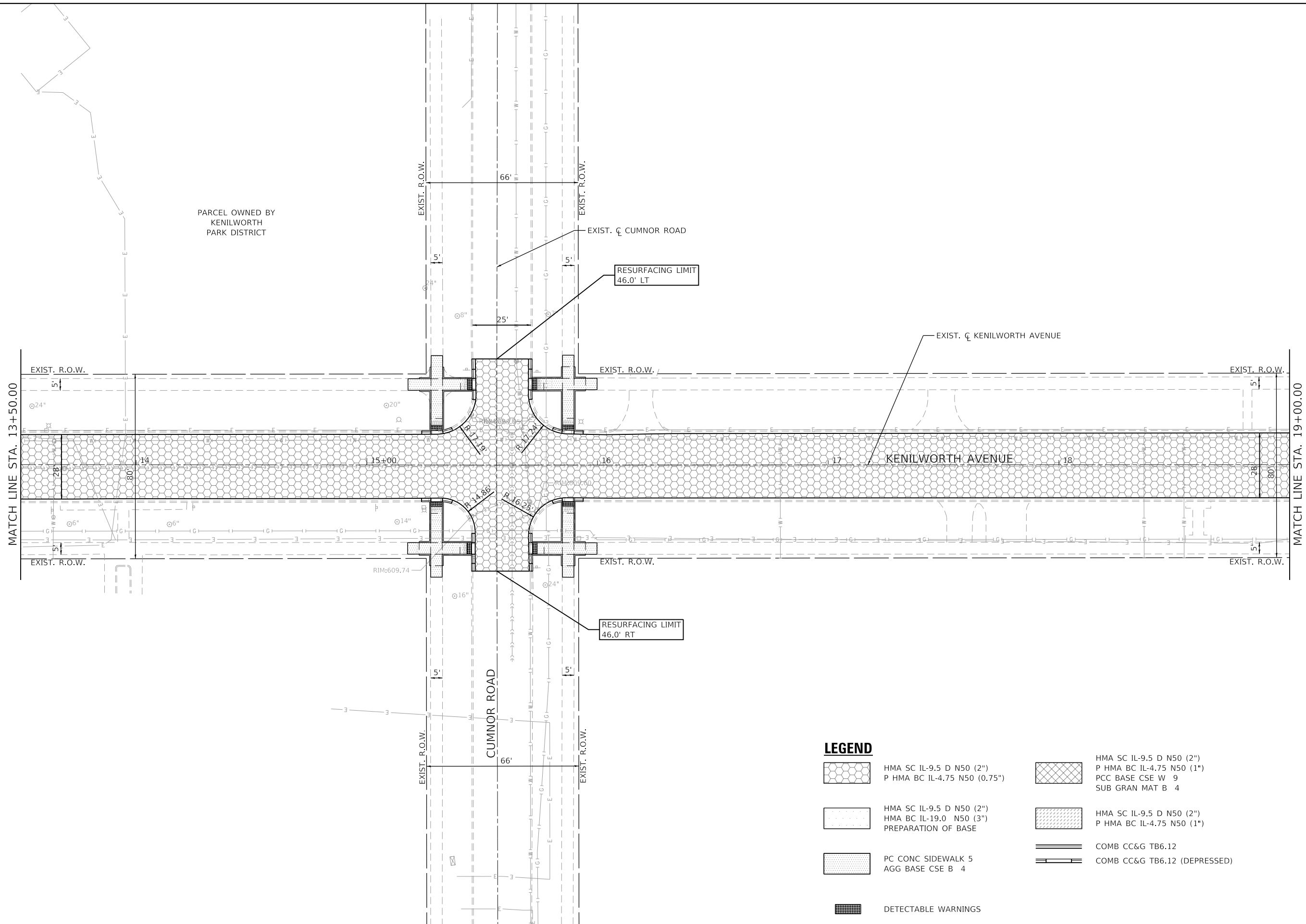
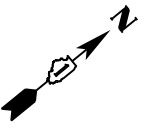
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PLAN	PLOT DATE = 11/5/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



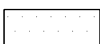





**PROPOSED IMPROVEMENT PLAN
 KENILWORTH AVENUE**

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 10+00 TO STA. 13+50

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 23
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



LEGEND

-  HMA SC IL-9.5 D N50 (2")
P HMA BC IL-4.75 N50 (0.75")
-  HMA SC IL-9.5 D N50 (2")
P HMA BC IL-4.75 N50 (1")
PCC BASE CSE W 9
SUB GRAN MAT B 4
-  HMA SC IL-9.5 D N50 (2")
HMA BC IL-19.0 N50 (3")
PREPARATION OF BASE
-  HMA SC IL-9.5 D N50 (2")
P HMA BC IL-4.75 N50 (1")
-  PC CONC SIDEWALK 5
AGG BASE CSE B 4
-  COMB CC&G TB6.12
-  COMB CC&G TB6.12 (DEPRESSED)
-  DETECTABLE WARNINGS

GHA GEWALT HAMILTON ASSOCIATES, INC.

MODEL: Default
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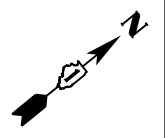
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Default		CHECKED - KLB	REVISED -
	PLOT SCALE = 1:20	DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED IMPROVEMENT PLAN
KENILWORTH AVENUE**

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 13+50 TO STA. 19+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	24
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



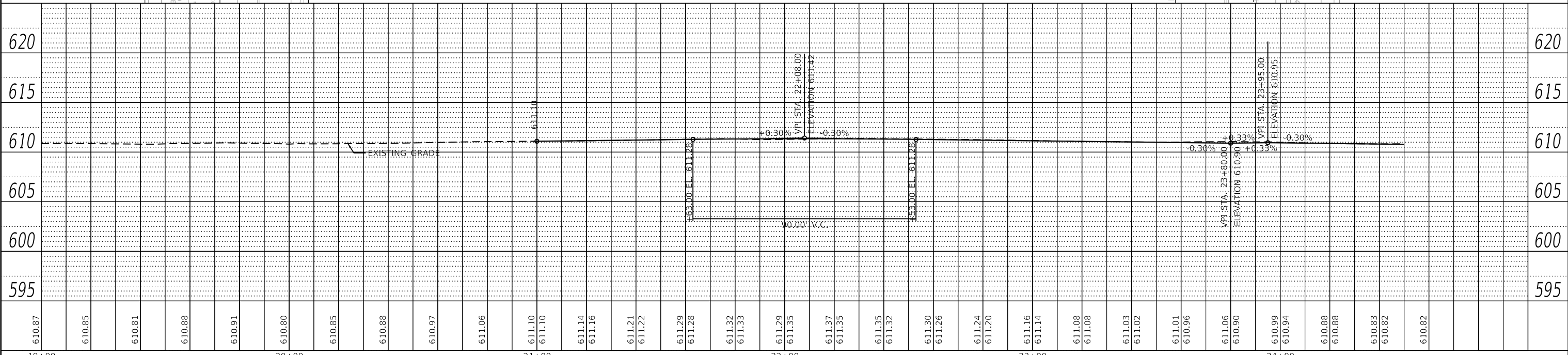
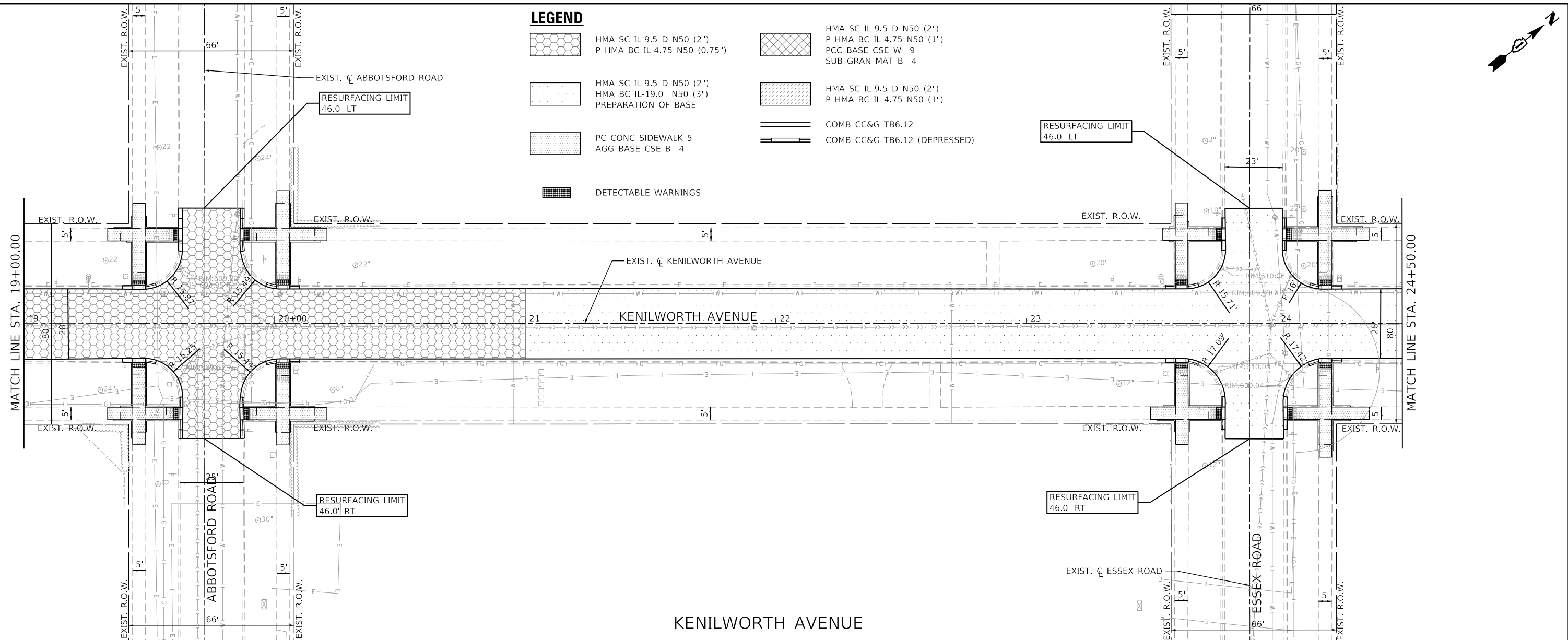
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NO.	

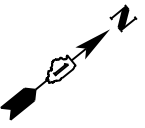
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 5641-0000-sht-plan 3.dgn

LEGEND

- HMA SC IL-9.5 D N50 (2")
P HMA BC IL-4.75 N50 (0.75")
- HMA SC IL-9.5 D N50 (2")
HMA BC IL-19.0 N50 (3")
PREPARATION OF BASE
- PC CONC SIDEWALK 5
AGG BASE CSE B 4
- DETECTABLE WARNINGS
- HMA SC IL-9.5 D N50 (2")
P HMA BC IL-4.75 N50 (1")
- HMA SC IL-9.5 D N50 (2")
P HMA BC IL-4.75 N50 (1")
- COMB CC&G TB6.12
- COMB CC&G TB6.12 (DEPRESSED)



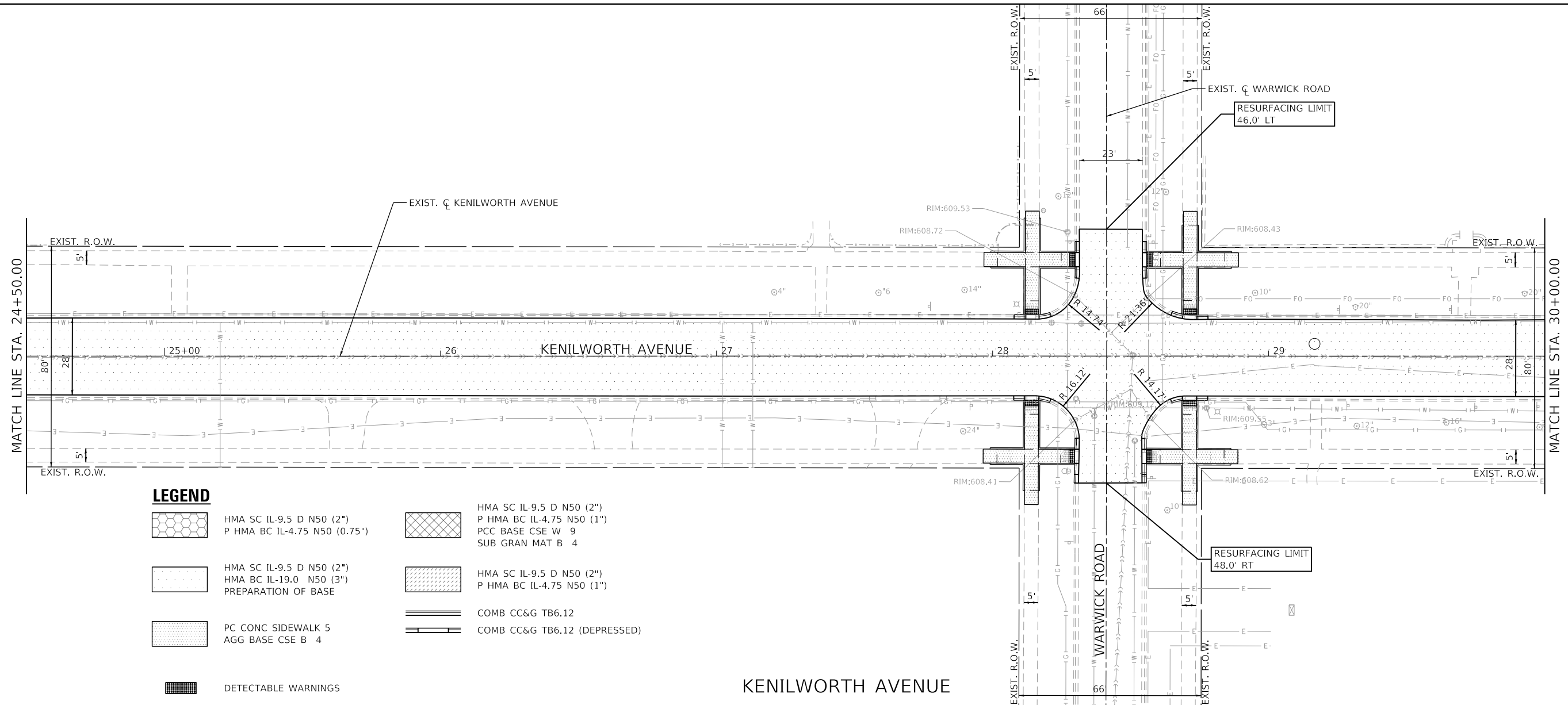
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5641-0000-sht-plan 3.dgn		DRAWN - PJS	REVISED -		KENILWORTH AVENUE				1669	17-00034-00-R5	COOK	74	25
5641		CHECKED - KLB	REVISED -		SCALE: 1"=20'				CONTRACT NO. 61G87				
Default		DATE - 11/5/2020	REVISED -		SHEET 3 OF 6 SHEETS				STA. 19+00 TO STA. 24+50				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

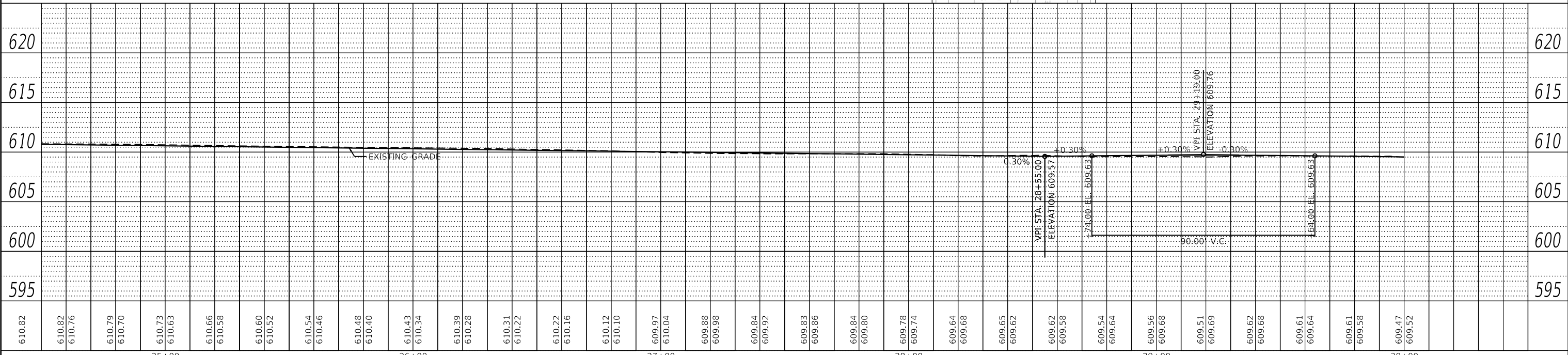
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	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 5641-0000-sht-plan 4.dgn



LEGEND

- HMA SC IL-9.5 D N50 (2'')
- P HMA BC IL-4.75 N50 (0.75'')
- HMA SC IL-9.5 D N50 (2'')
- HMA BC IL-19.0 N50 (3'')
- PREPARATION OF BASE
- PC CONC SIDEWALK 5
- AGG BASE CSE B 4
- DETECTABLE WARNINGS
- P HMA BC IL-4.75 N50 (1'')
- PCC BASE CSE W 9
- SUB GRAN MAT B 4
- HMA SC IL-9.5 D N50 (2'')
- P HMA BC IL-4.75 N50 (1'')
- COMB CC&G TB6.12
- COMB CC&G TB6.12 (DEPRESSED)



FILE NAME =	USER NAME = mvasak	DESIGNED - MJV	REVISED -
5641-0000-sht-plan 4.dgn		DRAWN - PJS	REVISED -
5641		CHECKED - KLB	REVISED -
Default		DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED IMPROVEMENT PLAN & PROFILE			
KENILWORTH AVENUE			
SCALE: 1"=20'	SHEET 4 OF 6 SHEETS	STA. 24+50	TO STA. 30+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	26
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				

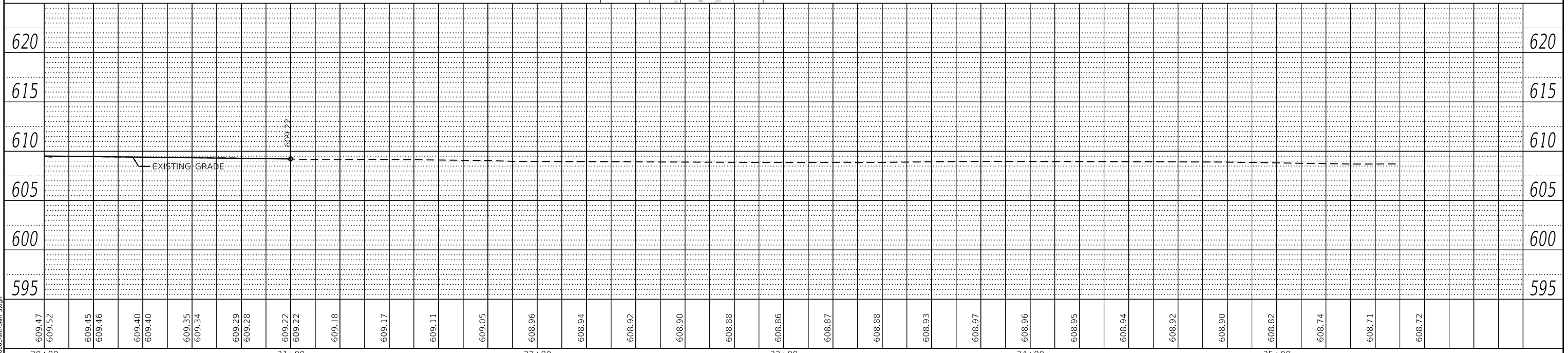
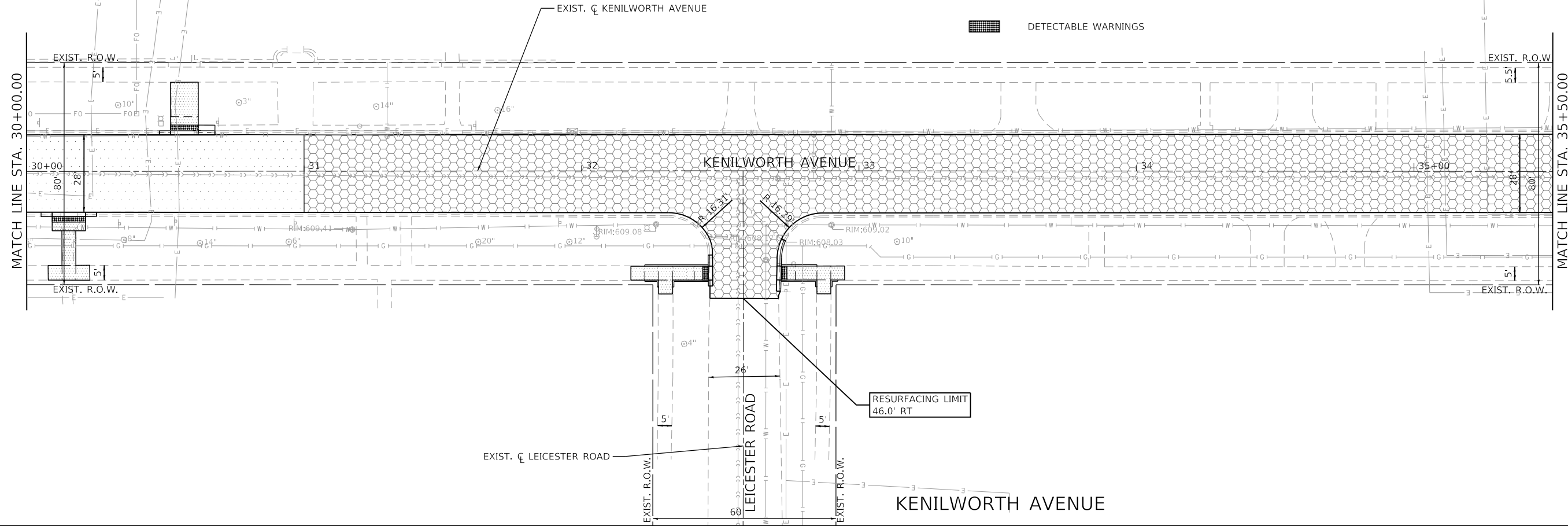
PLAN	SURVEYED	DATE
	PLOTTED	
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	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: Default
 FILE NAME: 5641-0000-sht-plan_5.dgn

LEGEND

- HMA SC IL-9.5 D N50 (2")
- P HMA BC IL-4.75 N50 (0.75")
- HMA SC IL-9.5 D N50 (2")
- HMA BC IL-19.0 N50 (3")
- PREPARATION OF BASE
- PC CONC SIDEWALK 5
- AGG BASE CSE B 4
- DETECTABLE WARNINGS
- HMA SC IL-9.5 D N50 (2")
- P HMA BC IL-4.75 N50 (1")
- PCC BASE CSE W 9
- SUB GRAN MAT B 4
- HMA SC IL-9.5 D N50 (2")
- P HMA BC IL-4.75 N50 (1")
- COMB CC&G TB6.12
- COMB CC&G TB6.12 (DEPRESSED)

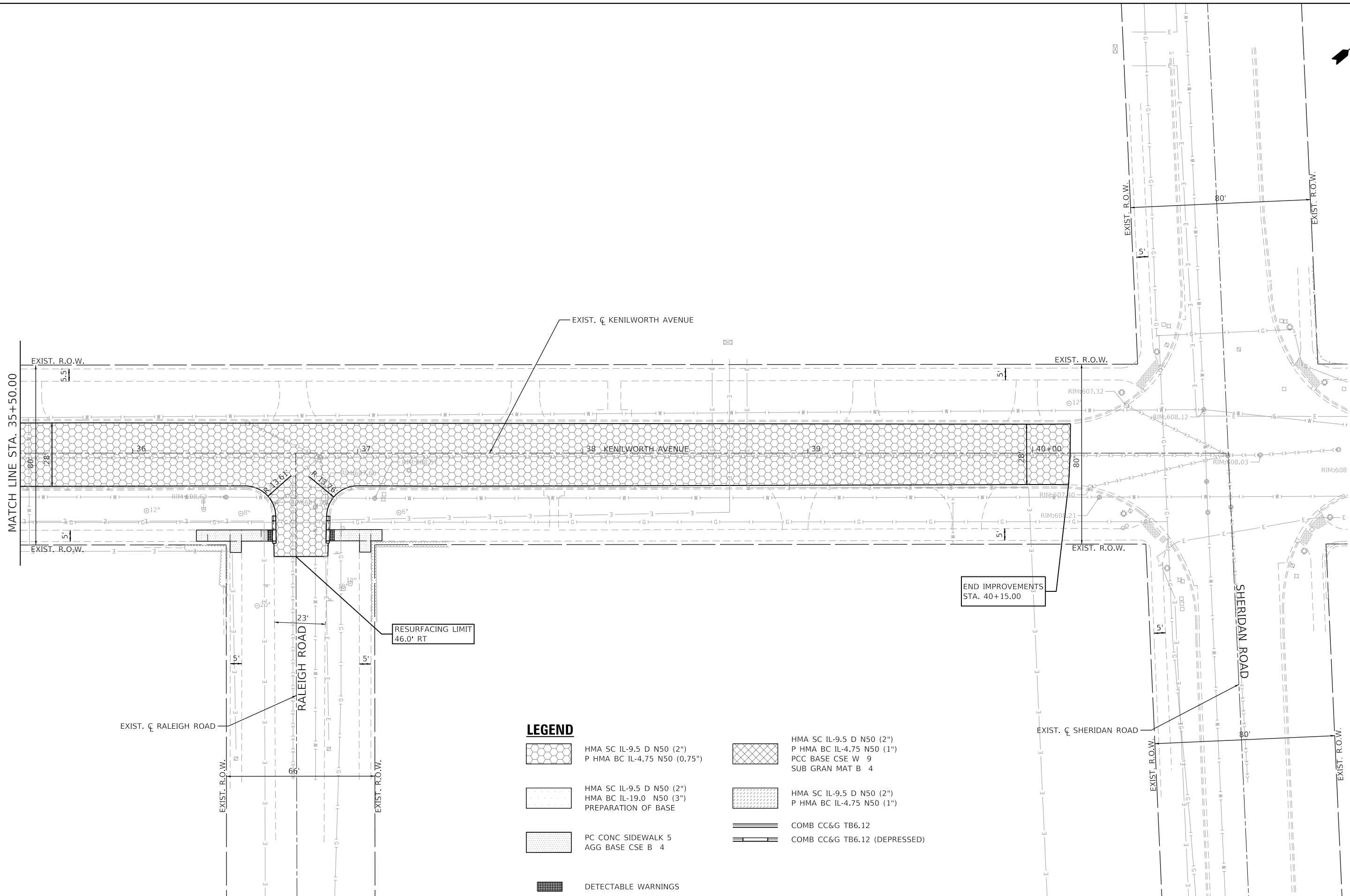
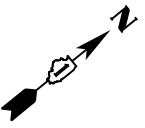


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Default		DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED IMPROVEMENT PLAN & PROFILE			
KENILWORTH AVENUE			
SCALE: 1"=20'	SHEET 5 OF 6 SHEETS	STA. 30+00	TO STA. 35+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	27
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



LEGEND

- HMA SC IL-9.5 D N50 (2'')
- P HMA BC IL-4.75 N50 (0.75'')
- HMA SC IL-9.5 D N50 (2'')
- P HMA BC IL-4.75 N50 (1'')
- PCC BASE CSE W 9
- SUB GRAN MAT B 4
- HMA SC IL-9.5 D N50 (2'')
- P HMA BC IL-4.75 N50 (1'')
- COMB CC&G TB6.12
- COMB CC&G TB6.12 (DEPRESSED)
- PC CONC SIDEWALK 5
- AGG BASE CSE B 4
- DETECTABLE WARNINGS

RESURFACING LIMIT
46.0' RT

END IMPROVEMENTS
STA. 40+15.00



MODEL PLAN
FILE NAME: 5641-0000-sht-plan_6.dgn

FILE NAME =	5641-0000-sht-plan_6.dgn
USER NAME =	mvasak
DESIGNED -	MJV
DRAWN -	PJS
PLOT SCALE =	1:20
CHECKED -	KLB
DATE =	11/5/2020

DESIGNED -	MJV	REVISED -	
DRAWN -	PJS	REVISED -	
CHECKED -	KLB	REVISED -	
DATE =	11/5/2020	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED IMPROVEMENT PLAN
KENILWORTH AVENUE**

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 35+50 TO STA. 40+87

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	28
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. NO WORK SHALL BEGIN UNTIL THE TRAFFIC CONTROL MEASURES ARE IN PLACE. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE TRAFFIC PROTECTION BY THE APPLICATION OF TRAFFIC CONTROL DEVICES ACCORDING TO THE "STANDARD SPECIFICATIONS" AND AS SHOWN ON THE PLANS.
2. THE PERMANENT TRAFFIC CONTROL SHOWN ON THE PLANS IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE ABOVE HIGHWAY STANDARDS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE SUM PAY ITEM TRAFFIC CONTROL AND PROTECTION (SPECIAL) UNLESS OTHERWISE SHOWN ON THE PLANS OR IN THE SPECIAL PROVISIONS.
3. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MUST BE WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS OF FLUORESCENT ORANGE REFLECTIVE SHEETING.
4. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR RELOCATED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NEEDED. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.
5. "ROAD WORK AHEAD" SIGNS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS.
6. THE CONTRACTOR SHALL USE LEG EXTENSIONS FOR TYPE II BARRICADES TO PROVIDE A 2 FT WIDTH EARTH FILL PAD FOR DRUMS TO MEET MINIMUM BARRICADE HEIGHT (SEE STAGING TYPICAL CROSS SECTION SHEETS).
7. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE GRADE DIFFERENCE BETWEEN ADJACENT LANES SHALL BE LIMITED TO A MAXIMUM OF 1.5 INCH. THE GRADE DIFFERENCE MAY BE INCREASED TO A MAXIMUM OF 3 INCH IF EITHER A 3:1 OR FLATTER SLOPE IS PROVIDED BETWEEN LANES OR WITH APPROVAL FROM THE ENGINEER.
8. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIRECTION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE TRAFFIC CONTROL PLANS TO ACCOMMODATE CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. NO ADDITIONAL COMPENSATION SHALL BE DUE TO THE CONTRACTOR IF A MODIFIED PLAN IS PROPOSED.
9. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGES TO THE STAGING PLANS.
10. AFTER MILLING, THE CONTRACTOR SHALL PLACE A TYPE II BARRICADE WITH ALL EXISTING FRAMES AND GRATES, WITHIN THE CURB AND GUTTER TO PROTECT INTO THE PAVEMENT.
11. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
12. THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION.
13. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR RELOCATE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUESTS BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE NOTIFICATION.
14. NO DROP-OFF GREATER THEN 2 FEET AND ADJACENT TO THE EDGE OF TRAVELED-WAY SHALL BE ALLOWED FOR A PERIOD LONGER THEN 48 HOURS. THE CONTRACTOR SHALL MAKE ALL EFFORTS TO REDUCE THIS DROP TO LESS THAN 2 FEET AT THE END OF EACH DAY.
15. TEMPORARY TRAFFIC CONTROL DEVICES SHALL CONFORM WITH THE MUTCD GUIDELINES.
16. FLAGGER AND WORKER SIGNS SHALL BE COVERED OR REMOVED WHEN FLAGGERS OR WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
17. ACCESS SHALL BE MAINTAINED TO SIDE STREETS, PRIVATE PROPERTY AND COMMERCIAL PROPERTY AT ALL TIMES DURING CONSTRUCTION. THE EXCEPTION SHALL BE DURING THE PROPOSED ROAD CLOSURE BETWEEN KENILWORTH AVENUE BETWEEN ABBOTSFORD ROAD AND LEICESTER ROAD DETAILED IN THE DETOUR PLAN. THIS CLOSURE SHALL NOT EXCEED FIVE (5) WORKING DAYS.
18. ANY PAVEMENT REMOVAL REQUIRED FOR THE INSTALLATION OF PROPOSED STORM SEWER LATERALS AND CULVERTS DURING TEMPORARY CLOSURES MUST BE REPAIRED WITH TEMPORARY PAVEMENT, A STEEL PLATE OR A PERMANENT PAVEMENT PATCH PRIOR TO REOPENING THE CLOSURE TO TRAFFIC.

MAINTENANCE OF TRAFFIC GENERAL NOTES (CONTINUED)

19. ANY PROPOSED ACTIVITY IN THE VICINITY OF A HIGHWAY-RAIL GRADE CROSSING MUST ADHERE TO THE GUIDELINES SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) UNDER SECTION 6G.18: WORK IN THE VICINITY A GRADE CROSSING WHICH STATES: "WHEN GRADE CROSSINGS EXIST EITHER WITHIN OR IN THE VICINITY OF A TTC ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE."

SEQUENCE OF CONSTRUCTION

STAGE 1

CONSTRUCTION

- (1) INSTALL DETOUR SIGNAGE FOR THE CLOSURE OF KENILWORTH AVENUE BETWEEN ABBOTSFORD ROAD AND LEICESTER ROAD AS SHOWN IN THE DETOUR PLANS.
- (2) INSTALL STAGE 1 TRAFFIC CONTROL AND SIGNING AS SHOWN IN THE PLANS.
- (3) REMOVE EXISTING HMA PAVEMENT, AGGREGATE BASE, AND CURB AND GUTTER AS SHOWN IN THE PLANS WITHIN THE CLOSURE AREA ON THE EAST SIDE OF KENILWORTH AVENUE.
- (4) PREPARE EXISTING AGGREGATE BASE FOR BINDER COURSE.
- (5) CONSTRUCT PROPOSED CURB AND GUTTER AND SIDEWALK WITHIN THE STAGE 1 WORK ZONE.
- (6) CONSTRUCT HMA BINDER COURSE BETWEEN ABBOTSFORD ROAD AND LEICESTER ROAD ON THE EAST SIDE OF KENILWORTH AVENUE..
- (7) ADJUST ALL EXISTING UTILITY OR DRAINAGE MANHOLE RIMS AS NEEDED.
- (8) RESTORE ANY IMPACTED AREAS WITH TOPSOIL AND SODDING AS SOON AS POSSIBLE.

MAINTENANCE OF TRAFFIC

- (A) THE PROPOSED ROAD CLOSURE OF THE EAST SIDE OF KENILWORTH AVENUE BETWEEN ABBOTSFORD ROAD AND LEICESTER ROAD SHALL NOT EXCEED FIVE (5) WORKING DAYS.
- (B) SHUT DOWN SOUTHWEST-BOUND THROUGH TRAFFIC TRAVELING TOWARDS GREEN BAY ROAD THROUGHOUT THE STAGE 1 AND 2 WORK ZONE.
- (C) NORTHEAST-BOUND THROUGH TRAFFIC TRAVELING TOWARDS SHERIDAN ROAD WILL BE MAINTAINED AT ALL TIMES BY SHIFTING TO THE WEST SIDE OF KENILWORTH AVENUE.
- (D) MAINTAIN ACCESS TO ALL COMMERCIAL AND PRIVATE PROPERTY AT ALL TIMES TO MAXIMUM EXTENT PRACTICABLE.
- (E) SHIFT TRAFFIC TO STAGE 2 CONFIGURATION IMMEDIATELY AFTER BINDER COURSE HAS BEEN FULLY CONSTRUCTED.
- (F) UTILIZE IDOT STANDARDS TC-10, TC-21, 701001-02, 701006-05, 701011-04, 701301-04, 701311-03, 701801-06, AND 701901-08.

STAGE 2

CONSTRUCTION

- (1) INSTALL STAGE 2 DETOUR SIGNAGE AND REMOVE STAGE 1 DETOUR SIGNAGE AS SHOWN IN THE PLANS
- (2) REMOVE STAGE 1 TRAFFIC CONTROL AND SIGNING AND INSTALL STAGE 2 TRAFFIC CONTROL AND SIGNING AS SHOWN IN THE PLANS.
- (3) REMOVE EXISTING HMA PAVEMENT, AGGREGATE BASE, AND CURB AND GUTTER AS SHOWN IN THE PLANS WITHIN THE CLOSURE AREA ON THE WEST SIDE OF KENILWORTH AVENUE.
- (4) PREPARE EXISTING AGGREGATE BASE FOR BINDER COURSE.
- (5) CONSTRUCT PROPOSED CURB AND GUTTER AND SIDEWALK WITHIN THE STAGE 2 WORK ZONE.
- (6) CONSTRUCT HMA BINDER COURSE BETWEEN ABBOTSFORD ROAD AND LEICESTER ROAD ON THE WEST SIDE OF KENILWORTH AVENUE.
- (7) ADJUST ALL EXISTING UTILITY OR DRAINAGE MANHOLE RIMS AS NEEDED.
- (8) RESTORE ANY IMPACTED AREAS WITH TOPSOIL AND SODDING AS SOON AS POSSIBLE.
- (9) REMOVE TRAFFIC CONTROL AND DETOUR SIGNING AFTER KENILWORTH AVENUE HAS BEEN REOPENED TO THROUGH TRAFFIC.

MAINTENANCE OF TRAFFIC

- (A) THE PROPOSED ROAD CLOSURE OF THE WEST SIDE OF KENILWORTH AVENUE BETWEEN ABBOTSFORD ROAD AND LEICESTER ROAD SHALL NOT EXCEED FIVE (5) WORKING DAYS.
- (B) SHUT DOWN SOUTHWEST-BOUND THROUGH TRAFFIC TRAVELING TOWARDS GREEN BAY ROAD THROUGHOUT THE STAGE 1 AND 2 WORK ZONE.
- (C) NORTHEAST-BOUND THROUGH TRAFFIC TRAVELING TOWARDS SHERIDAN ROAD WILL BE MAINTAINED AT ALL TIMES BY SHIFTING TO THE WEST SIDE OF KENILWORTH AVENUE.
- (D) MAINTAIN ACCESS TO ALL COMMERCIAL AND PRIVATE PROPERTY AT ALL TIMES TO MAXIMUM EXTENT PRACTICABLE.
- (E) OPEN UP KENILWORTH AVENUE TO THROUGH TRAFFIC IMMEDIATELY AFTER BINDER COURSE HAS BEEN FULLY CONSTRUCTED.
- (F) UTILIZE IDOT STANDARDS TC-10, TC-21, 701001-02, 701006-05, 701011-04, 701301-04, 701311-03, 701801-06, AND 701901-08.

SEQUENCE OF CONSTRUCTION (CONTINUED)

STAGE 3

CONSTRUCTION

- (1) REMOVE EXISTING PAVEMENT AND CURB AND GUTTER AT THE INTERSECTION OF KENILWORTH AVENUE AND RICHMOND ROAD AS SHOWN IN THE PLANS.
- (2) EXCAVATE FOR PROPOSED SUBBASE GRANULAR MATERIAL
- (3) REMOVE EXISTING COMBINED SEWER AND DRAINAGE STRUCTURES AS SHOWN IN THE PLANS.
- (4) INSTALL PROPOSED COMBINED SEWER AND DRAINAGE STRUCTURES AS SHOWN IN THE PLANS, PATCHING EXISTING ROAD AS NECESSARY.
- (5) CONSTRUCT SUBBASE GRANULAR MATERIAL AND PCC BASE COURSE WIDENING.
- (6) CONSTRUCT PROPOSED CURB AND GUTTER.
- (7) ADJUST ALL EXISTING UTILITY OR DRAINAGE MANHOLE RIMS AS NEEDED.
- (8) RESTORE ANY IMPACTED AREAS WITH TOPSOIL AND SODDING AS SOON AS POSSIBLE.
- (9) REMOVE AND RECONSTRUCT SIDEWALK AT THE INTERSECTION OF RICHMOND ROAD AND KENILWORTH AVENUE TO MEET ADA COMPLIANCE AS SHOWN IN THE DETAILS.

MAINTENANCE OF TRAFFIC

- (A) MAINTAIN TWO-WAY TRAFFIC ON KENILWORTH AVENUE AND RICHMOND ROAD AT ALL TIMES.
- (B) MAINTAIN ACCESS TO ALL SIDE STREETS, COMMERCIAL PROPERTY, AND PRIVATE PROPERTY AT ALL TIMES.
- (C) MAINTAIN ALL METRA COMMUTER PARKING DURING WEEKDAYS.
- (D) MAINTAIN AT LEAST ONE PEDESTRIAN CROSSING OPEN IN EACH DIRECTION AT EVERY INTERSECTION.
- (E) UTILIZE IDOT STANDARDS TC-10, TC-16, TC-26, 701001-02, 701006-05, 701011-04, 701301-04, 701311-03, 701501-06, 701801-06, AND 701901-08.

STAGE 4

CONSTRUCTION

- (1) INSTALL ALL REQUIRED TRAFFIC CONTROL AND SIGNING.
- (2) MILL THE REMAINDER OF KENILWORTH AVENUE .
- (3) MILL RICHMOND ROAD OVER A WEEKEND SO AS NOT TO DISRUPT COMMUTER PARKING.
- (4) REMOVE EXISTING CURB AND GUTTER AS SHOWN IN THE PLANS AND DIRECTED BY THE ENGINEER.
- (5) PATCH PAVEMENT WITHIN THE MILLING LIMITS AS DIRECTED BY THE ENGINEER.
- (6) CONSTRUCT PROPOSED CURB AND GUTTER.
- (7) CONSTRUCT POLYMERIZED HMA BINDER COURSE WITHIN THE MILLING LIMITS ON KENILWORTH AVENUE.
- (8) CONSTRUCT POLYMERIZED HMA BINDER COURSE WITHIN THE MILLING AND PAVMENT WIDENING LIMITS ON RICHMOND ROAD OVER A WEEKEND SO AS NOT TO DISRUPT COMMUTER PARKING.
- (9) ADJUST ALL EXISTING UTILITY OR DRAINAGE MANHOLE RIMS AS NEEDED.
- (10) REMOVE AND RECONSTRUCT SIDEWALK TO MEET ADA COMPLIANCE AS SHOWN IN THE DETAILS WHILE MAINTAINING PEDESTRIAN ACCESS.
- (11) CONSTRUCT ALL HMA SURFACE COURSE THROUGH THE ENTIRTY OF THE PROJECT LIMITS ON KENILWORTH AVENUE.
- (12) CONSTRUCT ALL HMA SURFACE COURSE THROUGH THE ENTIRTY OF THE PROJECT LIMITS ON RICHMOND ROAD OVER A WEEKEND SO AS NOT TO DISRUPT COMMUTER PARKING..
- (13) PLACE ALL REMAINING TOPSOIL AND SODDING AS SOON AS POSSIBLE.
- (14) INSTALL FINAL PAVEMENT MARKINGS AND SIGNING.
- (15) REMOVE ALL CONSTRUCTION EQUIPMENT, MATERIALS, TRAFFIC CONTROL DEVICES, AND TEMPORARY SIGNING.

MAINTENANCE OF TRAFFIC

- (A) MAINTAIN TWO-WAY TRAFFIC ON KENILWORTH AVENUE AND RICHMOND ROAD AT ALL TIMES.
- (B) MAINTAIN ACCESS TO ALL SIDE STREETS, COMMERCIAL PROPERTY, AND PRIVATE PROPERTY AT ALL TIMES.
- (C) MAINTAIN ALL METRA COMMUTER PARKING DURING WEEKDAYS.
- (D) MAINTAIN AT LEAST ONE PEDESTRIAN CROSSING OPEN IN EACH DIRECTION AT EVERY INTERSECTION.
- (E) UTILIZE IDOT STANDARDS TC-10, TC-16, TC-26, 701001-02, 701006-05, 701011-04, 701301-04, 701311-03, 701501-06, 701801-06, AND 701901-08.

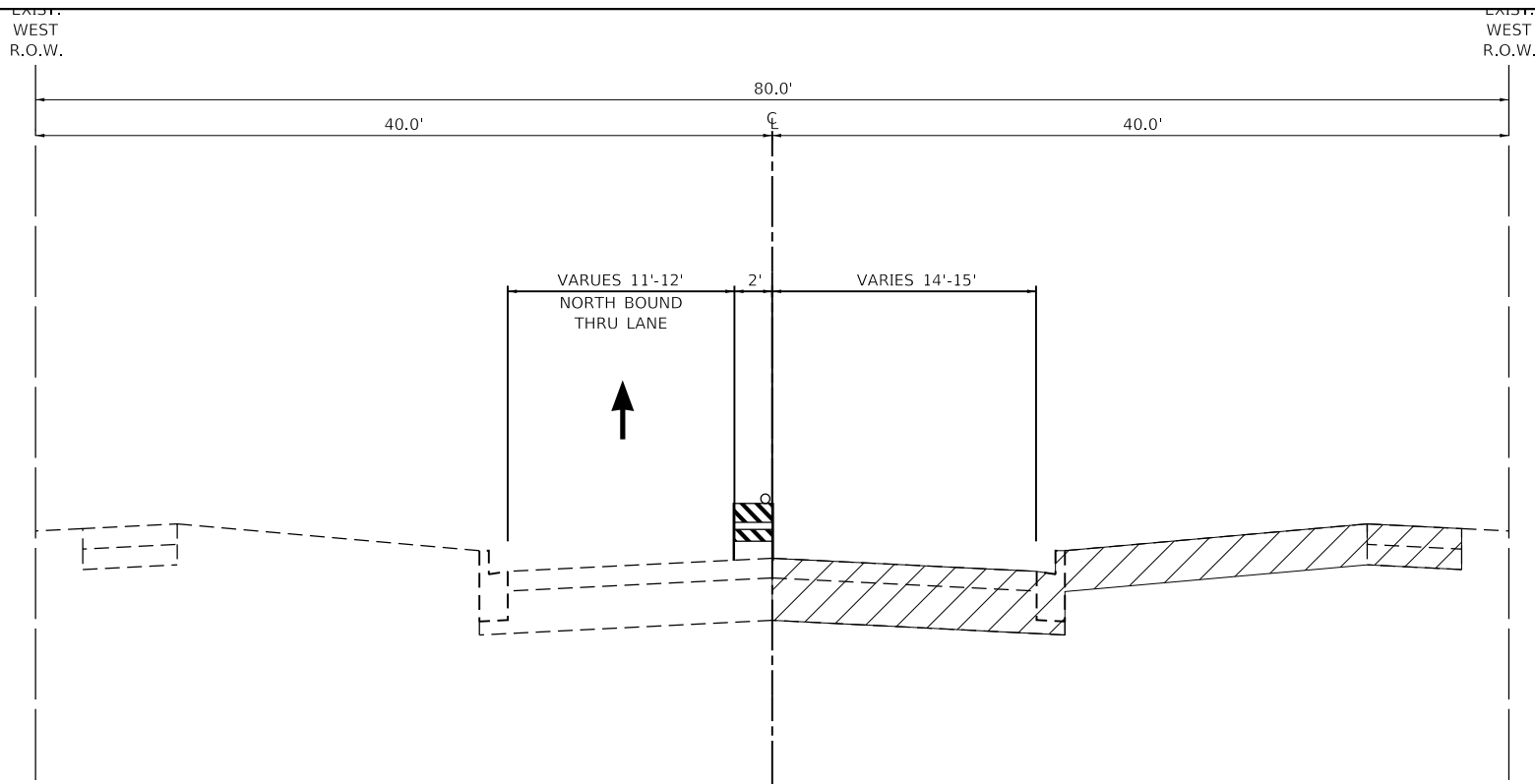


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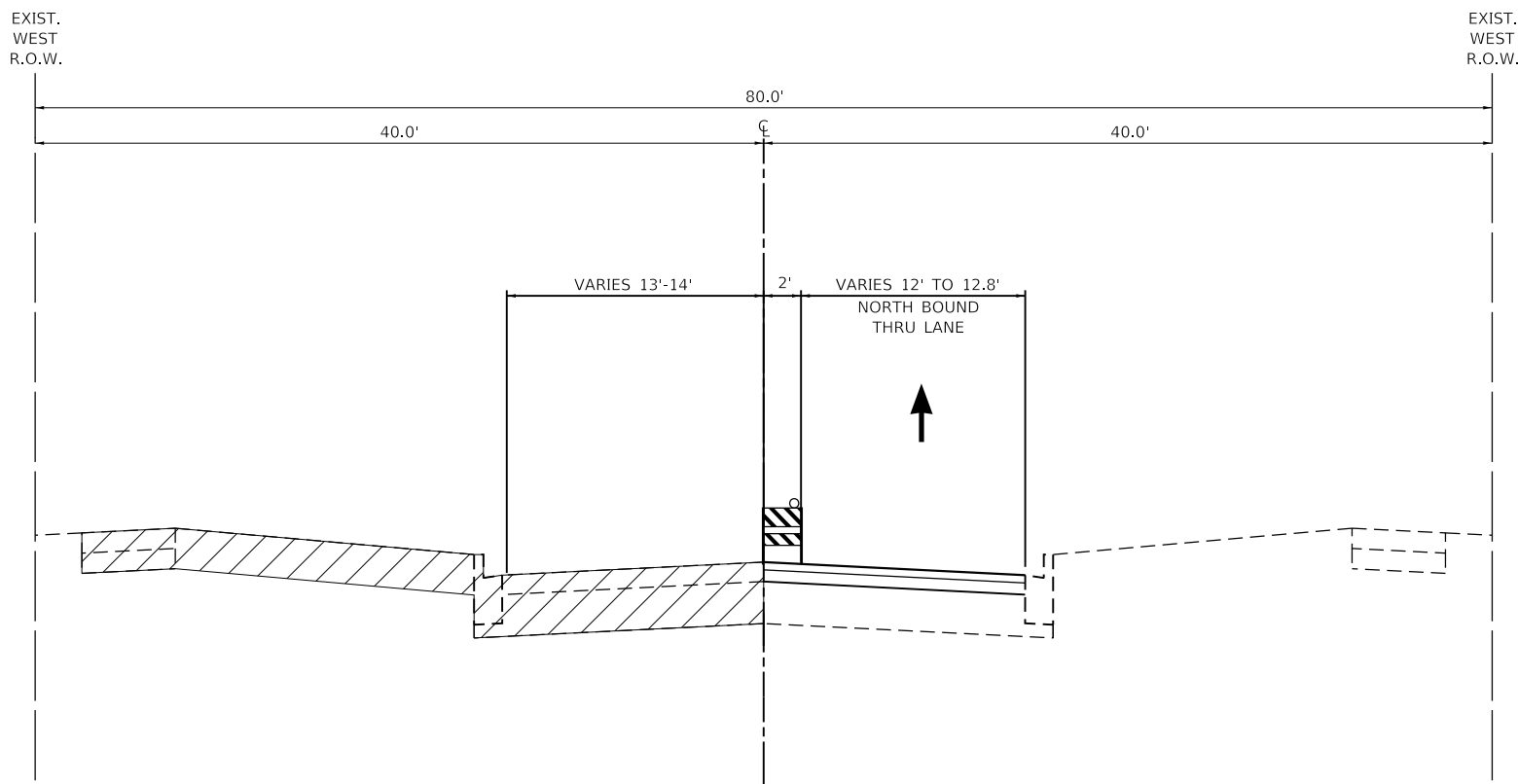
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




MOT GENERAL NOTES AND SEQUENCE OF CONSTRUCTION				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KENILWORTH AVENUE AND RICHMOND ROAD				1669	17-00034-00-R5	COOK	74	29
SCALE: NONE				SHEET 1 OF 6 SHEETS		CONTRACT NO. 61G87		
				STA. TO STA.		ILLINOIS		FED. AID PROJECT



**KENILWORTH AVENUE
STAGE 1 TYPICAL SECTION**
STA. 21+00.00 TO STA. 31+00.00



**KENILWORTH AVENUE
STAGE 2 TYPICAL SECTION**
STA. 21+00.00 TO STA. 31+00.00

- LEGEND**
-  WORK ZONE
 -  BARRICADES, TYPE II WITH WARNING LIGHT COMPLIANT WITH APPLICABLE REQUIREMENTS
 -  DIRECTIONAL ARROW

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DESIGNED -	MJV
DRAWN -	JKL
PLOT SCALE =	1:5
PLOT DATE =	11/5/2020

DESIGNED -	MJV	REVISED -	-
DRAWN -	JKL	REVISED -	-
CHECKED -	KLB	REVISED -	-
DATE -	11/5/2020	REVISED -	-

DESIGNED -	MJV	REVISED -	-
DRAWN -	JKL	REVISED -	-
CHECKED -	KLB	REVISED -	-
DATE -	11/5/2020	REVISED -	-

DESIGNED -	MJV	REVISED -	-
DRAWN -	JKL	REVISED -	-
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

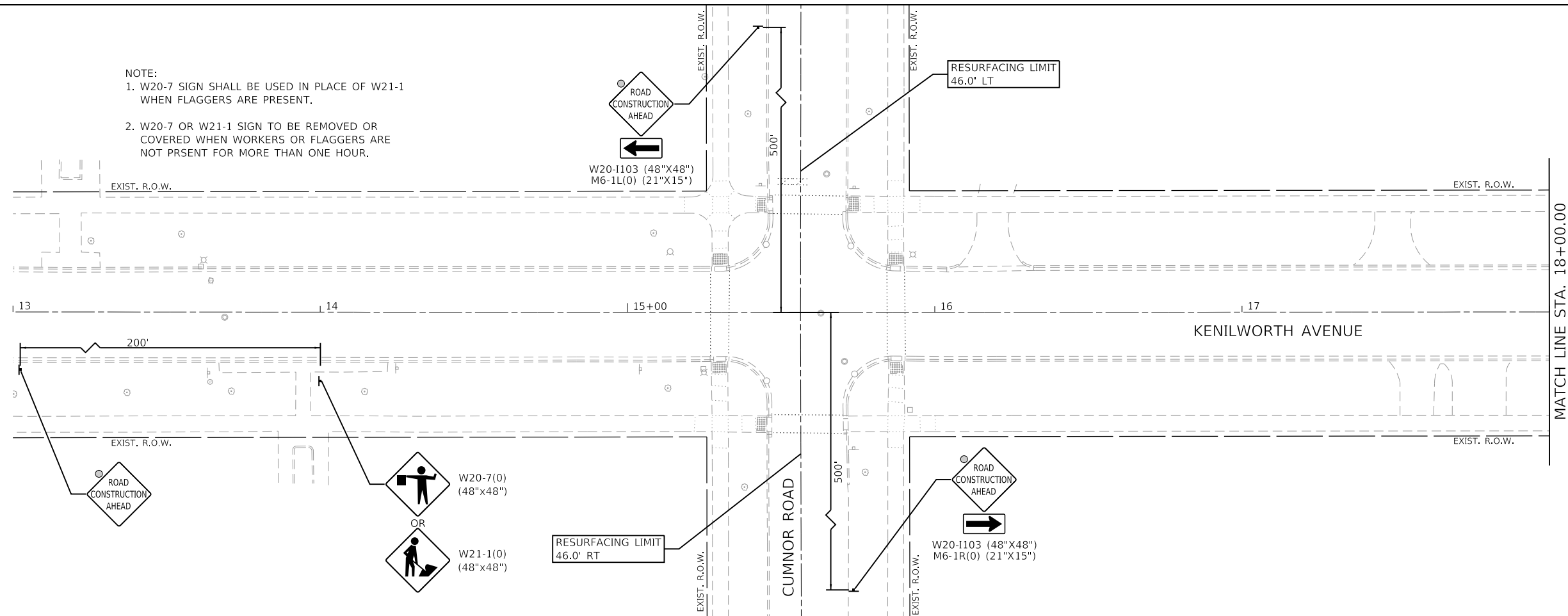
MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS
KENILWORTH AVENUE

SCALE: N.T.S. SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	30
ILLINOIS			FED. AID PROJECT	

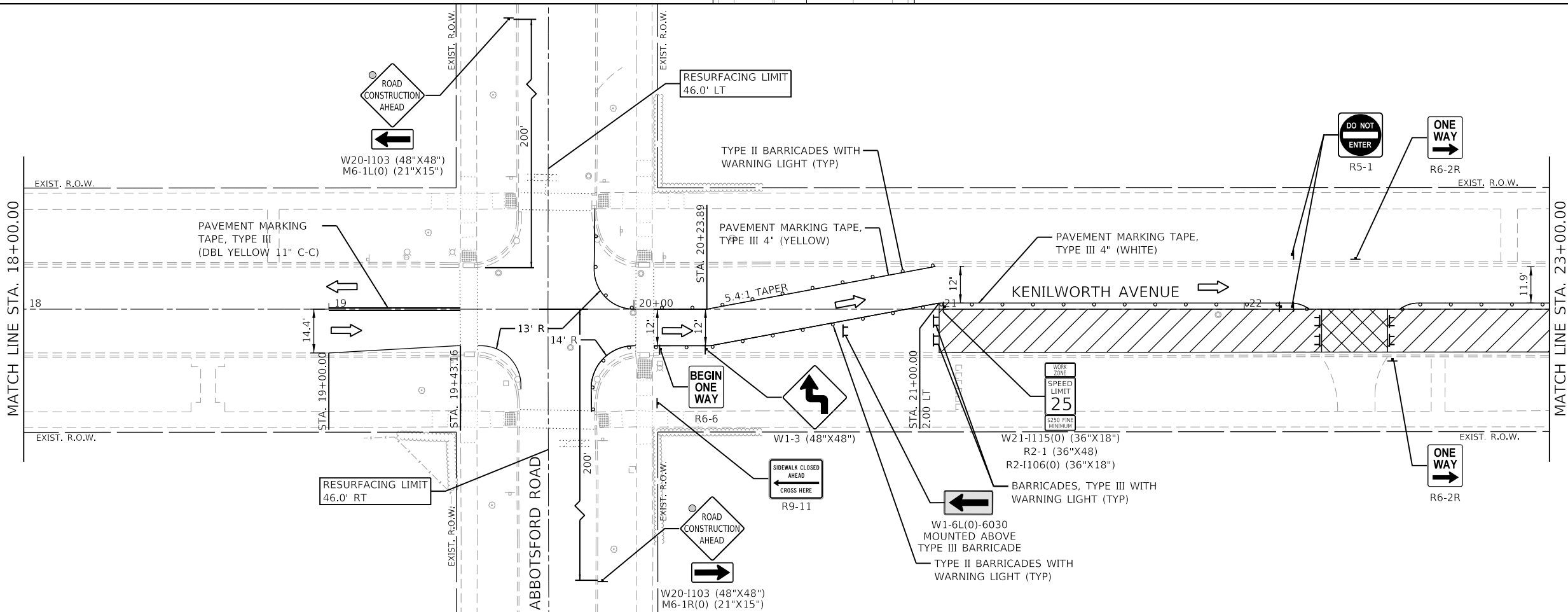
CONTRACT NO. 61G87

NOTE:
 1. W20-7 SIGN SHALL BE USED IN PLACE OF W21-1 WHEN FLAGGERS ARE PRESENT.
 2. W20-7 OR W21-1 SIGN TO BE REMOVED OR COVERED WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



LEGEND

	WORK ZONE
	WORK ZONE WITH TEMPORARY ACCESS (PRIVATE ENTRANCE OR ROAD)
	TRAFFIC DIRECTION
	TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS, 10' SPACING IN CORNER RADII)
	TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE



GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: MAINTENANCE OF TRAFFIC
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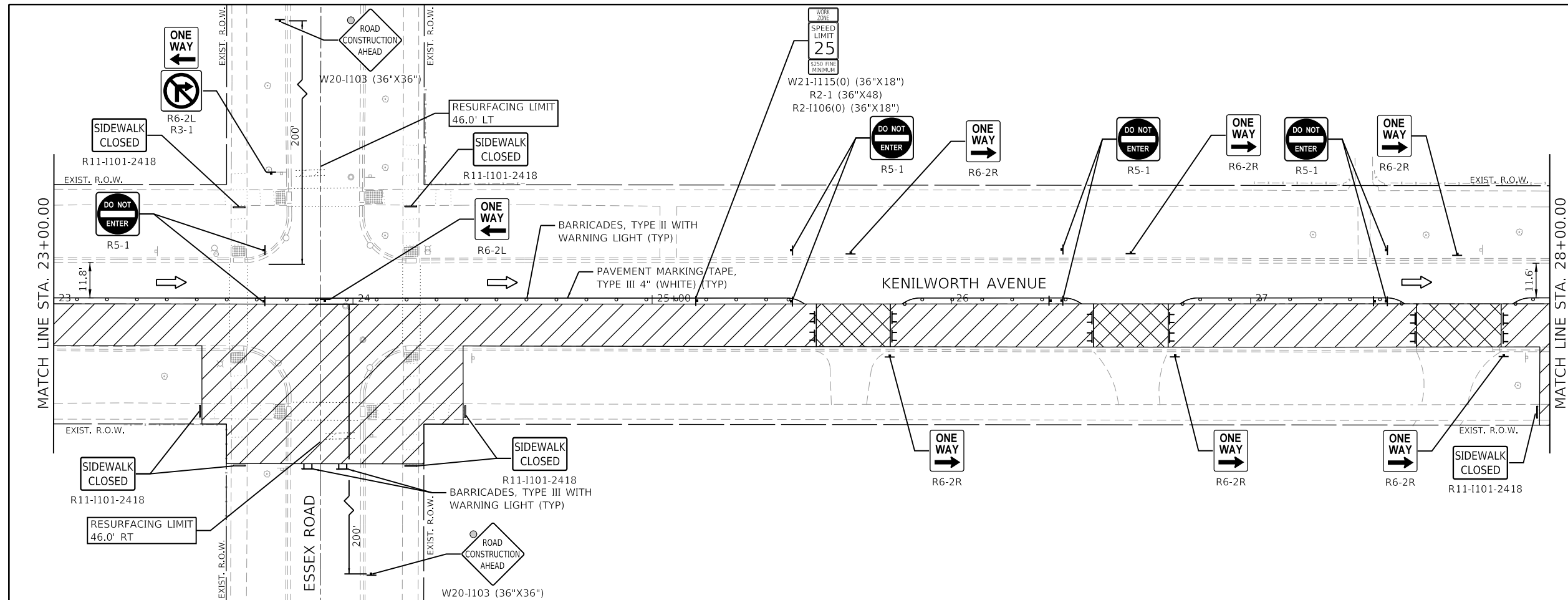
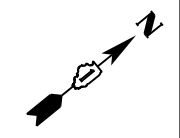
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MAINTENANCE OF TRAFFIC	PLOT DATE = 11/6/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 1
 KENILWORTH AVENUE**

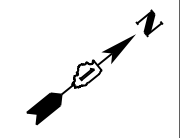
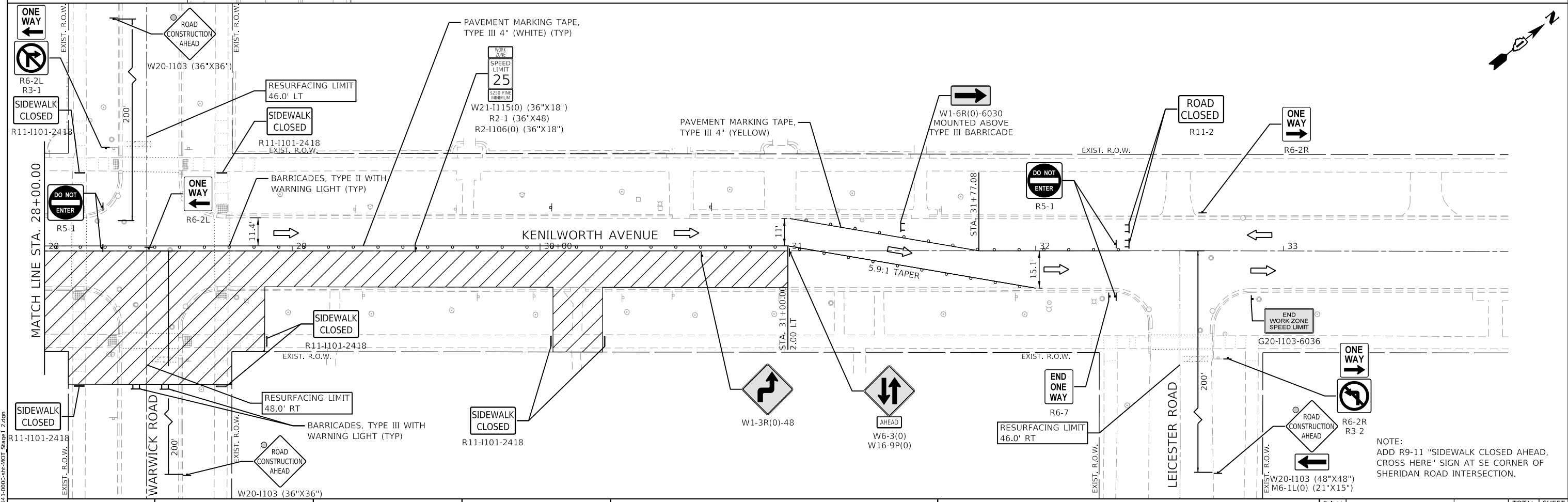
SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 13+00 TO STA. 23+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	31
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



LEGEND

	WORK ZONE
	WORK ZONE WITH TEMPORARY ACCESS (PRIVATE ENTRANCE OR ROAD)
	TRAFFIC DIRECTION
	TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS, 10' SPACING IN CORNER RADII)
	TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE



GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: MAINTENANCE OF TRAFFIC
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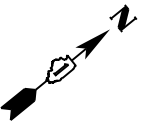
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		DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

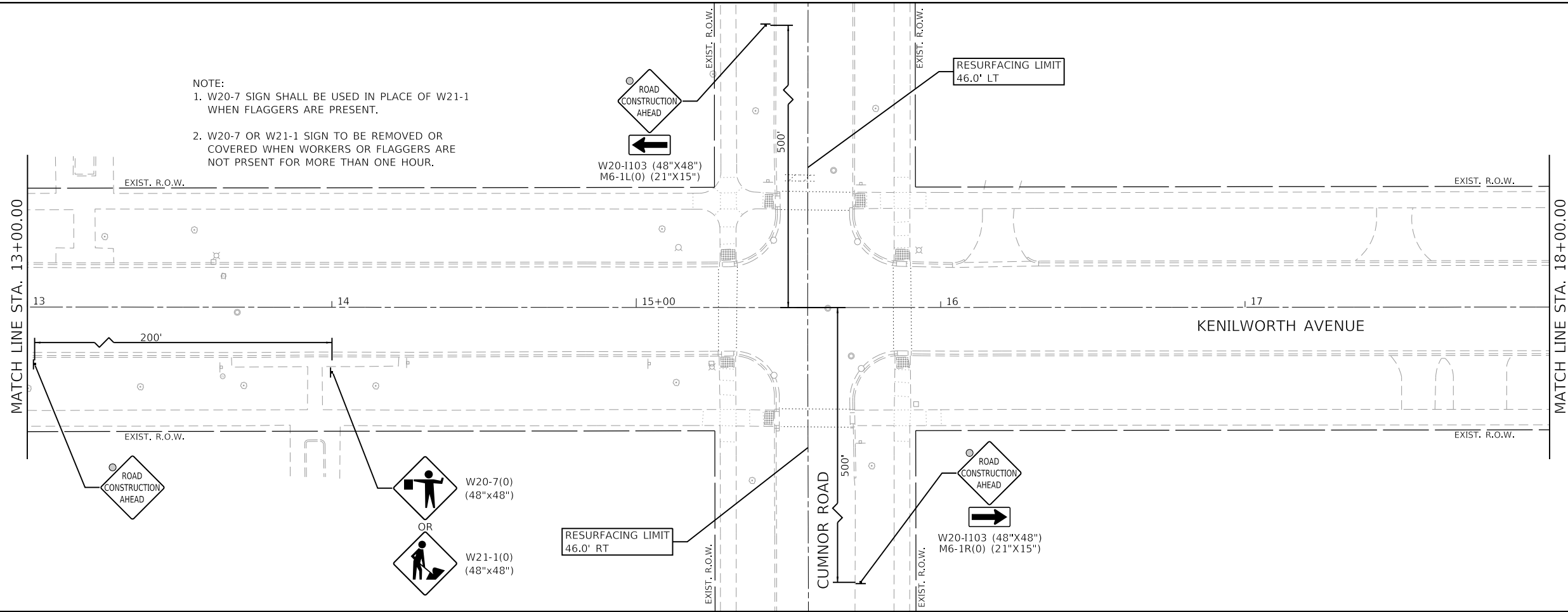
MAINTENANCE OF TRAFFIC - STAGE 1	
KENILWORTH AVENUE	
SCALE: 1"=20'	SHEET 4 OF 6 SHEETS
STA. 23+00	TO STA. 33+00

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G87	

NOTE:
 ADD R9-11 "SIDEWALK CLOSED AHEAD, CROSS HERE" SIGN AT SE CORNER OF SHERIDAN ROAD INTERSECTION.

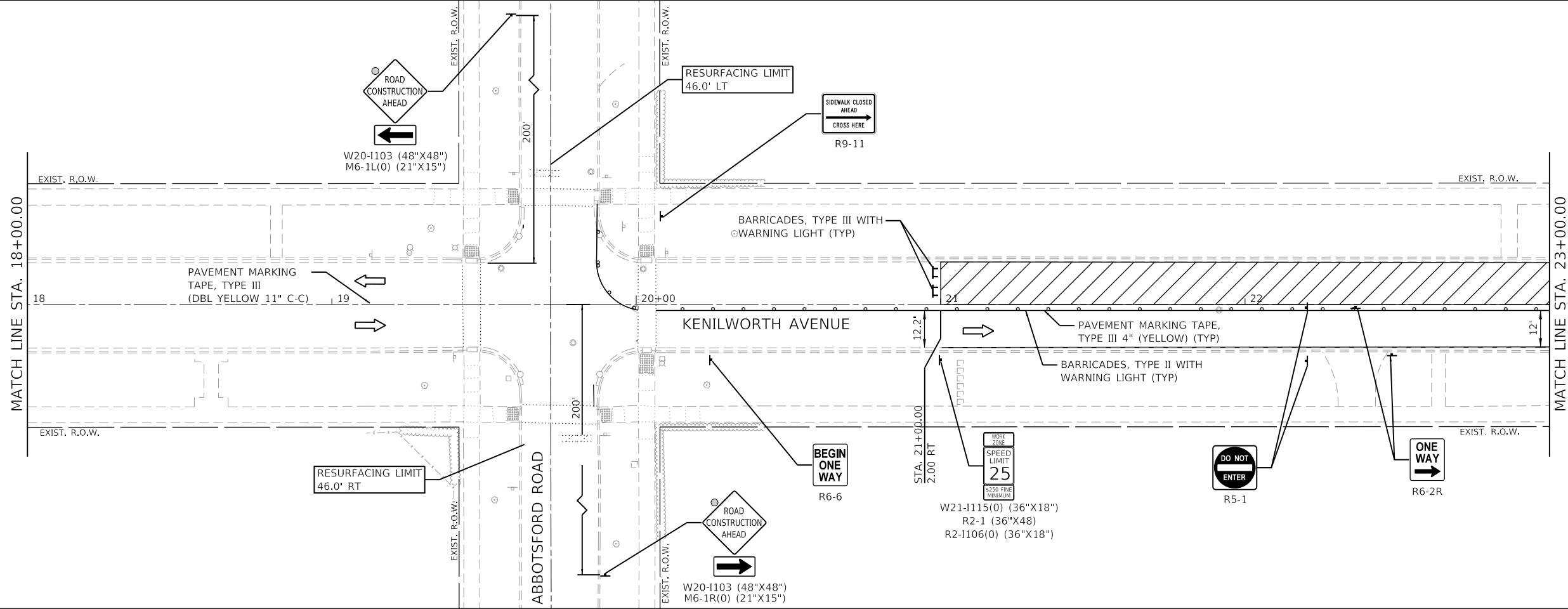
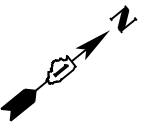


NOTE:
 1. W20-7 SIGN SHALL BE USED IN PLACE OF W21-1 WHEN FLAGGERS ARE PRESENT.
 2. W20-7 OR W21-1 SIGN TO BE REMOVED OR COVERED WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



LEGEND

	WORK ZONE
	WORK ZONE WITH TEMPORARY ACCESS (PRIVATE/COMMERCIAL ENTRANCE OR ROAD)
	TRAFFIC DIRECTION
	TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS, 10' SPACING IN CORNER RADII)
	TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
	DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE



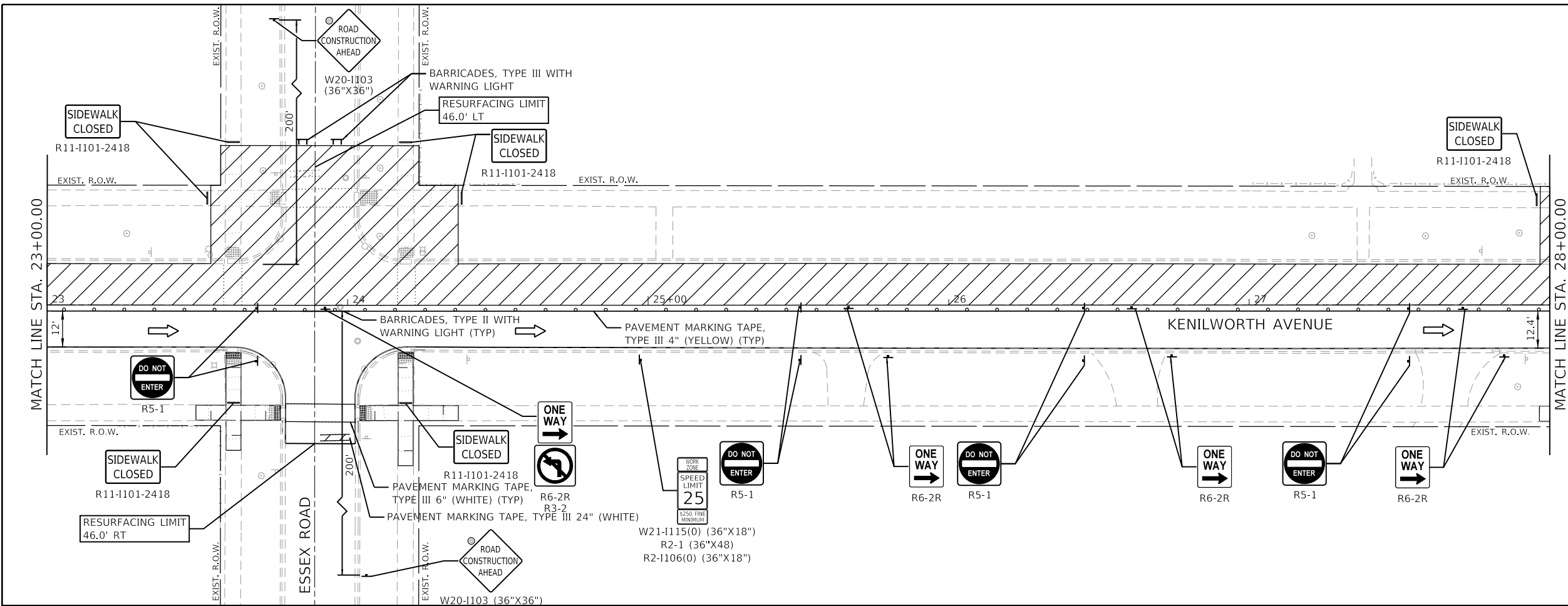
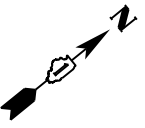
GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL MAINTENANCE OF TRAFFIC
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5641		DRAWN - JKL	REVISED -
MAINTENANCE OF TRAFFIC		CHECKED - KLB	REVISED -
	PLOT DATE = 11/6/2020	DATE - 11/5/2020	REVISED -

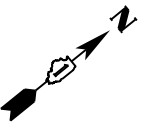
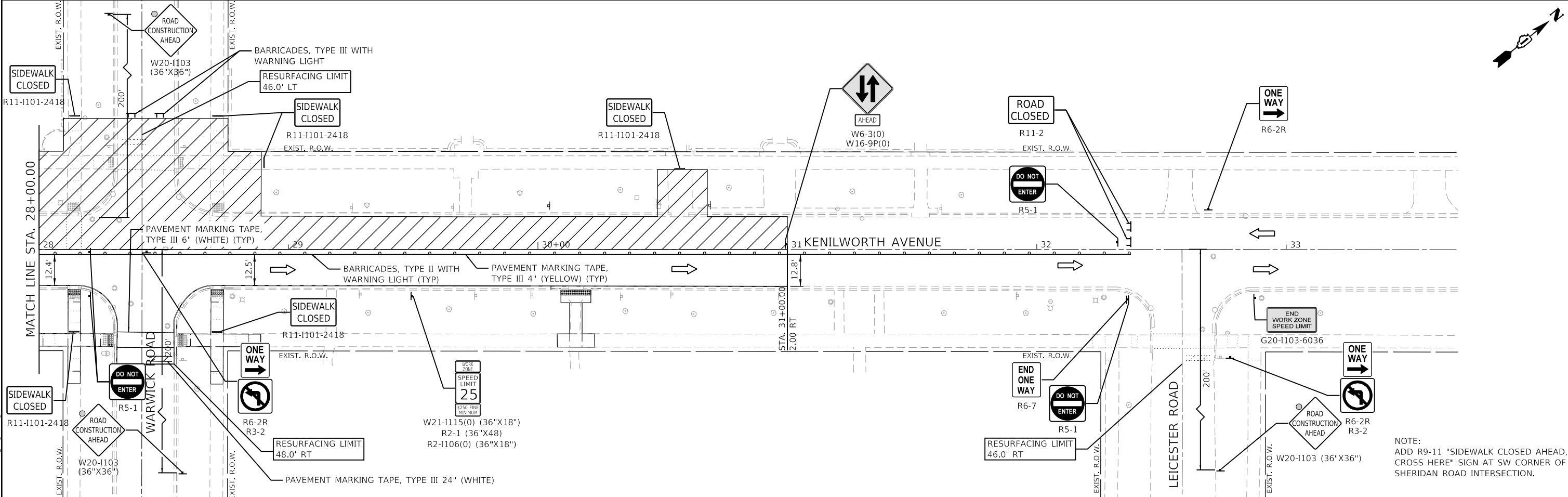
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC – STAGE 2			
KENILWORTH AVENUE			
SCALE: 1"=20'	SHEET 5 OF 6 SHEETS	STA. 13+00 TO STA. 23+00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	33
CONTRACT NO. 61G87			ILLINOIS FED. AID PROJECT	



- LEGEND**
- WORK ZONE
 - WORK ZONE WITH TEMPORARY ACCESS (PRIVATE/COMMERCIAL ENTRANCE OR ROAD)
 - TRAFFIC DIRECTION
 - TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS, 10' SPACING IN CORNER RADII)
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
 - DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE



GHA GEWALT HAMILTON ASSOCIATES, INC.
 MODEL: MAINTENANCE OF TRAFFIC
 FILE NAME: 5641-0000-sht-MOT_Stage2 2.dgn

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5641	PLOT SCALE = 1:20	DRAWN - JKL	REVISED -
MAINTENANCE OF TRAFFIC	PLOT DATE = 11/6/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 2
 KENILWORTH AVENUE**

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 23+00 TO STA. 33+00

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 34
				CONTRACT NO. 61G87
ILLINOIS FED. AID PROJECT				

NOTE:
 ADD R9-11 "SIDEWALK CLOSED AHEAD, CROSS HERE" SIGN AT SW CORNER OF SHERIDAN ROAD INTERSECTION.



SPECIAL DETOUR NOTES:

1. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO THE DETOUR GENERAL NOTES. SEE SHEET 32 FOR THE DETOUR GENERAL NOTES.
2. SEE SHEET 33 FOR INFORMATION ON THE DESIGN AND LOCATION OF THE DETOUR INFORMATION SIGNS.
3. A MINIMUM OF SIX (6) TYPE III BARRICADES WILL BE NEEDED FOR THIS DETOUR AND ROAD CLOSURE.

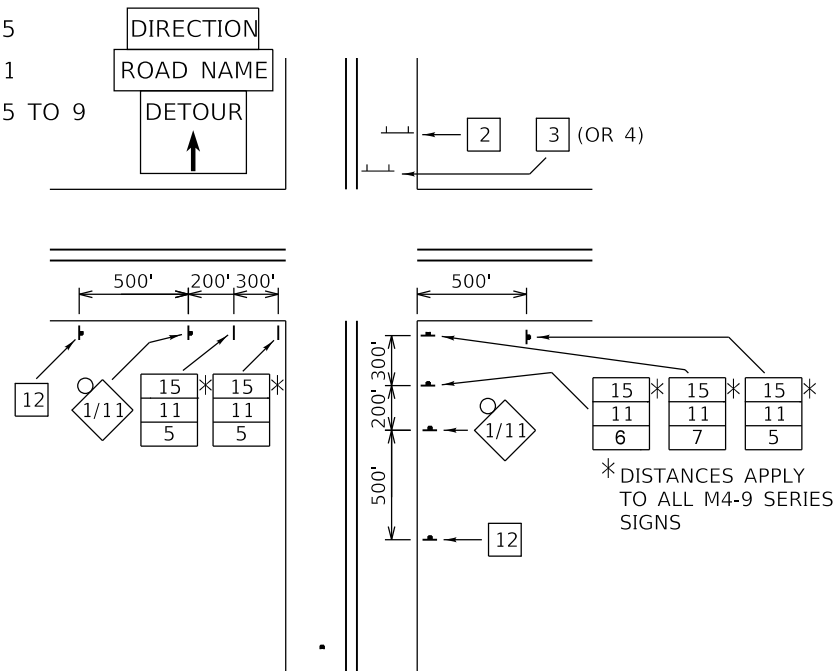
THE DURATION OF THE DETOUR SHALL NOT EXCEED 10 WORKING DAYS.

THE PENALTY FOR EXCEEDING THE DURATION SHALL BE \$2,000 PER WORKING DAY

TYPICAL INTERSECTION AT POINT OF DETOUR

TYPICAL DETOUR ASSEMBLY SIGN

- SIGN NO. 15
- SIGN NO. 11
- SIGNS NO. 5 TO 9



MODEL: Default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**
















DETOUR PLAN	
KENILWORTH AVENUE	
SCALE: NTS	SHEET 1 OF 3 SHEETS STA. TO STA.

LEGEND

- SIGNALIZED INTERSECTION
- 48"X48" CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE
- M4-9 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
- OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
- TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
- DETOUR ROUTE

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 35
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SIGN NO.	SIGN	SIGN TYPE	QUANTITY
①		W20-2(O)-48	5
②		R11-2 4830	5
③		M4-10R (O) 4818	3
④		M4-10L (O) 4818	2
⑤		M4-9 (O) 3021	8
⑥		M4-9R (O) 3021	4
⑦		M4-9R (O) 3021	2
⑧		M4-9L (O) 3021	2
⑨		M4-9L (O) 3021	2
⑩		M4-8a (O) 2418	1
⑪		SPECIAL (O) 9 VARIABLE	23
⑫		SPECIAL (O) 6030	5
⑬		R11-4-6030	5
⑭		W20-3 (O) 48	1
⑮		M3-3 (O) 2412	18
⑯		W20-3(O) 48	5

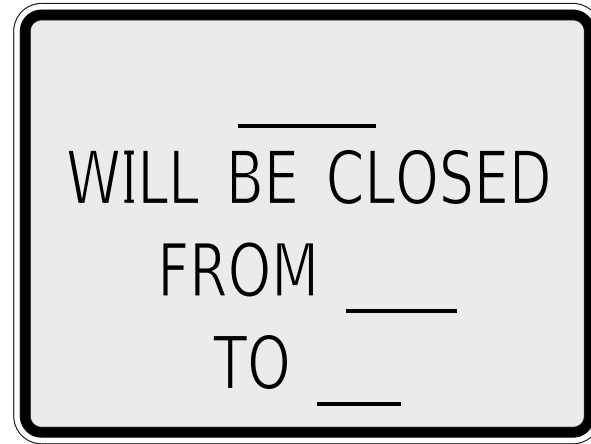
DETOUR GENERAL NOTES:

- ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL, 1, 2016", "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES ADOPTED 2010, "THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION (LC-T-SECTION 700) AND THE L.C.D.O.T. DETOUR PROCEDURES AND GUIDELINES.
 - THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
 - IF DEEMED NECESSARY BY THE ENGINEER A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR SHALL BE HELD AT LEAST TWO WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
 - THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK.
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION REPRESENTATIVE FOR THIS DETOUR IS:
 KALPANA KANNAN-HOSADURGA
 DISTRICT ONE TRAFFIC CONTROL SUPERVISOR FOR ARTERIALS
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196
 KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV
- IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.
 - LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
 - THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
 - THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT IS DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
 - ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
 - ALL DETOUR SIGNING SHALL BE POST MOUNTED IF THE ROAD CLOSURE IS TO EXCEED FOUR (4) CALENDAR DAYS.
 - ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
 - THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
 - ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED 8 FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.
 - THE "ROAD CLOSED" (R11-2), THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" (R11-3) AND THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO (2) AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
 - THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON THE FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 4.5" LOWER CASE.
 - DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
 - CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
 - THE FOLLOWING ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD IS APPLICABLE FOR THIS WORK:
STANDARD 701901
 - THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
 - THE CONTRACTOR SHALL CONTACT THE WINNETKA-KENILWORTH FIRE DEPARTMENT AT (847) 501-6029 THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT, AND SHALL INVITE A REPRESENTATIVE FROM THE FIRE DEPARTMENT TO ALL PRE-CONSTRUCTION MEETINGS.

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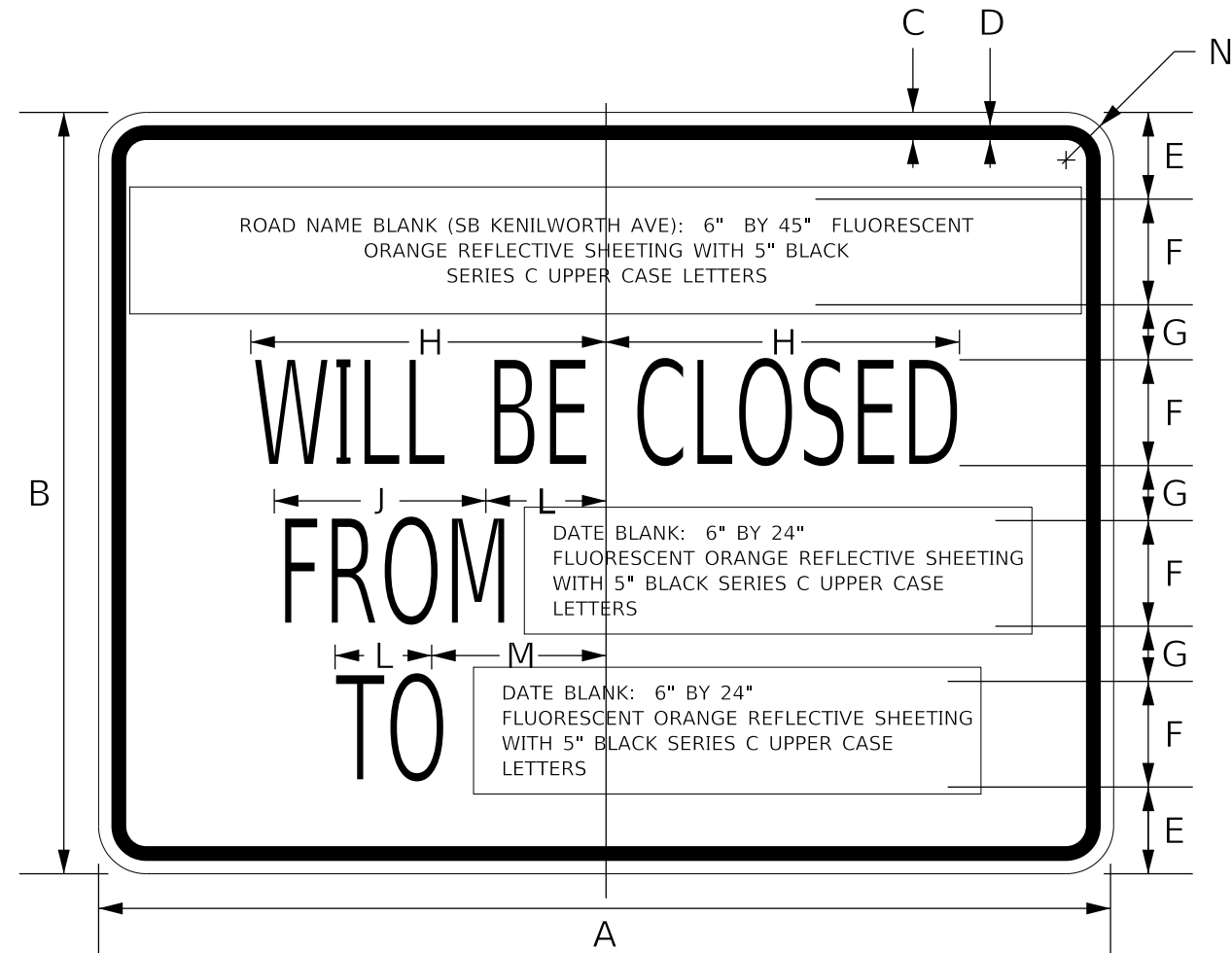
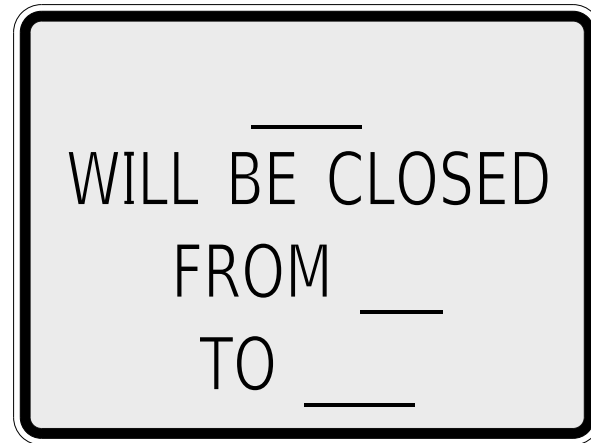
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	36
				CONTRACT NO. 61G87
ILLINOIS FED. AID PROJECT				

NUMBER OF SIGNS 5



DATES SHOWN ARE FOR EXAMPLE ONLY

NUMBER OF SIGNS 4



DIMENSIONS (ENGLISH)

- A 48"
- B 36"
- C 5/8"
- D 7/8"
- E 4 1/8"
- F 5"
- G 2 5/8"
- H 9 3/4"
- J 12"
- K 5 1/2"
- L 5 1/2"
- M 8 1/2"
- N 2 1/4"

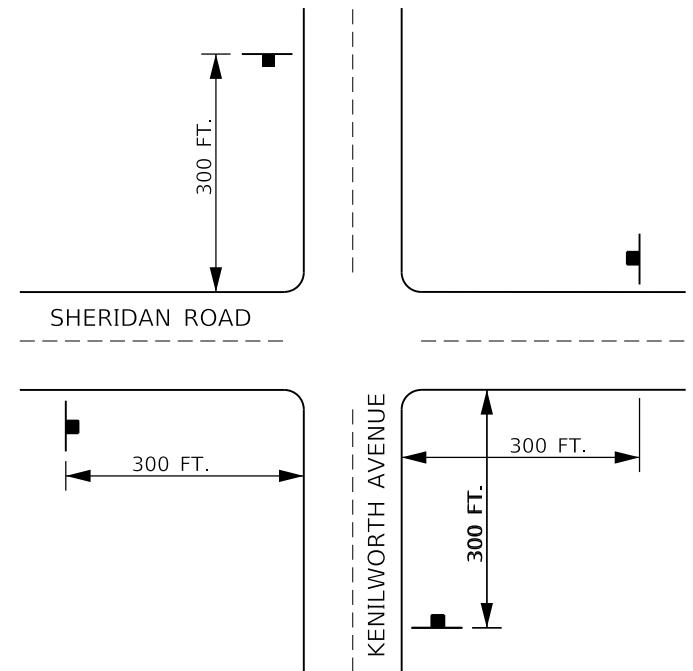
NOTE: SIGN SHEETING SHALL BE FLUORESCENT ORANGE WITH 5 INCH (125 mm) BLACK SERIES C LETTERS

LOCATIONS OF PRE-DETOUR INFORMATION SIGNS BY INTERSECTION

- E.B. SHERIDAN ROAD APPROACHING KENILWORTH AVENUE
- W.B. SHERIDAN ROAD APPROACHING KENILWORTH AVENUE
- N.B. KENILWORTH APPROACHING SHERIDAN ROAD
- S.B. KENILWORTH APPROACHING SHERIDAN ROAD

NOTE: THESE SIGNS SHALL BE INSTALLED 7-10 CALENDAR DAYS PRIOR TO THE DETOUR AND ROAD CLOSURE. THE SIGNS SHALL BE REMOVED THE DAY THE DETOUR BEGINS.

SIGN LAYOUT FOR PRE-DETOUR INFORMATION SIGNS AT THE INTERSECTION OF SHERIDAN ROAD AND KENILWORTH AVENUE.



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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				

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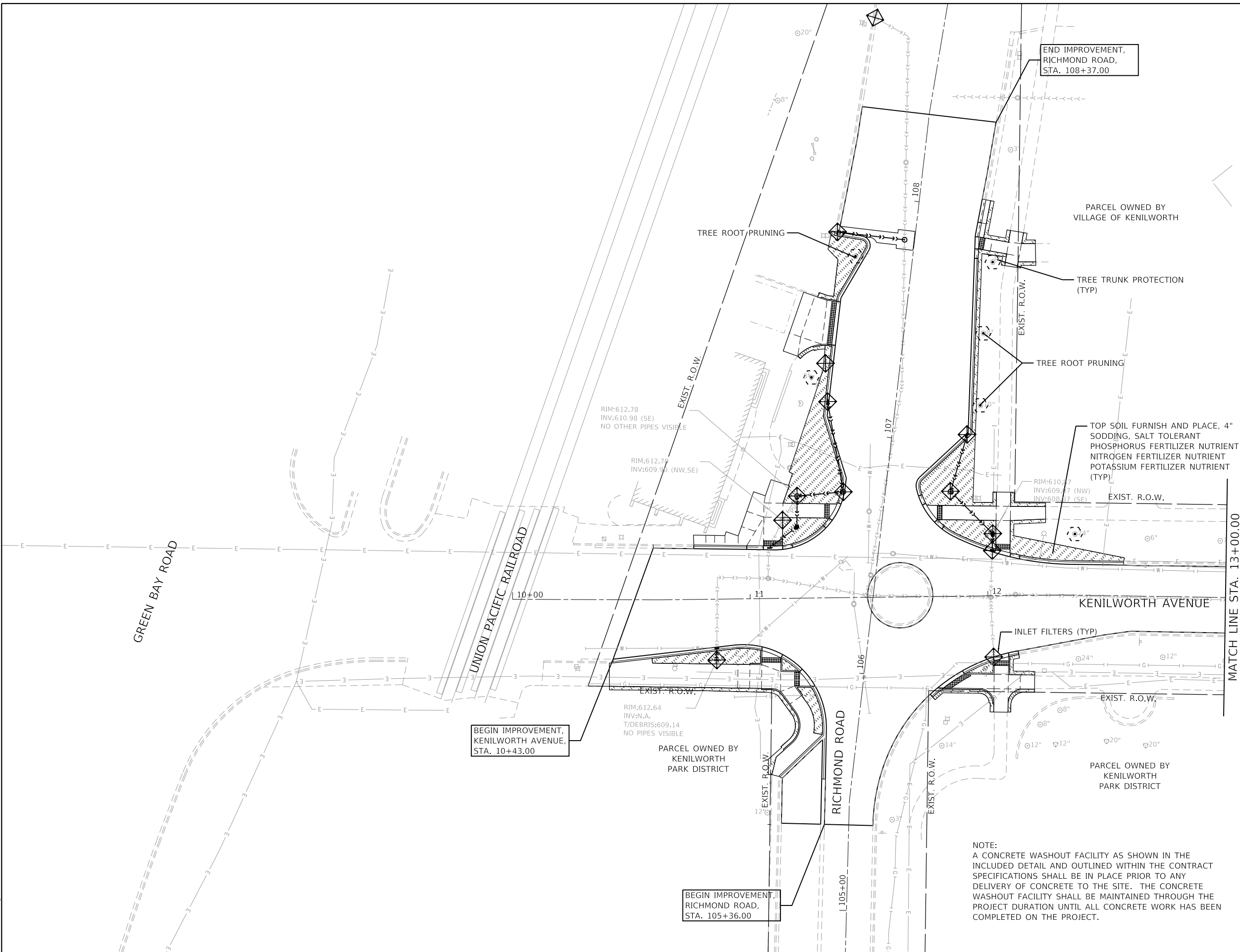
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLAN
KENILWORTH AVENUE**

SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. 10+00 TO STA. 13+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	38
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



LEGEND

- TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT PHOSPHORUS FERTILIZER NUTRIENT NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT (TYP)
- TEMPORARY EROSION CONTROL SEEDING
- SUPPLEMENTAL WATERING
- INLET FILTERS
- TREE TRUNK PROTECTION

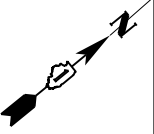
NOTE:
A CONCRETE WASHOUT FACILITY AS SHOWN IN THE INCLUDED DETAIL AND OUTLINED WITHIN THE CONTRACT SPECIFICATIONS SHALL BE IN PLACE PRIOR TO ANY DELIVERY OF CONCRETE TO THE SITE. THE CONCRETE WASHOUT FACILITY SHALL BE MAINTAINED THROUGH THE PROJECT DURATION UNTIL ALL CONCRETE WORK HAS BEEN COMPLETED ON THE PROJECT.

BEGIN IMPROVEMENT, KENILWORTH AVENUE, STA. 10+43.00

BEGIN IMPROVEMENT, RICHMOND ROAD, STA. 105+36.00

END IMPROVEMENT, RICHMOND ROAD, STA. 108+37.00

MATCH LINE STA. 13+00.00



PARCEL OWNED BY
KENILWORTH
PARK DISTRICT

RESURFACING LIMIT
46.0' LT

TOP SOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
PHOSPHORUS FERTILIZER NUTRIENT
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
(TYP)

MATCH LINE STA. 13+00.00

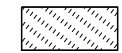
MATCH LINE STA. 18+00.00

KENILWORTH AVENUE

CUMNOR ROAD

RESURFACING LIMIT
46.0' RT

LEGEND



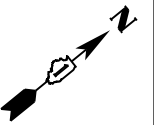
TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
TEMPORARY EROSION CONTROL SEEDING
SUPPLEMENTAL WATERING



INLET FILTERS



TREE TRUNK PROTECTION



TOP SOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
PHOSPHORUS FERTILIZER NUTRIENT
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
(TYP)

RESURFACING LIMIT
46.0' LT

MATCH LINE STA. 18+00.00

MATCH LINE STA. 23+00.00

KENILWORTH AVENUE

ABBOTSFORD ROAD

RESURFACING LIMIT
46.0' RT

NOTE:
A CONCRETE WASHOUT FACILITY AS SHOWN IN THE
INCLUDED DETAIL AND OUTLINED WITHIN THE CONTRACT
SPECIFICATIONS SHALL BE IN PLACE PRIOR TO ANY
DELIVERY OF CONCRETE TO THE SITE. THE CONCRETE
WASHOUT FACILITY SHALL BE MAINTAINED THROUGH THE
PROJECT DURATION UNTIL ALL CONCRETE WORK HAS BEEN
COMPLETED ON THE PROJECT.



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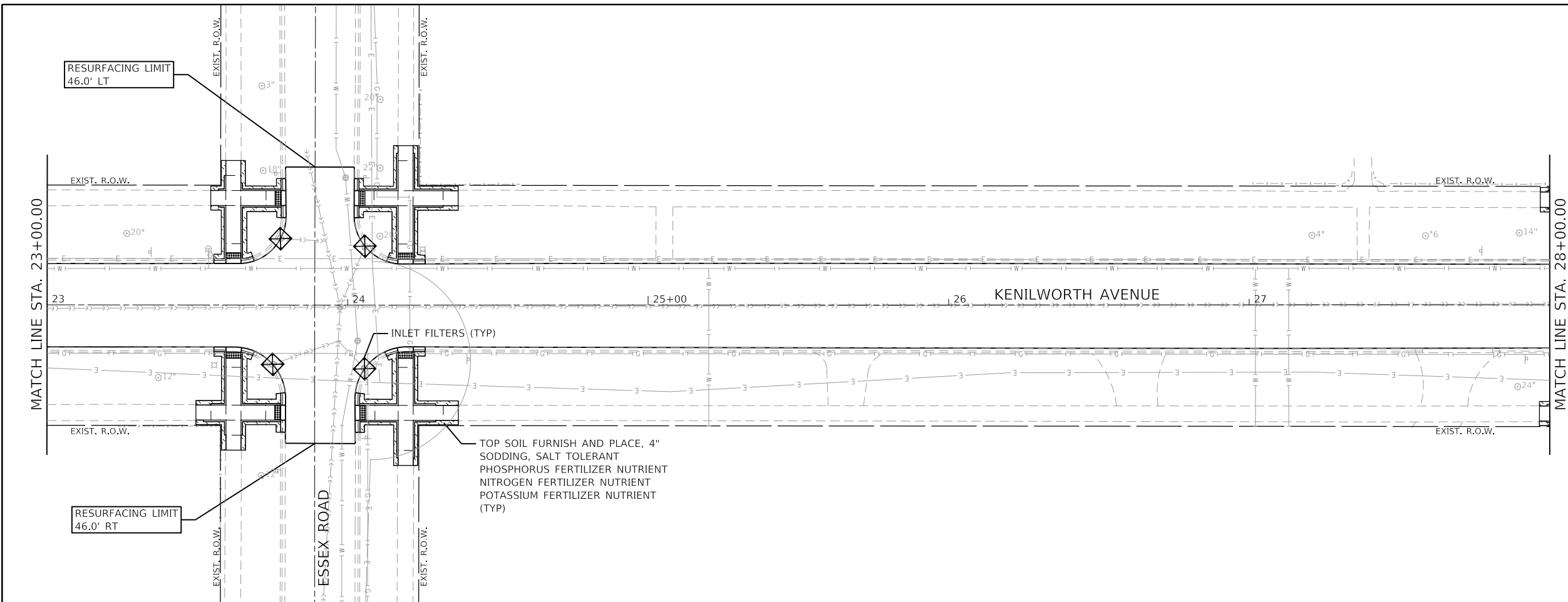
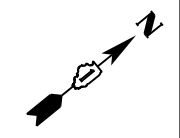
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION






LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLAN
KENILWORTH AVENUE

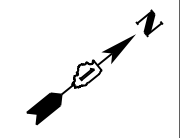
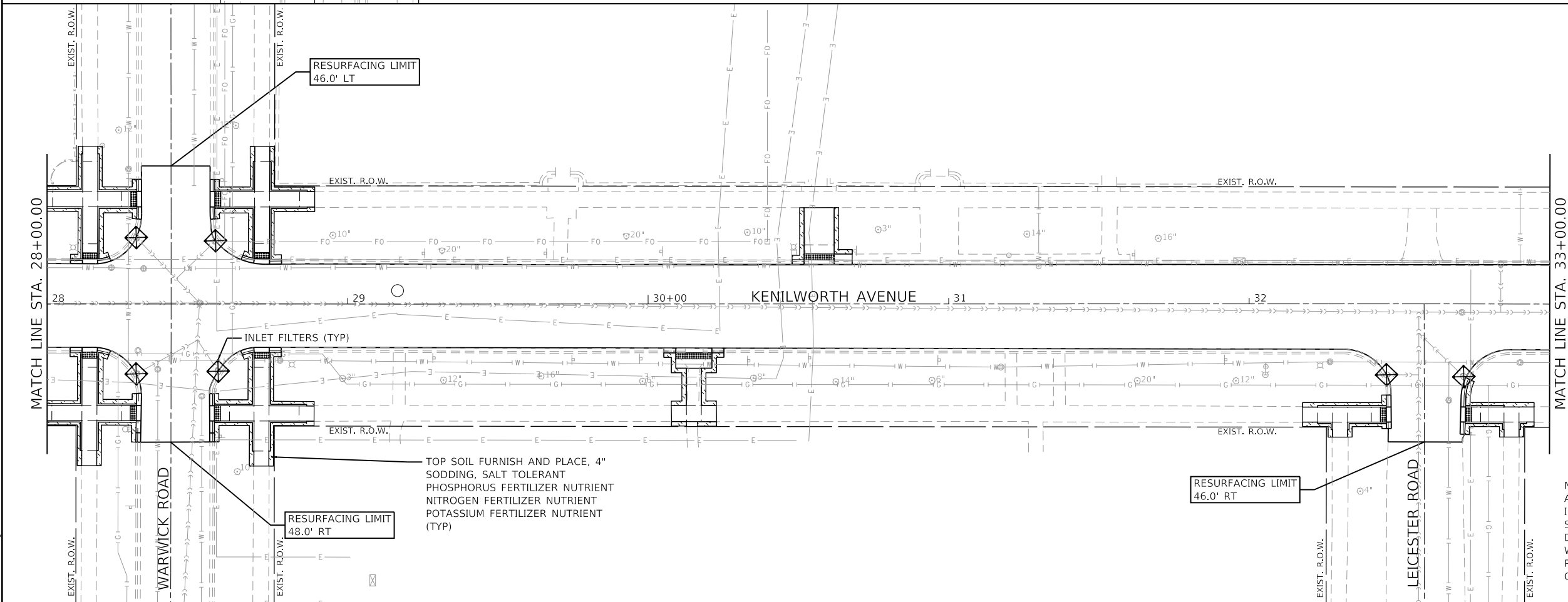
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	39
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



LEGEND

-  TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
-  TEMPORARY EROSION CONTROL SEEDING
-  SUPPLEMENTAL WATERING
-  INLET FILTERS
-  TREE TRUNK PROTECTION



NOTE:
A CONCRETE WASHOUT FACILITY AS SHOWN IN THE INCLUDED DETAIL AND OUTLINED WITHIN THE CONTRACT SPECIFICATIONS SHALL BE IN PLACE PRIOR TO ANY DELIVERY OF CONCRETE TO THE SITE. THE CONCRETE WASHOUT FACILITY SHALL BE MAINTAINED THROUGH THE PROJECT DURATION UNTIL ALL CONCRETE WORK HAS BEEN COMPLETED ON THE PROJECT.

GHA GEWALT HAMILTON ASSOCIATES, INC.

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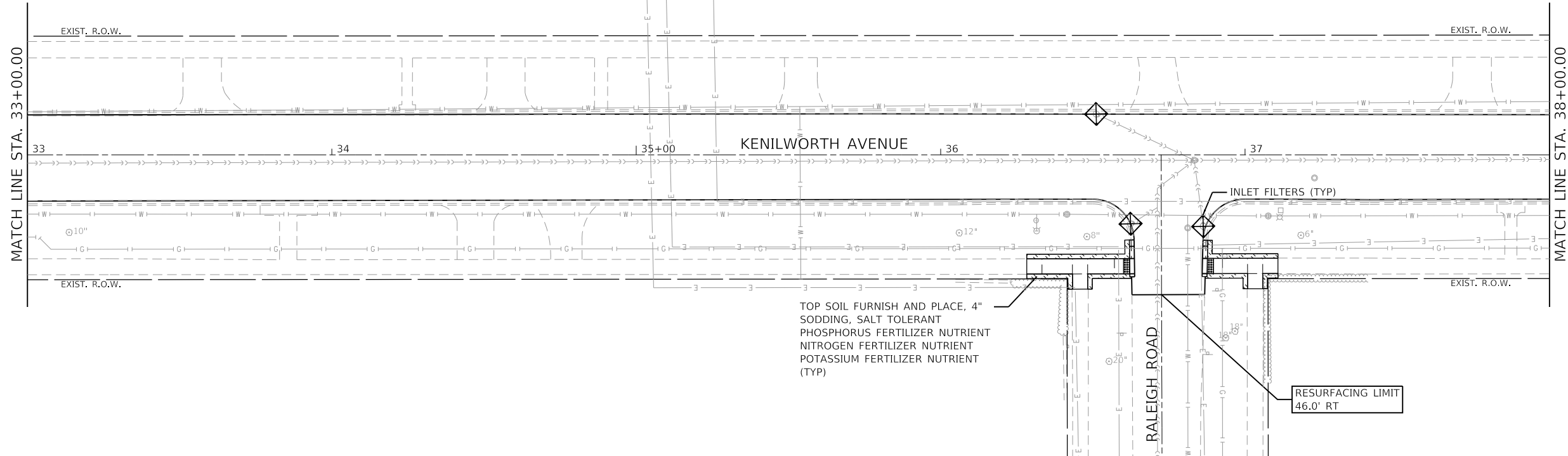
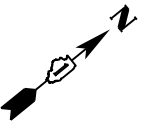
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DATE -	11/5/2020	REVISED -	





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

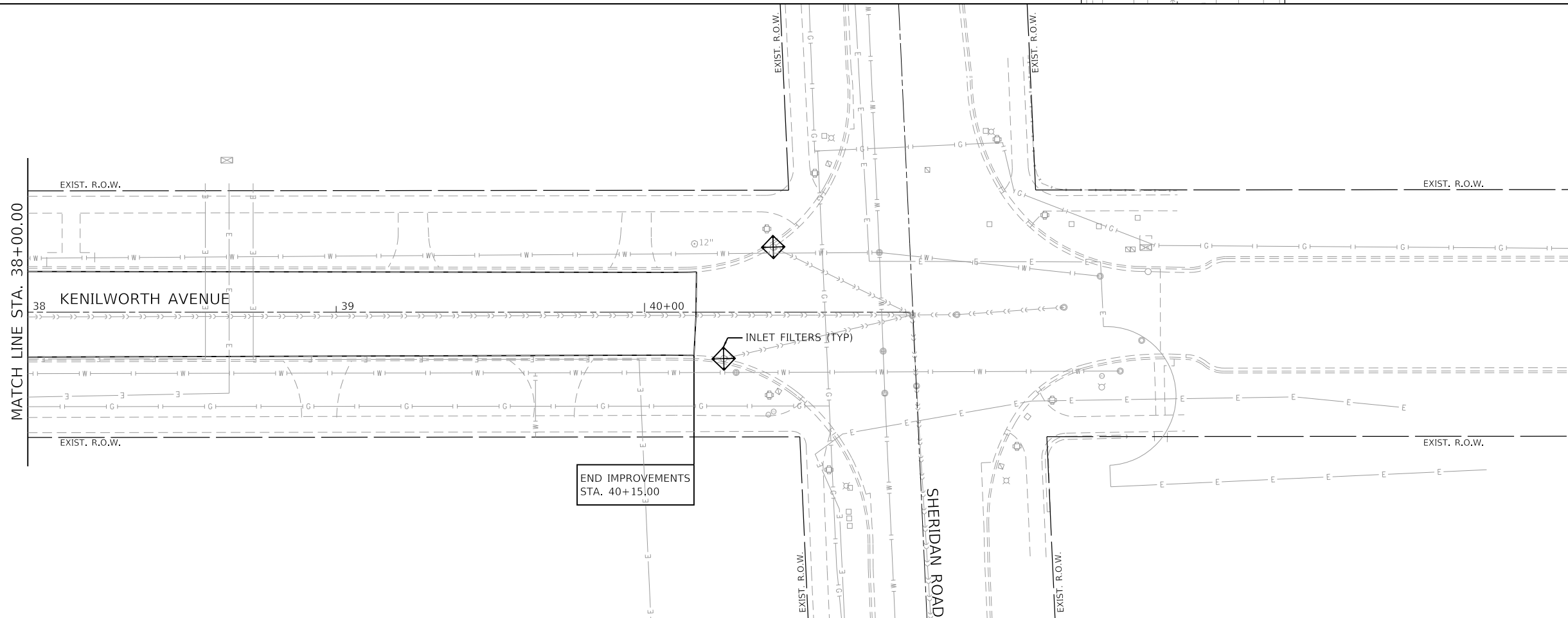
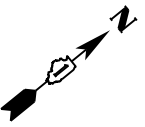
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLAN
KENILWORTH AVENUE
SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 23+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	40
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



LEGEND

-  TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTERS
-  TREE TRUNK PROTECTION



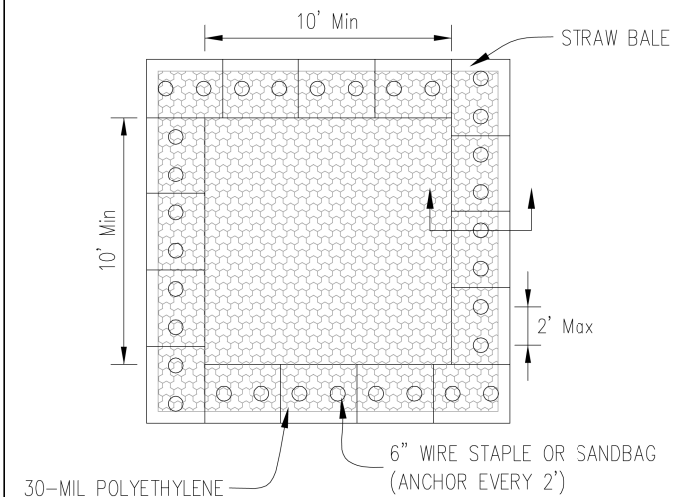
GHA GEWALT HAMILTON ASSOCIATES, INC.

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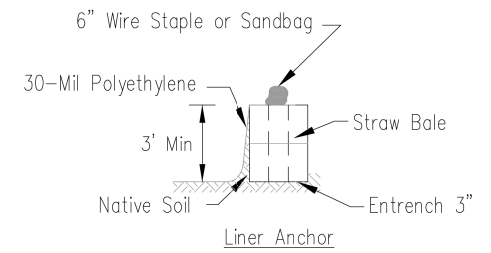
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLAN
KENILWORTH AVENUE
 SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 33+00 TO STA. 40+87

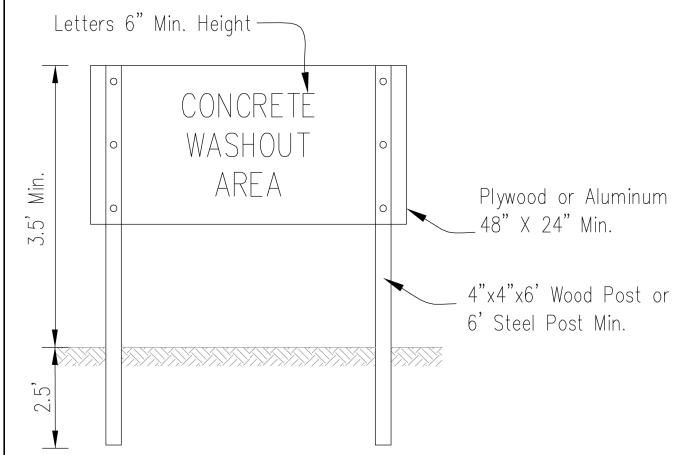
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1669	17-00034-00-R5	COOK	74	41
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



STRAW BALE ANCHOR SECTIONS



SIGN DETAIL

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

Sheet 1 of 3	Drawn By JLM-65459	File No. 65459	Date
TEMPORARY CONCRETE WASHOUT FACILITY – STRAW BALE			Designed _____
			Drawn B. JOHNSON 6/08
			Checked _____
			Approved _____

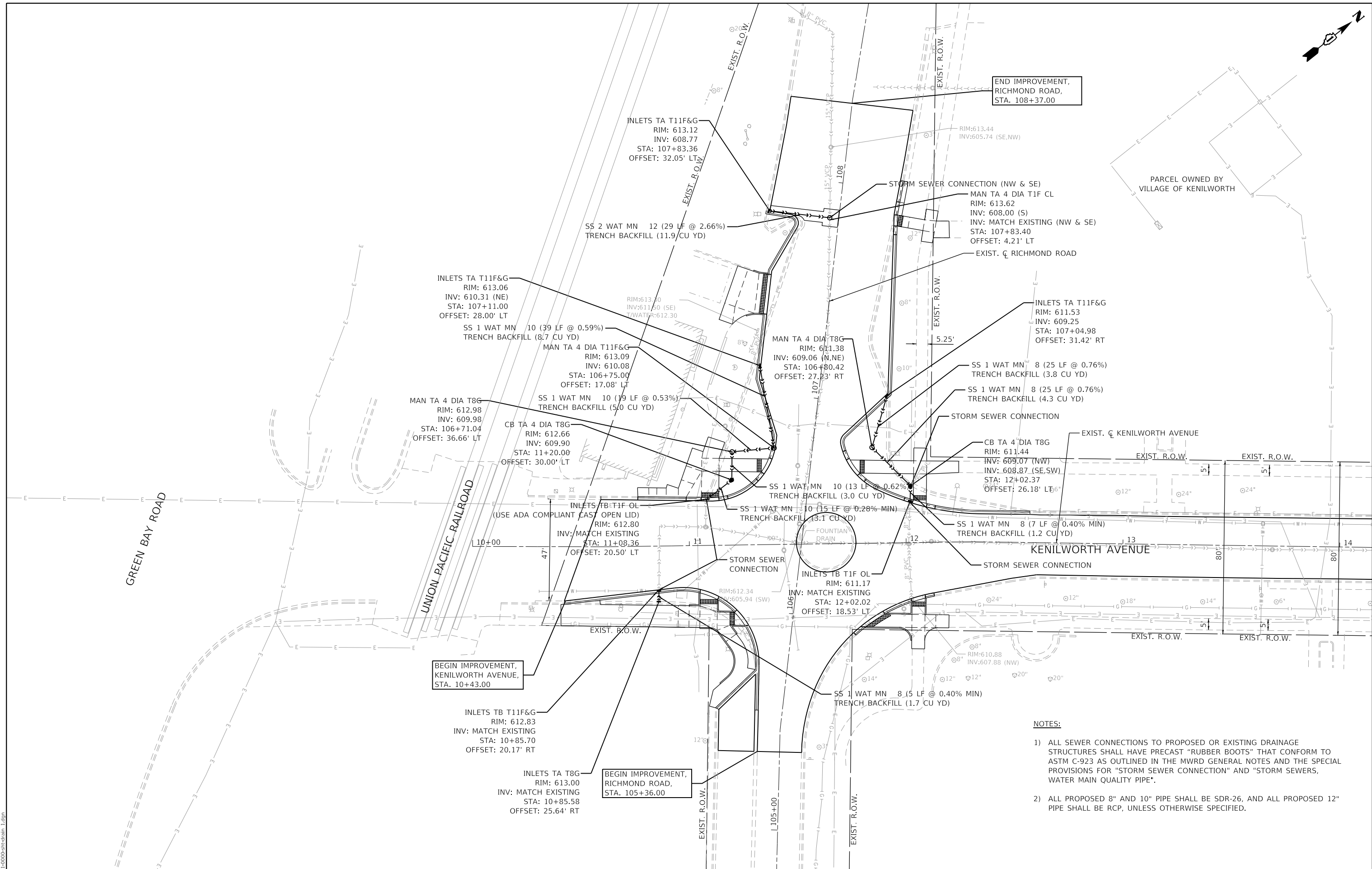
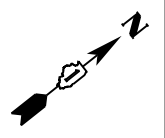
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CHECKED - KLB	REVISED -
DATE - 11/5/2020	REVISED -

EROSION CONTROL DETAILS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	42
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



END IMPROVEMENT,
RICHMOND ROAD,
STA. 108+37.00

PARCEL OWNED BY
VILLAGE OF KENILWORTH

BEGIN IMPROVEMENT,
KENILWORTH AVENUE,
STA. 10+43.00

BEGIN IMPROVEMENT,
RICHMOND ROAD,
STA. 105+36.00

- NOTES:**
- 1) ALL SEWER CONNECTIONS TO PROPOSED OR EXISTING DRAINAGE STRUCTURES SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 AS OUTLINED IN THE MWRD GENERAL NOTES AND THE SPECIAL PROVISIONS FOR "STORM SEWER CONNECTION" AND "STORM SEWERS, WATER MAIN QUALITY PIPE".
 - 2) ALL PROPOSED 8" AND 10" PIPE SHALL BE SDR-26, AND ALL PROPOSED 12" PIPE SHALL BE RCP, UNLESS OTHERWISE SPECIFIED.

GHA GEWALT HAMILTON ASSOCIATES, INC.

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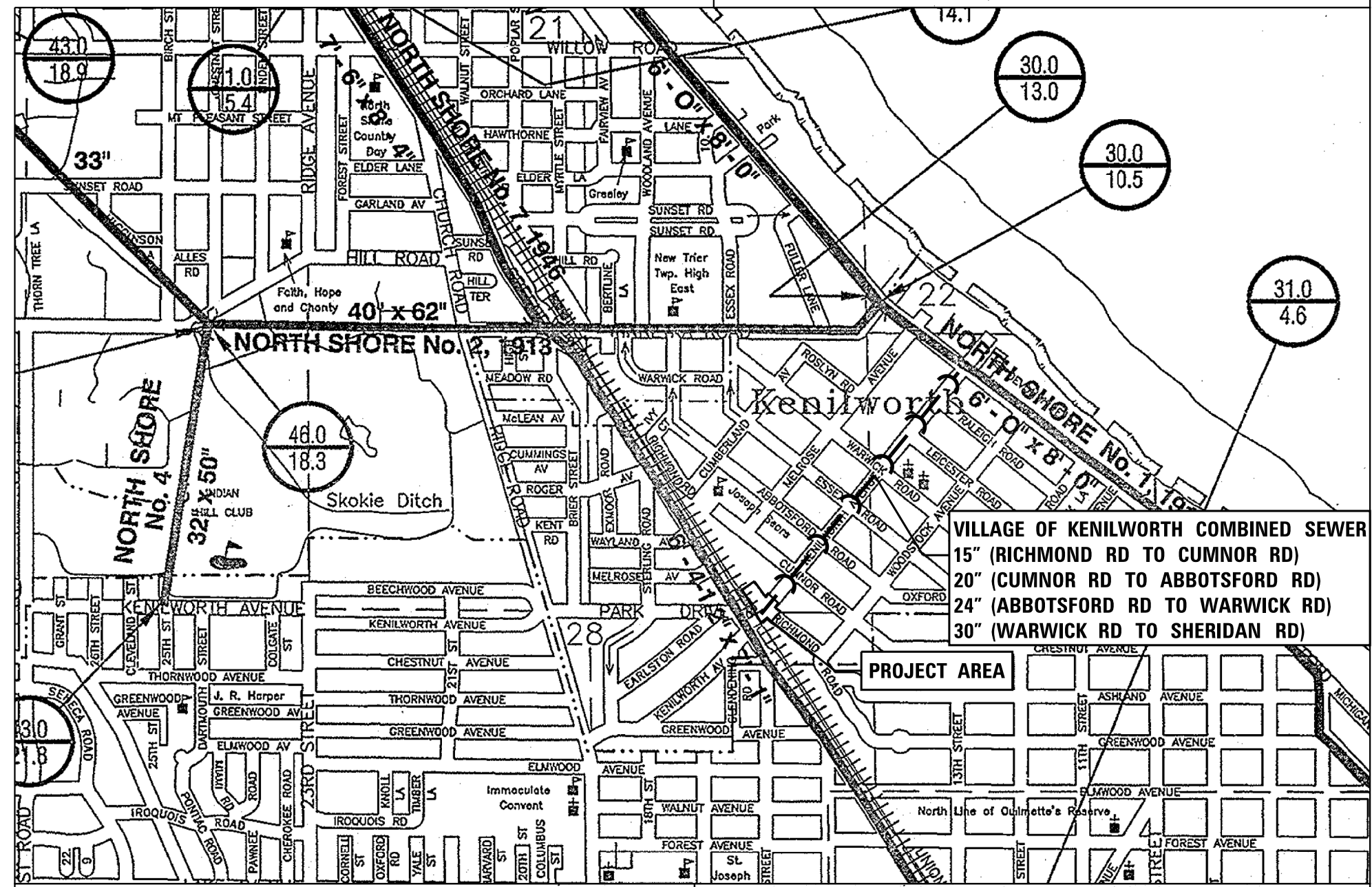
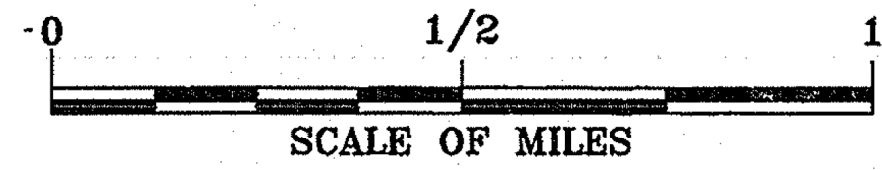
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DRAWN - MJV	REVISD -
CHECKED - KLB	REVISD -
DATE - 11/5/2020	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & UTILITY PLAN
KENILWORTH AVENUE AT RICHMOND ROAD**

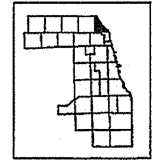
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	43
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



VILLAGE OF KENILWORTH COMBINED SEWER
 15" (RICHMOND RD TO CUMNOR RD)
 20" (CUMNOR RD TO ABBOTSFORD RD)
 24" (ABBOTSFORD RD TO WARWICK RD)
 30" (WARWICK RD TO SHERIDAN RD)

5 Townships 42 North Range 13 East
 Cook County, Illinois
 New Trier Township
 Evanston Township



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
 LOCATION OF INTERCEPTING SEWERS,
 PUMPING STATIONS, WATER RECLAMATION
 PLANTS AND BOUNDARIES.

M.W.R.D. BOUNDARY □□□□□
 M.W.R.D. SEWERS ██████████
 55.0 GROUND ELEVATION CCD
 38.5 SEWER INVERT ELEVATION CCD

5

5-1-2002

GHA GEWALT HAMILTON ASSOCIATES, INC.
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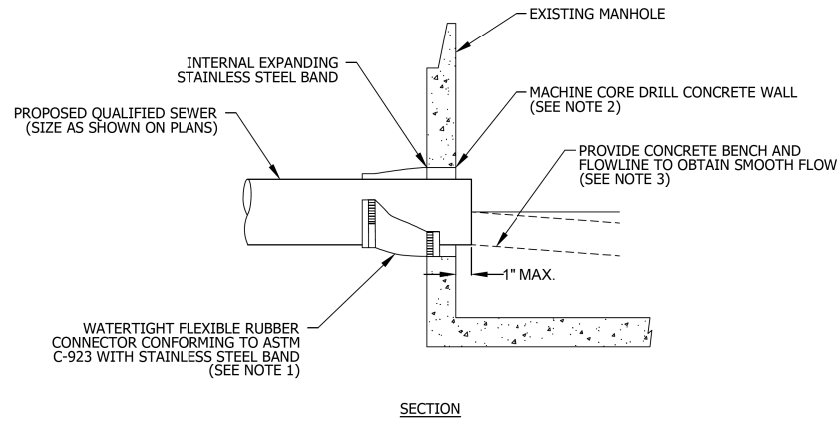
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Default	PLOT DATE = 11/5/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MWRD SEWER ROUTING MAP

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	44
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



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



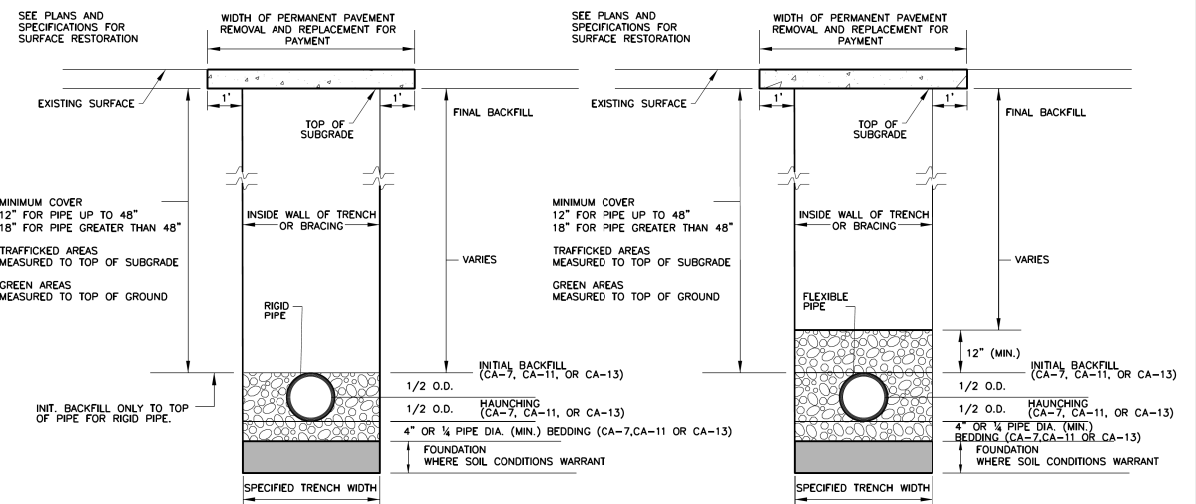
TECHNICAL GUIDANCE MANUAL
PIPE TO EXISTING MANHOLE CONNECTION DETAIL

NOT TO SCALE

10/02/18

STD. DWG. NO. 42

PAGE NO. 43



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

NOT TO SCALE



TECHNICAL GUIDANCE MANUAL
RIGID AND FLEXIBLE PIPE INSTALLATION DETAIL

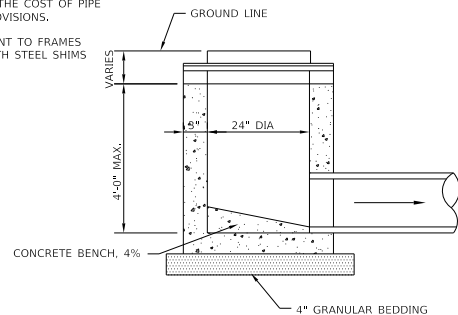
7/1/15

STD. DWG. NO. 34

PAGE NO. 35

NOTES:

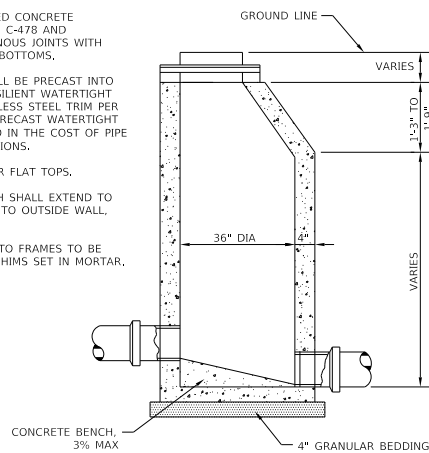
1. SEE STORM TABLE FOR FURTHER REQUIREMENTS.
2. PRECAST REINFORCED CONCRETE SECTIONS PER ASTM C-478 AND PREFORMED BITUMINOUS JOINTS WITH INTEGRAL PRECAST BOTTOMS.
3. PIPE OPENINGS SHALL BE PRECAST INTO WALLS. CAST IN RESILIENT WATERTIGHT SLEEVE WITH STAINLESS STEEL TRIM PER ASTM C-923. THE PRECAST WATERTIGHT SLEEVE IS INCLUDED IN THE COST OF PIPE PER SPECIAL PROVISIONS.
4. FINAL ADJUSTMENT TO FRAMES TO BE DONE WITH STEEL SHIMS SET IN MORTAR.



INLET TYPE A
COMBINED SEWER

NOTES:

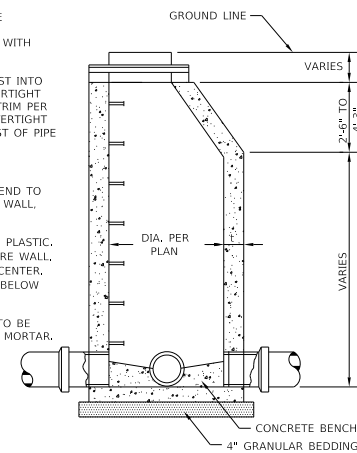
1. SEE STORM TABLE FOR FURTHER REQUIREMENTS.
2. PRECAST REINFORCED CONCRETE SECTIONS PER ASTM C-478 AND PREFORMED BITUMINOUS JOINTS WITH INTEGRAL PRECAST BOTTOMS.
3. PIPE OPENINGS SHALL BE PRECAST INTO WALLS. CAST IN RESILIENT WATERTIGHT SLEEVE WITH STAINLESS STEEL TRIM PER ASTM C-923. THE PRECAST WATERTIGHT SLEEVE IS INCLUDED IN THE COST OF PIPE PER SPECIAL PROVISIONS.
4. I.D.O.T #602601 FOR FLAT TOPS.
5. PRECAST PCC BENCH SHALL EXTEND TO CROWN AND SLOPE TO OUTSIDE WALL. SMOOTH FINISH.
6. FINAL ADJUSTMENT TO FRAMES TO BE DONE WITH STEEL SHIMS SET IN MORTAR.



INLET TYPE B
COMBINED SEWER

NOTES:

1. SEE STORM TABLE FOR FURTHER REQUIREMENTS.
2. PRECAST REINFORCED CONCRETE SECTIONS PER ASTM C-478 AND PREFORMED BITUMINOUS JOINTS WITH INTEGRAL PRECAST BOTTOMS.
3. PIPE OPENINGS SHALL BE PRECAST INTO WALLS. CAST IN RESILIENT WATERTIGHT SLEEVE WITH STAINLESS STEEL TRIM PER ASTM C-923. THE PRECAST WATERTIGHT SLEEVE IS INCLUDED IN THE COST OF PIPE PER SPECIAL PROVISIONS.
4. I.D.O.T #602601 FOR FLAT TOPS.
5. PRECAST PCC BENCH SHALL EXTEND TO CROWN AND SLOPE TO OUTSIDE WALL. SMOOTH FINISH.
6. STEPS TO BE STEEL REINFORCED PLASTIC. A. IMBEDDED 3" INTO STRUCTURE WALL. B. SPACED AT 16" CENTER TO CENTER. C. FIRST STEP LOCATED 8"-12" BELOW FRAME.
7. FINAL ADJUSTMENT TO FRAMES TO BE DONE WITH STEEL SHIMS SET IN MORTAR.

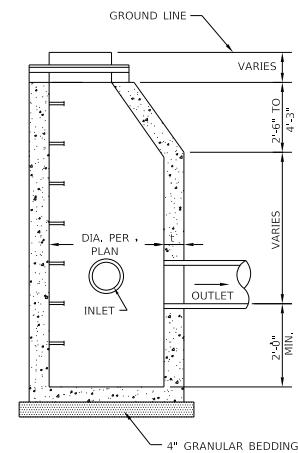


STORM MANHOLE TYPE A
COMBINED SEWER

DIA.	MIN. THICKNESS (I)
48"	4"
60"	5"
72"	6"

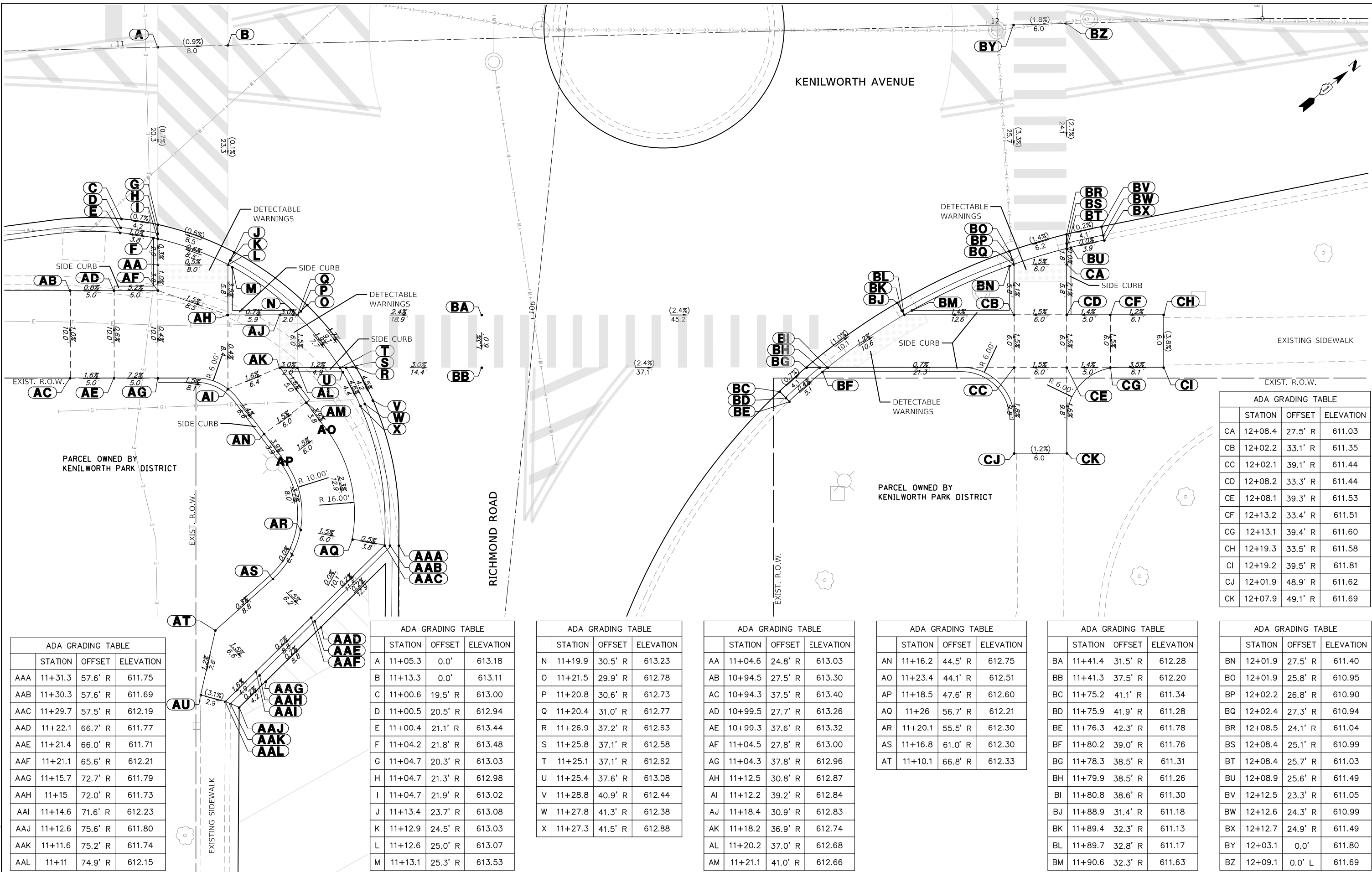
NOTES:

1. SEE STORM TABLE FOR FURTHER REQUIREMENTS.
2. PRECAST REINFORCED CONCRETE SECTIONS PER ASTM C-478 AND PREFORMED BITUMINOUS JOINTS WITH INTEGRAL PRECAST BOTTOMS.
3. PIPE OPENINGS SHALL BE PRECAST INTO WALLS. CAST IN RESILIENT WATERTIGHT SLEEVE WITH STAINLESS STEEL TRIM PER ASTM C-923. THE PRECAST WATERTIGHT SLEEVE IS INCLUDED IN THE COST OF PIPE PER SPECIAL PROVISIONS.
4. I.D.O.T #602601 FOR FLAT TOPS.
5. PRECAST PCC BENCH SHALL EXTEND TO CROWN AND SLOPE TO OUTSIDE WALL. SMOOTH FINISH.
6. STEPS TO BE STEEL REINFORCED PLASTIC. A. IMBEDDED 3" INTO STRUCTURE WALL. B. SPACED AT 16" CENTER TO CENTER. C. FIRST STEP LOCATED 8"-12" BELOW FRAME.
7. FINAL ADJUSTMENT TO FRAMES TO BE DONE WITH STEEL SHIMS SET IN MORTAR.



CATCH BASIN TYPE A
COMBINED SEWER

DIA.	MIN. THICKNESS (I)
48"	4"
60"	5"
72"	6"



ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
AAA	11+31.3	57.6' R	611.75
AAB	11+30.3	57.6' R	611.69
AAC	11+29.7	57.5' R	612.19
AAD	11+22.1	66.7' R	611.77
AAE	11+21.4	66.0' R	611.71
AAF	11+21.1	65.6' R	612.21
AAG	11+15.7	72.7' R	611.79
AAH	11+15	72.0' R	611.73
AAI	11+14.6	71.6' R	612.23
AAJ	11+12.6	75.6' R	611.80
AAK	11+11.6	75.2' R	611.74
AAL	11+11	74.9' R	612.15

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
A	11+05.3	0.0'	613.18
B	11+13.3	0.0'	613.11
C	11+00.6	19.5' R	613.00
D	11+00.5	20.5' R	612.94
E	11+00.4	21.1' R	613.44
F	11+04.2	21.8' R	613.48
G	11+04.7	20.3' R	613.03
H	11+04.7	21.3' R	612.98
I	11+04.7	21.9' R	613.02
J	11+13.4	23.7' R	613.08
K	11+12.9	24.5' R	613.03
L	11+12.6	25.0' R	613.07
M	11+13.1	25.3' R	613.53

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
N	11+19.9	30.5' R	613.23
O	11+21.5	29.9' R	612.78
P	11+20.8	30.6' R	612.73
Q	11+20.4	31.0' R	612.77
R	11+26.9	37.2' R	612.63
S	11+25.8	37.1' R	612.58
T	11+25.1	37.1' R	612.62
U	11+25.4	37.6' R	613.08
V	11+28.8	40.9' R	612.44
W	11+27.8	41.3' R	612.38
X	11+27.3	41.5' R	612.88

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
AA	11+04.6	24.8' R	613.03
AB	10+94.5	27.5' R	613.30
AC	10+94.3	37.5' R	613.40
AD	10+99.5	27.7' R	613.26
AE	10+99.3	37.6' R	613.32
AF	11+04.5	27.8' R	613.00
AG	11+04.3	37.8' R	612.96
AH	11+12.5	30.8' R	612.87
AI	11+12.2	39.2' R	612.84
AJ	11+18.4	30.9' R	612.83
AK	11+18.2	36.9' R	612.74
AL	11+20.2	37.0' R	612.68
AM	11+21.1	41.0' R	612.66

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
AN	11+16.2	44.5' R	612.75
AO	11+23.4	44.1' R	612.51
AP	11+18.5	47.6' R	612.60
AQ	11+26	56.7' R	612.21
AR	11+20.1	55.5' R	612.30
AS	11+16.8	61.0' R	612.30
AT	11+10.1	66.8' R	612.33

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
BA	11+41.4	31.5' R	612.28
BB	11+41.3	37.5' R	612.20
BC	11+75.2	41.1' R	611.34
BD	11+75.9	41.9' R	611.28
BE	11+76.3	42.3' R	611.78
BF	11+80.2	39.0' R	611.76
BG	11+78.3	38.5' R	611.31
BH	11+79.9	38.5' R	611.26
BI	11+80.8	38.6' R	611.30
BJ	11+88.9	31.4' R	611.18
BK	11+89.4	32.3' R	611.13
BL	11+89.7	32.8' R	611.17
BM	11+90.6	32.3' R	611.63

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
BN	12+01.9	27.5' R	611.40
BO	12+01.9	25.8' R	610.95
BP	12+02.2	26.8' R	610.90
BQ	12+02.4	27.3' R	610.94
BR	12+08.5	24.1' R	611.04
BS	12+08.4	25.1' R	610.99
BT	12+08.4	25.7' R	611.03
BU	12+08.9	25.6' R	611.49
BV	12+12.5	23.3' R	611.05
BW	12+12.6	24.3' R	610.99
BX	12+12.7	24.9' R	611.49
BY	12+03.1	0.0'	611.80
BZ	12+09.1	0.0' L	611.69

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
CA	12+08.4	27.5' R	611.03
CB	12+02.2	33.1' R	611.35
CC	12+02.1	39.1' R	611.44
CD	12+08.2	33.3' R	611.44
CE	12+08.1	39.3' R	611.53
CF	12+13.2	33.4' R	611.51
CG	12+13.1	39.4' R	611.60
CH	12+19.3	33.5' R	611.58
CI	12+19.2	39.5' R	611.81
CJ	12+01.9	48.9' R	611.62
CK	12+07.9	49.1' R	611.69

GHA GEWALT HAMILTON ASSOCIATES, INC.
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 PLOT DATE = 11/5/2020

DESIGNED - MJV
 DRAWN - PJS
 CHECKED - KLB
 DATE - 11/5/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
 KENILWORTH AVENUE**

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

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 46
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G87	

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	10+98.8	20.8' L	612.98
DB	10+98.8	21.8' L	612.92
DC	10+98.8	22.4' L	613.42
DD	11+05.8	20.6' L	612.86
DE	11+05.8	21.6' L	612.81
DF	11+05.8	22.2' L	612.85
DG	11+14	20.6' L	612.87
DH	11+13.9	21.6' L	612.82
DI	11+13.8	22.2' L	612.86
DJ	11+18.2	21.3' L	612.93
DK	11+17.9	22.3' L	612.87
DL	11+17.8	22.9' L	613.37
DM	11+32.2	29.4' L	613.16

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DN	11+31.5	30.1' L	613.10
DO	11+31.1	30.5' L	613.60
DP	11+34.9	32.6' L	613.15
DQ	11+34.1	33.2' L	613.10
DR	11+33.7	33.5' L	613.14
DS	11+38.7	39.4' L	613.09
DT	11+37.8	39.8' L	613.04
DU	11+37.2	40.0' L	613.08
DV	11+40	43.4' L	613.09
DW	11+39	43.7' L	613.03
DX	11+38.4	43.8' L	613.53
DY	11+53.8	33.0' L	612.82
DZ	11+54	39.0' L	612.88

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EA	11+33.8	39.5' L	613.11
EB	11+06.1	34.3' L	613.32
EC	11+14.1	34.1' L	613.18
ED	11+06.3	40.3' L	613.19
EE	11+14.3	40.1' L	613.17
EF	11+06.9	43.3' L	613.31
EG	11+09.4	50.0' L	613.33
EH	11+17	47.4' L	613.14
EI	10+76.4	27.1' L	613.81
EJ	10+81.6	26.9' L	613.62
EK	10+85.4	26.9' L	613.62
EL	10+89.7	26.7' L	613.57
EM	10+90.2	28.3' L	613.58

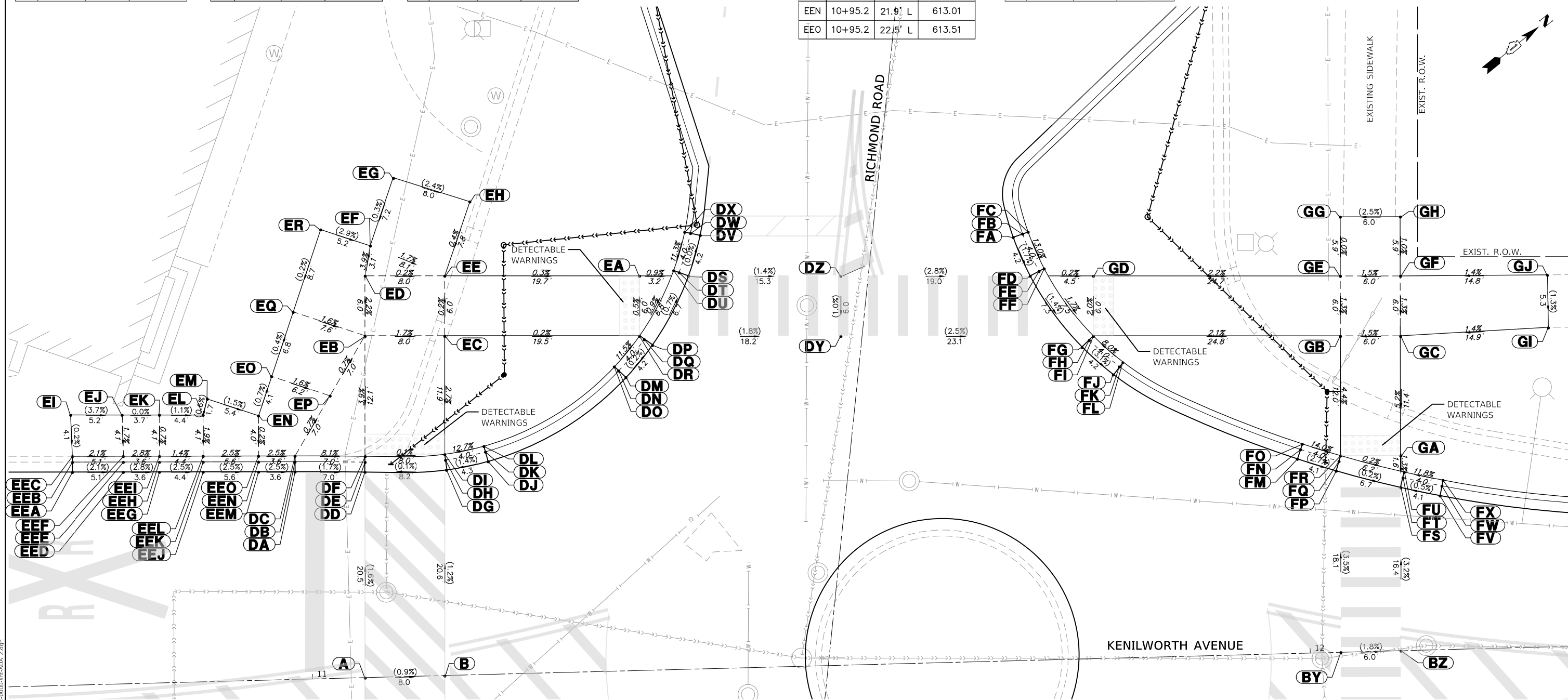
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EN	10+95.3	26.5' L	613.50
EO	10+96.7	30.4' L	613.47
EP	11+02.5	28.3' L	613.37
EQ	10+99	36.8' L	613.44
ER	11+02	45.0' L	613.46

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EEA	10+76.5	21.4' L	613.53
EEB	10+76.5	22.4' L	613.47
EEC	10+76.5	22.9' L	613.80
EED	10+81.6	21.2' L	613.42
EEE	10+81.6	22.2' L	613.36
EEF	10+81.6	22.8' L	613.69
EEG	10+85.2	21.1' L	613.32
EEH	10+85.2	22.1' L	613.26
EEI	10+85.3	22.7' L	613.59
EEJ	10+89.6	21.0' L	613.21
EEK	10+89.6	22.0' L	613.16
EEL	10+89.6	22.6' L	613.65
EEM	10+95.1	20.9' L	613.07
EEN	10+95.2	21.9' L	613.01
EEO	10+95.2	22.5' L	613.51

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FA	11+71.3	42.4' L	612.42
FB	11+72.3	42.7' L	612.36
FC	11+72.8	42.9' L	612.86
FD	11+72.9	38.5' L	612.35
FE	11+73.8	39.0' L	612.30
FF	11+74.3	39.2' L	612.34
FG	11+77.9	31.3' L	612.21
FH	11+78.7	32.0' L	612.16
FI	11+79.1	32.4' L	612.20
FJ	11+81	28.4' L	612.08
FK	11+81.7	29.2' L	612.02
FL	11+82	29.6' L	612.52
FM	11+99.2	19.5' L	611.28

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FN	11+99.6	20.4' L	611.22
FO	11+99.8	21.0' L	611.72
FP	12+03.1	18.2' L	611.17
FQ	12+03.4	19.1' L	611.12
FR	12+03.5	19.7' L	611.16
FS	12+09.5	16.4' L	611.16
FT	12+09.7	17.3' L	611.11
FU	12+09.9	17.9' L	611.15
FV	12+13.4	15.4' L	611.18
FW	12+13.6	16.4' L	611.12
FX	12+13.8	17.0' L	611.62

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
GA	12+09.5	19.6' L	611.17
GB	12+03.8	31.7' L	611.69
GC	12+09.8	31.6' L	611.78
GD	11+79.2	38.4' L	612.32
GE	12+04	37.7' L	611.77
GF	12+10	37.6' L	611.86
GG	12+04.1	43.6' L	611.77
GH	12+10.1	43.5' L	611.92
GI	12+24.7	32.0' L	611.99
GJ	12+24.7	37.3' L	612.06



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PLOT DATE = 11/5/2020

USER NAME = mvacak
PLOT SCALE = 1:5
PLOT DATE = 11/5/2020

DESIGNED - MJV
DRAWN - PJS
CHECKED - KLB
DATE - 11/5/2020

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
KENILWORTH AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	47
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				

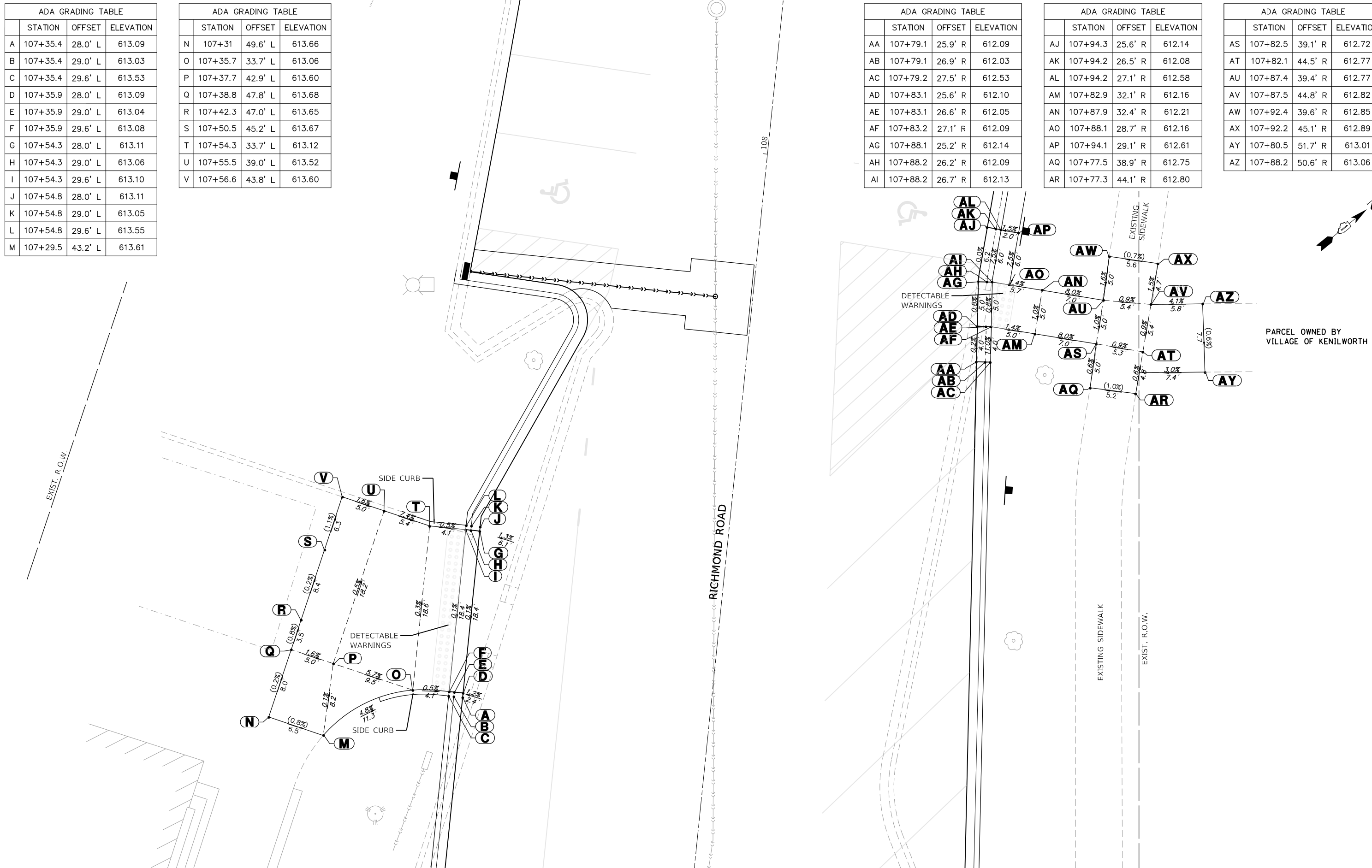
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	107+35.4	28.0' L	613.09
B	107+35.4	29.0' L	613.03
C	107+35.4	29.6' L	613.53
D	107+35.9	28.0' L	613.09
E	107+35.9	29.0' L	613.04
F	107+35.9	29.6' L	613.08
G	107+54.3	28.0' L	613.11
H	107+54.3	29.0' L	613.06
I	107+54.3	29.6' L	613.10
J	107+54.8	28.0' L	613.11
K	107+54.8	29.0' L	613.05
L	107+54.8	29.6' L	613.55
M	107+29.5	43.2' L	613.61

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	107+31	49.6' L	613.66
O	107+35.7	33.7' L	613.06
P	107+37.7	42.9' L	613.60
Q	107+38.8	47.8' L	613.68
R	107+42.3	47.0' L	613.65
S	107+50.5	45.2' L	613.67
T	107+54.3	33.7' L	613.12
U	107+55.5	39.0' L	613.52
V	107+56.6	43.8' L	613.60

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	107+79.1	25.9' R	612.09
AB	107+79.1	26.9' R	612.03
AC	107+79.2	27.5' R	612.53
AD	107+83.1	25.6' R	612.10
AE	107+83.1	26.6' R	612.05
AF	107+83.2	27.1' R	612.09
AG	107+88.1	25.2' R	612.14
AH	107+88.2	26.2' R	612.09
AI	107+88.2	26.7' R	612.13

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AJ	107+94.3	25.6' R	612.14
AK	107+94.2	26.5' R	612.08
AL	107+94.2	27.1' R	612.58
AM	107+82.9	32.1' R	612.16
AN	107+87.9	32.4' R	612.21
AO	107+88.1	28.7' R	612.16
AP	107+94.1	29.1' R	612.61
AQ	107+77.5	38.9' R	612.75
AR	107+77.3	44.1' R	612.80

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AS	107+82.5	39.1' R	612.72
AT	107+82.1	44.5' R	612.77
AU	107+87.4	39.4' R	612.77
AV	107+87.5	44.8' R	612.82
AW	107+92.4	39.6' R	612.85
AX	107+92.2	45.1' R	612.89
AY	107+80.5	51.7' R	613.01
AZ	107+88.2	50.6' R	613.06



PARCEL OWNED BY VILLAGE OF KENILWORTH



MODEL: Default
FILE NAME: 5641-0000-sht-ADA 2A.dgn

FILE NAME = 5641-0000-sht-ADA 2A.dgn	USER NAME = mvasak	DESIGNED - MJV	REVISED -
5641	PLOT SCALE = 1:5	DRAWN - PJS	REVISED -
Default	PLOT DATE = 11/5/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA GRADING DETAILS			
RICHMOND ROAD			
SCALE: 1"=5'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 48
ILLINOIS FED. AID PROJECT				CONTRACT NO. 61G87

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	15+27.3	0.5' R	610.97
B	15+33.3	0.5' R	610.99
C	15+23.7	14.4' R	610.27
D	15+23.7	15.4' R	610.21
E	15+23.7	16.0' R	610.71
F	15+27.2	16.0' R	610.70
G	15+27.7	14.4' R	610.25
H	15+27.7	15.4' R	610.20
I	15+27.7	16.0' R	610.24
J	15+32.8	14.4' R	610.22
K	15+32.8	15.4' R	610.17
L	15+32.7	15.9' R	610.21
M	15+33.2	16.0' R	610.67

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	15+37.2	15.2' R	609.92
O	15+36.9	16.2' R	609.86
P	15+36.7	16.7' R	610.36
Q	15+47	29.6' R	610.00
R	15+46	29.6' R	609.94
S	15+45.4	29.6' R	610.44
T	15+45.4	33.1' R	610.52
U	15+47	33.6' R	610.07
V	15+46	33.6' R	610.02
W	15+45.4	33.6' R	610.06
X	15+47.2	38.6' R	610.10
Y	15+46	38.6' R	610.04
Z	15+45.4	38.6' R	610.08

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	15+45.4	39.1' R	610.54
AB	15+47	42.6' R	610.09
AC	15+46	42.6' R	610.03
AD	15+45.4	42.6' R	610.53
AE	15+27.7	21.0' R	610.32
AF	15+32.7	21.0' R	610.29
AG	15+17.7	33.6' R	611.08
AH	15+17.7	38.6' R	611.25
AI	15+22.7	33.7' R	611.07
AJ	15+22.7	38.7' R	611.15
AK	15+27.7	33.7' R	610.79
AL	15+27.7	38.7' R	610.82
AM	15+32.7	33.7' R	610.76

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AN	15+32.7	38.7' R	610.78
AO	15+40.4	33.7' R	610.14
AP	15+40.4	38.7' R	610.16
AQ	15+32.7	43.7' R	611.06
AR	15+27.7	43.7' R	611.14
AS	15+32.7	48.7' R	611.10
AT	15+27.7	48.7' R	611.19

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BA	15+58.6	33.1' R	610.69
BB	15+58.6	39.2' R	610.77
BC	15+70.3	42.7' R	610.13
BD	15+71.3	42.7' R	610.07
BE	15+71.9	42.7' R	610.57
BF	15+71.8	39.2' R	610.52
BG	15+70.3	38.7' R	610.07
BH	15+71.3	38.7' R	610.02
BI	15+71.8	38.7' R	610.06
BJ	15+70.2	33.7' R	610.02
BK	15+71.2	33.7' R	609.97
BL	15+71.7	33.7' R	610.01
BM	15+71.7	33.2' R	610.47

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BN	15+70.1	29.6' R	609.81
BO	15+71.1	29.6' R	609.75
BP	15+71.7	29.7' R	610.25
BQ	15+80.3	15.4' R	609.76
BR	15+80.7	16.3' R	609.70
BS	15+80.9	16.8' R	610.20
BT	15+84.3	15.9' R	610.41
BU	15+84.6	14.3' R	609.96
BV	15+84.7	15.3' R	609.91
BW	15+84.8	15.9' R	609.95
BX	15+89.8	14.2' R	609.98
BY	15+89.8	15.2' R	609.93
BZ	15+89.8	15.8' R	609.97

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	15+90.3	15.8' R	610.43
CB	15+93.8	14.3' R	610.00
CC	15+93.8	15.3' R	609.94
CD	15+93.8	15.9' R	610.44
CE	15+84.3	0.4' R	610.87
CF	15+90.3	0.4' R	610.82
CG	15+84.8	20.9' R	610.03
CH	15+89.8	20.9' R	610.05
CI	15+76.8	33.7' R	610.09
CJ	15+76.8	38.7' R	610.14
CK	15+84.8	33.7' R	610.72
CL	15+84.8	38.7' R	610.77
CM	15+89.8	33.7' R	610.74

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CN	15+89.8	38.7' R	610.79
CO	15+94.8	33.7' R	610.96
CP	15+94.8	38.7' R	611.01
CQ	15+99.8	33.7' R	611.03
CR	15+99.8	38.7' R	611.01
CS	15+84.8	43.7' R	611.06
CT	15+89.8	43.7' R	611.11
CU	15+84.7	48.7' R	611.05
CV	15+89.7	48.7' R	611.19

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DESIGNED -	MJV
DRAWN -	PJS
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CHECKED -	KLB
PLOT DATE =	11/5/2020
DATE -	11/5/2020

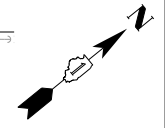
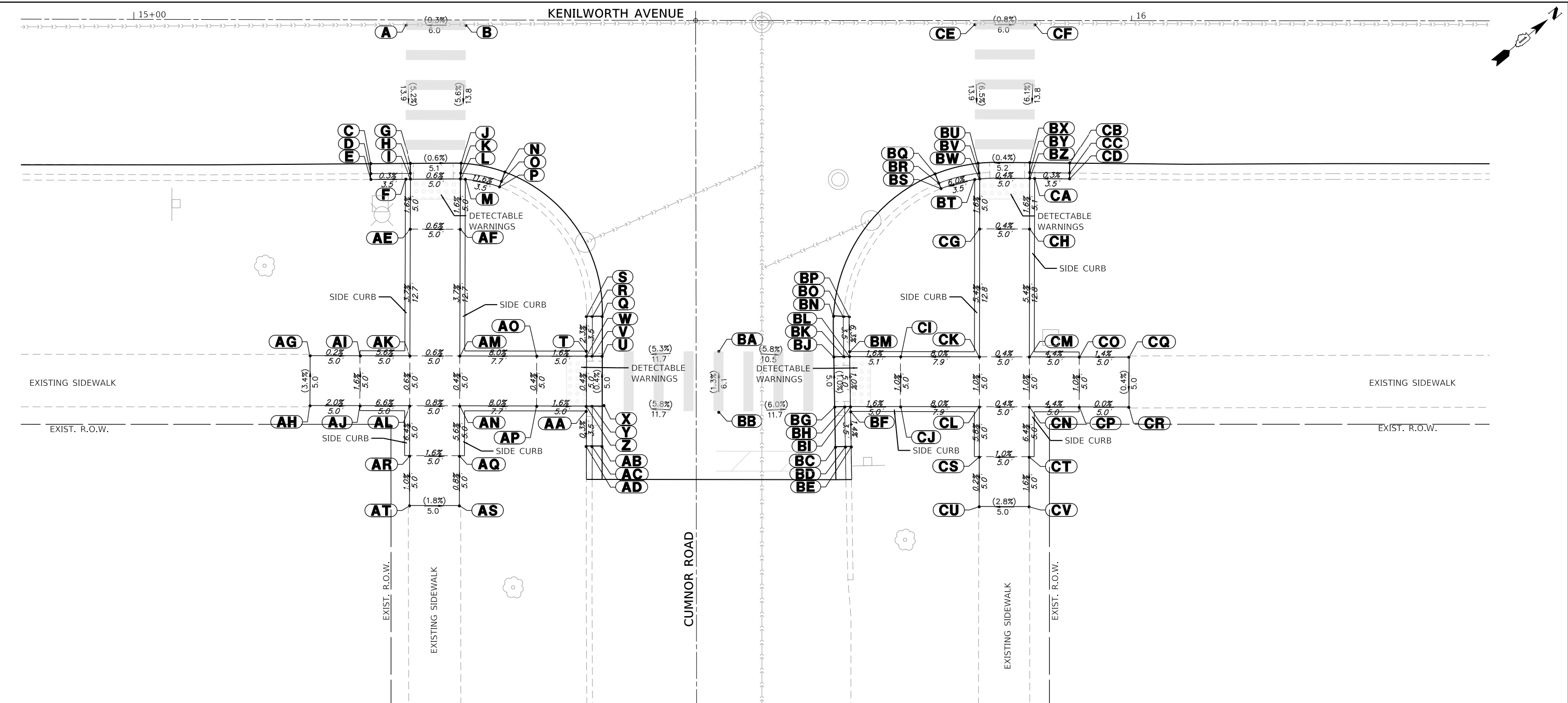
REVISD -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=5'	SHEET	OF	SHEETS	STA.	TO	STA.
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ADA GRADING DETAILS			
KENILWORTH AVENUE			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	49
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	15+23.8	13.3' L	610.26
DB	15+23.8	14.3' L	610.20
DC	15+23.8	14.9' L	610.70
DD	15+27.3	14.9' L	610.70
DE	15+27.8	13.4' L	610.25
DF	15+27.8	14.4' L	610.20
DG	15+27.8	14.9' L	610.24
DH	15+33.1	13.6' L	610.22
DI	15+32.9	14.6' L	610.17
DJ	15+32.8	15.2' L	610.21
DK	15+33.3	15.3' L	610.67
DL	15+37.3	14.9' L	610.06
DM	15+36.9	15.8' L	610.00

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DN	15+36.3	16.7' L	610.48
DO	15+47.2	28.3' L	610.07
DP	15+46.2	28.4' L	610.01
DQ	15+45.6	28.5' L	610.51
DR	15+45.7	32.0' L	610.66
DS	15+47.3	32.5' L	610.21
DT	15+46.3	32.5' L	610.16
DU	15+45.7	32.5' L	610.20
DV	15+47.2	37.5' L	610.22
DW	15+46.2	37.5' L	610.17
DX	15+45.6	37.5' L	610.21
DY	15+45.6	38.0' L	610.67

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EA	15+47.1	41.5' L	610.24
EB	15+46.1	41.5' L	610.18
EC	15+45.5	41.5' L	610.68
ED	15+58.7	32.1' L	610.73
EE	15+58.7	38.1' L	610.77
EF	15+27.8	20.2' L	610.32
EG	15+32.8	20.2' L	610.29
EH	15+17.8	32.4' L	611.26
EI	15+17.8	37.4' L	611.31
EJ	15+27.8	32.4' L	610.96
EK	15+27.8	37.4' L	610.97
EL	15+32.8	32.5' L	610.90
EM	15+32.8	37.5' L	610.91

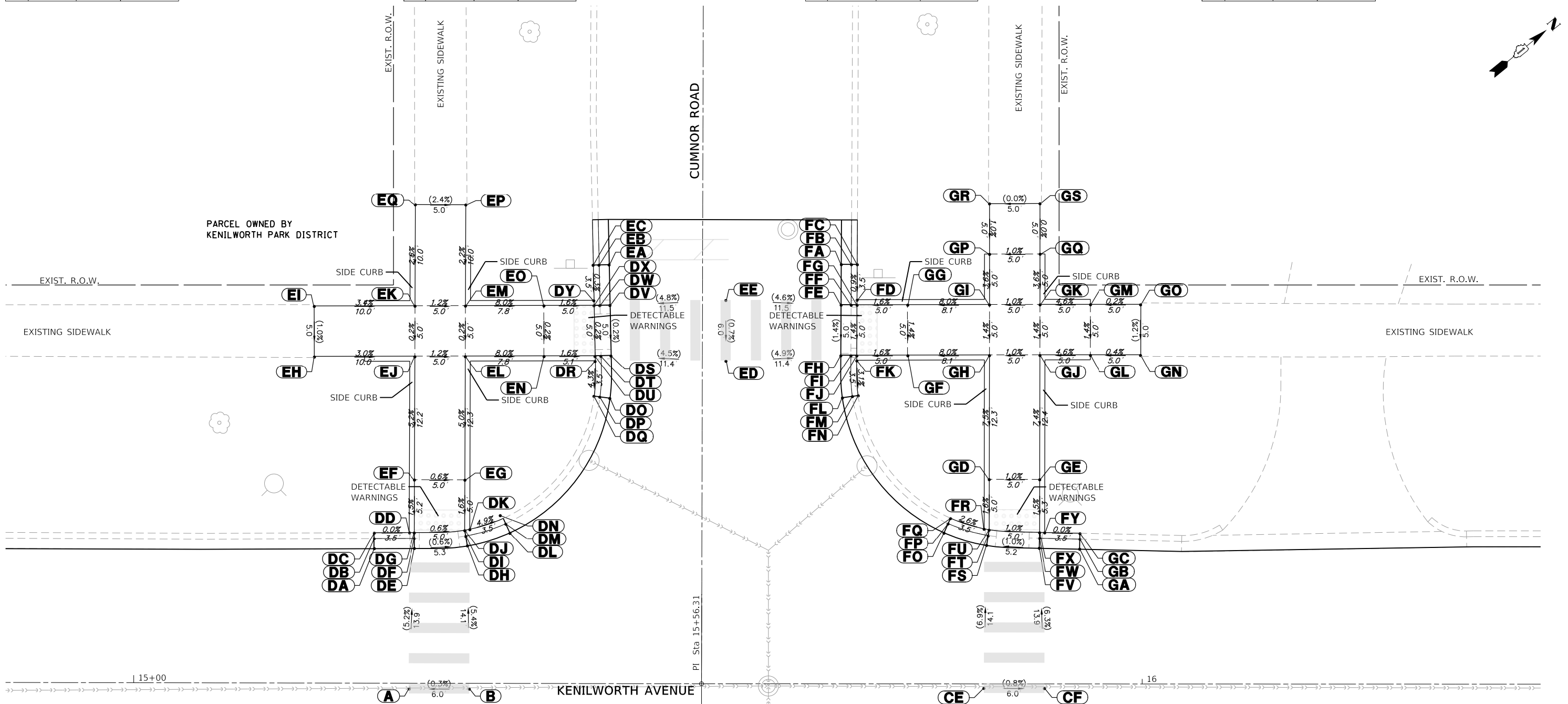
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	STATION	OFFSET	ELEVATION
EN	15+40.6	32.5' L	610.28
EO	15+40.6	37.5' L	610.29
EP	15+32.8	47.5' L	611.13
EQ	15+27.8	47.5' L	611.25

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FA	15+70.1	41.6' L	610.28
FB	15+71.1	41.6' L	610.22
FC	15+71.7	41.6' L	610.72
FD	15+71.7	38.1' L	610.69
FE	15+70.1	37.6' L	610.24
FF	15+71.1	37.6' L	610.19
FG	15+71.7	37.6' L	610.23
FH	15+70.1	32.6' L	610.17
FI	15+71.1	32.6' L	610.12
FJ	15+71.7	32.6' L	610.16
FK	15+71.7	32.1' L	610.62
FL	15+70.3	28.4' L	610.07
FM	15+71.2	28.5' L	610.01

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FN	15+71.8	28.6' L	610.51
FO	15+80.4	15.0' L	609.82
FP	15+80.8	15.9' L	609.76
FQ	15+81	16.4' L	610.26
FR	15+84.3	15.4' L	610.35
FS	15+84.6	13.7' L	609.90
FT	15+84.7	14.7' L	609.85
FU	15+84.8	15.3' L	609.89
FV	15+89.8	13.4' L	609.95
FW	15+89.8	14.4' L	609.90
FX	15+89.8	15.0' L	609.94
FY	15+90.3	15.0' L	610.40

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
GA	15+93.8	13.4' L	609.96
GB	15+93.8	14.4' L	609.90
GC	15+93.8	14.9' L	610.40
GD	15+84.8	20.3' L	609.97
GE	15+89.8	20.3' L	610.02
GF	15+76.7	32.6' L	610.24
GG	15+76.7	37.6' L	610.31
GH	15+84.8	32.6' L	610.89
GI	15+84.9	37.6' L	610.96
GJ	15+89.8	32.6' L	610.94
GK	15+89.9	37.6' L	611.01
GL	15+94.8	32.6' L	611.17
GM	15+94.9	37.6' L	611.24

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
GN	15+99.8	32.6' L	611.19
GO	15+99.9	37.6' L	611.25
GP	15+84.9	42.6' L	611.14
GQ	15+89.9	42.6' L	611.19
GR	15+84.8	47.6' L	611.19
GS	15+89.8	47.6' L	611.19



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USER NAME =	mvasak
DESIGNED -	MJV
DRAWN -	PJS
CHECKED -	KLB
DATE -	11/5/2020

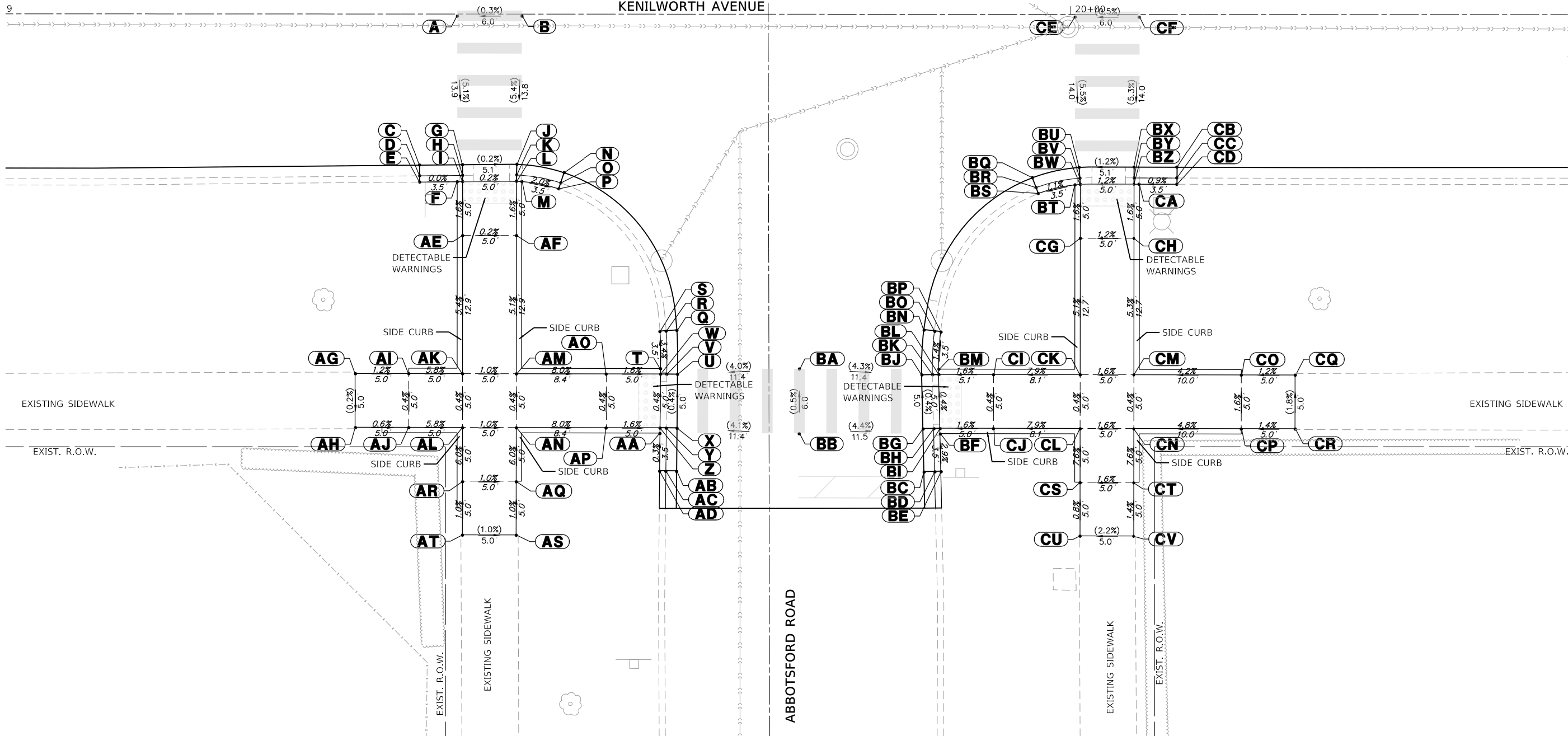
REVISOR	REVISION
REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
KENILWORTH AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	50
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	19+42.9	0.2' R	610.82
B	19+48.9	0.2' R	610.84
C	19+39.4	14.1' R	610.12
D	19+39.4	15.1' R	610.06
E	19+39.4	15.6' R	610.56
F	19+42.9	15.6' R	610.56
G	19+43.4	14.0' R	610.11
H	19+43.4	15.0' R	612.06
I	19+43.4	15.6' R	610.10
J	19+48.4	14.0' R	610.10
K	19+48.4	15.0' R	610.05
L	19+48.4	15.6' R	610.09
M	19+48.9	15.6' R	610.55

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	19+52.8	14.8' R	610.04
O	19+52.5	15.7' R	609.98
P	19+52.3	16.3' R	610.48
Q	19+63.3	29.4' R	609.98
R	19+62.3	29.5' R	609.92
S	19+61.8	29.5' R	610.42
T	19+61.8	33.0' R	610.54
U	19+63.4	33.5' R	610.09
V	19+62.4	33.5' R	610.04
W	19+61.8	33.5' R	610.08
X	19+63.4	38.5' R	610.11
Y	19+62.4	38.5' R	610.06
Z	19+61.8	38.5' R	610.10

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	19+61.8	39.0' R	610.56
AB	19+63.3	42.5' R	610.13
AC	19+62.3	42.5' R	610.07
AD	19+61.7	42.5' R	610.57
AE	19+43.4	20.6' R	610.18
AF	19+48.4	20.6' R	610.17
AG	19+33.4	33.5' R	611.23
AH	19+33.4	38.5' R	611.22
AI	19+38.4	33.5' R	611.17
AJ	19+38.4	38.5' R	611.19
AK	19+43.4	33.5' R	610.88
AL	19+43.4	38.5' R	610.90
AM	19+48.4	33.5' R	610.83

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AN	19+48.4	38.5' R	610.85
AO	19+56.8	33.5' R	610.16
AP	19+56.8	38.5' R	610.18
AQ	19+48.4	43.5' R	611.15
AR	19+43.4	43.5' R	611.20
AS	19+48.4	48.5' R	611.20
AT	19+43.4	48.5' R	611.25

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BA	19+74.8	33.0' R	610.55
BB	19+74.8	39.0' R	610.58
BC	19+86.3	42.6' R	610.19
BD	19+87.3	42.5' R	610.13
BE	19+87.9	42.5' R	610.63
BF	19+87.8	39.0' R	610.53
BG	19+86.2	38.6' R	610.08
BH	19+87.2	38.5' R	610.03
BI	19+87.8	38.5' R	610.07
BJ	19+86.1	33.6' R	610.06
BK	19+87.1	33.5' R	610.01
BL	19+87.7	33.5' R	610.05
BM	19+87.7	33.0' R	610.51

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BN	19+86.3	29.3' R	610.02
BO	19+87.3	29.5' R	609.96
BP	19+87.9	29.5' R	610.46
BQ	19+96.4	15.2' R	610.02
BR	19+96.8	16.1' R	609.96
BS	19+97	16.7' R	610.46
BT	20+00.4	15.9' R	610.50
BU	20+00.8	14.3' R	610.05
BV	20+00.8	15.3' R	610.00
BW	20+00.9	15.8' R	610.04
BX	20+05.9	14.2' R	610.11
BY	20+05.9	15.2' R	610.06
BZ	20+05.9	15.8' R	610.10

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	20+06.4	15.8' R	610.56
CB	20+09.9	14.2' R	610.15
CC	20+09.9	15.2' R	610.09
CD	20+09.9	15.8' R	610.59
CE	20+00.4	0.2' R	610.82
CF	20+06.4	0.2' R	610.85
CG	20+00.9	20.8' R	610.12
CH	20+05.9	20.8' R	610.18
CI	19+92.8	33.5' R	610.13
CJ	19+92.8	38.5' R	610.15
CK	20+00.9	33.5' R	610.77
CL	20+00.9	38.5' R	610.79
CM	20+05.9	33.5' R	610.85

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CN	20+05.9	38.5' R	610.87
CO	20+15.9	33.6' R	611.27
CP	20+15.9	38.6' R	611.35
CQ	20+20.9	33.6' R	611.33
CR	20+20.9	38.6' R	611.42
CS	20+00.9	43.5' R	611.17
CT	20+05.9	43.5' R	611.25
CU	20+00.9	48.5' R	611.21
CV	20+05.9	48.5' R	611.32



MODEL: Default
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PLOT DATE = 11/5/2020

USER NAME = mvacak
PLOT SCALE = 1:5
PLOT DATE = 11/5/2020

DESIGNED - MJV
DRAWN - PJS
CHECKED - KLB
DATE - 11/5/2020

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
KENILWORTH AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	51
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	19+39.4	13.7' L	610.05
DB	19+39.4	14.7' L	609.99
DC	19+39.4	15.2' L	610.49
DD	19+42.9	15.2' L	610.48
DE	19+43.4	13.6' L	610.03
DF	19+43.4	14.6' L	609.98
DG	19+43.4	15.2' L	610.02
DH	19+48.5	13.6' L	609.95
DI	19+48.4	14.6' L	609.90
DJ	19+48.4	15.2' L	609.94
DK	19+48.9	15.2' L	610.40
DL	19+52.8	14.6' L	609.88
DM	19+52.5	15.5' L	609.82

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DN	19+52.3	16.1' L	610.32
DO	19+63.2	28.8' L	609.88
DP	19+62.2	28.9' L	609.82
DQ	19+61.6	28.9' L	610.32
DR	19+61.6	32.4' L	610.50
DS	19+63.2	32.9' L	610.05
DT	19+62.2	32.9' L	610.00
DU	19+61.6	32.9' L	610.04
DV	19+63.2	37.9' L	610.12
DW	19+62.2	37.9' L	610.07
DX	19+61.6	37.9' L	610.11
DY	19+61.6	38.4' L	610.57

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EA	19+63.2	41.9' L	610.18
EB	19+62.2	41.9' L	610.12
EC	19+61.6	41.9' L	610.62
ED	19+74.7	32.4' L	610.66
EE	19+74.7	38.4' L	610.68
EF	19+43.4	20.2' L	610.10
EG	19+48.4	20.2' L	610.02
EH	19+33.4	32.9' L	611.21
EI	19+33.4	37.9' L	611.21
EJ	19+38.4	32.9' L	611.15
EK	19+38.4	37.9' L	611.18
EL	19+43.4	32.9' L	610.86
EM	19+43.4	37.9' L	610.93

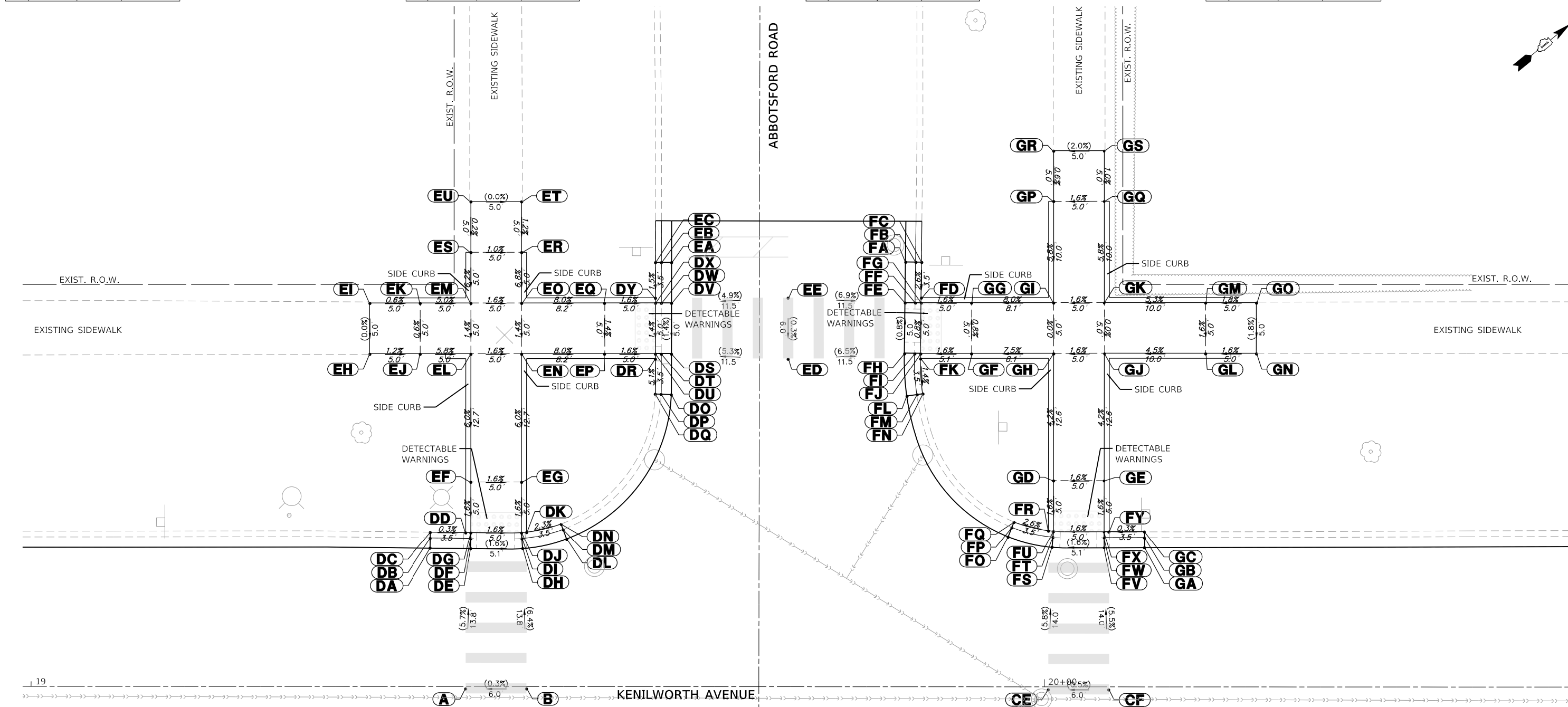
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EN	19+48.4	32.9' L	610.78
EO	19+48.4	37.9' L	610.85
EP	19+56.6	32.9' L	610.12
EQ	19+56.6	37.9' L	610.19
ER	19+48.4	42.9' L	611.19
ES	19+43.4	42.9' L	611.24
ET	19+48.4	47.9' L	611.25
EU	19+43.4	47.9' L	611.25

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FA	19+86.3	41.9' L	609.98
FB	19+87.3	41.9' L	609.92
FC	19+87.9	41.9' L	610.42
FD	19+87.8	38.4' L	610.33
FE	19+86.2	37.9' L	609.88
FF	19+87.2	37.9' L	609.83
FG	19+87.8	37.9' L	609.87
FH	19+86.2	32.9' L	609.92
FI	19+87.2	32.9' L	609.87
FJ	19+87.8	32.9' L	609.91
FK	19+87.8	32.4' L	610.37
FL	19+86.4	28.7' L	609.88
FM	19+87.4	28.8' L	609.82

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FN	19+88	28.9' L	610.32
FO	19+96.4	14.8' L	609.92
FP	19+96.8	15.7' L	609.86
FQ	19+97	16.3' L	610.36
FR	20+00.4	15.4' L	610.45
FS	20+00.8	13.8' L	610.00
FT	20+00.9	14.8' L	609.95
FU	20+00.9	15.4' L	609.99
FV	20+05.9	13.7' L	610.08
FW	20+05.9	14.7' L	610.03
FX	20+05.9	15.3' L	610.07
FY	20+06.4	15.3' L	610.53

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
GA	20+09.9	13.7' L	610.10
GB	20+09.9	14.7' L	610.04
GC	20+09.9	15.3' L	610.54
GD	20+00.9	20.4' L	610.07
GE	20+05.9	20.4' L	610.15
GF	19+92.8	32.9' L	609.99
GG	19+92.8	37.9' L	609.95
GH	20+00.9	32.9' L	610.60
GI	20+00.9	37.9' L	610.60
GJ	20+05.9	32.9' L	610.68
GK	20+05.9	37.9' L	610.68
GL	20+15.9	32.9' L	611.13
GM	20+15.9	37.9' L	611.21

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
GN	20+20.9	32.9' L	611.21
GO	20+20.9	37.9' L	611.30
GP	20+00.9	47.9' L	611.18
GQ	20+05.9	47.9' L	611.26
GR	20+00.9	52.9' L	611.21
GS	20+05.9	52.9' L	611.31



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USER NAME =	mvasak
DESIGNED -	MJV
DRAWN -	PJS
CHECKED -	KLB
DATE -	11/5/2020

REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS

DESIGNED -	MJV
DRAWN -	PJS
CHECKED -	KLB
DATE -	11/5/2020

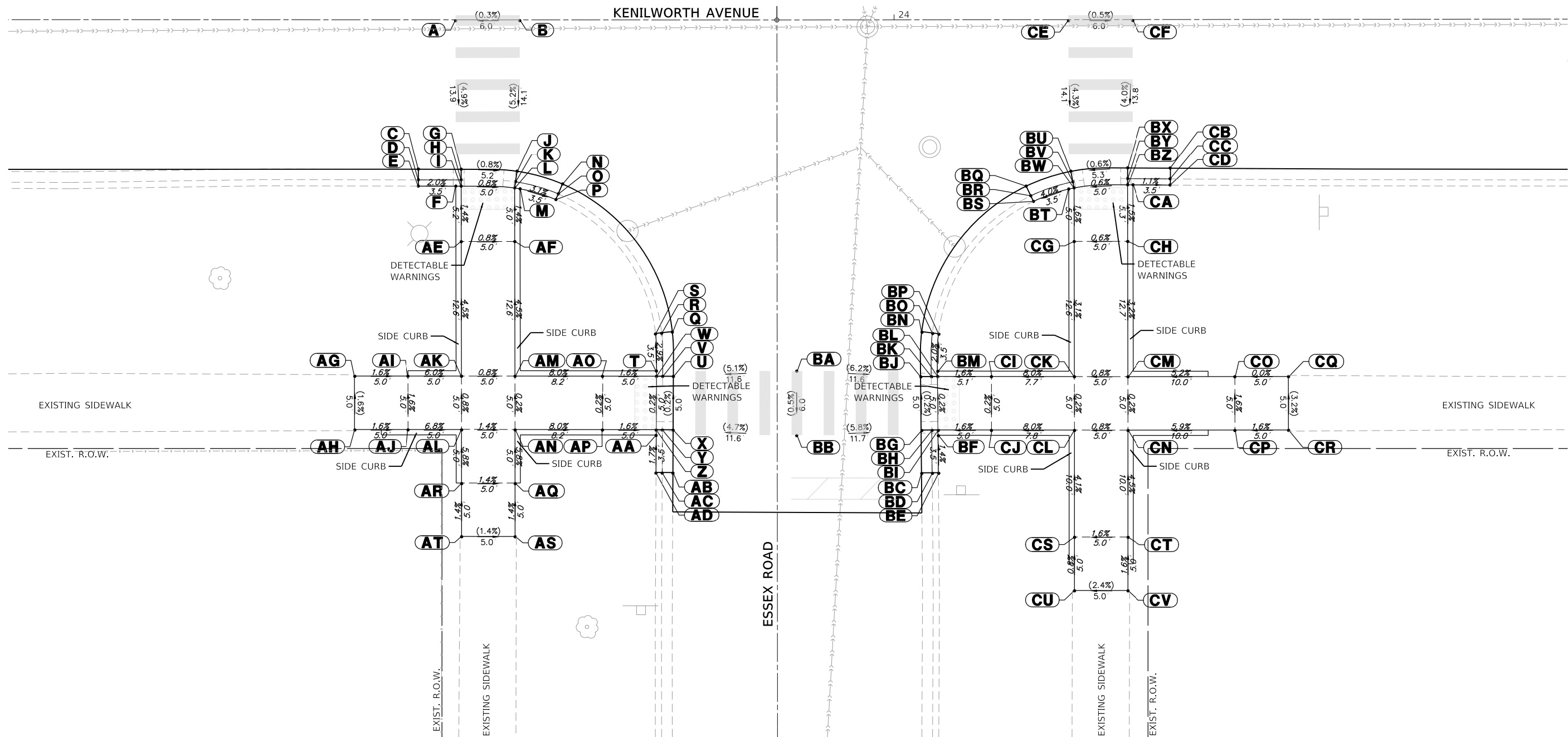
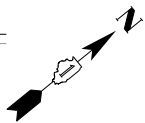
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REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
KENILWORTH AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	52
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
A	23+59	0.1' R	611.01
B	23+65	0.1' R	611.03
C	23+55.5	14.0' R	610.41
D	23+55.5	15.0' R	610.35
E	23+55.5	15.5' R	610.85
F	23+59	15.6' R	610.78
G	23+59.5	14.0' R	610.33
H	23+59.5	15.0' R	610.28
I	23+59.5	15.6' R	610.32
J	23+64.8	14.2' R	610.29
K	23+64.6	15.1' R	610.24
L	23+64.5	15.7' R	610.28
M	23+65	15.8' R	610.74

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
N	23+69	15.3' R	610.19
O	23+68.6	16.3' R	610.13
P	23+68.4	16.8' R	610.63
Q	23+79.3	29.1' R	610.10
R	23+78.3	29.2' R	610.04
S	23+77.7	29.3' R	610.54
T	23+77.8	32.8' R	610.64
U	23+79.4	33.3' R	610.19
V	23+78.4	33.3' R	610.14
W	23+77.8	33.3' R	610.18
X	23+79.4	38.3' R	610.20
Y	23+78.4	38.3' R	610.15
Z	23+77.8	38.3' R	610.19

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
AA	23+77.8	38.8' R	610.65
AB	23+79.3	42.3' R	610.27
AC	23+78.3	42.3' R	610.21
AD	23+77.8	42.3' R	610.71
AE	23+59.5	20.7' R	610.39
AF	23+64.5	20.7' R	610.35
AG	23+49.6	33.3' R	611.34
AH	23+49.6	38.3' R	611.42
AI	23+54.6	33.3' R	611.26
AJ	23+54.6	38.3' R	611.34
AK	23+59.6	33.3' R	610.96
AL	23+59.6	38.3' R	611.00
AM	23+64.6	33.3' R	610.92

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
AN	23+64.6	38.3' R	610.93
AO	23+72.8	33.3' R	610.26
AP	23+72.8	38.3' R	610.27
AQ	23+64.6	43.3' R	611.22
AR	23+59.6	43.3' R	611.29
AS	23+64.6	48.3' R	611.29
AT	23+59.6	48.3' R	611.36

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
BA	23+90.9	32.8' R	610.78
BB	23+90.9	38.8' R	610.75
BC	24+02.5	42.4' R	610.13
BD	24+03.5	42.4' R	610.07
BE	24+04.1	42.3' R	610.57
BF	24+04.1	38.9' R	610.52
BG	24+02.5	38.4' R	610.07
BH	24+03.5	38.4' R	610.02
BI	24+04.1	38.4' R	610.06
BJ	24+02.4	33.4' R	610.06
BK	24+03.4	33.4' R	610.01
BL	24+04	33.3' R	610.05
BM	24+04	32.8' R	610.51

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
BN	24+02.6	29.2' R	610.00
BO	24+03.5	29.3' R	609.94
BP	24+04.1	29.4' R	610.44
BQ	24+12.3	15.6' R	610.16
BR	24+12.8	16.5' R	610.10
BS	24+13	17.0' R	610.60
BT	24+16.3	15.8' R	610.74
BU	24+16.5	14.2' R	610.29
BV	24+16.7	15.2' R	610.24
BW	24+16.8	15.7' R	610.28
BX	24+21.8	13.9' R	610.32
BY	24+21.8	14.9' R	610.27
BZ	24+21.8	15.5' R	610.31

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
CA	24+22.3	15.5' R	610.77
CB	24+25.8	13.9' R	610.29
CC	24+25.8	14.9' R	610.23
CD	24+25.8	15.5' R	610.73
CE	24+16.3	0.1' R	610.90
CF	24+22.3	0.1' R	610.87
CG	24+16.8	20.7' R	610.36
CH	24+21.8	20.7' R	610.39
CI	24+09.1	33.4' R	610.13
CJ	24+09.1	38.4' R	610.14
CK	24+16.8	33.4' R	610.75
CL	24+16.8	38.4' R	610.76
CM	24+21.8	33.4' R	610.79

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
CN	24+21.8	38.4' R	610.80
CO	24+31.8	33.4' R	611.31
CP	24+31.8	38.4' R	611.39
CQ	24+36.8	33.4' R	611.31
CR	24+36.8	38.4' R	611.47
CS	24+16.8	48.4' R	611.17
CT	24+21.8	48.4' R	611.25
CU	24+16.8	53.4' R	611.21
CV	24+21.8	53.4' R	611.33

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USER NAME = mvasak
 DESIGNED - MJV
 DRAWN - PJS
 CHECKED - KLB
 DATE - 11/5/2020
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
 KENILWORTH AVENUE
 SCALE: 1"=5'
 SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	53
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	23+55.5	13.8' L	610.32
DB	23+55.5	14.8' L	610.26
DC	23+55.5	15.4' L	610.76
DD	23+59	15.4' L	610.74
DE	23+59.5	13.8' L	610.29
DF	23+59.5	14.8' L	610.24
DG	23+59.5	15.4' L	610.28
DH	23+64.5	13.9' L	610.25
DI	23+64.5	14.9' L	610.20
DJ	23+64.5	15.4' L	610.24
DK	23+65	15.5' L	610.70
DL	23+68.9	14.7' L	610.24
DM	23+68.6	15.7' L	610.18

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DN	23+68.4	16.2' L	610.68
DO	23+79.5	29.1' L	610.35
DP	23+78.5	29.1' L	610.29
DQ	23+77.9	29.1' L	610.79
DR	23+77.9	32.6' L	610.84
DS	23+79.4	33.2' L	610.39
DT	23+78.4	33.1' L	610.34
DU	23+77.9	33.1' L	610.38
DV	23+79.4	38.2' L	610.42
DW	23+78.4	38.1' L	610.37
DX	23+77.8	38.1' L	610.41
DY	23+77.8	38.6' L	610.87

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EA	23+79.3	42.2' L	610.45
EB	23+78.3	42.1' L	610.39
EC	23+77.8	42.1' L	610.89
ED	23+90.8	32.6' L	610.94
EE	23+90.8	38.6' L	610.99
EF	23+59.5	20.4' L	610.36
EG	23+64.5	20.4' L	610.32
EH	23+54.4	33.1' L	611.37
EI	23+54.4	38.1' L	611.48
EJ	23+59.4	33.1' L	611.17
EK	23+59.4	38.1' L	611.24
EL	23+64.4	33.1' L	611.09
EM	23+64.4	38.1' L	611.16

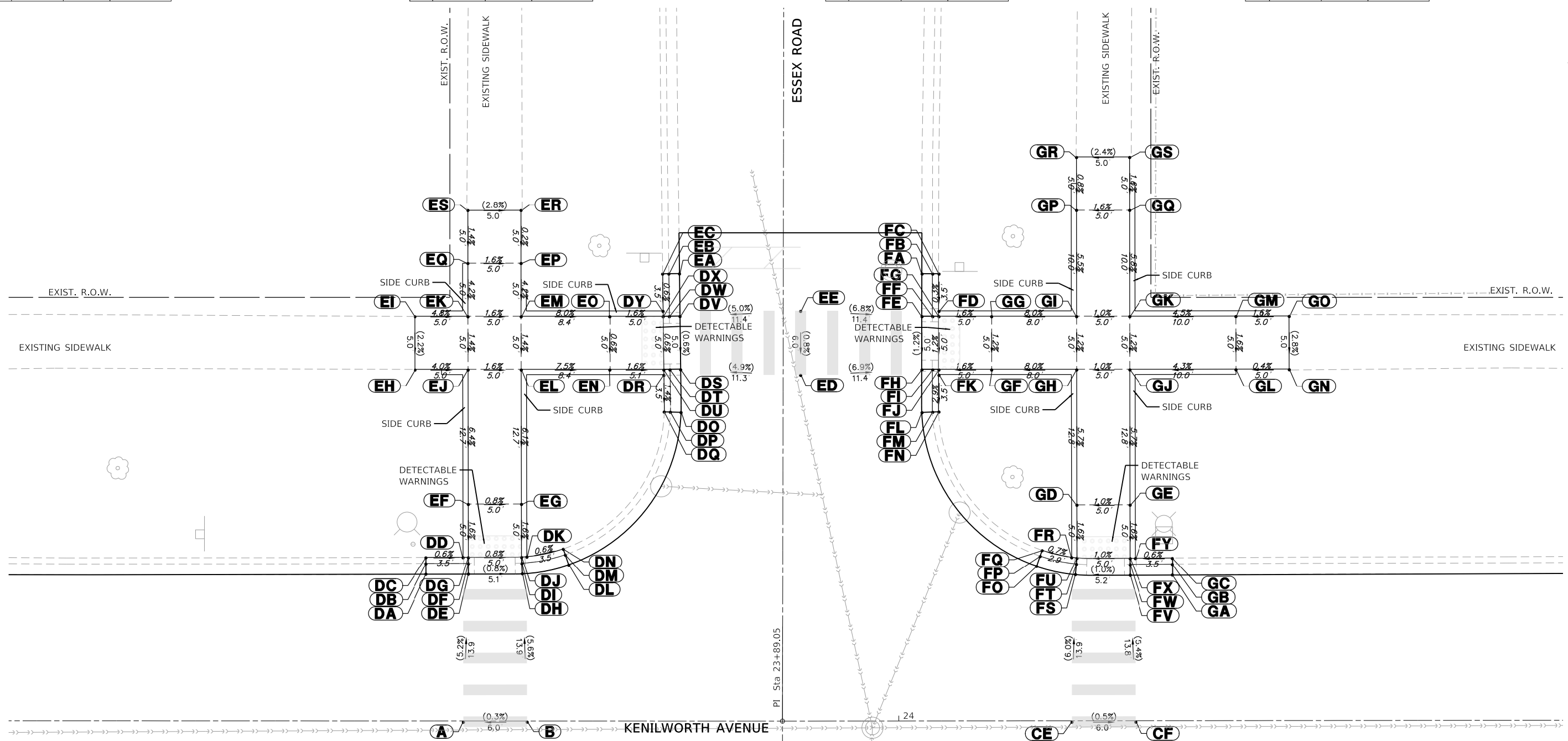
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EN	23+72.8	33.1' L	610.46
EO	23+72.8	38.1' L	610.49
EP	23+64.4	43.1' L	611.37
EQ	23+59.4	43.1' L	611.45
ER	23+64.4	48.1' L	611.38
ES	23+59.4	48.1' L	611.52

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FA	24+02.2	42.1' L	610.24
FB	24+03.2	42.1' L	610.18
FC	24+03.8	42.1' L	610.68
FD	24+03.8	38.6' L	610.67
FE	24+02.2	38.1' L	610.22
FF	24+03.2	38.1' L	610.17
FG	24+03.8	38.1' L	610.21
FH	24+02.2	33.1' L	610.16
FI	24+03.2	33.1' L	610.11
FJ	24+03.8	33.1' L	610.15
FK	24+03.8	32.6' L	610.61
FL	24+02.2	29.1' L	610.07
FM	24+03.2	29.1' L	610.01

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FN	24+03.8	29.1' L	610.51
FO	24+13	14.6' L	610.06
FP	24+13.3	15.5' L	610.00
FQ	24+13.5	16.1' L	610.50
FR	24+16.3	15.4' L	610.52
FS	24+16.6	13.8' L	610.07
FT	24+16.7	14.8' L	610.02
FU	24+16.8	15.3' L	610.06
FV	24+21.8	13.7' L	610.12
FW	24+21.8	14.7' L	610.07
FX	24+21.8	15.3' L	610.11
FY	24+22.3	15.3' L	610.57

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
GA	24+25.8	13.7' L	610.15
GB	24+25.8	14.7' L	610.09
GC	24+25.8	15.3' L	610.59
GD	24+16.8	20.3' L	610.14
GE	24+21.8	20.3' L	610.19
GF	24+08.8	33.1' L	610.23
GG	24+08.8	38.1' L	610.29
GH	24+16.8	33.1' L	610.87
GI	24+16.8	38.1' L	610.93
GJ	24+21.8	33.1' L	610.92
GK	24+21.8	38.1' L	610.98
GL	24+31.8	33.1' L	611.35
GM	24+31.8	38.1' L	611.43

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
GN	24+36.8	33.1' L	611.37
GO	24+36.8	38.1' L	611.51
GP	24+16.8	48.1' L	611.48
GQ	24+21.8	48.1' L	611.56
GR	24+16.8	53.1' L	611.52
GS	24+21.8	53.1' L	611.64



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CHECKED - KLB
DATE - 11/5/2020

REVISIONS:
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
KENILWORTH AVENUE

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

F.A.U. RTE. 1669
SECTION 17-00034-00-R5
COUNTY COOK
TOTAL SHEETS 74
SHEET NO. 54
CONTRACT NO. 61G87
ILLINOIS FED. AID PROJECT

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	28+11.2	0.5' R	609.75
B	28+17.2	0.5' R	609.69
C	28+07.6	14.4' R	608.89
D	28+07.6	15.4' R	608.83
E	28+07.6	16.0' R	609.33
F	28+11.1	16.0' R	609.32
G	28+11.7	14.4' R	608.87
H	28+11.7	15.4' R	608.82
I	28+11.6	16.0' R	608.86
J	28+16.8	14.5' R	608.82
K	28+16.7	15.5' R	608.77
L	28+16.6	16.0' R	608.81
M	28+17.1	16.1' R	609.27

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	28+21.1	15.5' R	608.63
O	28+20.8	16.4' R	608.57
P	28+20.5	17.0' R	609.07
Q	28+31.4	29.7' R	608.60
R	28+30.4	29.7' R	608.54
S	28+29.8	29.8' R	609.04
T	28+29.8	33.3' R	609.19
U	28+31.3	33.8' R	608.74
V	28+30.3	33.7' R	608.69
W	28+29.8	33.8' R	608.73
X	28+31.2	38.9' R	608.77
Y	28+30.2	38.8' R	608.72
Z	28+29.7	38.8' R	608.76

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	28+29.6	39.3' R	609.22
AB	28+31.2	42.9' R	608.74
AC	28+30.2	42.8' R	608.68
AD	28+29.6	42.8' R	609.18
AE	27+96.6	33.7' R	610.28
AF	27+96.6	38.7' R	610.30
AG	28+01.6	33.7' R	610.20
AH	28+01.6	38.7' R	610.23
AI	28+11.6	21.0' R	608.94
AJ	28+16.6	21.0' R	608.89
AK	28+11.6	33.7' R	609.51
AL	28+11.6	38.8' R	609.54
AM	28+16.6	33.7' R	609.46

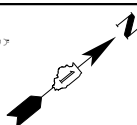
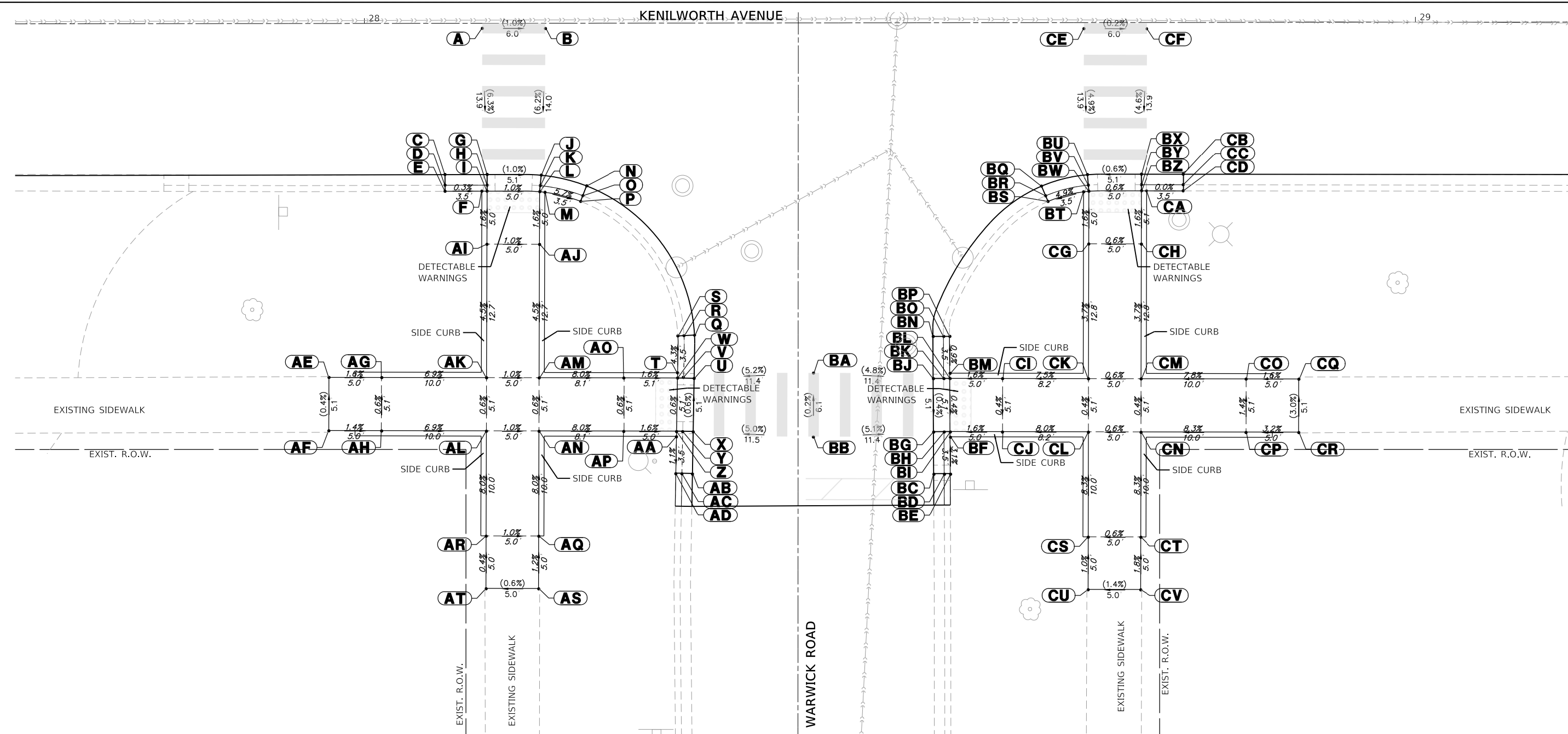
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AN	28+16.6	38.8' R	609.49
AO	28+24.7	33.8' R	608.81
AP	28+24.7	38.8' R	608.84
AQ	28+16.5	48.8' R	610.29
AR	28+11.5	48.8' R	610.34
AS	28+16.5	53.8' R	610.35
AT	28+11.5	53.8' R	610.32

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BA	28+42.7	33.3' R	609.33
BB	28+42.7	39.4' R	609.34
BC	28+54.1	42.9' R	608.88
BD	28+55.1	42.9' R	608.82
BE	28+55.7	42.9' R	609.32
BF	28+55.7	39.4' R	609.21
BG	28+54.1	38.9' R	608.76
BH	28+55.1	38.9' R	608.71
BI	28+55.7	38.9' R	608.75
BJ	28+54.1	33.9' R	608.78
BK	28+55.1	33.8' R	608.73
BL	28+55.6	33.8' R	608.77
BM	28+55.6	33.3' R	609.23

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BN	28+54.1	29.9' R	608.76
BO	28+55.1	29.8' R	608.70
BP	28+55.6	29.8' R	609.20
BQ	28+64.4	15.6' R	608.75
BR	28+64.8	16.5' R	608.69
BS	28+65	17.0' R	609.19
BT	28+68.4	16.1' R	609.36
BU	28+68.8	14.5' R	608.91
BV	28+68.9	15.5' R	608.86
BW	28+68.9	16.1' R	608.90
BX	28+73.9	14.4' R	608.94
BY	28+73.9	15.4' R	608.89
BZ	28+73.9	16.0' R	608.93

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CA	28+74.4	16.0' R	609.39
CB	28+77.9	14.4' R	608.95
CC	28+77.9	15.4' R	608.89
CD	28+77.9	16.0' R	609.39
CE	28+68.5	0.6' R	609.59
CF	28+74.5	0.6' R	609.58
CG	28+68.9	21.1' R	608.98
CH	28+73.9	21.1' R	609.01
CI	28+60.7	33.9' R	608.85
CJ	28+60.7	38.9' R	608.83
CK	28+68.9	33.9' R	609.46
CL	28+68.8	38.9' R	609.48
CM	28+73.9	33.9' R	609.49

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
CN	28+73.8	39.0' R	609.51
CO	28+83.9	33.9' R	610.27
CP	28+83.8	39.0' R	610.34
CQ	28+88.9	33.9' R	610.35
CR	28+88.8	39.0' R	610.50
CS	28+68.8	48.9' R	610.31
CT	28+73.8	49.0' R	610.34
CU	28+68.8	53.9' R	610.36
CV	28+73.8	54.0' R	610.43



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DA	28+07.8	13.5' L	609.02
DB	28+07.8	14.5' L	608.96
DC	28+07.8	15.1' L	609.46
DE	28+11.8	13.5' L	608.99
DE	28+11.3	15.1' L	609.44
DF	28+11.8	14.5' L	608.94
DG	28+11.8	15.1' L	608.98
DH	28+16.8	13.5' L	608.96
DI	28+16.8	14.5' L	608.91
DJ	28+16.8	15.0' L	608.95
DK	28+17.3	15.1' L	609.41
DL	28+21.2	14.3' L	608.85
DM	28+20.9	15.3' L	608.79

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
DN	28+20.7	15.8' L	609.29
DO	28+31.4	28.2' L	608.89
DP	28+30.4	28.3' L	608.83
DQ	28+29.8	28.4' L	609.33
DR	28+29.9	31.9' L	609.40
DS	28+31.5	32.4' L	608.95
DT	28+30.5	32.4' L	608.90
DU	28+29.9	32.4' L	608.94
DV	28+31.4	37.5' L	608.98
DW	28+30.4	37.5' L	608.93
DX	28+29.9	37.5' L	608.97
DY	28+29.9	37.9' L	609.33

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
EA	28+31.4	41.5' L	609.04
EB	28+30.4	41.5' L	608.98
EC	28+29.8	41.5' L	609.48
ED	28+42.8	31.9' L	609.39
EE	28+42.8	37.9' L	609.38
EF	28+11.8	20.1' L	609.06
EG	28+16.8	20.0' L	609.03
EH	27+96.8	32.4' L	610.23
EI	27+96.9	37.6' L	610.28
EJ	28+01.8	32.4' L	610.15
EK	28+01.9	37.6' L	610.20
EL	28+11.8	32.4' L	609.69
EM	28+11.9	37.5' L	609.72

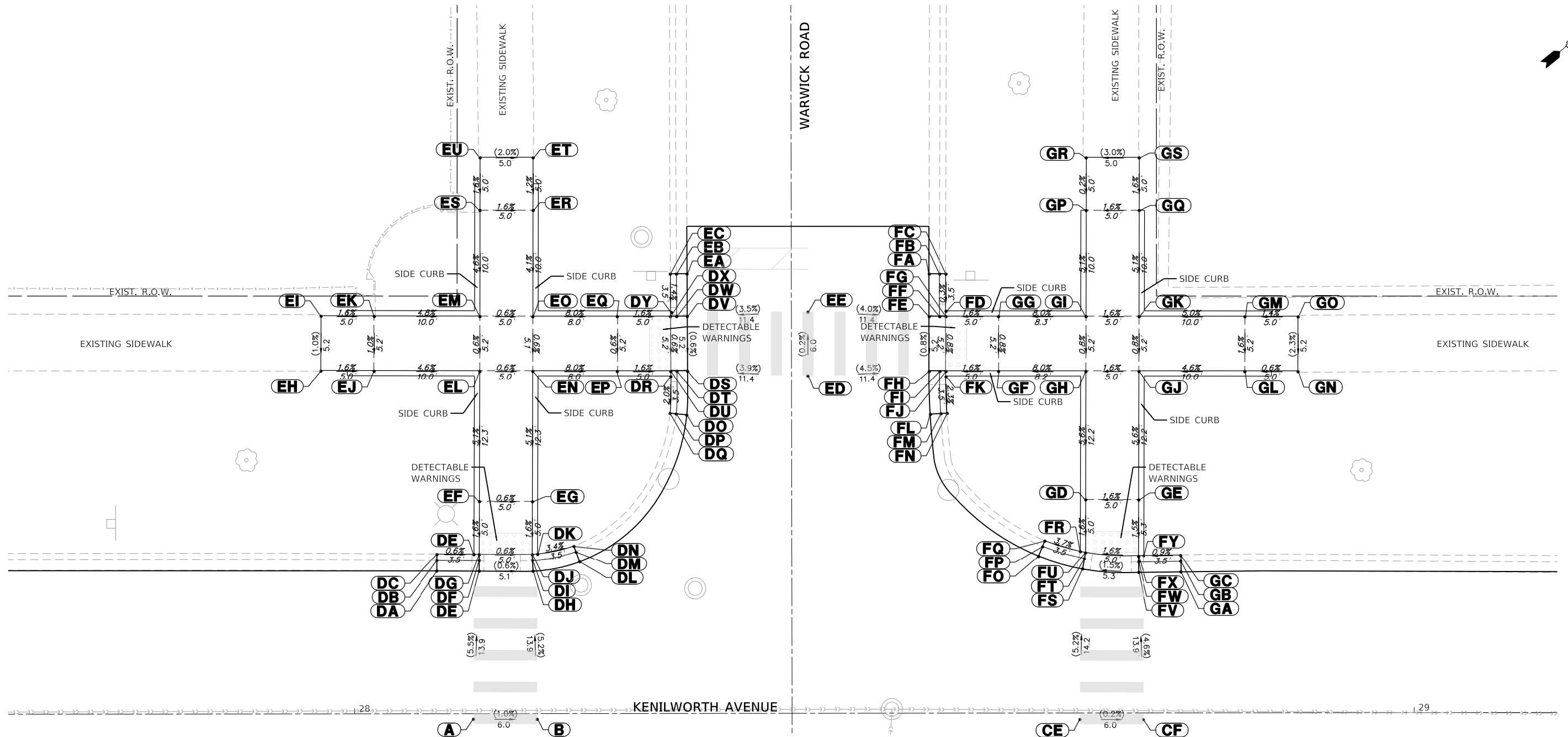
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	STATION	OFFSET	ELEVATION
EN	28+16.8	32.4' L	609.66
EO	28+16.8	37.5' L	609.59
EP	28+24.9	32.4' L	609.02
EQ	28+24.9	37.5' L	609.05
ER	28+16.9	47.5' L	610.10
ES	28+11.9	47.5' L	610.18
ET	28+16.9	52.5' L	610.16
EU	28+11.9	52.5' L	610.26

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FA	28+54.2	41.5' L	608.94
FB	28+55.2	41.5' L	608.88
FC	28+55.8	41.5' L	609.38
FD	28+55.8	38.0' L	609.37
FE	28+54.2	37.5' L	608.92
FF	28+55.2	37.5' L	608.87
FG	28+55.8	37.5' L	608.91
FH	28+54.2	32.3' L	608.88
FI	28+55.2	32.3' L	608.83
FJ	28+55.8	32.3' L	608.87
FK	28+55.8	31.8' L	609.33
FL	28+54.3	28.2' L	608.81
FM	28+55.3	28.3' L	608.75

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
FN	28+55.9	28.3' L	609.25
FO	28+64.6	14.8' L	608.74
FP	28+64.9	15.7' L	608.68
FQ	28+65.2	16.3' L	609.18
FR	28+68.5	15.3' L	609.31
FS	28+68.7	13.6' L	608.86
FT	28+68.9	14.6' L	608.81
FU	28+69	15.2' L	608.85
FV	28+74	13.3' L	608.94
FW	28+74	14.3' L	608.89
FX	28+74	14.8' L	608.93
FY	28+74.5	14.9' L	609.39

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
GA	28+78	13.3' L	608.98
GB	28+78	14.3' L	608.92
GC	28+78	14.9' L	609.42
GD	28+69	20.2' L	608.93
GE	28+74	20.1' L	609.01
GF	28+60.8	32.3' L	608.95
GG	28+60.8	37.5' L	608.99
GH	28+69.1	32.3' L	609.61
GI	28+69.1	37.5' L	609.65
GJ	28+74.1	32.3' L	609.69
GK	28+74.1	37.5' L	609.73
GL	28+84.1	32.3' L	610.15
GM	28+84.1	37.4' L	610.23

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
GN	28+89.1	32.3' L	610.18
GO	28+89.1	37.4' L	610.30
GP	28+69.1	47.5' L	610.16
GQ	28+74.1	47.5' L	610.24
GR	28+69.1	52.5' L	610.17
GS	28+74.1	52.5' L	610.32



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CHECKED - KLB
DATE - 11/5/2020

USER NAME = mvasak
DESIGNED - MIV
DRAWN - PJS
CHECKED - KLB
DATE - 11/5/2020

DESIGNED - MIV
DRAWN - PJS
CHECKED - KLB
DATE - 11/5/2020

REVISED -
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REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

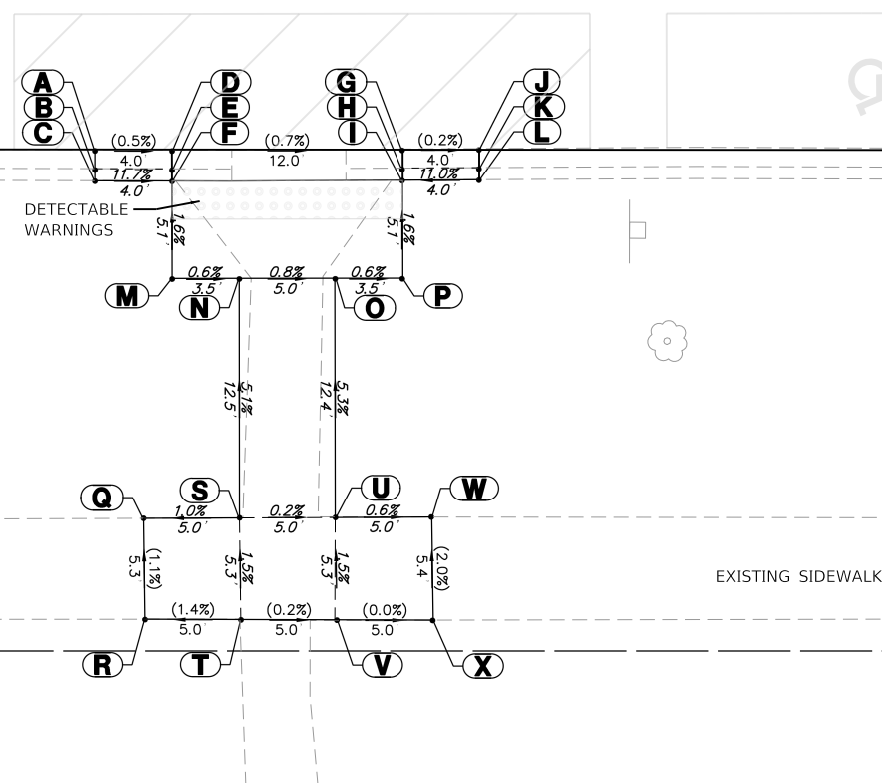
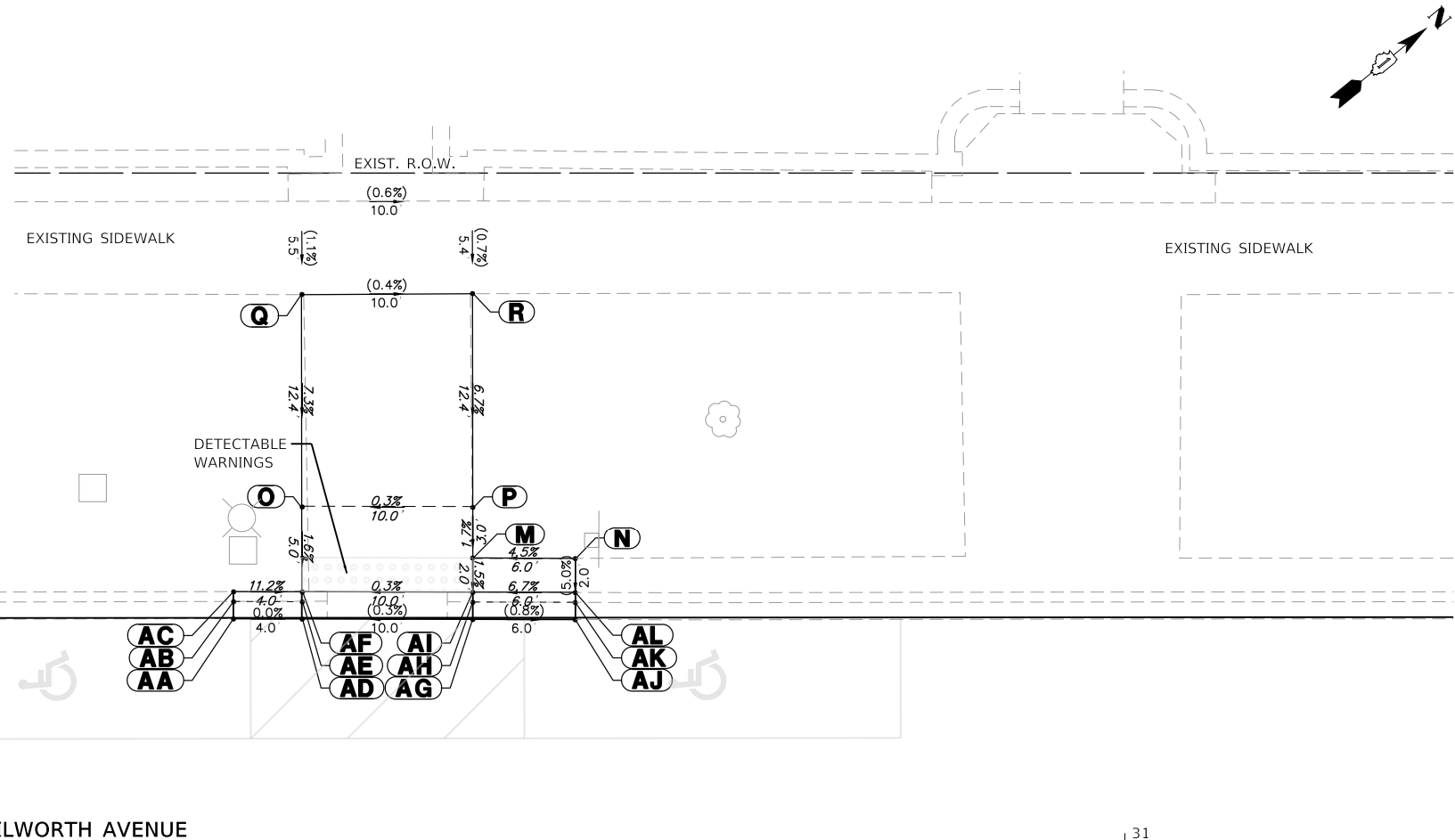
ADA GRADING DETAILS
KENILWORTH AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	56
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	30+47.9	13.1' L	609.01
AB	30+47.9	14.1' L	608.95
AC	30+47.9	14.7' L	609.45
AD	30+51.9	13.1' L	609.01
AE	30+51.9	14.1' L	608.96
AF	30+51.9	14.7' L	609.00
AG	30+61.9	13.1' L	609.04
AH	30+61.9	14.1' L	608.99
AI	30+61.9	14.6' L	609.03
AJ	30+67.9	13.0' L	608.99
AK	30+67.9	14.0' L	608.93
AL	30+67.9	14.6' L	609.43
M	30+61.9	16.6' L	609.06

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	30+67.9	16.6' L	609.33
O	30+51.9	19.7' L	609.08
P	30+61.9	19.6' L	609.11
Q	30+51.9	32.1' L	609.98
R	30+61.9	32.1' L	609.94



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	30+05.2	14.7' R	609.17
B	30+05.2	15.7' R	609.11
C	30+05.2	16.3' R	609.61
D	30+09.2	14.7' R	609.15
E	30+09.2	15.7' R	609.10
F	30+09.2	16.3' R	609.14
G	30+21.2	14.7' R	609.07
H	30+21.2	15.7' R	609.01
I	30+21.2	16.3' R	609.06
J	30+25.2	14.7' R	609.06
K	30+25.2	15.7' R	609.00
L	30+25.2	16.2' R	609.50
M	30+09.2	21.4' R	609.22

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	30+12.7	21.4' R	609.20
O	30+17.7	21.4' R	609.16
P	30+21.2	21.4' R	609.14
Q	30+07.7	33.9' R	609.78
R	30+07.8	39.1' R	609.84
S	30+12.7	33.8' R	609.83
T	30+12.8	39.1' R	609.91
U	30+17.7	33.8' R	609.82
V	30+17.8	39.2' R	609.90
W	30+22.7	33.8' R	609.79
X	30+22.8	39.2' R	609.90

GHA GEWALT HAMILTON ASSOCIATES, INC.
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 FILE NAME: 5641-0000-sht-ADA 10A.dgn
 5641
 Default

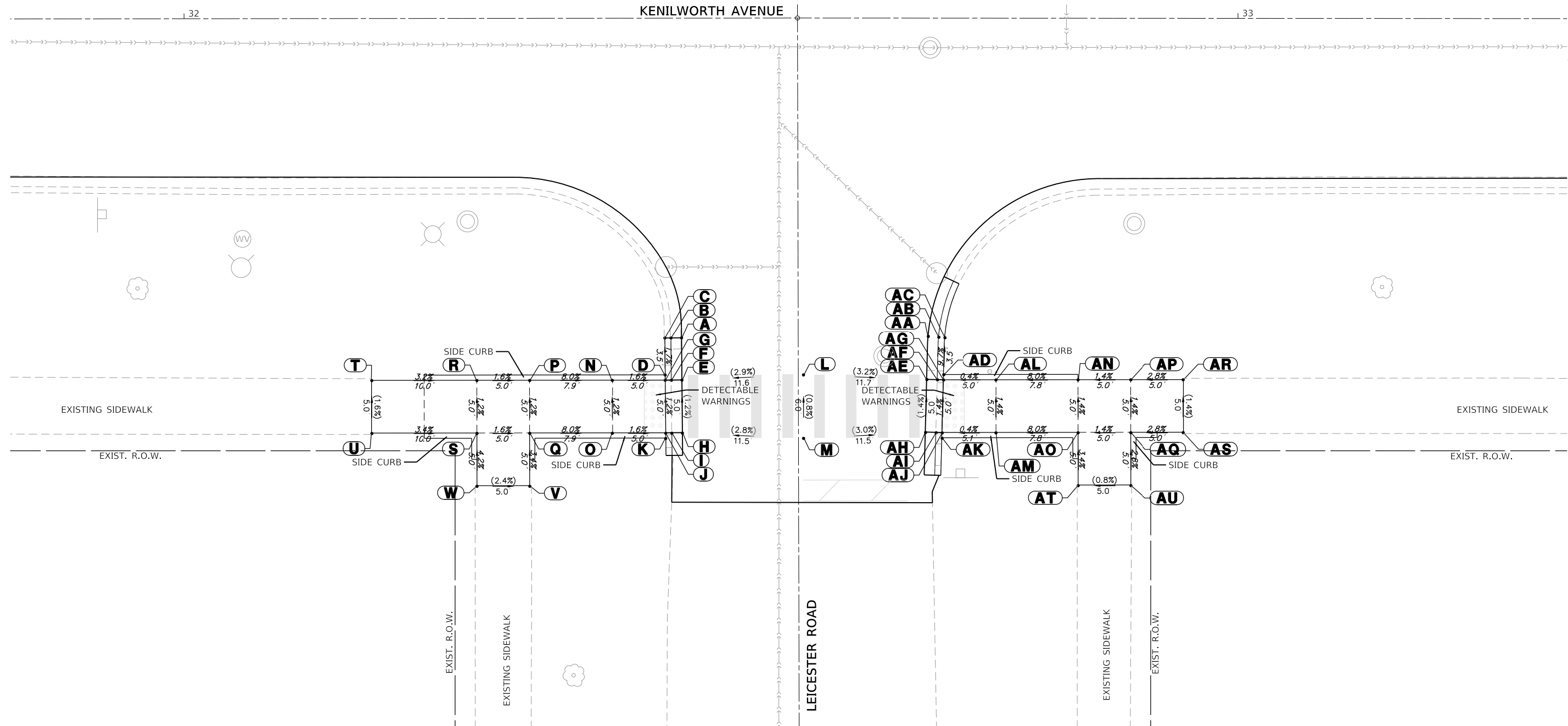
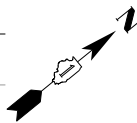
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Default	PLOT DATE = 11/5/2020	CHECKED - KLB	REVISED -
		DATE - 11/5/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA GRADING DETAILS
KENILWORTH AVENUE

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

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 57
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	32+47.2	30.3' R	608.54
B	32+46.2	30.4' R	680.48
C	32+45.6	30.4' R	608.98
D	32+45.6	33.9' R	609.04
E	32+47.2	34.3' R	608.59
F	32+46.2	34.4' R	608.54
G	32+45.6	34.4' R	608.58
H	32+47.2	39.3' R	608.65
I	32+46.2	39.4' R	608.60
J	32+45.7	39.4' R	608.64
K	32+45.7	39.9' R	609.10
L	32+58.8	33.9' R	608.92
M	32+58.8	39.9' R	608.97

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	32+40.6	34.4' R	608.66
O	32+40.6	39.4' R	608.72
P	32+32.7	34.4' R	609.29
Q	32+32.7	39.4' R	609.35
R	32+27.7	34.4' R	609.37
S	32+27.7	39.4' R	609.43
T	32+17.7	34.4' R	609.69
U	32+17.7	39.4' R	609.77
V	32+32.7	44.4' R	609.52
W	32+27.7	44.4' R	609.64

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	32+70.6	30.2' R	608.22
AB	32+71.6	30.3' R	608.16
AC	32+72.2	30.3' R	608.66
AD	32+72.1	33.8' R	609.00
AE	32+70.5	34.3' R	608.55
AF	32+71.5	34.3' R	608.50
AG	32+72.1	34.3' R	608.54
AH	32+70.4	39.3' R	608.62
AI	32+71.4	39.3' R	608.57
AJ	32+71.9	39.3' R	608.61
AK	32+71.9	39.8' R	609.07
AL	32+77.1	34.3' R	608.52
AM	32+77.1	39.3' R	608.59

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AN	32+84.8	34.3' R	609.14
AO	32+84.9	39.3' R	609.21
AP	32+89.8	34.3' R	609.21
AQ	32+89.9	39.3' R	609.28
AR	32+94.8	34.3' R	609.35
AS	32+94.9	39.3' R	609.42
AT	32+84.9	44.3' R	609.38
AU	32+89.9	44.3' R	609.42



MODEL: Default
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Default	PLOT DATE = 11/5/2020	CHECKED - KLB	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
KENILWORTH AVENUE**

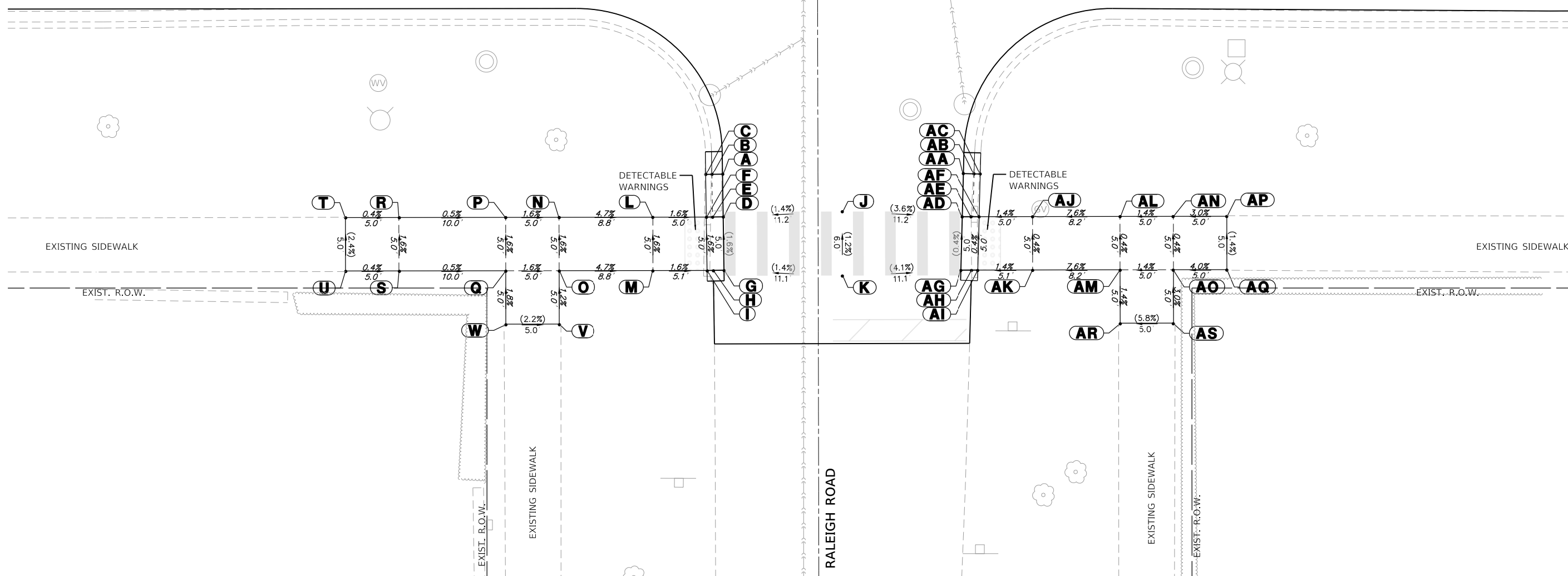
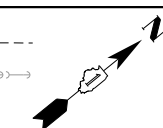
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 1669	SECTION 17-00034-00-R5	COUNTY COOK	TOTAL SHEETS 74	SHEET NO. 58
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				

L36

KENILWORTH AVENUE

L37



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	36+63.6	30.1' R	608.06
B	36+62.6	30.1' R	608.00
C	36+62	30.1' R	608.50
D	36+63.6	34.1' R	608.29
E	36+62.6	34.1' R	608.24
F	36+62.1	34.1' R	608.28
G	36+63.7	39.1' R	608.37
H	36+62.7	39.1' R	608.32
I	36+62.1	39.1' R	608.36
J	36+74.8	33.6' R	608.45
K	36+74.8	39.6' R	608.52
L	36+57.1	34.1' R	608.36
M	36+57.1	39.1' R	608.44

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	36+48.3	34.1' R	608.77
O	36+48.3	39.1' R	608.85
P	36+43.3	34.1' R	608.85
Q	36+43.3	39.1' R	608.93
R	36+33.3	34.2' R	608.90
S	36+33.3	39.2' R	608.98
T	36+28.3	34.2' R	608.88
U	36+28.3	39.2' R	609.00
V	36+48.3	44.1' R	608.91
W	36+43.3	44.1' R	609.02

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	36+86.1	30.0' R	607.93
AB	36+87.1	30.0' R	607.87
AC	36+87.7	30.0' R	608.37
AD	36+86	34.1' R	608.04
AE	36+86.9	34.0' R	607.98
AF	36+87.6	34.0' R	608.03
AG	36+85.9	39.1' R	608.06
AH	36+86.9	39.0' R	608.01
AI	36+87.5	39.0' R	608.05
AJ	36+92.6	34.0' R	608.10
AK	36+92.6	39.0' R	608.12
AL	37+00.8	34.0' R	608.72
AM	37+00.8	39.0' R	608.74

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AN	37+05.8	34.0' R	608.79
AO	37+05.8	39.0' R	608.81
AP	37+10.8	34.0' R	608.94
AQ	37+10.8	39.0' R	609.01
AR	37+00.8	44.0' R	608.67
AS	37+05.8	44.0' R	608.96



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PLOT DATE = 11/5/2020

DESIGNED - MJV
DRAWN - PJS
CHECKED - KLB
DATE - 11/5/2020

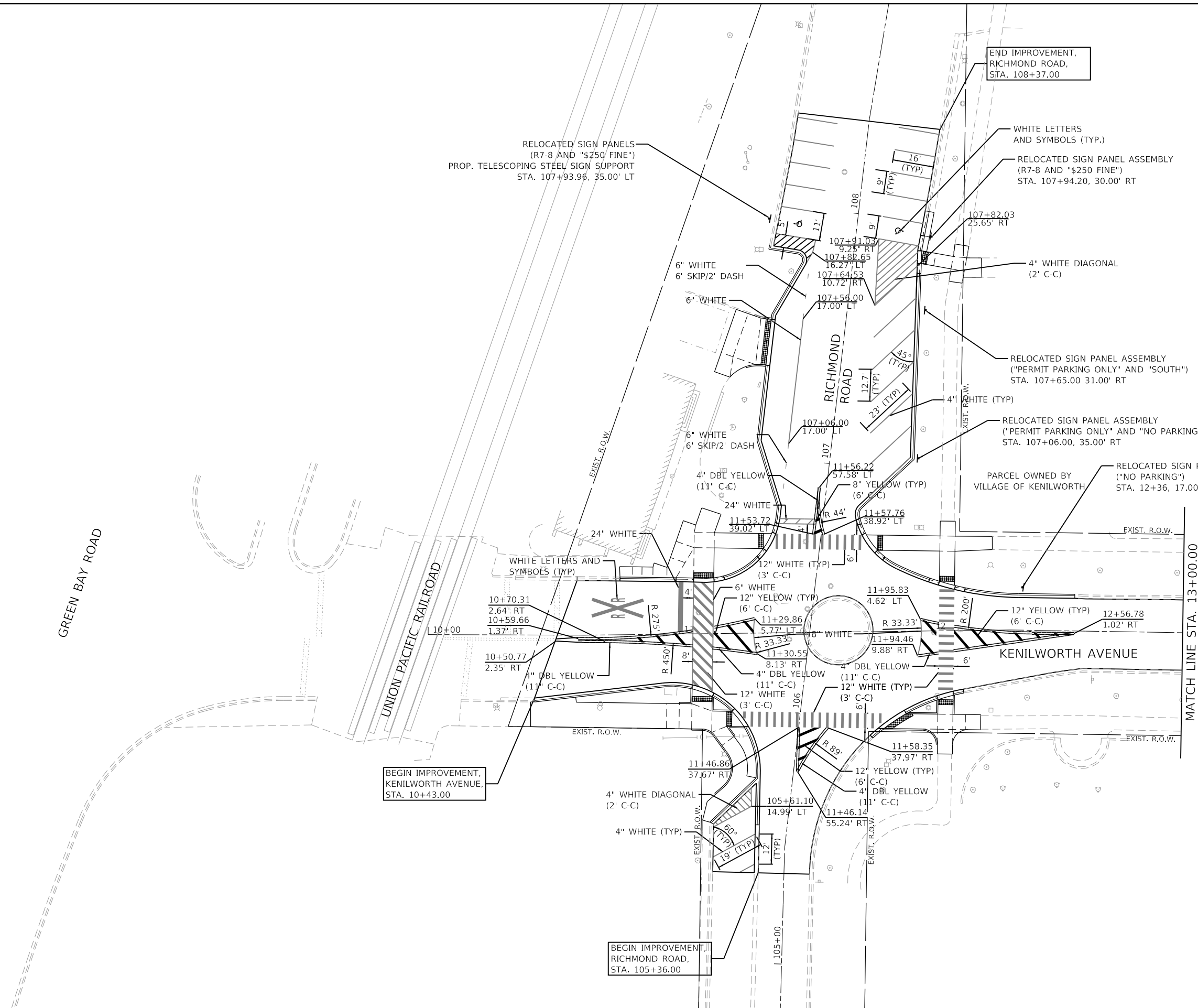
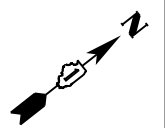
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA GRADING DETAILS
KENILWORTH AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	59
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



GREEN BAY ROAD

UNION PACIFIC RAILROAD

RICHMOND ROAD

KENILWORTH AVENUE

MATCH LINE STA. 13+00.00

BEGIN IMPROVEMENT,
KENILWORTH AVENUE,
STA. 10+43.00

BEGIN IMPROVEMENT,
RICHMOND ROAD,
STA. 105+36.00

END IMPROVEMENT,
RICHMOND ROAD,
STA. 108+37.00

NOTE:
ALL PAVEMENT MARKINGS ARE THERMOPLASTIC



MODEL: PAVEMENT MARKING
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FILE NAME =	5641-0000-shr-pmk_1.dgn
USER NAME =	mvasak
DESIGNED -	MJV
DRAWN -	DGO
CHECKED -	KLB
PAVEMENT MARKING	

DESIGNED -	MJV
REVISI	
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REVISI	
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PLOT SCALE =	1:20
PLOT DATE =	11/6/2020

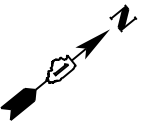
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DRAWN -	DGO
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CHECKED -	KLB
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DATE -	11/5/2020
REVISI	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
KENILWORTH AVENUE**

SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. 10+00 TO STA. 13+50

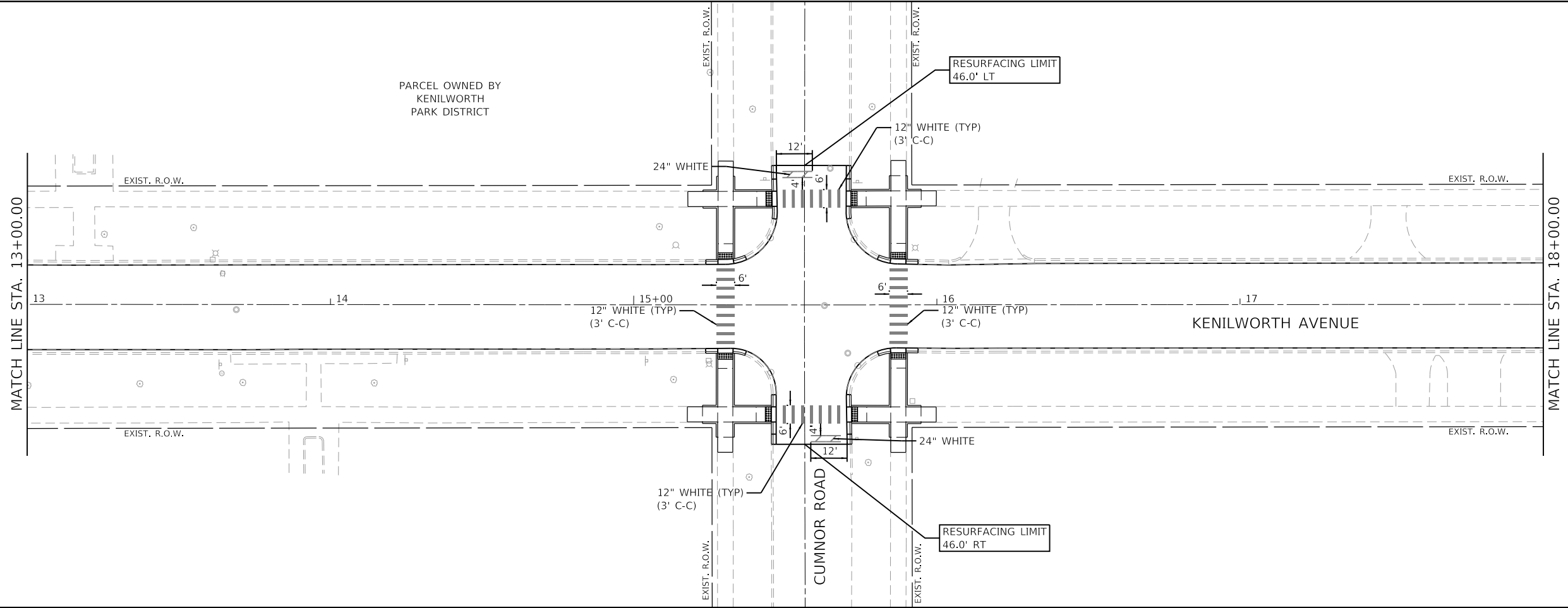
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1669	17-00034-00-R5	COOK	74	60
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



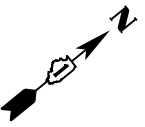
PARCEL OWNED BY
KENILWORTH
PARK DISTRICT

MATCH LINE STA. 13+00.00

MATCH LINE STA. 18+00.00

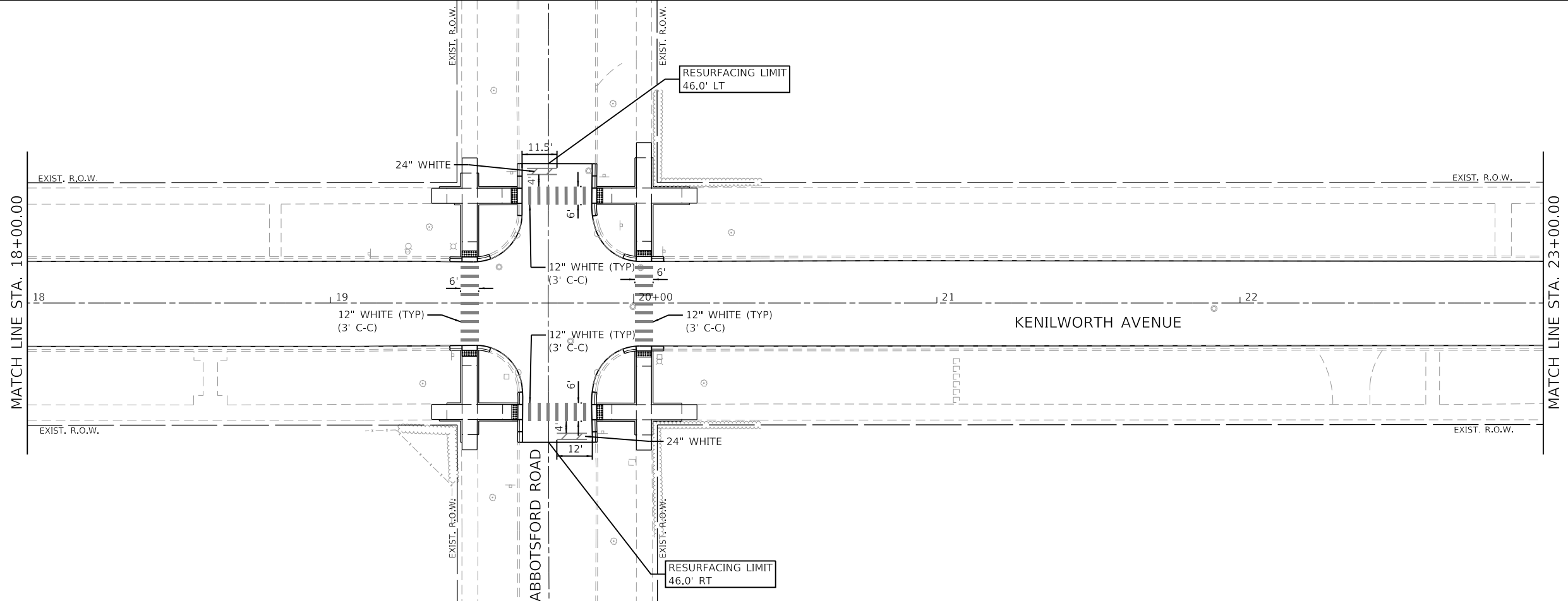


NOTE:
ALL PAVEMENT MARKINGS ARE THERMOPLASTIC



MATCH LINE STA. 18+00.00

MATCH LINE STA. 23+00.00



NOTE:
ALL PAVEMENT MARKINGS ARE THERMOPLASTIC



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 USER NAME = mvasak
 PLOT SCALE = 1:20
 PLOT DATE = 11/5/2020

DESIGNED - MJV
 DRAWN - DGO
 CHECKED - KLB
 DATE - 11/5/2020

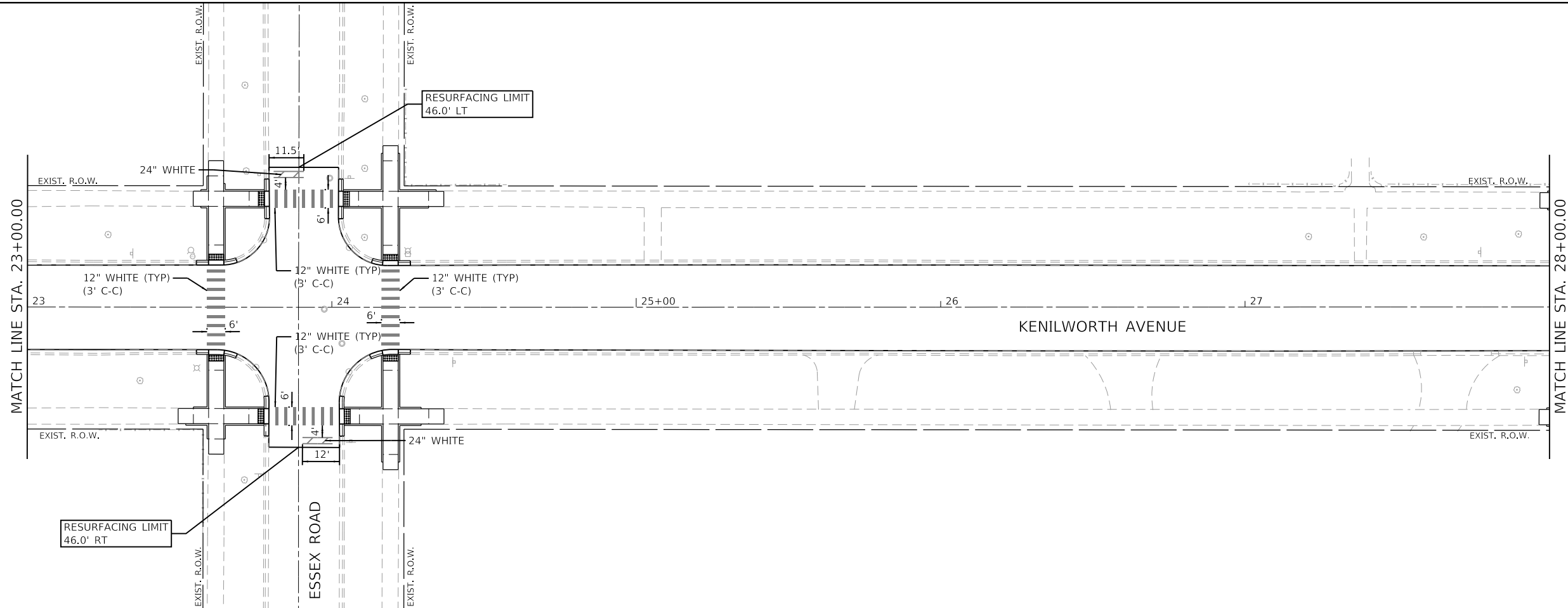
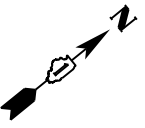
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

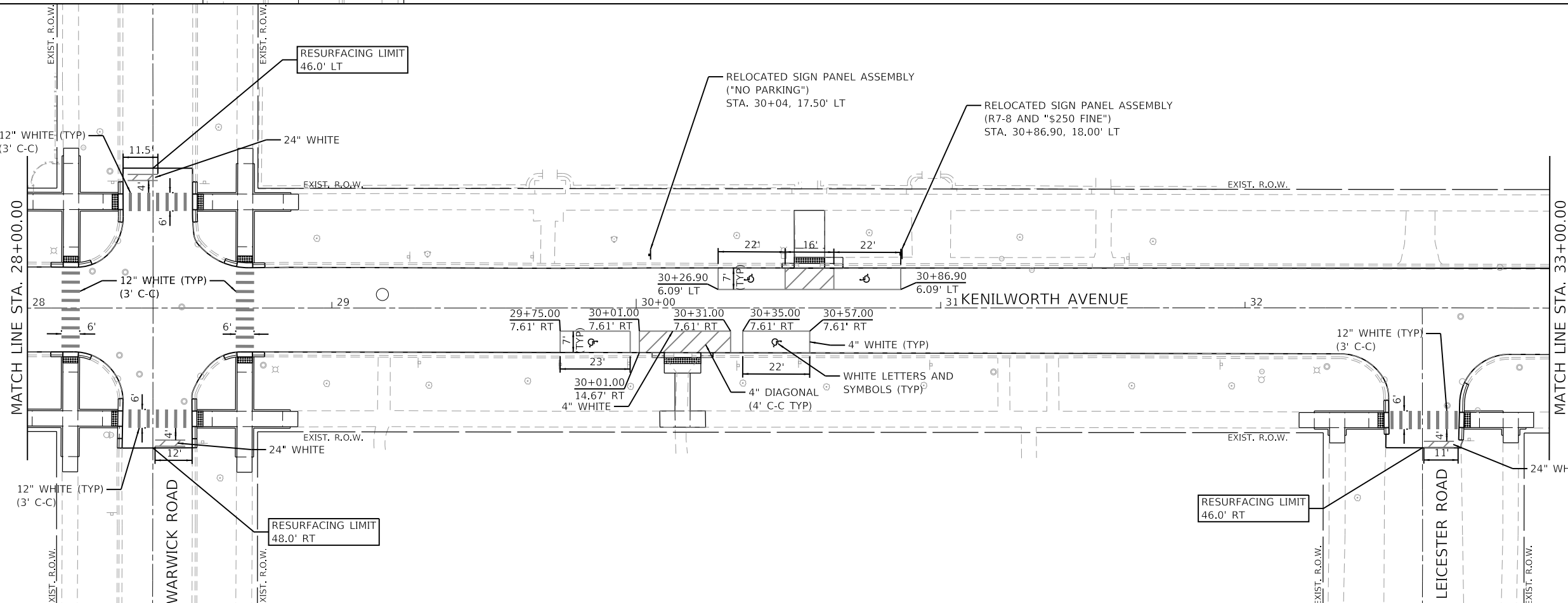
**PAVEMENT MARKING AND SIGNING PLAN
 KENILWORTH AVENUE**

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 13+50 TO STA. 23+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	61
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS ARE THERMOPLASTIC



NOTE:
ALL PAVEMENT MARKINGS ARE THERMOPLASTIC



FILE NAME =	5641-0000-sht-pmk_3.dgn
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PAVEMENT MARKING	

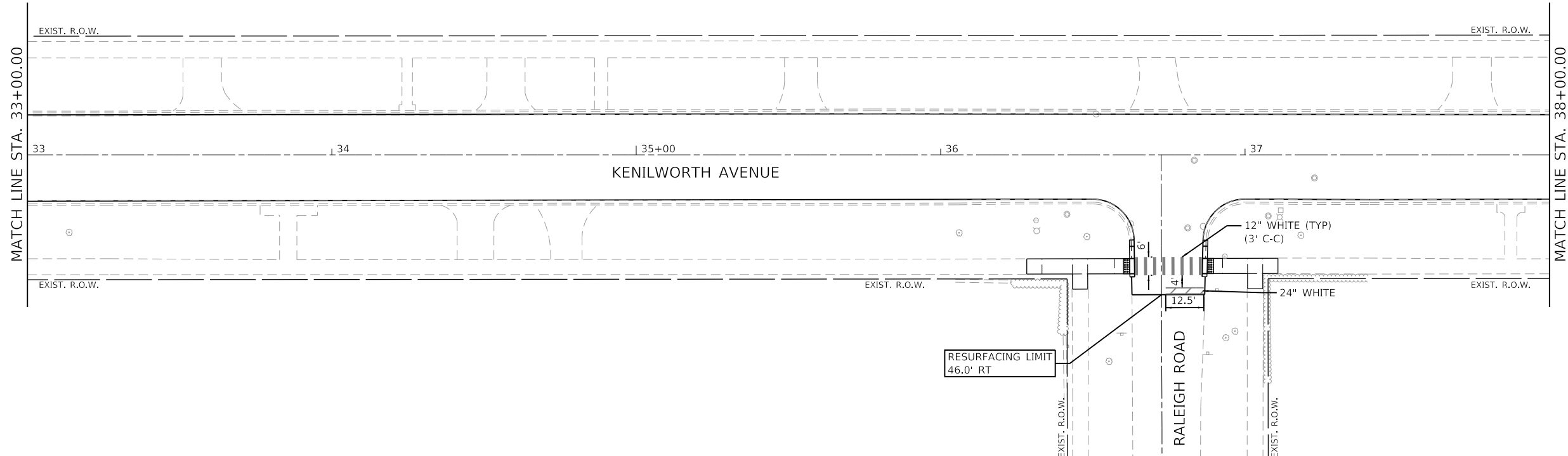
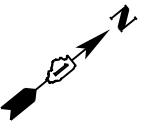
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DRAWN -	DGO
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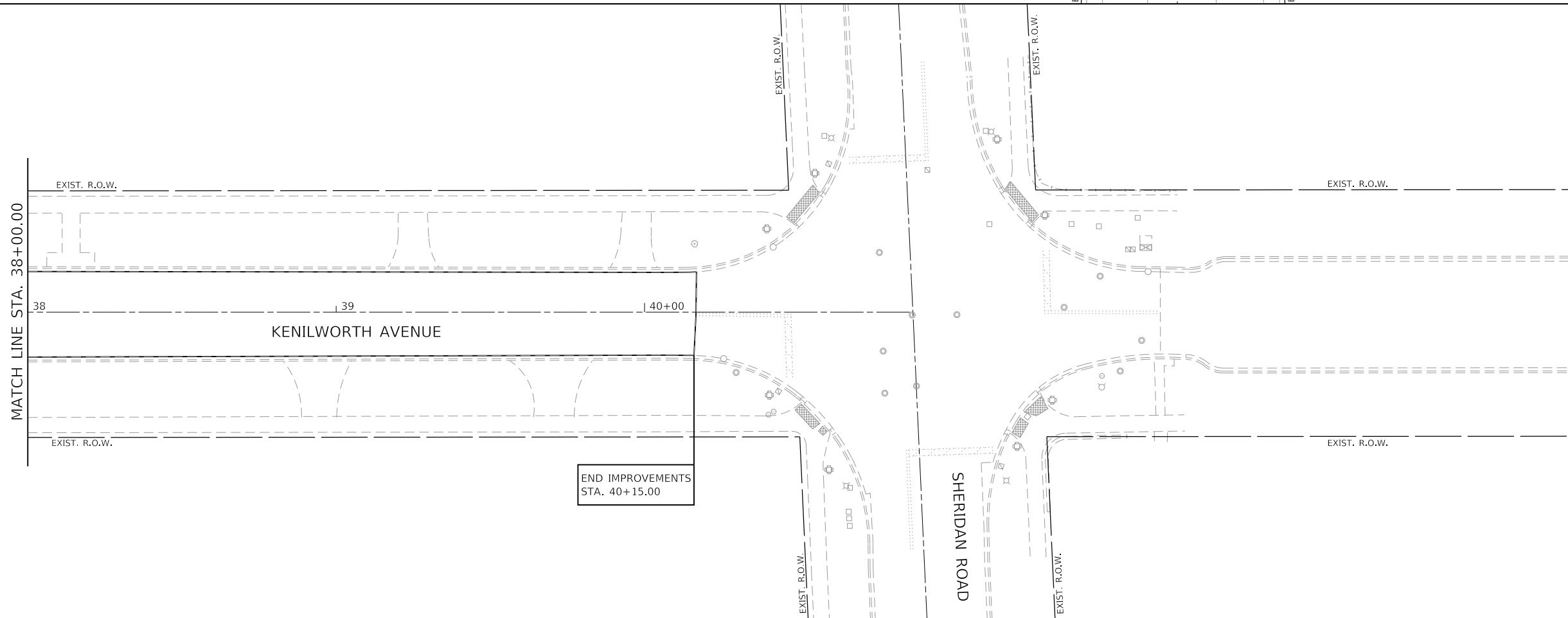
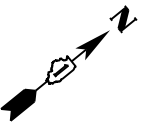
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN			
KENILWORTH AVENUE			
SCALE: 1"=20'	SHEET 3 OF 5 SHEETS	STA. 23+00	TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	62
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS ARE THERMOPLASTIC



NOTE:
ALL PAVEMENT MARKINGS ARE THERMOPLASTIC



MODEL: PAVEMENT MARKING
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PAVEMENT MARKING

USER NAME = mvasak
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PLOT DATE = 11/5/2020

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DRAWN - DGO
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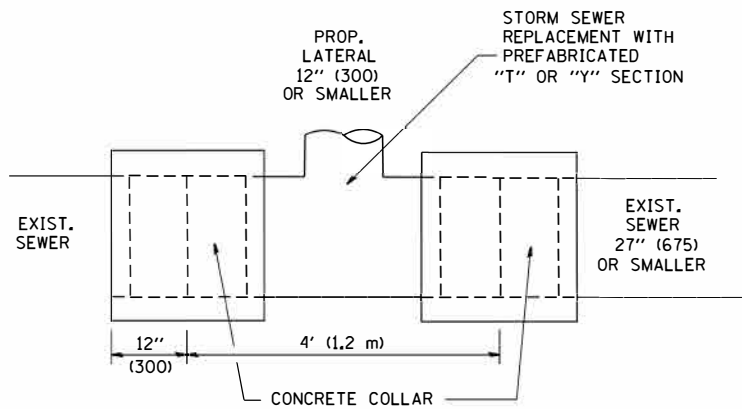
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
KENILWORTH AVENUE**

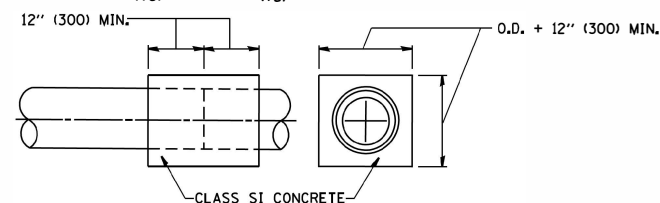
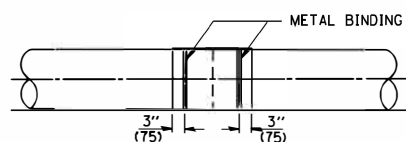
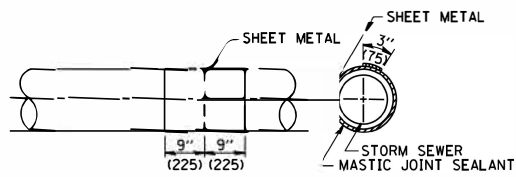
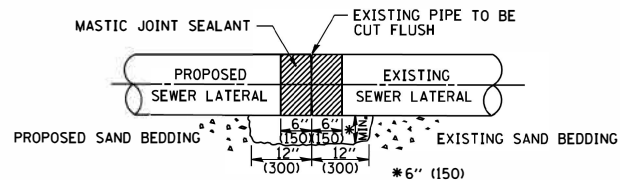
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1669	17-00034-00-R5	COOK	74	63
CONTRACT NO. 61G87				
ILLINOIS FED. AID PROJECT				



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

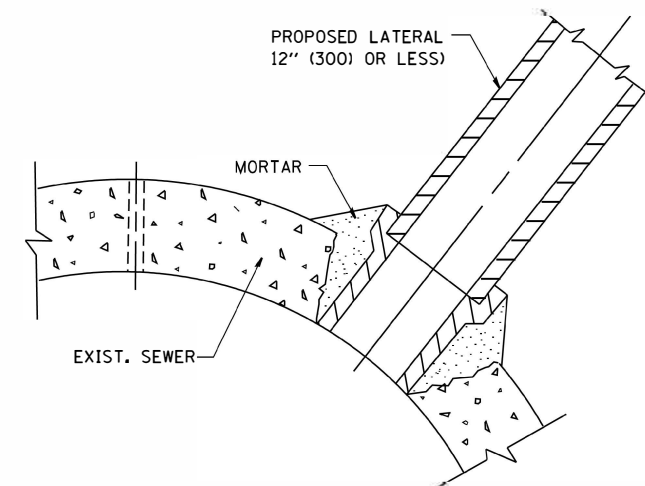


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

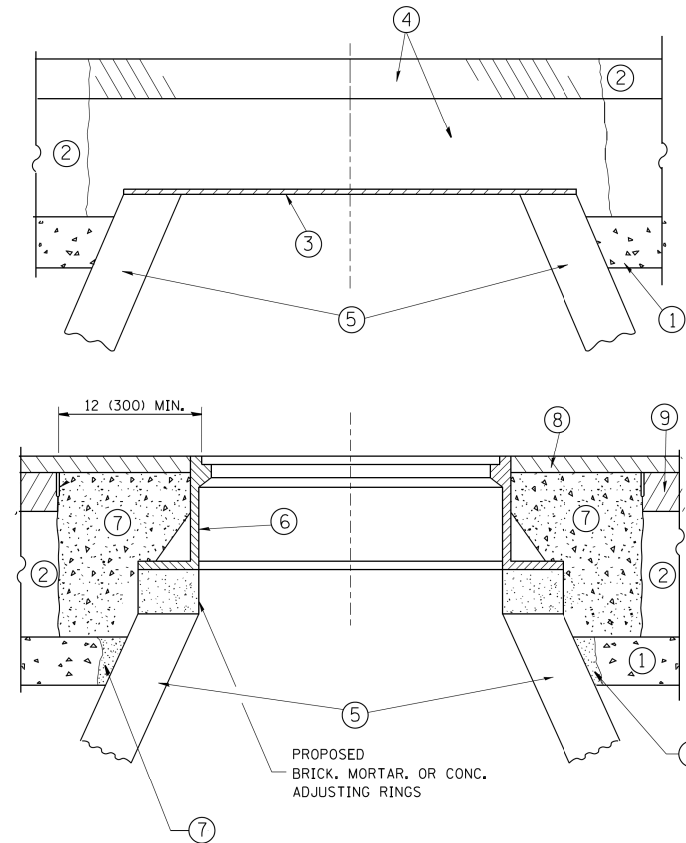
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	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	74	64
BD500-01 (BD-7)			CONTRACT NO. 61687	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

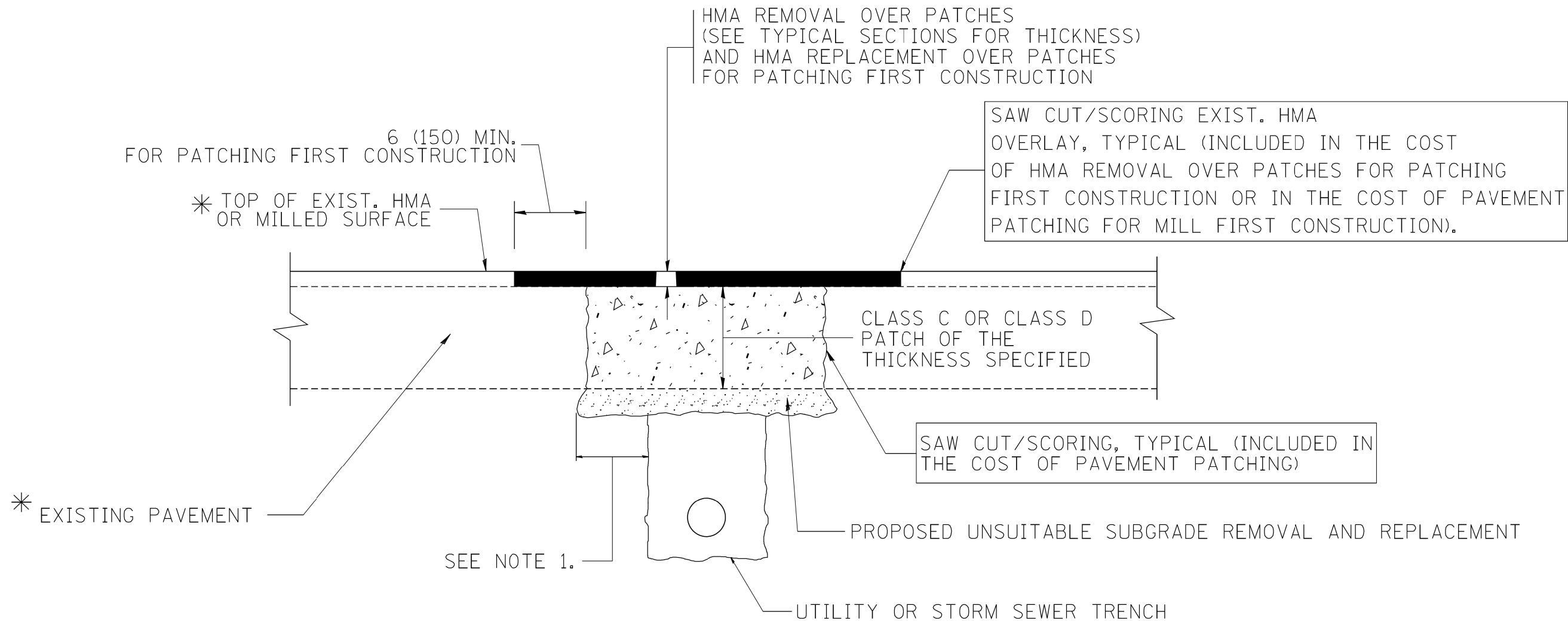
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	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	74	65
BD600-03 (BD-8)			CONTRACT NO. 61G87	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

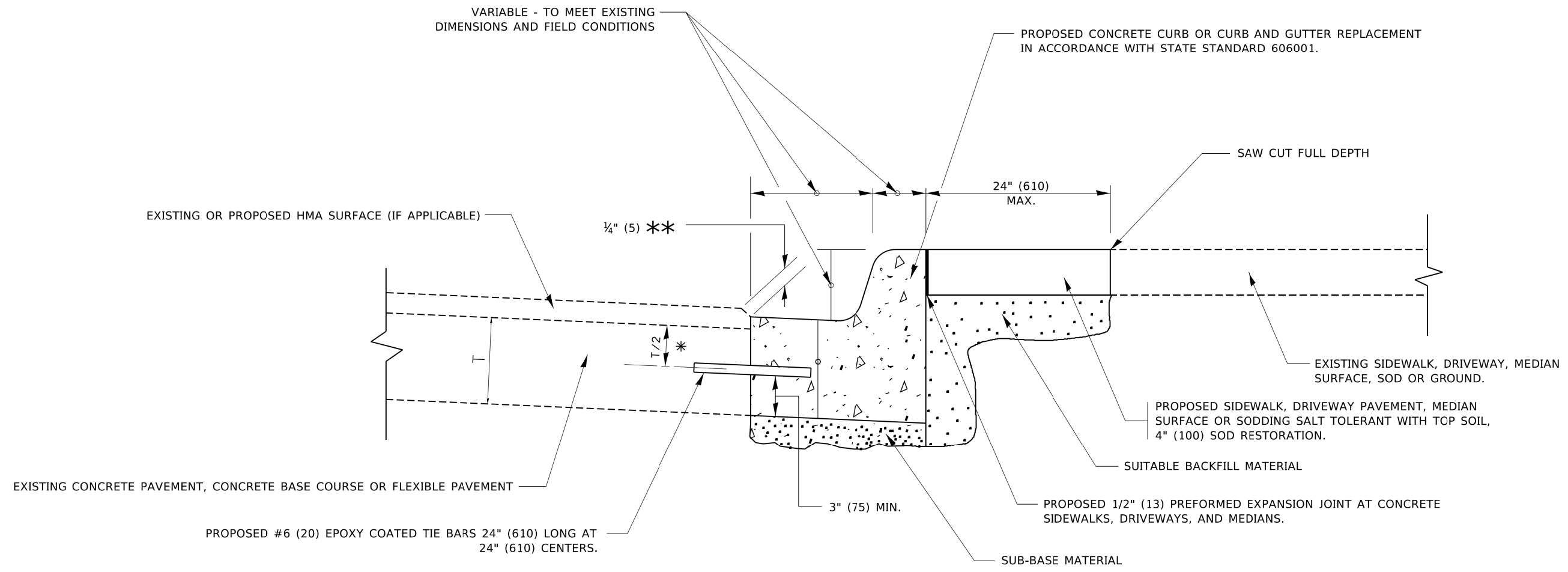
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

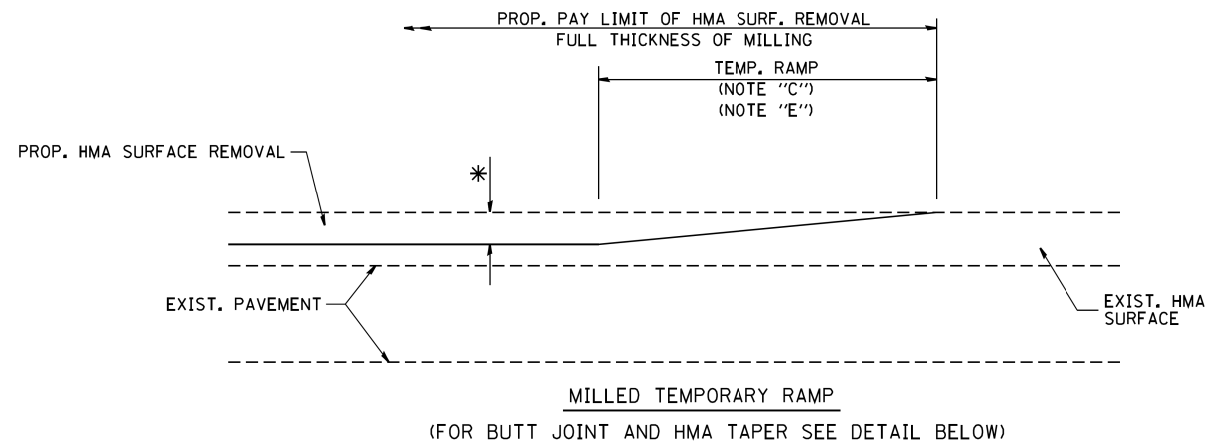
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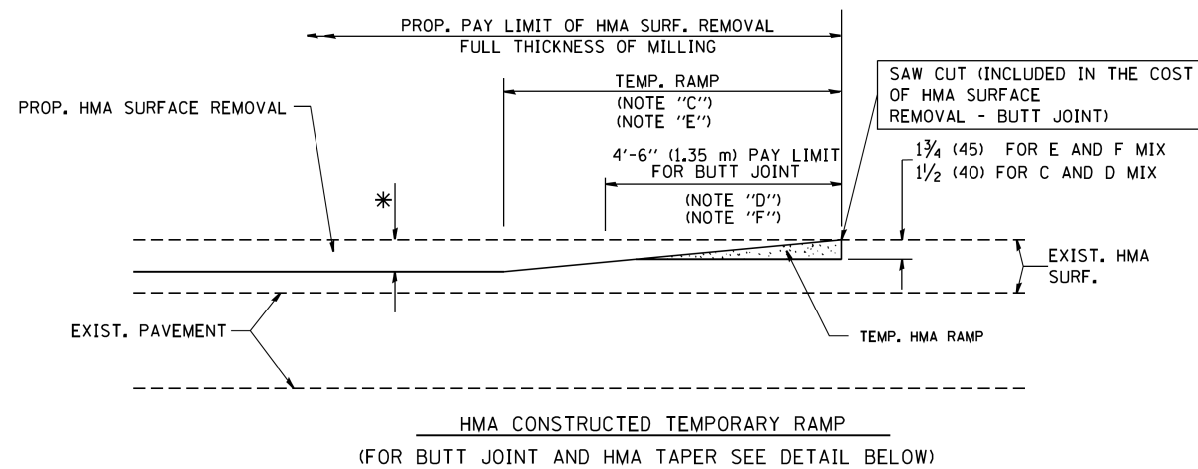
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	74	67
BD600-06 (BD-24)			CONTRACT NO. 61G87	
ILLINOIS FED. AID PROJECT				

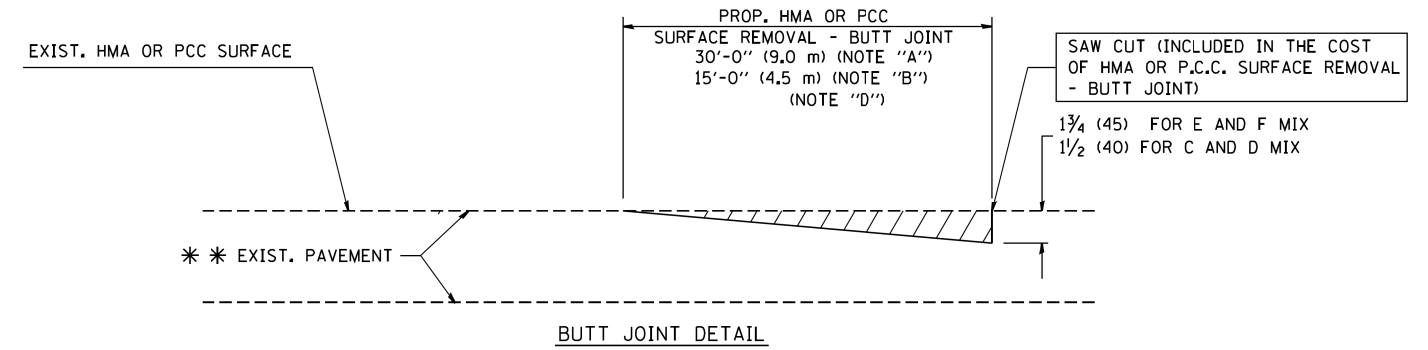


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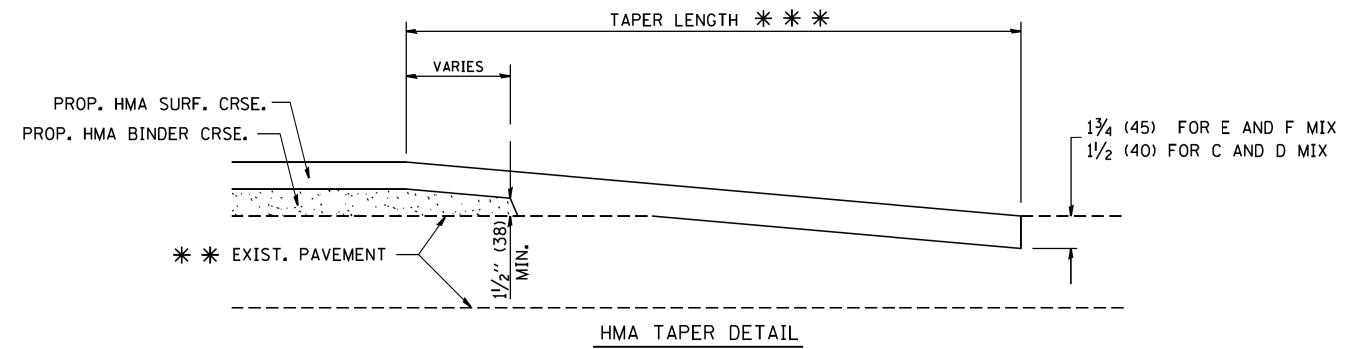


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

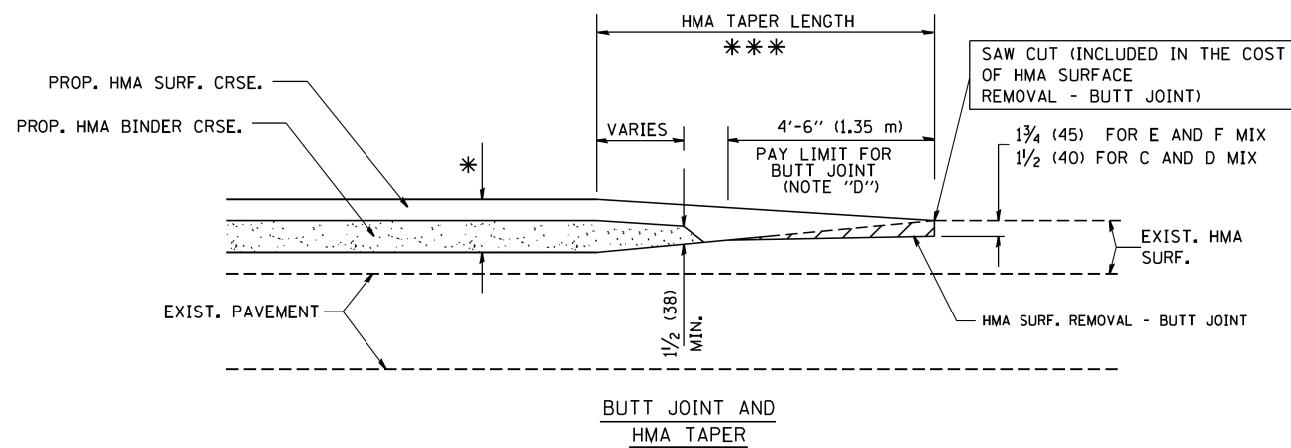
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- * * * 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

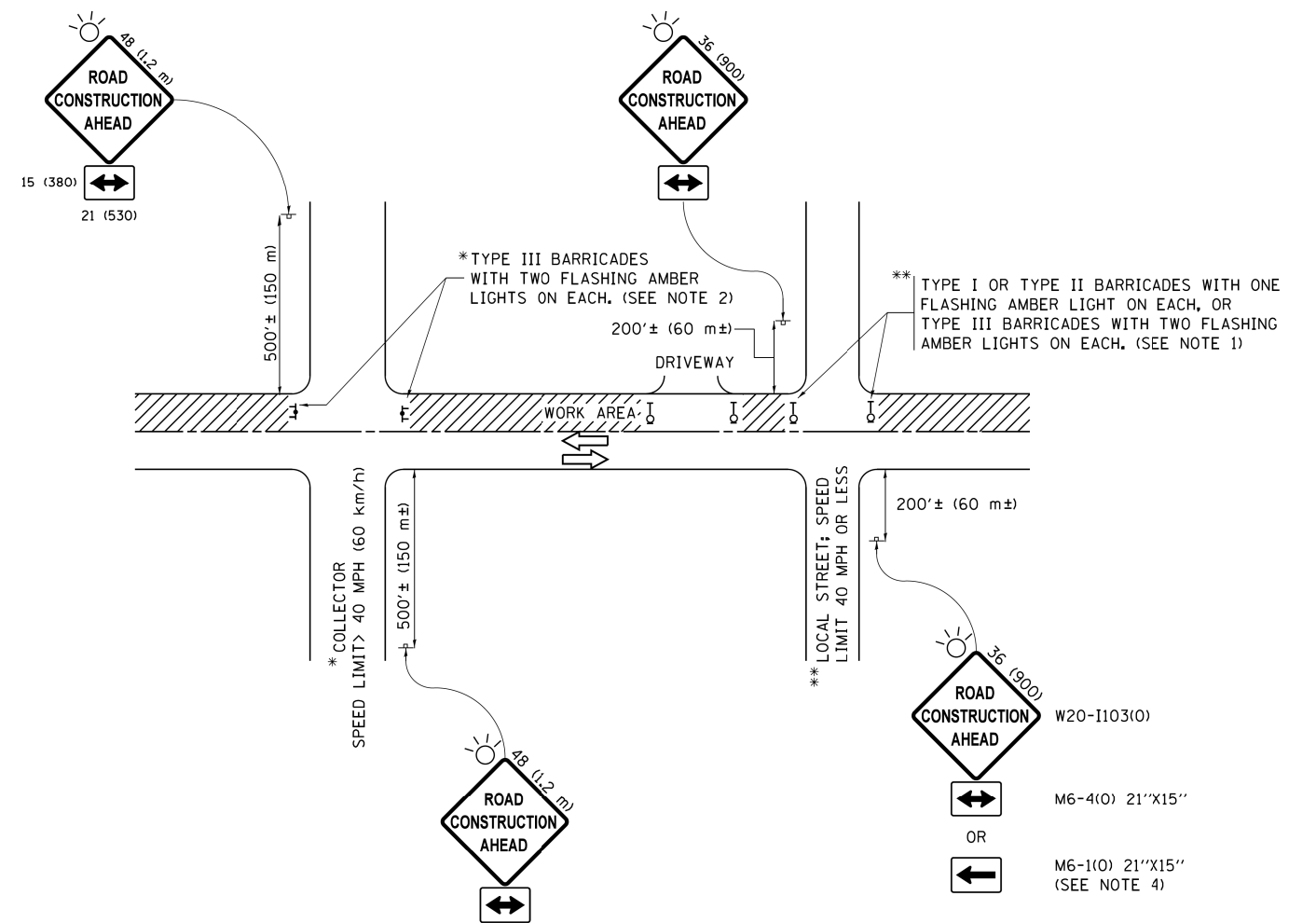
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	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	74	68
BD400-05 BD32			CONTRACT NO. 61G87	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

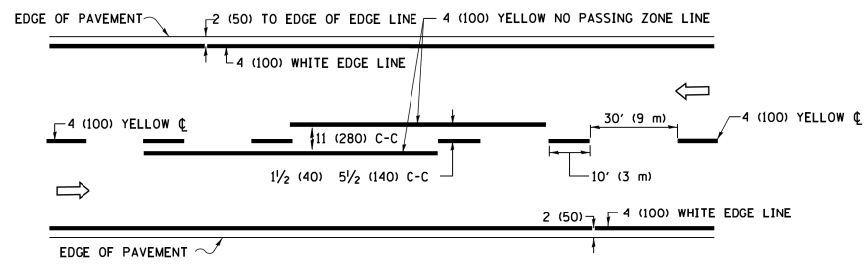
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

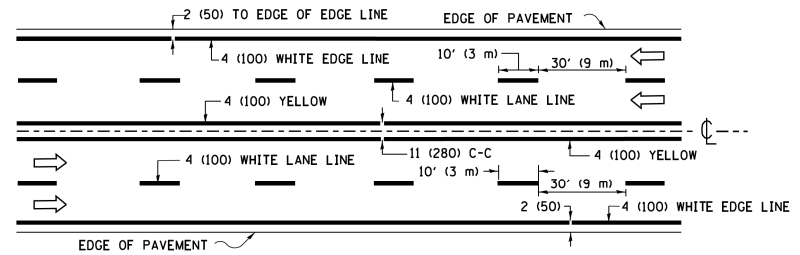
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

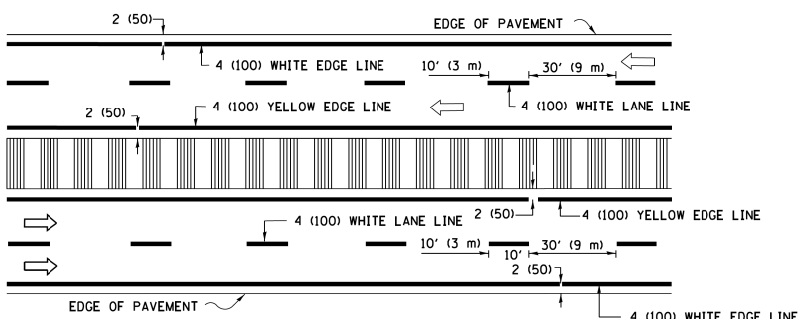
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-10	COOK	74	69
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G87	



2-LANE ROADWAY

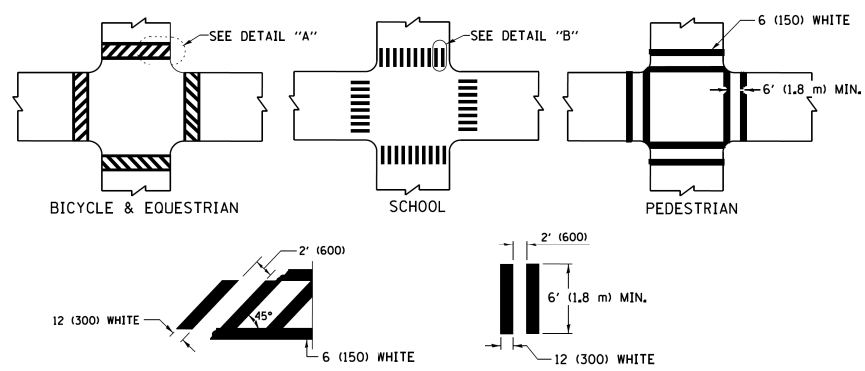


MULTI-LANE UNDIVIDED



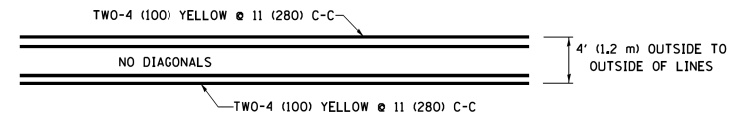
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

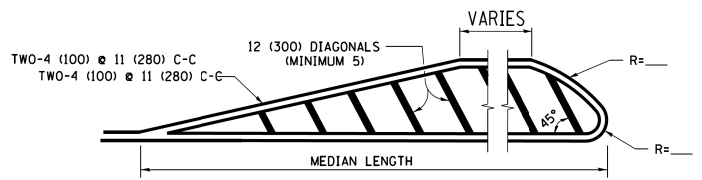


TYPICAL CROSSWALK MARKING

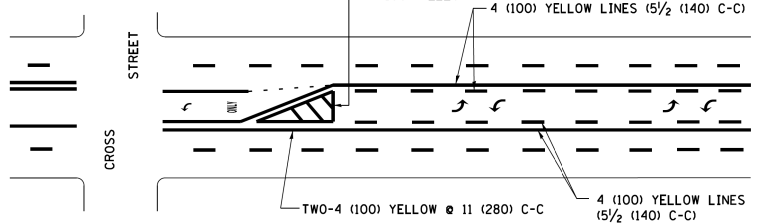
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



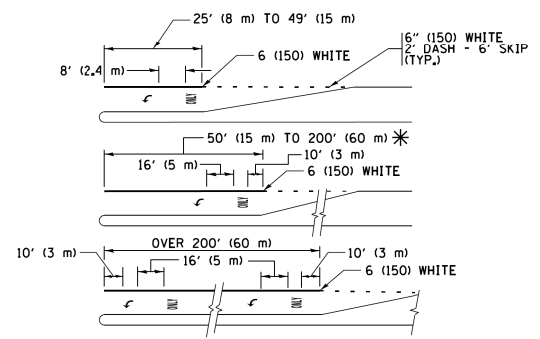
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



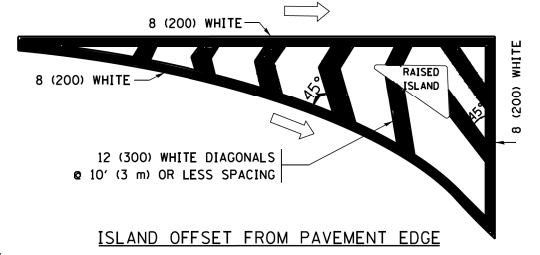
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



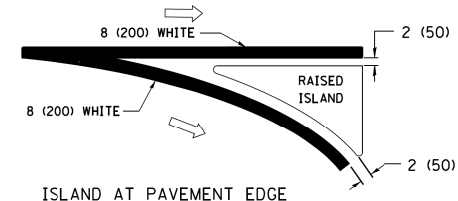
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

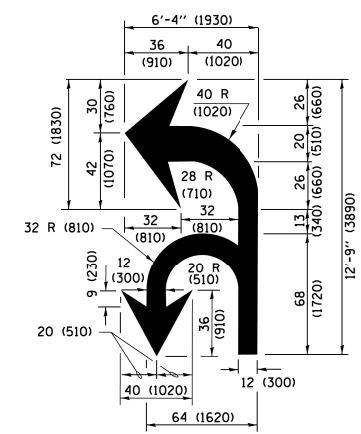
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



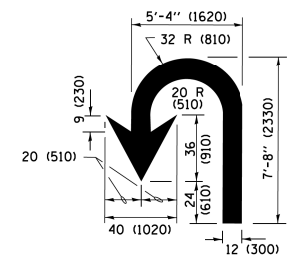
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

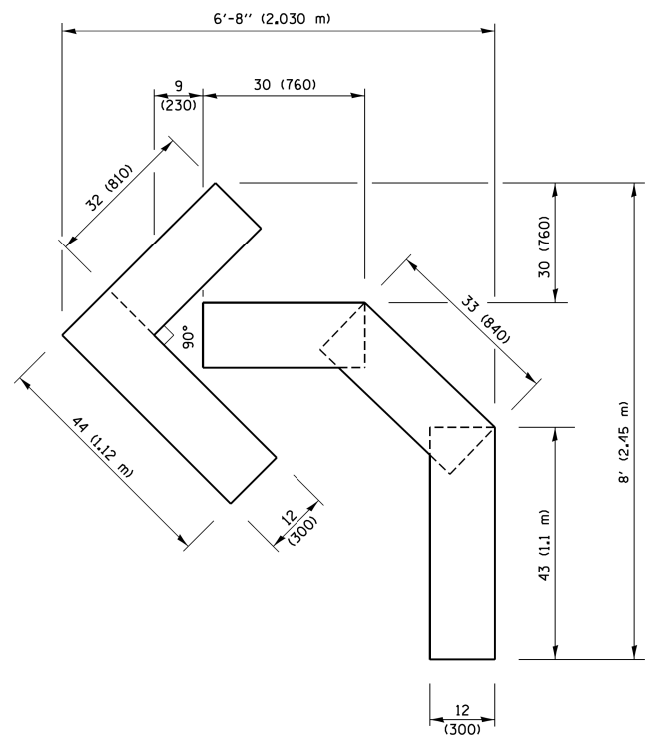
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	PLOT DATE = 6/23/2017	CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

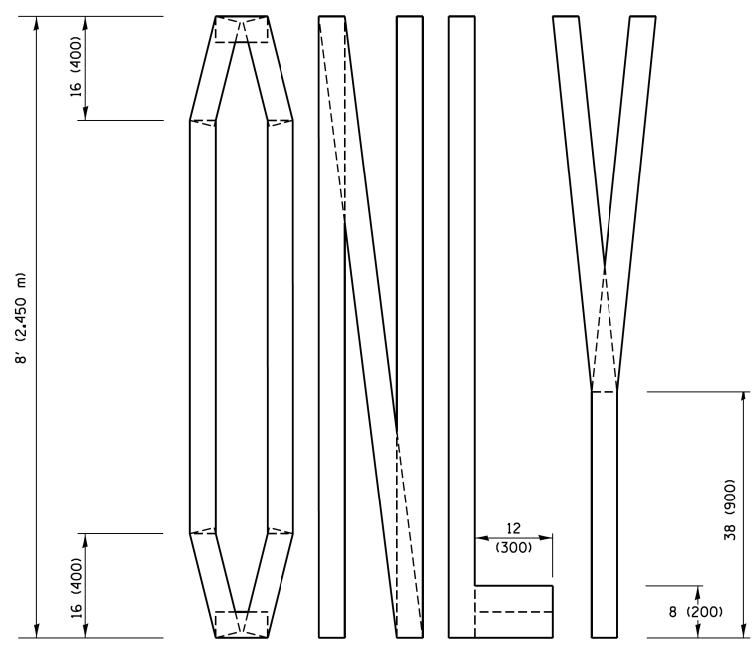
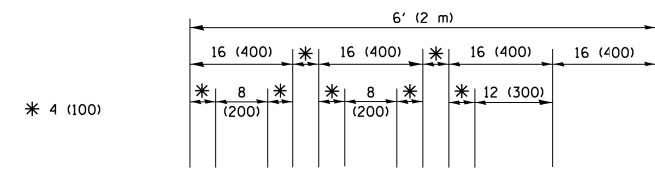
DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.
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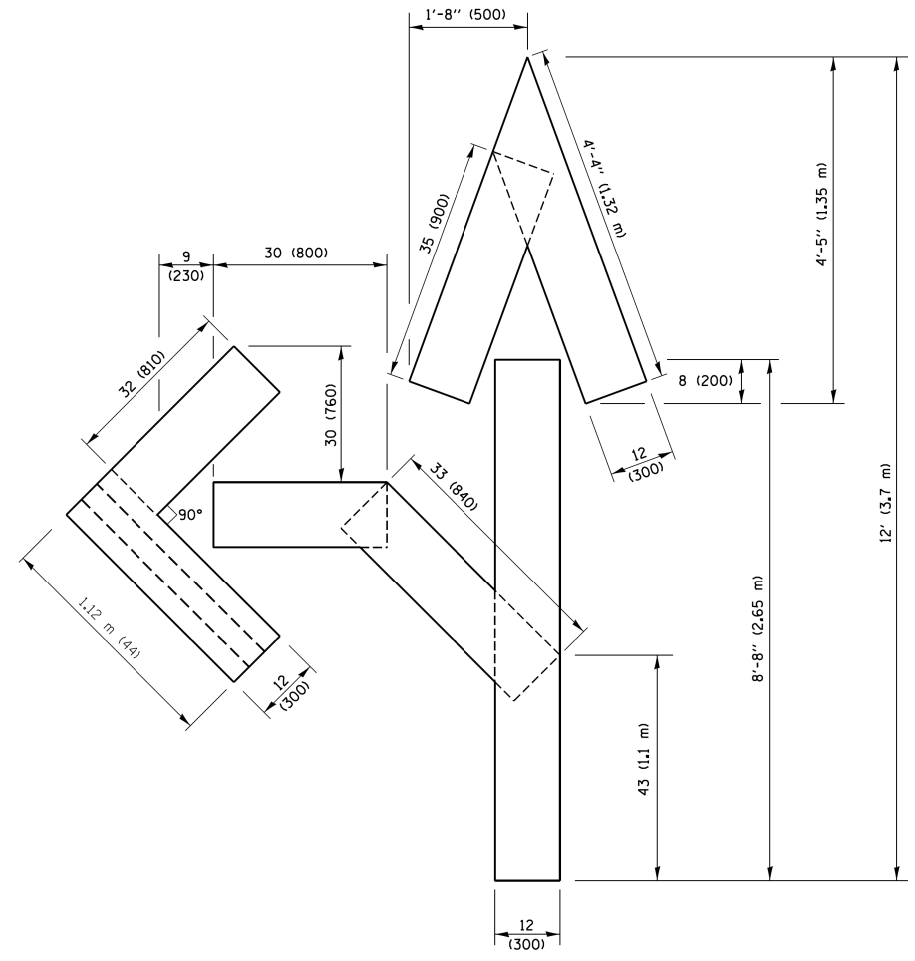
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-13	COOK	74	70
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G87	



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

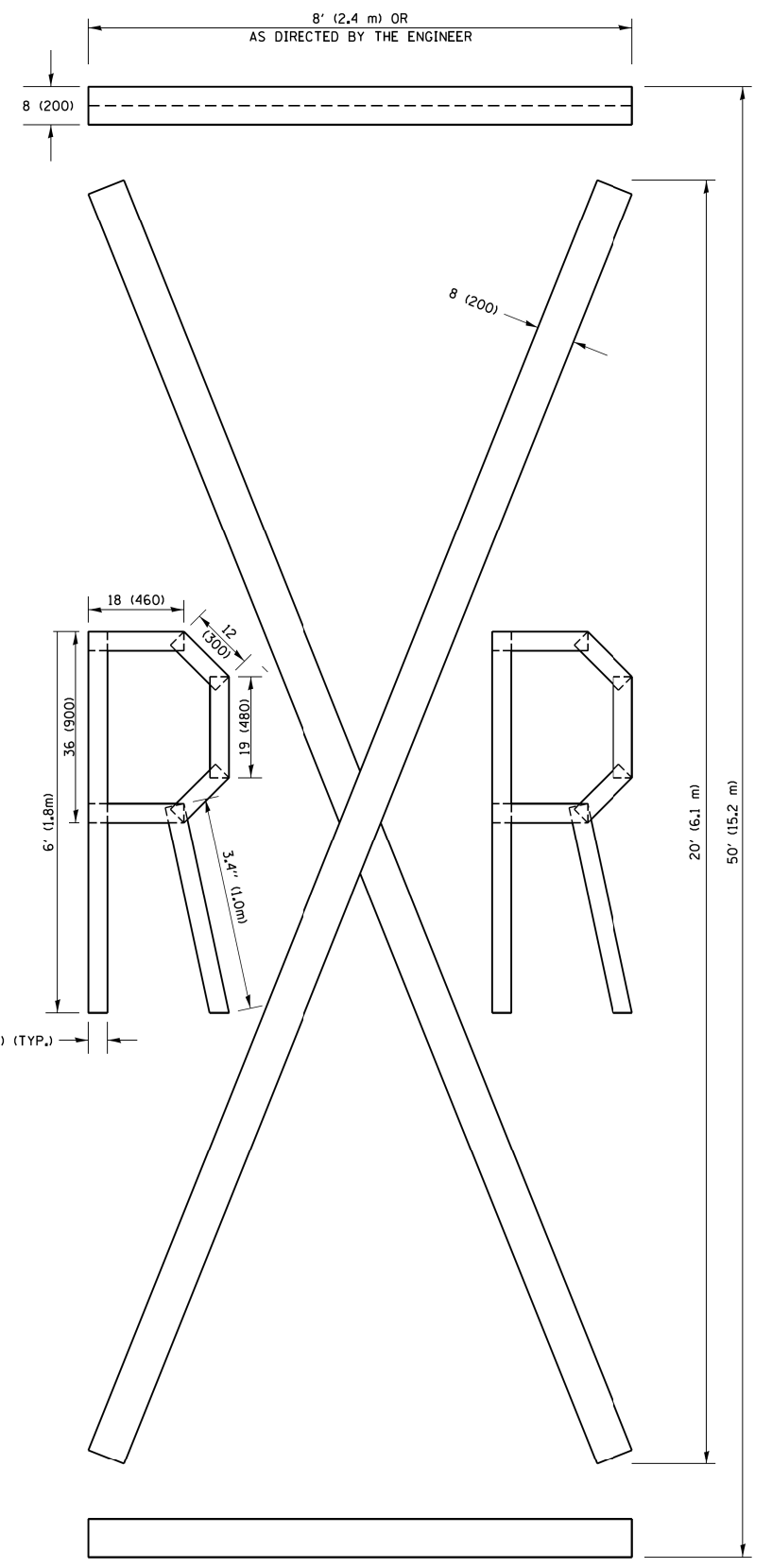


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
p:\j\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\Dist	DRAWN\CADDData\CADsheets\c16.dgn	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0000' / in.	DATE - 09-18-94	REVISOR -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016	DATE - 09-18-94	REVISOR -	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-16	COOK	74	71
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G87	

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ROUTE MARKERS

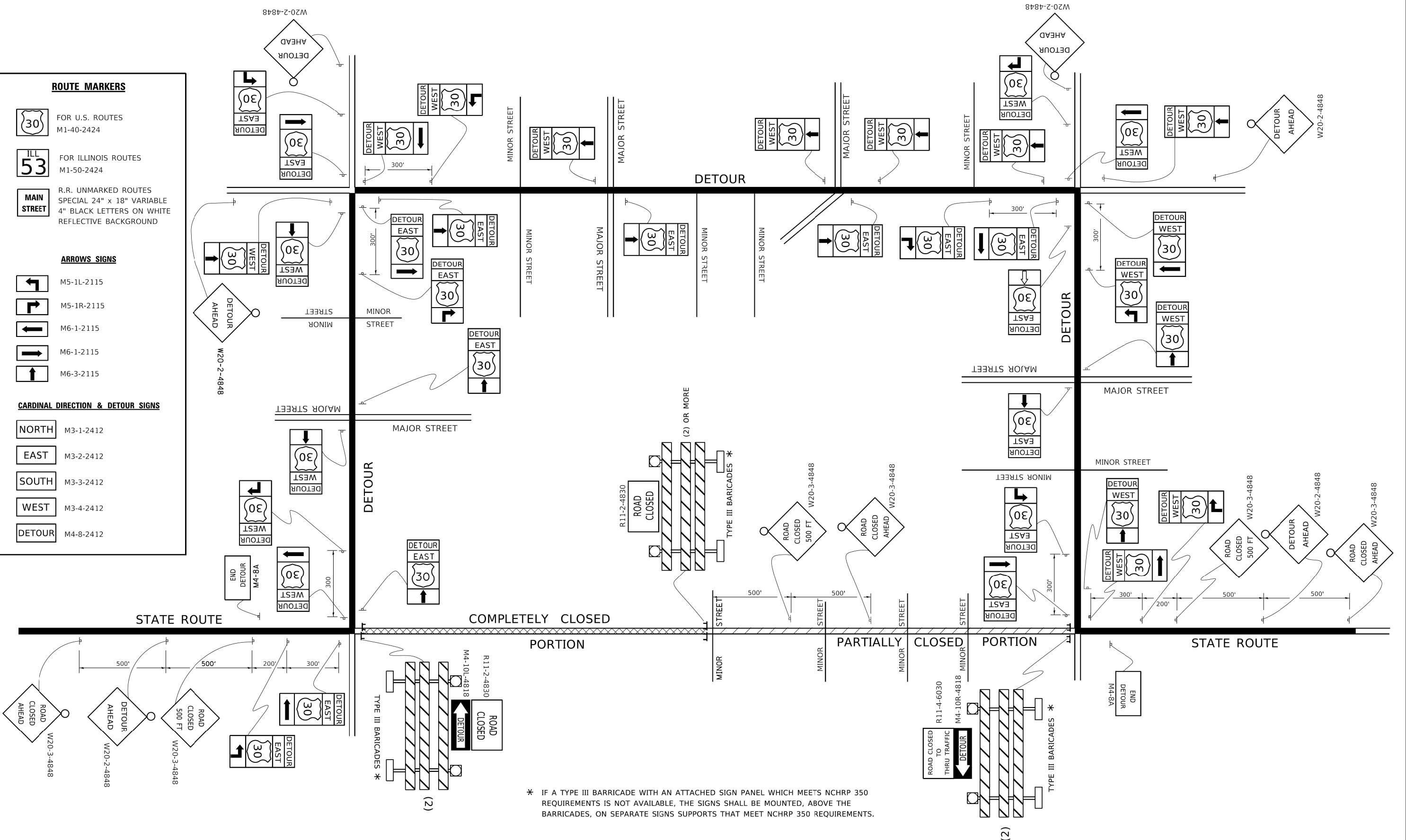
- FOR U.S. ROUTES M1-40-2424
- FOR ILLINOIS ROUTES M1-50-2424
- R.R. UNMARKED ROUTES SPECIAL 24" x 18" VARIABLE 4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

ARROWS SIGNS

- M5-1L-2115
- M5-1R-2115
- M6-1-2115
- M6-1-2115
- M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

- NORTH M3-1-2412
- EAST M3-2-2412
- SOUTH M3-3-2412
- WEST M3-4-2412
- DETOUR M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

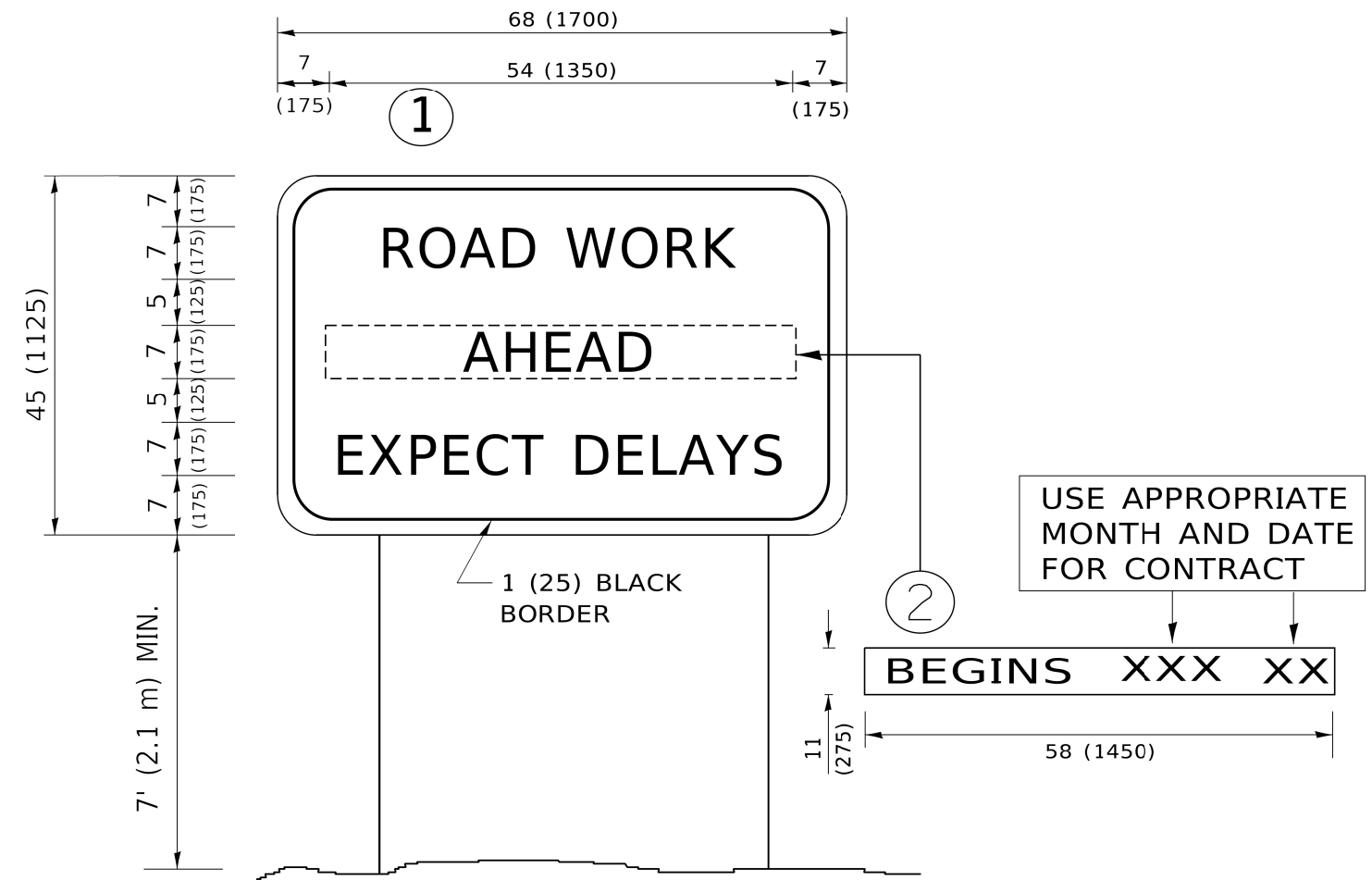
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PLOT SCALE = 50.0000" / ft.	DRAWN -	REVISED - R. BORO 09-14-09
PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING
FOR CLOSING STATE HIGHWAYS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	74	72
TC-21		CONTRACT NO. 61G87		
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

MODEL: Default
FILE: \\marietta-pw\ill084\BID\NTEC\Illinois.gov\PIWDOT\Documents\DOT_Offices\District_1\Projects\DUH\S22\2-31\CADD\ba\CAD\sheet\122.dgn

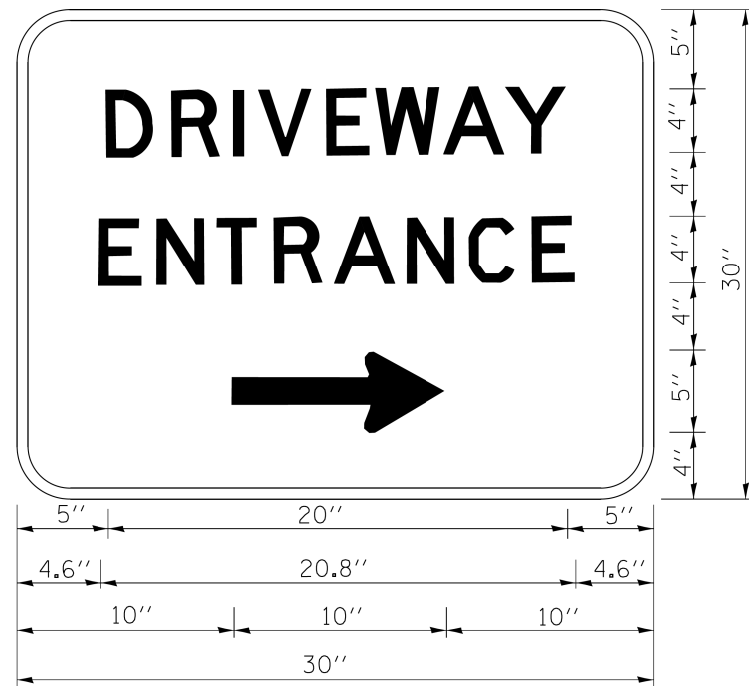
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PLOT SCALE = 50.0000 ' / ft.	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT DATE = 3/4/2019	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	74	73
TC-22			CONTRACT NO. 61G87	
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
 PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME =	USER NAME = gag1anobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ci:\pwork\pwork\gag1anobt\d0108315\to	PF6.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	74	74
TC-26			CONTRACT NO. 61G87	
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				