

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	1
		ILLINOIS	CONTRACT NO. 61H44	

FOR INDEX OF SHEETS SEE SHEET 2
06/17/2022 LETTING ITEM 209

FOR LIST OF APPLICABLE HIGHWAY STANDARDS SEE SHEET 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

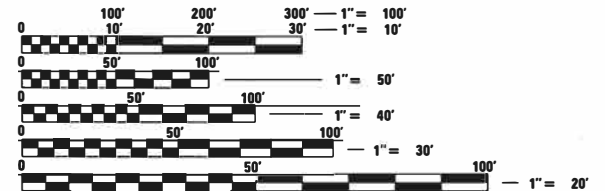
**US 12 (RAND ROAD) (FAP 334), CENTRAL ROAD (FAU 1300),
MOUNT PROSPECT ROAD (FAU 2686) ROADWAY IMPROVEMENTS
SECTION 17-00166-00-CH
PROJECT OUBY(034)
VILLAGE OF MOUNT PROSPECT / CITY OF DES PLAINES
COOK COUNTY
JOB NO. C-91-383-20**



TRAFFIC DATA
US 12 (RAND ROAD)
DESIGN DESTINATION: OTHER PRINCIPLE ARTERIAL
POSTED SPEED = 40 MPH
TRAFFIC = 19,200-24,500 (2040)

CENTRAL ROAD
DESIGN DESTINATION: MINOR ARTERIAL
POSTED SPEED = 35 MPH
TRAFFIC = 12,800-18,000 (2040)

MOUNT PROSPECT ROAD
DESIGN DESTINATION: MAJOR COLLECTOR
POSTED SPEED = 30 MPH
TRAFFIC = 13,400 (2040)



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.

DRAINAGE CERTIFICATION STATEMENT

TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE DRAINAGE OF THE SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF THESE IMPROVEMENTS OR ANY PART THEREOF, OR THAT IF SUCH WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH WATERS IN PUBLIC AREAS OR DRAINS WHICH THE OWNER HAS THE RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DRAINAGE TO THE ADJOINING PROPERTIES BECAUSE OF THE CONSTRUCTION OF THESE IMPROVEMENTS.

ENGINEER: **STEPHEN N. SUGG**
062-044117 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

DECEMBER 6, 2021
Stephen N. Sugg
STEPHEN N. SUGG
ILLINOIS REGISTRATION No. 062-044117
EXPIRATION DATE: 11/30/23

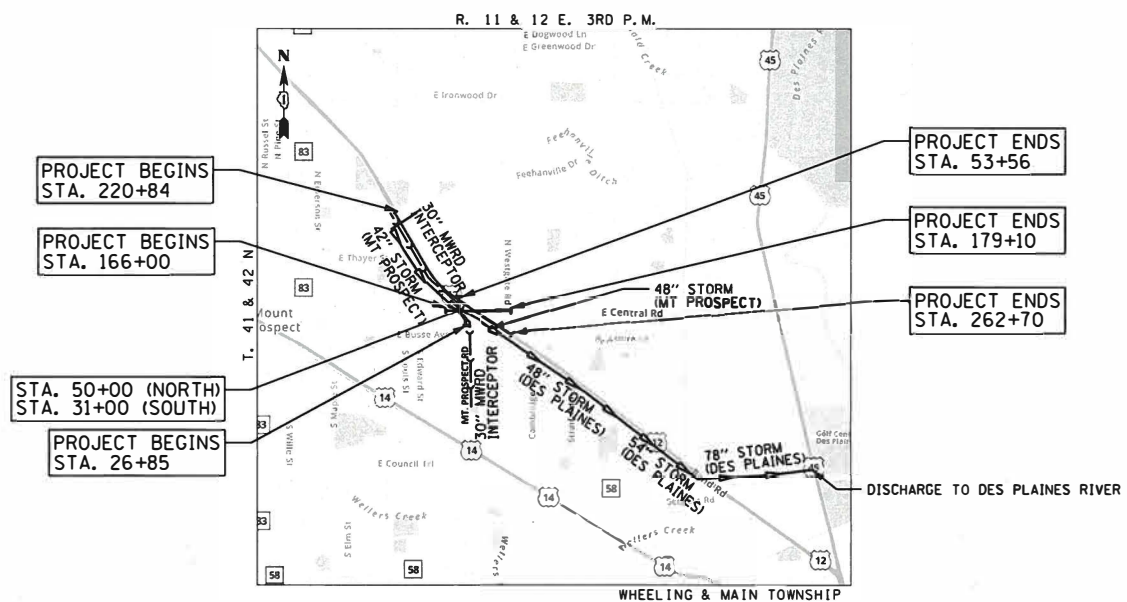
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CONTRACT NO. 61H44

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

PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/23

DECEMBER 6, 2021
Anthony J. Dericco
ANTHONY J. DERICCO
ILLINOIS REGISTRATION No. 062-057484
EXPIRATION DATE: 11/30/23



LOCATION MAP
1" = 200 FT

GROSS LENGTH = 6267.0 FT = 1.19 MILES
NET LENGTH = 6267.0 FT = 1.19 MILES

DECEMBER 6, 2021
George M. Ziegler
GEORGE M. ZIEGLER
ILLINOIS REGISTRATION No. 062-045853
EXPIRATION DATE: 11/30/23

DECEMBER 6, 2021
Stephen N. Sugg
STEPHEN N. SUGG
ILLINOIS REGISTRATION No. 062-044117
EXPIRATION DATE: 11/30/23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Approved: *Timothy P. Oakley*
TIMOTHY P. OAKLEY 12/7/2021
CITY OF DES PLAINES, DIRECTOR OF PUBLIC WORKS AND ENGINEERING

Approved: *Jeffrey A. Wulbecker*
Jeffrey A. Wulbecker 12/7/2021
VILLAGE OF MT. PROSPECT, VILLAGE ENGINEER

Passed: *Jan 11, 2022*
[Signature]
District 1 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *January 11, 2022*
[Signature]
Regional Engineer

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

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

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2022; THE LATEST EDITIONS OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD) AND "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS"; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
- THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER MAIN AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE VILLAGE.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
- WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE VILLAGE AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED, AND SHALL BE AS INDICATED ON THE PLANS, ELEVATIONS SHOWN AT POINT OF CURVE, ETC. IS EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, ETC., ARE FROM THE PROPOSED BASE LINE OF CONSTRUCTION.
- ANY PAVEMENT DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED/REPAIRED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.30 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR EXISTING UTILITIES IN CONFORMANCE WITH THE AFFECTED UTILITY COMPANIES REQUIREMENTS AS MAY BE REQUIRED TO PERFORM THE WORK OF THIS CONTRACT.
- THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION.
- WHENEVER, DURING CONSTRUCTION, OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE STRUCTURE SIZE.
- WHEN EXISTING DRAINAGE OR SEWERAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PUBLIC OR PRIVATE DRAINS, SEWERS, OR CATCH BASINS, HE SHALL PROVIDE FACILITIES TO TAKE ALL STORM WATER WHICH WOULD BE RECEIVED BY THESE FACILITIES AND DISCHARGE SAME.
- ALL PROPOSED SIGNS SHALL BE ERECTED BEFORE EXISTING SIGNS ARE REMOVED.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD, FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER AT FADI.SULTAN@ILLINOIS.GOV.

- THE CONTRACTOR SHALL CONTACT IDOT DISTRICT 1 TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEMS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

COMMITMENTS

- THERE ARE NO COMMITMENTS ASSOCIATED WITH THIS PROJECT.

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FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS GENERAL NOTES, INDEX OF SHEETS AND HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\MOUNTPROSPECT\200015\Civil\NOT_200015_01.SHT	DRAWN -	REVISED -	334			17-00166-00-CH	COOK	264	2	
Default	PLOT SCALE = 10'	CHECKED -	REVISED -			CONTRACT NO. 61H44				
	PLOT DATE = 5/4/2022	DATE -	REVISED -			SCALE: 1:10	SHEET 01 OF 01 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

MWRD GENERAL NOTES

A. REFERENCED SPECIFICATIONS

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

B. NOTIFICATIONS

- THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-589-4055).
- THE VILLAGE OF MT PROSPECT ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS 0.00 FT.
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

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

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-364
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE 6-INCH TO 15-INCH DIAMETER SDR 26 13-INCH TO 27-INCH DIAMETER F/DY=46	ASTM D-3034 ASTM F-679	ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION) ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC 4-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	ASTM D-2241 AWWA C900 AWWA C905	ASTM D-3139 ASTM D-3139 ASTM D-3139

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

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

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

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

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

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

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS 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

- THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
- ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 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.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
- MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
- DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
- ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
- VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
- EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMANS 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 SLUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
Δ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	179	179			
Δ 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	62	62			
20200100	EARTH EXCAVATION	CU YD	3601	3601			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3071	3071			
20800150	TRENCH BACKFILL	CU YD	394	370	24		
20900110	POROUS GRANULAR BACKFILL	CU YD	45				45
21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	352	352			
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	85	85			
Δ 25200200	SUPPLEMENTAL WATERING	UNIT	60	60			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	73	73			
28000510	INLET FILTERS	EACH	87	87			
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	110	110			
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	4600	4600			
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	416	416			
31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	3300	3300			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3500	3500			
35300305	PORTLAND CEMENT CONCRETE BASE COURSE 8 1/4"	SQ YD	277	277			
35300315	PORTLAND CEMENT CONCRETE BASE COURSE 8 3/4"	SQ YD	599	599			
35300405	PORTLAND CEMENT CONCRETE BASE COURSE 9 1/4"	SQ YD	433	433			
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	387	387			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
35300720	PORTLAND CEMENT CONCRETE BASE COURSE 13"	SQ YD	475	475			
35400375	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8 3/4"	SQ YD	81	81			
35400425	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9 1/4"	SQ YD	17	17			
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	349	349			
35501300	HOT-MIX ASPHALT BASE COURSE, 4"	SQ YD	472	472			
35600650	HOT-MIX ASPHALT BASE COURSE WIDENING, 4"	SQ YD	40	40			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	18500	18500			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	55	55			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	268	268			
40602985	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5, N70	TON	415	415			
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50	TON	1600	1600			
40604062	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	370	370			
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	2925	2925			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	34	34			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	463	463			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	30100	30100			
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	900	900			
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	2000	2000			
42400800	DETECTABLE WARNINGS	SQ FT	750	750			
44000100	PAVEMENT REMOVAL	SQ YD	2472	2472			

NOTE:
ALL PAY ITEMS SHALL BE 80% FEDERAL (CMAD) AND 20% LOCAL FUNDED.

Δ INDICATES SPECIALTY ITEM
* INDICATES SPECIAL PROVISION
+ CONSTRUCTION CODE 0042

FILE NAME =	USER NAME = rhovellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\MOUNTPROSPECT\200015\CV1\1800.200015.DWG	.DWG	DRAWN -	REVISED -			334	17-00166-00-CH	COOK	264	4	
Default	PLOT SCALE = 10'	CHECKED -	REVISED -			SCALE: 1:10 SHEET 1 OF 8 SHEETS STA. TO STA.		CONTRACT NO. 61H44		(ILLINOIS) FED. AID PROJECT	
	PLOT DATE = 5/4/2022	DATE -	REVISED -								

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	2900	2900			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	3700	3700			
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	17600	17600			
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	3000	3000			
44000200	DRIVEWAY PAYEMENT REMOVAL	SQ YD	817	817			
44000300	CURB REMOVAL	FOOT	450	450			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5900	5900			
44000600	SIDEWALK REMOVAL	SQ FT	20000	20000			
44003100	MEDIAN REMOVAL	SQ FT	3333	3333			
44200929	CLASS B PATCHES, TYPE I, 8 INCH	SQ YD	60	60			
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	110	110			
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	165	165			
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	220	220			
44200948	CLASS B PATCHES, TYPE I, 9 INCH	SQ YD	105	105			
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	210	210			
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	310	310			
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	415	415			
44200966	CLASS B PATCHES, TYPE I, 10 INCH	SQ YD	120	120			
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	235	235			
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	360	360			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	470	470			
44213204	TIE BARS 3/4"	EACH	1002	1002			
44213208	TIE BARS 1 1/4"	EACH	12579	12579			
50200100	STRUCTURE EXCAVATION	CU YD	125				125
50300285	FORM LINER TEXTURED SURFACE	SQ FT	900				900
50300300	PROTECTIVE COAT	SQ YD	100				100
50500505	STUD SHEAR CONNECTORS	EACH	87				87
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4150				4150
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	170				170
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	535				535
52200250	UNTREATED TIMBER LAGGING	SQ FT	650				650
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	33.4				33.4
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	179	179			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	115	115			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	5	5			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	404	404			
55100500	STORM SEWER REMOVAL 12"	FOOT	411	411			
* Δ	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1	1		
* Δ	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	1	1		
*	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	1	1		

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ALL PAY ITEMS SHALL BE 80% FEDERAL (CMAQ) AND 20% LOCAL FUNDED.

Δ INDICATES SPECIALTY ITEM
* INDICATES SPECIAL PROVISION
+ CONSTRUCTION CODE 0042

FILE NAME =	USER NAME = rhovellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\MOUNTPROSPECT\202015\Civil\500_202015	PLT.SHT	DRAWN -	REVISED -			334	17-00166-00-CH	COOK	264	5
Default	PLOT SCALE = 10'	CHECKED -	REVISED -			CONTRACT NO. 61H44				
	PLOT DATE = 5/4/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1:10	SHEET 2 OF 8 SHEETS STA.		TO STA.		

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	70				70
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	840	840			
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	200				200
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	3			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3			
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	18	18			
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3			
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4	4			
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4			
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	2			
60260100	INLETS TO BE ADJUSTED	EACH	1	1			
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3			
60500050	REMOVING CATCH BASINS	EACH	11	11			
60500060	REMOVING INLETS	EACH	7	7			
60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	2	2			
60600605	CONCRETE CURB, TYPE B	FOOT	525	525			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2050	2050			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4100	4100			
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	500	500			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	5800	5800			
60619500	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	635	635			
60524600	CORRUGATED MEDIAN	SQ FT	256	256			
* Δ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1300	1300			
* Δ 66900530	SOIL DISPOSAL ANALYSIS	EACH	14	14			
* Δ 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
* Δ 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
* Δ 66901005	ENGINEERED BARRIER	SQ YD	235	235			
* Δ 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18			
67100100	MOBILIZATION	L SUM	1	1			
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	224	224			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	12000	12000			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4000	4000			
70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	635	635			
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	23000	23000			
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	1900	1900			

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ALL PAY ITEMS SHALL BE 80% FEDERAL (CMAQ) AND 20% LOCAL FUNDED.

Δ INDICATES SPECIALTY ITEM
* INDICATES SPECIAL PROVISION
+ CONSTRUCTION CODE 0042

FILE NAME =	USER NAME = nhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\MOUNTPROSPECT\2020\5\0\1\1\500_2020\15_01.SHT	DRAWN -	REVISED -	334			17-00166-00-CH	COOK	264	6	
PLDT SCALE = 10'	CHECKED -	REVISED -	CONTRACT NO. 61H44							
PLDT DATE = 5/4/2022	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
Default				SCALE: 1:10 SHEET 3 OF 8 SHEETS STA. TO STA.						

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
Δ 70303160	TEMPORARY PAVEMENT MARKING - LINE 12" - MODIFIED URETHANE	FOOT	1320	1320			
Δ 70303210	TEMPORARY PAVEMENT MARKING - LINE 24" - MODIFIED URETHANE	FOOT	418	418			
Δ 70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	73	73			
Δ 70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	3406	3406			
Δ 70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	220	220			
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	540	540			
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6			
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	5	5			
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	232	232			
Δ 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2			
Δ 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	10	10			
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	676	676			
Δ 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	1	1			
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1732	1732			
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7700	7700			
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4300	4300			
Δ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	900	900			
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2811	2811			
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1240	1240			
Δ 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	38	38			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	282	282			
Δ 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	209	209			
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	784	784			
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	391	391			
Δ 78100300	REPLACEMENT REFLECTOR	EACH	22	22			
Δ 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	307	307			
Δ 78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	23020	23020			
Δ 78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3207	3207			
Δ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1		
* Δ 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1		
Δ 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	4094		85	4009	
Δ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	2217		1695	522	
Δ 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2369			2369	
Δ 81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	1880		250	1630	
Δ 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	370		370		
Δ 81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	12300		12300		
Δ 81400100	HANDHOLE	EACH	14			14	
Δ 81400200	HEAVY-DUTY HANDHOLE	EACH	5			5	
Δ 81400300	DOUBLE HANDHOLE	EACH	14			14	
* Δ 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	6		6		

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Δ INDICATES SPECIALTY ITEM
* INDICATES SPECIAL PROVISION
+ CONSTRUCTION CODE 0042

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
Δ 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	6680		6680		
Δ 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2115		2115		
Δ 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	90450		90450		
Δ 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	255		255		
Δ 81800240	AERIAL CABLE, 2-1/C NO. 8 WITH MESSENGER WIRE	FOOT	1424		1424		
Δ 81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	2742		2742		
* Δ 82110006	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION F	EACH	4		4		
* Δ 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	18		18		
Δ 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1		1		
Δ 83008300	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM	EACH	46		46		
Δ 83057245	LIGHT POLE, WOOD, 45 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	13		13		
Δ 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	420		420		
Δ 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	47		47		
Δ 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	37		37		
Δ 84200804	REMOVAL OF POLE FOUNDATION	EACH	37		37		
Δ 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1		1		
Δ 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1		1		
Δ 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1		1		
* Δ 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2	
Δ 85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	26			26	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
Δ 85100600	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	2			2	
Δ 85100800	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	EACH	9			9	
Δ 85100901	PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	EACH	7			7	
Δ 86400100	TRANSCEIVER - FIBER OPTIC	EACH	2			2	
Δ 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4486			4486	
Δ 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	12133			12133	
Δ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	16353			16353	
Δ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	15610			15610	
Δ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	11696			11696	
Δ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	7781			7781	
Δ 87301790	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 2 2 C	FOOT	173			173	
Δ 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	97			97	
Δ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	6928			6928	
Δ 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8			8	
Δ 87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1			1	
Δ 87700120	STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.	EACH	2			2	
Δ 87702810	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16 FT.	EACH	1			1	
Δ 87702820	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 18 FT.	EACH	1			1	
Δ 87702840	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.	EACH	1			1	
Δ 87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1			1	

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SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
Δ 87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	2			2	
Δ 87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	2			2	
Δ 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1			1	
Δ 87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	2			2	
Δ 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	2			2	
Δ 87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	2			2	
Δ 87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1			1	
Δ 87704304	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 18 FT. AND 34 FT.	EACH	2			2	
Δ 87704316	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 26 FT.	EACH	1			1	
Δ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	48			48	
Δ 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8			8	
Δ 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	94			94	
Δ 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	139			139	
Δ 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21			21	
Δ 87900200	DRILL EXISTING HANDHOLE	EACH	2			2	
Δ 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	22			22	
Δ 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8			8	
Δ 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2			2	
Δ 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2			2	
Δ 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	10			10	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
Δ 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	15			15	
Δ 88055150	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1	
Δ 88055160	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	14			14	
Δ 88055200	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4			4	
Δ 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	34			34	
Δ 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	57			57	
Δ 88500100	INDUCTIVE LOOP DETECTOR	EACH	20			20	
Δ 88600100	DETECTOR LOOP, TYPE I	FOOT	1128			1128	
Δ 88700200	LIGHT DETECTOR	EACH	13			13	
Δ 88700300	LIGHT DETECTOR AMPLIFIER	EACH	4			4	
Δ 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3			3	
Δ 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1			1	
Δ 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1			1	
Δ 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1			1	
Δ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2748			2748	
Δ 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	180			180	
* Δ 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4			4	
Δ 89502380	REMOVE EXISTING HANDHOLE	EACH	22			22	
* Δ 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	3			3	
Δ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	29			29	

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SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
LR443200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3922	3922			
* Δ A2007C16	TREE, QUERCUS ROBUR FASTIGIATA (FASTIGIATE ENGLISH OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3			
* Δ B2002716	TREE, MALUS ADIRONDACK (ADIRONDACK CRAB APPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6			
* Δ B2006C20	TREE, SYRINGA PEKINENSIS (PEKING LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6			
* Δ C2005E65	SHRUB, RHUS AROMATICA GRO-LOW (GRD-LOW FRAGRANT SUMAC), 5-GALLOW	EACH	50	50			
* Δ X0322141	REMOVE TEMPORARY WOOD POLE	EACH	4		4		
* X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	16	16			
* X0322924	RETAINING WALL REMOVAL	SQ FT	129	129			
* X0323455	ADJUST MONITORING WELLS	EACH	1	1			
* Δ X0324C85	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	5100			5100	
* Δ X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	1000			1000	
* X0325542	CONCRETE LANDING SLAB	SQ FT	575	575			
* X0326E37	DRAINAGE CONTROL STRUCTURE	EACH	1	1			
* Δ X0326E91	REMOVE TEMPORARY LIGHTING UNITS, NO SALVAGE	EACH	13		13		
* X0326E06	WASHOUT BASIN	L SUM	1	1			
* X0326E63	BRICK SIDEWALK	SQ FT	575	575			
* X0326E64	BRICK SIDEWALK REMOVAL	SQ FT	1800	1800			
* Δ X0327E49	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	4		4		
* Δ X0327485	MAST ARM, STREET LIGHTING, 15'	EACH	19		19		
* Δ X0327E98	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	12			12	
* Δ X0327739	MISCELLANEOUS ELECTRICAL WORK	L SUM	1		1		

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
* Δ X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1			1	
* Δ X1400108	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1			1	
* Δ X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	2			2	
* Δ X1400238	LUMINAIRE, LED, SPECIAL	EACH	53		53		
* Δ X1400268	REMOVAL OF LIGHTING LUMINAIRE, SALVAGE	EACH	4		4		
* Δ X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	16			16	
* Δ X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1			1	
* Δ X1400388	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	10			10	
* Δ X1400398	REMOVE LUMINAIRE, COMPLETE	EACH	6		6		
* Δ X1400424	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE S00W	FOOT	5030			5030	
* X1700107	CURB WALL (SPECIAL)	SQ FT	337	337			
* Δ X2520650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	3500	3500			
* X3540325	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8 1/4"	SQ YD	83	83			
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	2	2			
* X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	9	9			
* X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	1300	1300			
* X4240460	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL	SQ FT	1400	1400			
* X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	4006	4006			
* X5011100	FOUNDATION REMOVAL	EACH	8	8			
* X6025600	MANHOLES TO BE ADJUSTED (SPECIAL)	EACH	2	2			

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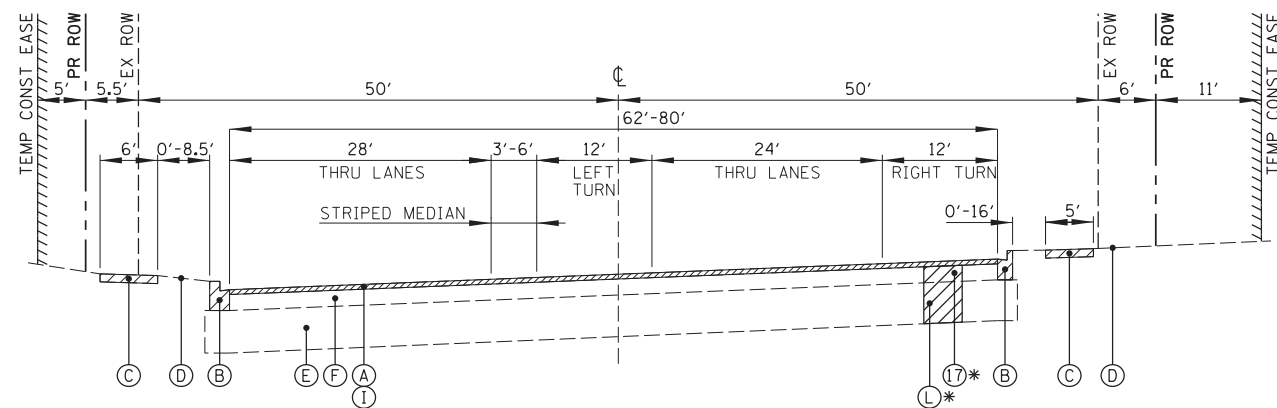
FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
M:\MOUNTPROSPECT\2000\5\Civil\500_202015.DLSHT		DRAWN -	REVISED -			334	17-00166-00-CH	COOK	264	10	
Default	PLOT SCALE = 10'	CHECKED -	REVISED -			CONTRACT NO. 61H44					
	PLOT DATE = 5/24/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
* X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7	7			
* X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	8	8			
* X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SQ FT	1810	1810			
* X6061305	CONCRETE MEDIAN SURFACE, SPECIAL	SQ FT	8245	8245			
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
* X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	22	22			
* Δ X8100105	CONDUIT SPLICE	EACH	1			1	
* Δ X8140230	HANDHOLE, COMPOSITE CONCRETE (SPECIAL)	EACH	8		8		
* Δ X8211007	TEMPORARY LUMINAIRE, LED, ROADWAY, DESIGNATION G	EACH	13		13		
* Δ X8211008	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	13		13		
* Δ X8211009	TEMPORARY LUMINAIRE, LED, ROADWAY, DESIGNATION I	EACH	6		6		
* Δ X8250091	COMBINATION LIGHTING CONTROLLER	EACH	2		2		
* Δ X8300001	LIGHT POLE, SPECIAL	EACH	1		1		
* Δ X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	70		70		
* Δ X8410141	REMOVAL OF TEMPORARY LUMINAIRE	EACH	19		19		
* Δ X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2			2	
* Δ X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, M412F SM24F	FOOT	4486			4486	
* Δ X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	44			44	
* Δ X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	68			68	
* Δ X8950100	RELOCATE EXISTING MASTER CONTROLLER	EACH	2			2	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY	0021 LIGHTING	0021 TRAFFIC SIGNALS	0044 RETAINING WALL
* Δ X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1			1	
* XX001095	MAILBOX REMOVAL AND REPLACEMENT	EACH	1	1			
* Δ XX003079	REMOVE JUNCTION BOX	EACH	6		6		
* XX005431	LOCATING UNDERGROUND UTILITY	EACH	40	40			
* Δ XX007029	RELOCATE EXISTING TRANSCEIVER	EACH	2		2		
* XX007758	ADJUSTING WATER VALVE BOXES	EACH	1	1			
* Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	9	9			
* Z0004518	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"	SQ YD	285	285			
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	155	155			
* Δ Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	54		54		
* Δ Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	15		15		
* Δ Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1	
* Δ Z0049100	RAISED PAVEMENT MARKER REFLECTOR REPLACEMENT	EACH	22	22			
* Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	26	26			
* Δ Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3			3	
* + Z0076600	TRAINEES	HOURL	1000	1000			
* + Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1000	1000			
* Δ XX009517	PAINT NEW COMBINATION MAST ARM AND POLE WITH DUAL MAST ARMS, UNDER 40 FEET	EACH	3			3	

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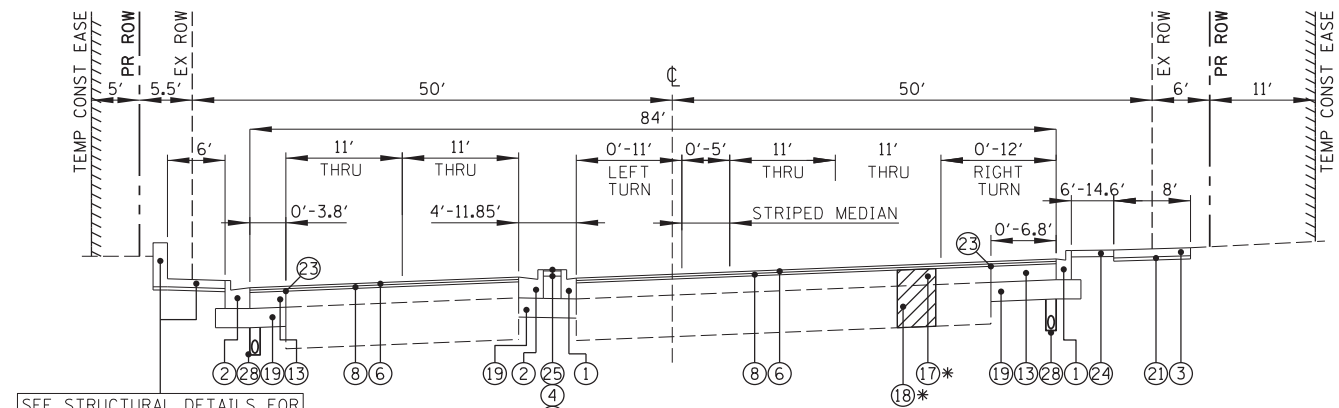
Δ INDICATES SPECIALTY ITEM
* INDICATES SPECIAL PROVISION
+ CONSTRUCTION CODE 0042



EXISTING TYPICAL SECTION

RAND ROAD
(NORTHWEST OF CENTRAL ROAD)
STA. 241+67 TO STA. 246+50

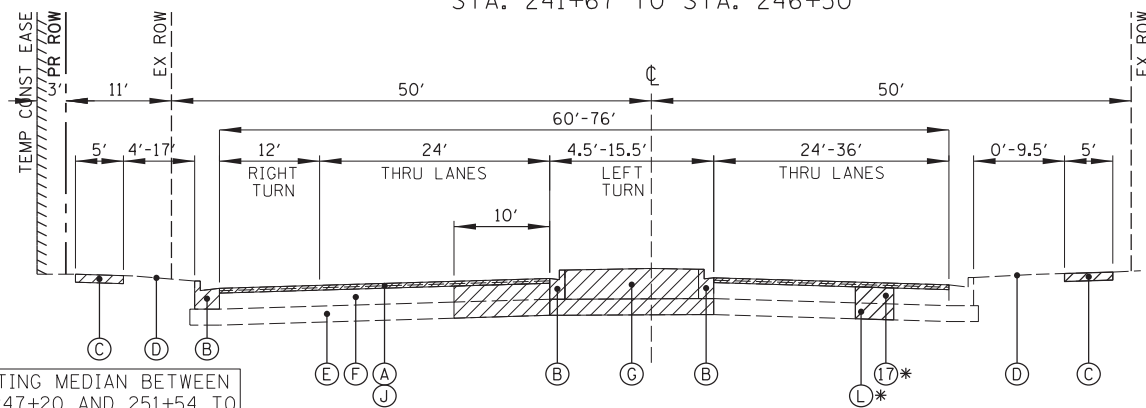
RAND ROAD EX PAVEMENT CORE:
HMA SURFACE - 2 1/2"
PCC BASE - 10"
STONE BASE - 26"



PROPOSED TYPICAL SECTION

RAND ROAD
(NORTHWEST OF CENTRAL ROAD)
STA. 241+67 TO STA. 246+50

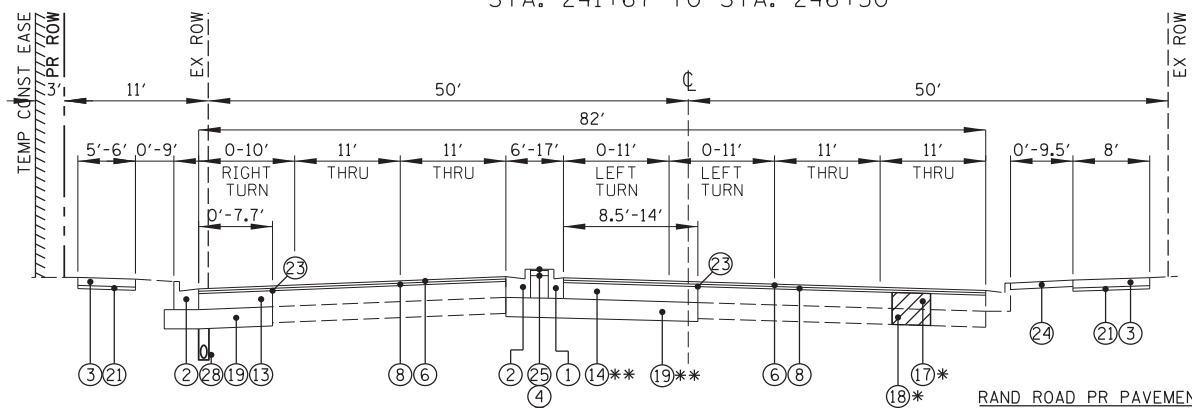
RAND ROAD PR PAVEMENT THICKNESS:
P HMA SC SMA 9.5 F N80 - 1 3/4"
P HMA BC IL-4.75 N50 - 3/4"



EXISTING TYPICAL SECTION

RAND ROAD
(BETWEEN MOUNT PROSPECT ROAD & CENTRAL ROAD)
STA. 246+50 TO STA. 251+50

RAND ROAD EX PAVEMENT CORE:
HMA SURFACE - 3"
PCC BASE - 10"
STONE BASE - 10"



PROPOSED TYPICAL SECTION

RAND ROAD
(BETWEEN MOUNT PROSPECT ROAD & CENTRAL ROAD)
STA. 246+50 TO STA. 251+50

RAND ROAD PR PAVEMENT THICKNESS:
P HMA SC SMA 9.5 F N80 - 2"
P HMA BC IL-4.75 N50 - 1"

NOTE: EXISTING MEDIAN BETWEEN STATIONS 247+20 AND 251+54 TO BE REMOVED IN STAGE 1 CONSTRUCTION. SEE "PROPOSED PAVEMENT SECTION FOR MEDIAN/ ISLAND REPLACEMENT" DETAIL ON SHEET XX FOR INTERIM MOT CONDITION.

SEE STRUCTURAL DETAILS FOR SIDEWALK/RETAINING WALL STA. 243+93 TO STA. 245+93

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @NDES	OMP
RAND RD (246+50 TO 262+70), CENTRAL RD (171+00 TO 179+10), MT. PROSPECT RD (50+40 TO 52+25) RESURFACING		
POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F" N80; 2"	3.5% @ 80 GYR	LR 1030 - 2
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 1"	3.5% @ 50 GYR	LR 1030 - 2
RAND RD (241+67 TO 246+50) RESURFACING		
POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F" N80; 1 3/4"	3.5% @ 80 GYR	LR 1030 - 2
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR	LR 1030 - 2
CENTRAL RD (166+00 TO 171+00) RESURFACING		
POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F" N80; 2"	3.5% @ 80 GYR	LR 1030 - 2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 1 3/4"	4% @ 70 GYR	LR 1030 - 2
MT. PROSPECT RD (26+85 TO 31+00) & WALMART ENTRANCE BASE COURSE, BASE COURSE WIDENING AND RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 2"	4% @ 70 GYR	LR 1030 - 2
HMA BASE COURSE, 4" (HMA BINDER COURSE, IL-19.0, N70)	4% @ 70 GYR	LR 1030 - 2
HMA BASE COURSE WIDENING, 4" (HMA BINDER COURSE, IL-19.0, N70)	4% @ 70 GYR	LR 1030 - 2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT 3" (PE)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 3"	4% @ 50 GYR	LR 1030 - 2
HOT MIX ASPHALT DRIVEWAY PAVEMENT 5" (CE & PARKING LOT PAVEMENT)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR 1030 - 2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 3"	4% @ 50 GYR	LR 1030 - 2
TEMPORARY RAMP, SPECIAL		
HMA SURFACE COURSE, MIX "D", IL-9.5, N50; VARIABLE DEPTH	4% @ 50 GYR	LR 1030 - 2
TEMPORARY PAVEMENT (VARIABLE DEPTH)		
HMA SURFACE COURSE, MIX "D", IL-9.5, N50; VARIABLE DEPTH	4% @ 50 GYR	LR 1030 - 2

- LEGEND**
- (A) EXISTING HOT-MIX ASPHALT
 - (B) EXISTING CONCRETE CURB AND GUTTER
 - (C) EXISTING PCC SIDEWALK
 - (D) EXISTING TOPSOIL AND SODDING
 - (E) EXISTING AGGREGATE BASE
 - (F) EXISTING PCC BASE
 - (G) EXISTING MEDIAN
 - (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
 - (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159)
 - (J) HOT-MIX ASPHALT SURFACE REMOVAL, 3" (44000161)
 - (K) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" (44000164)
 - (L) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 - (M) EXISTING BRICK SIDEWALK

HOT-MIX ASPHALT MIXTURE NOTES:
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SOYD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
QC/QA PER LOCAL ROADS SPECIFICATION LR 1030-2

- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
 - (2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
 - (3) PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
PORTLAND CEMENT CONCRETE SIDEWALK 6" (42400300) (PRIVATE ENTRANCES)
PORTLAND CEMENT CONCRETE SIDEWALK 8" (42400410) (COMMERCIAL ENTRANCES)
 - (4) CONCRETE MEDIAN SURFACE, 4" (60618300)
 - (5) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (40602985)
 - (6) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 (40605026)
 - (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (40604062)
 - (8) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (40603200)
 - (9) HOT-MIX ASPHALT BASE COURSE, 4" (35501300) (>6')
HOT-MIX ASPHALT BASE COURSE WIDENING 4" (35600650) (0'-6')
 - (10) PORTLAND CEMENT CONCRETE BASE COURSE 8 1/4" (X3540325) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8 1/4" (X3540325) (0'-6')
 - (11) PORTLAND CEMENT CONCRETE BASE COURSE 8 3/4" (35300315) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8 3/4" (35400375) (0'-6')
 - (12) PORTLAND CEMENT CONCRETE BASE COURSE 9 1/4" (35400405) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9 1/4" (35400425) (0'-6')
 - (13) PORTLAND CEMENT CONCRETE BASE COURSE 10" (35300500) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10" (35400500) (0'-6')
 - (14) PORTLAND CEMENT CONCRETE BASE COURSE 13" (35300720)
 - (15) CLASS B PATCHES, 8 INCH (TYPES I, II, III & IV) (442009XX)
 - (16) CLASS B PATCHES, 9 INCH (TYPES I, II, III & IV) (442009XX)
 - (17) CLASS B PATCHES, 10 INCH (TYPES I, II, III & IV) (442009XX)
 - (18) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
 - (19) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
 - (20) SUBBASE GRANULAR MATERIAL, TYPE B (31101100)
 - (21) SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180)
SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200) (AT DRIVEWAYS)
 - (22) CONCRETE CURB, TYPE B (6060605)
 - (23) STRIP REFLECTIVE CRACK CONTROL TREATMENT (LR443200)
 - (24) LANDSCAPE RESTORATION:
SODDING, SALT TOLERANT (25200110)
 - (25) CONCRETE MEDIAN SURFACE, SPECIAL (X6061305)
 - (26) CONCRETE MEDIAN SURFACE, TYPE SB-6.12 (60619600)
 - (27) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
 - (28) PIPE UNDERDRAINS, TYPE 2, 4" (60108204)
- *AT LOCATIONS AS DIRECTED BY THE ENGINEER
**CONSTRUCTED IN MAINTENANCE OF TRAFFIC STAGE 1

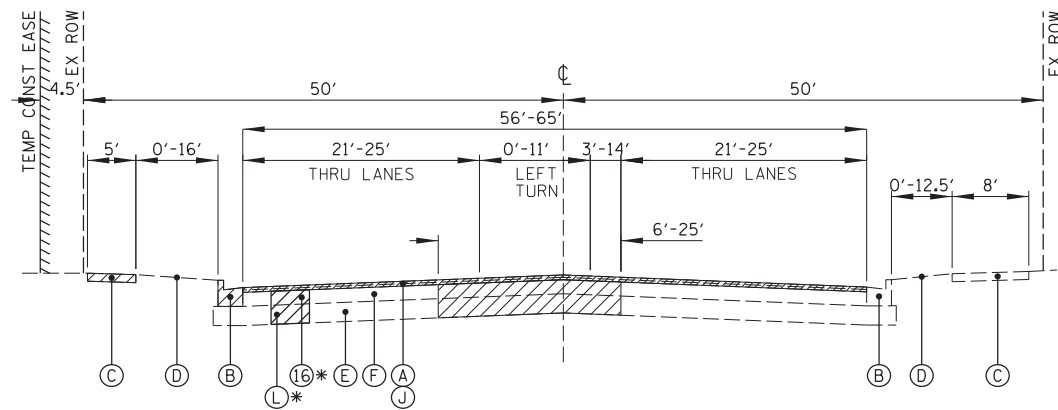
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
TYPICAL SECTIONS**

SCALE: 1:10 SHEET 1 OF 5 SHEETS STA. TO STA.

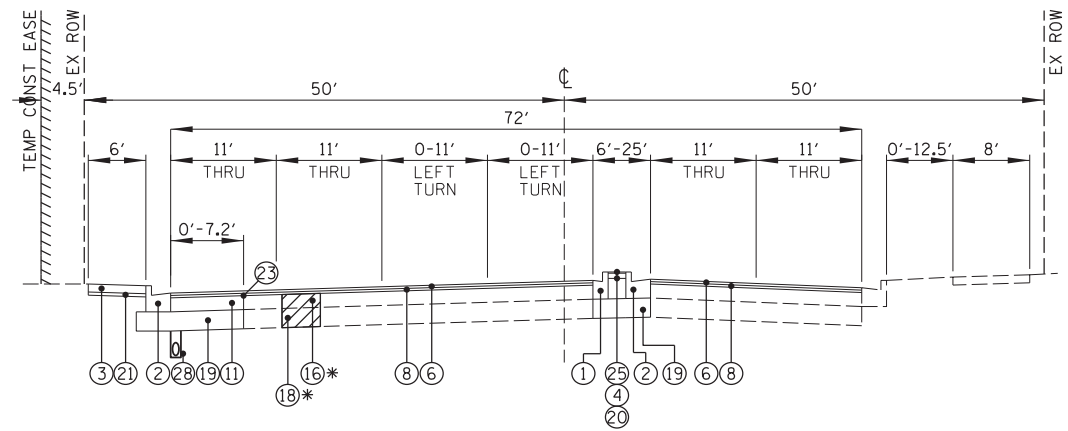
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	12
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

RAND ROAD
(SOUTHEAST OF CENTRAL ROAD)
STA. 251+50 TO STA. 262+70

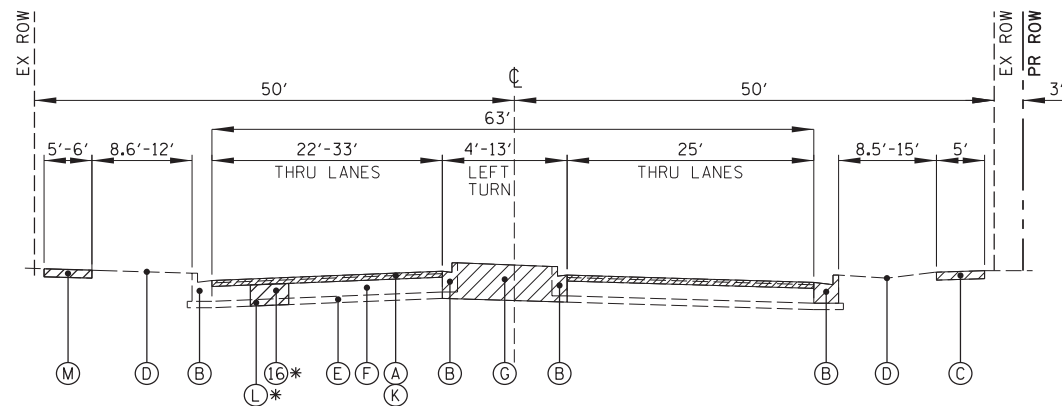
RAND ROAD EX PAVEMENT CORE:
HMA SURFACE - 3"
PCC BASE - 8 3/4"
STONE BASE - 12"



PROPOSED TYPICAL SECTION

RAND ROAD
(SOUTHEAST OF CENTRAL ROAD)
STA. 251+50 TO STA. 262+70

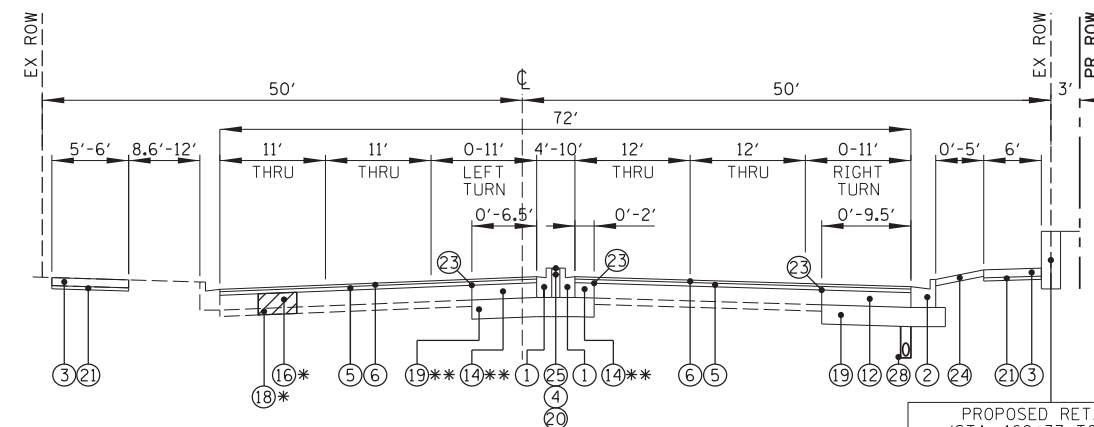
RAND ROAD PR PAVEMENT THICKNESS:
P HMA SC SMA 9.5 F N80 - 2"
P HMA BC IL-4.75 N50 - 1"



EXISTING TYPICAL SECTION

CENTRAL ROAD
(WEST OF RAND ROAD)
STA. 166+00 TO STA. 171+00

CENTRAL ROAD EX PAVEMENT CORE:
HMA SURFACE - 3 3/4"
PCC BASE - 9 1/4"
STONE BASE - 4"



PROPOSED TYPICAL SECTION

CENTRAL ROAD
(WEST OF RAND ROAD)
STA. 166+00 TO STA. 171+00

CENTRAL ROAD PR PAVEMENT THICKNESS:
P HMA SC SMA 9.5 F N80 - 2"
HMA BC IL-9.5 N70 - 1 3/4"

PROPOSED RETAINING WALL
(STA. 169+37 TO STA. 171+14)
SEE STRUCTURAL PLANS FOR DETAILS

LEGEND

REMOVAL ITEMS

- (A) EXISTING HOT-MIX ASPHALT
- (B) EXISTING CONCRETE CURB AND GUTTER
- (C) EXISTING PCC SIDEWALK
- (D) EXISTING TOPSOIL AND SODDING
- (E) EXISTING AGGREGATE BASE
- (F) EXISTING PCC BASE
- (G) EXISTING MEDIAN
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
- (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159)
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 3" (44000161)
- (K) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" (44000164)
- (L) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (M) EXISTING BRICK SIDEWALK

- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- (3) PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
PORTLAND CEMENT CONCRETE SIDEWALK 6" (42400300) (PRIVATE ENTRANCES)
PORTLAND CEMENT CONCRETE SIDEWALK 8" (42400410) (COMMERCIAL ENTRANCES)
- (4) CONCRETE MEDIAN SURFACE, 4" (60618300)
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (40602985)
- (6) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,
SMA, 9.5, MIX "F", N80 (40605026)
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (40604062)
- (8) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (40603200)
- (9) HOT-MIX ASPHALT BASE COURSE, 4" (35501300) (>6')
HOT-MIX ASPHALT BASE COURSE WIDENING 4" (35600650) (0'-6')
- (10) PORTLAND CEMENT CONCRETE BASE COURSE 8 1/4" (X3540325) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8 1/4" (X3540325) (0'-6')
- (11) PORTLAND CEMENT CONCRETE BASE COURSE 8 3/4" (35300315) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8 3/4" (35400375) (0'-6')
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- (13) PORTLAND CEMENT CONCRETE BASE COURSE 10" (35300500) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10" (35400500) (0'-6')
- (14) PORTLAND CEMENT CONCRETE BASE COURSE 13" (35300720)

- (15) CLASS B PATCHES, 8 INCH (TYPES I, II, III & IV) (442009XX)
- (16) CLASS B PATCHES, 9 INCH (TYPES I, II, III & IV) (442009XX)
- (17) CLASS B PATCHES, 10 INCH (TYPES I, II, III & IV) (442009XX)
- (18) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- (19) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (20) SUBBASE GRANULAR MATERIAL, TYPE B (31101100)
- (21) SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180)
SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200) (AT DRIVEWAYS)
- (22) CONCRETE CURB, TYPE B (6060605)
- (23) STRIP REFLECTIVE CRACK CONTROL TREATMENT (LR443200)
- (24) LANDSCAPE RESTORATION;
SODDING, SALT TOLERANT (25200110)
- (25) CONCRETE MEDIAN SURFACE, SPECIAL (X6061305)
- (26) CONCRETE MEDIAN SURFACE, TYPE SB-6.12 (60619600)
- (27) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
- (28) PIPE UNDERDRAINS, TYPE 2, 4" (60108204)

*AT LOCATIONS AS DIRECTED BY THE ENGINEER

**CONSTRUCTED IN MAINTENANCE OF TRAFFIC STAGE 1

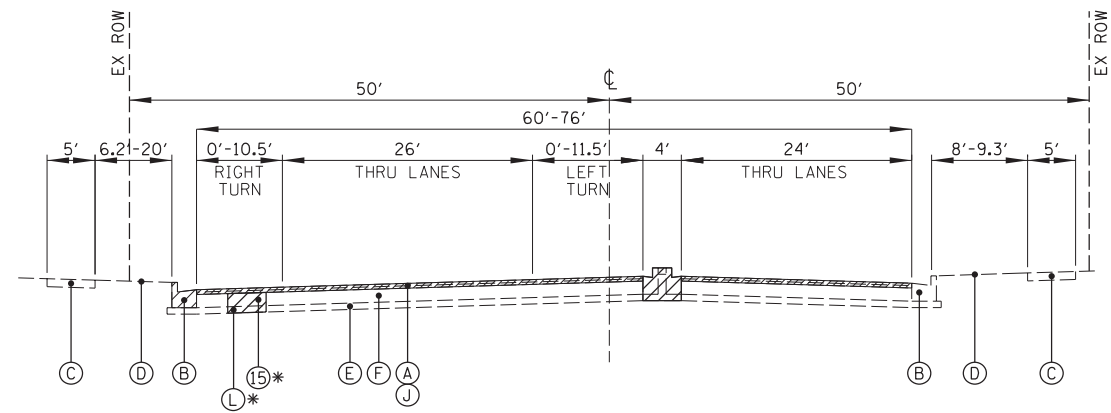
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
TYPICAL SECTIONS**

SCALE: 1:10 SHEET 2 OF 5 SHEETS STA. TO STA.

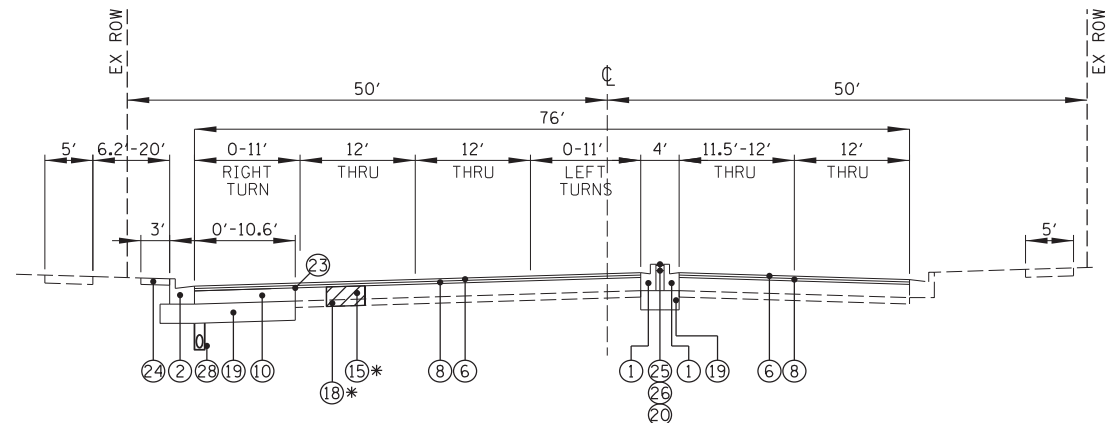
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	13
			CONTRACT NO. 61H44	
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

CENTRAL ROAD
(EAST OF RAND ROAD)
STA. 171+00 TO STA. 179+10

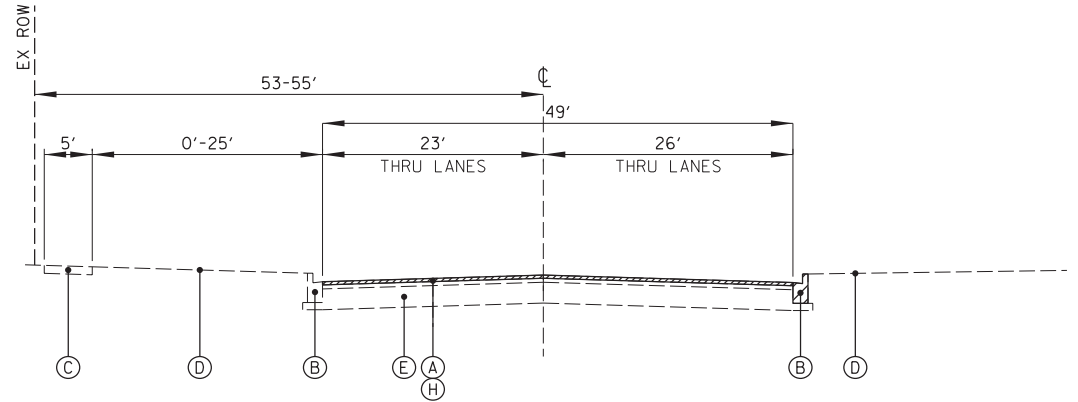
CENTRAL ROAD EX PAVEMENT CORE:
HMA SURFACE - 3"
PCC BASE - 8 1/4"
STONE BASE - 4"



PROPOSED TYPICAL SECTION

CENTRAL ROAD
(EAST OF RAND ROAD)
STA. 171+00 TO STA. 179+10

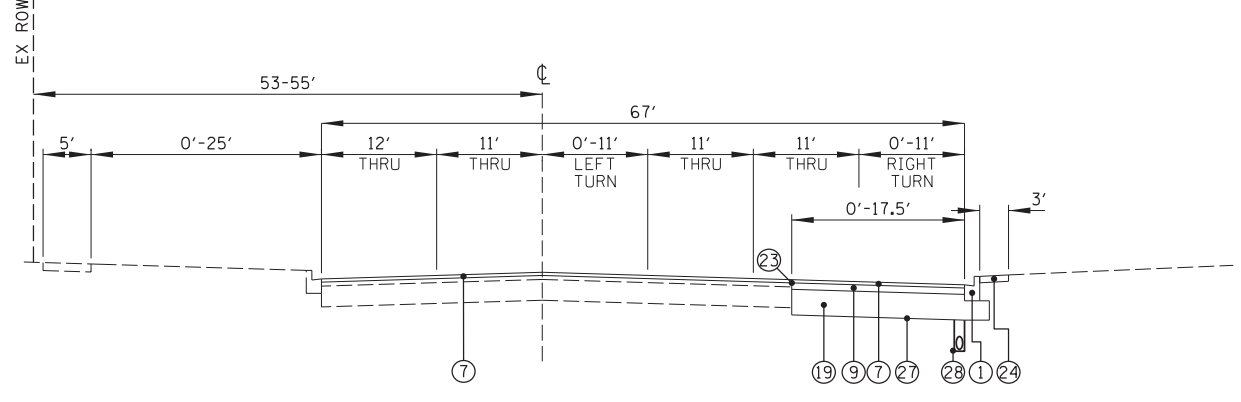
CENTRAL ROAD PR PAVEMENT THICKNESS:
P HMA SC SMA 9.5 F N80 - 2"
P HMA BC IL-4.75 N50 - 1"



EXISTING TYPICAL SECTION

MOUNT PROSPECT ROAD
(SOUTH OF CENTRAL ROAD)
STA. 26+85 TO STA. 31+00

MT. PROSPECT EX PAVEMENT CORE:
HMA SURFACE - 4 1/2"
PCC BASE - 0"
STONE BASE - 13"



PROPOSED TYPICAL SECTION

MOUNT PROSPECT ROAD
(SOUTH OF CENTRAL ROAD)
STA. 26+85 TO STA. 31+00

MT. PROSPECT ROAD PR SURFACE THICKNESS:
HMA SC IL-9.5 D N70 - 2"

LEGEND

- REMOVAL ITEMS
- (A) EXISTING HOT-MIX ASPHALT
- (B) EXISTING CONCRETE CURB AND GUTTER
- (C) EXISTING PCC SIDEWALK
- (D) EXISTING TOPSOIL AND SODDING
- (E) EXISTING AGGREGATE BASE
- (F) EXISTING PCC BASE
- (G) EXISTING MEDIAN
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
- (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159)
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 3" (44000161)
- (K) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" (44000164)
- (L) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (M) EXISTING BRICK SIDEWALK
- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- (3) PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
PORTLAND CEMENT CONCRETE SIDEWALK 6" (42400300) (PRIVATE ENTRANCES)
PORTLAND CEMENT CONCRETE SIDEWALK 8" (42400410) (COMMERCIAL ENTRANCES)
- (4) CONCRETE MEDIAN SURFACE, 4" (60618300)
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (40602985)
- (6) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,
SMA, 9.5, MIX "F", N80 (40605026)
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (40604062)
- (8) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (40603200)
- (9) HOT-MIX ASPHALT BASE COURSE, 4" (35501300) (>6')
HOT-MIX ASPHALT BASE COURSE WIDENING 4" (35600650) (0'-6')
- (10) PORTLAND CEMENT CONCRETE BASE COURSE 8 1/4" (X3540325) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8 1/4" (X3540325) (0'-6')
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- * (15) CLASS B PATCHES, 8 INCH (TYPES I, II, III & IV) (442009XX)
- * (16) CLASS B PATCHES, 9 INCH (TYPES I, II, III & IV) (442009XX)
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- (21) SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180)
SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200) (AT DRIVEWAYS)
- (22) CONCRETE CURB, TYPE B (6060605)
- (23) STRIP REFLECTIVE CRACK CONTROL TREATMENT (LR443200)
- (24) LANDSCAPE RESTORATION;
SODDING, SALT TOLERANT (25200110)
- (25) CONCRETE MEDIAN SURFACE, SPECIAL (X6061305)
- (26) CONCRETE MEDIAN SURFACE, TYPE SB-6.12 (60619600)
- (27) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
- (28) PIPE UNDERDRAINS, TYPE 2, 4" (60108204)

*AT LOCATIONS AS DIRECTED BY THE ENGINEER
**CONSTRUCTED IN MAINTENANCE OF TRAFFIC STAGE 1

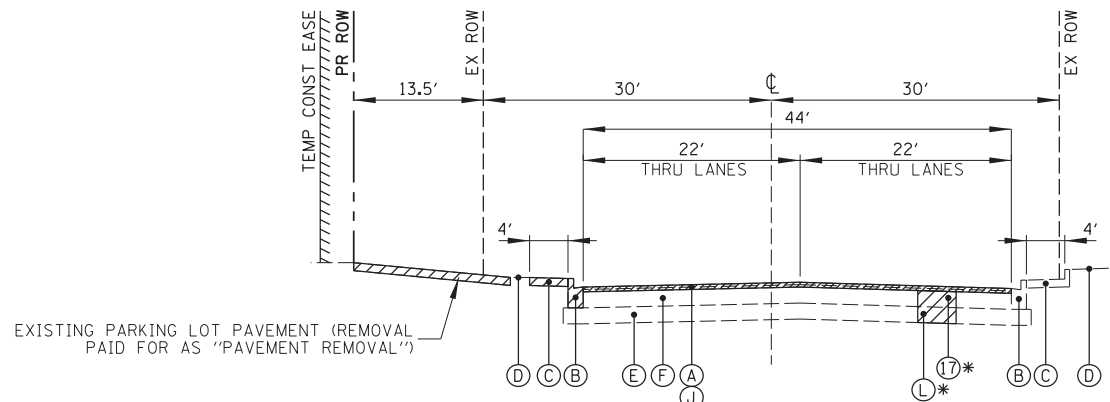
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Default	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS
TYPICAL SECTIONS**

SCALE: 1:10 SHEET 3 OF 5 SHEETS STA. TO STA.

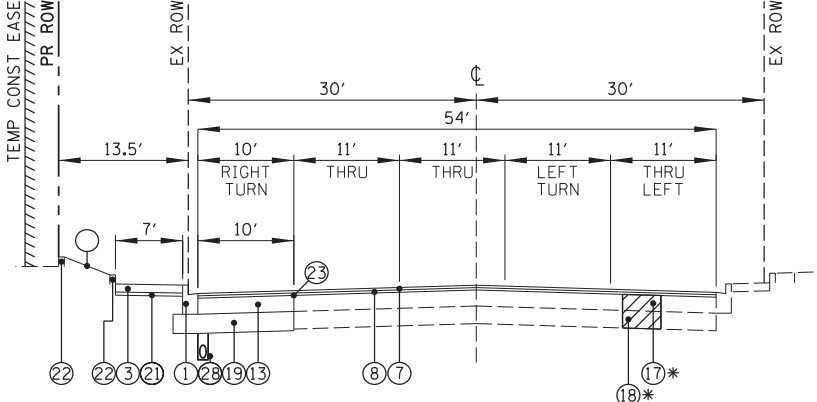
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	14
			CONTRACT NO. 61H44	
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

MOUNT PROSPECT ROAD
(NORTH OF CENTRAL ROAD)
STA . 50+00 TO STA. 52+72

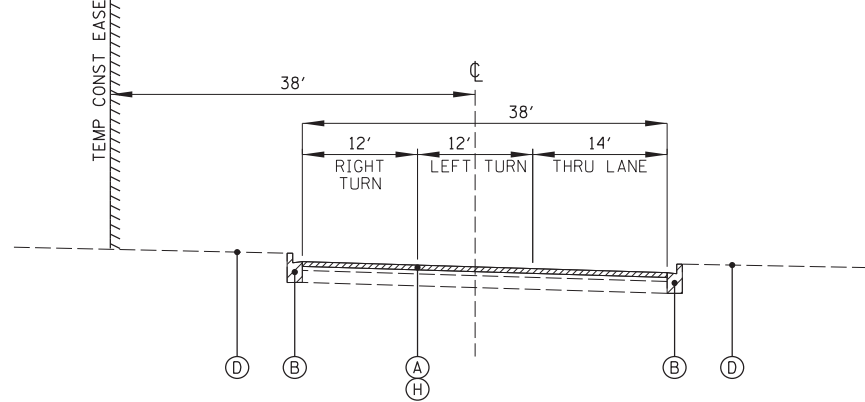
MT. PROSPECT EX PAVEMENT CORE:
HMA SURFACE - 3"
PCC BASE - 10"
STONE BASE - 11"



PROPOSED TYPICAL SECTION

MOUNT PROSPECT ROAD
(NORTH OF CENTRAL ROAD)
STA . 50+00 TO STA. 52+72

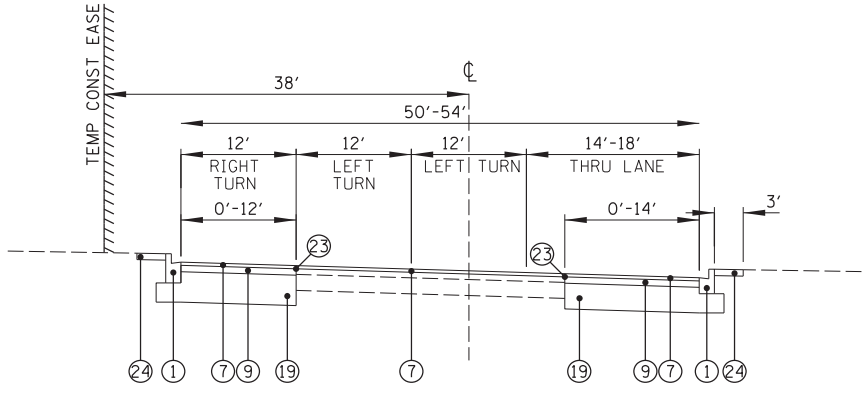
MT. PROSPECT PR PAVEMENT THICKNESS:
P HMA SC SMA 9.5 F N80 - 2"
P HMA BC IL-4.75 N50 - 1"



EXISTING TYPICAL SECTION

WALMART ENTRANCE

WALMART ENTRANCE EX PAVEMENT CORE:
HMA SURFACE - 5 1/2"
CRUSHED CONCRETE BASE COURSE - 10"



PROPOSED TYPICAL SECTION

WALMART ENTRANCE

WALMART ENTRANCE PR SURFACE THICKNESS:
HMA SC IL-9.5 D N70 - 2"

LEGEND

- REMOVAL ITEMS
- (A) EXISTING HOT-MIX ASPHALT
- (B) EXISTING CONCRETE CURB AND GUTTER
- (C) EXISTING PCC SIDEWALK
- (D) EXISTING TOPSOIL AND SODDING
- (E) EXISTING AGGREGATE BASE
- (F) EXISTING PCC BASE
- (G) EXISTING MEDIAN
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
- (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159)
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 3" (44000161)
- (K) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" (44000164)
- (L) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (M) EXISTING BRICK SIDEWALK
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PORTLAND CEMENT CONCRETE SIDEWALK 6" (42400300) (PRIVATE ENTRANCES)
PORTLAND CEMENT CONCRETE SIDEWALK 8" (42400410) (COMMERCIAL ENTRANCES)
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- (5) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (40602985)
- (6) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 (40605026)
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (40604062)
- (8) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (40603200)
- (9) HOT-MIX ASPHALT BASE COURSE, 4" (35501300) (>6')
HOT-MIX ASPHALT BASE COURSE WIDENING 4" (35600650) (0'-6')
- (10) PORTLAND CEMENT CONCRETE BASE COURSE 8 1/4" (X3540325) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8 1/4" (X3540325) (0'-6')
- (11) PORTLAND CEMENT CONCRETE BASE COURSE 8 3/4" (35300315) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8 3/4" (35400375) (0'-6')
- (12) PORTLAND CEMENT CONCRETE BASE COURSE 9 1/4" (35400405) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9 1/4" (35400425) (0'-6')
- (13) PORTLAND CEMENT CONCRETE BASE COURSE 10" (35300500) (>6')
PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10" (35400500) (0'-6')
- (14) PORTLAND CEMENT CONCRETE BASE COURSE 13" (35300720)
- (15) CLASS B PATCHES, 8 INCH (TYPES I, II, III & IV) (442009XX)
- (16) CLASS B PATCHES, 9 INCH (TYPES I, II, III & IV) (442009XX)
- (17) CLASS B PATCHES, 10 INCH (TYPES I, II, III & IV) (442009XX)
- (18) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- (19) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300012)
- (20) SUBBASE GRANULAR MATERIAL, TYPE B (31101100)
- (21) SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180)
- (22) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200) (AT DRIVEWAYS)
- (23) CONCRETE CURB, TYPE B (6060605)
- (24) STRIP REFLECTIVE CRACK CONTROL TREATMENT (LR443200)
- (25) LANDSCAPE RESTORATION; SODDING, SALT TOLERANT (25200110)
- (26) CONCRETE MEDIAN SURFACE, SPECIAL (X6061305)
- (27) CONCRETE MEDIAN SURFACE, TYPE SB-6.12 (60619600)
- (28) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
- (29) PIPE UNDERDRAINS, TYPE 2, 4" (60108204)

*AT LOCATIONS AS DIRECTED BY THE ENGINEER
**CONSTRUCTED IN MAINTENANCE OF TRAFFIC STAGE 1

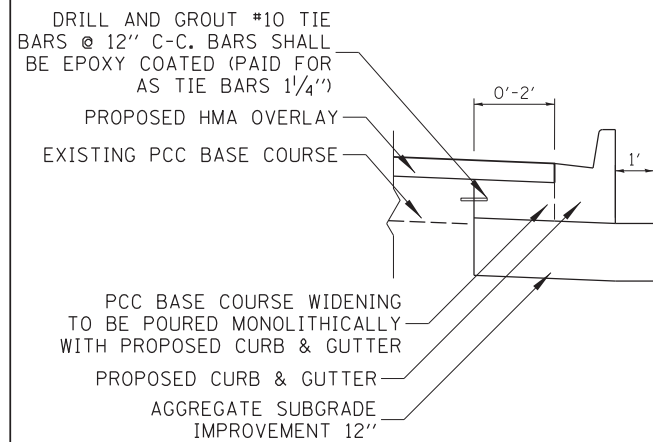
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
TYPICAL SECTIONS**

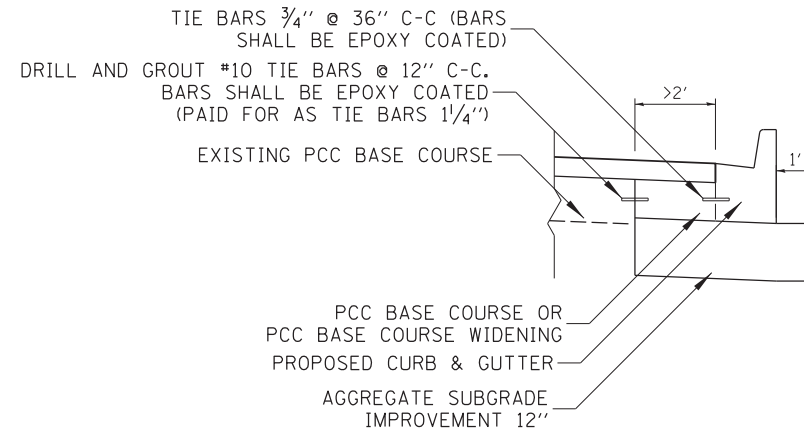
SCALE: 1:10 SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	15
			CONTRACT NO. 61H44	
ILLINOIS FED. AID PROJECT				



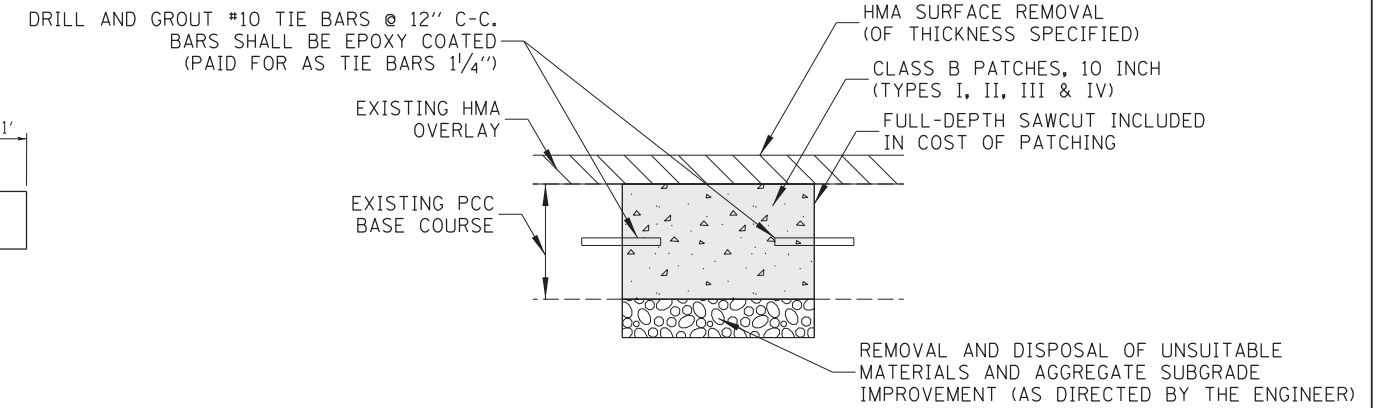
PCC BASE COURSE WIDENING DETAIL

(WIDENING 0'-2')



PCC BASE COURSE (TIE BAR) DETAIL

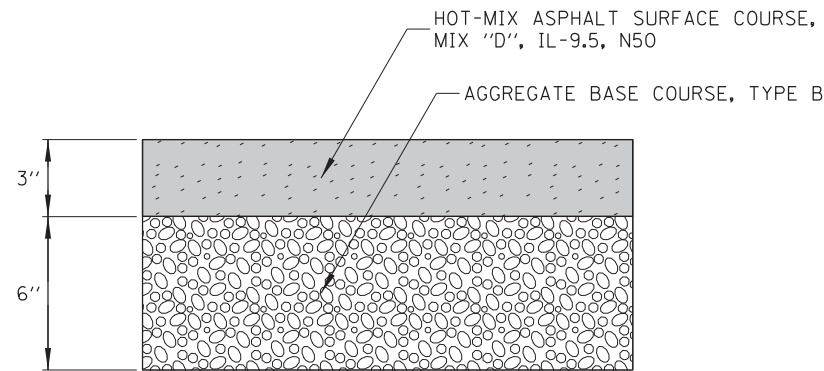
(WIDENING >2')



PAVEMENT PATCH

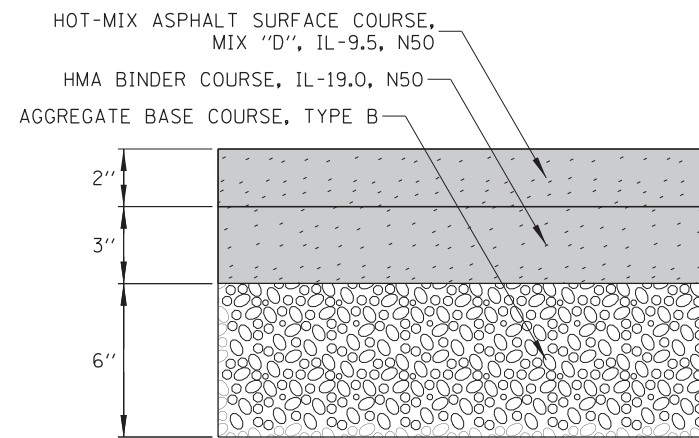
CONTRACTOR SHALL PATCH PAVEMENT USING THE FOLLOWING SEQUENCE:

1. SCARIFY THE ENTIRE PAVEMENT WIDTH
2. AT THE DIRECTION OF THE ENGINEER, REMOVE THE PCC BASE AND REPLACE WITH CLASS B PATCH.



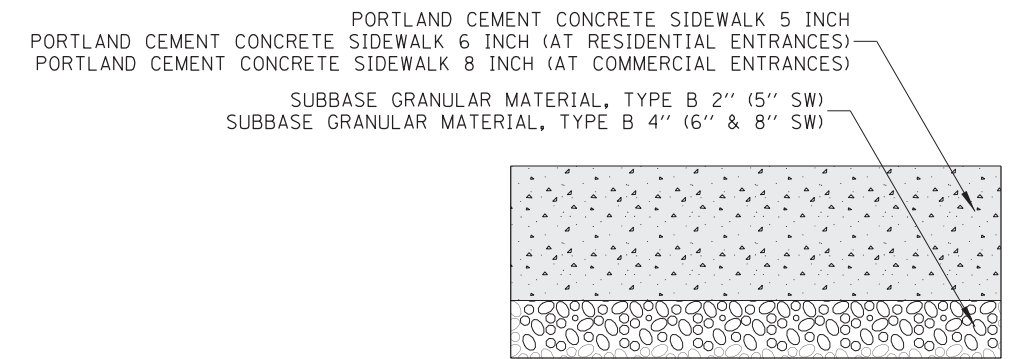
HOT MIX ASPHALT ENTRANCES (PRIVATE)

(PAID AS HMA DRIVEWAY PAVEMENT, 3")

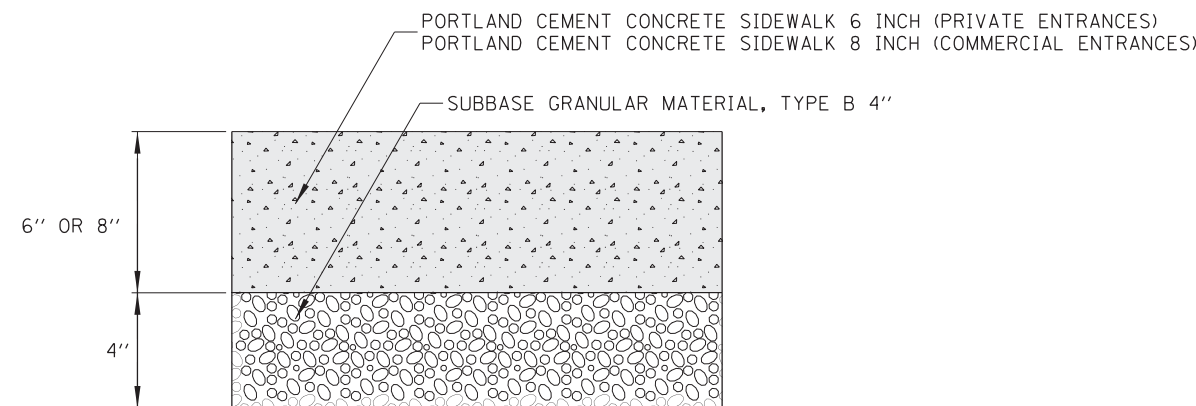


HOT-MIX ASPHALT ENTRANCES (COMMERCIAL) AND HOT-MIX ASPHALT PARKING LOT (EXCEPT WALMART ENTRANCE)

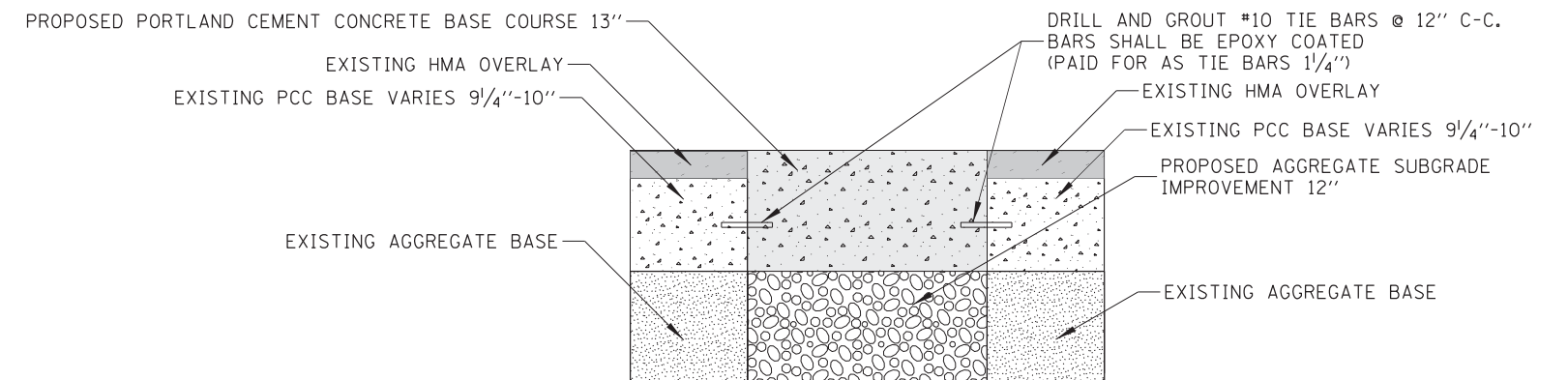
(PAID AS HMA DRIVEWAY PAVEMENT, 5")



PROPOSED SIDEWALK DETAIL



PORTLAND CEMENT CONCRETE ENTRANCES (PRIVATE & COMMERCIAL)



PROPOSED PAVEMENT SECTION FOR MEDIAN / ISLAND REPLACEMENT

FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -
N:\MOUNTPROSPECT\200015\Civil\TYP_200015_01.SHT		DRAWN -	REVISED -
Default	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

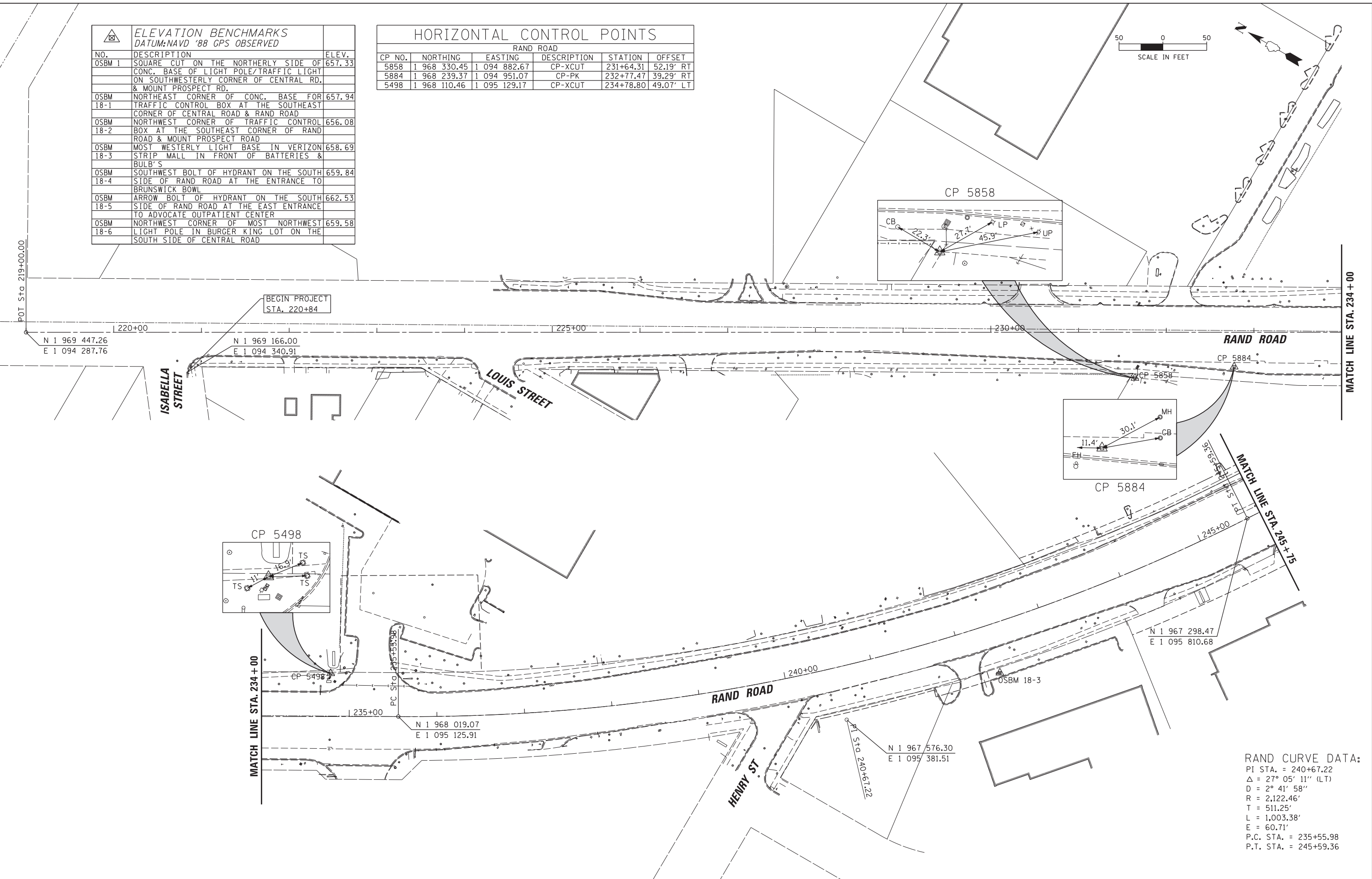
RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS
TYPICAL SECTIONS DETAILS

SCALE: 1:10 SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	16
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	

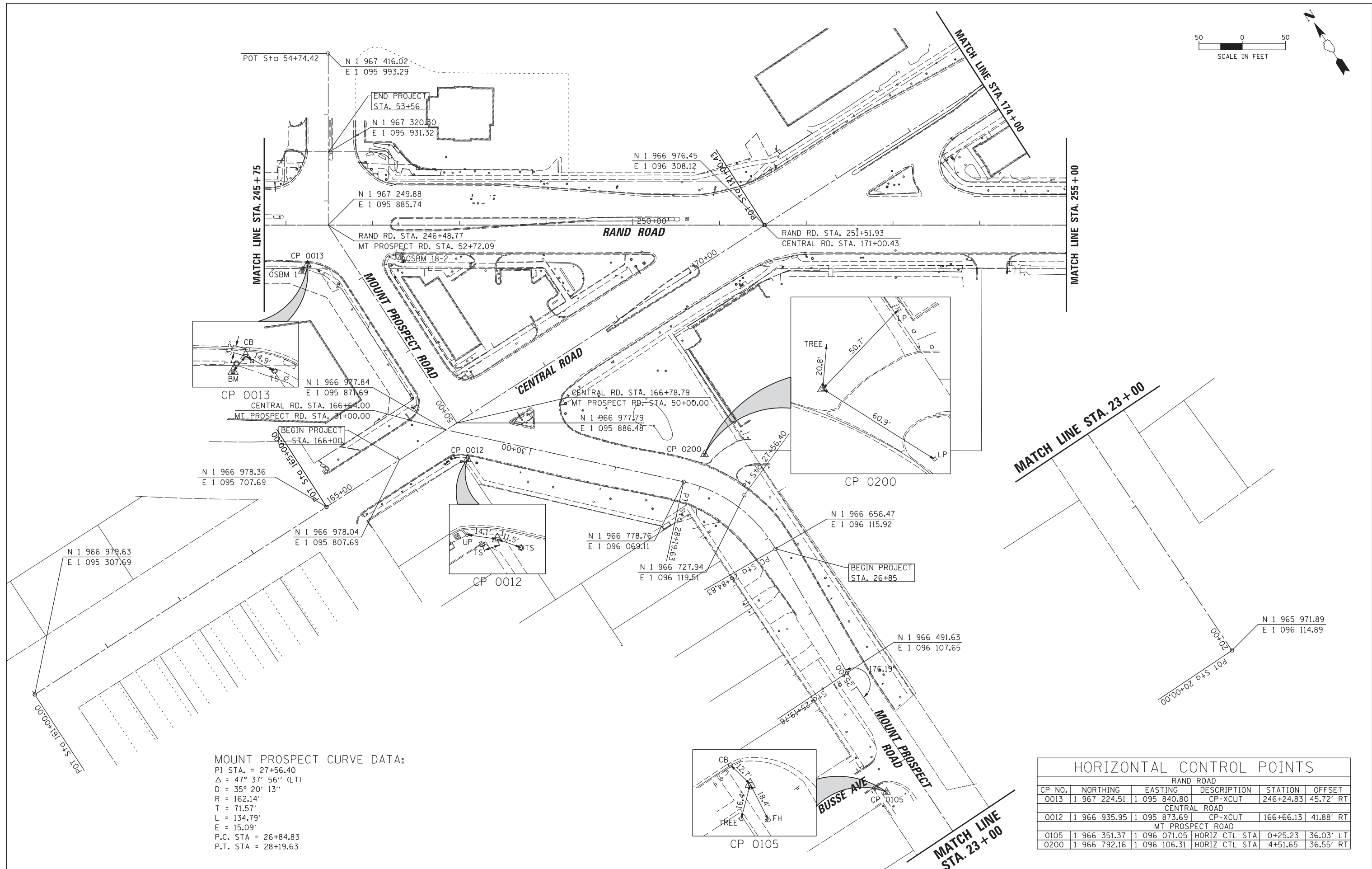
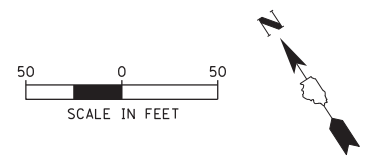
ELEVATION BENCHMARKS DATUM:NAVD '88 GPS OBSERVED		
NO.	DESCRIPTION	ELEV.
OSBM 1	SQUARE CUT ON THE NORTHERLY SIDE OF CONC. BASE OF LIGHT POLE/TRAFFIC LIGHT ON SOUTHWESTERLY CORNER OF CENTRAL RD. & MOUNT PROSPECT RD.	657.33
OSBM 18-1	NORTHEAST CORNER OF CONC. BASE FOR TRAFFIC CONTROL BOX AT THE SOUTHEAST CORNER OF CENTRAL ROAD & RAND ROAD	657.94
OSBM 18-2	NORTHWEST CORNER OF TRAFFIC CONTROL BOX AT THE SOUTHEAST CORNER OF RAND ROAD & MOUNT PROSPECT ROAD	656.08
OSBM 18-3	MOST WESTERLY LIGHT BASE IN VERIZON STRIP MALL IN FRONT OF BATTERIES & BULB'S	658.69
OSBM 18-4	SOUTHWEST BOLT OF HYDRANT ON THE SOUTH SIDE OF RAND ROAD AT THE ENTRANCE TO BRUNSWICK BOWL	659.84
OSBM 18-5	ARROW BOLT OF HYDRANT ON THE SOUTH SIDE OF RAND ROAD AT THE EAST ENTRANCE TO ADVOCATE OUTPATIENT CENTER	662.53
OSBM 18-6	NORTHWEST CORNER OF MOST NORTHWEST LIGHT POLE IN BURGER KING LOT ON THE SOUTH SIDE OF CENTRAL ROAD	659.58

HORIZONTAL CONTROL POINTS RAND ROAD						
CP NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET	
5858	1 968 330.45	1 094 882.67	CP-XCUT	231+64.31	52.19'	RT
5884	1 968 239.37	1 094 951.07	CP-PK	232+77.47	39.29'	RT
5498	1 968 110.46	1 095 129.17	CP-XCUT	234+78.80	49.07'	LT



RAND CURVE DATA:
 PI STA. = 240+67.22
 Δ = 27° 05' 11" (LT)
 D = 2° 41' 58"
 R = 2,122.46'
 T = 511.25'
 L = 1,003.38'
 E = 60.71'
 P.C. STA. = 235+55.98
 P.T. STA. = 245+59.36

FILE NAME = N:\MOUNTPROSPECT\200015\Civil\BNHL\200015.SHT	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS ALIGNMENT, TIES AND BENCHMARKS	F.A.P. RTE. = 334	SECTION = 17-00166-00-CH	COUNTY = COOK	TOTAL SHEETS = 264	SHEET NO. = 18		
Default	PLOT SCALE = 50'	CHECKED -	REVISED -			SCALE: 1:50	SHEET 01 OF 03 SHEETS	STA. TO STA.	CONTRACT NO. 61H44			
	PLOT DATE = 5/4/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						



MOUNT PROSPECT CURVE DATA:
 PI STA. = 27+56.40
 $\Delta = 47^\circ 37' 56''$ (LT)
 $D = 35^\circ 20' 13''$
 $R = 162.14'$
 $T = 71.57'$
 $L = 134.79'$
 $E = 15.09'$
 P.C. STA = 26+84.83
 P.T. STA = 28+19.63

HORIZONTAL CONTROL POINTS					
RAND ROAD					
CP NO.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
0013	1 967 224.51	1 095 840.80	CP-XCUT	246+24.83	45.72' RT
CENTRAL ROAD					
0012	1 966 935.95	1 095 873.69	CP-XCUT	166+66.13	41.88' RT
MT PROSPECT ROAD					
0105	1 966 351.37	1 096 071.05	HORIZ CTL STA	0+25.23	36.03' LT
0200	1 966 792.16	1 096 106.31	HORIZ CTL STA	4+51.65	36.55' RT

FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

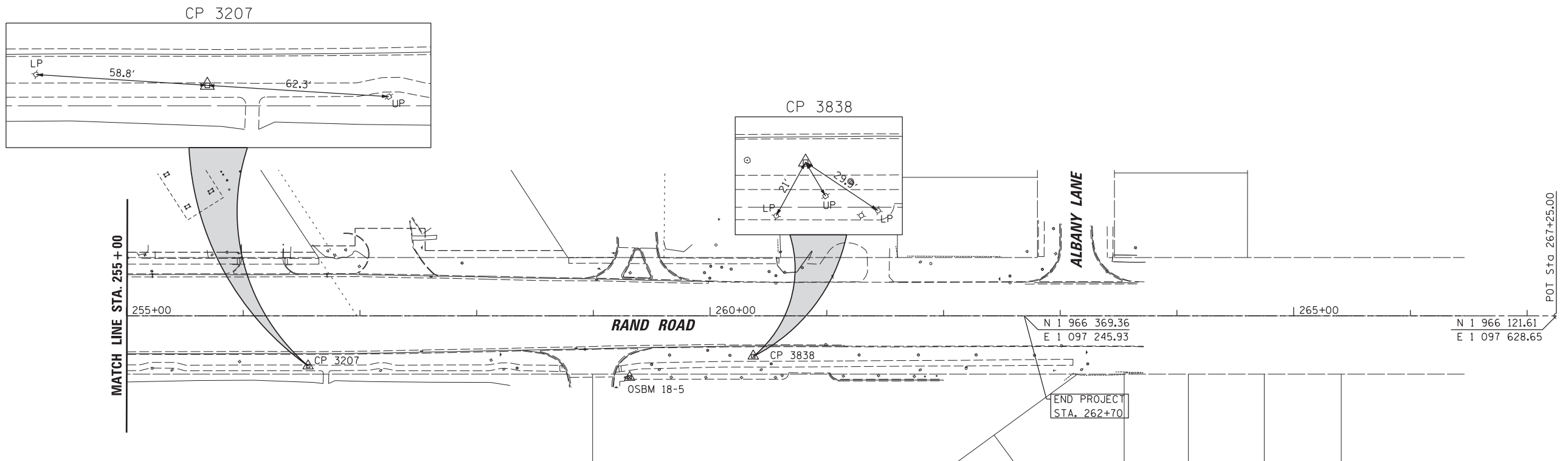
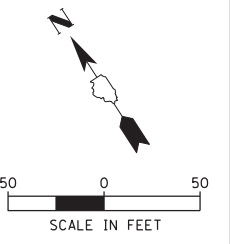
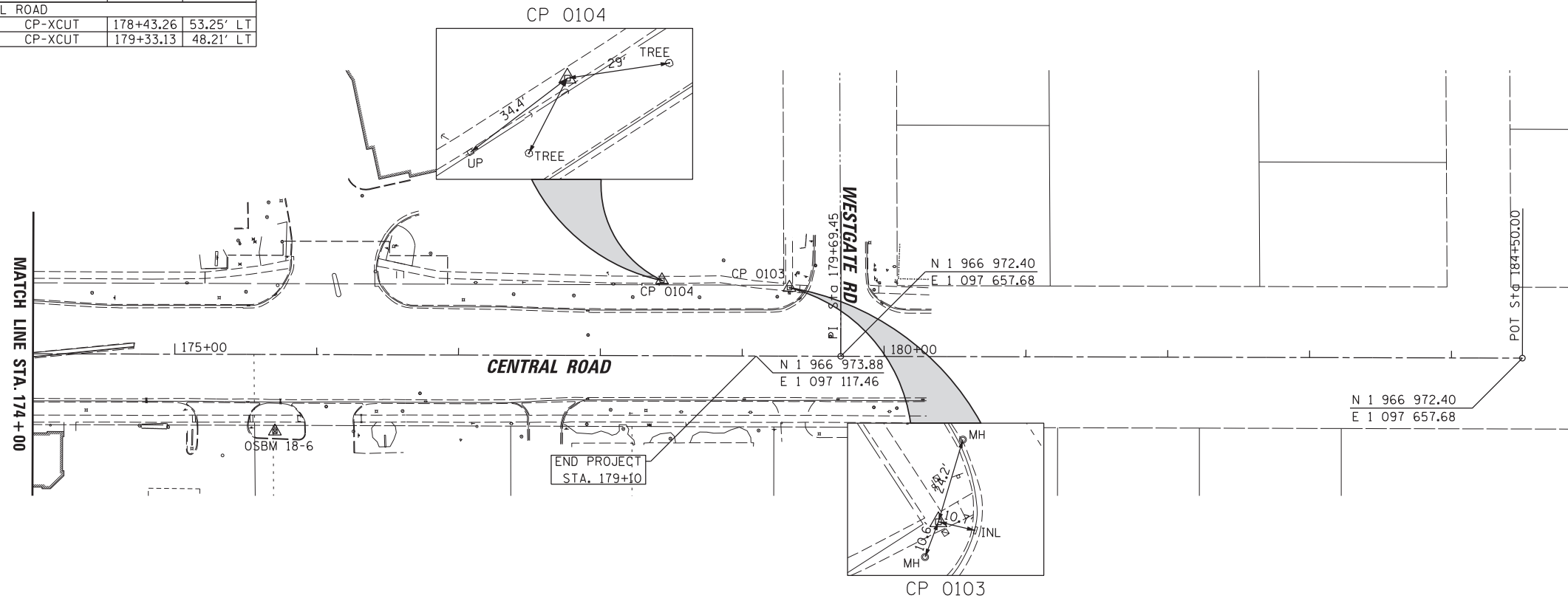
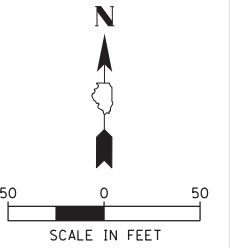
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
 ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1:50 SHEET 02 OF 03 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	19
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	

HORIZONTAL CONTROL POINTS						
RAND ROAD						
3207	1 966 666.67	1 096 707.54	CP-XCUT		43.00'	RT
3838	1 966 466.51	1 097 032.28	CP-PK	260+36.94	34.55'	RT
CENTRAL ROAD						
0104	1 967 027.34	1 097 051.11	CP-XCUT	178+43.26	53.25'	LT
0103	1 967 022.02	1 097 140.96	CP-XCUT	179+33.13	48.21'	LT



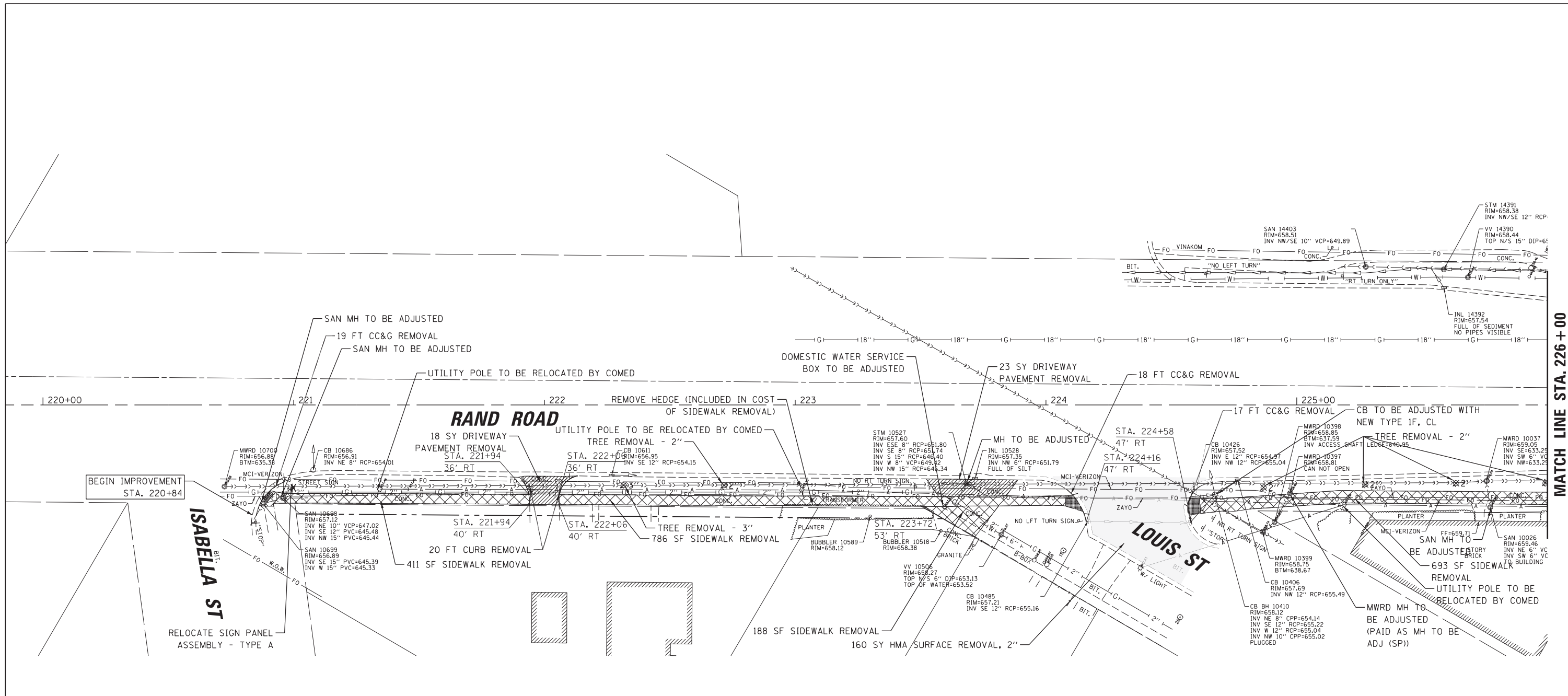
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Default	PLOT SCALE = 5/8"	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1:50 SHEET 03 OF 03 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	20
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 226 + 00

BEGIN IMPROVEMENT
STA. 220+84

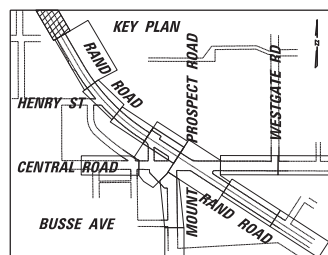
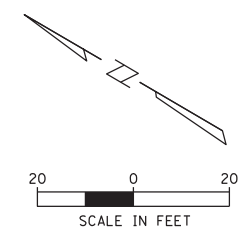
ISABELLA ST
RELOCATE SIGN PANEL
ASSEMBLY - TYPE A

RAND ROAD

LOUIS ST

LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 3"
- HMA SURFACE REMOVAL, 3-3/4"
- MEDIAN REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- SEWER FILLING OR REMOVAL
- TREE REMOVAL
- SIGN REMOVAL
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- EXISTING AERIAL LINE
- EXISTING WATER MAIN
- EXISTING STORM SEWER
- EXISTING COMBINED SEWER
- EXISTING FENCE



- MWRDGC NOTES**
- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
 - ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLE WITHIN PROJECT AREA SHALL NOT BE BURIED/COVERED.
 - NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES. MWRD PERSONNEL SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
 - FURTHERMORE, MWRD'S MANHOLES SHALL BE LOCATED, PROTECTED, AND/OR ADJUSTED TO GRADE, IF NECESSARY, AS PER MWRDGC STANDARD PROCEDURES.
 - PRIOR AUTHORIZATION IS REQUIRED TO MAKE ANY STRUCTURAL MODIFICATIONS, INCLUDING MANHOLE FRAME AND LID ADJUSTMENTS.
 - AUTHORIZATION MAY BE OBTAINED BY CONTACTING MR. CEDRIC ROBERTSON, MANAGING ENGINEER, AT (708) 588-3896.

NOTE:
ANY TREE REMOVAL LESS THAN 6" DBH IS INCLUDED IN THE COST OF EARTH EXCAVATION AND IS NOT CALCULATED AS PART OF TREE REMOVAL

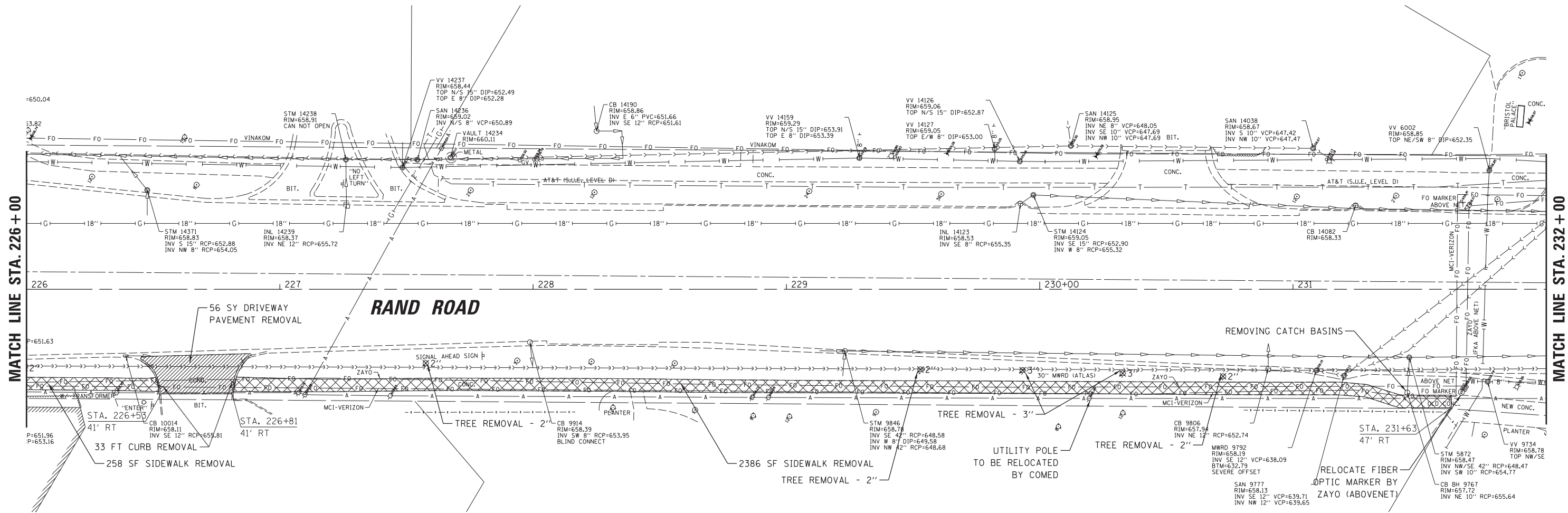
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
EXISTING CONDITIONS AND REMOVAL PLAN**

SCALE: 1:20 SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H44	



MATCH LINE STA. 226+00

MATCH LINE STA. 232+00

RAND ROAD

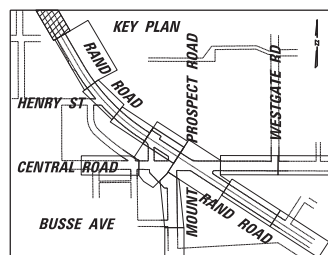
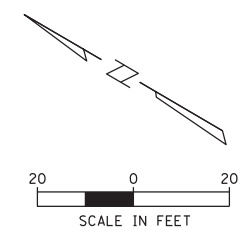
MWRDGC NOTES

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LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 3"
- HMA SURFACE REMOVAL, 3-3/4"
- MEDIAN REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- SEWER FILLING OR REMOVAL
- TREE REMOVAL
- SIGN REMOVAL
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- EXISTING AERIAL LINE
- EXISTING WATER MAIN
- EXISTING STORM SEWER
- EXISTING COMBINED SEWER
- EXISTING FENCE



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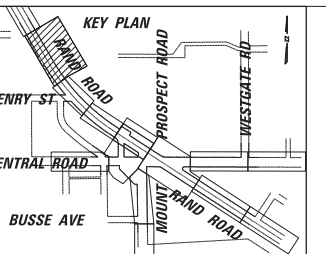
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
EXISTING CONDITIONS AND REMOVAL PLAN**

SCALE: 1:20 SHEET 2 OF 10 SHEETS STA. TO STA.

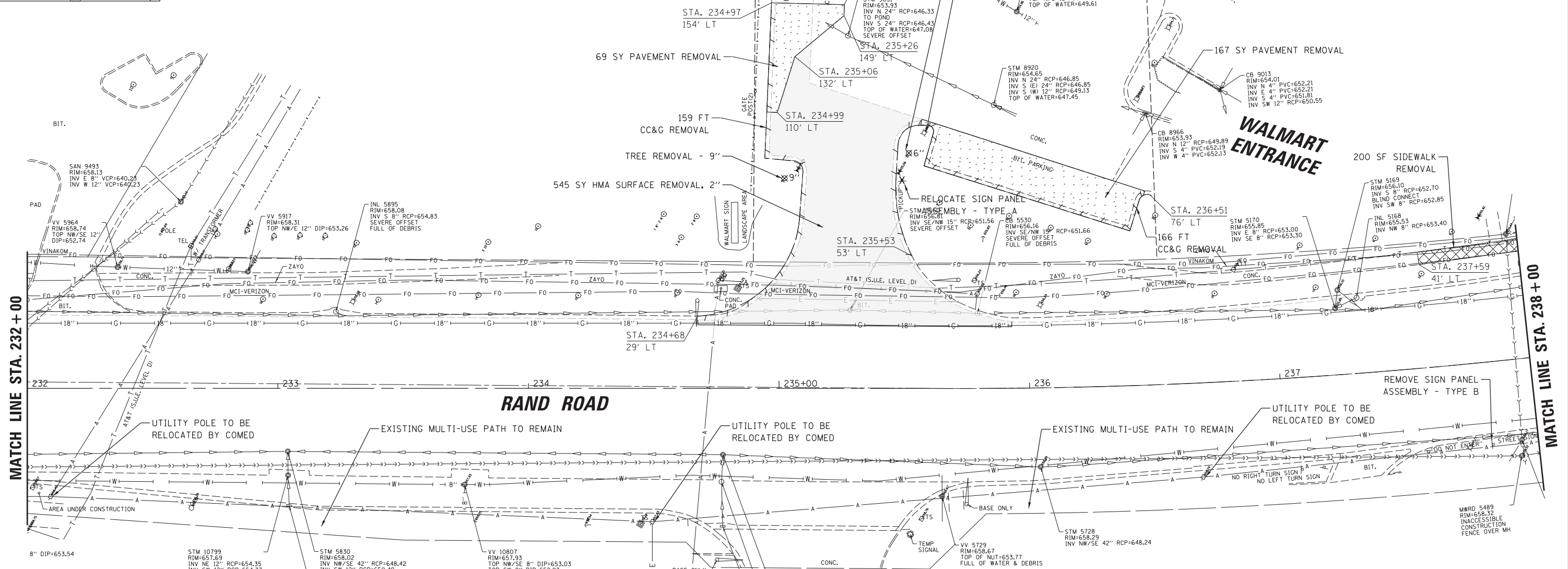
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	22
			CONTRACT NO. 61H44	
ILLINOIS FED. AID PROJECT				

- LEGEND**
- SIDEWALK REMOVAL
 - PAVEMENT REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL, 2"
 - HMA SURFACE REMOVAL, 3"
 - HMA SURFACE REMOVAL, 3-3/4"
 - MEDIAN REMOVAL
 - COMBINATION CONCRETE CURB AND GUTTER REMOVAL
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 - EXISTING AERIAL LINE
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 - EXISTING STORM SEWER
 - EXISTING COMBINED SEWER
 - EXISTING FENCE



NOTE:
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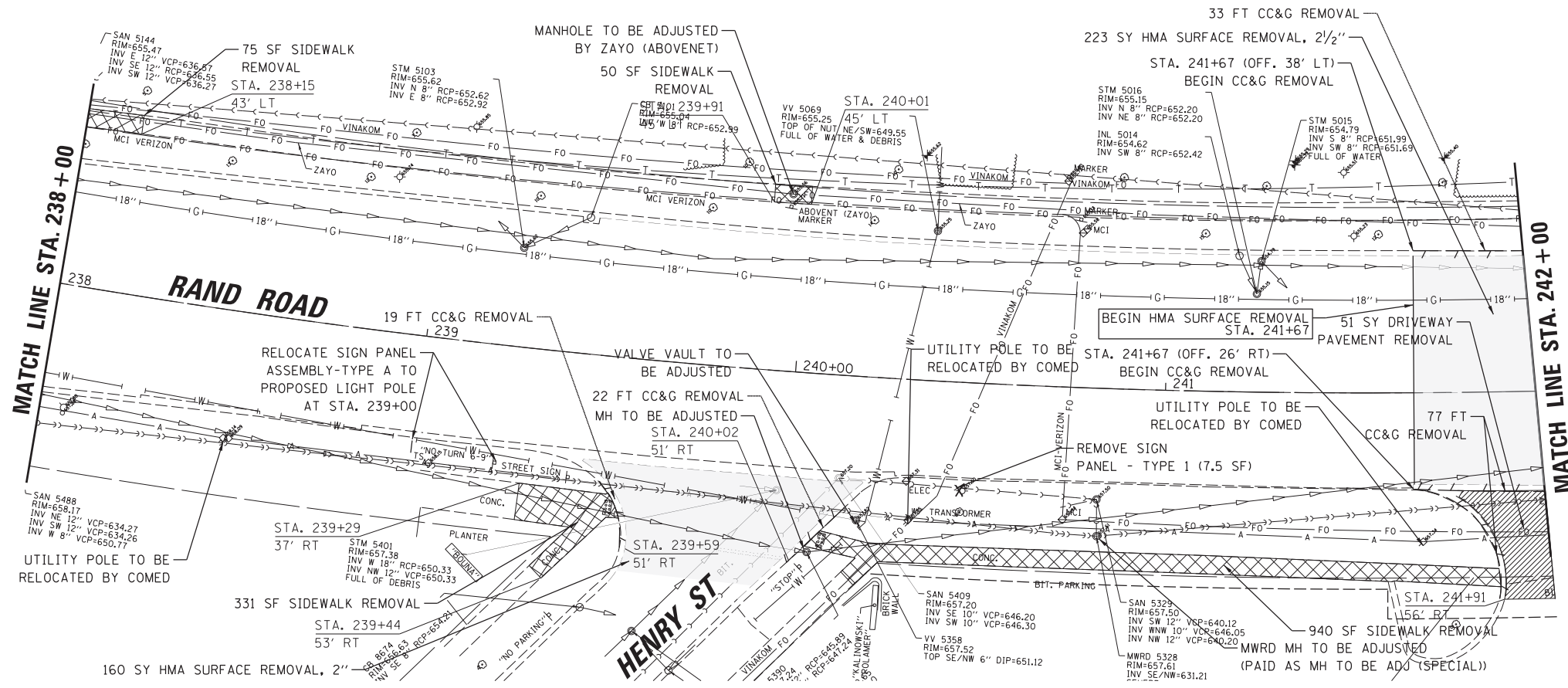
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
EXISTING CONDITIONS AND REMOVAL PLAN**

SCALE: 1:20 SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 334	SECTION 17-00166-00-CH	COUNTY COOK	TOTAL SHEETS 264	SHEET NO. 23
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 238 + 00

MATCH LINE STA. 242 + 00

RAND ROAD

HENRY ST

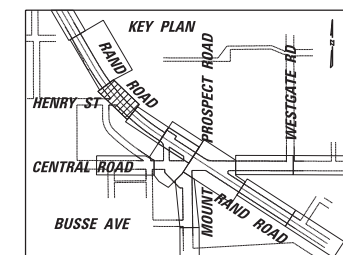
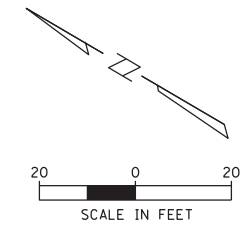
MWRDGC NOTES

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NOTE:
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LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 3"
- HMA SURFACE REMOVAL, 3-3/4"
- MEDIAN REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- SEWER FILLING OR REMOVAL
- TREE REMOVAL
- SIGN REMOVAL
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- EXISTING AERIAL LINE
- EXISTING WATER MAIN
- EXISTING STORM SEWER
- EXISTING COMBINED SEWER
- EXISTING FENCE



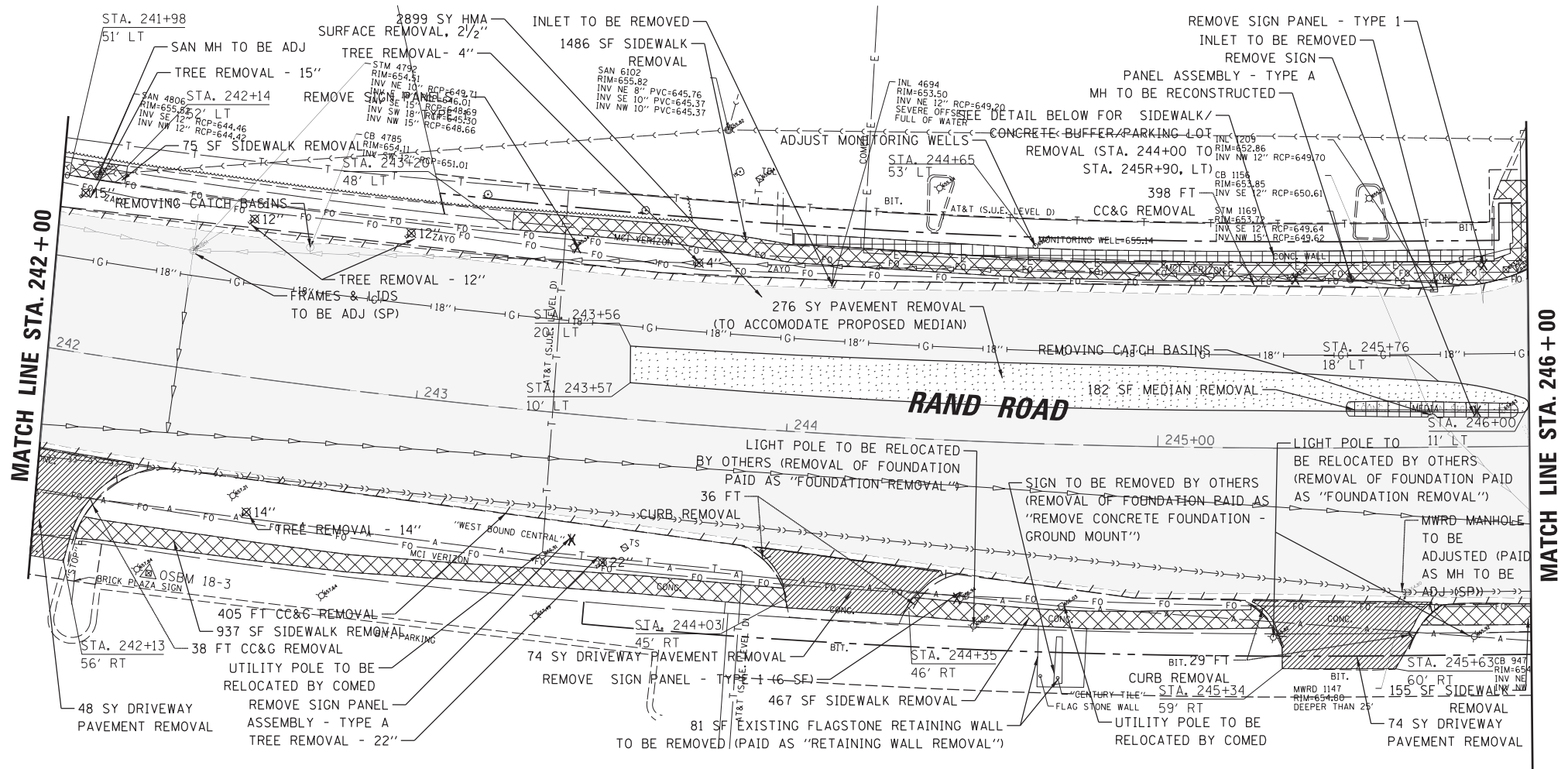
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
EXISTING CONDITIONS AND REMOVAL PLAN**

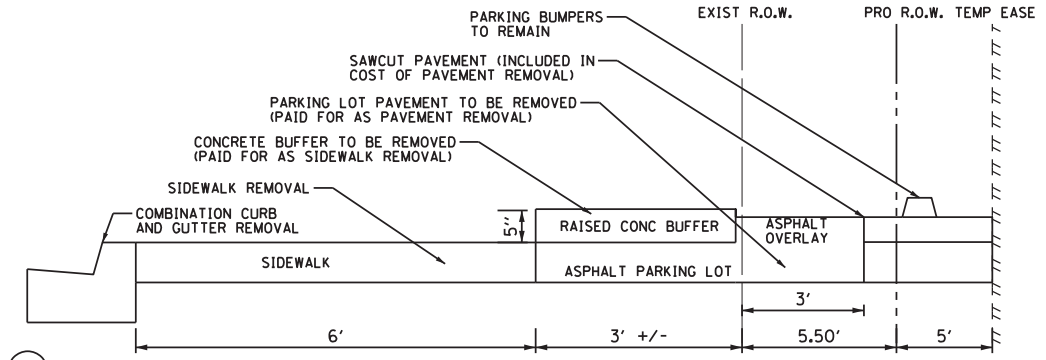
SCALE: 1:20 SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	24
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



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US BANK PARKING LOT REMOVAL DETAIL
STA. 244+00 TO STA 245+90, OFF: 50' LT

LEGEND

- ☒ SIDEWALK REMOVAL
- ◌ PAVEMENT REMOVAL
- ▨ DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 3"
- HMA SURFACE REMOVAL, 3-3/4"
- ▣ MEDIAN REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL
- SEWER FILLING OR REMOVAL
- ✕ TREE REMOVAL
- ✕ SIGN REMOVAL
- Ⓜ STRUCTURE TO BE REMOVED
- Ⓜ STRUCTURE TO BE ADJUSTED
- A EXISTING AERIAL LINE
- +W+ EXISTING WATER MAIN
- - - - EXISTING STORM SEWER
- - - - EXISTING COMBINED SEWER
- - - - EXISTING FENCE

KEY PLAN

SCALE IN FEET
20 0 20

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

RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1:20 SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	25
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				

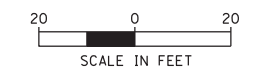
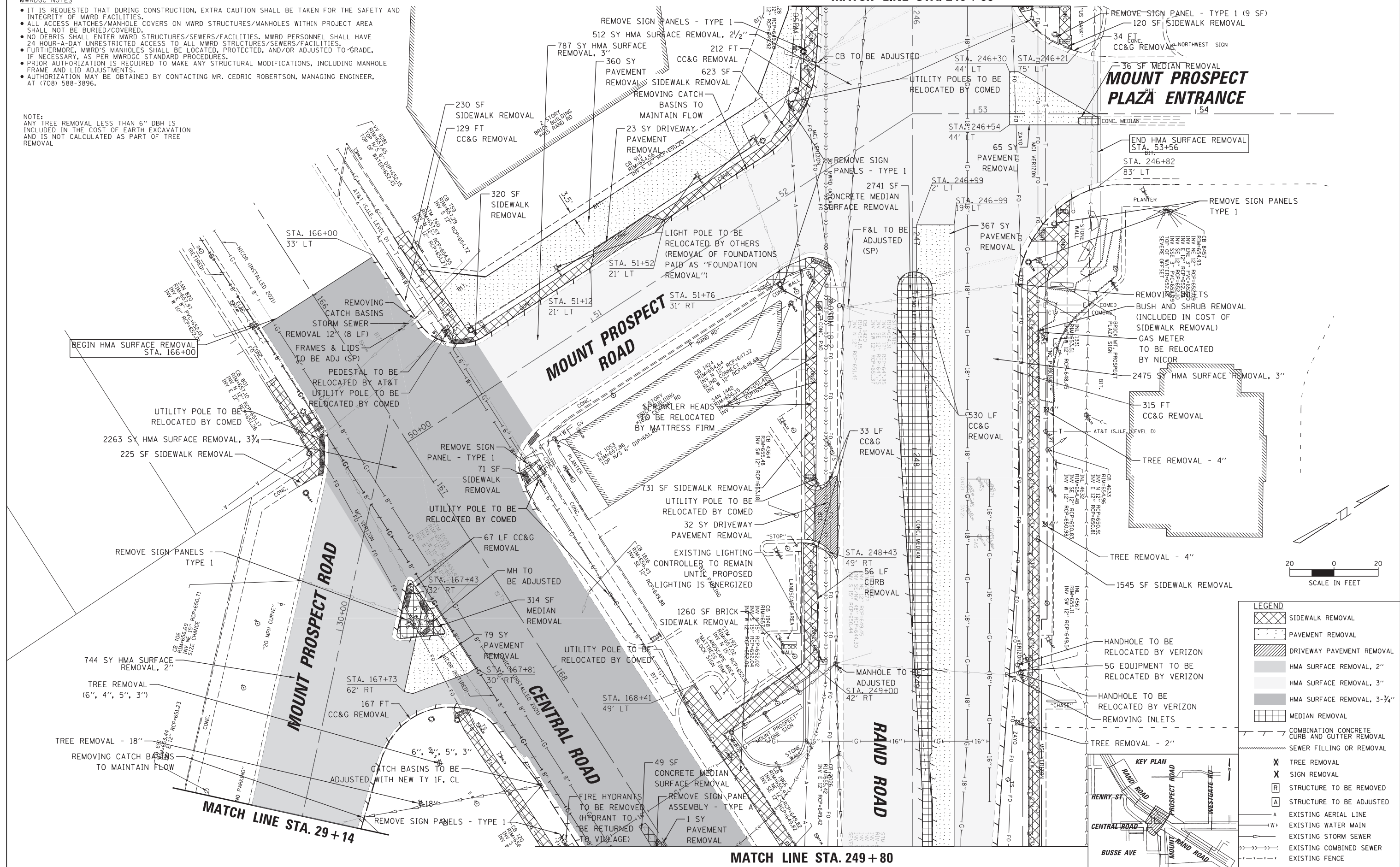
MWRDCC NOTES

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MATCH LINE STA. 246 + 00

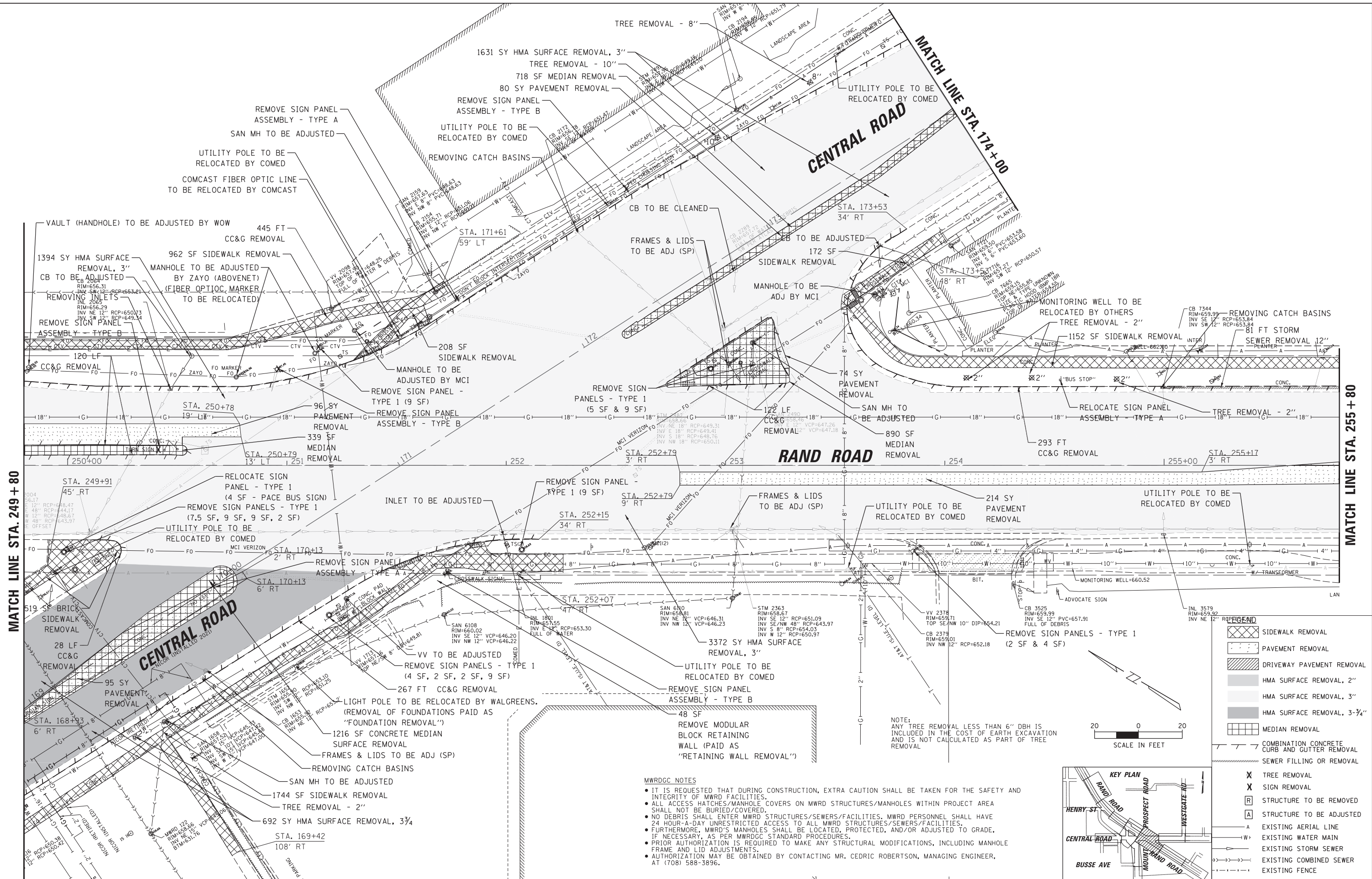
MOUNT PROSPECT PLAZA ENTRANCE



LEGEND

[Cross-hatched box]	SIDEWALK REMOVAL
[Dotted box]	PAVEMENT REMOVAL
[Diagonal lines box]	DRIVEWAY PAVEMENT REMOVAL
[Light gray box]	HMA SURFACE REMOVAL, 2"
[Medium gray box]	HMA SURFACE REMOVAL, 3"
[Dark gray box]	HMA SURFACE REMOVAL, 3-3/4"
[Grid box]	MEDIAN REMOVAL
[Dashed line]	COMBINATION CONCRETE CURB AND GUTTER REMOVAL
[Wavy line]	SEWER FILLING OR REMOVAL
[X symbol]	TREE REMOVAL
[X symbol]	SIGN REMOVAL
[R symbol]	STRUCTURE TO BE REMOVED
[A symbol]	STRUCTURE TO BE ADJUSTED
[A symbol]	EXISTING AERIAL LINE
[W symbol]	EXISTING WATER MAIN
[S symbol]	EXISTING STORM SEWER
[C symbol]	EXISTING COMBINED SEWER
[Dashed line]	EXISTING FENCE

FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS EXISTING CONDITIONS AND REMOVAL PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\MOUNTPROSPECT\200015\Civil\REM.200015.06.SHT		DRAWN -	REVISED -			334	17-00166-00-CH	COOK	264	26	
Default	PLOT SCALE = 28'	CHECKED -	REVISED -			CONTRACT NO. 61H44					
	PLOT DATE = 5/4/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



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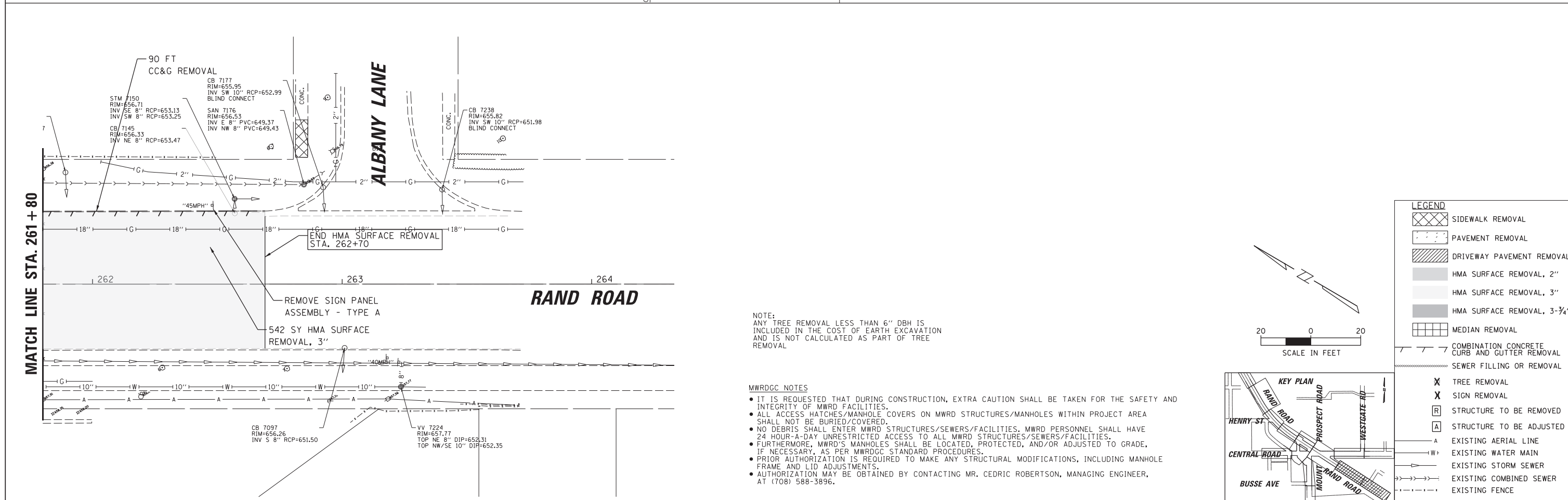
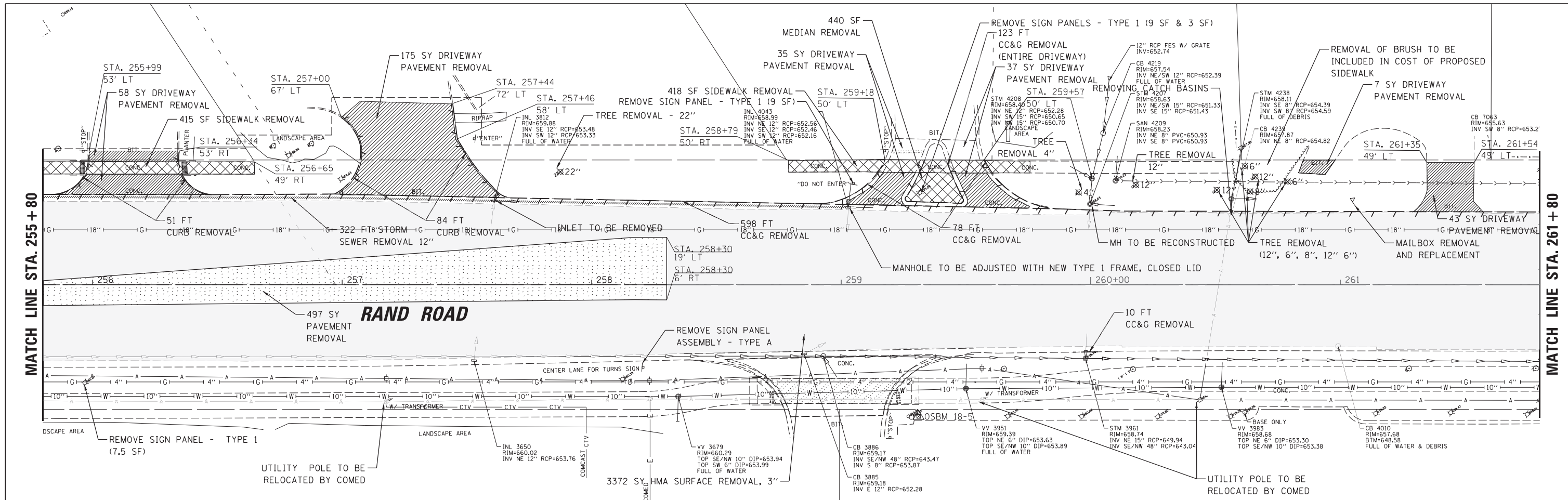
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
EXISTING CONDITIONS AND REMOVAL PLAN**

SCALE: 1:20 SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	27
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	



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LEGEND

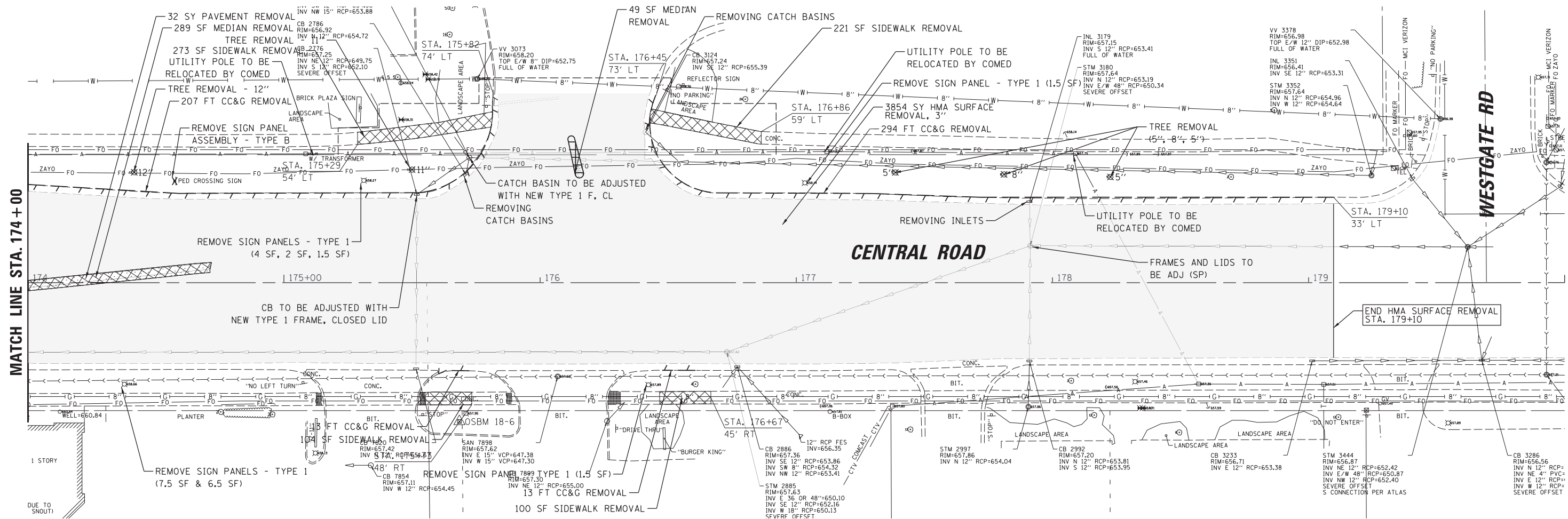
- SIDEWALK REMOVAL
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KEY PLAN

SCALE IN FEET

20 0 20

FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS EXISTING CONDITIONS AND REMOVAL PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 5/4/2022	CHECKED -	REVISED -			CONTRACT NO. 61H44					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



MATCH LINE STA. 174 + 00

WESTGATE RD

CENTRAL ROAD

1 STORY
DUE TO SNOOT

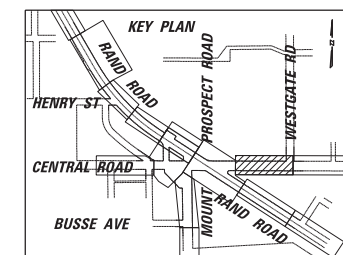
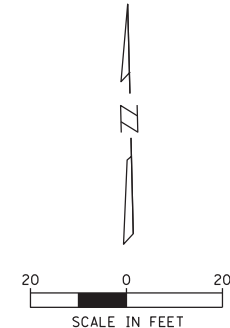
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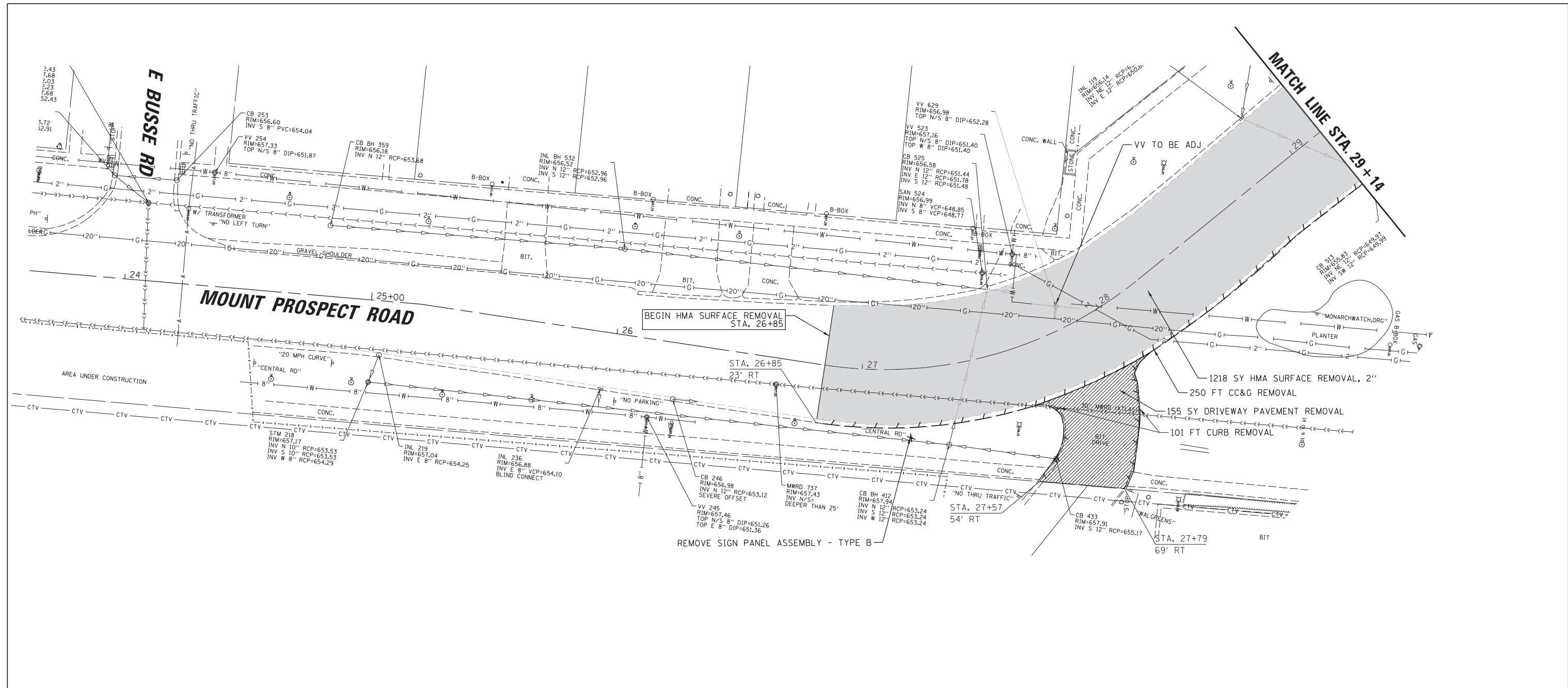
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Default	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
EXISTING CONDITIONS AND REMOVAL PLAN**

SCALE: 1:20 SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	29
			CONTRACT NO. 61H44	
ILLINOIS FED. AID PROJECT				



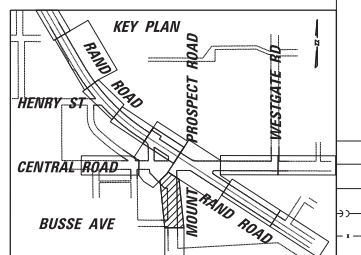
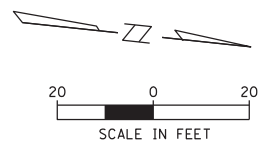
BEGIN HMA SURFACE REMOVAL STA. 26+85

REMOVE SIGN PANEL ASSEMBLY - TYPE B

1218 SY HMA SURFACE REMOVAL, 2"
 250 FT CC&G REMOVAL
 155 SY DRIVEWAY PAVEMENT REMOVAL
 101 FT CURB REMOVAL

LEGEND

	SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, 2"
	HMA SURFACE REMOVAL, 3"
	HMA SURFACE REMOVAL, 3-3/4"
	MEDIAN REMOVAL
	COMBINATION CONCRETE CURB AND GUTTER REMOVAL
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

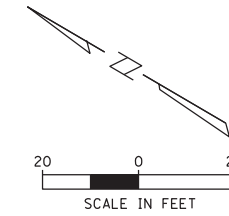
**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
 EXISTING CONDITIONS AND REMOVAL PLAN**

SCALE: 1:20 SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	30
			CONTRACT NO. 61H44	
ILLINOIS FED. AID PROJECT				

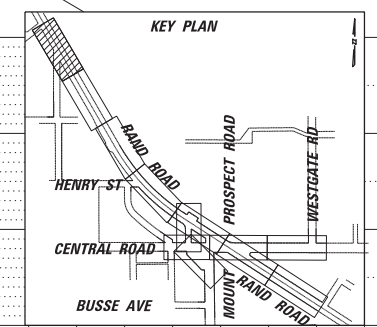
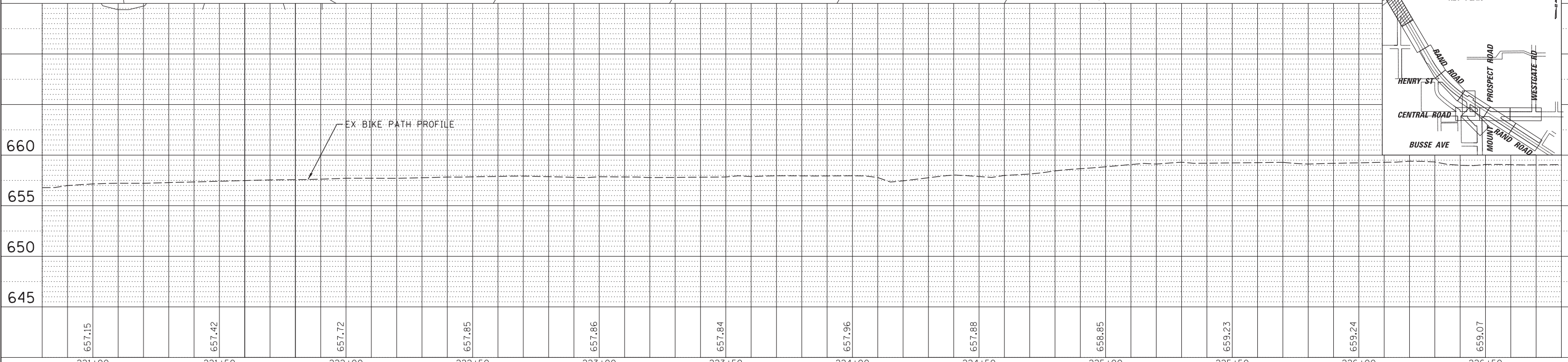
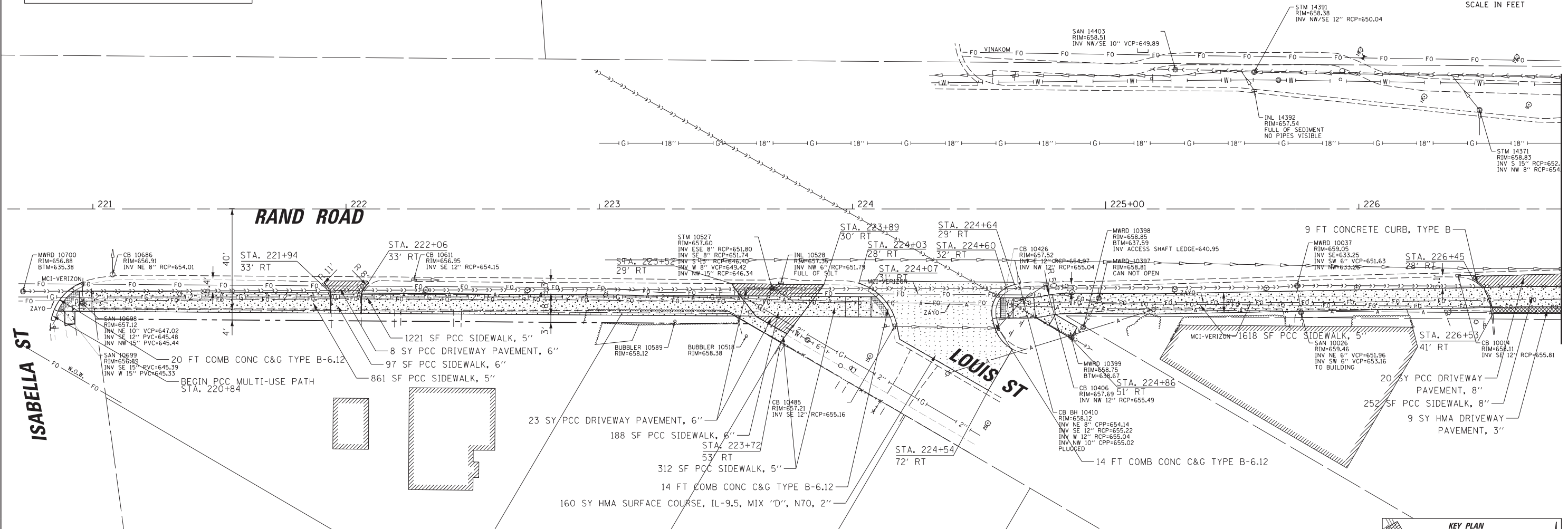
LEGEND	
	PCC SIDEWALK
	PCC DRIVEWAY PAVEMENT, 6" (PE), 8" (CE) SUBBASE GRANULAR MATERIAL, TYPE B 4"
	HMA DRIVEWAY PAVEMENT, 3" (PE), 5" (CE)
	HOT-MIX ASPHALT RESURFACING
	PAVEMENT WIDENING

NOTE: CONTRACTION JOINTS ON THE PROPOSED 8' TO 10' PCC SIDEWALK MULTI-USE PATH SHALL BE SAWCUT TO A DEPTH OF 1/4". TOOLED JOINTS WILL NOT BE ALLOWED. SEE SPECIAL PROVISION FOR PORTLAND CEMENT CONCRETE SIDEWALK FOR ADDITIONAL INFORMATION.



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	

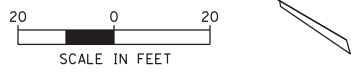
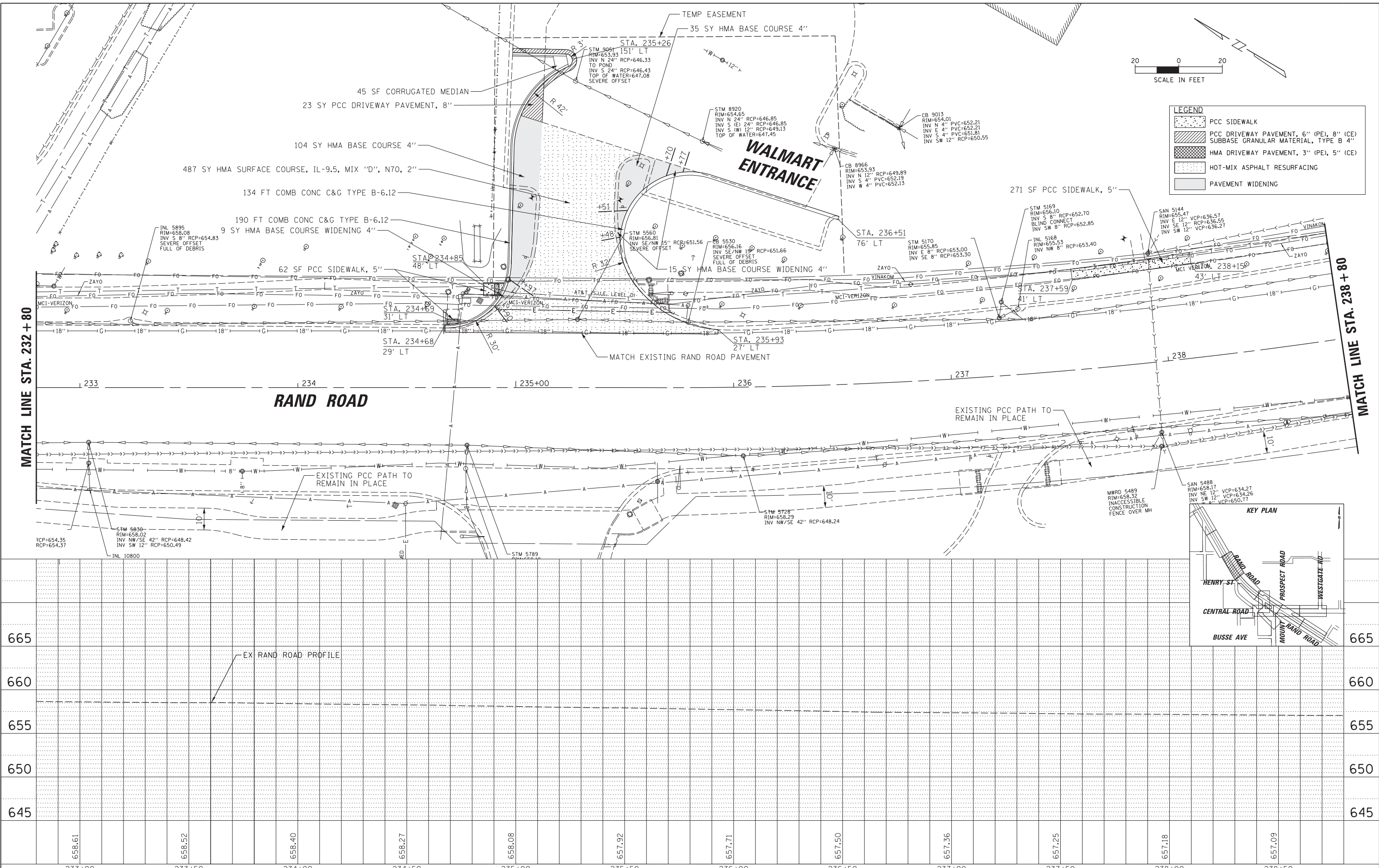
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	DATE	



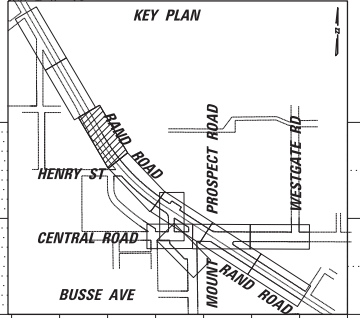
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N:\MOUNTPROSPECT\200015\Civil\RPPL_200015	RAND.SHT	DRAWN - MG	REVISED -		SCALE: 1:20	SHEET 1 OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 61H44			
Default	PLOT SCALE = 28'	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 5/4/2022	DATE - 1/19	REVISED -									

DATE	
BY	
PLAN	SURVEYED
	NOTED
	CHECKED
	ALIGNED
	FILED
	NO.

DATE	
BY	
PROFILE	SURVEYED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	CHFD
	NO.



LEGEND	
[Pattern]	PCC SIDEWALK
[Pattern]	PCC DRIVEWAY PAVEMENT, 6" (PE), 8" (CE) SUBBASE GRANULAR MATERIAL, TYPE B 4"
[Pattern]	HMA DRIVEWAY PAVEMENT, 3" (PE), 5" (CE)
[Pattern]	HOT-MIX ASPHALT RESURFACING
[Pattern]	PAVEMENT WIDENING

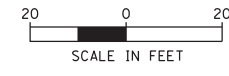


FILE NAME =	USER NAME = rhowellindgren	DESIGNED - ETA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\MOUNTPROSPECT\200015\Civil\PPP3.200015	RAND.SHT	DRAWN - MG	REVISED -		334	17-00166-00-CH	COOK	264	33		
Default	PLOT SCALE = 20'	CHECKED -	REVISED -		CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT			
	PLOT DATE = 5/4/2022	DATE - 1/19	REVISED -		SCALE: 1:20	SHEET 3 OF 12 SHEETS	STA. TO STA.				

LEGEND

[Pattern]	PCC SIDEWALK
[Pattern]	PCC DRIVEWAY PAVEMENT, 6" (PE), 8" (CE) SUBBASE GRANULAR MATERIAL, TYPE B 4"
[Pattern]	HMA DRIVEWAY PAVEMENT, 3" (PE), 5" (CE)
[Pattern]	HOT-MIX ASPHALT RESURFACING
[Pattern]	PAVEMENT WIDENING

NOTE:
CONTRACTION JOINTS ON THE PROPOSED 8' TO 10' PCC SIDEWALK MULTI-USE PATH SHALL BE SAWCUT TO A DEPTH OF 1/4". TOOLED JOINTS WILL NOT BE ALLOWED. SEE SPECIAL PROVISION FOR PORTLAND CEMENT CONCRETE SIDEWALK FOR ADDITIONAL INFORMATION.

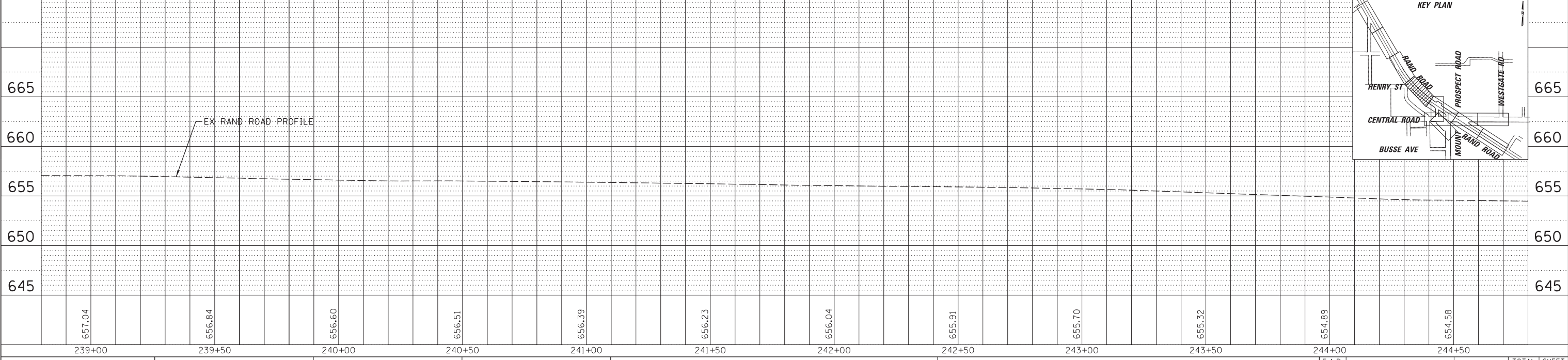
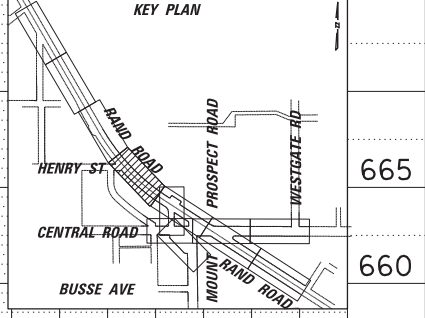
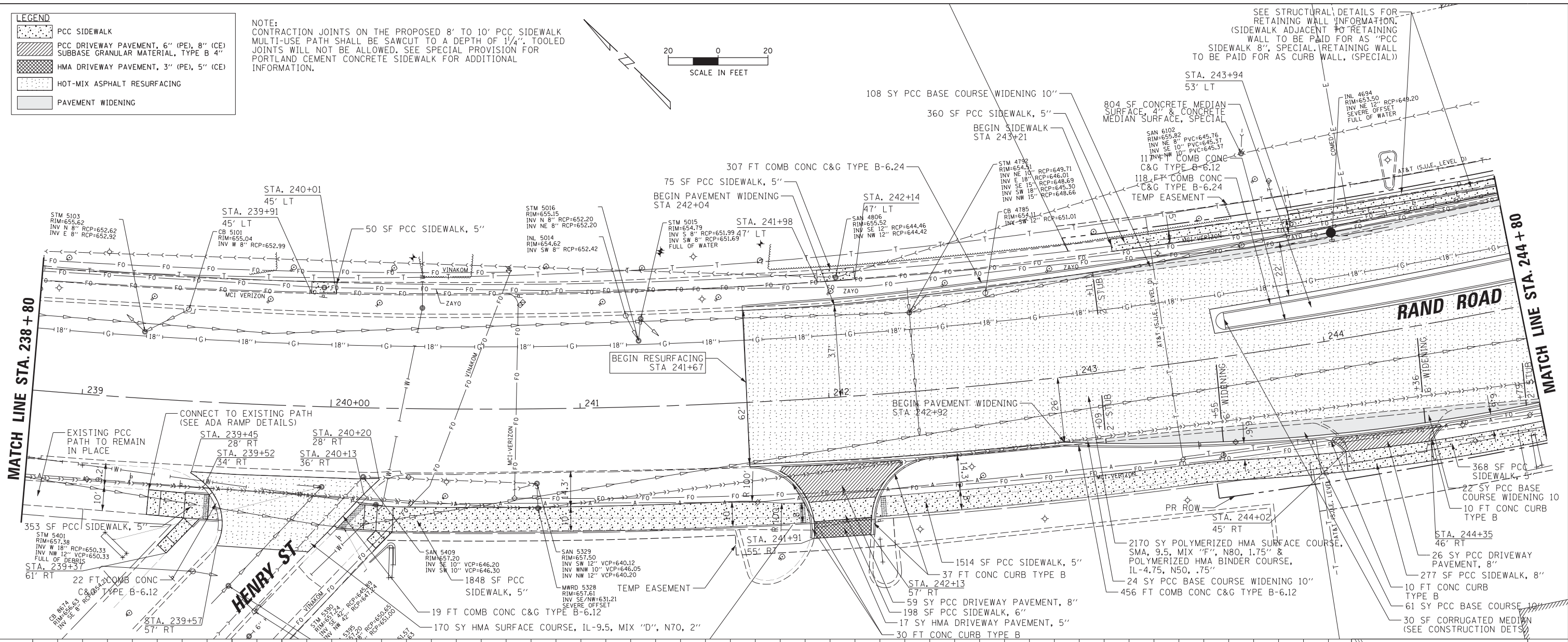


PLAN

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	

PROFILE

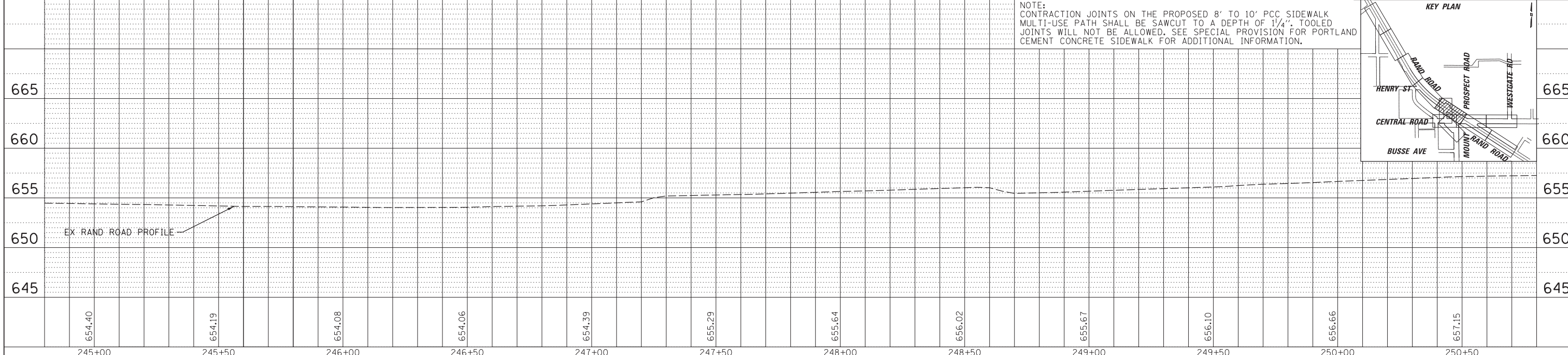
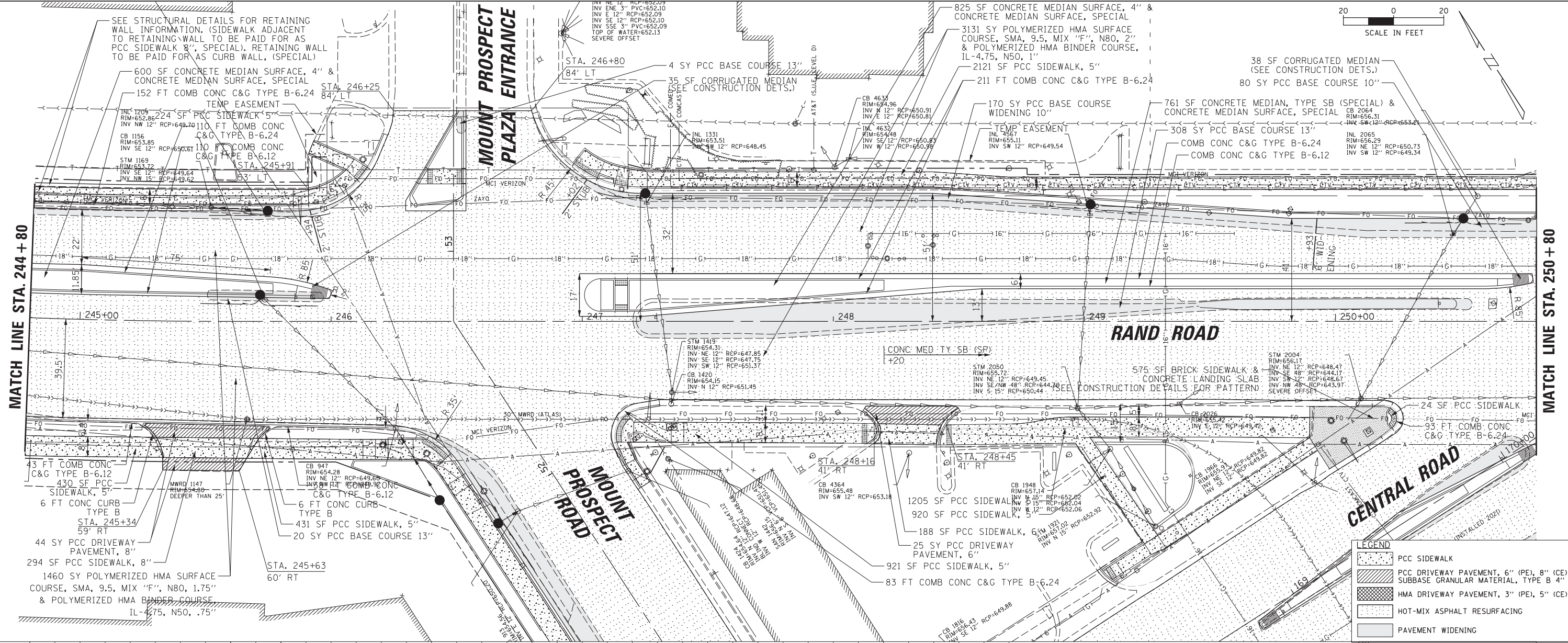
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - ETA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS PROPOSED PLAN AND PROFILE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\MOUNTPROSPECT\200015\civ11\RP4.200015	RAND.SHT	DRAWN - MG	REVISED -					334	17-00166-00-CH	COOK	264	34
Default	PLOT SCALE = 28'	CHECKED -	REVISED -					CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/4/2022	DATE - 1/19	REVISED -									

DATE _____
BY _____
PLAN SURVEYED _____
PLOTTED _____
NOTE BOOK _____
NO. _____
CHECKED _____
DATE _____

DATE _____
BY _____
PROFILE SURVEYED _____
PLOTTED _____
NOTE BOOK _____
NO. _____
CHECKED _____
DATE _____



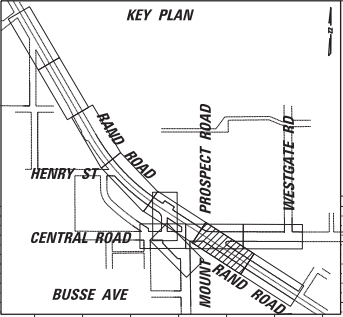
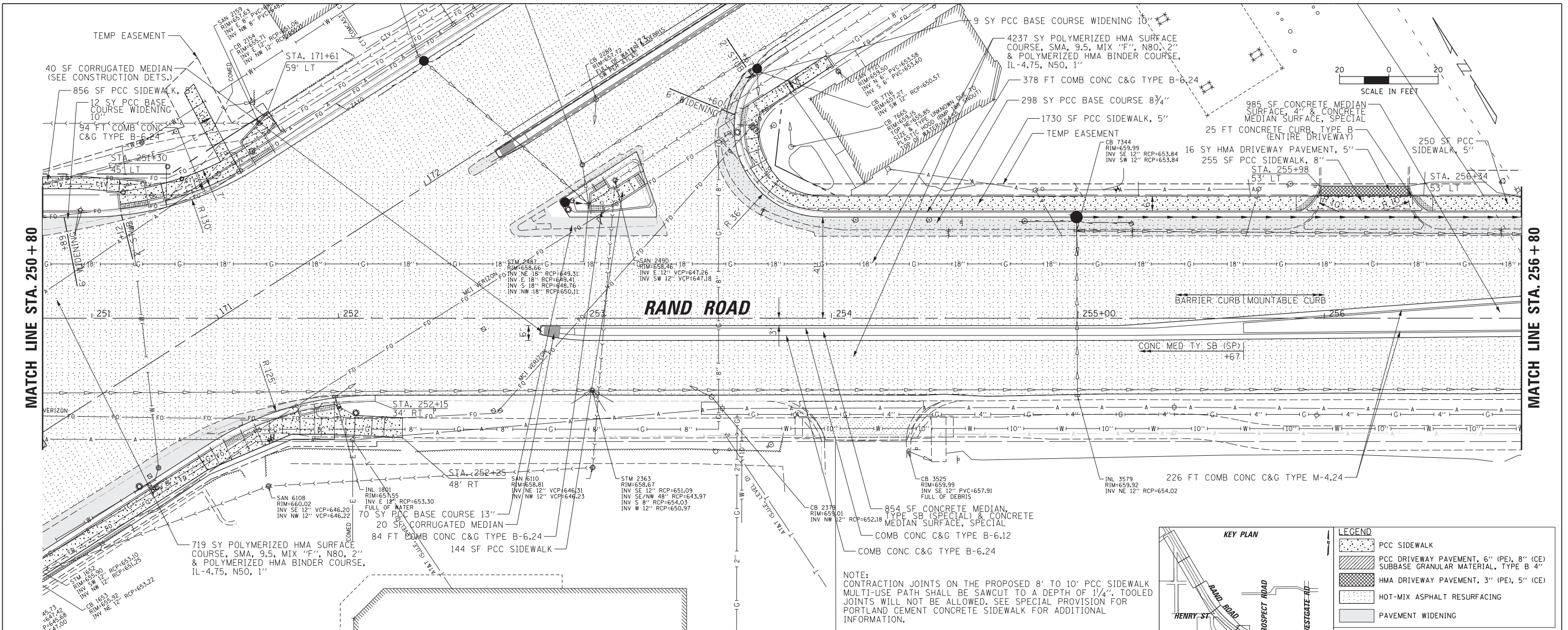
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PLOT SCALE = 20'		CHECKED -	REVISOR -	SCALE: 1:20		SHEET 5 OF 12 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/4/2022		DATE - 1/19	REVISED -	CONTRACT NO. 61H44						

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 ALIGNED _____
 CHECKED _____
 NOTE BOOK _____
 NO. _____

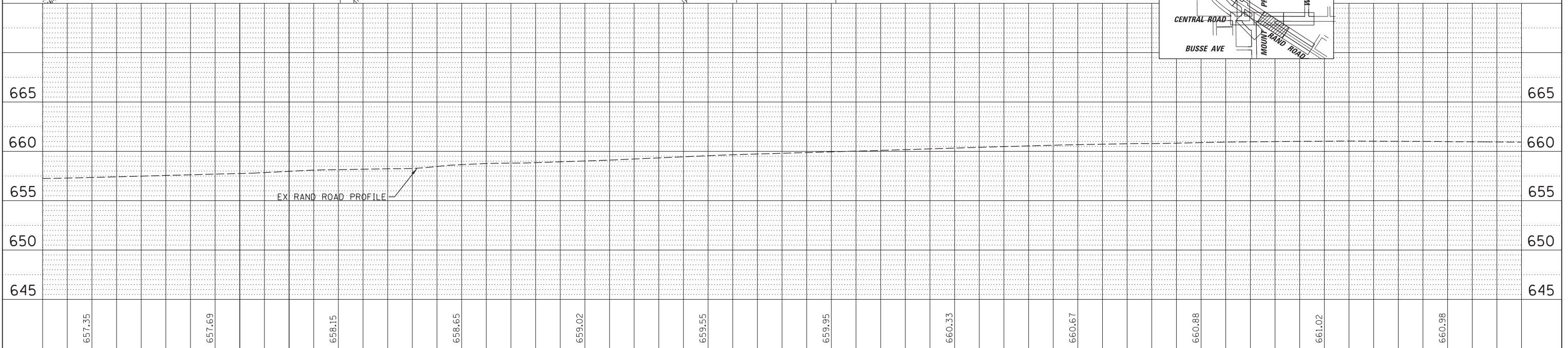
DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 GRADES CHECKED _____
 CHECKED _____
 NOTE BOOK _____
 NO. _____

MATCH LINE STA. 250 + 80

MATCH LINE STA. 256 + 80



LEGEND	
	PCC SIDEWALK
	PCC DRIVEWAY PAVEMENT, 6" (PE), 8" (CE) SUBBASE GRANULAR MATERIAL, TYPE B 4"
	HMA DRIVEWAY PAVEMENT, 3" (PE), 5" (CE)
	HOT-MIX ASPHALT RESURFACING
	PAVEMENT WIDENING



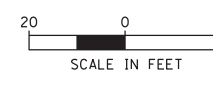
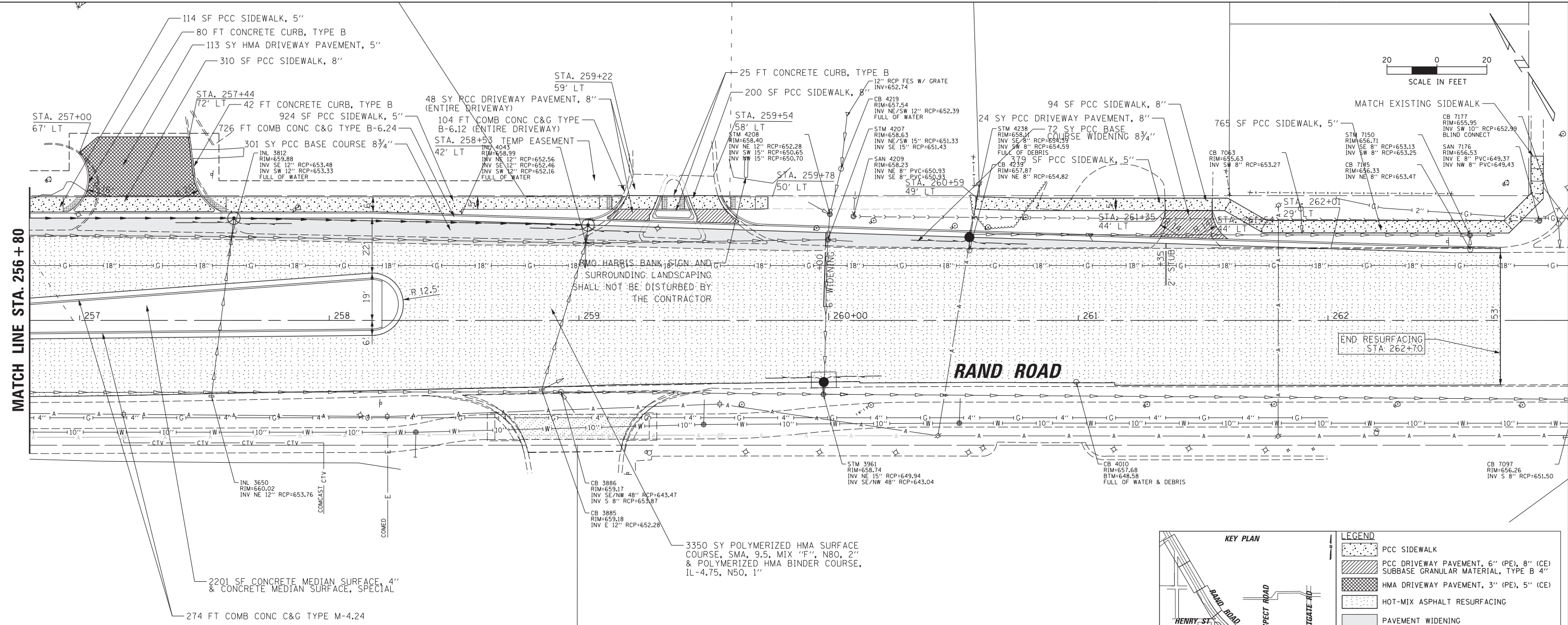
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PLOT SCALE = 28'	CHECKED -	REVISIED -	REVISIED -		SCALE: 1:20	SHEET 6 OF 12 SHEETS	STA. TO STA.	CONTRACT NO. 61H44		ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/4/2022	DATE = 1/19	REVISIED -	REVISIED -									

DATE	BY

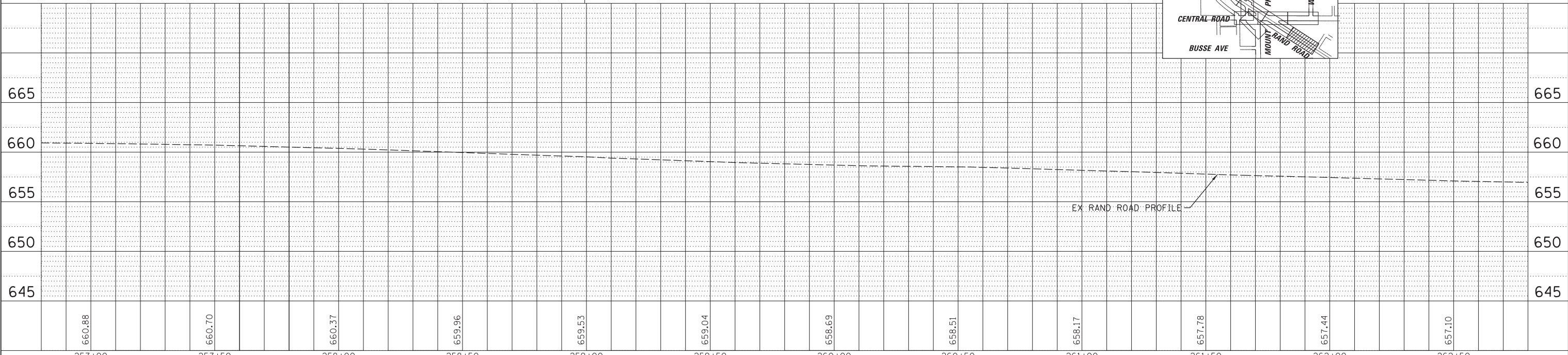
PLAN	SURVEYED	CHECKED

DATE	BY

PROFILE	SURVEYED	CHECKED



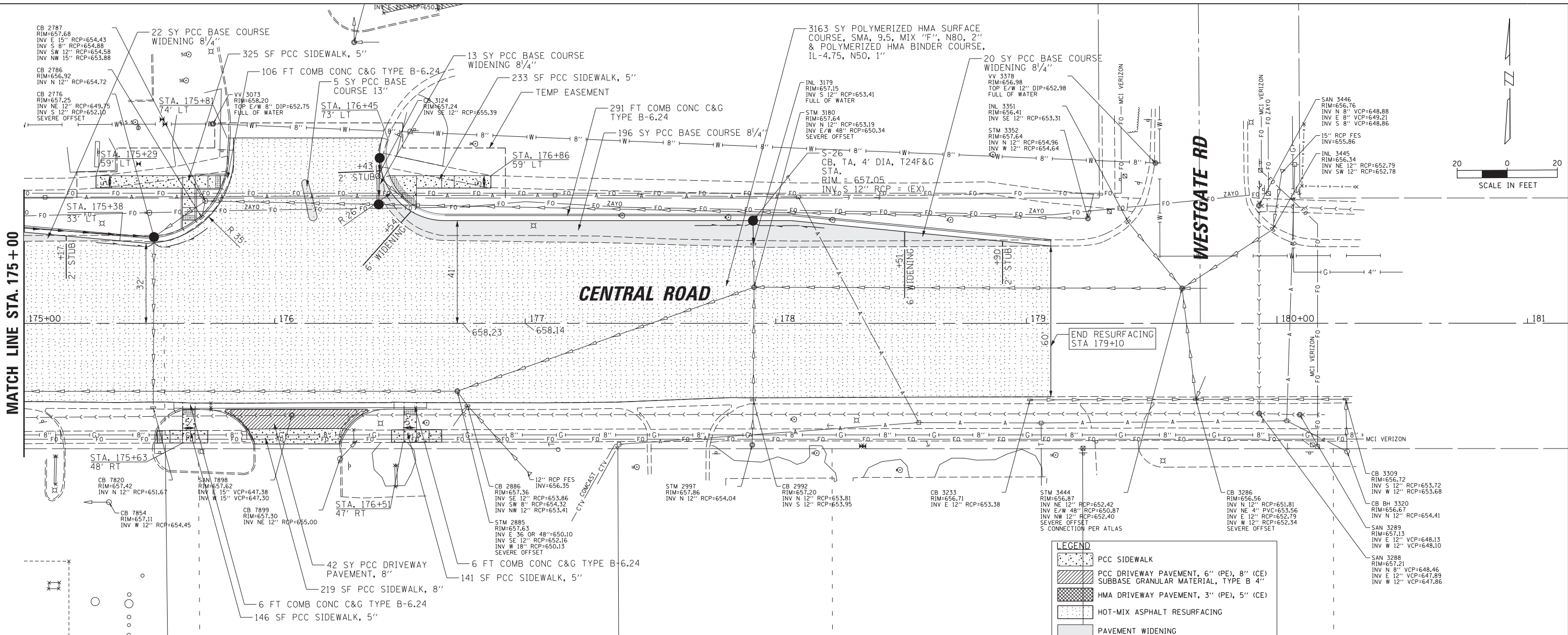
LEGEND	
[Pattern]	PCC SIDEWALK
[Pattern]	PCC DRIVEWAY PAVEMENT, 6" (PE), 8" (CE) SUBBASE GRANULAR MATERIAL, TYPE B 4"
[Pattern]	HMA DRIVEWAY PAVEMENT, 3" (PE), 5" (CE)
[Pattern]	HOT-MIX ASPHALT RESURFACING
[Pattern]	PAVEMENT WIDENING



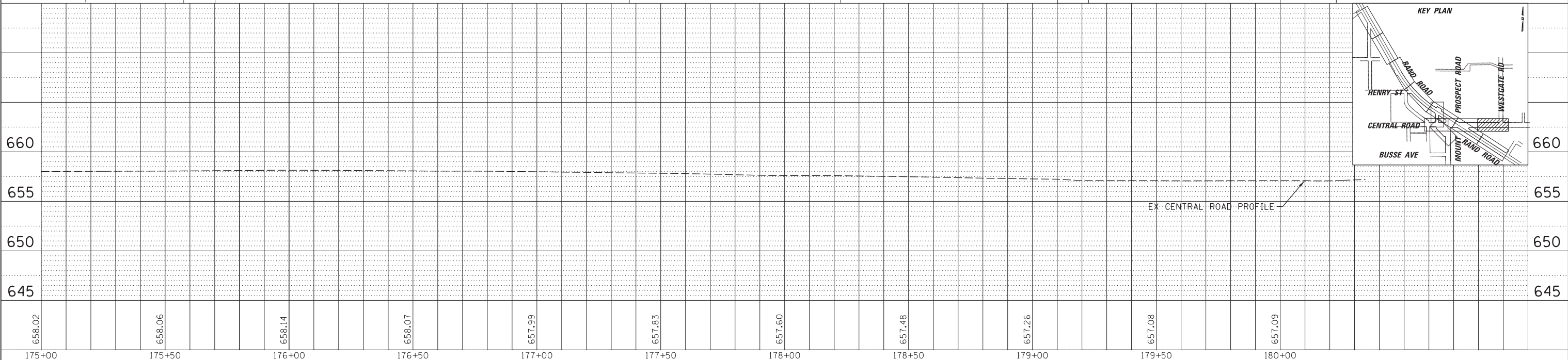
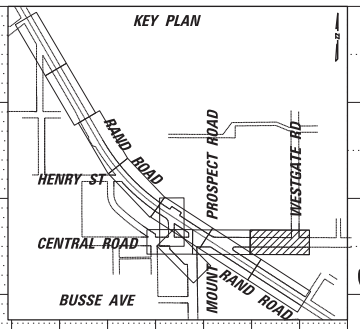
FILE NAME =	USER NAME = rhowellindgren	DESIGNED - ETA	REVISED -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\MOUNTPROSPECT\200015\Civ1\1\RP7_200015	RAND.SHT	DRAWN - MG	REVISED -	334	17-00166-00-CH	COOK	264	37
Default	PLOT SCALE = 28'	CHECKED -	REVISED -	SCALE: 1:20	SHEET 7 OF 12 SHEETS	CONTRACT NO. 61H44		
	PLOT DATE = 5/4/2022	DATE - 1/19	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS	ILLINOIS FED. AID PROJECT		

DATE	BY

DATE	BY



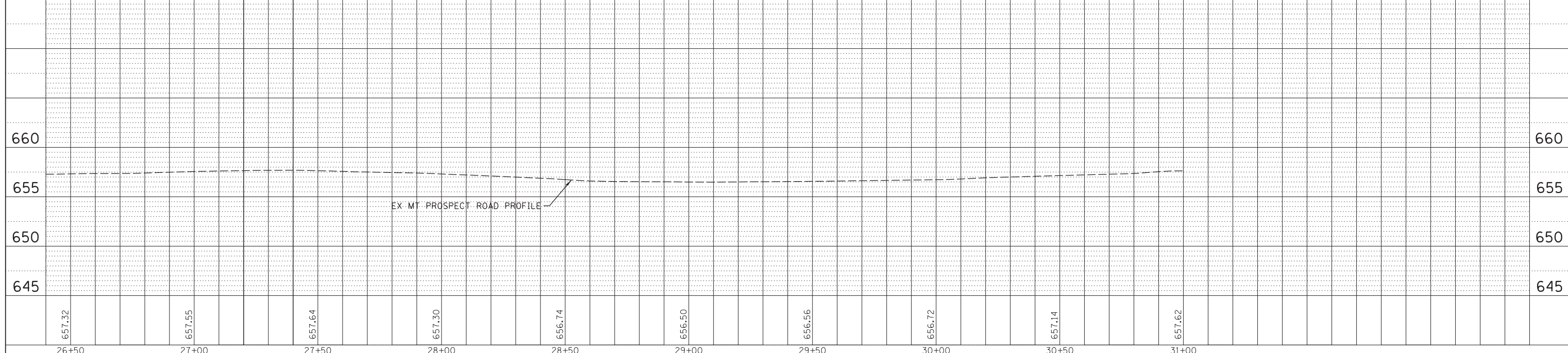
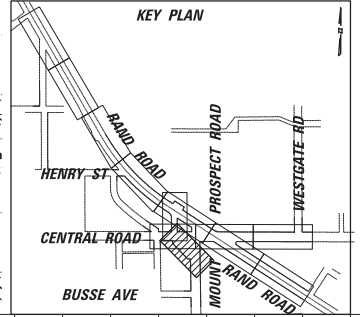
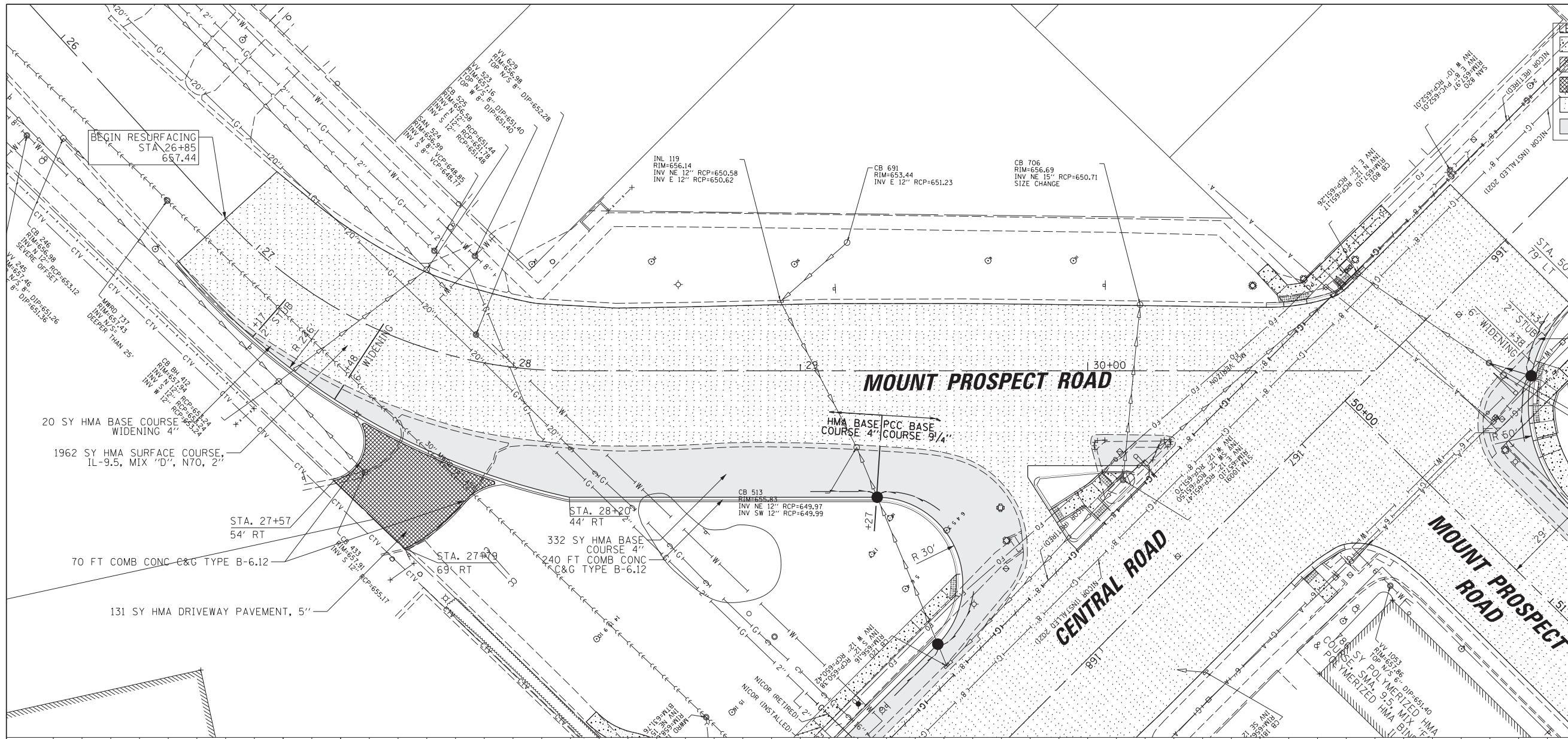
LEGEND	
[Symbol]	PCC SIDEWALK
[Symbol]	PCC DRIVEWAY PAVEMENT, 6" (PE), 8" (CE)
[Symbol]	SUBBASE GRANULAR MATERIAL, TYPE B 4"
[Symbol]	HMA DRIVEWAY PAVEMENT, 3" (PE), 5" (CE)
[Symbol]	HOT-MIX ASPHALT RESURFACING
[Symbol]	PAVEMENT WIDENING



FILE NAME = N:\MOUNTPROSPECT\200015\Civil1\RP10_200015_CENTRAL_SHT	USER NAME = rhowellndgren	DESIGNED - ETA	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS PROPOSED PLAN AND PROFILE	F.A.P. RTE. = 334	SECTION = 17-00166-00-CH	COUNTY = COOK	TOTAL SHEETS = 264	SHEET NO. = 40
PLOT SCALE = 28'	CHECKED -	REVISIONS -	SCALE: 1:20		SHEET 10 OF 12 SHEETS	STA. TO STA.	CONTRACT NO. 61H44		ILLINOIS FED. AID PROJECT
PLOT DATE = 5/4/2022	DATE = 1/19	REVISIONS -							

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

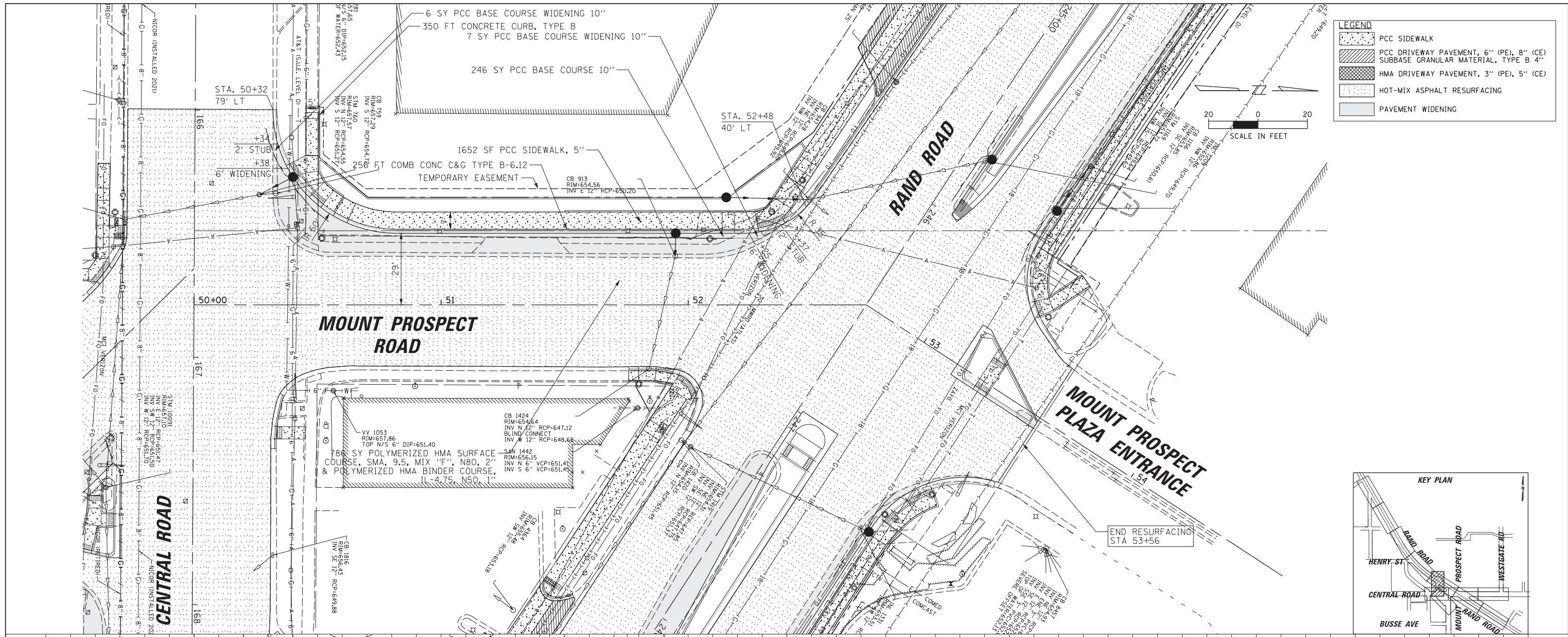
PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



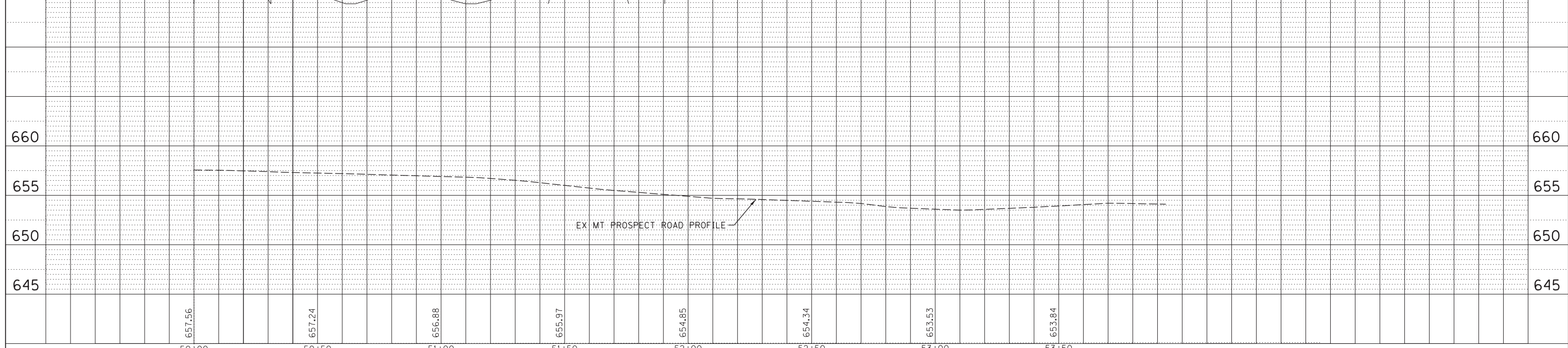
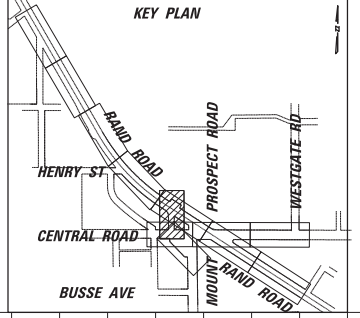
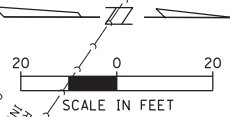
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N:\MOUNTPROSPECT\200015\Civ11\RP11.200015	MTPROS.SHT	DRAWN - MG	REVISED -			334	17-00166-00-CH	COOK	264	41
Default	PLOT SCALE = 28'	CHECKED -	REVISED -			CONTRACT NO. 61H44				
	PLOT DATE = 5/4/2022	DATE - 1/19	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	

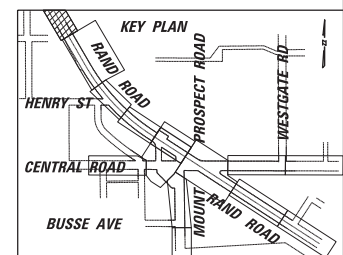
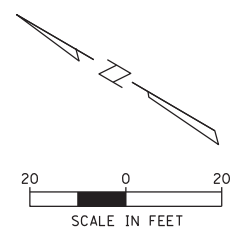
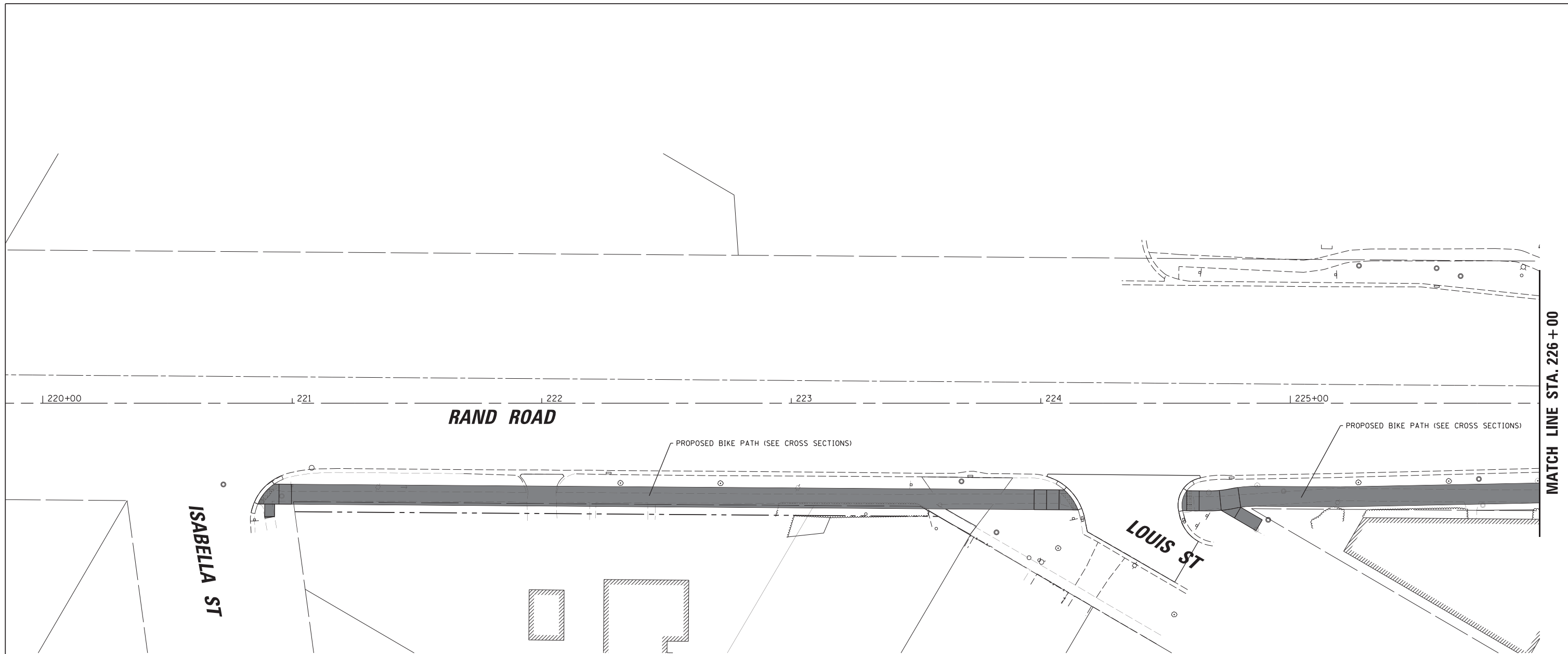
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	



LEGEND	
[Pattern]	PCC SIDEWALK
[Pattern]	PCC DRIVEWAY PAVEMENT, 6" (PE), 8" (CE) SUBBASE GRANULAR MATERIAL, TYPE B 4"
[Pattern]	HMA DRIVEWAY PAVEMENT, 3" (PE), 5" (CE)
[Pattern]	HOT-MIX ASPHALT RESURFACING
[Pattern]	PAVEMENT WIDENING



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - ETA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS PROPOSED PLAN AND PROFILE				F.A.P. RTE. 334	SECTION 17-00166-00-CH	COUNTY COOK	TOTAL SHEETS 264	SHEET NO. 42
	PLOT SCALE = 20'	CHECKED -	REVISED -					SCALE: 1:20				SHEET 12 OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 61H44	
	PLOT DATE = 5/4/2022	DATE - 1/19	REVISED -									ILLINOIS FED. AID PROJECT				



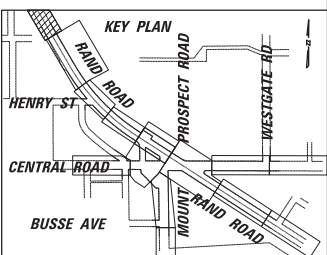
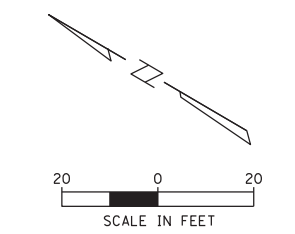
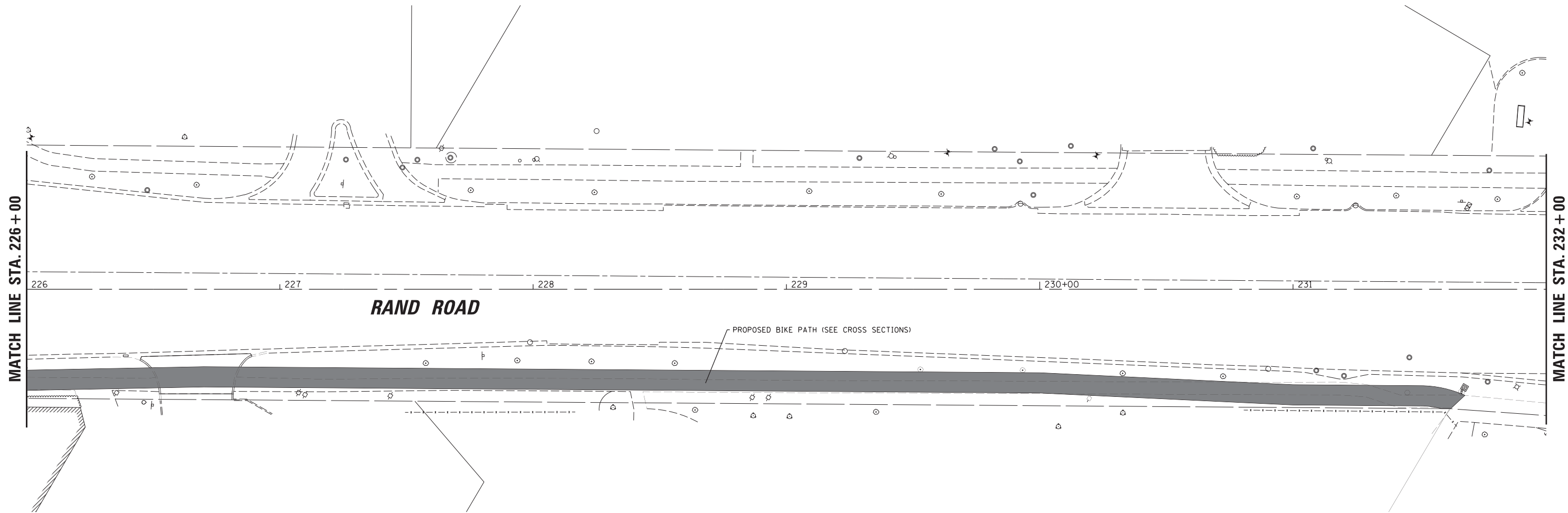
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
ROADWAY GRADING PLANS**

SCALE: 1:20 SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	43
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				



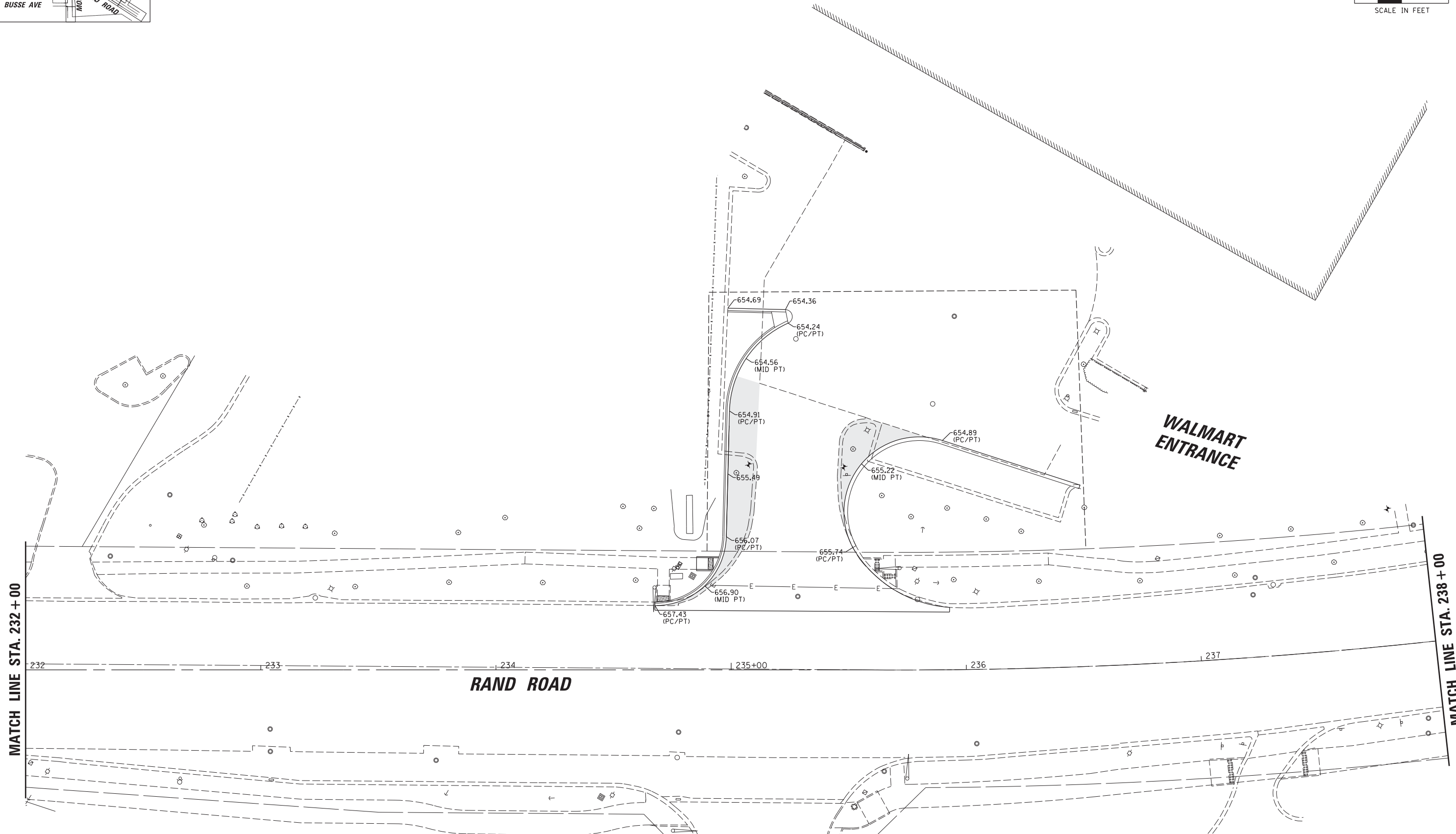
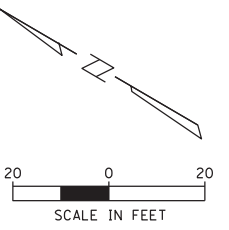
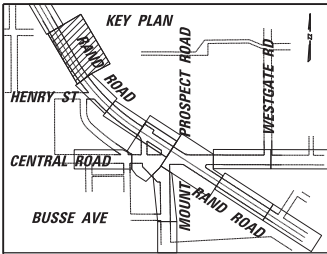
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Default	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
ROADWAY GRADING PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	44
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				

SCALE: 1:20 SHEET 2 OF 10 SHEETS STA. TO STA.



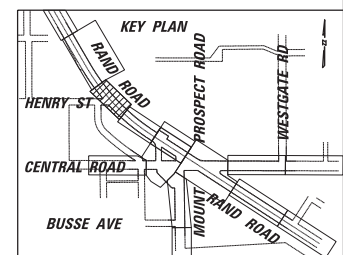
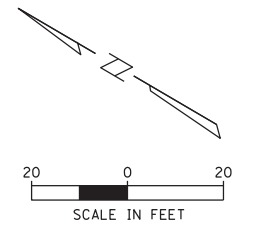
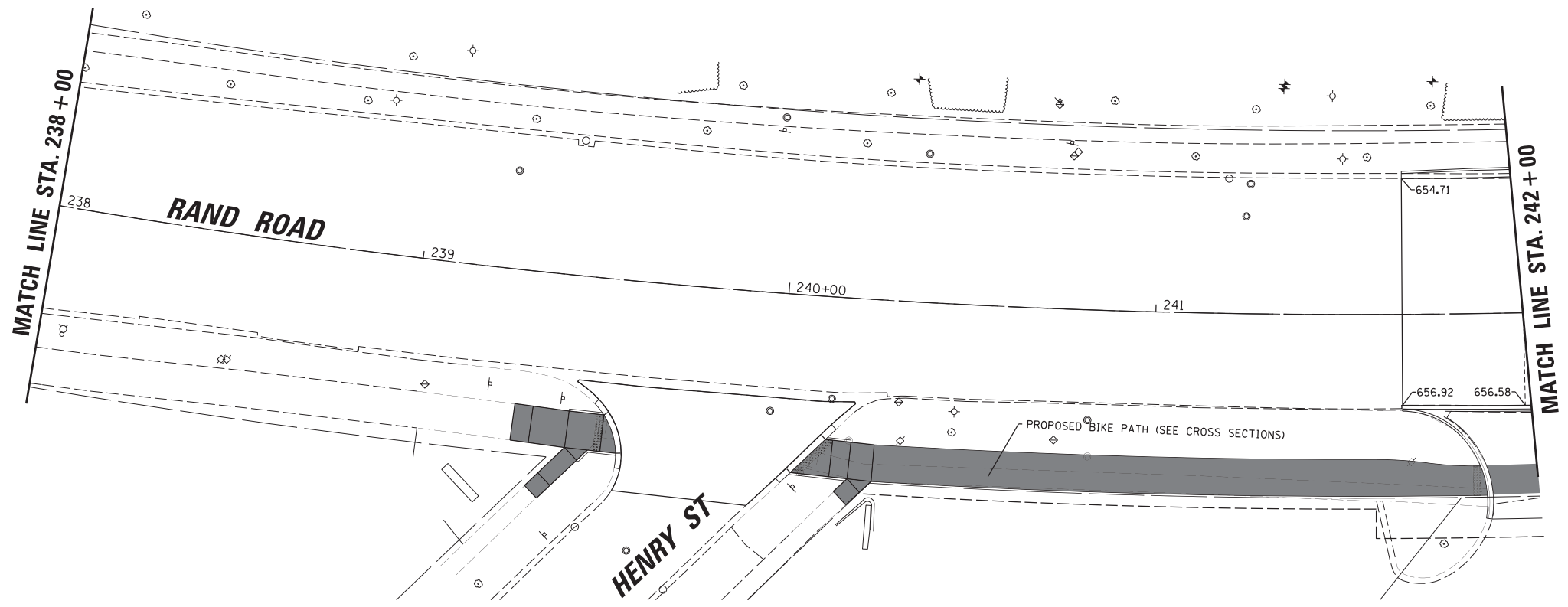
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
ROADWAY GRADING PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H44	

SCALE: 1:20 SHEET 3 OF 10 SHEETS STA. TO STA.



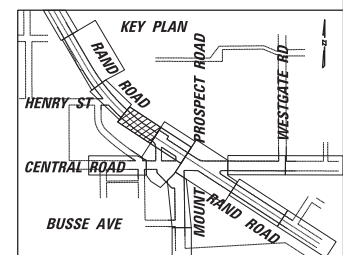
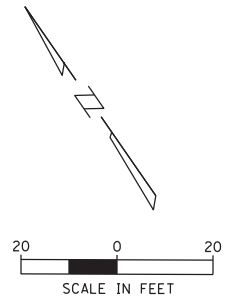
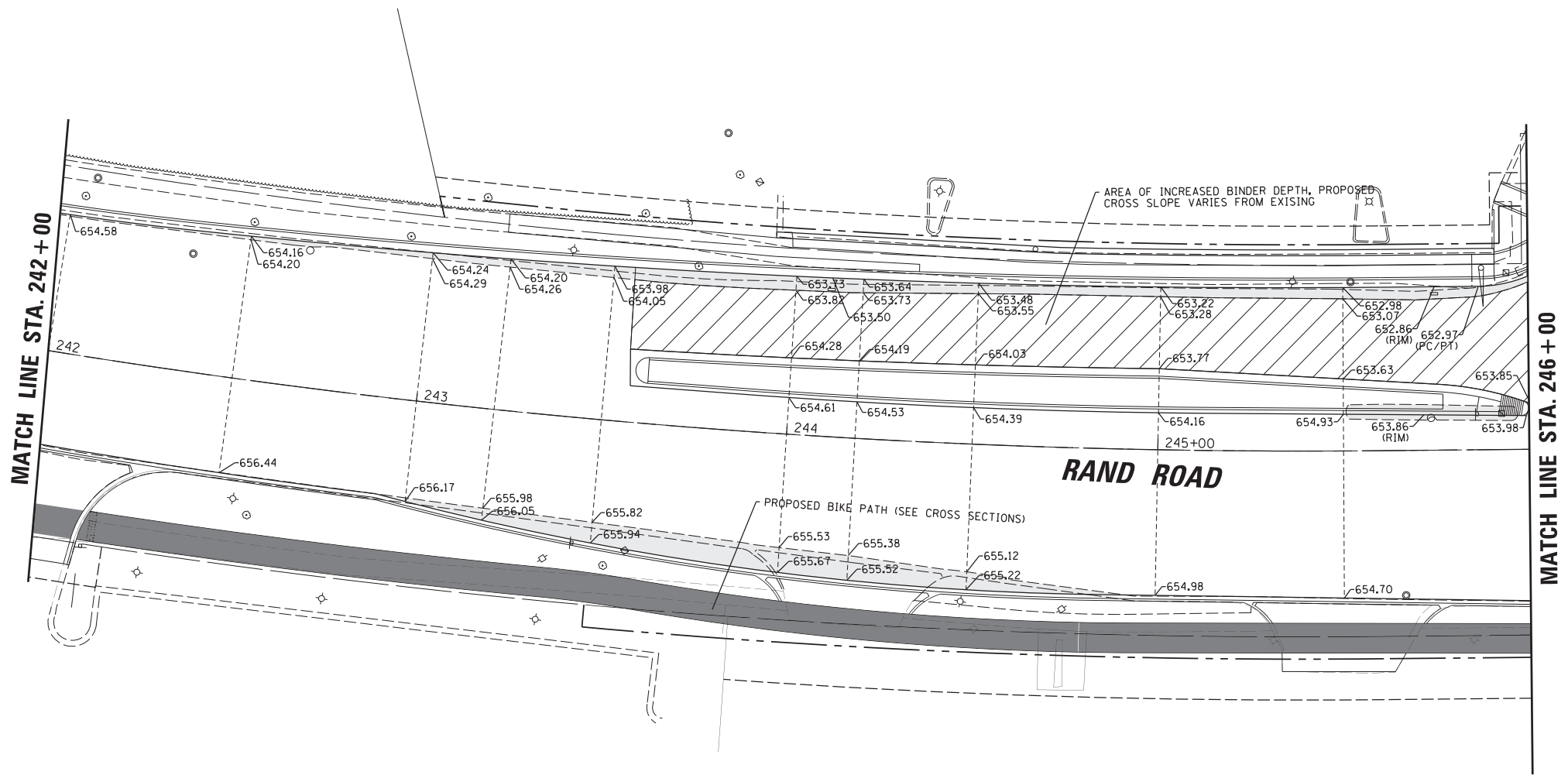
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
ROADWAY GRADING PLANS**

SCALE: 1:20 SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	46
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	



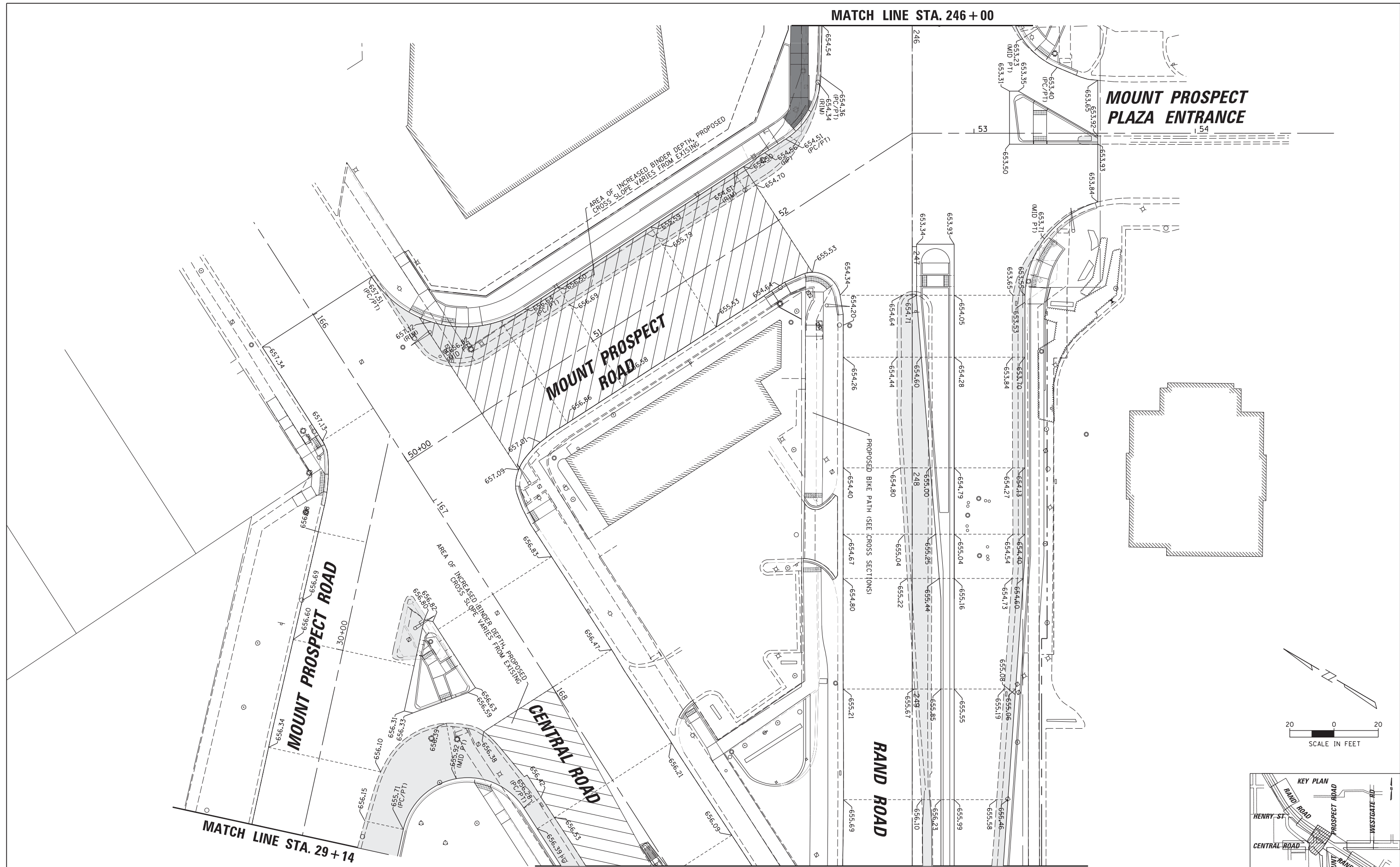
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
ROADWAY GRADING PLANS**

SCALE: 1:20 SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	47
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				



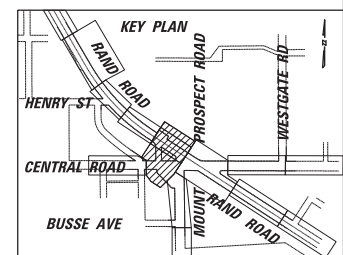
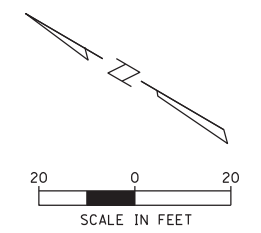
**MOUNT PROSPECT
PLAZA ENTRANCE**

**MOUNT PROSPECT
ROAD**

**MOUNT PROSPECT
ROAD**

**CENTRAL
ROAD**

**RAND
ROAD**



FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

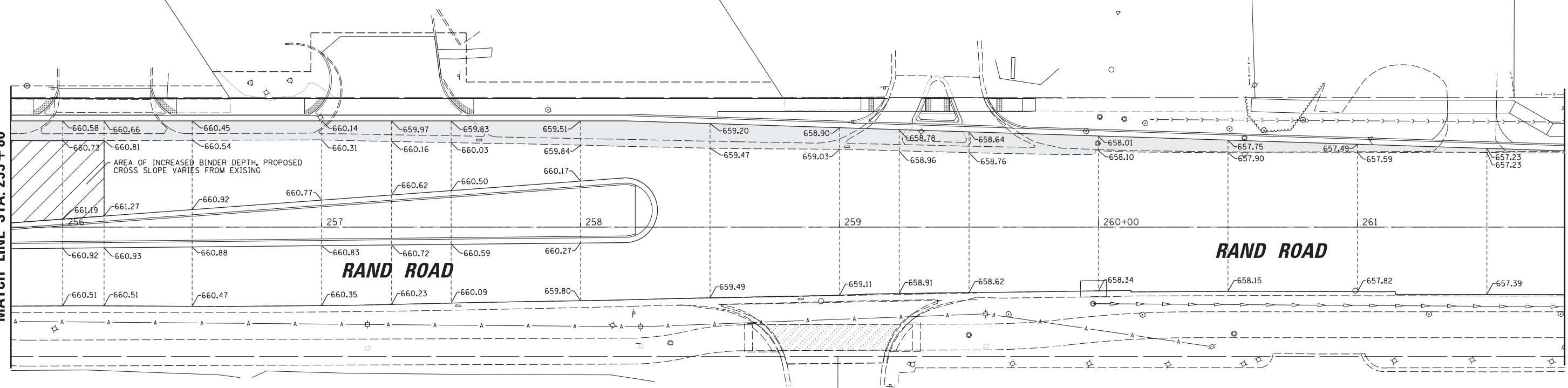
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS			
ROADWAY GRADING PLANS			
SCALE: 1:20	SHEET 6 OF 10 SHEETS	STA.	TO STA.

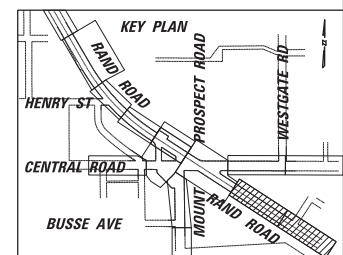
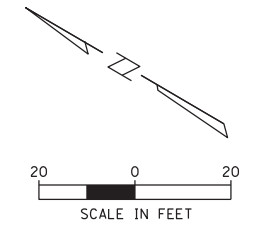
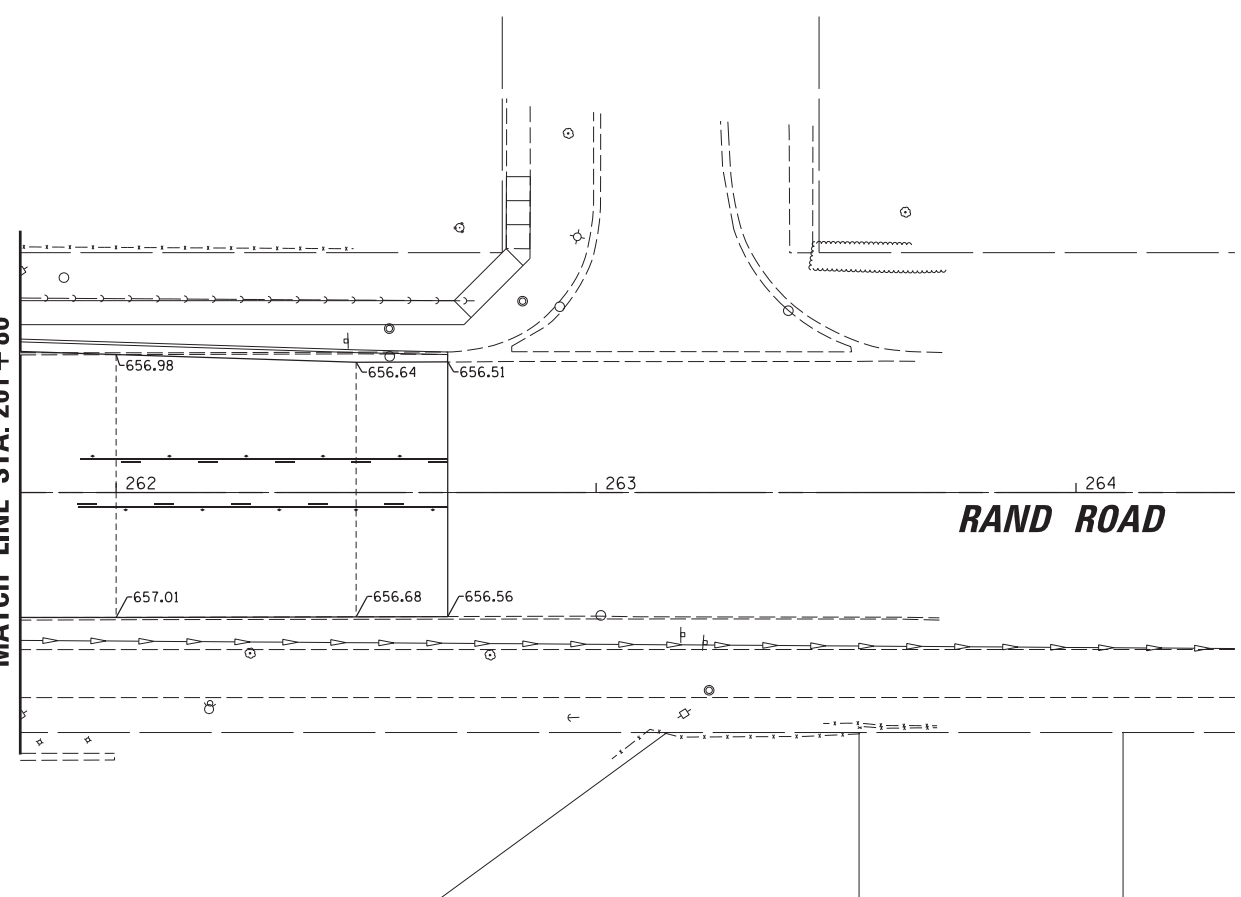
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	48
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 255 + 80

MATCH LINE STA. 261 + 80



MATCH LINE STA. 261 + 80



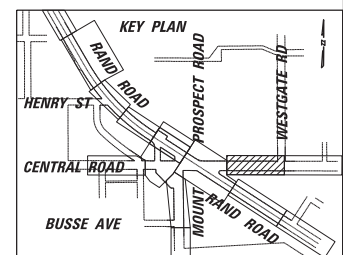
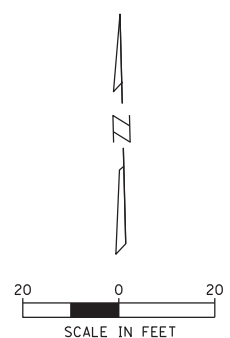
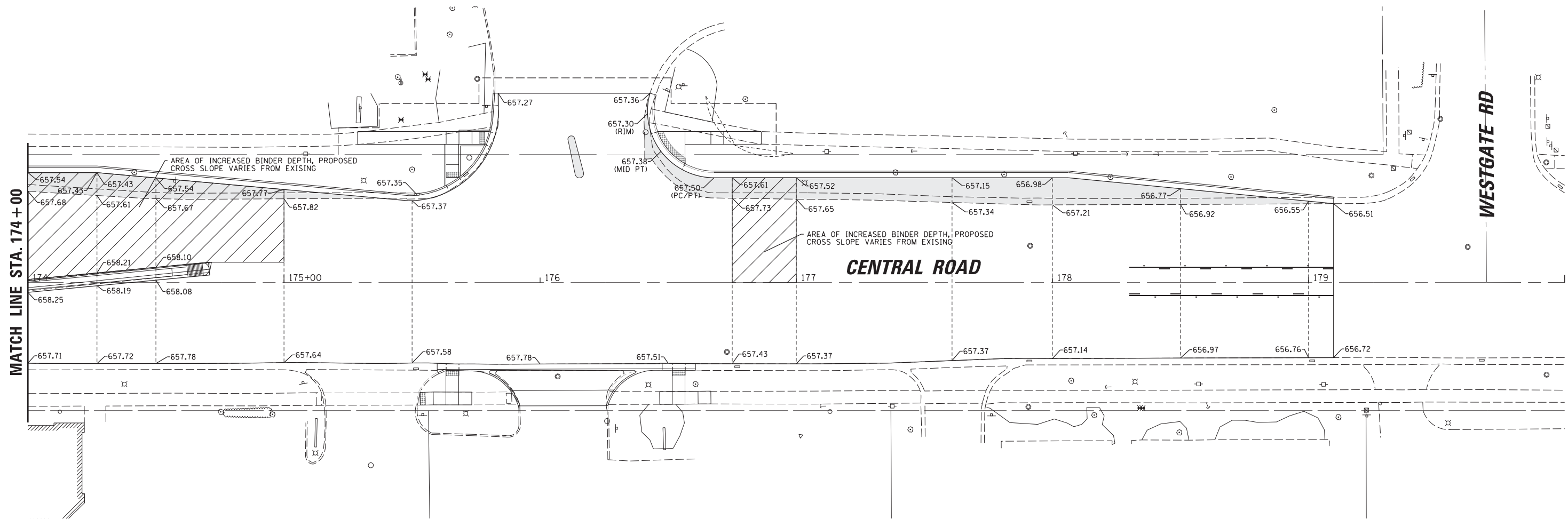
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
ROADWAY GRADING PLANS**

SCALE: 1:20 SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	50
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



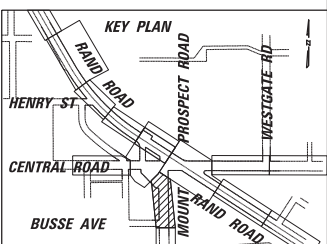
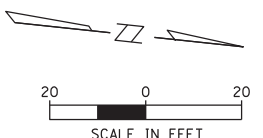
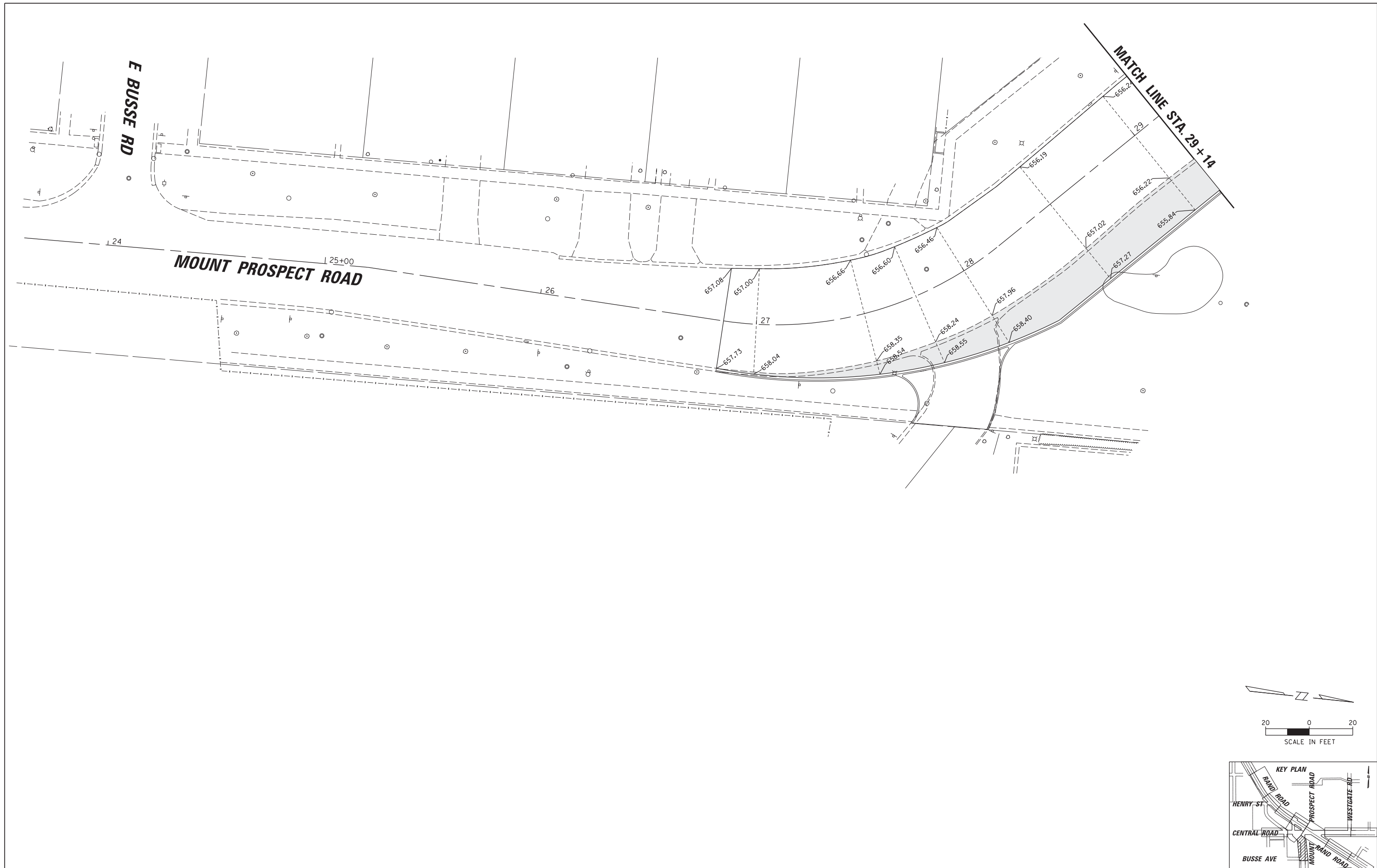
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
ROADWAY GRADING PLANS**

SCALE: 1:20 SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	51
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				



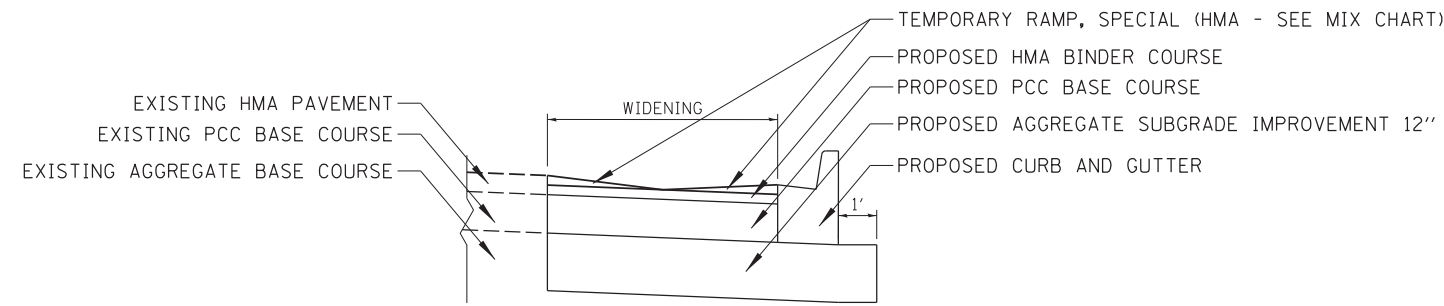
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
ROADWAY GRADING PLANS**

SCALE: 1:20 SHEET 10 OF 10 SHEETS STA. TO STA.

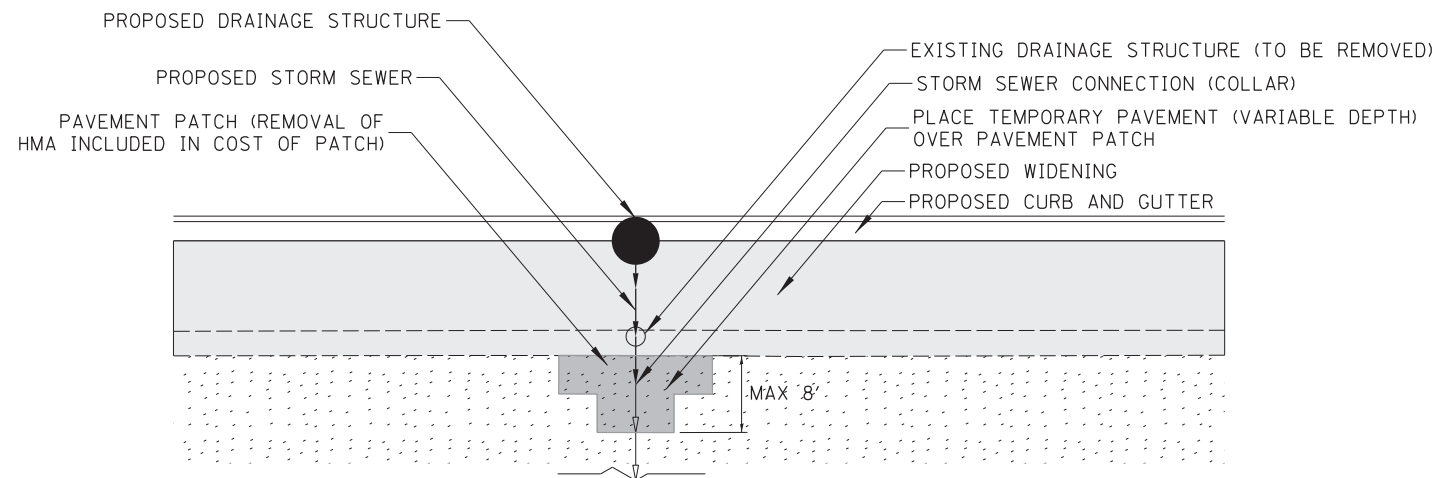
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	52
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	



TEMPORARY RAMP, SPECIAL DETAIL

CONTRACTOR SHALL CONSTRUCT TEMPORARY RAMP, SPECIAL USING THE FOLLOWING SEQUENCE:

1. POUR THE PCC BASE COURSE/PCC BASE COURSE WIDENING
2. PLACE HMA BINDER COURSE AT PROPOSED DEPTH
3. PLACE TEMPORARY RAMP, SPECIAL (PAID FOR BY SY) ALONG ALL WIDENING LOCATIONS AT A SLOPE OF 1' HORIZONTAL TO 1" VERTICAL



TEMPORARY PAVEMENT (VARIABLE DEPTH)

CONTRACTOR SHALL CONSTRUCT TEMPORARY PAVEMENT (VARIABLE DEPTH) USING THE FOLLOWING SEQUENCE:

1. REMOVE EXISTING PAVEMENT
2. COMPLETE PROPOSED DRAINAGE IMPROVEMENTS
3. PATCH PAVEMENT
4. PLACE TEMPORARY PAVEMENT (VARIABLE DEPTH) TO MATCH ADJACENT HMA PAVEMENT

GENERAL NOTES

1. THE CONTRACTOR SHALL PLACE ONE CHANGEABLE MESSAGE SIGN ON BOTH ENDS OF THE CONSTRUCTION ZONE ALONG RAND ROAD, CENTRAL ROAD AND MOUNT PROSPECT ROAD FOLLOWING IDOT AND IDOT-DISTRICT 1 STANDARDS. THIS WORK SHALL BE COMPLETED SEVEN DAYS BEFORE CONSTRUCTION BEGINS TO INFORM MOTORISTS OF THE START OF CONSTRUCTION. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT OTHER LOCATIONS DURING CONSTRUCTION AT THE DISCRETION OF THE ENGINEER. THE ENGINEER WILL DETERMINE THE MESSAGE(S) TO BE SHOWN.
2. THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 1 TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
3. ROADWORK REQUIRING A CLOSURE OF A LANE, WHICH HAS BEEN OPENED PREVIOUSLY TO TRAFFIC, WILL BE ALLOWED AT THE DISCRETION OF THE ENGINEER AND UNDER THE FOLLOWING CONDITIONS:
 - a. THE LANE CLOSURE SHALL ONLY BE IN EFFECT WHILE WORKERS ARE PRESENT IN OR NEAR THE CLOSED LANE.
 - b. THE CLOSED LANE WILL BE REOPENED TO TRAFFIC AT THE END OF THE WORKDAY.
 - c. ALL TRAFFIC CONTROL DEVICES PERTAINING TO THE LANE CLOSURE SHALL BE REMOVED FROM THE ROADWAY AT THE END OF THE WORKDAY.
4. ALL AREAS UNDERCUT FOR AGGREGATE SUBGRADE IMPROVEMENT SHALL NOT BE LEFT UNFILLED OVERNIGHT. DROP-OFFS GREATER THAN 24 INCHES SHALL NOT BE LEFT UNFILLED OVERNIGHT.
5. DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF "TEMPORARY ACCESS (PRIVATE ENTRANCE)" AND "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)". COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED IN STAGES, ONE HALF AT A TIME.
6. UTILITY TRENCHES SHALL BE COVERED OR FILLED AT THE END OF EACH DAY.
7. SPACING OF TYPE II BARRICADES, DRUMS OR VERTICAL BARRICADES SHALL BE AS FOLLOWS: 50' C-C ON TANGENTS, 20' C-C ON TAPERS/SHIFTS, 10' C-C AROUND RADII.
8. ALL SIGNAGE TO BE IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). MAINTENANCE OF TRAFFIC SHOWN IS THE MINIMUM REQUIRED; THE CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL MEASURES AS DIRECTED BY THE ENGINEER.
9. ANY SIDEWALK CLOSURES SHALL BE COMPLETED IN ACCORDANCE WITH HIGHWAY STANDARD 701801.
10. THE HMA SURFACE COURSE SHALL NOT BE PLACED UNTIL THE END OF THE PROJECT.

TRAFFIC STAGING PLAN PRE-STAGE

1. CONSTRUCTION - INSTALL TEMPORARY TRAFFIC SIGNALS AND TEMPORARY ROADWAY LIGHTING. REMOVE EXISTING TRAFFIC SIGNALS. REMOVE EXISTING ROADWAY LIGHTING THAT WILL CONFLICT WITH ROADWAY WIDENING.
2. TRAFFIC CONTROL - DAYTIME CLOSURES SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 701601, 701602, 701606 AND 701701. ALL LANES SHALL BE OPENED AT THE END OF EACH WORKDAY.

STAGE 1

1. CONSTRUCTION - REMOVE THE TWO MEDIANS ON RAND ROAD, NORTH OF CENTRAL ROAD. ALSO REMOVE THE ISLAND ON THE SOUTHEAST CORNER OF RAND ROAD AND CENTRAL ROAD. PLACE PCC BASE COURSE IN THE RESULTING OPENINGS TO MATCH EXISTING SURROUNDING PAVEMENT. TIE BARS SHALL BE USED TO TIE THE PROPOSED PCC BASE COURSE TO THE EXISTING PAVEMENT. SEE THE PAVEMENT DETAILS IN THE PLANS FOR ADDITIONAL INFORMATION.
2. TRAFFIC CONTROL - NARROW LANES ON THE NORTH LEG OF RAND ROAD FROM 12 FEET TO 11 FEET. SHIFT TRAFFIC TO THE OUTSIDE. DAYTIME LANE CLOSURES SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 701602, 701606 AND 701701. STEEL PLATES SHALL BE PLACED OVER THE SOUTH 25 FEET OF THE SOUTH MEDIAN AND THE ENTIRE NORTH MEDIAN. THE OPEN TRENCH SHALL BE PROTECTED WITH TYPE II BARRICADES WITH LEG EXTENSIONS.

3. DURATION - THE CONTRACTOR SHALL COMPLETE ALL STAGE 1 WORK, AS LISTED ABOVE, WITHIN 14 CONSECUTIVE CALENDAR DAYS. OPEN TRENCHES WILL NOT BE ALLOWED OVER WEEKENDS.

STAGE 2

1. CONSTRUCTION - COMPLETE ALL ROADWAY WIDENING ON THE EAST SIDE OF RAND ROAD (NORTH AND SOUTH OF CENTRAL ROAD) AND NORTH SIDE OF CENTRAL ROAD (EAST OF RAND ROAD). CONSTRUCT THE ISLANDS ON THE NORTHEAST CORNER OF RAND ROAD/CENTRAL ROAD AND THE MOUNT PROSPECT PLAZA ENTRANCE AT RAND ROAD. ALSO CONSTRUCT THE CURB AND PARKING LOT MODIFICATIONS AT THE RAND ROAD/WALMART DRIVEWAY (RAND ROAD STA. 235+00). INSTALL NEW DRAINAGE STRUCTURES AND STORM SEWER EXTENSIONS, FILL DRAINAGE STRUCTURES (TO BE ABANDONED), REMOVE EXISTING CURB AND GUTTER, CONSTRUCT BASE COURSE (BASE COURSE WIDENING), PROPOSED BINDER, AND PROPOSED CURB AND GUTTER. PLACE "TEMPORARY RAMP, SPECIAL" AS PER THE DETAIL IN THE PLANS, BEFORE PROCEEDING TO STAGE 3.
2. TRAFFIC CONTROL - NARROW ALL LANES FROM 12 FEET TO 11 FEET. SHIFT TRAFFIC TO THE INSIDE, AS SHOWN IN THE PLANS. LOCATE TEMPORARY TRAFFIC SIGNAL HEADS AS PER THE TRAFFIC SIGNAL PLANS. DAYTIME LANE CLOSURES SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 701601, 701606, 701611 AND 701701. ANY DROP OFFS EXCEEDING 24 INCHES SHALL BE PROTECTED WITH TYPE II BARRICADES WITH LEG EXTENSIONS. SEE PLANS FOR ADDITIONAL DETAILS.

STAGE 3

1. CONSTRUCTION - COMPLETE ALL ROADWAY WIDENING ON THE WEST SIDE OF RAND ROAD (NORTH OF CENTRAL ROAD), SOUTH SIDE OF CENTRAL ROAD (WEST OF RAND ROAD), WEST SIDE OF MOUNT PROSPECT ROAD (SOUTH OF RAND ROAD) AND EAST SIDE OF MOUNT PROSPECT ROAD (SOUTH OF CENTRAL ROAD). REMOVE AND REPLACE THE ISLAND ON THE SOUTHEAST CORNER OF CENTRAL ROAD AT MOUNT PROSPECT ROAD. REMOVE THE MEDIAN ON CENTRAL ROAD, WEST OF RAND ROAD. PLACE BASE COURSE IN THE RESULTING OPENING TO MATCH EXISTING SURROUNDING PAVEMENT. TIE BARS SHALL BE USED TO TIE THE PROPOSED PCC BASE COURSE TO THE EXISTING PAVEMENT. SEE THE PAVEMENT DETAILS IN THE PLANS FOR ADDITIONAL INFORMATION. INSTALL NEW DRAINAGE STRUCTURES AND STORM SEWER EXTENSIONS, FILL DRAINAGE STRUCTURES (TO BE ABANDONED), REMOVE EXISTING CURB AND GUTTER, CONSTRUCT BASE COURSE (BASE COURSE WIDENING), PROPOSED BINDER, AND PROPOSED CURB AND GUTTER. PLACE "TEMPORARY RAMP, SPECIAL" AS PER THE DETAIL IN THE PLANS.
2. TRAFFIC CONTROL - NARROW ALL LANES ON RAND ROAD FROM 12 FEET TO 11 FEET. SHIFT TRAFFIC TO THE INSIDE, AS SHOWN IN THE PLANS. LOCATE TEMPORARY TRAFFIC SIGNAL HEADS AS PER THE TRAFFIC SIGNAL PLANS. WORK ON THE SOUTH SIDE OF CENTRAL ROAD, BETWEEN MOUNT PROSPECT ROAD AND CENTRAL ROAD, SHALL BE ACCOMPLISHED WITH DAYTIME LANE CLOSURES. DAYTIME LANE CLOSURES SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 701601, 701606, 701611 AND 701701. ANY DROP OFFS EXCEEDING 24 INCHES SHALL BE PROTECTED WITH TYPE II BARRICADES WITH LEG EXTENSIONS. SEE PLANS FOR ADDITIONAL DETAILS.

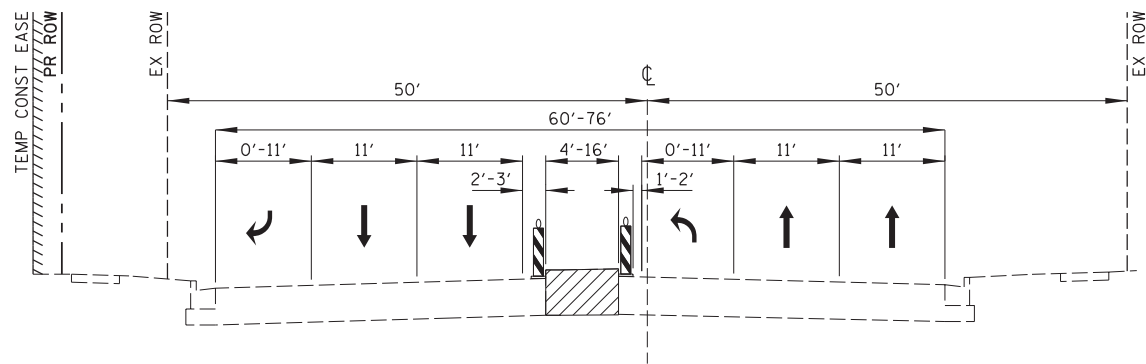
STAGE 4

1. CONSTRUCTION - REMOVE PAVEMENT AND CONSTRUCT ALL PROPOSED MEDIANS ON RAND ROAD AND CENTRAL ROAD (WEST OF RAND ROAD). REMOVE EXISTING MEDIAN ON CENTRAL ROAD, EAST OF RAND ROAD, AND CONSTRUCT NEW MEDIAN.
2. TRAFFIC CONTROL - DAYTIME LANE CLOSURES SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 701601, 701602, 701606 AND 701701. ANY DROP OFFS SHALL BE PROTECTED WITH TYPE II BARRICADES WITH LEG EXTENSIONS.

STAGE 5

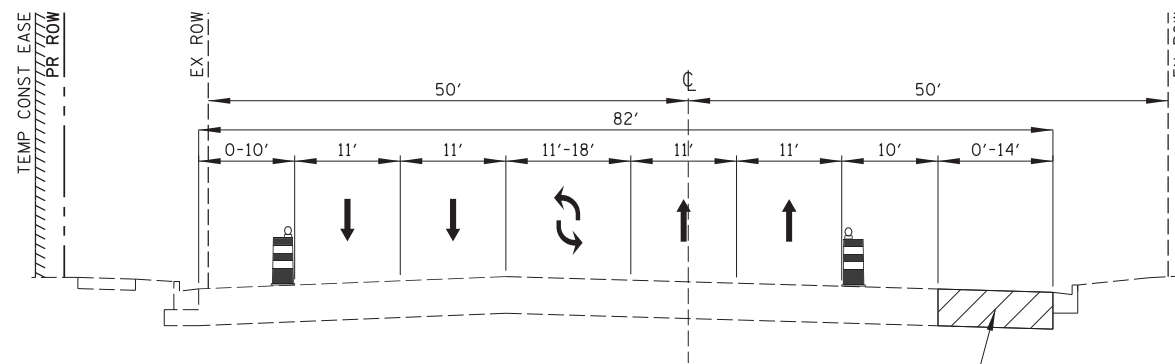
1. CONSTRUCTION - COMPLETE HMA SURFACE REMOVAL, PAVEMENT PATCHING, ADJUSTMENT OF STRUCTURES, HMA BINDER AND SURFACE COURSES, FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS. ALSO INSTALL AND ENERGIZE PERMANENT TRAFFIC SIGNALS AND ROADWAY LIGHTING.
2. TRAFFIC CONTROL - DAYTIME LANE CLOSURES SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 701427, 701601, 701602, 701606, 701611 AND 701701.

FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS MOT GENERAL NOTES AND DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 5/4/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 1:10	SHEET 1 OF 15 SHEETS	STA.	TO STA.			



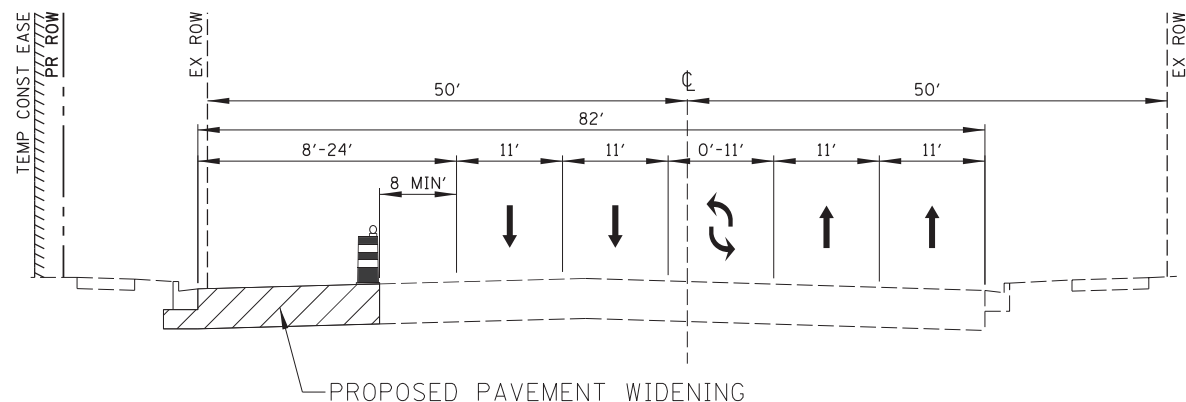
TYPICAL SECTION – STAGE 1

RAND ROAD
STA. 245+50 TO STA. 250+55



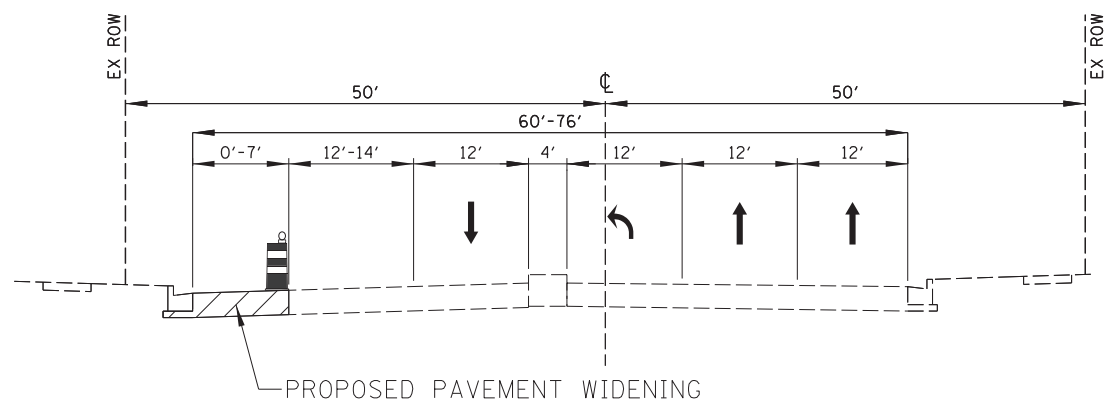
TYPICAL SECTION – STAGE 3

RAND ROAD
STA. 240+50 TO STA. 262+00



TYPICAL SECTION – STAGE 2

RAND ROAD
STA. 241+67 TO STA. 262+60



TYPICAL SECTION – STAGE 2

CENTRAL ROAD
STA. 171+55 TO STA. 179+25

LEGEND

① PAVEMENT MARKING: WHITE (SEE M.O.T. PLAN SHEETS)	Ⓟ TEMPORARY PAVEMENT MARKING	Ⓐ EXISTING ROADWAY
② PAVEMENT MARKING: YELLOW (SEE M.O.T. PLAN SHEETS)	Ⓣ PAVEMENT MARKING TAPE TYPE III	▨ WORK ZONE
③ VERTICAL BARRICADE, TYPE II BARRICADE, OR DRUM W/ STEADY BURN BI-DIRECTIONAL LIGHTS		▧ SUBSTAGE WORK ZONE
④ PROPOSED ROADWAY (CONSTRUCTED IN PREVIOUS STAGE)		▩ TEMPORARY PAVEMENT








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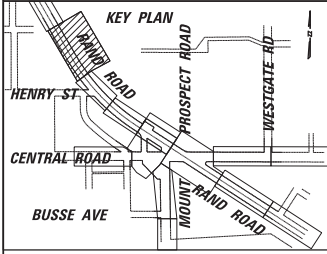
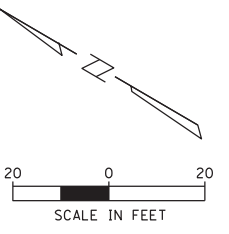
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
MOT TYPICAL SECTIONS**

SCALE: 1:10 SHEET 2 OF 15 SHEETS STA. TO STA.

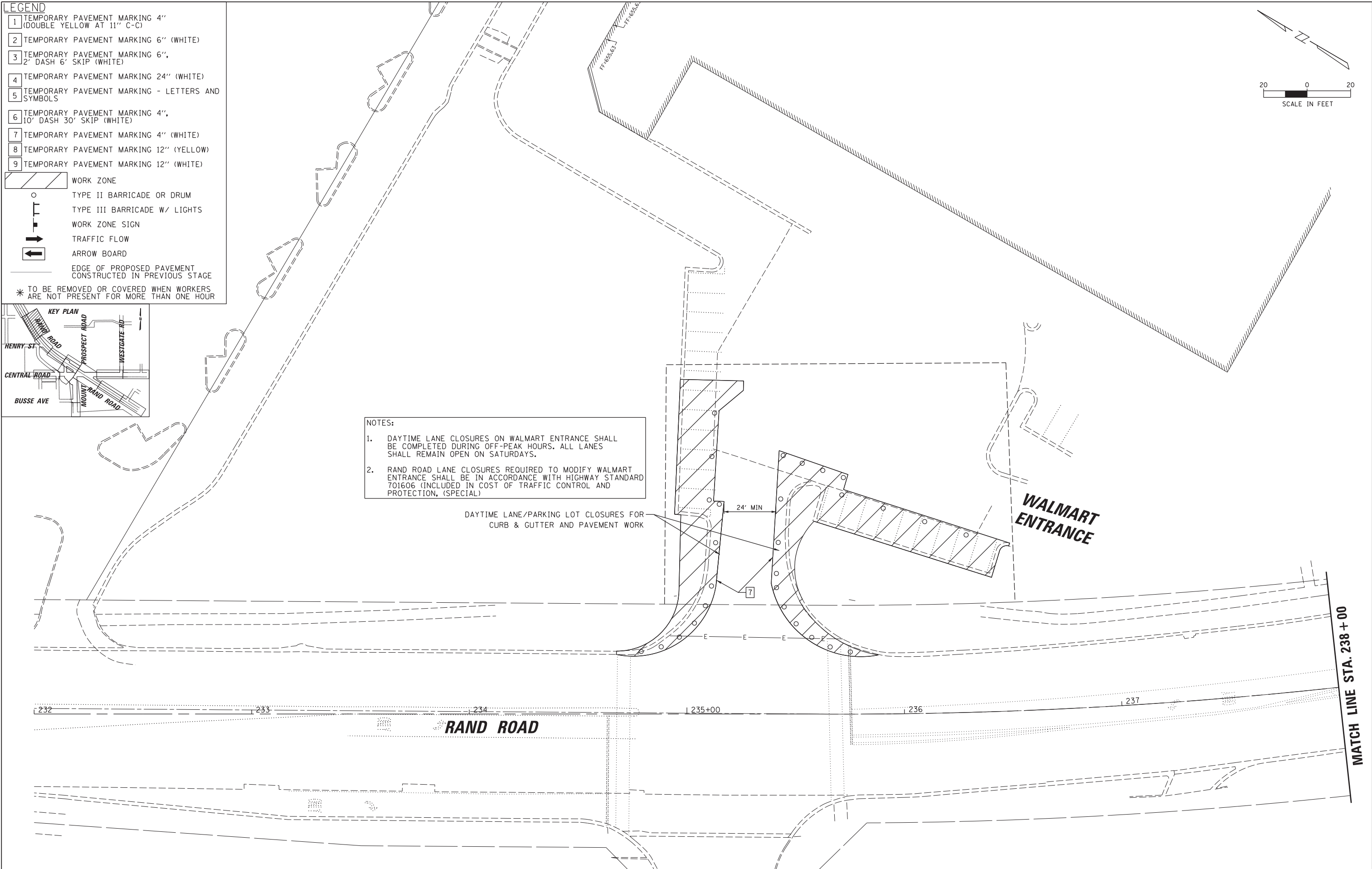
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334	17-00166-00-CH	COOK	264	54
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				

- LEGEND**
- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
 - 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
 - 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
 - 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
 - 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
 - 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
 - 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)
-  WORK ZONE
 TYPE II BARRICADE OR DRUM
 TYPE III BARRICADE W/ LIGHTS
 WORK ZONE SIGN
 TRAFFIC FLOW
 ARROW BOARD
 EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
 * TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



- NOTES:**
1. DAYTIME LANE CLOSURES ON WALMART ENTRANCE SHALL BE COMPLETED DURING OFF-PEAK HOURS. ALL LANES SHALL REMAIN OPEN ON SATURDAYS.
 2. RAND ROAD LANE CLOSURES REQUIRED TO MODIFY WALMART ENTRANCE SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701606 (INCLUDED IN COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL))

DAYTIME LANE/PARKING LOT CLOSURES FOR CURB & GUTTER AND PAVEMENT WORK



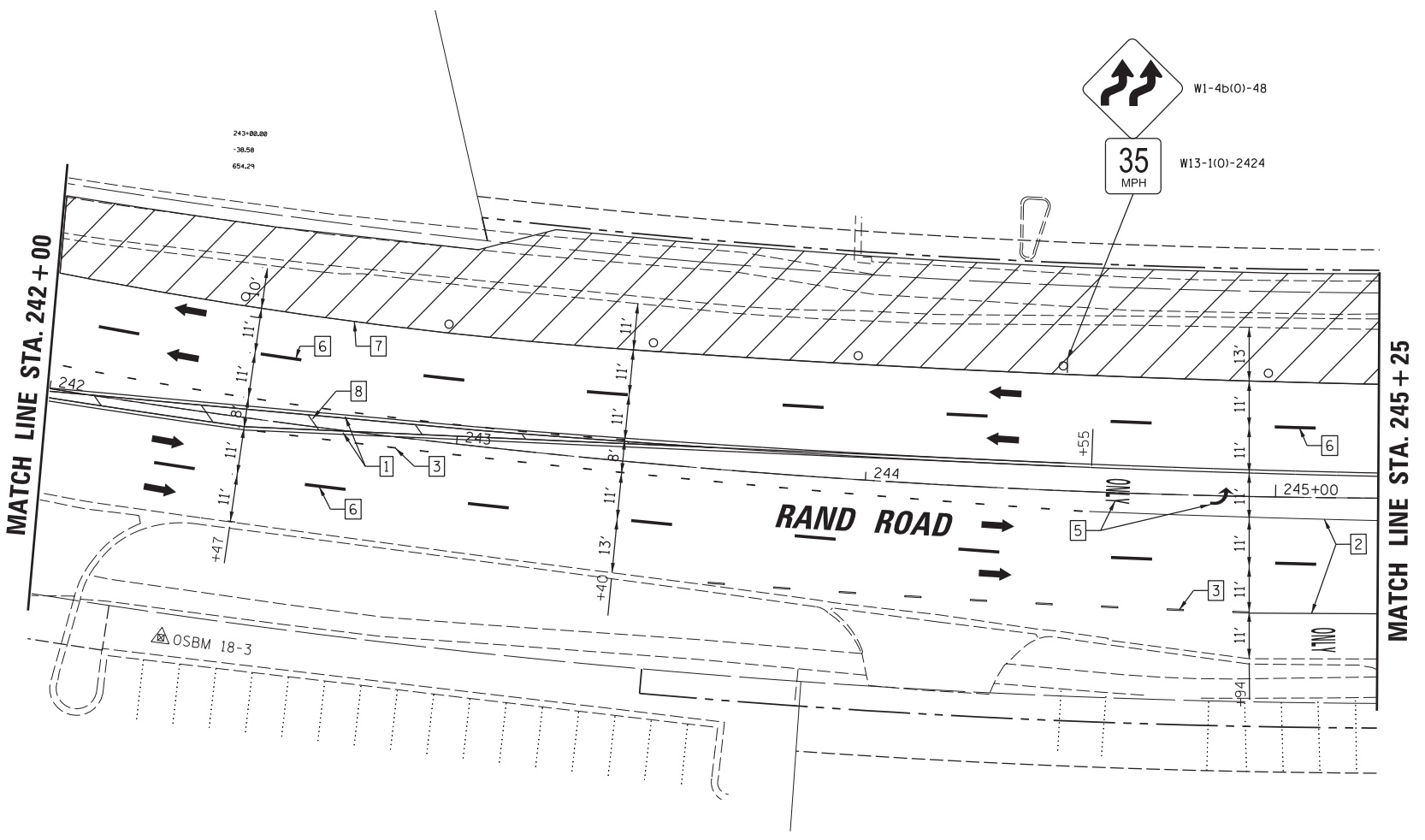
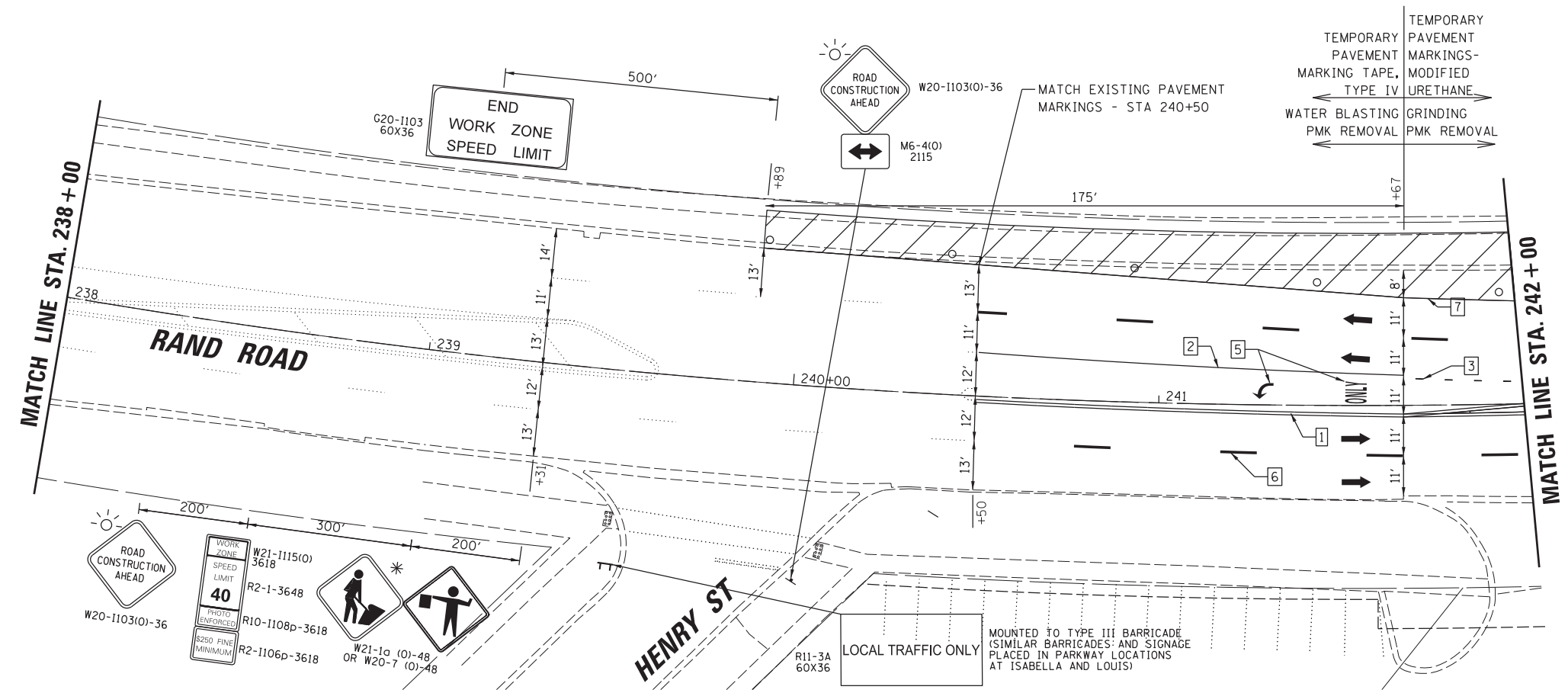
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

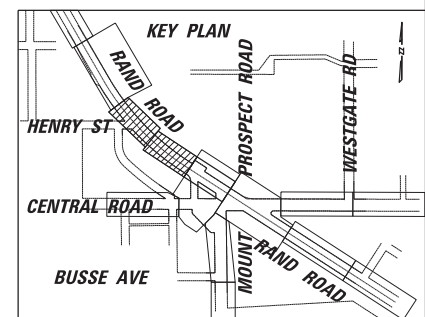
**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 2**

SCALE: 1:20 SHEET 3 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H44	



- LEGEND**
- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
 - 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
 - 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
 - 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
 - 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
 - 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
 - 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)
- WORK ZONE
 - TYPE II BARRICADE OR DRUM
 - TYPE III BARRICADE W/ LIGHTS
 - WORK ZONE SIGN
 - TRAFFIC FLOW
 - ARROW BOARD
 - EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- * TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



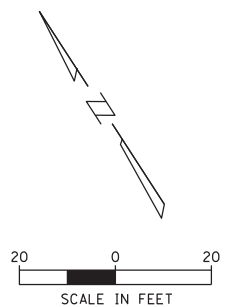
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Default	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 2**

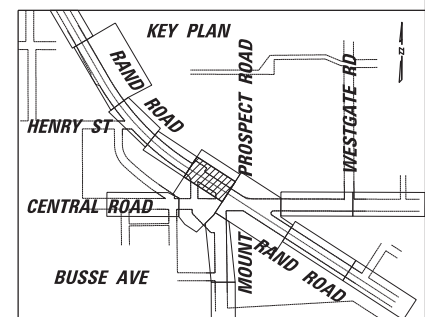
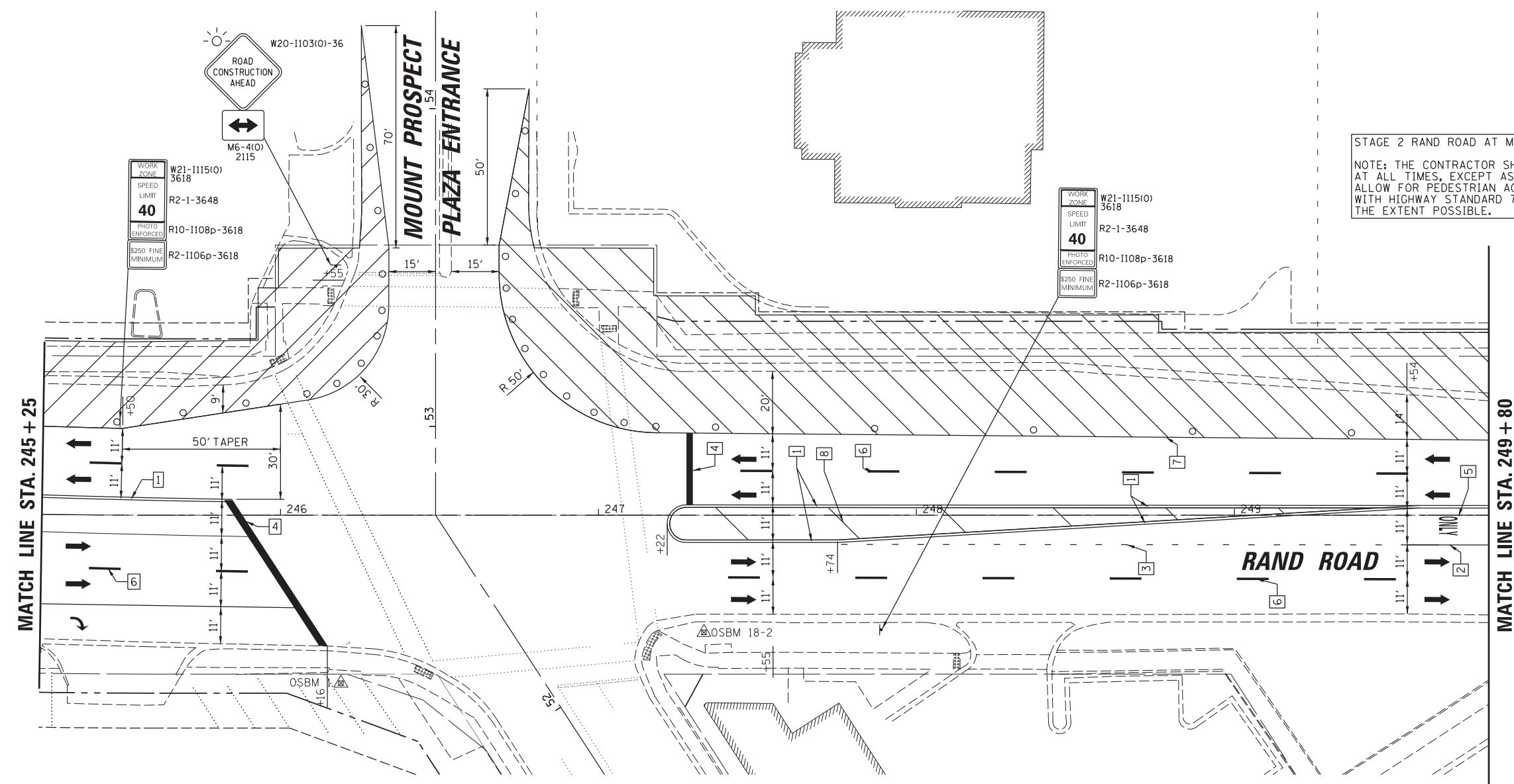
SCALE: 1:20 SHEET 4 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	56
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



STAGE 2 RAND ROAD AT MOUNT PROSPECT ROAD

NOTE: THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PEDESTRIAN CROSSINGS AT ALL TIMES, EXCEPT AS FOLLOWS: WHEN CONSTRUCTION ACTIVITY DOES NOT ALLOW FOR PEDESTRIAN ACCESS, SIDEWALKS SHALL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701801. SIDEWALK CLOSURES SHALL BE MINIMIZED TO THE EXTENT POSSIBLE.



- LEGEND**
- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
 - 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
 - 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
 - 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
 - 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
 - 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
 - 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)
 - WORK ZONE
 - TYPE II BARRICADE OR DRUM
 - TYPE III BARRICADE W/ LIGHTS
 - WORK ZONE SIGN
 - TRAFFIC FLOW
 - ARROW BOARD
 - EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- * TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

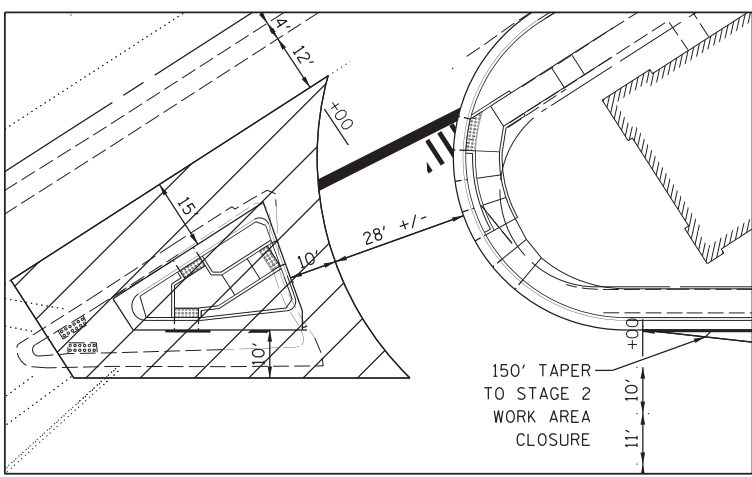
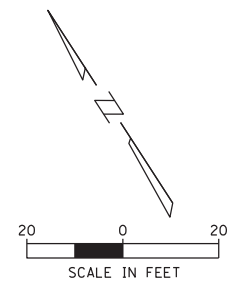
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 2**

SCALE: 1:20 SHEET 5 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	57
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



EXISTING SKIP DASH LINES TO BE REMOVED (STA. 173+00 TO STA 174+00)

EXISTING PAVEMENT MARKINGS TO REMAIN

100' TAPER

MATCH LINE STA. 174+00

STAGE 2 RAND ROAD AT CENTRAL ROAD
 NOTE: THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE SOUTH AND WEST PEDESTRIAN CROSSINGS AT ALL TIMES, EXCEPT AS FOLLOWS: WHEN CONSTRUCTION ACTIVITY DOES NOT ALLOW FOR PEDESTRIAN ACCESS, SIDEWALKS SHALL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701801. SIDEWALK CLOSURES SHALL BE MINIMIZED TO THE EXTENT POSSIBLE.

MAINTENANCE OF TRAFFIC – STAGE 2B

WORK ZONE W21-1115(O) 3618
 SPEED LIMIT R2-1-3648
 PHOTO ENFORCED R10-1108p-3618
 S250 FINE MINIMUM R2-1106p-3618

WORK ZONE W21-1115(O) 3618
 SPEED LIMIT R2-1-3648
 PHOTO ENFORCED R10-1108p-3618
 S250 FINE MINIMUM R2-1106p-3618

MATCH LINE STA. 249 + 80

MATCH LINE STA. 255 + 80

EXISTING CROSSWALK PAVEMENT MARKINGS TO BE REMOVED

EXISTING CROSSWALK PAVEMENT MARKINGS TO BE REMAIN

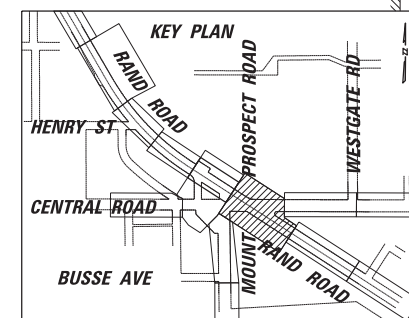
EXISTING PAVEMENT MARKINGS TO BE REMOVED

CENTRAL ROAD

RAND ROAD

WORK ZONE W21-1115(O) 3618
 SPEED LIMIT R2-1-3648
 PHOTO ENFORCED R10-1108p-3618
 S250 FINE MINIMUM R2-1106p-3618

END WORK ZONE SPEED LIMIT



LEGEND

- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
 - 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
 - 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
 - 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
 - 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
 - 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
 - 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)
- WORK ZONE
 - TYPE II BARRICADE OR DRUM
 - TYPE III BARRICADE W/ LIGHTS
 - WORK ZONE SIGN
 - TRAFFIC FLOW
 - ARROW BOARD
 - EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- * TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

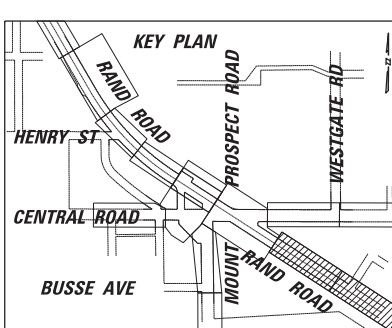
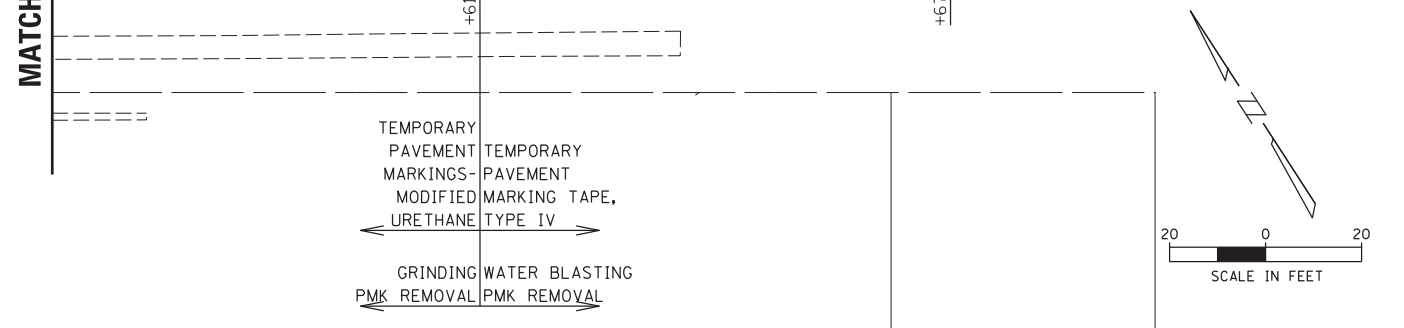
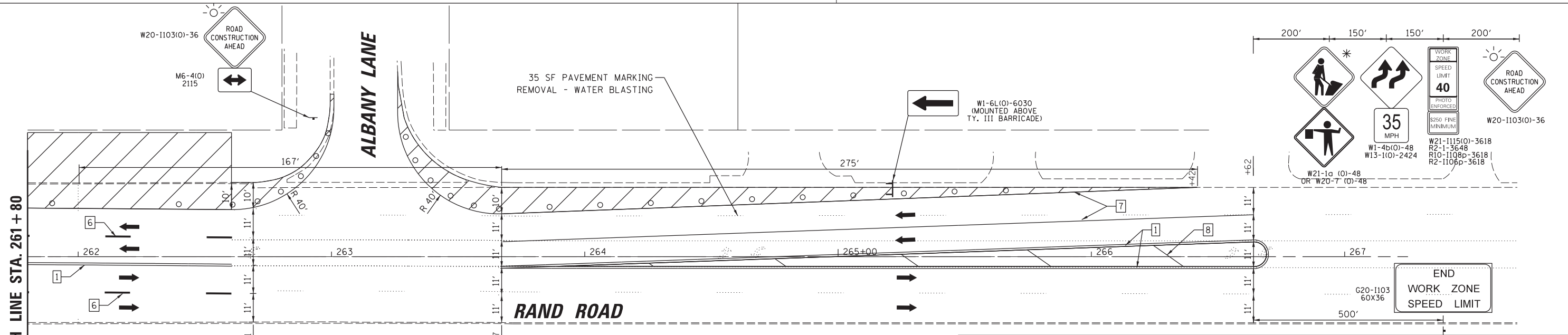
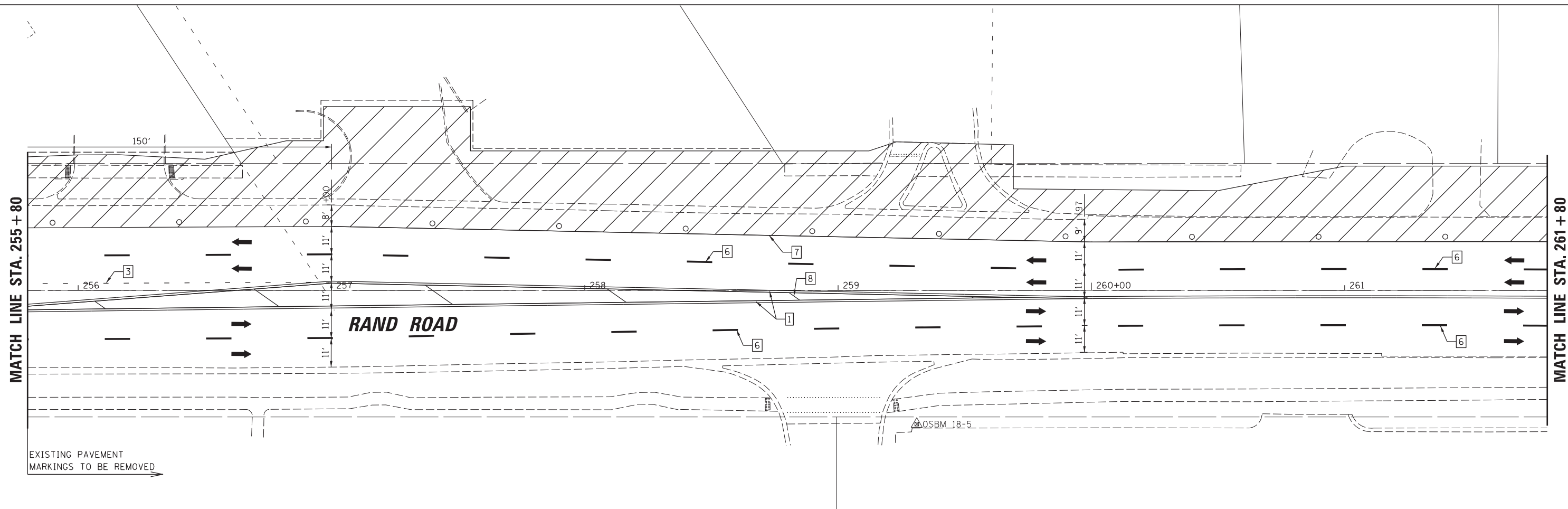
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
 MAINTENANCE OF TRAFFIC – STAGE 2

SCALE: 1:20 SHEET 6 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	58
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	



LEGEND

1	TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)		WORK ZONE
2	TEMPORARY PAVEMENT MARKING 6" (WHITE)		TYPE II BARRICADE OR DRUM
3	TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)		TYPE III BARRICADE W/ LIGHTS
4	TEMPORARY PAVEMENT MARKING 24" (WHITE)		WORK ZONE SIGN
5	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS		TRAFFIC FLOW
6	TEMPORARY PAVEMENT MARKING 4", 10' DASH 30" SKIP (WHITE)		ARROW BOARD
7	TEMPORARY PAVEMENT MARKING 4" (WHITE)		EDGE OF PROPOSED PAVEMENT
8	TEMPORARY PAVEMENT MARKING 12" (YELLOW)		CONSTRUCTED IN PREVIOUS STAGE
9	TEMPORARY PAVEMENT MARKING 12" (WHITE)		

* TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

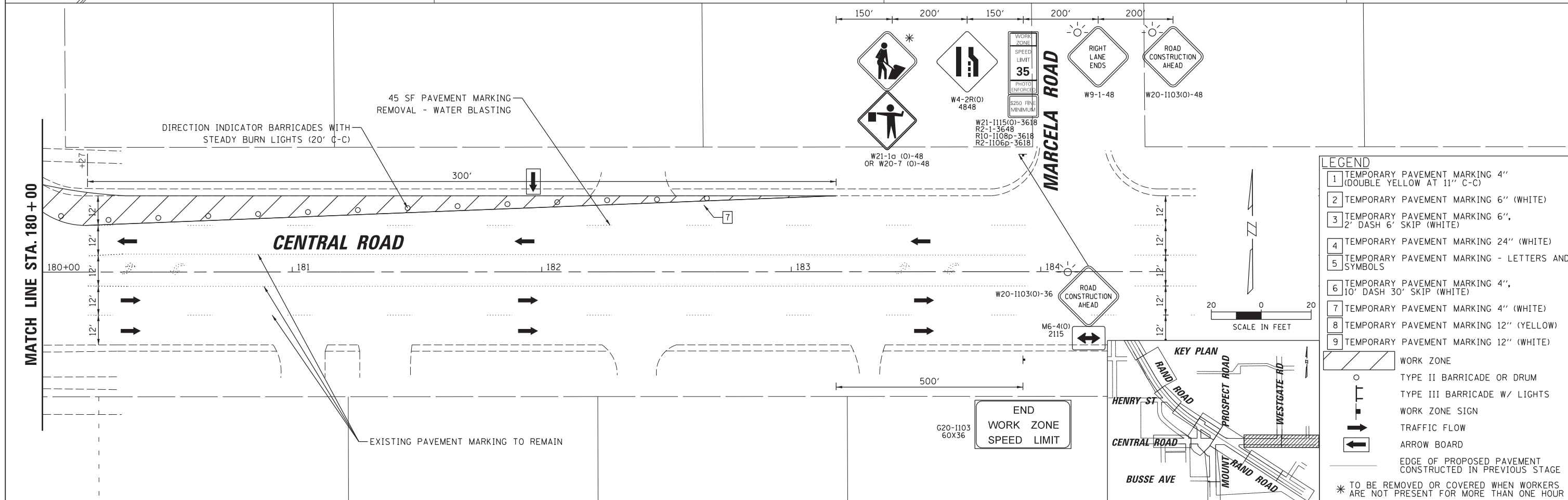
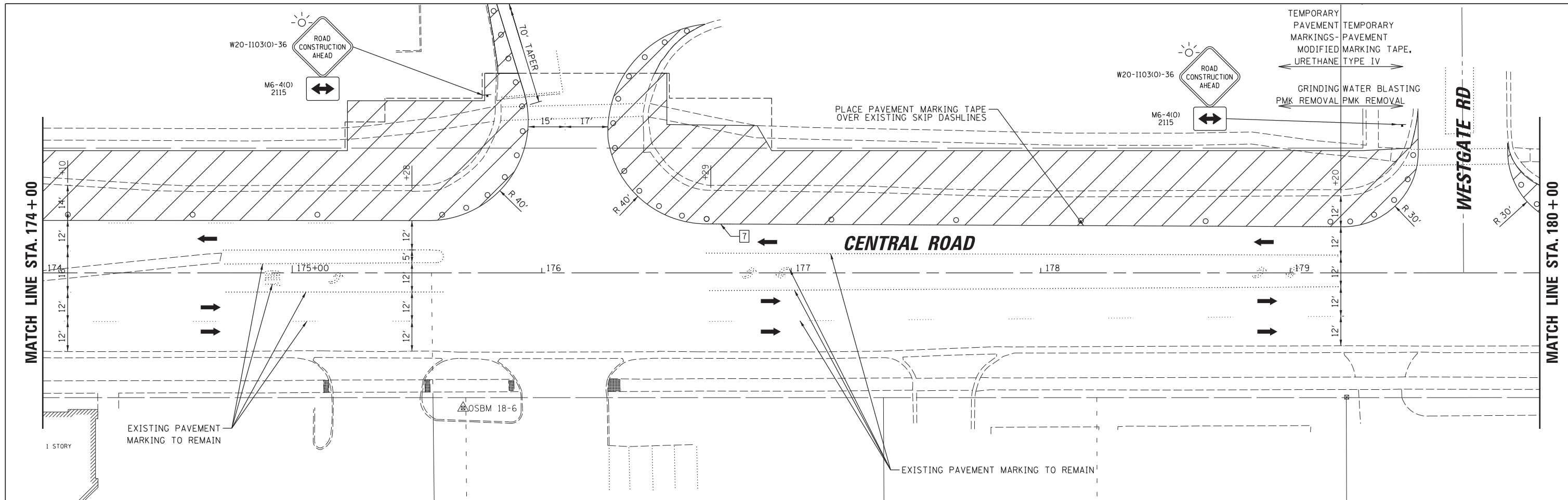
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 2**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	59
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				

SCALE: 1:20 SHEET 7 OF 15 SHEETS STA. TO STA.



LEGEND

- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
- 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
- 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
- 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
- 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
- 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
- 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)

WORK ZONE
 TYPE II BARRICADE OR DRUM
 TYPE III BARRICADE W/ LIGHTS
 WORK ZONE SIGN
 TRAFFIC FLOW
 ARROW BOARD
 EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE

* TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

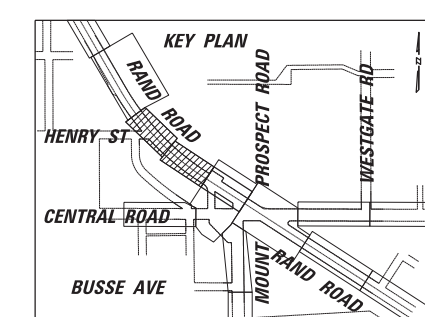
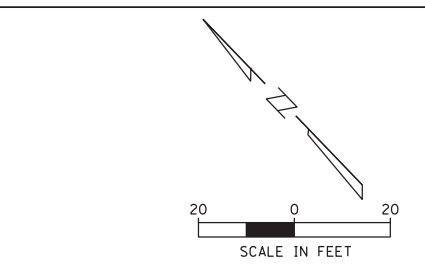
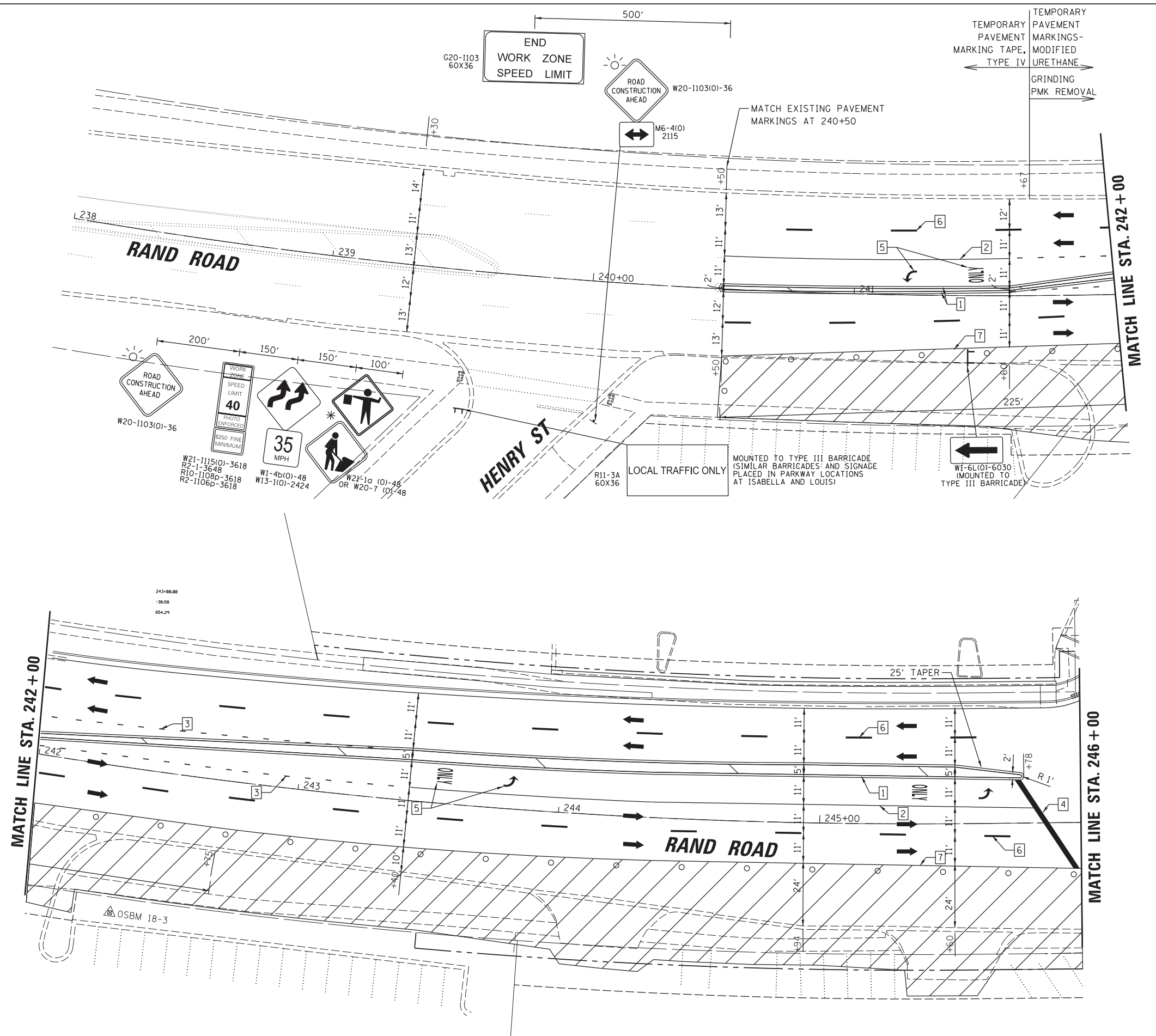
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 2**

SCALE: 1:20 SHEET 8 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	60
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



- LEGEND**
- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
 - 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
 - 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
 - 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
 - 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
 - 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
 - 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)
 - WORK ZONE
 - TYPE II BARRICADE OR DRUM
 - TYPE III BARRICADE W/ LIGHTS
 - WORK ZONE SIGN
 - TRAFFIC FLOW
 - ARROW BOARD
 - EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- * TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 3**

SCALE: 1:20 SHEET 9 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	61
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				

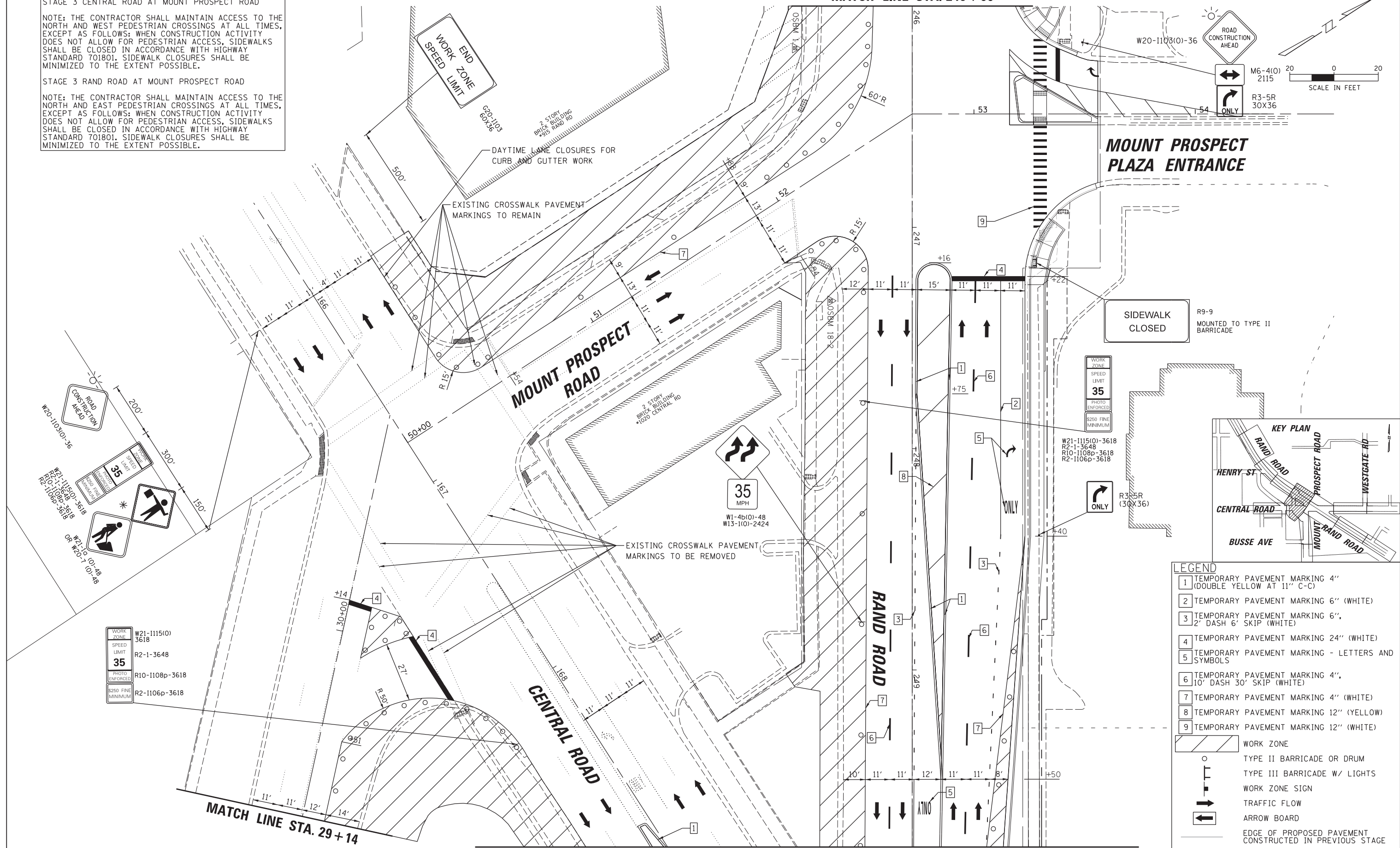
STAGE 3 CENTRAL ROAD AT MOUNT PROSPECT ROAD

NOTE: THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE NORTH AND WEST PEDESTRIAN CROSSINGS AT ALL TIMES, EXCEPT AS FOLLOWS: WHEN CONSTRUCTION ACTIVITY DOES NOT ALLOW FOR PEDESTRIAN ACCESS, SIDEWALKS SHALL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701801. SIDEWALK CLOSURES SHALL BE MINIMIZED TO THE EXTENT POSSIBLE.

STAGE 3 RAND ROAD AT MOUNT PROSPECT ROAD

NOTE: THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE NORTH AND EAST PEDESTRIAN CROSSINGS AT ALL TIMES, EXCEPT AS FOLLOWS: WHEN CONSTRUCTION ACTIVITY DOES NOT ALLOW FOR PEDESTRIAN ACCESS, SIDEWALKS SHALL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701801. SIDEWALK CLOSURES SHALL BE MINIMIZED TO THE EXTENT POSSIBLE.

MATCH LINE STA. 246 + 00



LEGEND

- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
- 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
- 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
- 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
- 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
- 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
- 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)

WORK ZONE
 TYPE II BARRICADE OR DRUM
 TYPE III BARRICADE W/ LIGHTS
 WORK ZONE SIGN
 TRAFFIC FLOW
 ARROW BOARD
 EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE

* TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

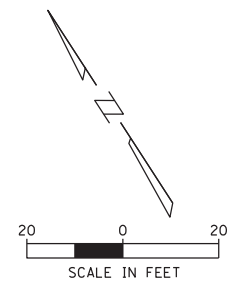
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 3

SCALE: 1:20 SHEET 10 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	62
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



STAGE 3 RAND ROAD AT CENTRAL ROAD

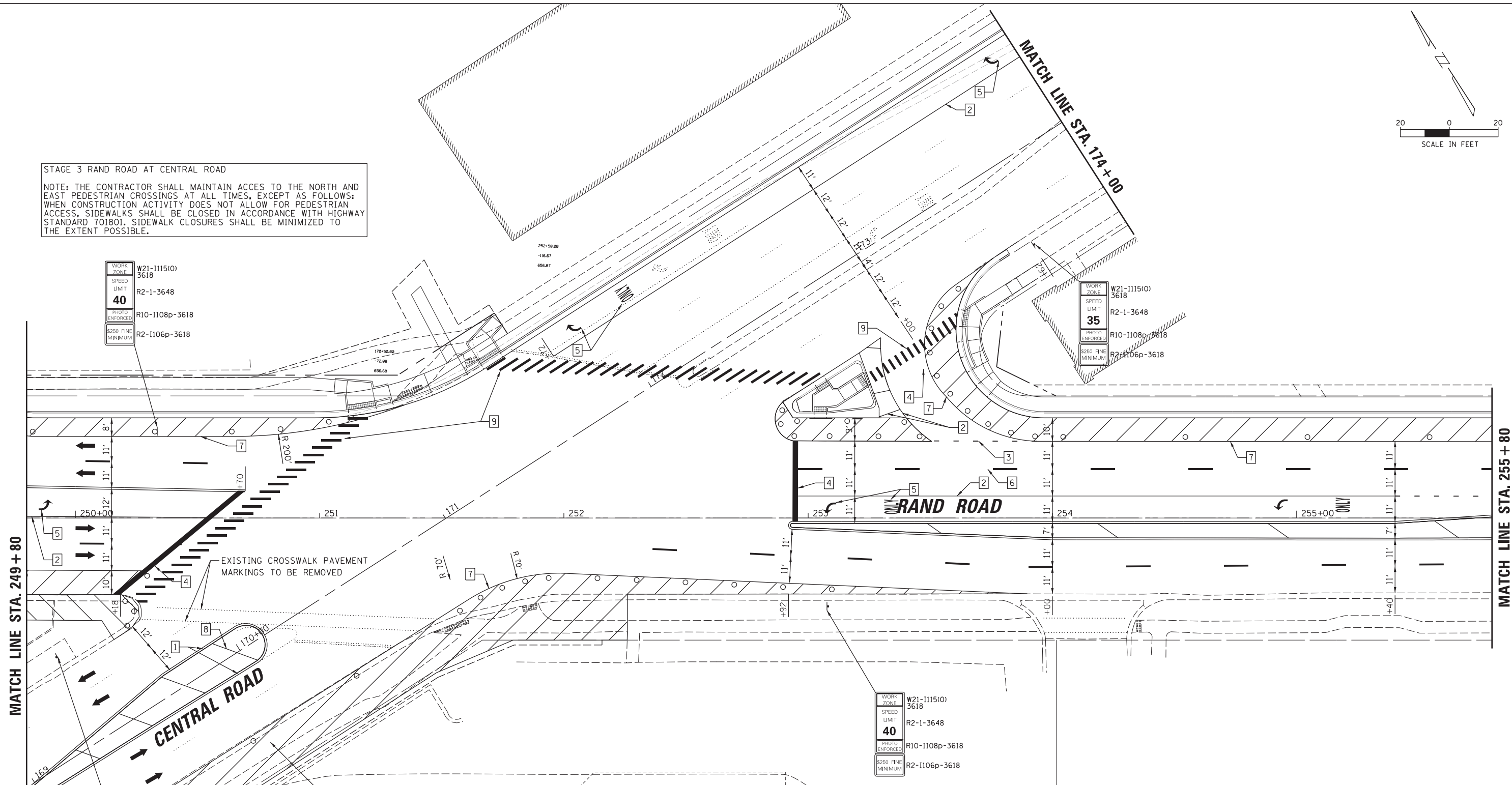
NOTE: THE CONTRACTOR SHALL MAINTAIN ACCES TO THE NORTH AND EAST PEDESTRIAN CROSSINGS AT ALL TIMES, EXCEPT AS FOLLOWS: WHEN CONSTRUCTION ACTIVITY DOES NOT ALLOW FOR PEDESTRIAN ACCESS, SIDEWALKS SHALL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701801. SIDEWALK CLOSURES SHALL BE MINIMIZED TO THE EXTENT POSSIBLE.

WORK ZONE W21-1115(O) 3618
 SPEED LIMIT R2-1-3648
 PHOTO ENFORCED R10-1108p-3618
 \$250 FINE MINIMUM R2-1106p-3618

WORK ZONE W21-1115(O) 3618
 SPEED LIMIT R2-1-3648
 PHOTO ENFORCED R10-1108p-3618
 \$250 FINE MINIMUM R2-1106p-3618

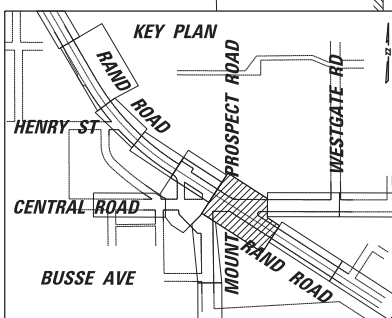
WORK ZONE W21-1115(O) 3618
 SPEED LIMIT R2-1-3648
 PHOTO ENFORCED R10-1108p-3618
 \$250 FINE MINIMUM R2-1106p-3618

WORK ZONE W21-1115(O) 3618
 SPEED LIMIT R2-1-3648
 PHOTO ENFORCED R10-1108p-3618
 \$250 FINE MINIMUM R2-1106p-3618



EXISTING CROSSWALK PAVEMENT MARKINGS TO BE REMOVED

DAYTIME LANE CLOSURES FOR PAVEMENT WIDENING, CURB & GUTTER, ETC.



LEGEND

- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
 - 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
 - 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
 - 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
 - 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
 - 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
 - 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)
- WORK ZONE
 - TYPE II BARRICADE OR DRUM
 - TYPE III BARRICADE W/ LIGHTS
 - WORK ZONE SIGN
 - TRAFFIC FLOW
 - ARROW BOARD
 - EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- * TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

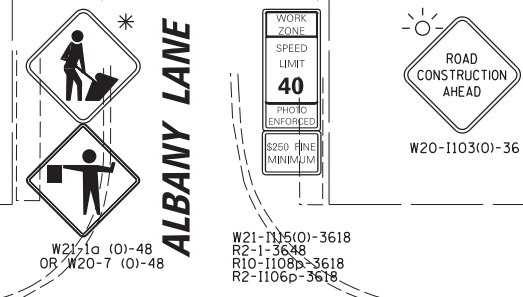
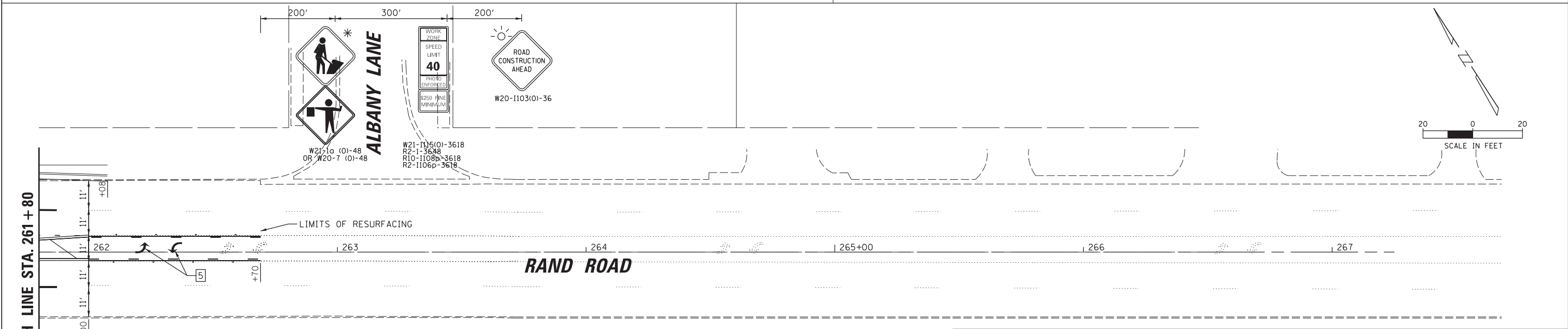
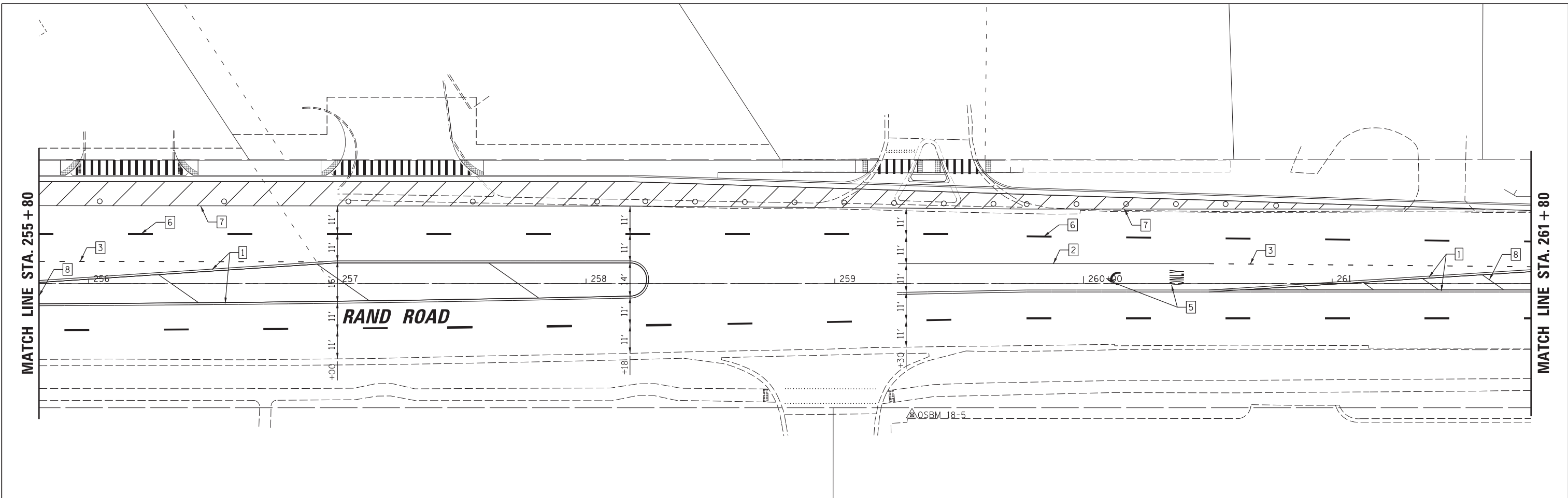
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
 MAINTENANCE OF TRAFFIC - STAGE 3

SCALE: 1:20 SHEET 11 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	63
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



LEGEND	
1	TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
2	TEMPORARY PAVEMENT MARKING 6" (WHITE)
3	TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
4	TEMPORARY PAVEMENT MARKING 24" (WHITE)
5	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
6	TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
7	TEMPORARY PAVEMENT MARKING 4" (WHITE)
8	TEMPORARY PAVEMENT MARKING 12" (YELLOW)
9	TEMPORARY PAVEMENT MARKING 12" (WHITE)
	WORK ZONE
	TYPE II BARRICADE OR DRUM
	TYPE III BARRICADE W/ LIGHTS
	WORK ZONE SIGN
	TRAFFIC FLOW
	ARROW BOARD
	EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE

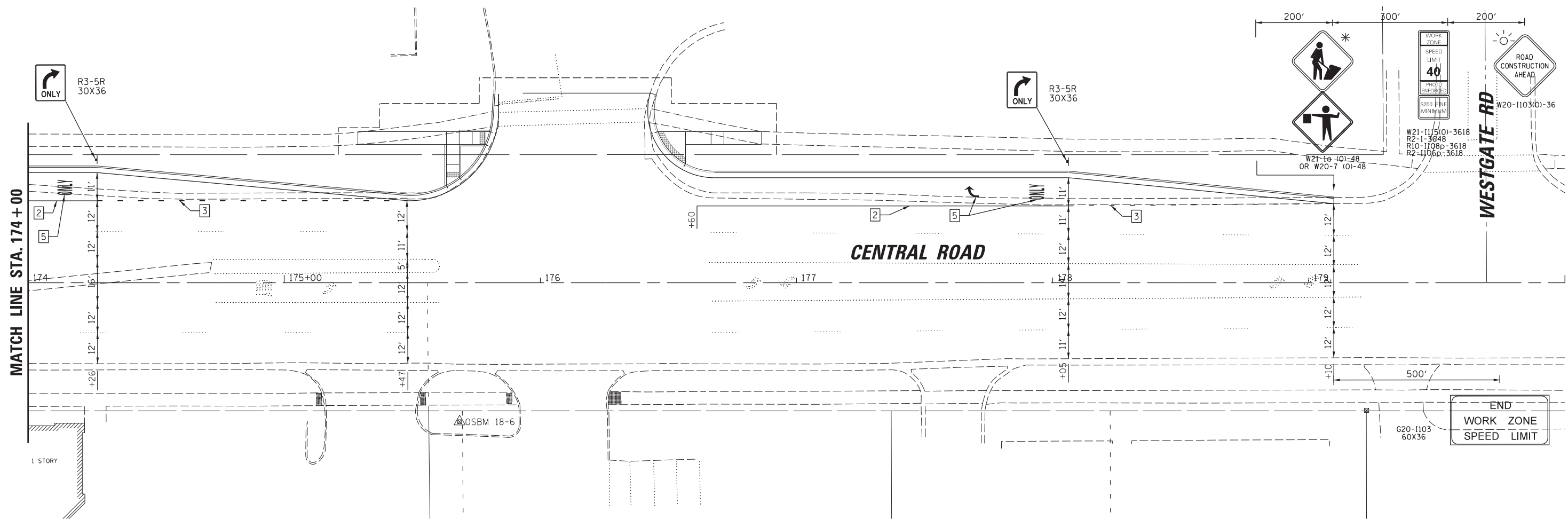
* TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 3
SCALE: 1:20 SHEET 12 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	64
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



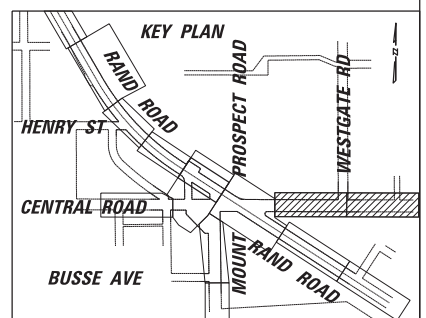
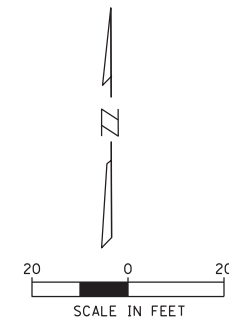
MATCH LINE STA. 174 + 00

WESTGATE RD

CENTRAL ROAD

END WORK ZONE SPEED LIMIT

- LEGEND**
- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
 - 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
 - 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
 - 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
 - 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
 - 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
 - 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)
 - WORK ZONE
 - TYPE II BARRICADE OR DRUM
 - ⊥ TYPE III BARRICADE W/ LIGHTS
 - ⊥ WORK ZONE SIGN
 - TRAFFIC FLOW
 - ← ARROW BOARD
 - EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- * TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



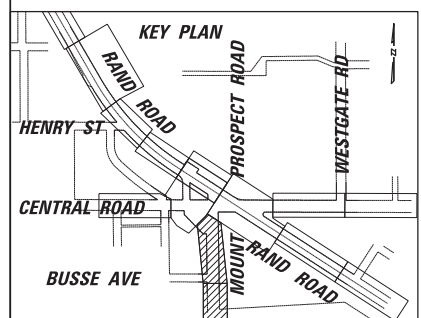
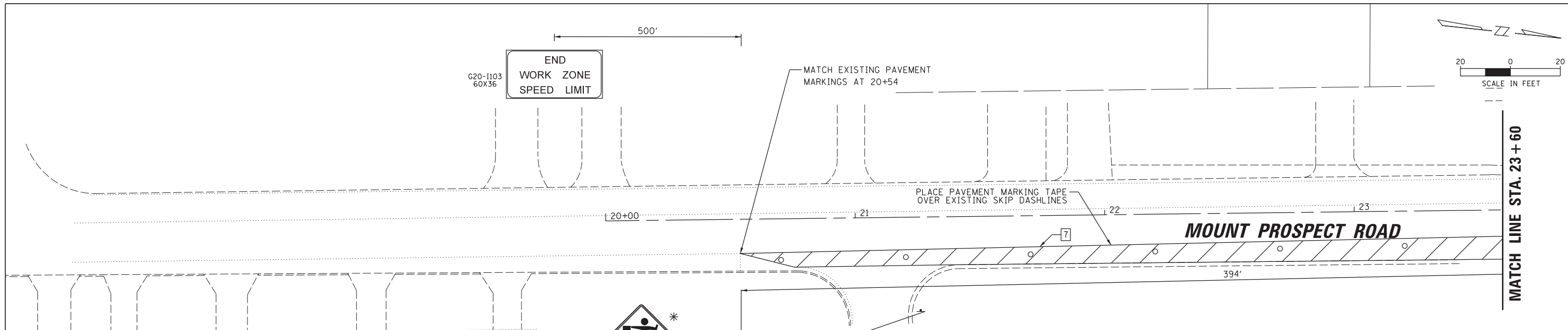
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 3

SCALE: 1:20 SHEET 13 OF 15 SHEETS STA. TO STA.

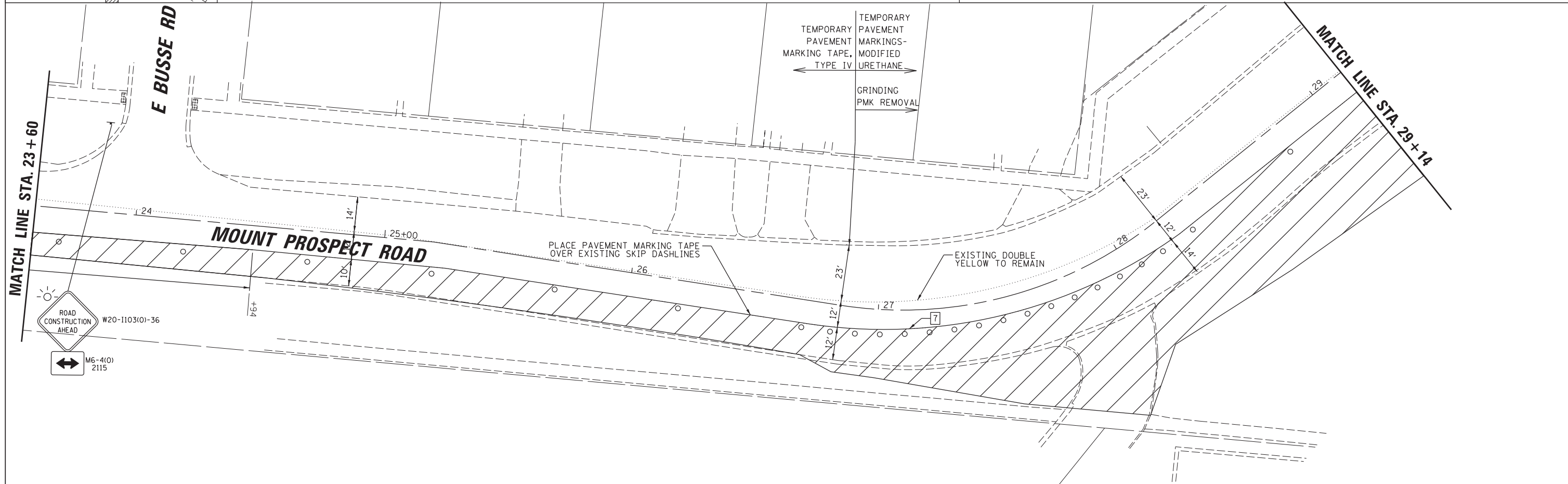
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	65
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



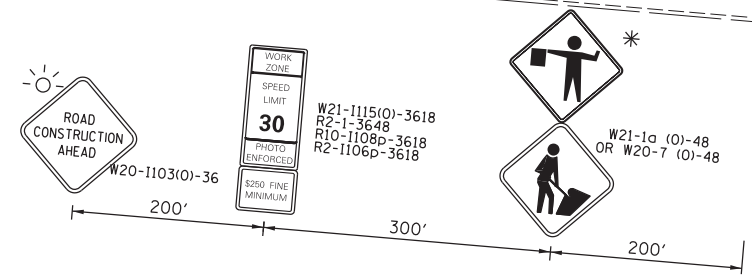
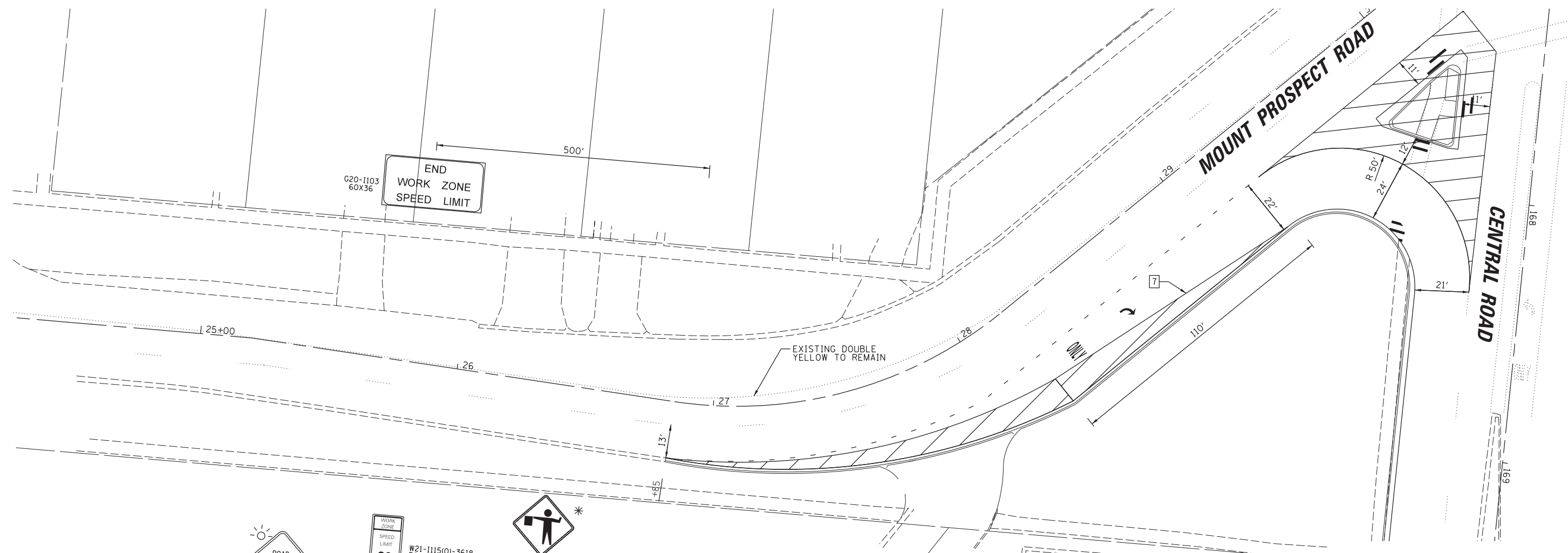
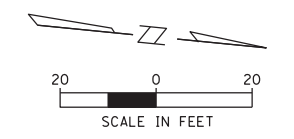
LEGEND

1	TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)		WORK ZONE
2	TEMPORARY PAVEMENT MARKING 6" (WHITE)		TYPE II BARRICADE OR DRUM
3	TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)		TYPE III BARRICADE W/ LIGHTS
4	TEMPORARY PAVEMENT MARKING 24" (WHITE)		WORK ZONE SIGN
5	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS		TRAFFIC FLOW
6	TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)		ARROW BOARD
7	TEMPORARY PAVEMENT MARKING 4" (WHITE)		EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
8	TEMPORARY PAVEMENT MARKING 12" (YELLOW)		
9	TEMPORARY PAVEMENT MARKING 12" (WHITE)		

* TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR



FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS MAINTENANCE OF TRAFFIC - STAGE 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\MOUNTPROSPECT\200015\Civil\MOT_200015_12.SHT	PLOT SCALE = 28'	DRAWN -	REVISED -			334	17-00166-00-CH	COOK	264	66	
Default	PLOT DATE = 5/4/2022	CHECKED -	REVISED -			CONTRACT NO. 61H44					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



MAINTENANCE OF TRAFFIC PLAN FOR CONSTRUCTION OF ISLAND ON SE CORNER OF MOUNT PROSPECT ROAD AT CENTRAL ROAD

- LEGEND**
- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW AT 11" C-C)
 - 2 TEMPORARY PAVEMENT MARKING 6" (WHITE)
 - 3 TEMPORARY PAVEMENT MARKING 6", 2' DASH 6' SKIP (WHITE)
 - 4 TEMPORARY PAVEMENT MARKING 24" (WHITE)
 - 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
 - 6 TEMPORARY PAVEMENT MARKING 4", 10' DASH 30' SKIP (WHITE)
 - 7 TEMPORARY PAVEMENT MARKING 4" (WHITE)
 - 8 TEMPORARY PAVEMENT MARKING 12" (YELLOW)
 - 9 TEMPORARY PAVEMENT MARKING 12" (WHITE)
- WORK ZONE
 - TYPE II BARRICADE OR DRUM
 - TYPE III BARRICADE W/ LIGHTS
 - WORK ZONE SIGN
 - TRAFFIC FLOW
 - ARROW BOARD
 - EDGE OF PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- * TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -
N:\MOUNTPROSPECT\200015\Civil\MOT_200015_13.SHT		DRAWN -	REVISED -
Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

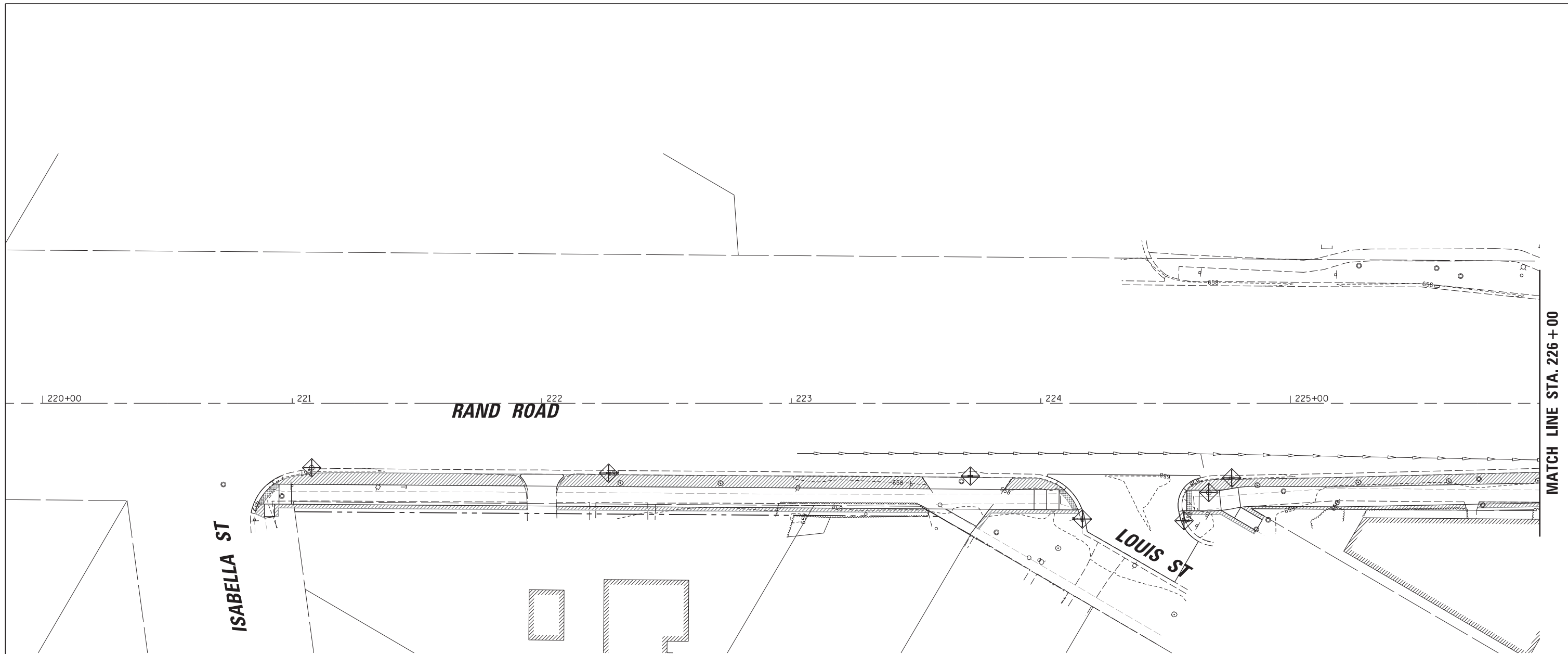
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
MAINTENANCE OF TRAFFIC - STAGE 3B**

SCALE: 1:20 SHEET 15 OF 15 SHEETS STA. TO STA.

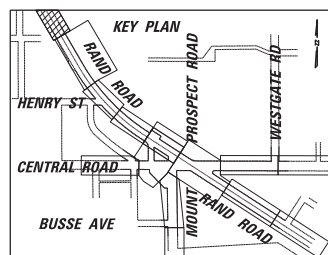
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	67
				CONTRACT NO. 61H44

ILLINOIS FED. AID PROJECT



MATCH LINE STA. 226 + 00

- MWRDGC NOTES**
- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
 - ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLE WITHIN PROJECT AREA SHALL NOT BE BURIED/COVERED.
 - NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES. MWRD PERSONNEL SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
 - FURTHERMORE, MWRD'S MANHOLES SHALL BE LOCATED, PROTECTED, AND/OR ADJUSTED TO GRADE, IF NECESSARY, AS PER MWRDGC STANDARD PROCEDURES.
 - PRIOR AUTHORIZATION IS REQUIRED TO MAKE ANY STRUCTURAL MODIFICATIONS, INCLUDING MANHOLE FRAME AND LID ADJUSTMENTS.
 - AUTHORIZATION MAY BE OBTAINED BY CONTACTING MR. CEDRIC ROBERTSON, MANAGING ENGINEER, AT (708) 588-3896.



EROSION CONTROL LEGEND:

	INLET FILTER
	SODDING, SALT TOLERANT (SPECIAL)

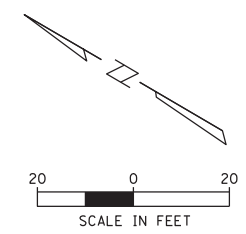
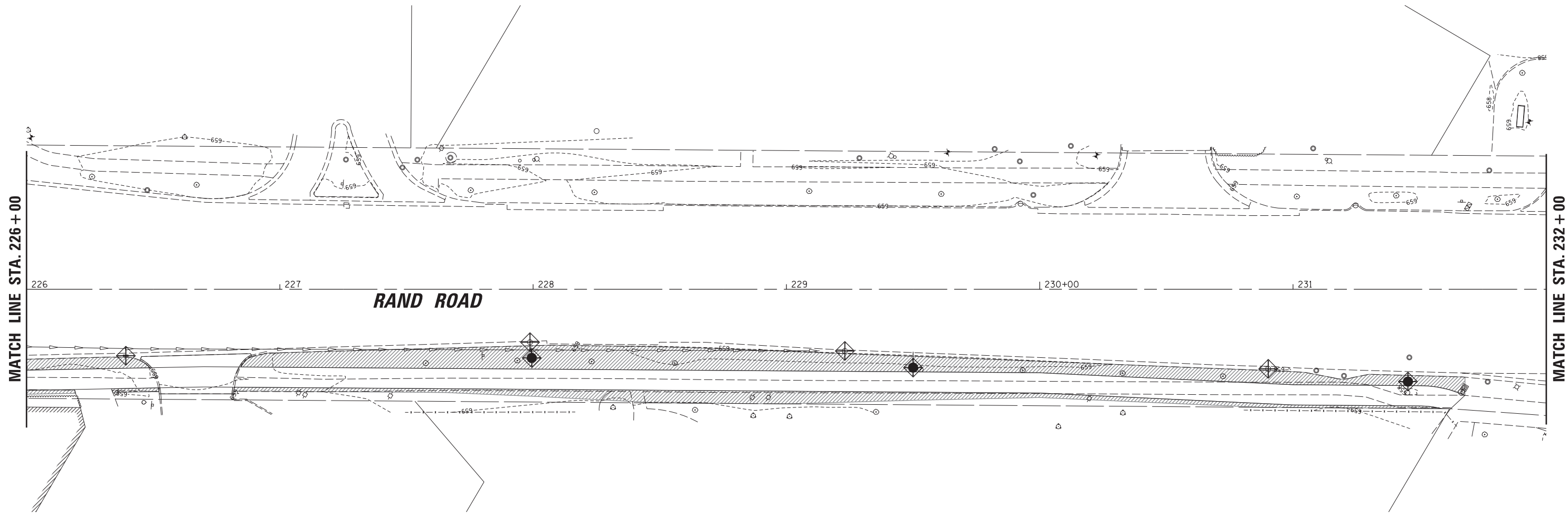
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

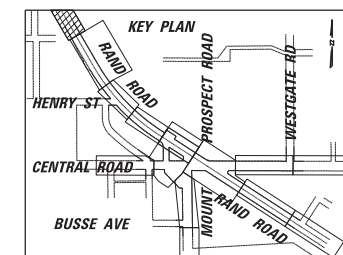
**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS**

SCALE: 1:20 SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	68
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H44	



- MWRDGC NOTES**
- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
 - ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLE WITHIN PROJECT AREA SHALL NOT BE BURIED/COVERED.
 - NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES. MWRD PERSONNEL SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
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EROSION CONTROL LEGEND:

	INLET FILTER
	SODDING, SALT TOLERANT (SPECIAL)

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

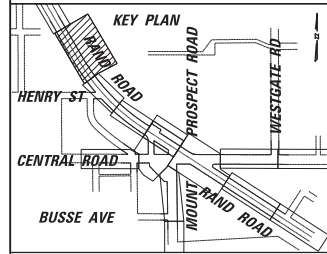
**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS**

SCALE: 1:20 SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	69
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H44	

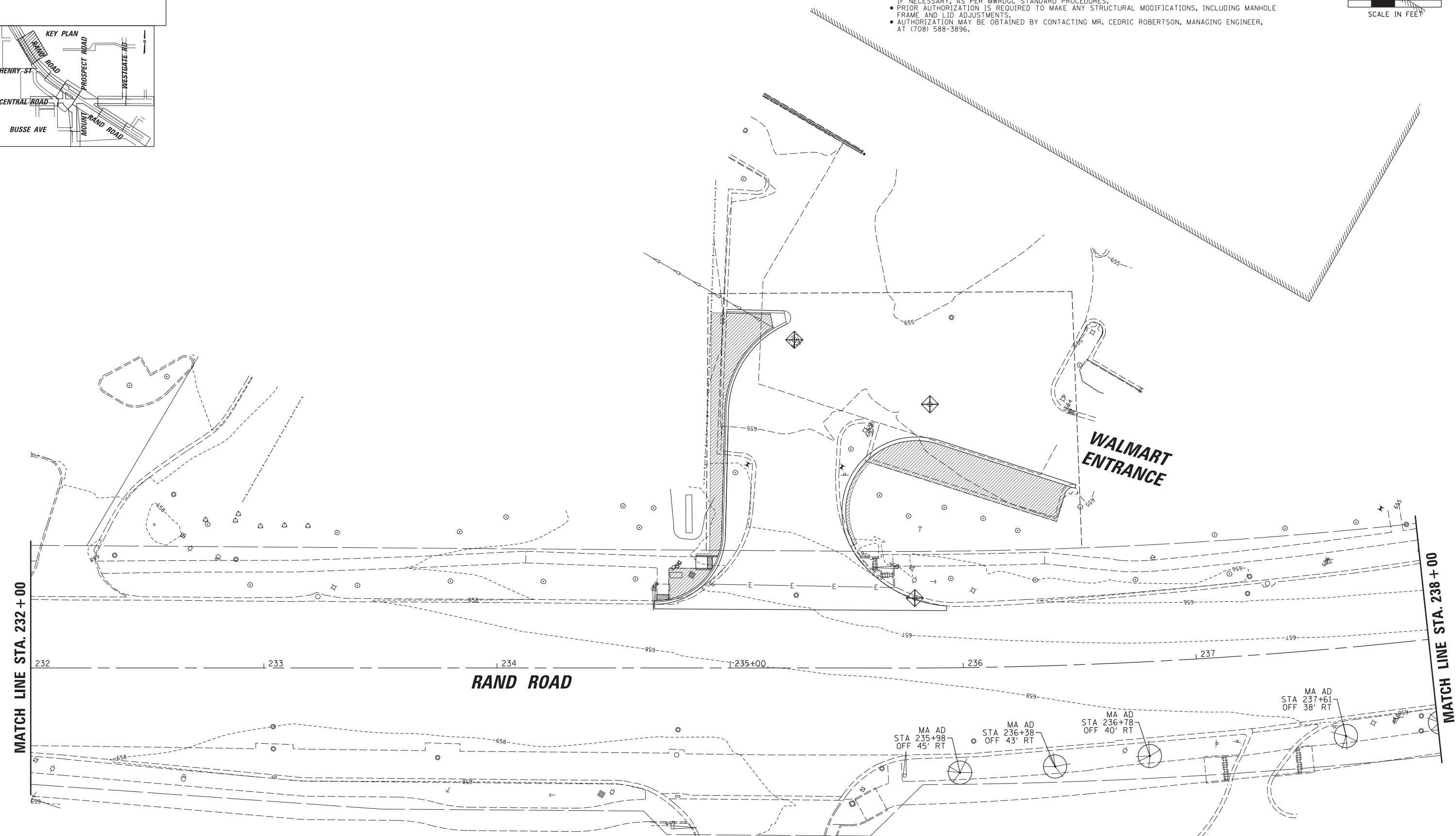
EROSION CONTROL LEGEND:

-  INLET FILTER
-  SODDING, SALT TOLERANT (SPECIAL)

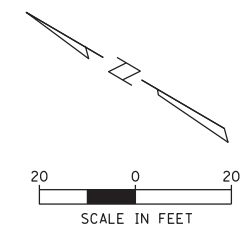
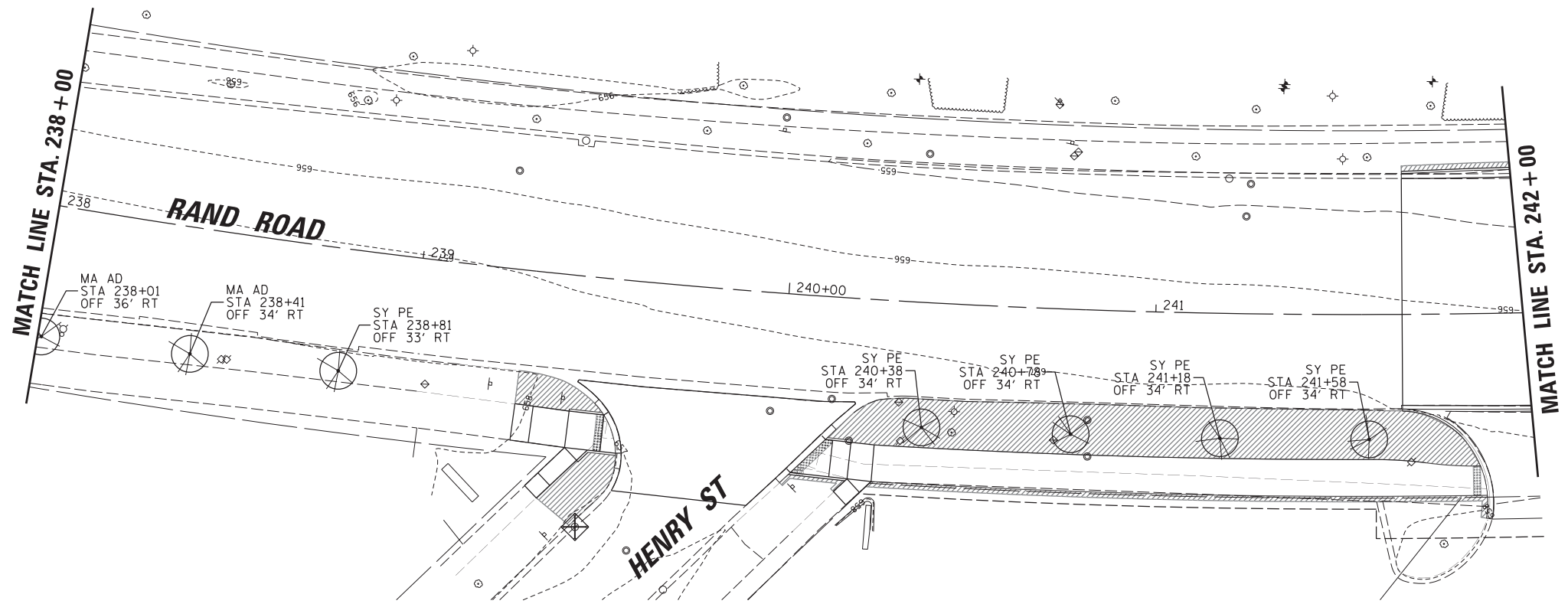


MWRDGC NOTES

- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
- ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN PROJECT AREA SHALL NOT BE BURIED/COVERED.
- NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES. MWRD PERSONNEL SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
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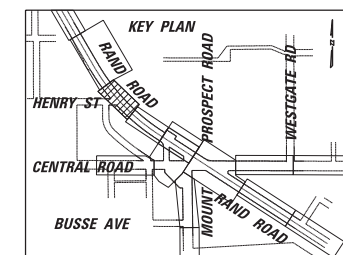


FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\MOUNTPROSPECT\200015\Civil\LSP_200015_03.SHT	PLOT SCALE = 28'	DRAWN -	REVISED -			334	17-00166-00-CH	COOK	264	70	
Default	PLOT DATE = 5/4/2022	CHECKED -	REVISED -			CONTRACT NO. 61H44		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			SCALE: 1:20	SHEET 3 OF 12 SHEETS	STA.	TO STA.		



MWRDGC NOTES

- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
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EROSION CONTROL LEGEND:

- INLET FILTER
- SODDING, SALT TOLERANT (SPECIAL)

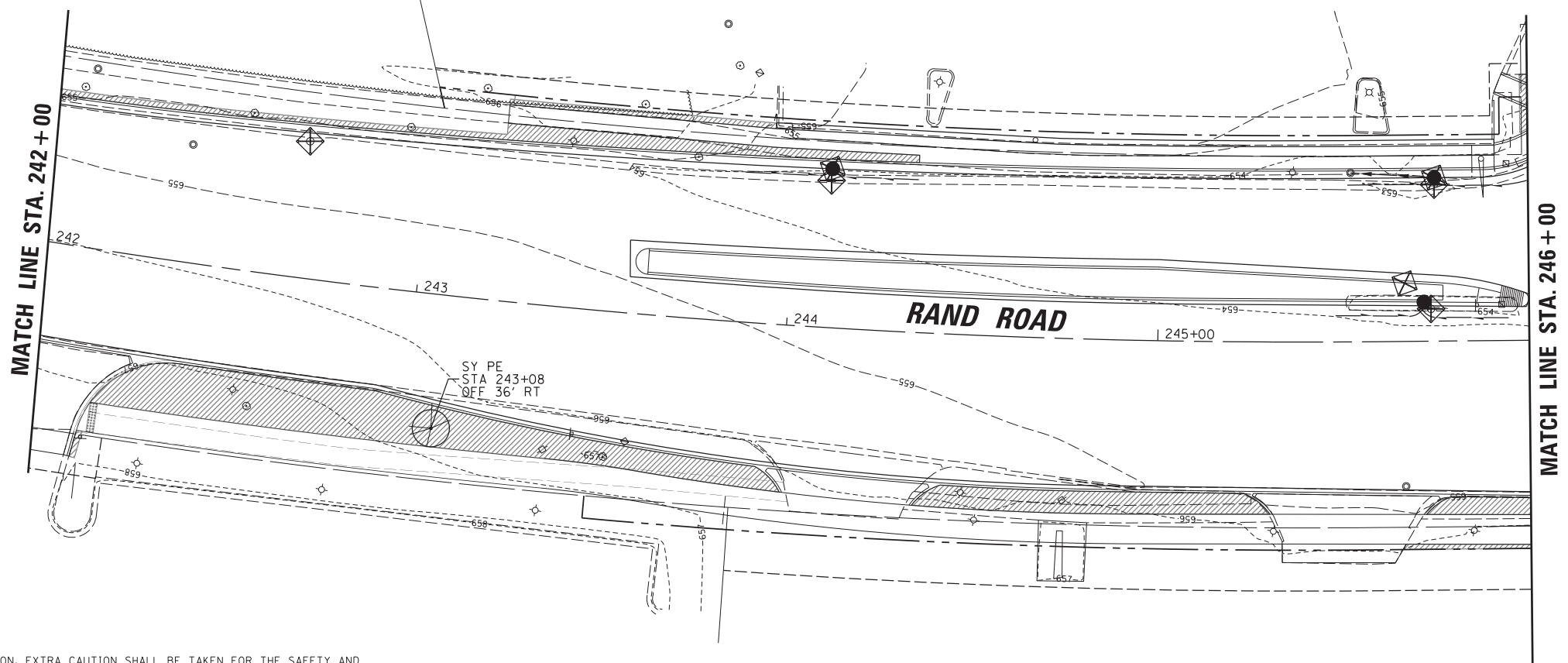
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS**

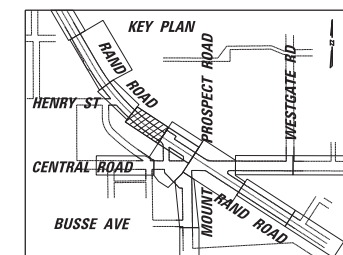
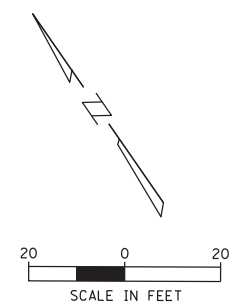
SCALE: 1:20 SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	71
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H44	



MWRDGC NOTES

- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
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EROSION CONTROL LEGEND:

	INLET FILTER
	SODDING, SALT TOLERANT (SPECIAL)

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	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

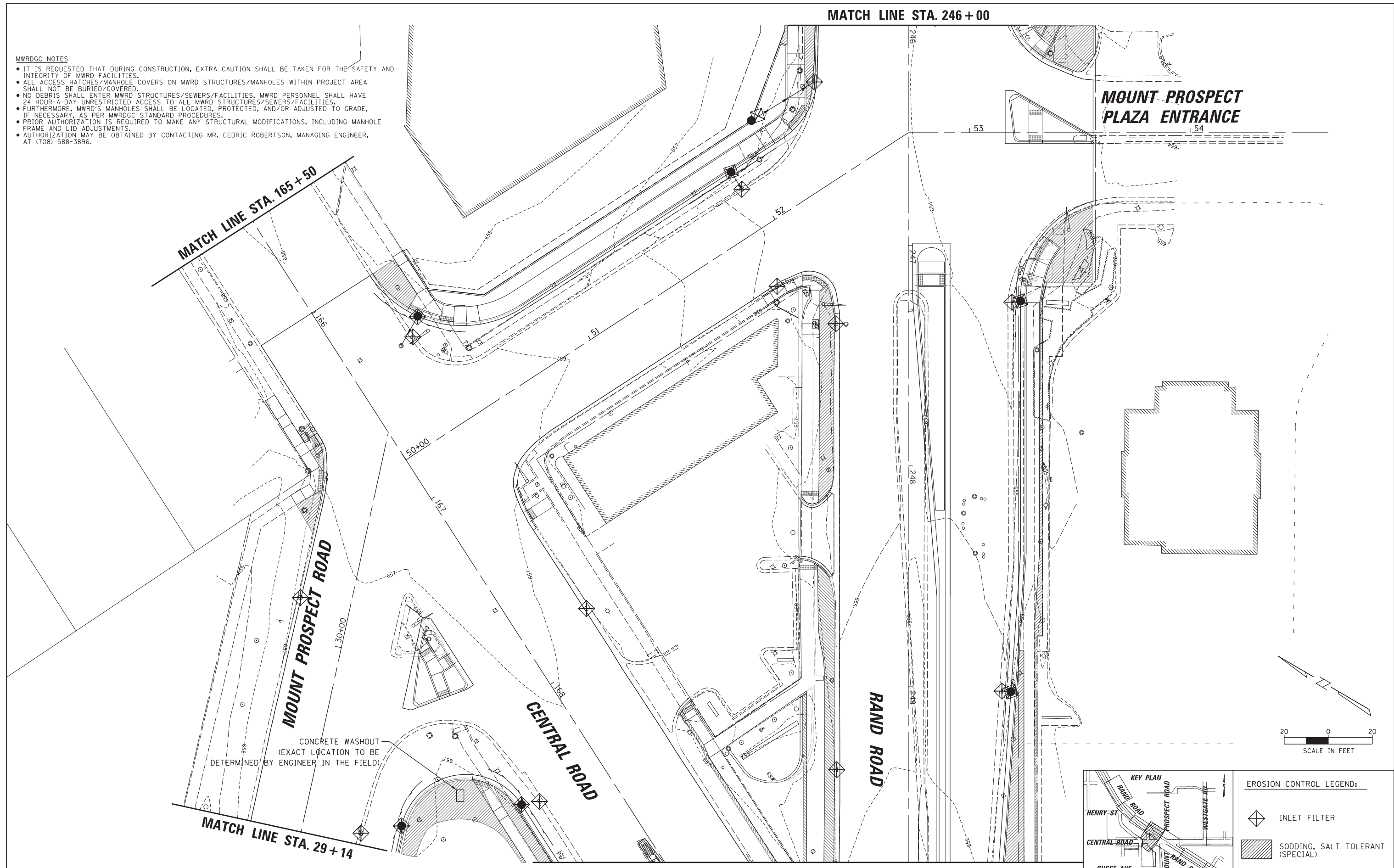
**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS**

SCALE: 1:20 SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H44	

MWRDGC NOTES

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- ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN PROJECT AREA SHALL NOT BE BURIED/COVERED.
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MATCH LINE STA. 165+50

MATCH LINE STA. 246+00

**MOUNT PROSPECT
PLAZA ENTRANCE**

MOUNT PROSPECT ROAD

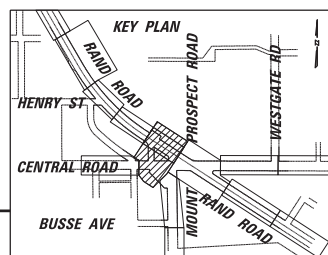
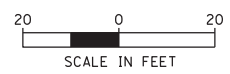
CENTRAL ROAD

RAND ROAD

MATCH LINE STA. 29+14

MATCH LINE STA. 249+80

CONCRETE WASHOUT
(EXACT LOCATION TO BE
DETERMINED BY ENGINEER IN THE FIELD)



EROSION CONTROL LEGEND:

- INLET FILTER
- SODDING, SALT TOLERANT (SPECIAL)

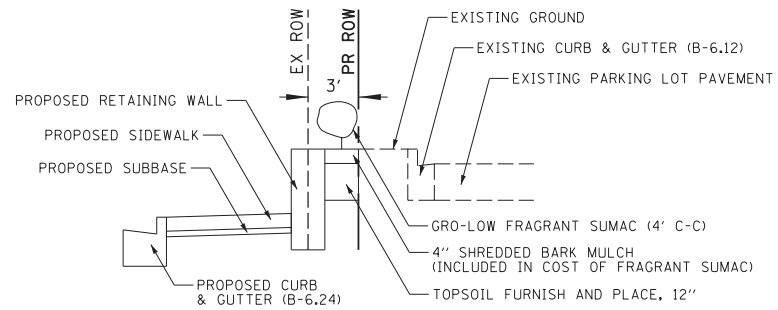
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS**

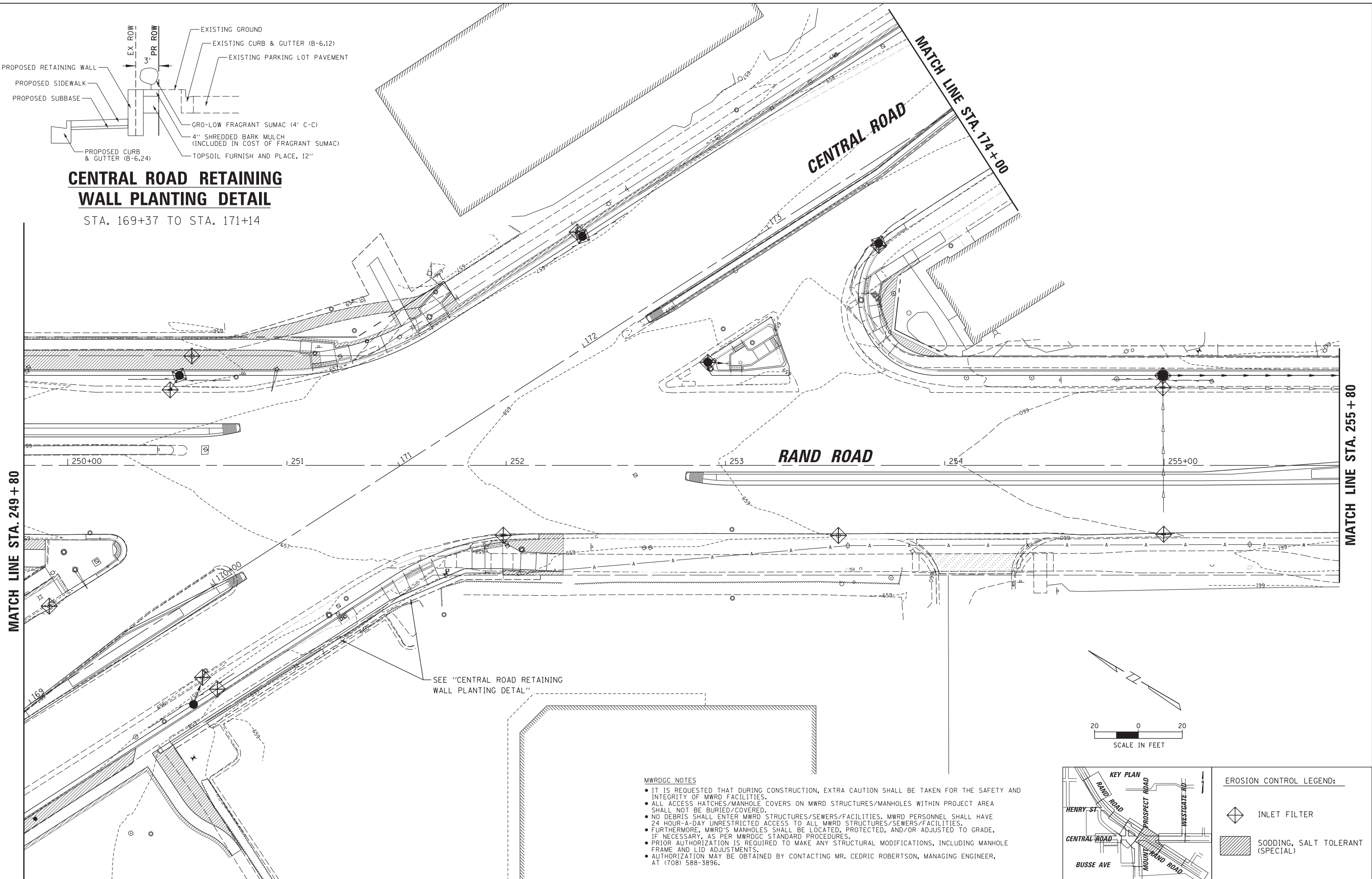
SCALE: 1:20 SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	73
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				



CENTRAL ROAD RETAINING WALL PLANTING DETAIL

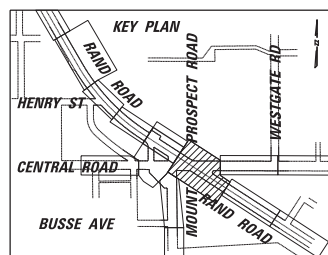
STA. 169+37 TO STA. 171+14



SEE "CENTRAL ROAD RETAINING WALL PLANTING DETAIL"

MWRDGC NOTES

- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
- ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLE WITHIN PROJECT AREA SHALL NOT BE BURIED/COVERED.
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EROSION CONTROL LEGEND:

- INLET FILTER
- SODDING, SALT TOLERANT (SPECIAL)

FILE NAME =	USER NAME = rhowellindgren	DESIGNED -	REVISED -
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Default	PLOT SCALE = 28'	CHECKED -	REVISED -
	PLOT DATE = 5/4/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

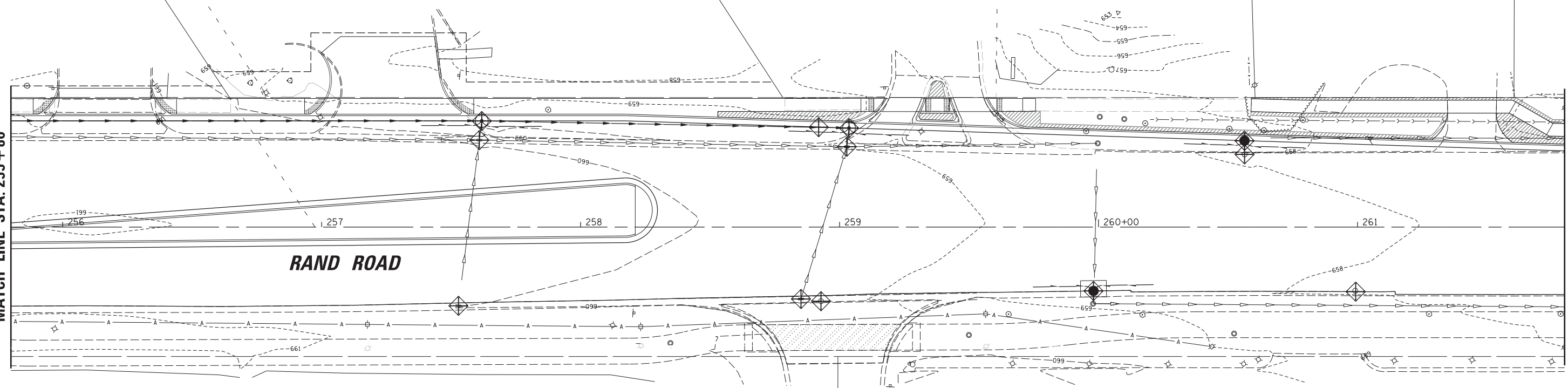
**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS**

SCALE: 1:20 SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	74
				CONTRACT NO. 61H44
ILLINOIS FED. AID PROJECT				

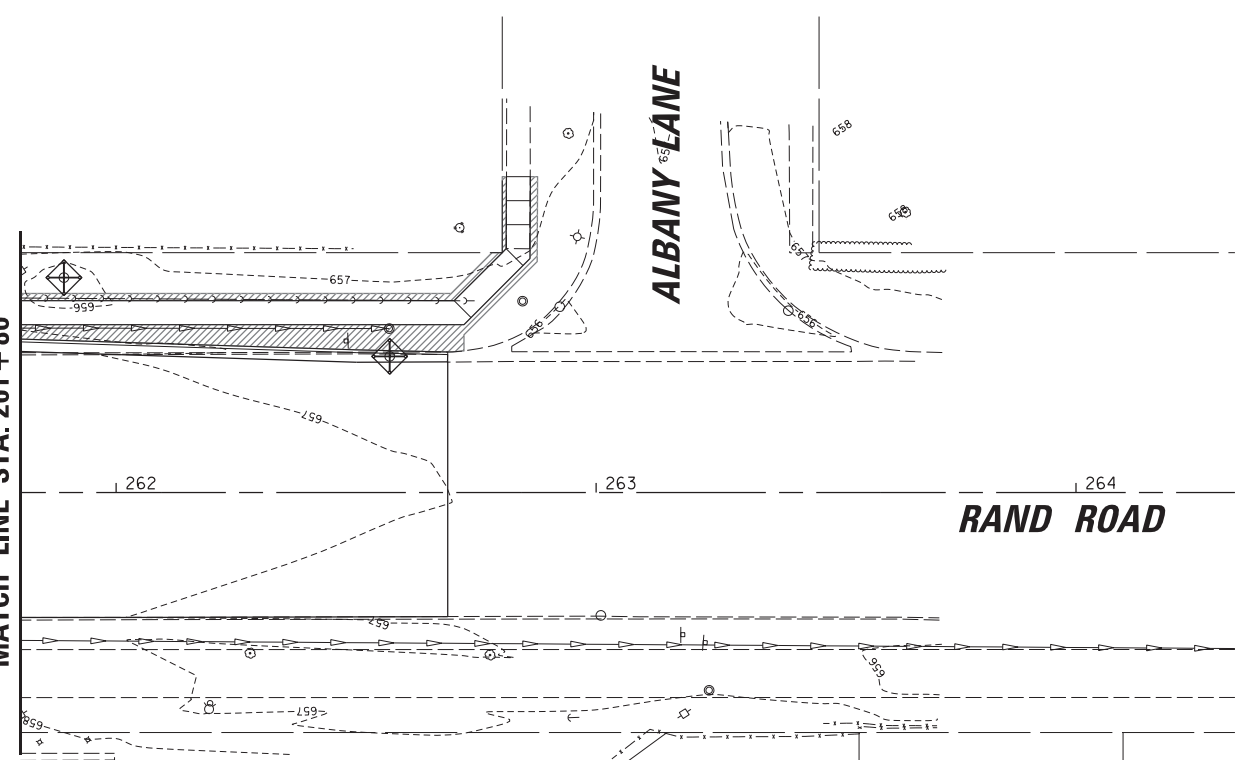
MATCH LINE STA. 255 + 80

MATCH LINE STA. 261 + 80



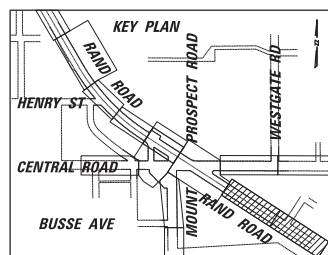
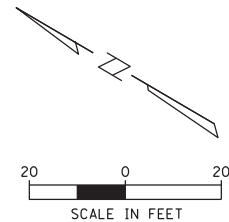
RAND ROAD

MATCH LINE STA. 261 + 80



RAND ROAD

ALBANY LANE



EROSION CONTROL LEGEND:

	INLET FILTER
	SODDING, SALT TOLERANT (SPECIAL)

- MWRDGC NOTES**
- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
 - ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLE WITHIN PROJECT AREA SHALL NOT BE BURIED/COVERED.
 - NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES. MWRD PERSONNEL SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
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 - AUTHORIZATION MAY BE OBTAINED BY CONTACTING MR. CEDRIC ROBERTSON, MANAGING ENGINEER, AT (708) 588-3896.

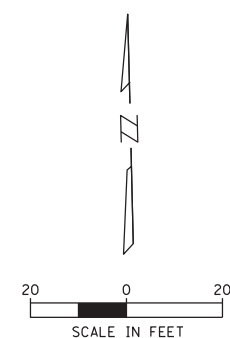
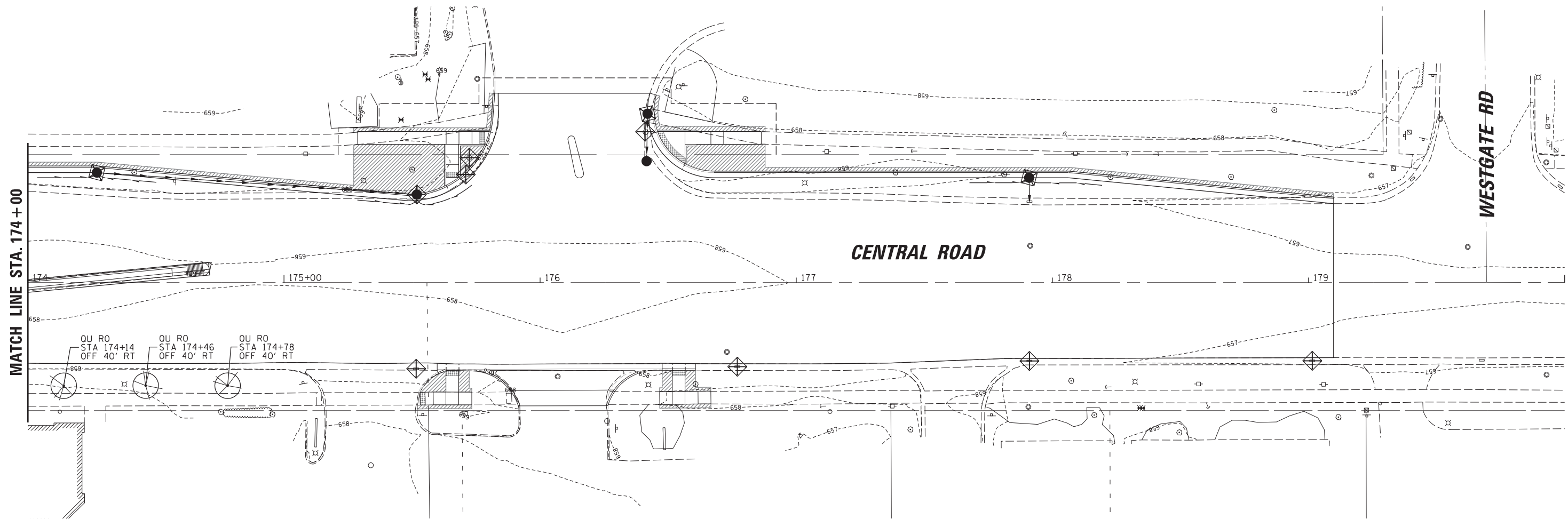
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

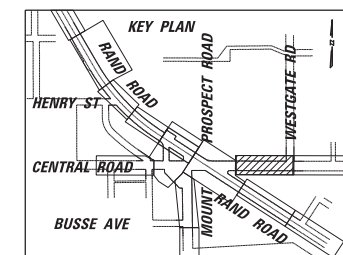
**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS**

SCALE: 1:20 SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	75
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				



- MWRDGC NOTES**
- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
 - ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLE WITHIN PROJECT AREA SHALL NOT BE BURIED/COVERED.
 - NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES. MWRD PERSONNEL SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
 - FURTHERMORE, MWRD'S MANHOLES SHALL BE LOCATED, PROTECTED, AND/OR ADJUSTED TO GRADE, IF NECESSARY, AS PER MWRDGC STANDARD PROCEDURES.
 - PRIOR AUTHORIZATION IS REQUIRED TO MAKE ANY STRUCTURAL MODIFICATIONS, INCLUDING MANHOLE FRAME AND LID ADJUSTMENTS.
 - AUTHORIZATION MAY BE OBTAINED BY CONTACTING MR. CEDRIC ROBERTSON, MANAGING ENGINEER, AT (708) 588-3896.



EROSION CONTROL LEGEND:

	INLET FILTER
	SODDING, SALT TOLERANT (SPECIAL)

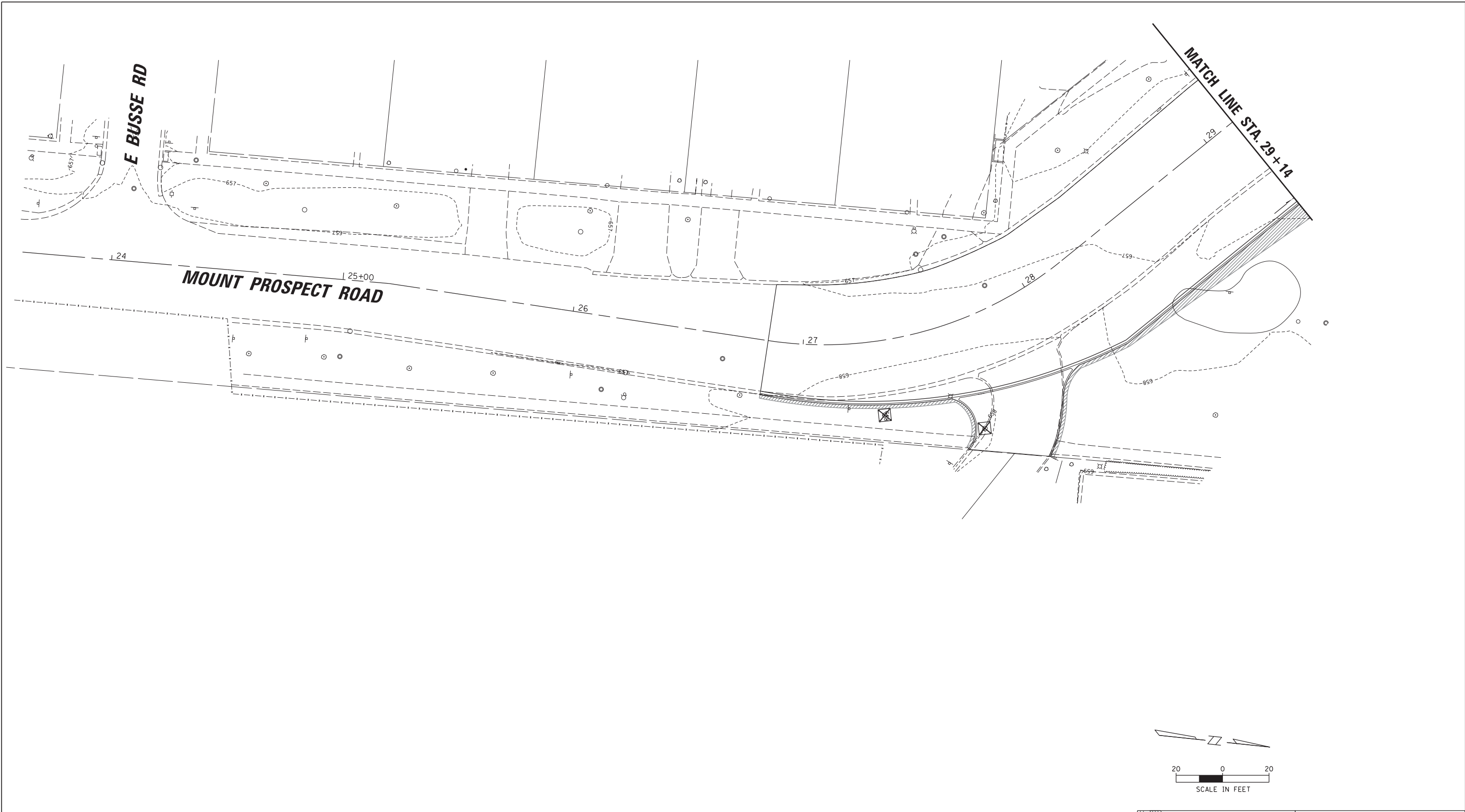
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

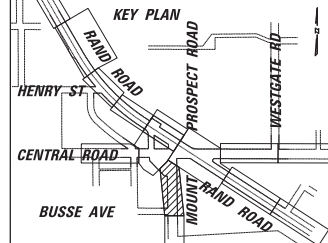
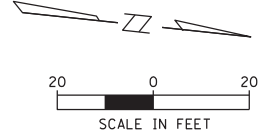
**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS**

SCALE: 1:20 SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	76
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	



- MWRDGC NOTES**
- IT IS REQUESTED THAT DURING CONSTRUCTION, EXTRA CAUTION SHALL BE TAKEN FOR THE SAFETY AND INTEGRITY OF MWRD FACILITIES.
 - ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLE WITHIN PROJECT AREA SHALL NOT BE BURIED/COVERED.
 - NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES. MWRD PERSONNEL SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/FACILITIES.
 - FURTHERMORE, MWRD'S MANHOLES SHALL BE LOCATED, PROTECTED, AND/OR ADJUSTED TO GRADE, IF NECESSARY, AS PER MWRDGC STANDARD PROCEDURES.
 - PRIOR AUTHORIZATION IS REQUIRED TO MAKE ANY STRUCTURAL MODIFICATIONS, INCLUDING MANHOLE FRAME AND LID ADJUSTMENTS.
 - AUTHORIZATION MAY BE OBTAINED BY CONTACTING MR. CEDRIC ROBERTSON, MANAGING ENGINEER, AT (708) 588-3896.



EROSION CONTROL LEGEND:

	INLET FILTER
	SODDING, SALT TOLERANT (SPECIAL)

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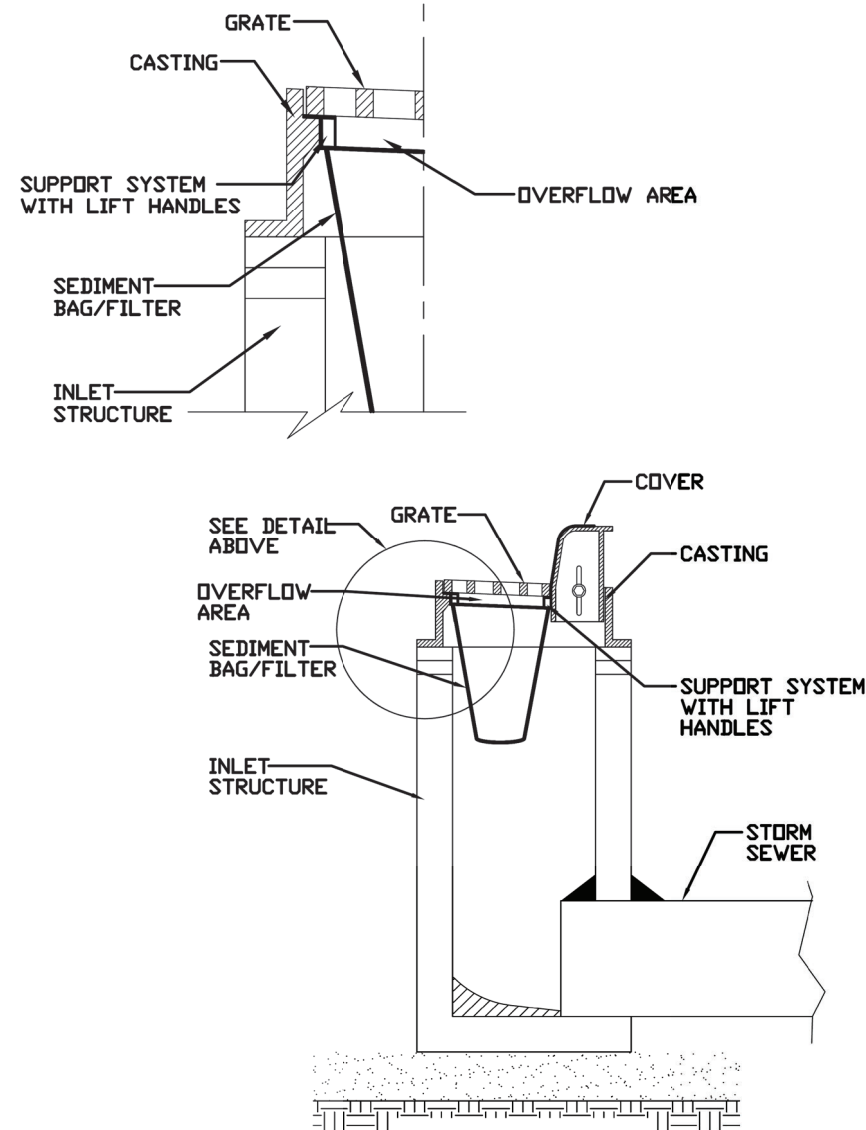
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL PLANS**

SCALE: 1:20 SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	77
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



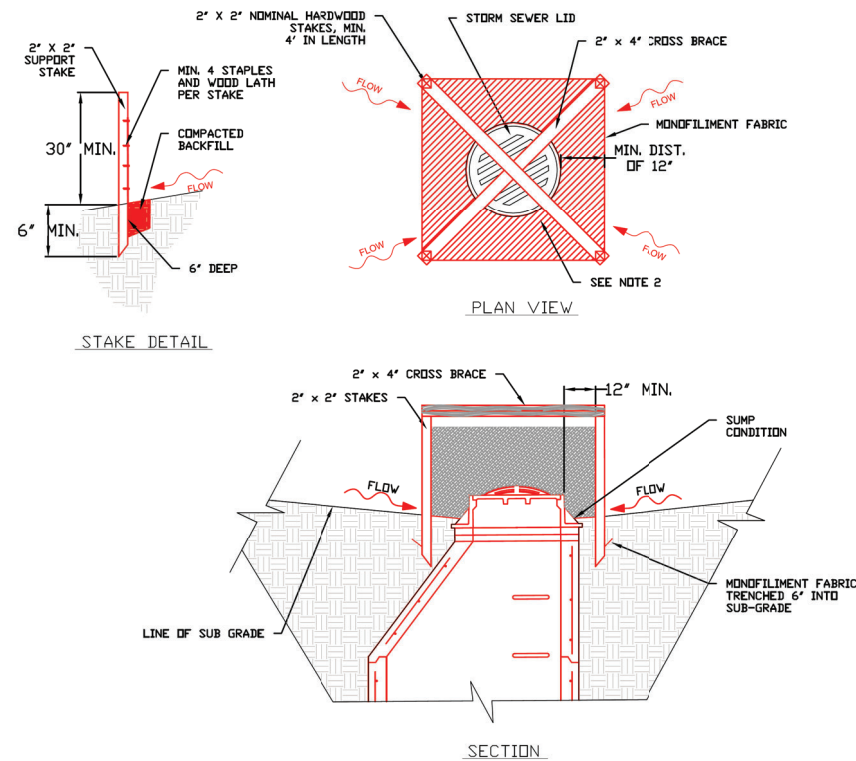
REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____



STANDARD DWG. NO.
IUM-561D
SHEET 1 OF 1
DATE 01-11-11

INLET FILTERS

INLET PROTECTION - MONOFILAMENT FABRIC BARRIER FENCE



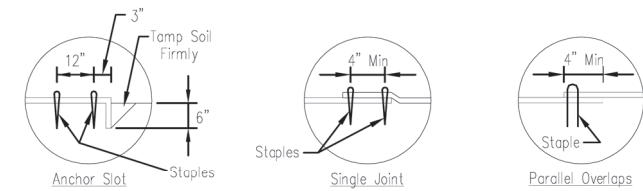
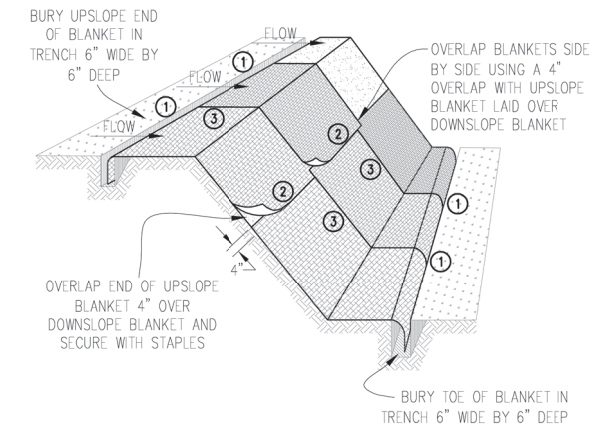
NOTES:

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

REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____

STANDARD DWG. NO.
IUM-531
SHEET 1 OF 1
DATE 04-6-15

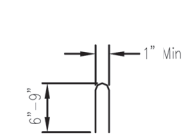
INLET AND PIPE PROTECTION



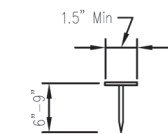
DETAIL 1

DETAIL 2

DETAIL 3



STAPLE DETAIL



PUSH PIN DETAIL

NOTES:

1. Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non-stiched shall use 4 staples per s.y. of material. This equates to 200 staples with stiched blanket and 400 staples with non-stiched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be paced in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

FILE NAME: IUM-531
PROJECT: RAND RD. - MOUNT PROSPECT RD. IMPROVEMENTS
DATE: 04-6-15

EROSION CONTROL
BLANKET INSTALLATION DETAILS

Designed _____ Date _____
Drawn B. JOHNSON 11/08
Checked _____
Approved _____

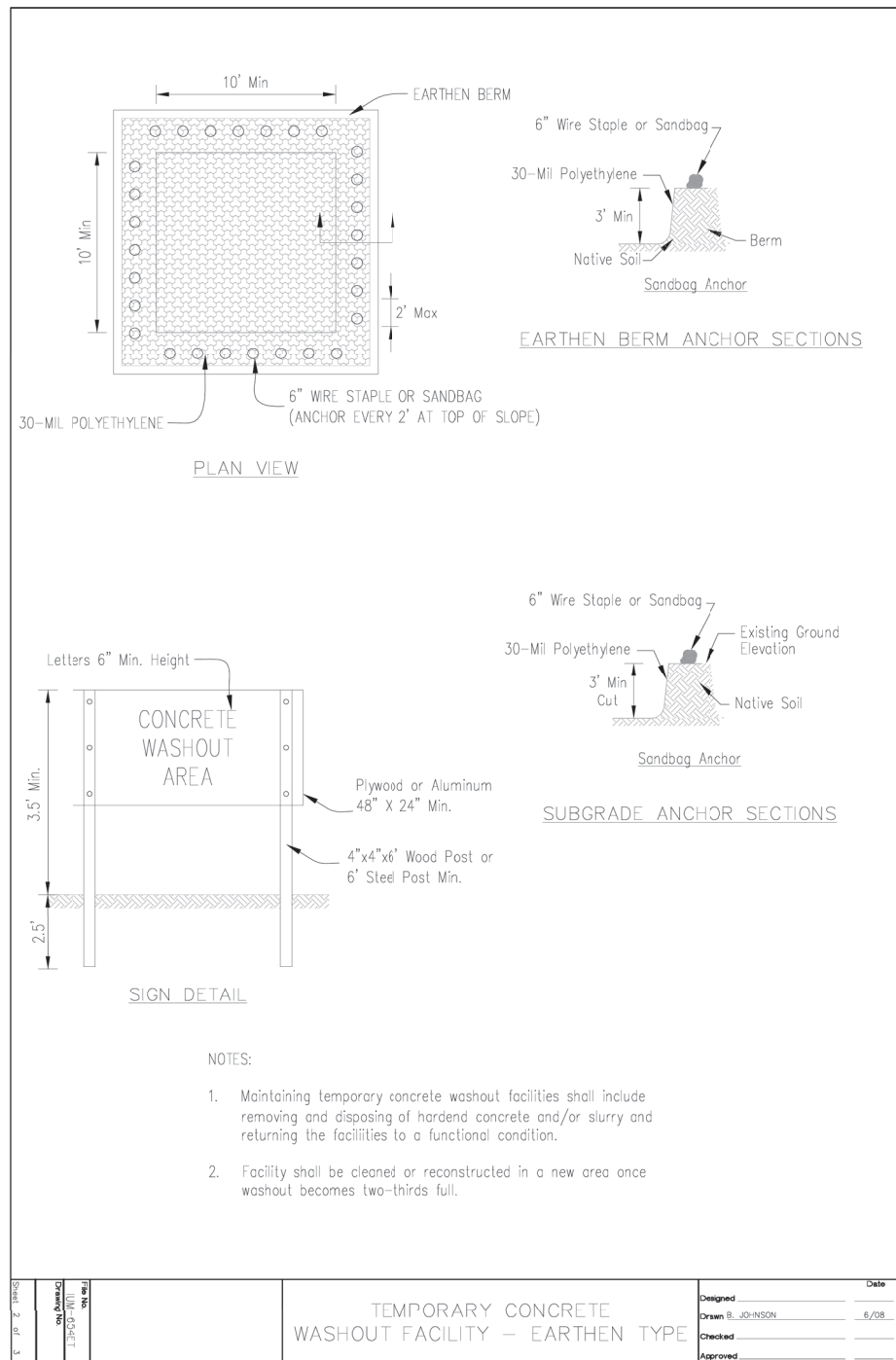
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

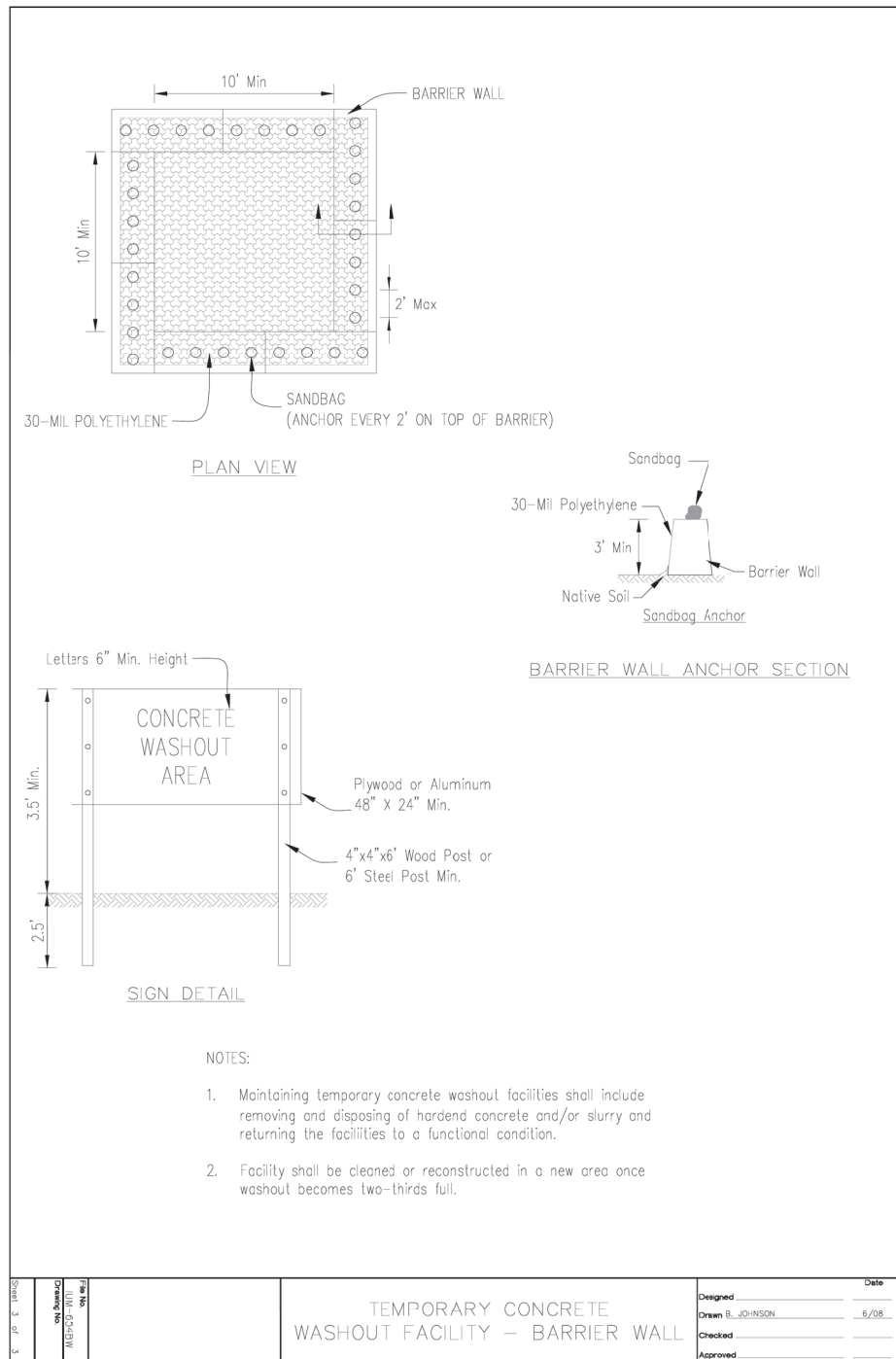
**RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL DETAILS**

SCALE: 1:20 SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	78
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				



WASHOUT BASIN



WASHOUT BASIN

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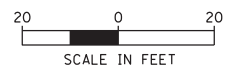
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAND RD. - CENTRAL RD. - MOUNT PROSPECT RD. IMPROVEMENTS
LANDSCAPING, SOIL EROSION AND SEDIMENT CONTROL DETAILS**

SCALE: 1:20 SHEET 12 OF 12 SHEETS STA. TO STA.

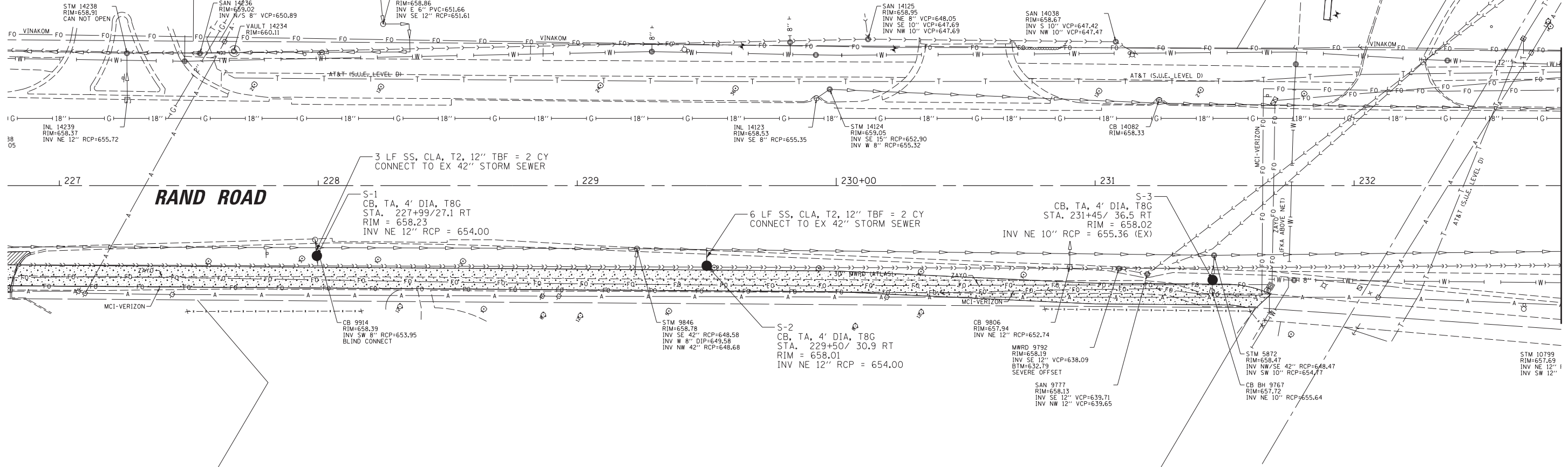
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334	17-00166-00-CH	COOK	264	79
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	

NOTE: RCCP SEWER PIPE SHALL MEET ASTM C-76 SPECIFICATIONS.
 RCCP SEWER JOINTS SHALL MEET ASTM C-443 SPECIFICATIONS.
 CONNECTION TO THE EXISTING MANHOLES SHALL BE MADE WITH
 RESILIENT CONNECTORS COMPLYING WITH ASTM STANDARD C-923.
 SEE PIPE TO EXISTING MANHOLE CONNECTION DETAIL.

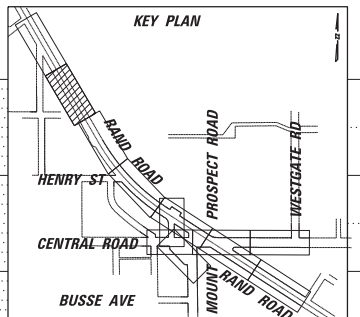
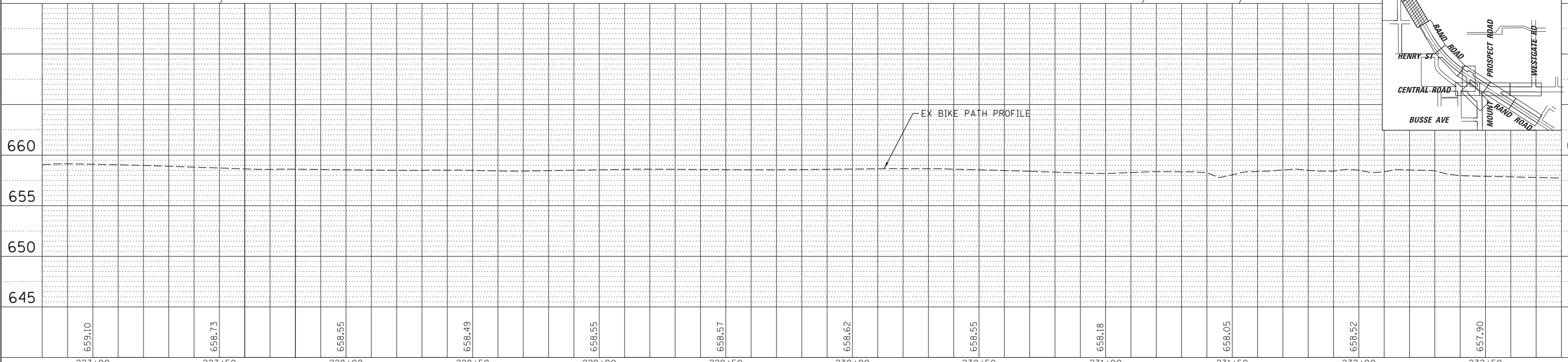


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ALIGNED	
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GRADES	
STRUCTURE	
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NO.	



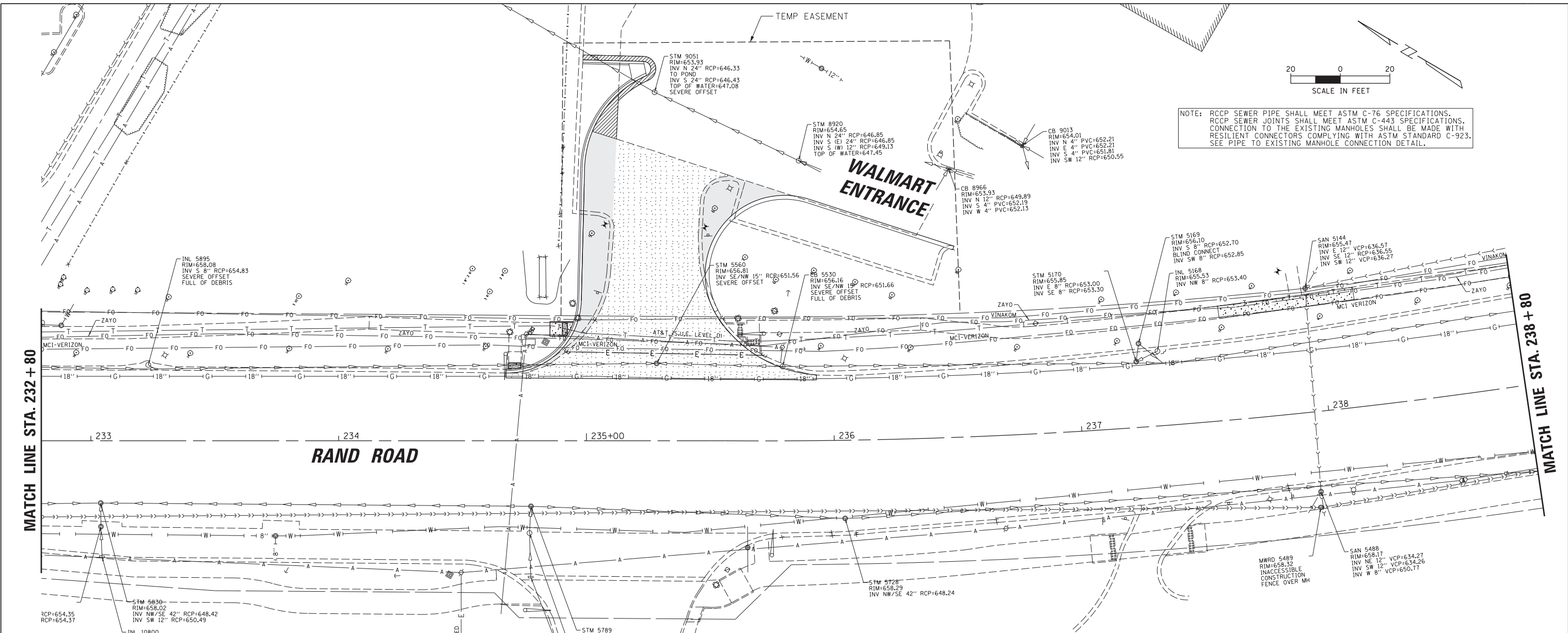
MATCH LINE STA. 232+80



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - MBT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS DRAINAGE PLAN AND PROFILE		F.A.P. RTE. 334	SECTION 17-00166-00-CH	COUNTY COOK	TOTAL SHEETS 264	SHEET NO. 80
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Default	PLOT DATE = 5/4/2022	CHECKED - SNS	REVISED -								
		DATE -	REVISED -								

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
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	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
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	CHFD	
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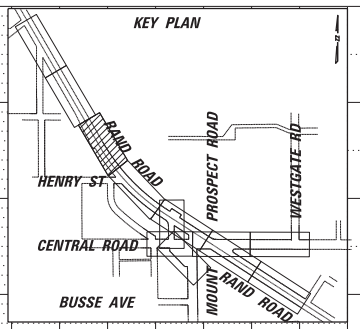
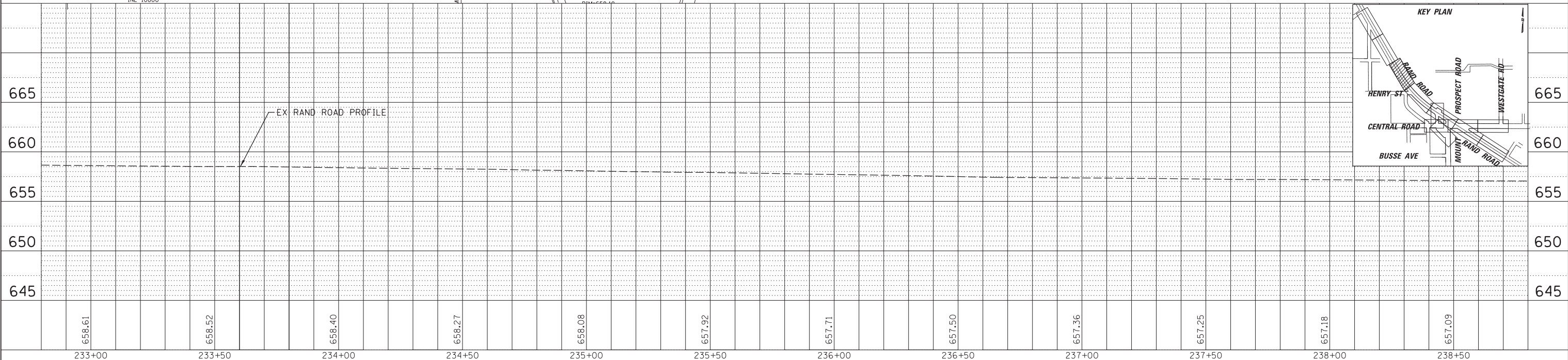


NOTE: RCCP SEWER PIPE SHALL MEET ASTM C-76 SPECIFICATIONS. RCCP SEWER JOINTS SHALL MEET ASTM C-443 SPECIFICATIONS. CONNECTION TO THE EXISTING MANHOLES SHALL BE MADE WITH RESILIENT CONNECTORS COMPLYING WITH ASTM STANDARD C-923. SEE PIPE TO EXISTING MANHOLE CONNECTION DETAIL.

MATCH LINE STA. 232 + 80

MATCH LINE STA. 238 + 80

RAND ROAD



FILE NAME =	USER NAME = rhowellindgren	DESIGNED - MBT	REVISED -	F.A.P. RTE. 334	SECTION 17-00166-00-CH	COUNTY COOK	TOTAL SHEETS 264	SHEET NO. 81
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Default	PLOT DATE = 5/4/2022	CHECKED - SNS	REVISED -					
		DATE -	REVISED -					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
DRAINAGE PLAN AND PROFILE

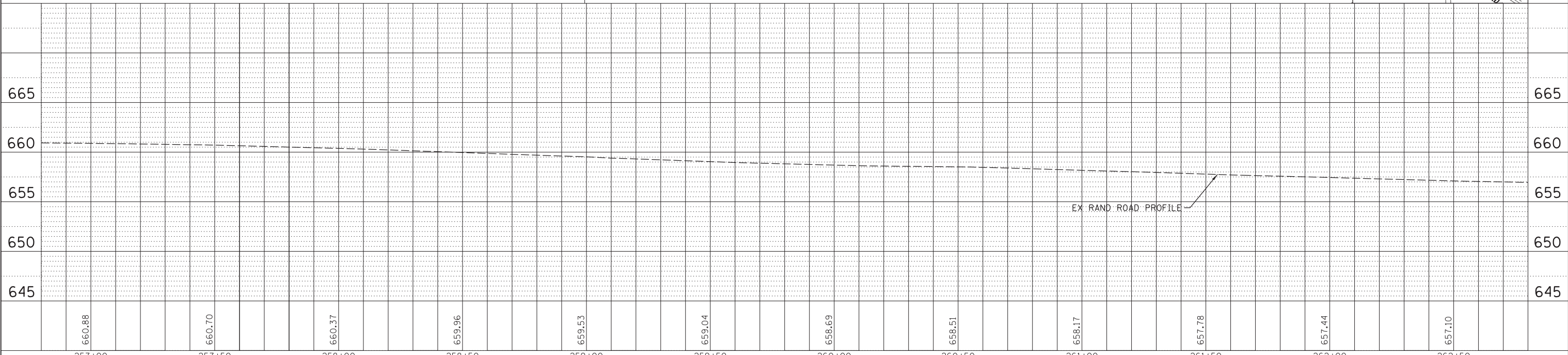
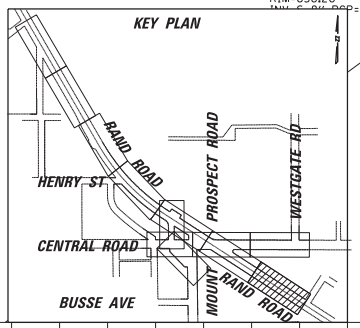
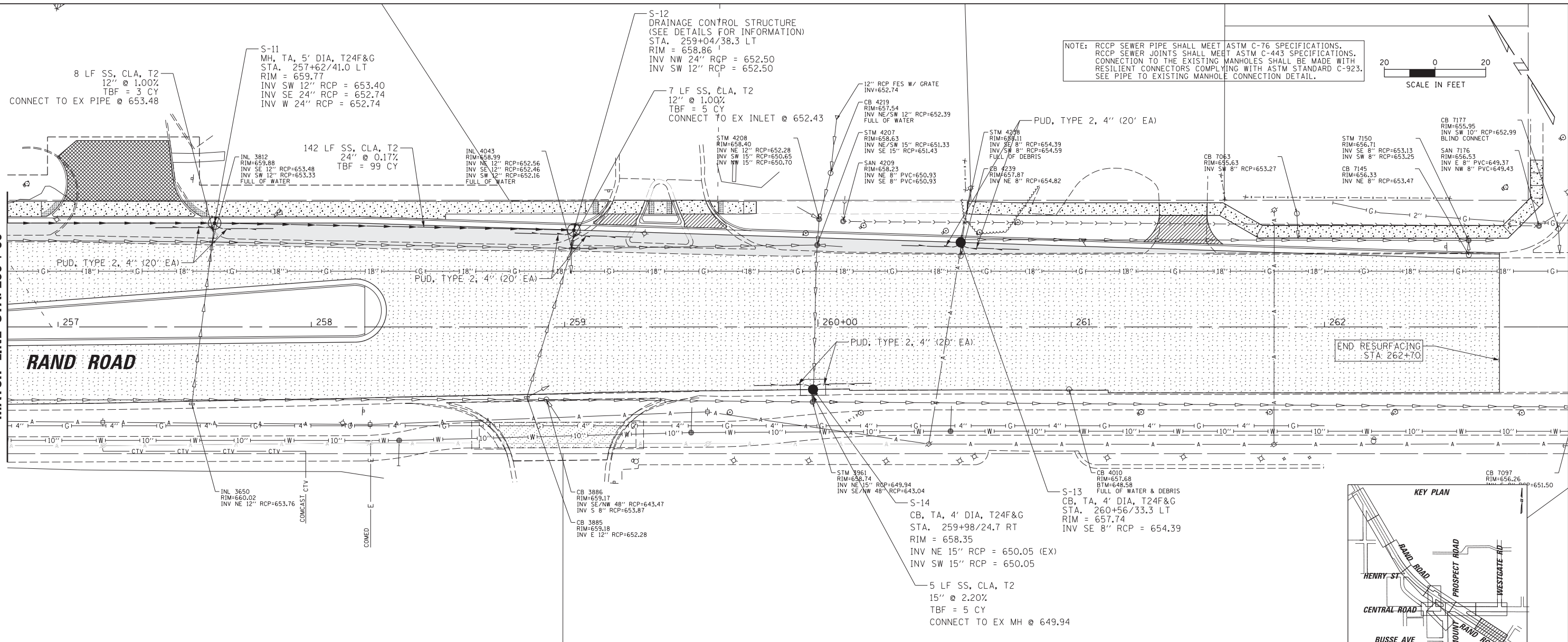
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NOTE BOOK NO.	
CADD FILE NAME	

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PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

NOTE: RCCP SEWER PIPE SHALL MEET ASTM C-76 SPECIFICATIONS.
 RCCP SEWER JOINTS SHALL MEET ASTM C-443 SPECIFICATIONS.
 CONNECTION TO THE EXISTING MANHOLES SHALL BE MADE WITH
 RESILIENT CONNECTORS COMPLYING WITH ASTM STANDARD C-923.
 SEE PIPE TO EXISTING MANHOLE CONNECTION DETAIL.



MATCH LINE STA. 256 + 80



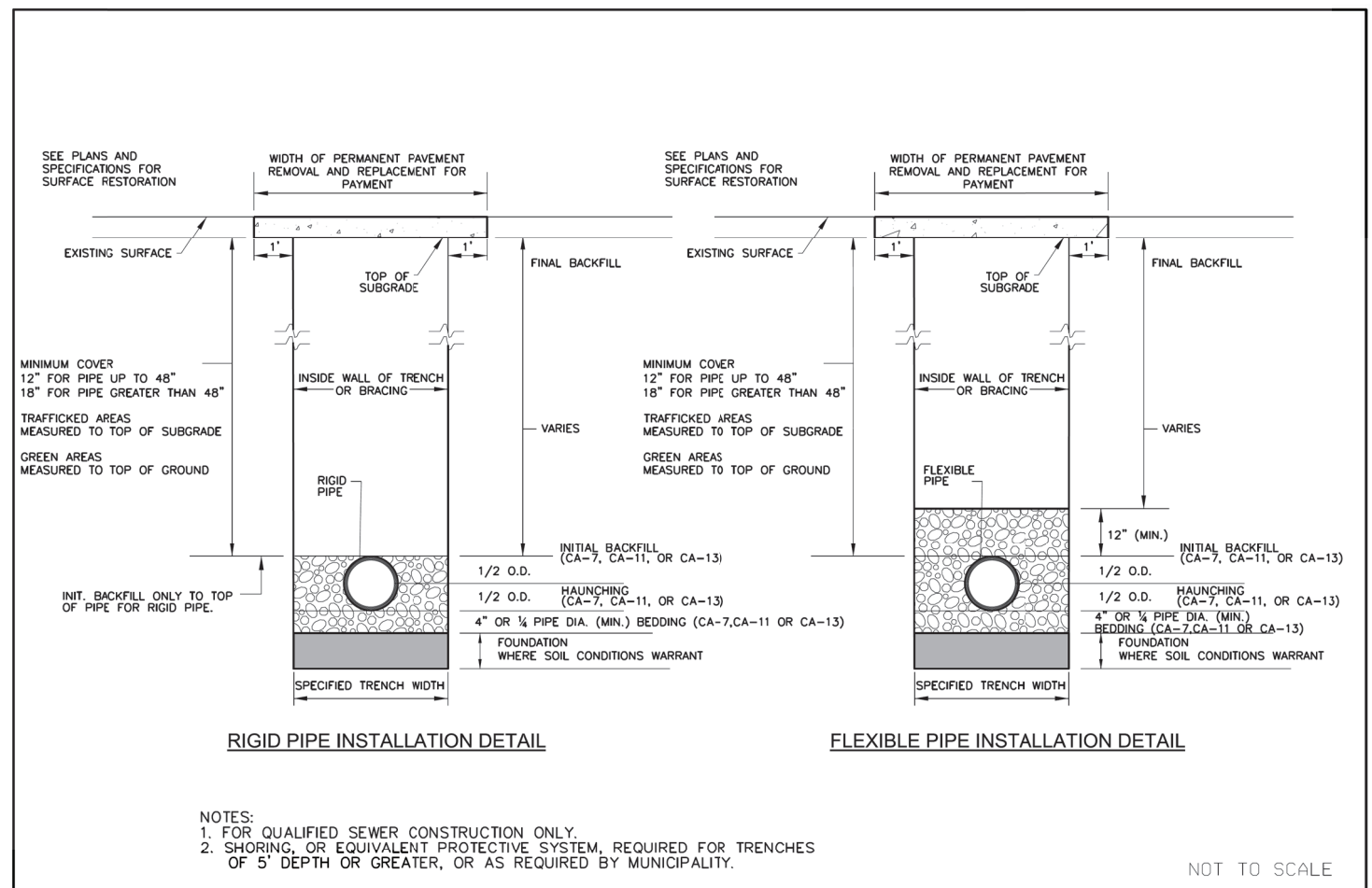
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Default	PLOT DATE = 5/4/2022	CHECKED - SNS	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
 DRAINAGE PLAN AND PROFILE**

SCALE: 1:20 SHEET 6 OF 11 SHEETS STA. TO STA.

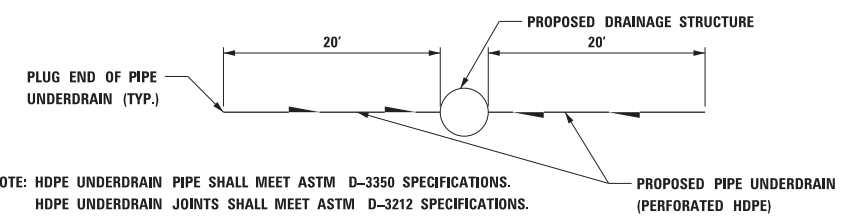
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	85
CONTRACT NO. 61H44			ILLINOIS FED. AID PROJECT	



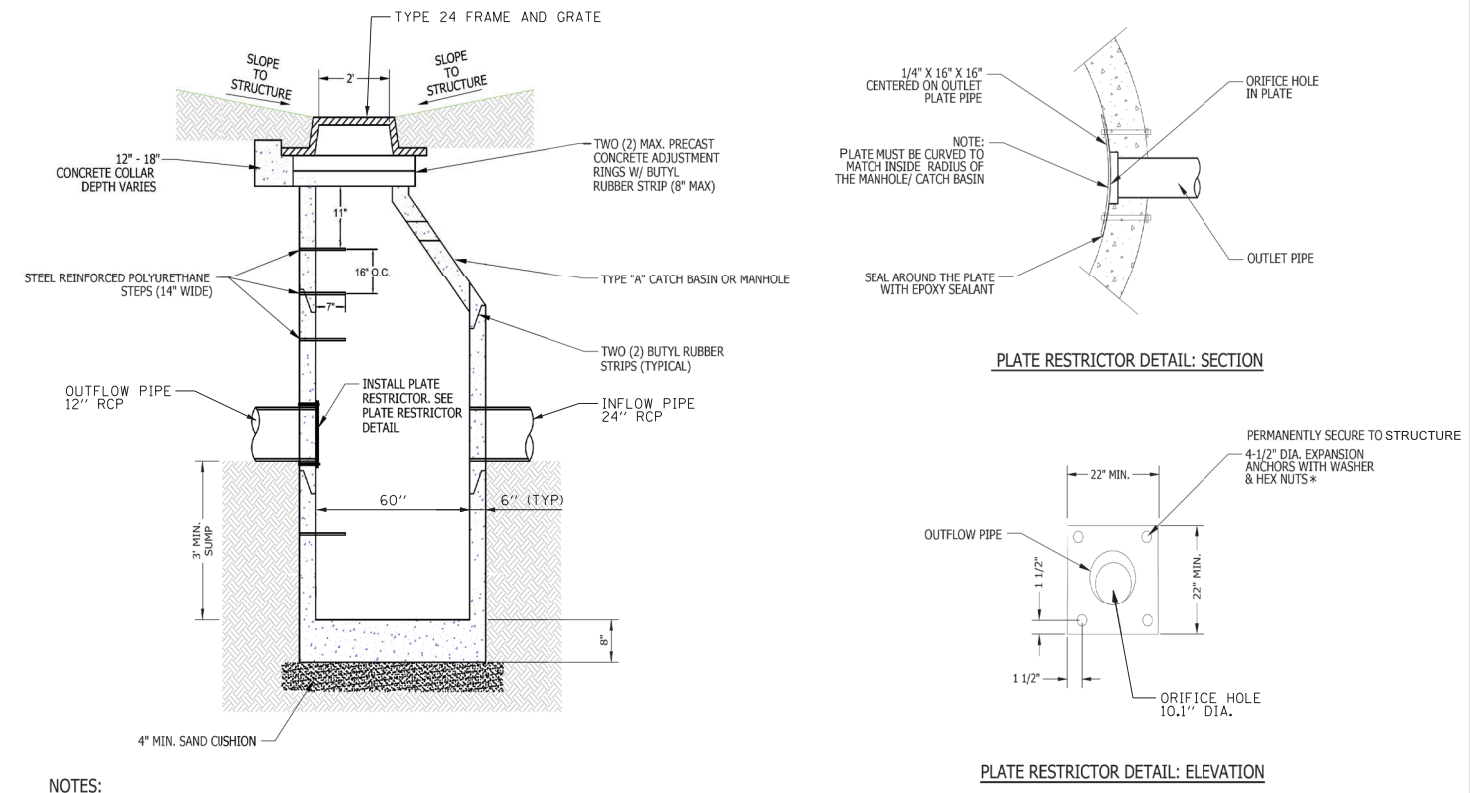
NOTES:
 1. FOR QUALIFIED SEWER CONSTRUCTION ONLY.
 2. SHORING, OR EQUIVALENT PROTECTIVE SYSTEM, REQUIRED FOR TRENCHES OF 5' DEPTH OR GREATER, OR AS REQUIRED BY MUNICIPALITY.

NOT TO SCALE

	TECHNICAL GUIDANCE MANUAL	7/1/15
	RIGID AND FLEXIBLE PIPE INSTALLATION DETAIL	STD. DWG. NO. 34
		PAGE NO. 35

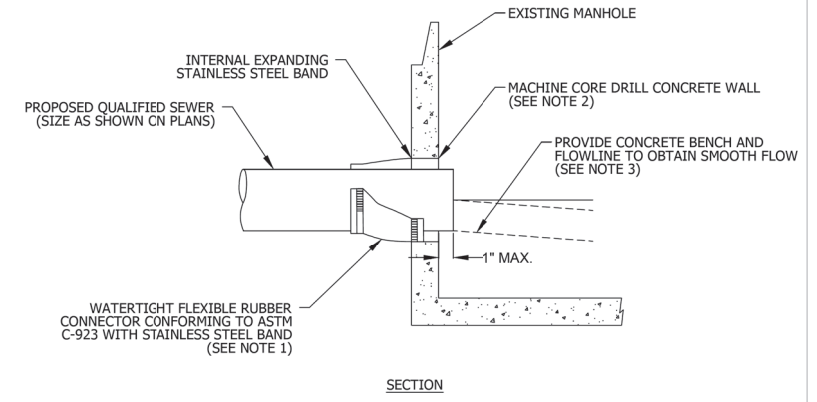


PIPE UNDERDRAINS, TYPE 2, 4"
 NOT TO SCALE



- NOTES:
- CATCH BASINS MUST CONFORM TO ASTM C-478.
 - CATCH BASIN SECTIONS TO BE TONGUE AND GROOVED.
 - NON-SHRINKGROUT OR CEMENT TO BE USED ON ALL PENETRATIONS INSIDE AND OUTSIDE OF STRUCTURE.
 - ALL PIPE PENETRATIONS TO BE CORED, RUBBER BOOTED AND INTERIOR GROUTED (NON-SHRINK) OR CEMENTED, ASTM C923 CONNECTORS IN COMBINED SEWER AREAS.
 - SEE PLANS FOR RIM AND INVERT INFORMATION.
 - BASIS OF PAYMENT FOR THE STRUCTURE WILL BE "DRAINAGE CONTROL STRUCTURE" EACH.

DRAINAGE CONTROL STRUCTURE



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

NOT TO SCALE

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

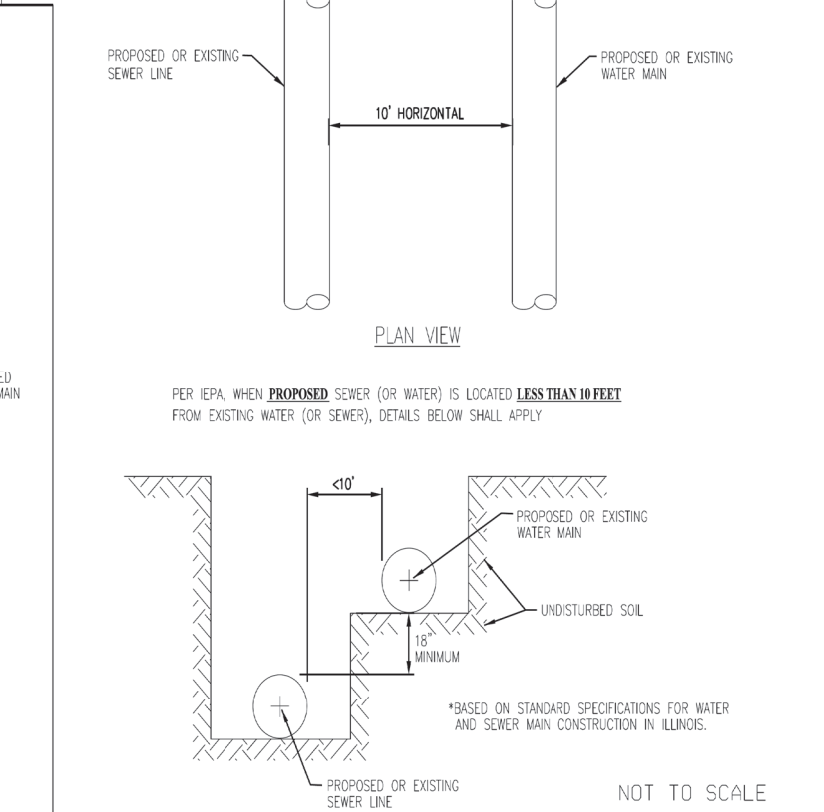
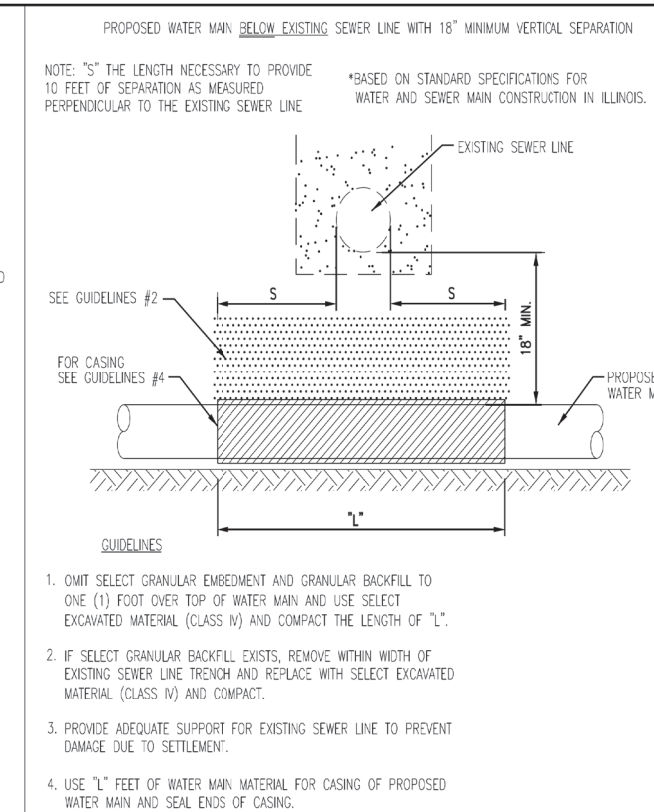
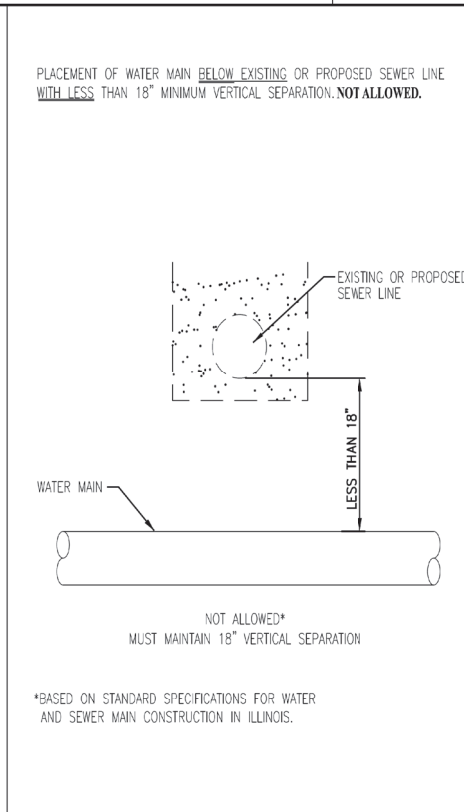
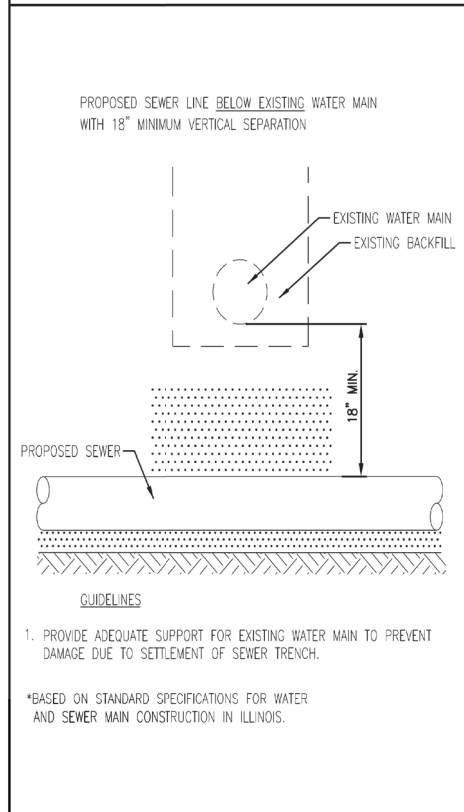
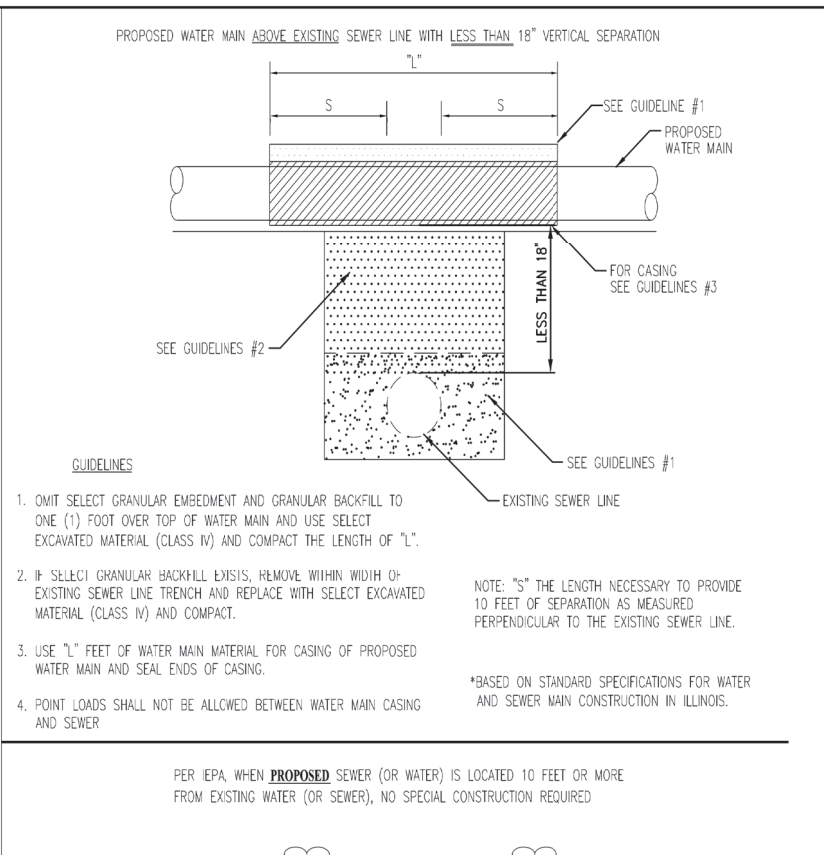
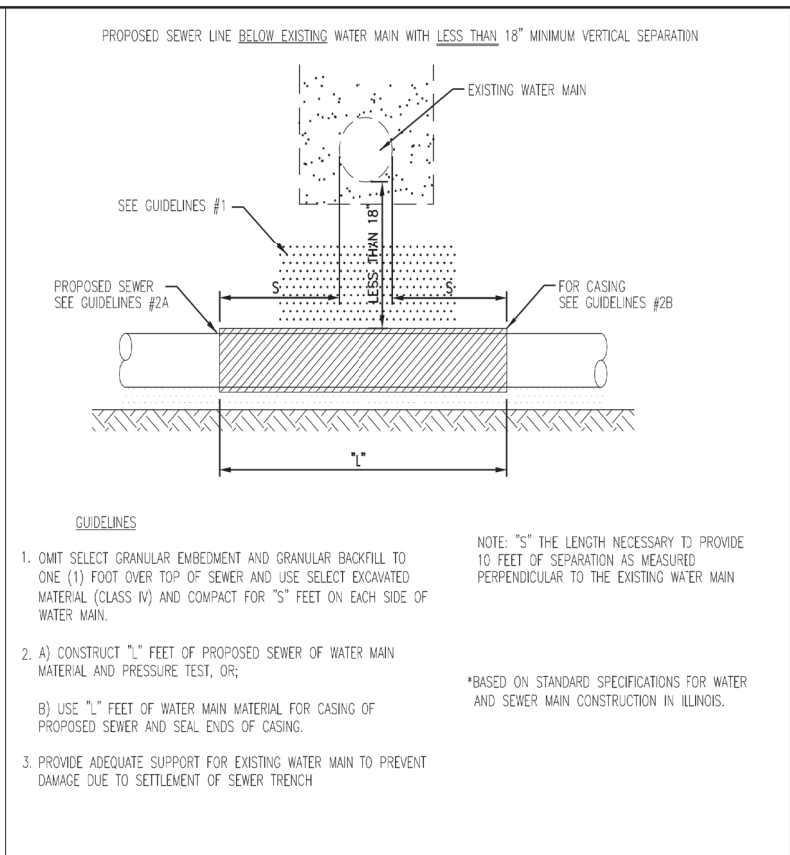
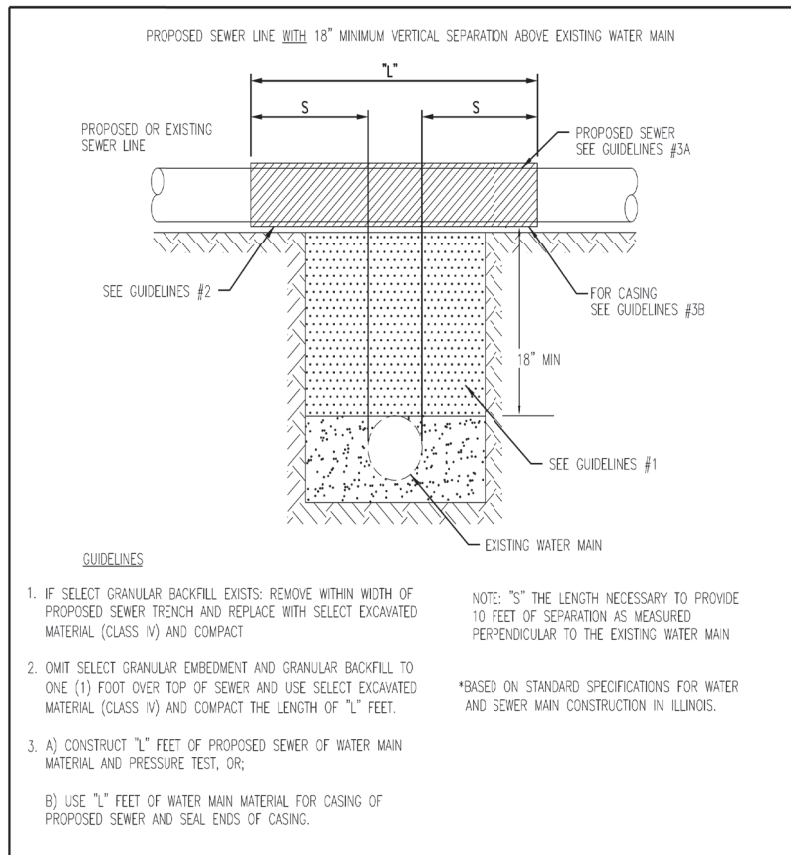
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	PLOT DATE = 5/4/2022	DATE -	REVISED -

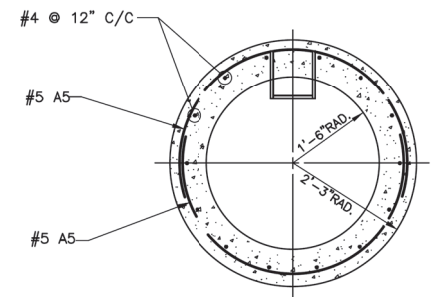
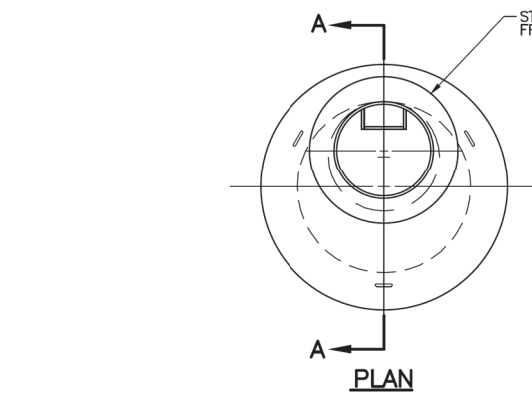
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RAND RD.- CENTRAL RD.- MOUNT PROSPECT RD. IMPROVEMENTS
 DRAINAGE DETAILS**

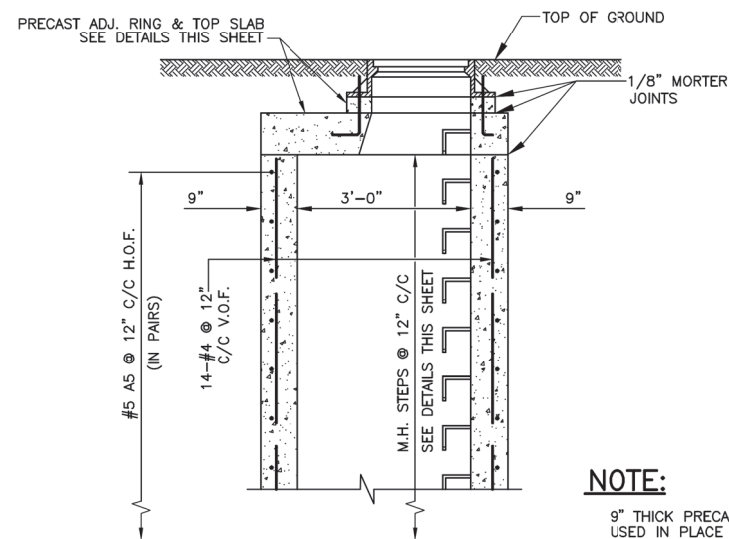
SCALE: 1:20 SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	17-00166-00-CH	COOK	264	91
CONTRACT NO. 61H44				
ILLINOIS FED. AID PROJECT				





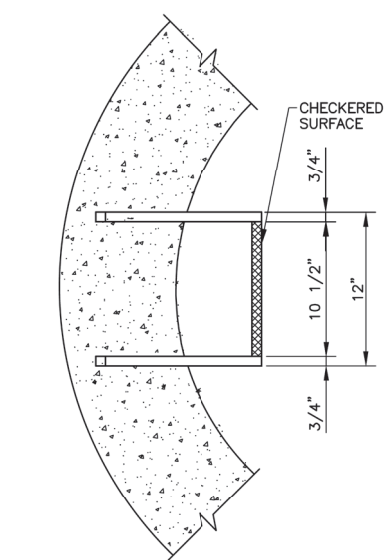
SECTIONAL PLAN



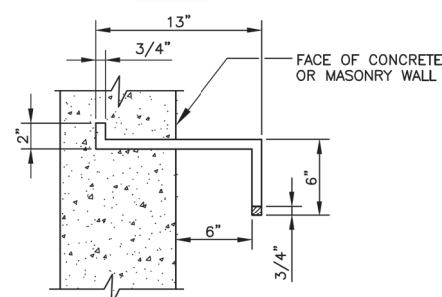
SECTION "A-A"
STANDARD MANHOLE BARREL
NOT TO SCALE

NOTE:

- 9" THICK PRECAST CONCRETE RINGS WITH CAST IN PLACE RUNGS MAY BE USED IN PLACE OF CAST IN PLACE CONCRETE WHEN EXTENDING THE HEIGHT OF THE MANHOLE BARREL. ALL EXTENSION SHALL BE IN ONE PIECE AND IN INCREMENTS OF 12".
- ALL JOINTS SHALL BE CLEANED, SQUARED AND GROUTED IN A MANNER TO PRECLUDE POSSIBILITY OF LEAKS AT JOINT.
- THE PRECAST TOP SLAB SHALL BE REMOVED AND REPLACED AS REQUIRED.
- ALL ELEMENTS OF THE MANHOLE DISTURBED OR DAMAGED DURING ALTERATION SHALL BE CORRECTED OR REPLACED TO MEET THE STANDARD HEREIN SHOWN AND SPECIFIED.
- ALL CONCRETE SHALL BE CLASS "RA".
- ALL GROUT SHALL BE 1 PART CEMENT TO 3 PARTS SAND WITH MINIMUM WATER TO ACHIEVE A STIFF PLASTIC CONSISTANCY WITH ZERO SLUMP.
- ALL WORKMANSHIP AND MATERIALS NOT SPECIFIED SHALL BE AS PER STANDARD FREPRINTED MWRDCC SPECIFICATIONS TITLED:
 GENERAL SPECIFICATIONS - CONSTRUCTION CONTRACTS
 GENERAL SPECIFICATIONS - SEWERS
 GENERAL SPECIFICATIONS - CONCRETE



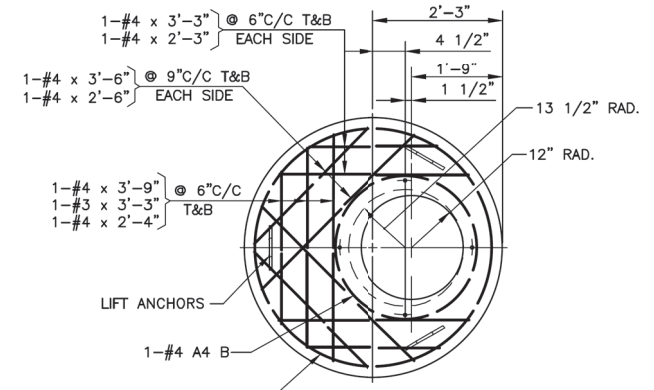
PLAN



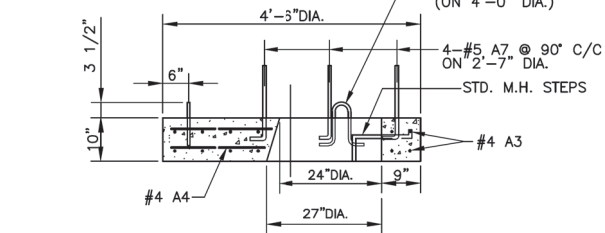
ELEVATION
MANHOLE STEPS
NOT TO SCALE

MATERIAL:

DUCTILE IRON GRADE 65-45-12
FULLY ANNEALED CONFORMING
TO ASTM SPECIFICATIONS



PLAN

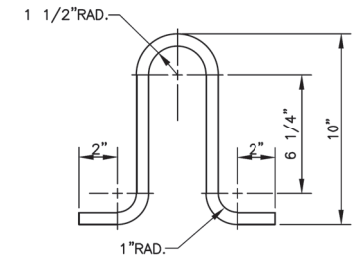


SECTION
PRECAST TO SLAB DETAIL
NOT TO SCALE

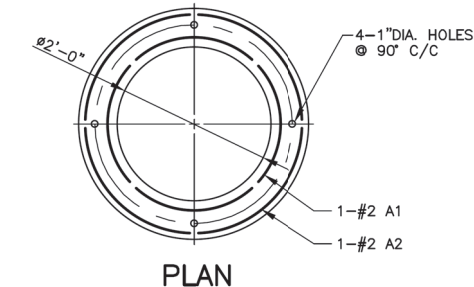
RE-BAR BENDING DETAILS						
MARK	SIZE	LENGTH	TYPE	A	B	R
A1	#2	7'-6"	②	-	-	13 1/2"
A2	#2	9'-6"	②	-	-	17"
A3	#4	13'-6"	②	-	-	24"
A4	#4	9'-3"	②	-	-	16 1/2"
A5	#5	7'-10"	③	8'-9"	-	27 1/2"
A7	#5	2'-0"	①	6"	1'-6"	-

PROCEDURE:

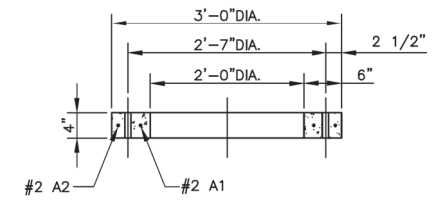
- A) TO RAISE ELEVATION 0" TO 8" MAX, ADD 4" THICK ADJUSTMENT RINGS AS DETAILED. INCREMENTS OF LESS THAN 4" SHALL BE OBTAINED BY HAND PACKING A DRY CEMENT GROUT OVER 100% OF THE BEARING AREA.
- B) TO RAISE ELEVATION OVER 8" AND LESS THAN 12", REMOVE THE 4" ADJUSTMENT RING AND EXTEND THE 9" THICK MANHOLE BARREL 12" WITH CAST IN PLACE CONCRETE REINFORCED AS DETAILED AND WITH LADDER RUNG AS DETAILED. TOP OF EXISTING CONCRETE TO BE CLEANED AND ROUGHENED AND NEW CONCRETE PLACED IN A MANNER TO INSURE BONDING AND NO LEAKAGE. FOR INCREMENTS BETWEEN 8" AND 12" PLACE GROUT FILLER AS IN (A) ABOVE.



LIFT ANCHOR DETAIL
NOT TO SCALE
MATERIAL:
5/8" DIA. x 2'-3" A-36 STEEL
ROD GALVANIZED AFTER FABRICATION



PLAN



SECTION
PRECAST ADJUSTMENT RING DETAIL
NOT TO SCALE

- C) TO RAISE ELEVATION 12" AND ABOVE, ADD TO 9" THICK MANHOLE BARREL ONLY IN INCREMENTS OF 12" WITH RUNGS AT 12" O.C. AS DESCRIBED IN (B). FOR INCREMENTS BETWEEN 12" ADD OR REMOVE 4" ADJUSTMENT RINGS AND GROUT FILLER AS DESCRIBED IN (A) AND (B).

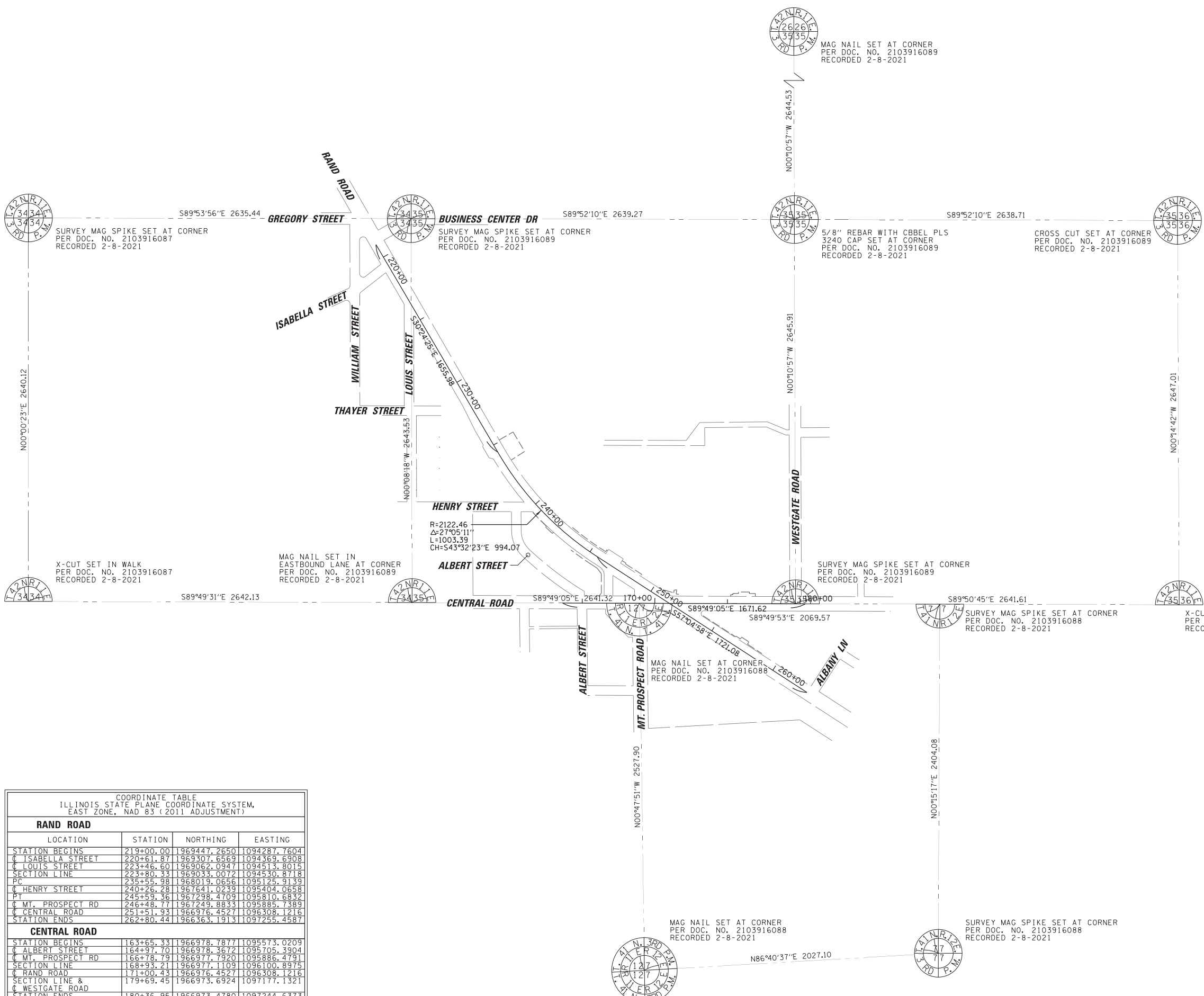
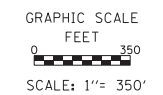
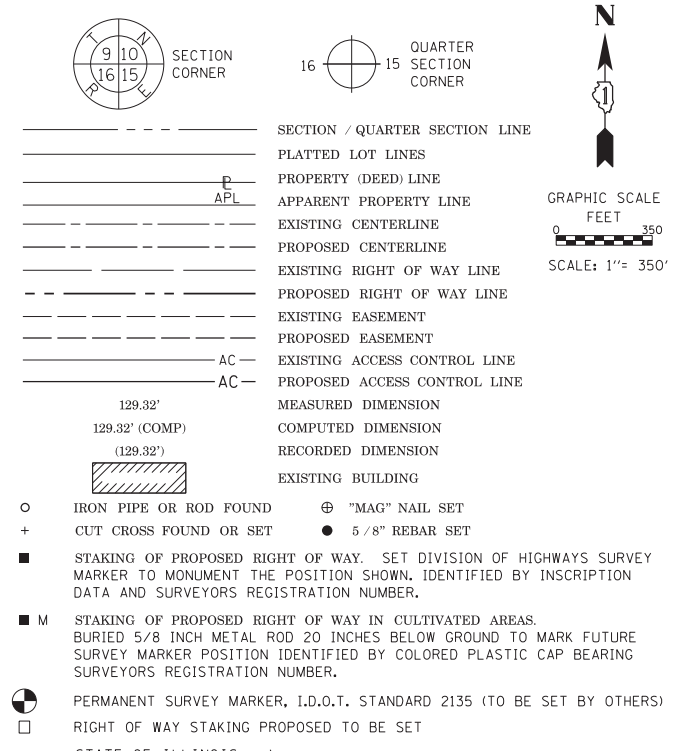
Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO			
Designed by:	Checked by:	Date:	Correct:
XX	XX	XX	Engineer of Collection Facilities
Drawn by:	Reviewed by:	Scale:	Approved:
SBO	AS	NOTED	Assistant Director of Engineering
Drawing code:			XX

STANDARD
NO. 8-122
**PROCEDURE FOR ADJUSTING
ELEVATION OF EXISTING
36" DIA. STANDARD MANHOLES**

PART OF THE SOUTHEAST QUARTER OF SECTION 34, TWP. 42 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
 PART OF THE SOUTHWEST QUARTER OF SECTION 35, TWP. 42 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
 PART OF THE NORTHWEST QUARTER OF SECTION 7, TWP. 41 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND



STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34 & 35, TOWNSHIP 42 NORTH, RANGE 11 EAST & SECTION 7, TOWNSHIP 41 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
 LICENSE EXPIRATION DATE: 11-30-2022

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

NOTE:
 ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED
 BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.99996302.
 AREAS SHOWN ON THIS PLAT ARE "GROUND"

COORDINATE TABLE
 ILLINOIS STATE PLANE COORDINATE SYSTEM,
 EAST ZONE, NAD 83 (2011 ADJUSTMENT)

LOCATION	STATION	NORTHING	EASTING
RAND ROAD			
STATION BEGINS	219+00.00	1969447.2650	1094287.7604
C ISABELLA STREET	220+61.87	1969307.6569	1094369.6908
C LOUIS STREET	223+46.60	1969062.0947	1094513.8015
SECTION LINE	223+80.33	1969033.0072	1094530.8718
PC	235+55.98	1968019.0656	1095125.9139
C HENRY STREET	240+26.28	1967641.0239	1095404.0658
PT	245+59.36	1967298.4709	1095810.6832
C MT. PROSPECT RD	246+48.77	1967249.8833	1095885.7389
C CENTRAL ROAD	251+51.93	1966976.4527	1096308.1216
STATION ENDS	262+80.44	1966363.1913	1097255.4587
CENTRAL ROAD			
STATION BEGINS	163+65.33	1966978.7877	1095573.0209
C ALBERT STREET	164+97.70	1966978.3672	1095705.3904
C MT. PROSPECT RD	166+78.79	1966977.7920	1095886.4791
SECTION LINE	168+93.21	1966977.1109	1096100.8975
C RAND ROAD	171+00.43	1966976.4527	1096308.1216
SECTION LINE & C WESTGATE ROAD	179+69.45	1966973.6924	1097177.1321
STATION ENDS	180+36.95	1966973.4780	1097244.6373

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

Contract No. 61H44

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 RAND ROAD & CENTRAL ROAD

LIMITS: RAND RD: BUSINESS CENTER DR TO ALBANY LN
 CENTRAL RD: ALBERT ST TO WESTGATE RD

SECTION: 17-00166-00-CH COUNTY: COOK
 STA. 163+65.33 TO STA. 180+36.95 JOB NO.: R-90-014-20
 STA. 219+00.00 TO STA. 262+80.44 SCALE: 1"= 350'

SHEET 97 OF 264 SHEETS

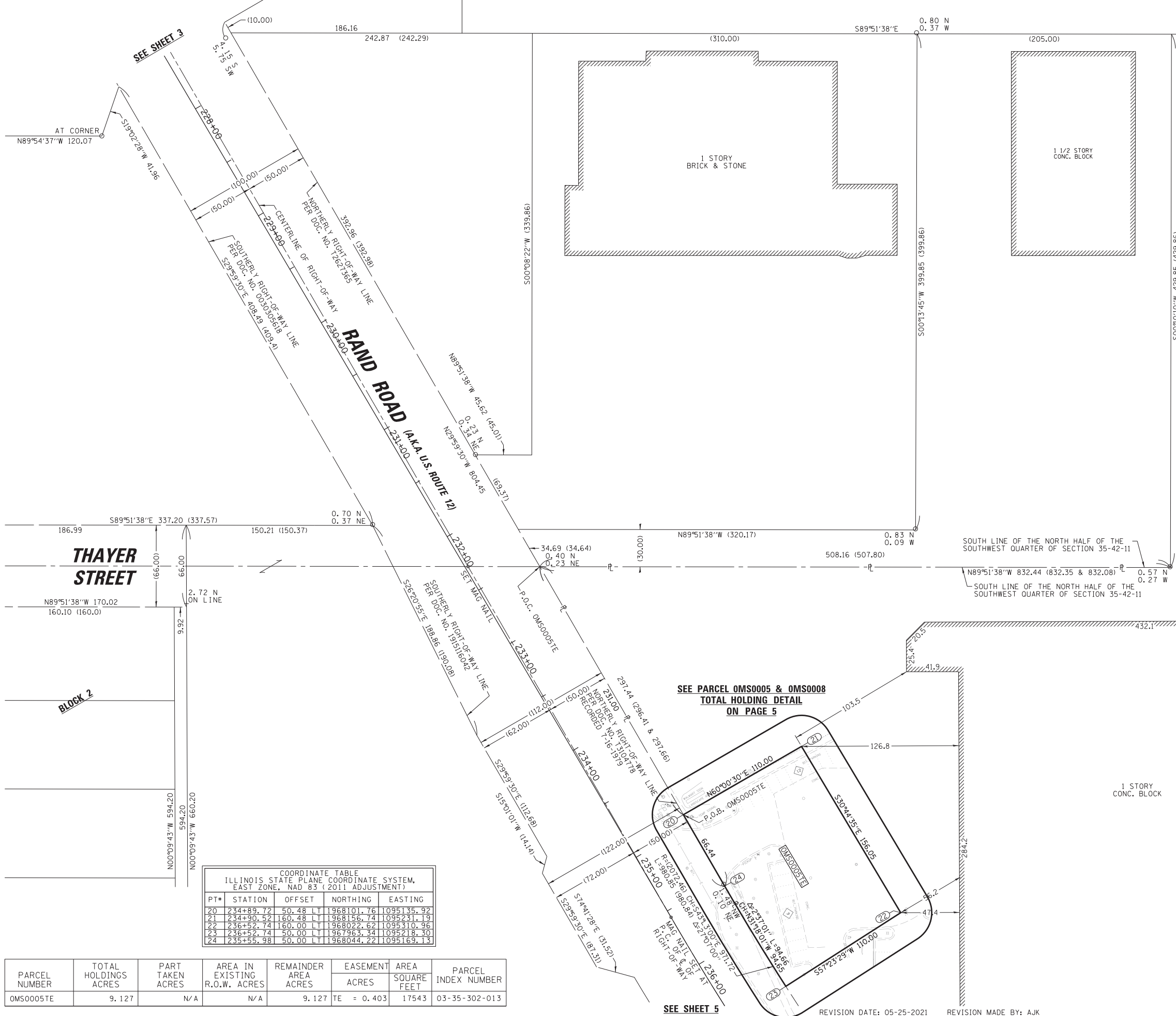
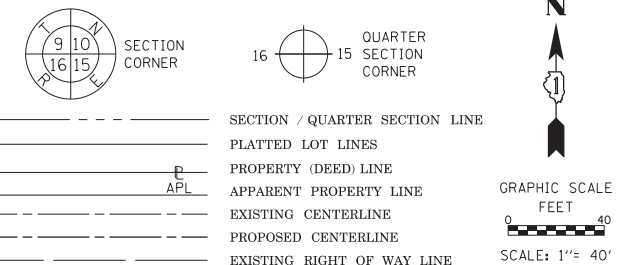
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

REVISION DATE: 02-24-2021 REVISION MADE BY: AJK

N:\MOUNTPROSPECT\2020015\civil1\PROW01_2020015.dgn

PART OF THE SOUTHWEST QUARTER OF SECTION 35, TWP. 42 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LEGEND



- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC EXISTING ACCESS CONTROL LINE
- AC PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34 & 35, TOWNSHIP 42 NORTH, RANGE 11 EAST & SECTION 7, TOWNSHIP 41 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
 LICENSE EXPIRATION DATE: 11-30-2022

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 AREAS SHOWN ON THIS PLAT ARE "GROUND"

COORDINATE TABLE
 ILLINOIS STATE PLANE COORDINATE SYSTEM,
 EAST ZONE, NAD 83 (2011 ADJUSTMENT)

PT#	STATION	OFFSET	NORTHING	EASTING
20	234+89.72	50.48 LT	1968101.76	1095135.92
21	234+90.52	160.48 LT	1968156.74	1095231.19
22	236+52.74	160.00 LT	1968022.62	1095310.96
23	236+52.74	50.00 LT	1967963.34	1095218.30
24	235+55.98	50.00 LT	1968044.22	1095169.13

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
OMS0005TE	9.127	N/A	N/A	9.127	TE = 0.403	17543	03-35-302-013

SEE PARCEL OMS0005 & OMS0008
 TOTAL HOLDING DETAIL
 ON PAGE 5

IDOT USE ONLY

LIMITS: BUSINESS CENTER DR TO ALBANY LN
 SECTION: 17-00166-00-CH COUNTY: COOK
 STA. 227+51.33 TO STA. 236+52.74 JOB NO.: R-90-014-20
 SCALE: 1"= 40' SHEET 99 OF 264 SHEETS

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

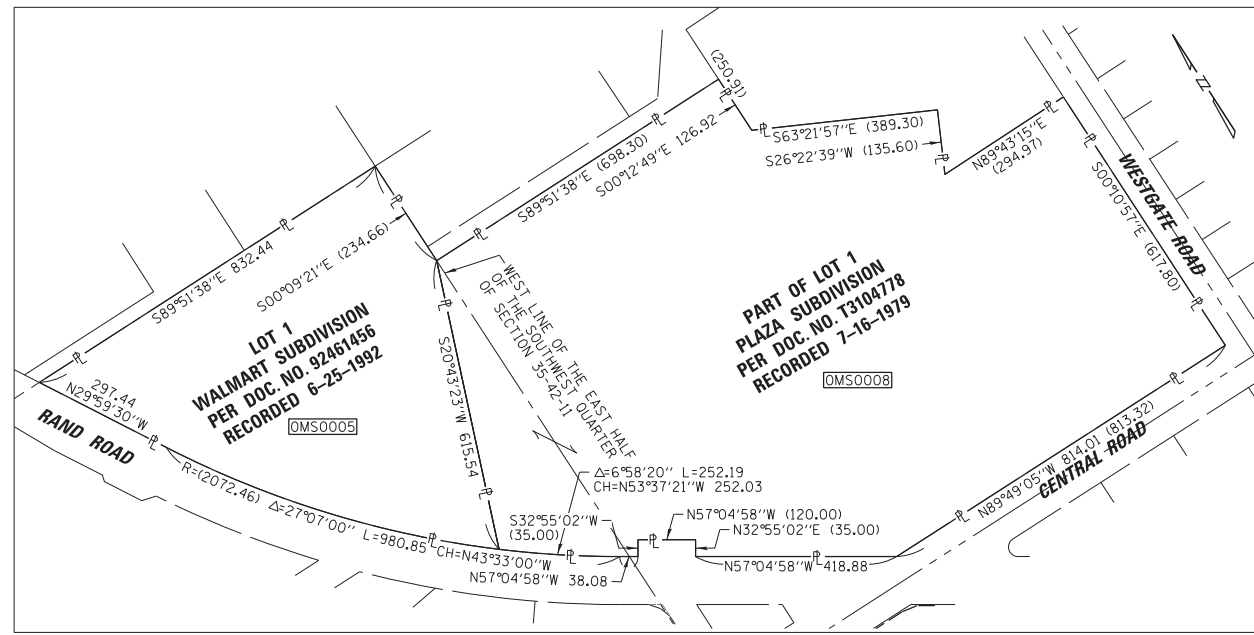
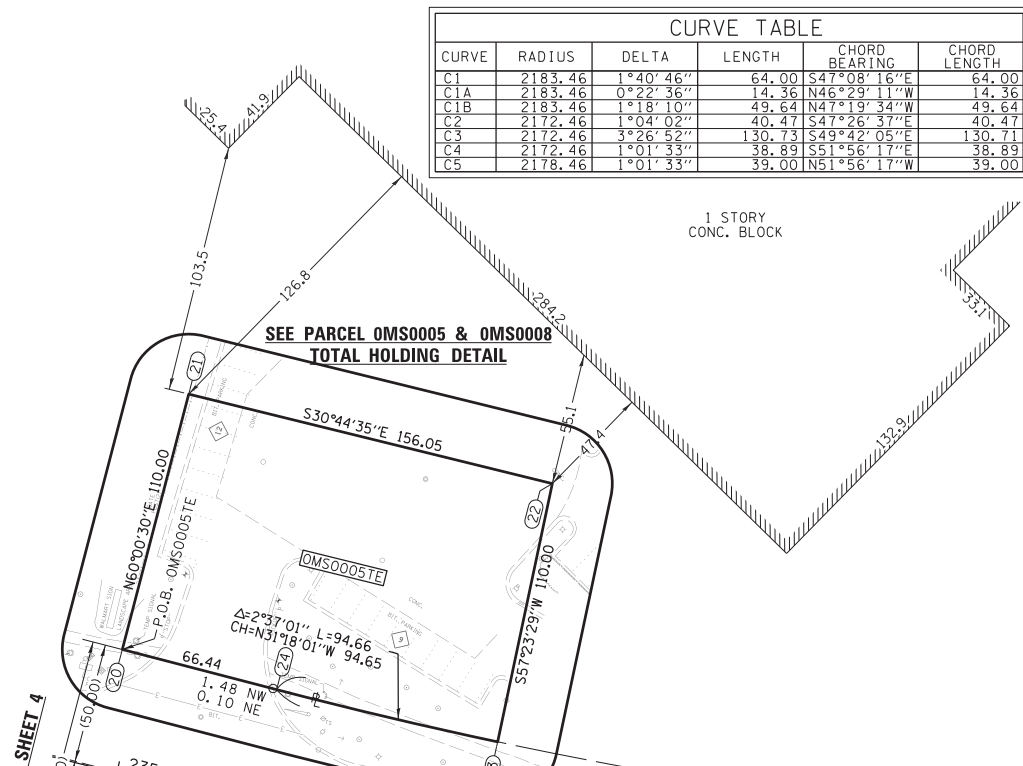
CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

Contract No. 61H44

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 RAND ROAD

PART OF THE SOUTHWEST QUARTER OF SECTION 35, TWP. 42 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	2183.46	1°40'46"	64.00	S47°08'16"E	64.00
C1A	2183.46	0°22'36"	14.36	N46°29'11"W	14.36
C1B	2183.46	1°18'10"	49.64	N47°19'34"W	49.64
C2	2172.46	1°04'02"	40.47	S47°26'37"E	40.47
C3	2172.46	3°26'52"	130.73	S49°42'05"E	130.71
C4	2172.46	1°01'33"	38.89	S51°56'17"E	38.89
C5	2178.46	1°01'33"	39.00	N51°56'17"W	39.00



LEGEND

SECTION CORNER: 9 10 15 16

QUARTER SECTION CORNER: 16 15

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND

CUT CROSS FOUND OR SET

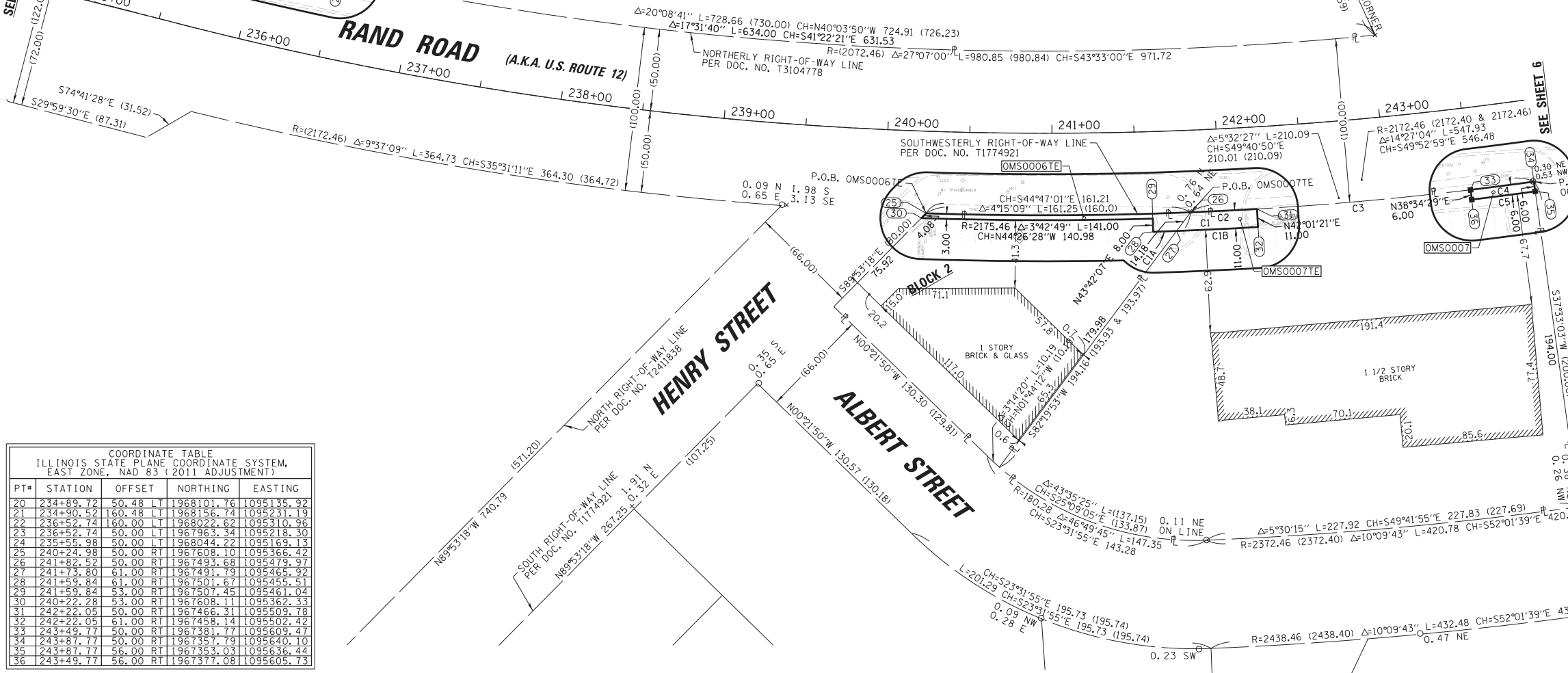
STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF COOK)



COORDINATE TABLE				
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24	235+55.98	50.00 LT	1968044.22	1095169.13
25	240+24.98	50.00 RT	1967608.10	1095366.42
26	241+82.52	50.00 RT	1967493.68	1095479.97
27	241+73.80	61.00 RT	1967491.79	1095465.32
28	241+59.84	61.00 RT	1967501.67	1095455.51
29	241+59.84	53.00 RT	1967507.45	1095461.04
30	240+22.28	53.00 RT	1967608.11	1095362.33
31	242+22.05	50.00 RT	1967466.31	1095509.78
32	242+22.05	61.00 RT	1967458.14	1095502.42
33	243+49.77	50.00 RT	1967381.77	1095609.47
34	243+87.77	50.00 RT	1967357.79	1095640.10
35	243+87.77	56.00 RT	1967353.03	1095636.44
36	243+49.77	56.00 RT	1967377.08	1095605.73

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
OMS0005TE	9.127	N/A	N/A	9.127	TE = 0.403	17543	03-35-302-013
OMS0006TE	0.412	N/A	N/A	0.412	TE = 0.014	625	03-35-306-002
OMS0007	1.317	0.005	N/A	1.312	TE = 0.011	496	03-35-307-010
OMS0007TE		234 SOFT	N/A				

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTION 34 & 35, TOWNSHIP 42 NORTH, RANGE 11 EAST & SECTION 7, TOWNSHIP 41 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ___ DAY OF ___ 20___ A.D.

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LICENSE EXPIRATION DATE: 11-30-2022

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AREAS SHOWN ON THIS PLAT ARE "GROUND"

CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
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Contract No. 61H44

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RAND ROAD

LIMITS: BUSINESS CENTER DR TO ALBANY LN
SECTION: 17-00166-00-CH COUNTY: COOK
STA. 234+73.32 TO STA. 243+02.03 JOB NO.: R-90-014-20
SCALE: 1" = 40' SHEET 100 OF 264 SHEETS

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