

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	1

09/23/2022 LETTING ITEM 026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 3520 (GROSS POINT ROAD)
GOLF ROAD TO OLD ORCHARD ROAD
RECONSTRUCTION

SECTION 08-00279-00-FP

PROJECT V57S(558)

VILLAGE OF SKOKIE

COOK COUNTY

JOB NO. C-91-042-10

FOR INDEX OF SHEETS AND LIST OF
HIGHWAY STANDARDS, SEE SHEET NO. 2

DESIGN DESIGNATION

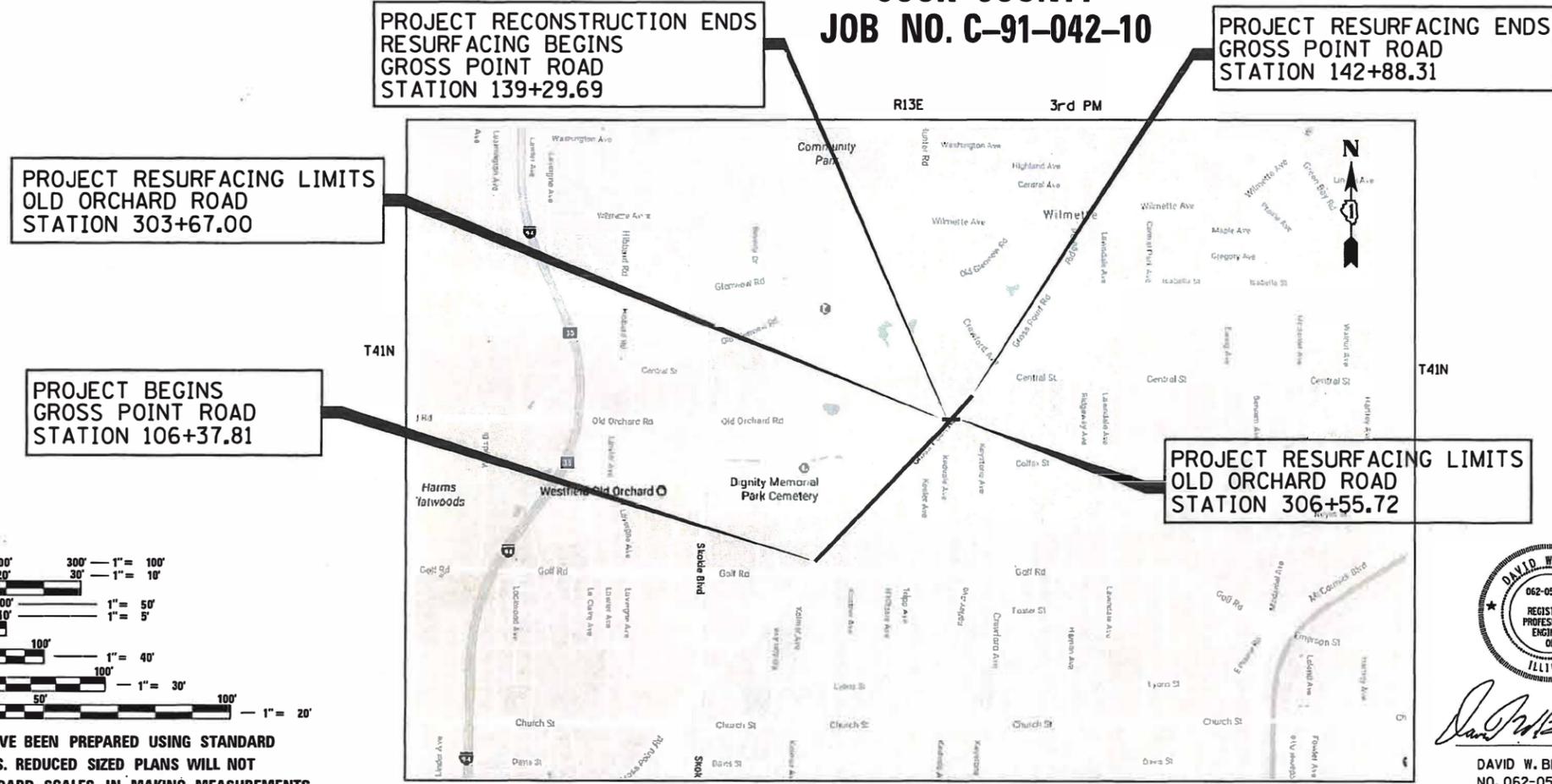
GROSS POINT ROAD
11,290 (22) MINOR ARTERIAL 1.16 (FD-20)

TRAFFIC DATA

MINOR ARTERIAL
GROSS POINT ROAD
DESIGN SPEED: 40 MPH
POSTED SPEED: 35 MPH
ADT: 11,100 (2018)
ADT: 12,600 (2050)
5% TRUCKS



LOCATION OF SECTION INDICATED THUS: — ■ —



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED ON: November 29, 2021
[Signature]
VILLAGE OF SKOKIE, DIRECTOR OF ENGINEERING

PASSED Jan 4, 2022
[Signature]
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW January 4, 2022
[Signature]
REGIONAL ENGINEER

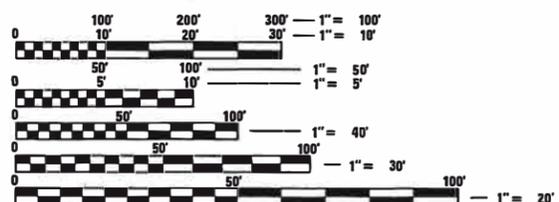


[Signature]
DAVID W. BLOCK, P.E.
NO. 062-050966
EXP. DATE 11/30/23



1475 WOODFIELD ROAD #600
SCHAUMBURG, IL 60173
(847) 605-9600

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OF THE STATE OF ILLINOIS



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

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

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

LOCATION MAP

NOT TO SCALE
PROJECT LENGTH (GROSS / NET)
GROSS POINT ROAD 3,650.50 FT (0.69 MILES)
OLD ORCHARD ROAD 288.72 FT (0.06 MILE)
TOTAL LENGTH 3,939.22 FT (0.75 MILES)

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

CONTRACT NO. 61H23

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886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

FILE NAME = Invalid expression*	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD INDEX OF SHEETS AND STATE STANDARDS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -		SCALE: 1"=100'	SHEET 1 OF 3 SHEETS	STA. TO STA.	3520	08-00279-00-FP	COOK	160	2
Default	PLOT DATE = 8/10/2022	CHECKED - DWB	REVISED -									CONTRACT NO. 61H23
		DATE - 8/10/2022	REVISED -					ILLINOIS	FED. AID PROJECT			

GENERAL NOTES

VILLAGE COORDINATION: THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF SKOKIE ENGINEER AT (847) 933-8231 AND THE VILLAGE OF SKOKIE CHIEF OF POLICE AT (847) 982-5910 AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.

SPECIAL ATTENTION IS CALLED TO SECTION 105 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.

THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF SKOKIE PUBLIC WORKS DEPARTMENT AT 847-933-8231 48 HOURS PRIOR TO STARTING ANY WORK AND SHALL ALSO CONTACT THE VILLAGE OF SKOKIE PUBLIC WORKS DEPARTMENT UTILITY DIVISION AT 847-933-8277 FOR ALL WATER MAIN SHUTOFFS. UNDER NO CONDITION SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS WITHIN THE PROJECT AREA. CONTRACTOR TO COORDINATE/NOTIFY WATER MAIN SHUT DOWNS WITH BUSINESSES, RESIDENCES AND SKOKIE. THE CONTRACTOR SHALL PROVIDE THE VILLAGE AND ENGINEER, PRIOR TO BEGINNING CONSTRUCTION, WITH THE NAME AND PHONE NUMBER OF A CONTACT PERSON THAT WILL BE AVAILABLE FOR QUICK RESPONSE FOR AFTER-HOURS EMERGENCIES.

PUBLIC OR PRIVATE UTILITIES: THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE ITS ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH FACILITIES SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS. THEIR FACILITIES MAY BE REQUIRED TO BE ADJUSTED OR RELOCATED.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, AND OTHER UTILITY FACILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.

WHENEVER THE CONTRACTOR ENCOUNTERS FACILITIES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATION, HE/SHE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THE FACILITIES.

THE CONTRACTOR SHALL COORDINATE WITH THE AT&T CONTRACTOR REGARDING THE RELOCATION OF THEIR DUCTS WHICH WILL OCCUR DURING CONSTRUCTION.

WATER: THE CONTRACTOR MUST OBTAIN A FIRE HYDRANT PERMIT FROM THE VILLAGE IN ORDER TO OBTAIN ACCESS TO MUNICIPAL WATER. THE CONTRACTOR WILL BE REQUIRED TO SUPPLY THEIR OWN RPZ BACKFLOW PREVENTOR WHEN ACCESSING MUNICIPAL WATER. THE CONTRACTOR CAN PICK UP A VILLAGE ISSUED HYDRANT METER AT THE VILLAGE PUBLIC WORKS LOCATED AT 9050 GROSS POINT ROAD. CONTACT (847) 933-8277. A \$1,000 DEPOSIT (CASH, CHECK, VISA, OR MASTERCARD) IS REQUIRED BEFORE A VILLAGE HYDRANT METER WILL BE ISSUED. THE DEPOSIT WILL BE REFUNDED IF THE METER IS RETURNED IN GOOD CONDITION.

THE CONTRACTOR SHALL NOTIFY THE WATER & SEWER DIVISION SUPERINTENDENT JEAN SCHER AT (847) 933-8427 48 HOURS PRIOR TO ANY FIRE HYDRANT OR WATER MAIN WORK.

ENVIRONMENTAL FIRM: THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM TO CONTINUOUSLY MONITOR FOR WORKER SAFETY AND SOIL CONTAMINATION AT SEVERAL AREAS. SEE SPECIAL PROVISION AND SUPPLEMENTAL SPECIFICATIONS FOR DETAILS.

GEOTECHNICAL: THE DRILLED SHAFT CONSTRUCTION SHOULD BE COMPLETED IN ACCORDANCE WITH SECTION 516, DRILLED SHAFTS, IN THE IDOT SSRBC (ADOPTED 1/1/22)

THE CONTRACTOR SHOULD REVIEW THE ATTACHED BORING LOGS, EVALUATE THE SOIL CONDITIONS AND DEPTHS, AND DETERMINE THE MEANS AND METHODS NECESSARY FOR CONSTRUCTION. THE BORINGS ENCOUNTERED LAYERS OF WATER BEARING GRANULAR DEPOSITS THAT MAY BE SUSCEPTIBLE TO CAVING DUE TO THEIR LOOSE, SATURATED CONDITION. THE CONTRACTOR SHOULD BE AWARE THAT WET-METHOD DRILLING, TEMPORARY CASING, OR A COMBINATION MAY BE REQUIRED TO PREVENT A CAVE-IN.

THE CONTRACTOR SHOULD REVIEW THE SOILS REPORT AND BORINGS AND EVALUATE THE METHODS, SUCH AS WET-METHOD DRILLING, TEMPORARY CASING, OR A COMBINATION, NEEDED TO MAINTAIN AN OPEN EXCAVATION AND FACILITATE THE CONSTRUCTION OF THE DESIGN IMPROVEMENTS.

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

SODDING, SALT TOLERANT: ALL SODDING, SALT TOLERANT ABUTTING MULCH RINGS SHALL BE PROVIDED WITH SPADED EDGE.

PAVEMENT MARKINGS: THE RESIDENT ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER, AT FADI.SULTAN@ILLINOIS.GOV AT LEAST TWO (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.

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.

AGGREGATE SUBGRADE IMPROVEMENT 12": THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

COMMITMENTS:

NO COMMITMENTS WERE MADE FOR THIS PROJECT

FILE NAME = Invalid expression	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD GENERAL NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		3520	08-00279-00-FP	COOK	160	3				
Default	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -	SCALE: 1"=100'	SHEET 2 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 61H23					
								ILLINOIS	FED. AID PROJECT				

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 SKOKIE MUNICIPAL CODE;
 * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
 * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

- THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
- THE VILLAGE OF SKOKIE 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 NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

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

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

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

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477
8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼ " TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.		
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.		
12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS; THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.		
13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.		
14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.		
15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.		
16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.		
17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.		
18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.		

E. EROSION AND SEDIMENT CONTROL

- 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 SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
- MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
- DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
- ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
- VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
- EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

FILE NAME = Invalid expression	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD MWRDGC GENERAL NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: N.T.S.	SHEET 3 OF 3 SHEETS	STA.	TO STA.	3520	08-00279-00-FP	COOK	160	4
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -					CONTRACT NO. 61H23					
								ILLINOIS			FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
* 25200200	SUPPLEMENTAL WATERING	UNIT	142	142			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	108	108			
28000305	TEMPORARY DITCH CHECKS	FOOT	144	144			
28000400	PERIMETER EROSION BARRIER	FOOT	4,262	4,262			
28000510	INLET FILTERS	EACH	55	55			
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	5,199	5,199			
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,462	1,155			307
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	17,466	13,237			4,229
35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	5	5			
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	4,345	2,823			1,522
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	50	50			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	305	305			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8,667	7,473			1,194

* DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

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Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES		F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY CODK	TOTAL SHEETS 160	SHEET NO. 6
		CONTRACT NO. 61H23				
SCALE: NONE		SHEET 2 OF 18 SHEETS		STA.	TO STA.	
ILLINOIS FED. AID PROJECT						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	54	54			
40803085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	6,027	4,846			1,181
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	147	147			
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	2,025	1,666			339
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	62	62			
42001300	PROTECTIVE COAT	SQ YD	5,492	3,979			1,513
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	189	189			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	632	632			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	21,884	9,060			12,834
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1,155	1,155			
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	3,759	2,976			783
42400800	DETECTABLE WARNINGS	SQ FT	400	400			
44000100	PAVEMENT REMOVAL	SQ YD	13,789	13,789			

• DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression!	USER NAME = CECmain	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES			F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 7			
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -					SCALE: NONE	SHEET 3 OF 18 SHEETS	STA. TO STA.	[ILLINOIS] FED. AID PROJECT				
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -					CONTRACT NO. 61H23							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	2,532	2,532			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,225	2,225			
44000300	CURB REMOVAL	FOOT	539	539			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,822	2,822			
44000600	SIDEWALK REMOVAL	SQ FT	11,429	11,429			
44003100	MEDIAN REMOVAL	SQ FT	166	166			
44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	65	65			
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	65	65			
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	65	65			
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	65	65			
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	437	437			
550A2420	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 48"	FOOT	377	377			
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	94	94			

• DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression	USER NAME = CECmin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 5/8 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 4 OF 18 SHEETS	STA.	TO STA.

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 8
CONTRACT NO. 61H23			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
550A2600	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FOOT	35	35			
550A2620	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 48"	FOOT	309	309			
55100200	STORM SEWER REMOVAL 6"	FOOT	41	41			
55100400	STORM SEWER REMOVAL 10"	FOOT	46	46			
55100500	STORM SEWER REMOVAL 12"	FOOT	240	240			
55101600	STORM SEWER REMOVAL 36"	FOOT	282	282			
* 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	33	33			
* 56106400	ADJUSTING WATER MAIN 8"	FOOT	80	80			
* 56106500	ADJUSTING WATER MAIN 10"	FOOT	40	40			
* 56106700	ADJUSTING WATER MAIN 16"	FOOT	35	35			
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1			
* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	8	8			
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	6	6			

• DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression!	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/16/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES				F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 9
SCALE: NONE	SHEET 5	OF 18 SHEETS	STA. TO STA.	CONTRACT NO. 61H23				
[ILLINOIS] FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5			
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	10	10			
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3			
60205030	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	2	2			
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	6	6			
60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	4	4			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5			
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5			
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4			
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	18	18			
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	9	9			

• DENOTES SPECIALTY ITEM
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	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 6 OF 18 SHEETS	STA.	TO STA.

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 10
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1			
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3			
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1			
60260100	INLETS TO BE ADJUSTED	EACH	1	1			
60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1			
* 60265700	VALVE VAULTS TO BE ADJUSTED	EACH	23	23			
* 60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1			
* 60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	4	4			
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2			
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1			
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5	5			
60500040	REMOVING MANHOLES	EACH	3	3			

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X CONSTRUCTION TYPE CODE 0042

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
60500050	REMOVING CATCH BASINS	EACH	3	3			
60500060	REMOVING INLETS	EACH	8	8			
60600605	CONCRETE CURB, TYPE B	FOOT	578	578			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	6,896	3,135			3,761
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	113	113			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3,980	3,980			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10			
* 66901000	BACKFILL PLUGS	CU YD	63	63			
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	30	30			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8			
67100100	MOBILIZATION	L SUM	1.0	0.9			0.1

• DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression*	USER NAME = CECmin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 8 OF 18 SHEETS	STA.	TO STA.

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 12
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	200	200			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,851	1,851			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6,753	6,753			
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1,029	1,029			
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	5,790	5,790			
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	63	63			
70300261	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	561	561			
70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	68	68			
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	10,618	10,618			
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	50	50			
70303210	TEMPORARY PAVEMENT MARKING - LINE 24" - MODIFIED URETHANE	FOOT	50	50			
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	321	321			

• DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression!	USER NAME = CECamin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES				F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 13
SCALE: NONE	SHEET 9	OF 18	SHEETS	STA.	TO STA.	[ILLINOIS] FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	17,871	17,871			
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	457	457			
70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	72	72			
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	87	87			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,915	1,915			
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	23	23			
* 72000100	SIGN PANEL - TYPE 1	SQ FT	138	138			
* 72000200	SIGN PANEL - TYPE 2	SQ FT	55		55		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	19	19			
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1			
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	54	54			
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	53	53			
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7			

• DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression*	USER NAME = CECmin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 5/8 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES		F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 14
		SCALE: NONE		SHEET 10 OF 18 SHEETS		STA. TO STA.
[ILLINOIS] FED. AID PROJECT CONTRACT NO. 61H23						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2			
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	339	339			
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	120				120
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	693	434			259
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,063	11,063			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8,528	2,291			6,237
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	921	921			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	257	257			
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	154	154			
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	500	500			
* 78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	7,810	7,810			
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2,606	2,606			

* DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression!	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES				F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 15
SCALE: NONE	SHEET 11	OF 18 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
CONTRACT NO. 61H23								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	877	135	742		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	151		151		
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	442		442		
* 81400100	HANDHOLE	EACH	4		4		
* 81400200	HEAVY-DUTY HANDHOLE	EACH	2		2		
* 81400300	DOUBLE HANDHOLE	EACH	2		2		
* 81603047	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	521	521			
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	22	22			
* 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	2	2			
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	2	2			
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2	2			
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3		3		
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,360		1,360		

* DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression!	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 5/8 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 6/27/2022	CHECKED - DWB	REVISED -
		DATE - 6/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 12 OF 18 SHEETS	STA. _____	TO STA. _____

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 16
CONTRACT NO. 61H23			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,685		1,410	275	
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,510		1,510		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,550		1,550		
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,545		1,545		
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	55		55		
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	675		675		
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3		3		
* 87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	2		2		
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2		2		
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16		
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4		
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	24		24		
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24		24		

* DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression*	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 5/8 SCALE	CHECKED - DWB	REVISED -
	PLOT DATE = 6/1/2022	DATE - 6/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES				F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 17
SCALE: NONE	SHEET 13	OF 18	SHEETS	STA.	TO STA.	[ILLINOIS] FED. AID PROJECT		

CONTRACT NO. 61H23

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4		4		
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		4		
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4		4		
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4		4		
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8		
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8		8		
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	5		5		
* 88600100	DETECTOR LOOP, TYPE I	FOOT	362		362		
* 88700200	LIGHT DETECTOR	EACH	2			2	
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1	
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1		
* 89502380	REMOVE EXISTING HANDHOLE	EACH	12		12		

X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression'	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUMMARY OF QUANTITIES			F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 18
Default	PLOT SCALE = 5/8 SCALE	CHECKED - DWB	REVISED -		SCALE: NONE	SHEET 14 OF 18 SHEETS	STA.	TO STA.	CONTRACT NO. 61H23			
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1		
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9		
* A2002917	TREE, CELTIS OCCIDENTALIS ULZAM (ULTRA COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2			
* A2004520	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1			
* A2004610	TREE, GLEDITSIA TRIACANTHOS INERMIS PERFECTION (PERFECTION THORNLESS HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4			
* A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1			
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4			
* A2007200	TREE, QUERCUS ROBUR LONG (REGAL PRINCE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3			
* A2008519	TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1			
* B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3			
* B2013468	TREE, MALUS GOLDEN RAINDROPS (GOLDEN RAINDROPS CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	2	2			
* K0036120	MULCH PLACEMENT 4"	SQ YD	175	175			
* X0120005	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX (VILLAGE SUPPLIED)	EACH	8	8			

* DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	275			275	
X1200042	MANHOLES, TYPE A, 9'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1	1			
* X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1		1		
* X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1		
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1		1		
* X1400388	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2		2		
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	65	65			
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	7	7			
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	21	21			
X4023000	TEMPORARY ACCESS (ROAD)	EACH	4	4			
* X5620102	WATER SERVICE REPLACEMENT, 1.5" - SHORT	EACH	1	1			
* X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	5	5			

* DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAO
				30% STATE	30% STATE	30% LA	20% LA
* X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	2	2			
* X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	1	1			
X6022110	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	17	17			
X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	360	360			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0	0.9			0.1
* X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	214	214			
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1		
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8		8		
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4		4		
XX008824	CATCH BASINS, SPECIAL	EACH	1	1			
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	4	4			
Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	141	141			

* DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY RECONSTRUCTION	0021 TRAFFIC SIGNALS	0021 TRAFFIC SIGNALS - EVP	0021 BIKE LANE/SIDEWALK
				70% STU	70% STU	70% STU	80% CMAQ
				30% STATE	30% STATE	30% LA	20% LA
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0019600	DUST CONTROL WATERING	UNIT	100	100			
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	449	449			
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	1	1			
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	780	780			
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	260	260			
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	863	863			
Z0056626	STORM SEWER (WATER MAIN REQUIREMENTS) 48 INCH	FOOT	1,243	1,243			
Z0062456	TEMPORARY PAVEMENT	SQ YD	1,389	1,389			
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4		4		
X Z0076600	TRAINEES	HOURL	500	500			
X Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500	500			

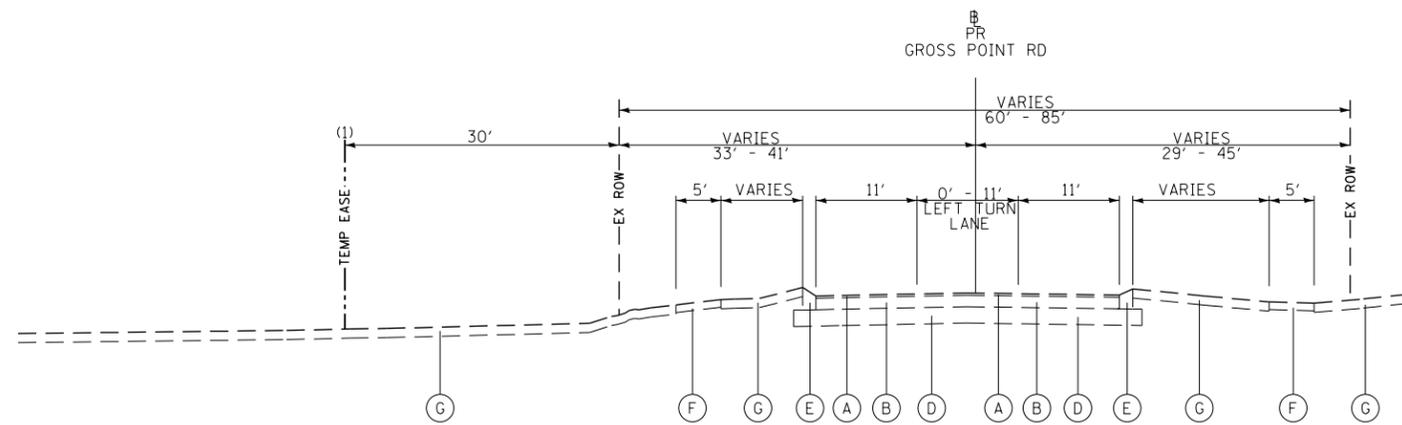
• DENOTES SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

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Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 7/21/2022	CHECKED - DWB	REVISED -
		DATE - 6/11/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
SUMMARY OF QUANTITIES**

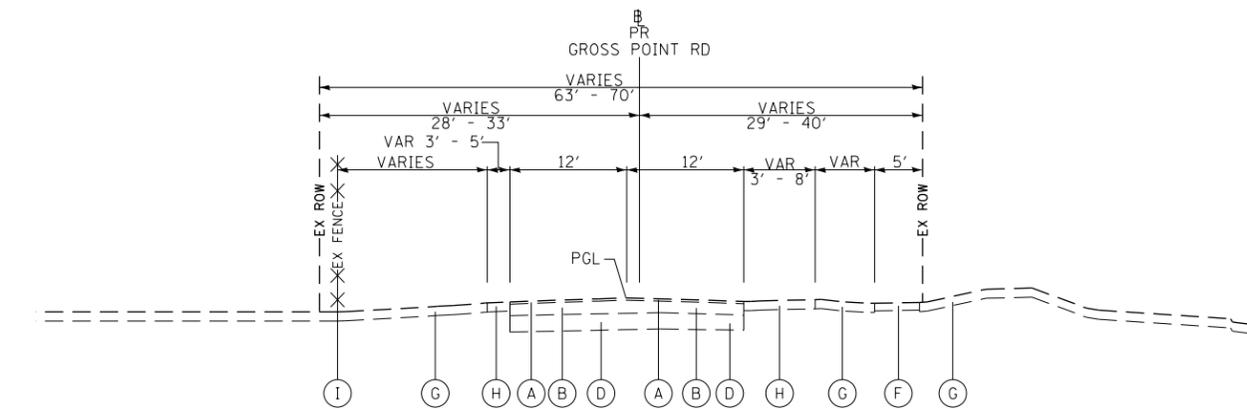
F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 22
SHEET 18 OF 18 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 61H23	



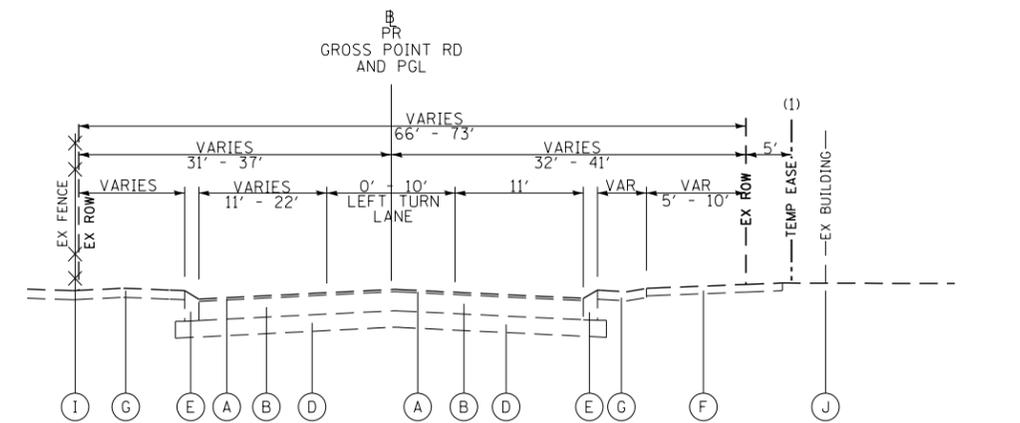
EXISTING TYPICAL SECTION
GROSS POINT ROAD
STATION 106+37.81 TO STATION 114+72.42

(1) TEMPORARY EASEMENT (LEFT)
STA 110+05.02 TO STA 111+04.84

- EXISTING**
- (A) EXISTING HMA SURFACE, VARIES FROM 1.25" TO 2.0"
 - (B) EXISTING HMA BINDER/BASE COURSE, VARIES FROM 1.5" TO 8.5"
 - (C) EXISTING CONCRETE, VARIES FROM 10.0" TO 10.50"
 - (D) EXISTING SUB-BASE, VARIES 4" TO 18"
 - (E) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - (F) EXISTING PORTLAND CEMENT CONCRETE (PCC) SIDEWALK, 5"
 - (G) EXISTING TOPSOIL (ASSUMED TO BE 6" IN DEPTH)
 - (H) EXISTING AGGREGATE SHOULDER
 - (I) EXISTING FENCE
 - (J) EXISTING BUILDING
 - (K) EXISTING SHARED USE PATH

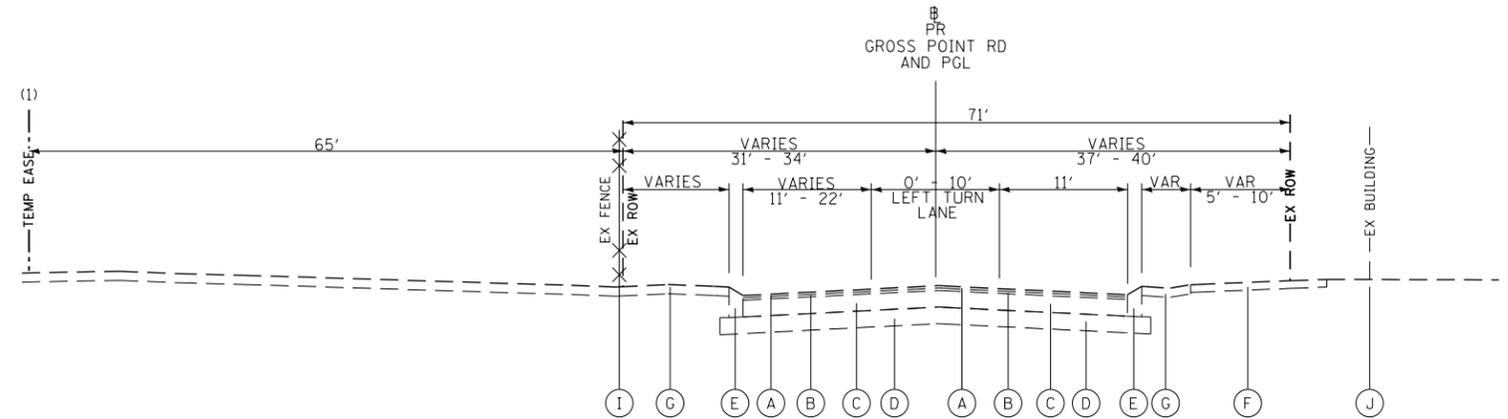


EXISTING TYPICAL SECTION
GROSS POINT ROAD
STATION 114+72.42 TO STATION 128+22.95



EXISTING TYPICAL SECTION
GROSS POINT ROAD
STATION 128+22.95 TO STATION 134+46.00

(1) TEMPORARY EASEMENT (RIGHT)
STA 130+24.93 TO STA 131+60.00



EXISTING TYPICAL SECTION
GROSS POINT ROAD
STATION 134+46.00 TO STATION 139+29.54

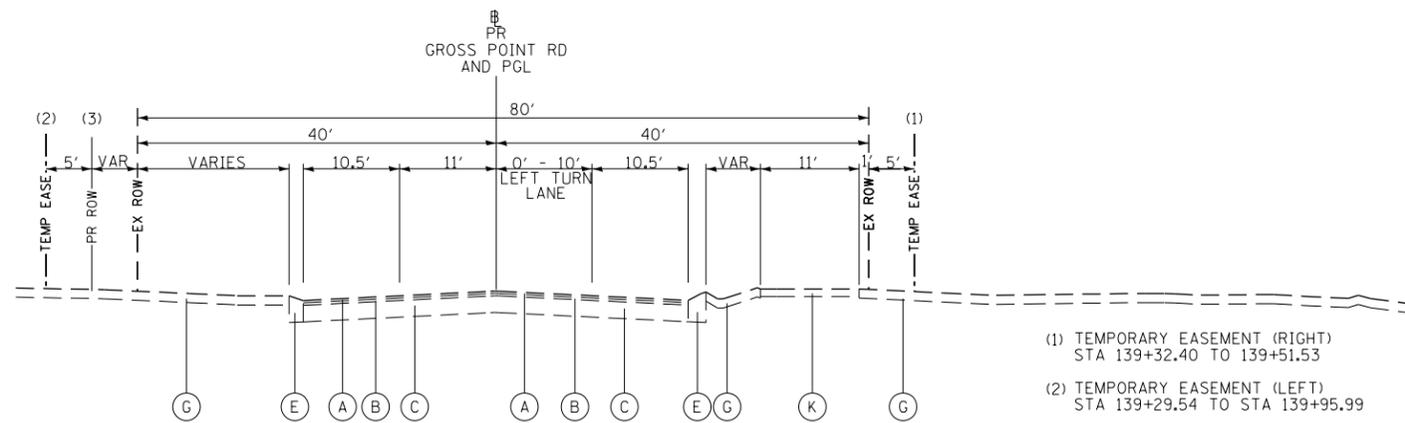
(1) TEMPORARY EASEMENT (LEFT)
STA 134+70.90 TO STA 136+00.00

FILE NAME = Invalid expression*	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD EXISTING TYPICAL SECTIONS	
SCALE: NONE	SHEET 1 OF 4 SHEETS STA. TO STA.

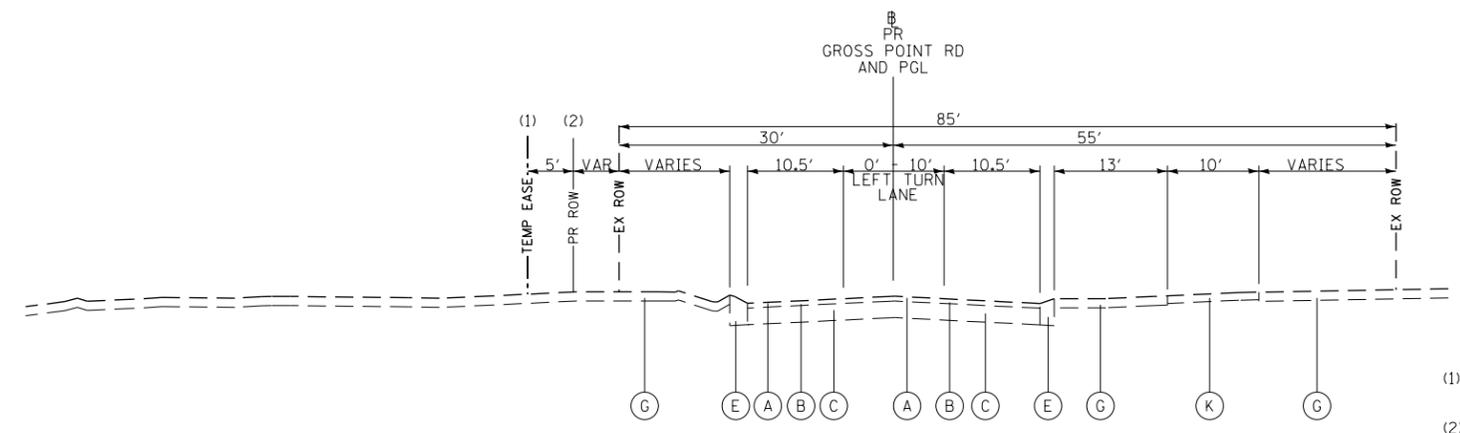
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	23
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
GROSS POINT ROAD
STATION 139+29.54 TO STATION 142+88.31

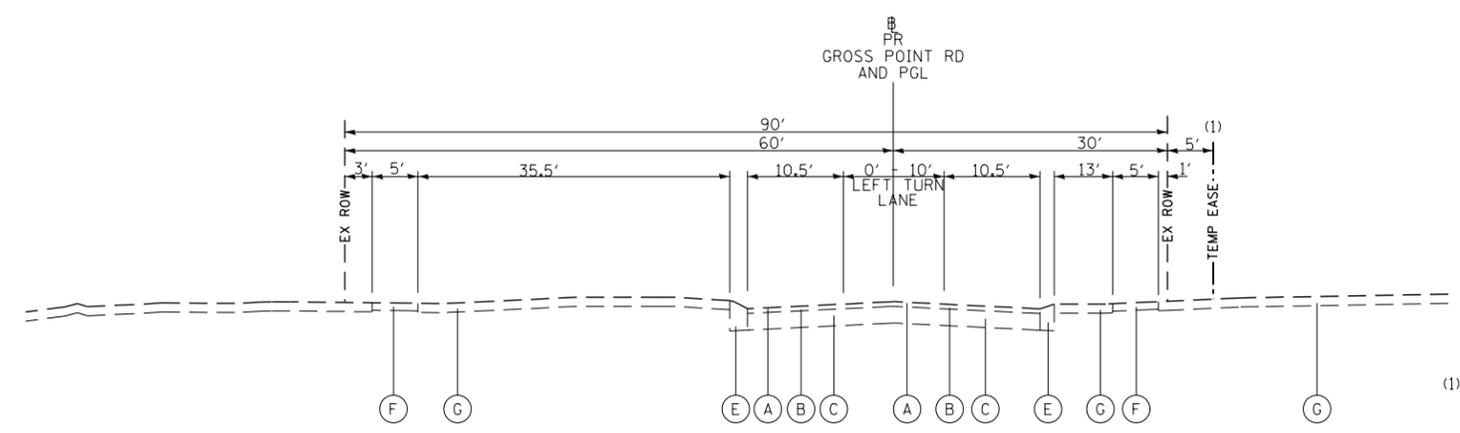
- (1) TEMPORARY EASEMENT (RIGHT)
STA 139+32.40 TO 139+51.53
- (2) TEMPORARY EASEMENT (LEFT)
STA 139+29.54 TO STA 139+95.99
- (3) PROPOSED ROW (LEFT)
STA 139+42.17 TO STA 139+62.17

- EXISTING**
- (A) EXISTING HMA SURFACE COURSE, VARIES FROM 1.25" TO 2.0"
 - (B) EXISTING HMA BINDER/BASE COURSE, VARIES FROM 1.5" TO 8.50"
 - (C) EXISTING CONCRETE BASE COURSE, VARIES FROM 10.0" TO 10.50"
 - (D) EXISTING SUB-BASE, VARIES 4" TO 18"
 - (E) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - (F) EXISTING PORTLAND CEMENT CONCRETE (PCC) SIDEWALK, 5"
 - (G) EXISTING TOPSOIL (ASSUMED TO BE 6" IN DEPTH)
 - (H) EXISTING AGGREGATE SHOULDER
 - (I) EXISTING FENCE
 - (J) EXISTING BUILDING
 - (K) EXISTING SHARED USE PATH



EXISTING TYPICAL SECTION
OLD ORCHARD ROAD
STATION 303+67.00 TO STATION 304+97.62

- (1) TEMPORARY EASEMENT (LEFT)
STA 304+24.10 TO STA 304+97.65
- (2) PROPOSED ROW (LEFT)
STA 304+50.90 TO STA 304+75.55

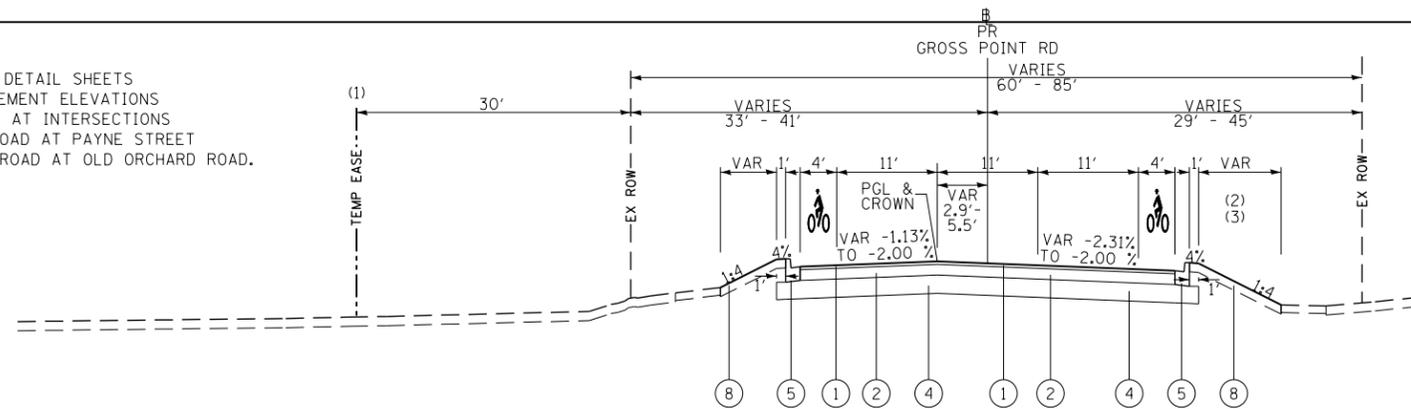


EXISTING TYPICAL SECTION
OLD ORCHARD ROAD
STATION 304+97.62 TO STATION 306+55.71

- (1) TEMPORARY EASEMENT (RIGHT)
STA 305+16.07 TO STA 305+34.56

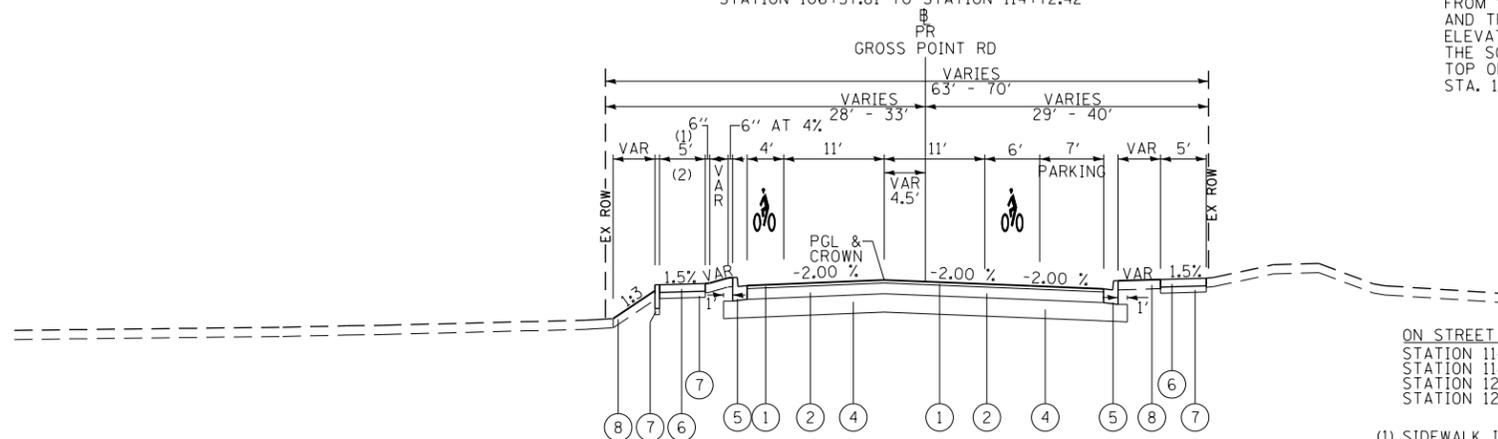
NOTE:

1. SEE INTERSECTION DETAIL SHEETS FOR DETAILED PAVEMENT ELEVATIONS AND CROSS SLOPES AT INTERSECTIONS OF GROSS POINT ROAD AT PAYNE STREET AND GROSS POINT ROAD AT OLD ORCHARD ROAD.



PROPOSED TYPICAL SECTION
GROSS POINT ROAD
STATION 106+37.81 TO STATION 114+72.42

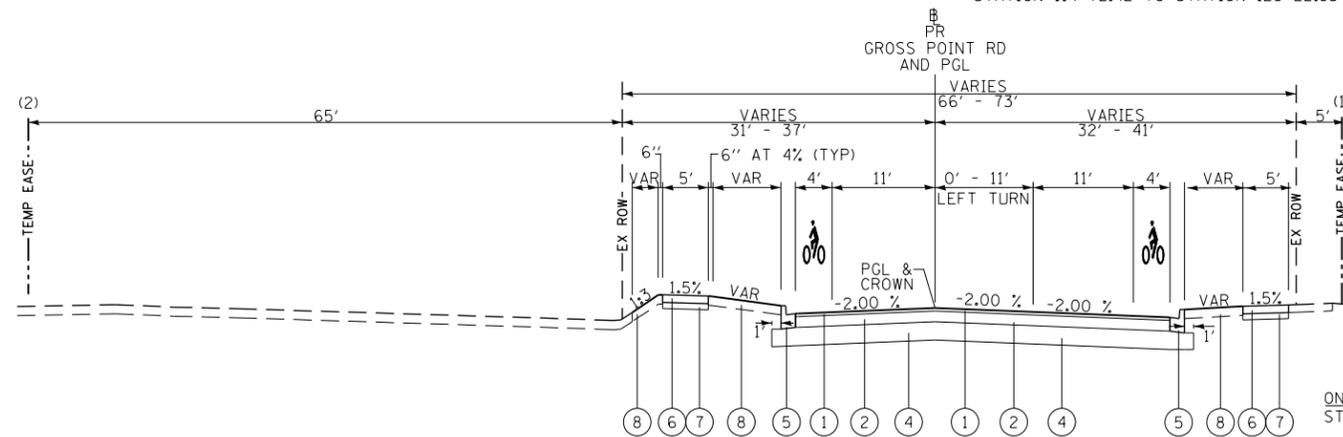
- (1) TEMPORARY EASEMENT (LEFT)
STA 110+05.02 TO STA 111+04.84
- (2) SIDEWALK IS 7' WIDE AND ADJACENT TO THE BACK OF CURB ON THE RIGHT FROM STA. 112+40 TO STA. 113+60
- (3) SIDEWALK IS 6" LOWER THAN PROPOSED TOP OF CURB, BACK OF CURB ELEVATION FROM STA. 112+90 TO STA. 113+10 RIGHT AND TRANSITIONS TO MEET DEPRESSED CURB ELEVATION AT NORTH EDGE OF DRIVEWAY TO THE SOUTH AND TRANSITIONS TO MEET THE TOP OF CURB, BACK OF CURB ELEVATION AT STA. 113+30 TO THE NORTH.



PROPOSED TYPICAL SECTION
GROSS POINT ROAD
STATION 114+72.42 TO STATION 128+22.95

ON STREET PARKING
STATION 114+52.64 TO STATION 117+61.57 (RIGHT)
STATION 118+81.94 TO STATION 120+71.67 (RIGHT)
STATION 122+28.62 TO STATION 123+84.96 (RIGHT)
STATION 126+59.94 TO STATION 128+22.95 (RIGHT)

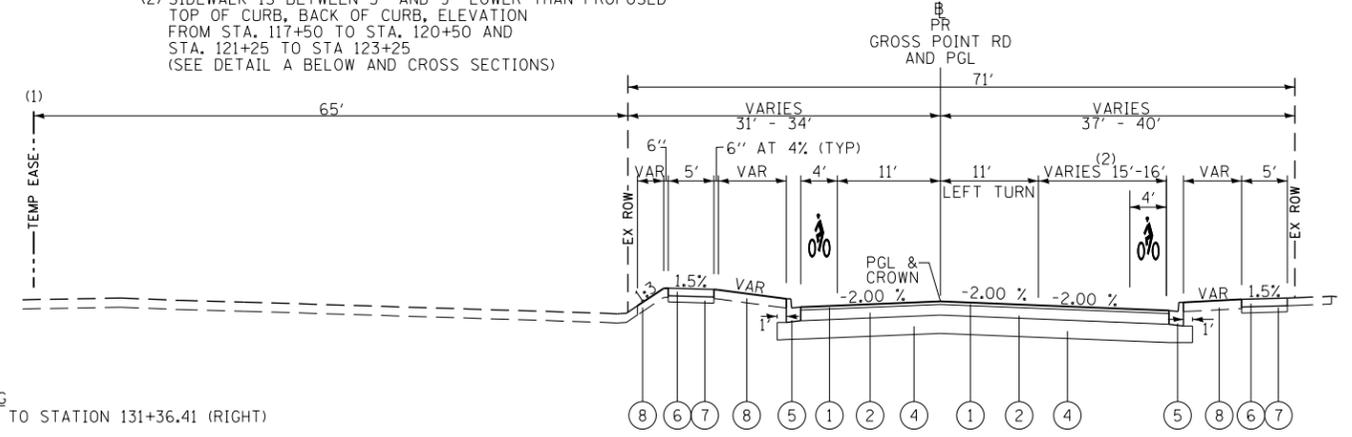
- (1) SIDEWALK IS 7' WIDE AND ADJACENT TO THE BACK OF CURB FROM STA. 117+00 TO STA. 123+50
- (2) SIDEWALK IS BETWEEN 3" AND 9" LOWER THAN PROPOSED TOP OF CURB, BACK OF CURB, ELEVATION FROM STA. 117+50 TO STA. 120+50 AND STA. 121+25 TO STA 123+25 (SEE DETAIL A BELOW AND CROSS SECTIONS)



PROPOSED TYPICAL SECTION
GROSS POINT ROAD
STATION 128+22.95 TO STATION 134+46.00

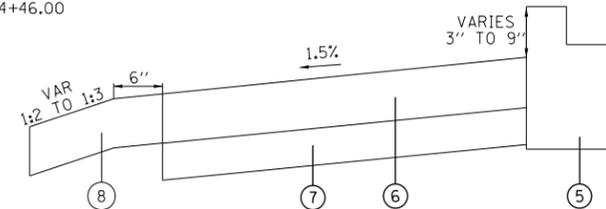
ON STREET PARKING
STATION 128+22.95 TO STATION 131+36.41 (RIGHT)

- (1) TEMPORARY EASEMENT (RIGHT)
STA 130+24.93 TO STA 131+60.00
- (2) TEMPORARY EASEMENT (LEFT)
STA 134+70.90 TO STA 134+46.00



PROPOSED TYPICAL SECTION
GROSS POINT ROAD
STATION 134+46.00 TO STATION 139+29.54

- (1) TEMPORARY EASEMENT (LEFT)
STA 134+46.00 TO STA 136+00.00
- (2) THRU LANE VARIES FROM 12' TO 11' AND TOTAL WIDTH VARIES FROM 16' TO 15' WITHIN THIS SECTION



DETAIL A

PROPOSED

- ① HOT-MIX ASPHALT (HMA) SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 7"
- ③ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 1"
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 OR TYPE B-6.12 (SPECIAL) (SEE DETAIL "B" ON NEXT SHEET)
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- ⑦ AGGREGATE BASE COURSE, TYPE B 4"
- ⑧ TOPSOIL FURNISH AND PLACE, 6" AND SODDING, SALT TOLERANT
- ⑨ CLASS C PATCHES, 10" (AS DIRECTED BY THE ENGINEER)
- ⑩ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND REPLACE WITH AGGREGATE SUBGRADE IMPROVEMENT (AS DIRECTED BY THE ENGINEER)

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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

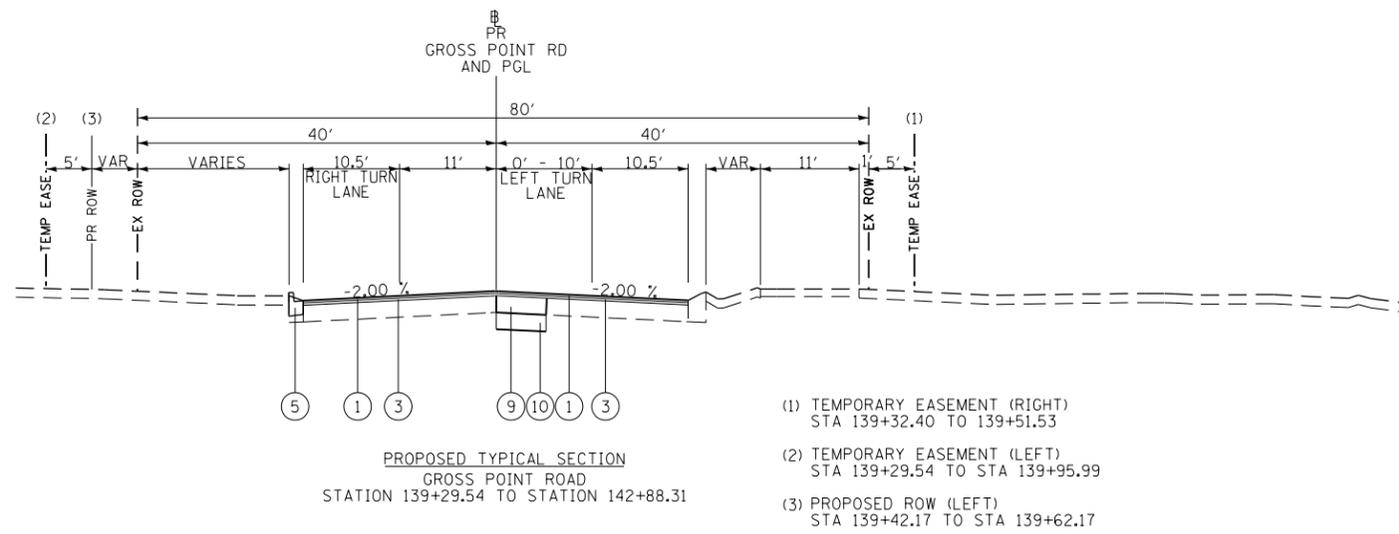
**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
PROPOSED TYPICAL SECTIONS**

SHEET 3 OF 4 SHEETS STA. TO STA.

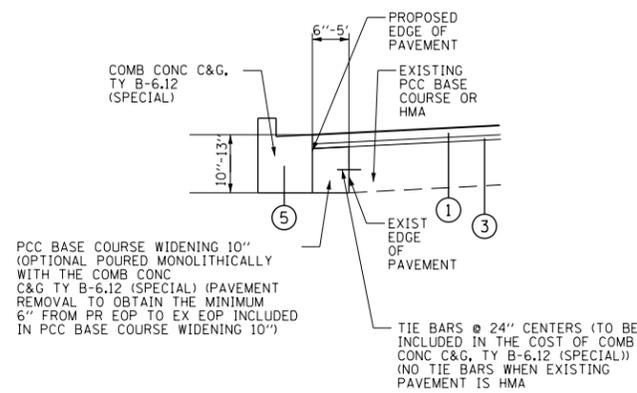
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	25
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

NOTE:

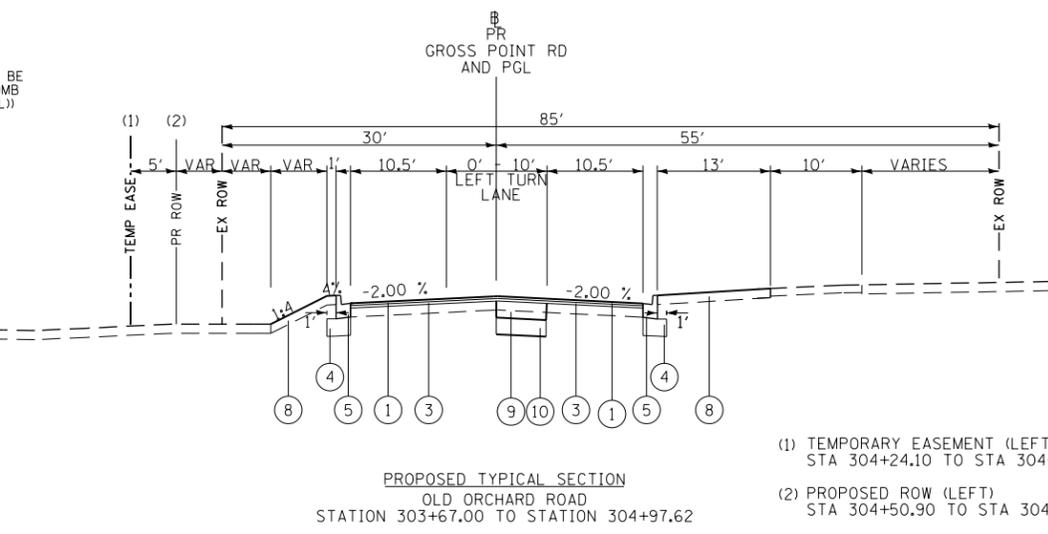
- SEE INTERSECTION DETAIL SHEETS FOR DETAILED PAVEMENT ELEVATIONS AND CROSS SLOPES AT INTERSECTIONS OF GROSS POINT ROAD AT PAYNE STREET AND GROSS POINT ROAD AT OLD ORCHARD ROAD.



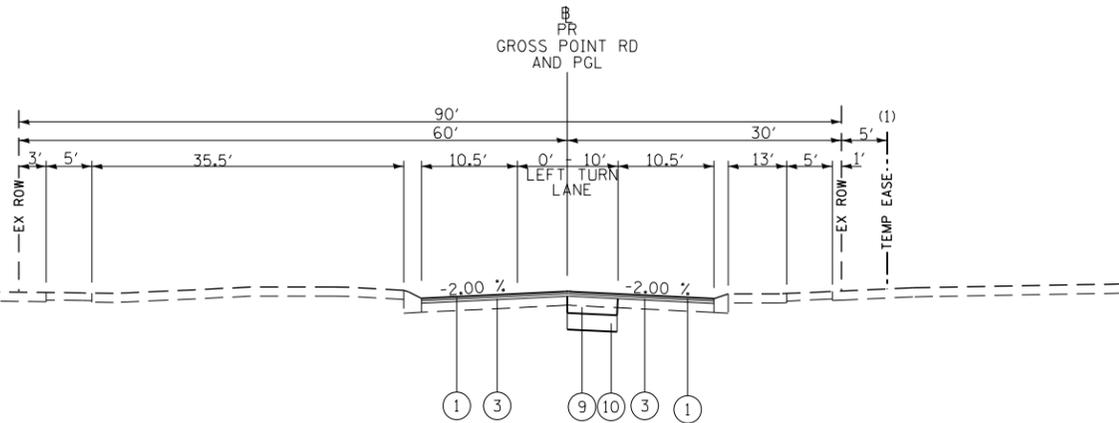
- (1) TEMPORARY EASEMENT (RIGHT) STA 139+32.40 TO 139+51.53
- (2) TEMPORARY EASEMENT (LEFT) STA 139+29.54 TO STA 139+95.99
- (3) PROPOSED ROW (LEFT) STA 139+42.17 TO STA 139+62.17



COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (SPECIAL)
DETAIL B



- (1) TEMPORARY EASEMENT (LEFT) STA 304+24.10 TO STA 304+97.65
- (2) PROPOSED ROW (LEFT) STA 304+50.90 TO STA 304+75.56



- (1) TEMPORARY EASEMENT (RIGHT) STA 305+16.07 TO STA 305+34.56

PROPOSED

- HOT-MIX ASPHALT (HMA) SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 7"
- POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 1"
- AGGREGATE SUBGRADE IMPROVEMENT 12"
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 OR TYPE B-6.12 (SPECIAL) (SEE DETAIL "B" ON THIS SHEET)
- PORTLAND CEMENT CONCRETE SIDEWALK 5"
- AGGREGATE BASE COURSE, TYPE B 4"
- TOPSOIL FURNISH AND PLACE, 6" AND SODDING, SALT TOLERANT
- CLASS C PATCHES, 10" (AS DIRECTED BY THE ENGINEER)
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND REPLACE WITH AGGREGATE SUBGRADE IMPROVEMENT (AS DIRECTED BY THE ENGINEER)

GROSS POINT ROAD

STRUCTURAL DESIGN TRAFFIC:	YEAR 2032
PV= 11,168	SU= 411 MU= 176
ROAD/STREET CLASSIFICATION:	CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 50%	S= 50% M= 50%
TRAFFIC FACTOR:	ACTUAL TF= 1.16 MINIMUM TF= NONE
THICKNESS BINDER= 7.00"	SURFACE= 2.00"
SUBGRADE SUPPORT RATING:	SSR= GRANULAR

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	OMP
GROSS POINT ROAD:		
HOT-MIX ASPHALT (HMA) SURFACE COURSE, MIX "D", IL-9.5, N70, 2"	4% @ 70 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7"	4% @ 70 GYRATIONS	LR 1030-2
OLD ORCHARD ROAD (MILLING BEFORE PATCHING):		
HOT-MIX ASPHALT (HMA) SURFACE COURSE, MIX "D", IL-9.5, N70, 2"	4% @ 70 GYRATIONS	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"	3.5% @ 50 GYRATIONS	LR 1030-2
HMA DRIVEWAY PAVEMENT 8" & 10"		
HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYRATIONS	LR 1030-2
HMA BASE COURSE (HMA BINDER IL-19 mm), PE-6", CE-8"	4% @ 50 GYRATIONS	LR 1030-2
TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)		
TEMP PAVEMENT (HMA BINDER IL-19 mm) 8"	4% @ 70 GYRATIONS	LR 1030-2
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

- NOTES:
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/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.
 - PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

EARTHWORK TABLE

LOCATION:	REM AND DISP OF UNSUITABLE MATERIAL (6" TOPSOIL STRIPPING /UNDERCUT) (CU YD) 20201200	EARTH EXCAVATION (CU YD) 20200100	EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
GROSS POINT ROAD - STAGE I	390	3,565	3,030	200	+2,830
GROSS POINT ROAD - STAGE II	665	2,030	1,725	420	+1,305
GROSS POINT ROAD - STAGE III	55	360	310	20	+290
UNDERCUTTING FOR AGG. SUBGRADE IMPROVEMENT	1,460				
TOTAL	2,570	5,955	5,065	640	+4,425

EARTHWORK SUMMARY OF QUANTITIES

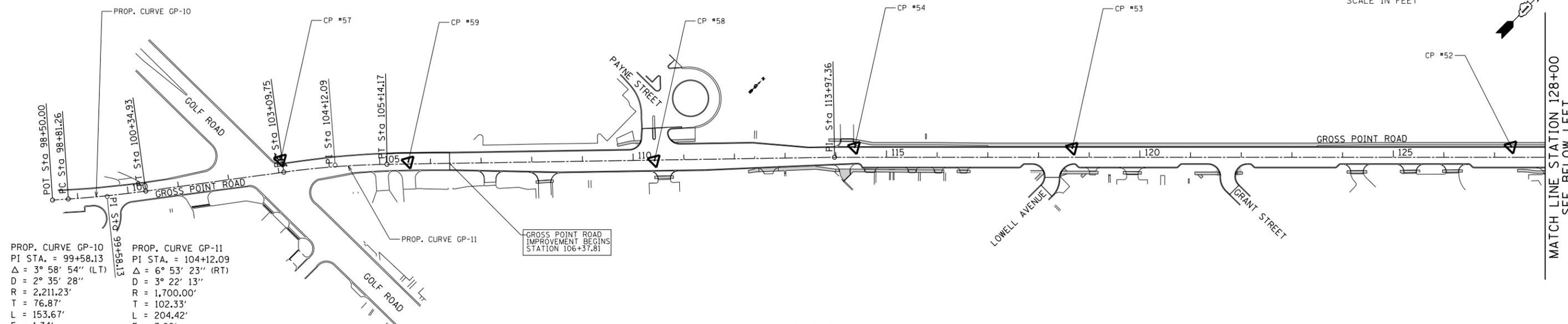
	TOTAL	UNITS
(20200100) EARTH EXCAVATION	5,955	CU YD
(20201200) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (6" TOPSOIL STRIPPING)	1,110	CU YD
(30300001) * AGG. SUBGRADE IMPROVEMENT (UNDERCUT)	1,460	CU YD
FURNISHED EXCAVATION	0	CU YD

• AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) 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 CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT 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.

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

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 THE CONTRACTOR'S EXPENSE.

BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.



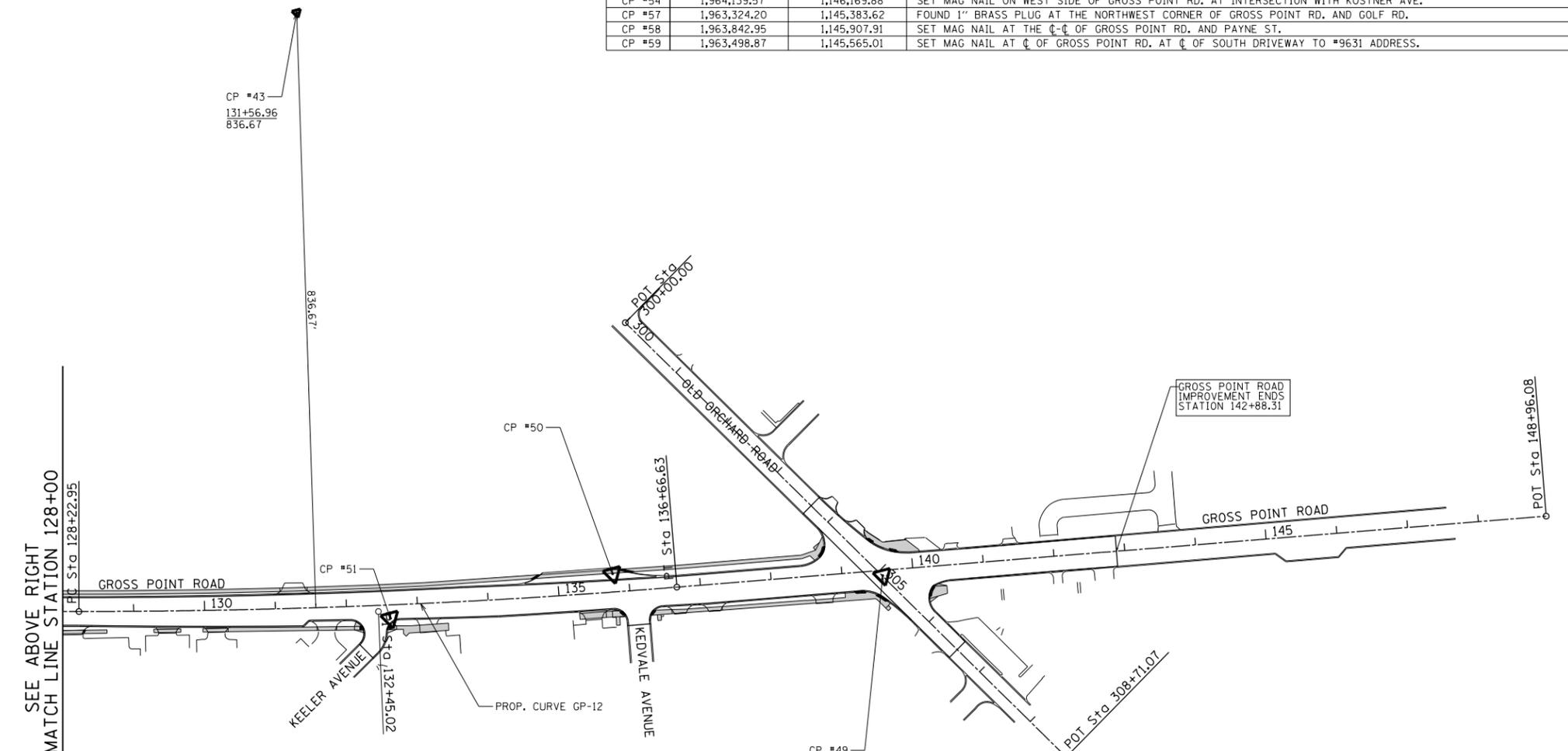
PROP. CURVE GP-10
 PI STA. = 99+58.13
 $\Delta = 3^\circ 58' 54''$ (LT)
 $D = 2^\circ 35' 28''$
 $R = 2,211.23'$
 $T = 76.87'$
 $L = 153.67'$
 $E = 1.34'$
 $e = \text{EXIST}$
 T.R. = EXIST
 S.E. RUN = EXIST
 P.C. STA = 98+81.26
 P.T. STA = 100+34.93

PROP. CURVE GP-11
 PI STA. = 104+12.09
 $\Delta = 6^\circ 53' 23''$ (RT)
 $D = 3^\circ 22' 13''$
 $R = 1,700.00'$
 $T = 102.33'$
 $L = 204.42'$
 $E = 3.08'$
 $e = \text{EXIST}$
 T.R. = EXIST
 S.E. RUN = EXIST
 P.C. STA = 103+09.75
 P.T. STA = 105+14.17

CONTROL POINT SUMMARY

NAME	NORTHING	EASTING	DESCRIPTION
CP #43	1,965,915.50	1,146,792.08	SET MAG NAIL ON SOUTH SIDE OF OLD ORCHARD ROAD.
CP #49	1,965,935.99	1,147,935.64	SET MAG NAIL AT INTERSECTION OF OLD ORCHARD RD. AND GROSS POINT RD.
CP #50	1,965,669.65	1,147,663.71	SET MAG NAIL ON WEST SIDE OF GROSS POINT RD. AT KEDVALE ON THE NORTH SIDE OF THE CEMETERY DRIVEWAY.
CP #51	1,965,404.46	1,147,485.46	SET MAG NAIL ON THE EAST SIDE OF GROSS POINT RD. AT KEELER.
CP #52	1,965,053.38	1,147,088.47	SET 5/8" REBAR W/ YELLOW CAP ON THE WEST SIDE OF GROSS POINT RD. 5.05' FROM EDGE OF PAVEMENT ACROSS FROM #9843 ADDRESS.
CP #53	1,964,441.21	1,146,475.72	SET 5/8" REBAR W/ YELLOW CAP ON THE WEST SIDE OF GROSS POINT RD. 6.70' FROM EDGE OF PAVEMENT AT INTERSECTION OF LOWELL AVE.
CP #54	1,964,139.57	1,146,169.88	SET MAG NAIL ON WEST SIDE OF GROSS POINT RD. AT INTERSECTION WITH KOSTNER AVE.
CP #57	1,963,324.20	1,145,383.62	FOUND 1" BRASS PLUG AT THE NORTHWEST CORNER OF GROSS POINT RD. AND GOLF RD.
CP #58	1,963,842.95	1,145,907.91	SET MAG NAIL AT THE C-C OF GROSS POINT RD. AND PAYNE ST.
CP #59	1,963,498.87	1,145,565.01	SET MAG NAIL AT C-C OF GROSS POINT RD. AT C-C OF SOUTH DRIVEWAY TO #9631 ADDRESS.

PROP. CURVE GP-12
 PI STA. = 132+45.02
 $\Delta = 4^\circ 39' 17''$ (LT)
 $D = 0^\circ 33' 06''$
 $R = 10,385.00'$
 $T = 422.07'$
 $L = 843.68'$
 $E = 8.57'$
 $e = \text{NC}$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA = 128+22.95
 P.T. STA = 136+66.63



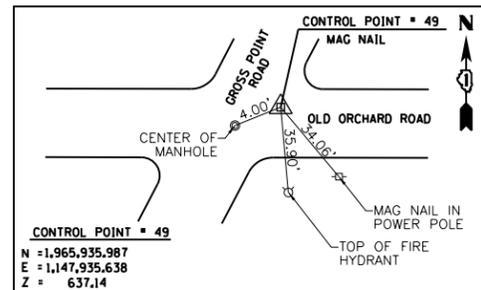
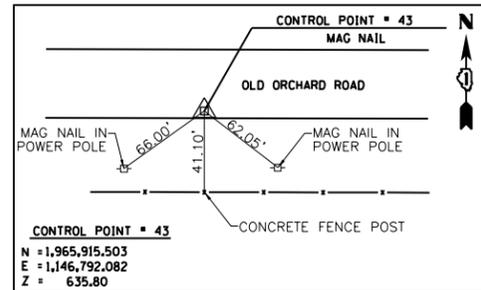
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		DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1"=200' SHEET 1 OF 2 SHEETS STA. TO STA.

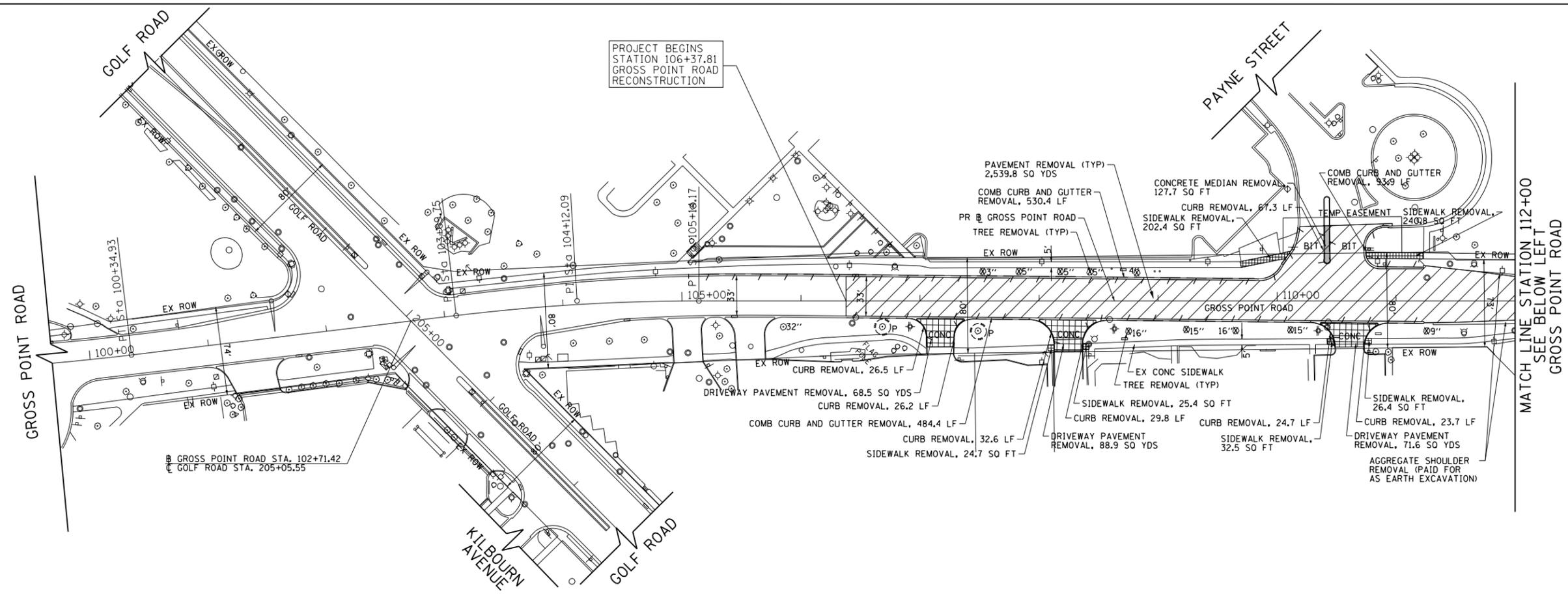
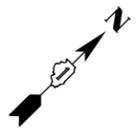
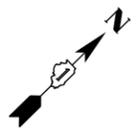
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	28
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



BENCHMARK SUMMARY

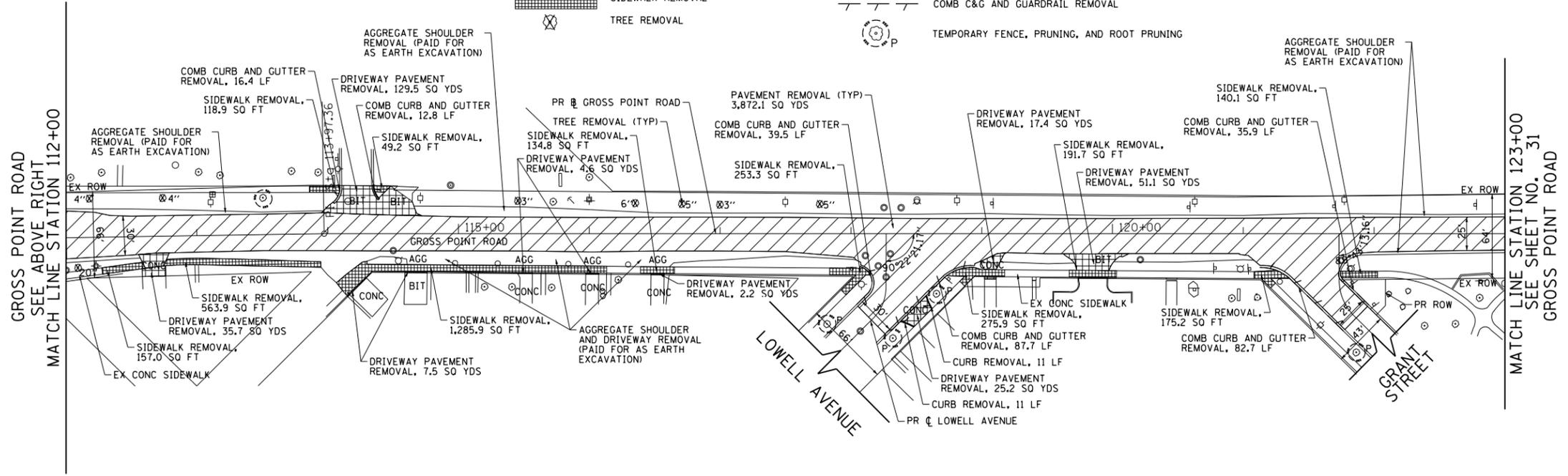
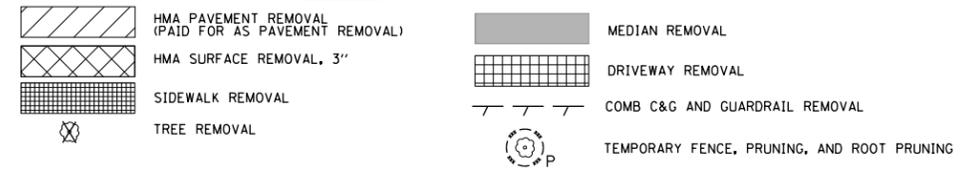
NAME	ELEVATION	DESCRIPTION
SKO08	625.89	FOUND BRASS DISK AT NE CORNER OF OLD ORCHARD ROAD AND SKOKIE BOULEVARD.
TBM A	628.86	SET "X" IN THE NE BOLT OF THE FH AT THE NORTHEAST CORNER OF OLD ORCHARD ROAD AND BEVERLY ROAD.
TBM B	636.46	SET "X" IN THE NE BOLT OF THE FH ON THE SOUTH SIDE OF OLD ORCHARD ROAD ACROSS FROM 4600 ADDRESS.
TBM C	638.11	SET RR SPIKE IN 10TH POWER POLE WEST OF GREELEY AVENUE ON THE SOUTH SIDE OF OLD ORCHARD ROAD.
TBM D	638.52	SET "X" IN THE NE BOLT OF THE FH ON THE NORTHEAST CORNER OF OLD ORCHARD ROAD AND GREELEY AVENUE.
TBM E	637.86	SET "7" CUT IN THE NW CORNER OF THE TRAFFIC SIGNAL CONTROLLER AT THE SOUTHEAST CORNER OF OLD ORCHARD ROAD AND GROSS POINT ROAD.
TBM F	640.08	SET "X" IN THE E BOLT OF THE FH AT THE SOUTHWEST CORNER OF KEELER AND GROSS POINT ROAD.
TBM G	639.67	SET "X" IN THE E BOLT OF THE 1ST FH NORTH OF GRANT STREET ON THE WEST SIDE OF GROSS POINT ROAD.
TBM H	638.66	SET "X" IN THE NE BOLT OF THE FH AT THE SOUTHWEST CORNER OF LOWELL AVENUE AND GROSS POINT ROAD.
TBM I	638.91	SET "X" IN THE SE BOLT OF THE FH AT THE NORTHWEST CORNER OF PAYNE STREET AND GROSS POINT ROAD.
TBM J	638.01	SET "X" IN THE SE BOLT OF THE FH ON THE WEST SIDE OF GROSS POINT ROAD ACROSS FROM #9631 ADDRESS.
TBM K	635.24	SET "7" CUT IN THE NW CORNER OF THE TRAFFIC SIGNAL CONTROLLER AT THE SOUTHEAST CORNER OF GOLF ROAD AND GROSS POINT ROAD.

ALL COORDINATES SHOWN HEREON ARE BASE UPON THE ILLINOIS STATE PLANE COORDINATE SYSTEMS: (NAD83) - NORTH AMERICAN DATUM 1983 (2007 ADJUSTMENT) EAST ZONE AND (NGVD 1929) - NATIONAL GEODETIC VERTICAL DATUM OF 1929.



- NOTES:**
1. ANY TREE REMOVAL LESS THAN 6 INCH DIAMETER IS INCLUDED IN THE COST OF EARTH EXCAVATION.
 2. FOR DRAINAGE REMOVAL AND ADJUSTMENTS, SEE SHEETS 51 TO 52 .

LEGEND



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

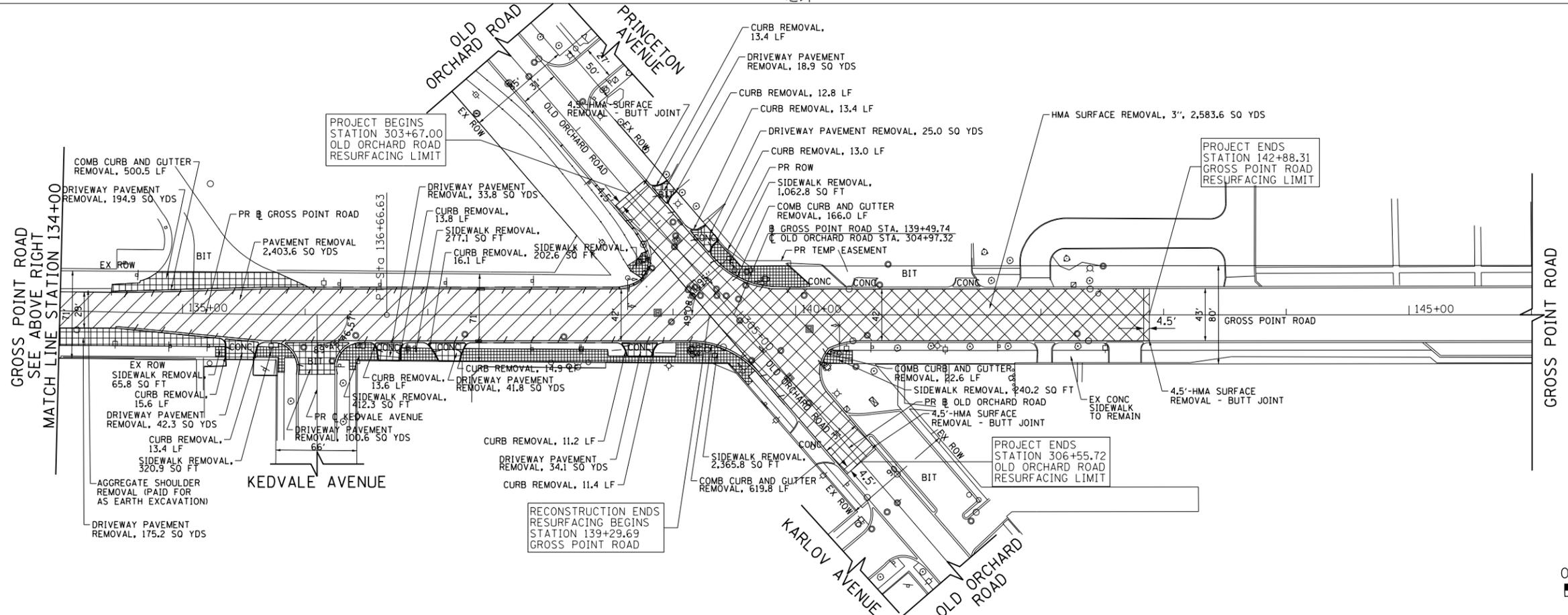
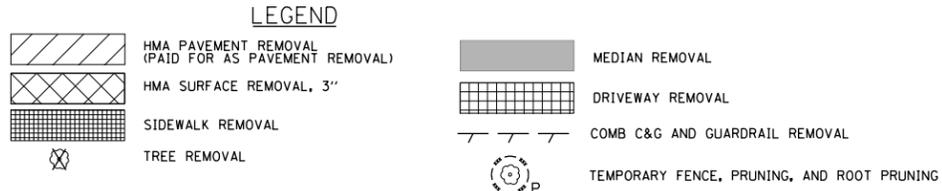
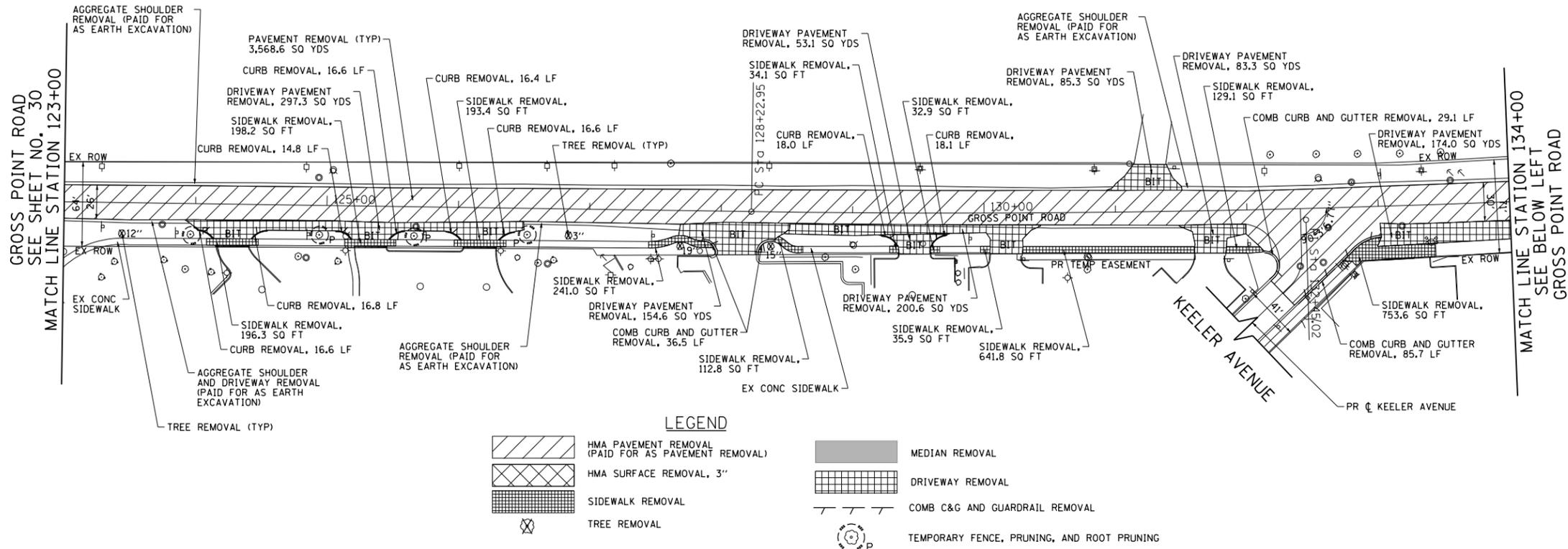
**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
REMOVAL PLAN**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 106+37.81 TO STA. 123+00.00

F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	30
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

NOTES:

1. ANY TREE REMOVAL LESS THAN 6 INCH DIAMETER IS INCLUDED IN THE COST OF EARTH EXCAVATION.
2. FOR DRAINAGE REMOVAL AND ADJUSTMENTS, SEE SHEETS 51 TO 52 .



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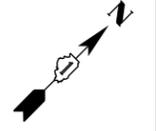
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

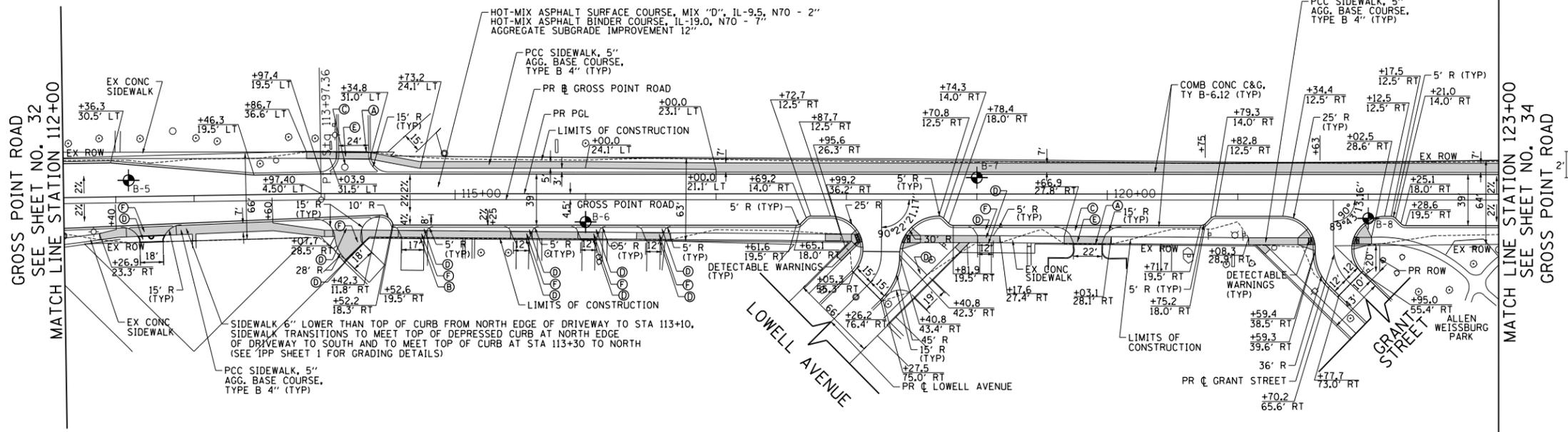
**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
REMOVAL PLAN**
SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 123+00.00 TO STA. 145+20.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	31
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	



LEGEND

PCC SIDEWALK 5", 6" OR 8" AGG BASE CSE, TY B 4"

DETECTABLE WARNINGS

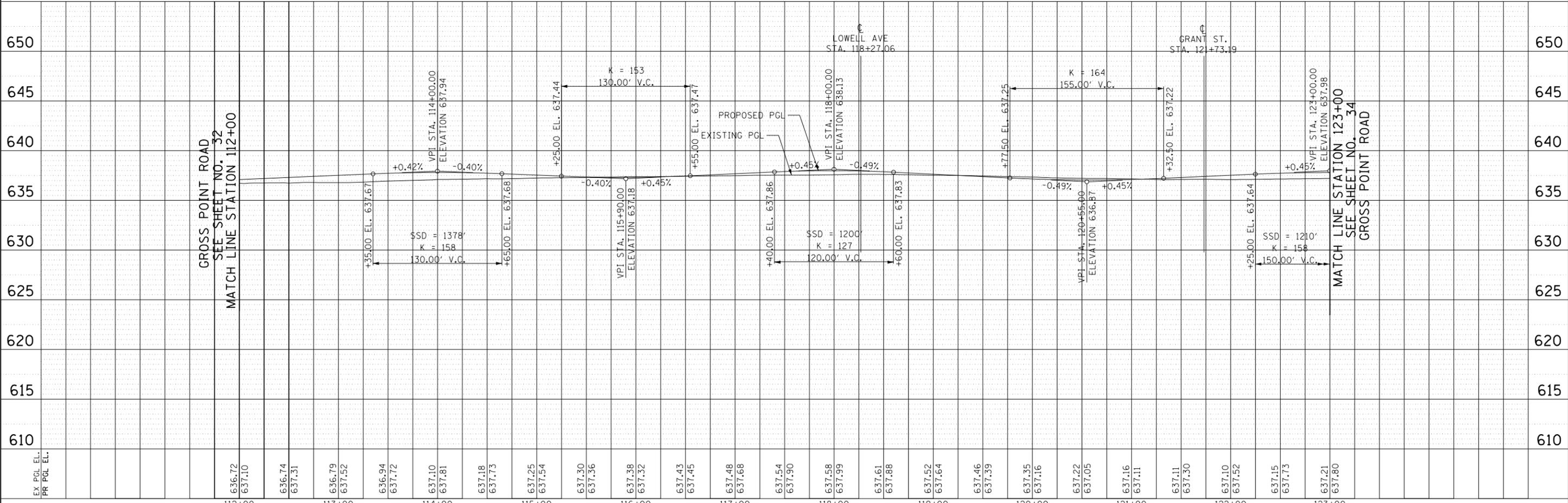
LEGEND

- Ⓐ HMA DRIVEWAY PAVEMENT, 10" HMA SURF CSE, (MIX "D") N50, 2" OVER 8" HMA BASE COURSE AGG-BASE COURSE, TYPE B 4"
- Ⓑ HMA DRIVEWAY PAVEMENT, 8" HMA SURF CSE, (MIX "D") N50, 2" OVER 6" HMA BASE COURSE AGG-BASE COURSE, TYPE B 4"
- Ⓒ PCC DRIVEWAY PAVEMENT, 8" AGG-BASE COURSE, TYPE B 4"
- Ⓓ PCC DRIVEWAY PAVEMENT, 6" AGG-BASE COURSE, TYPE B 4"
- Ⓔ PCC SIDEWALK, 8" AGG-BASE COURSE, TYPE B 4"
- Ⓕ PCC SIDEWALK, 6" AGG-BASE COURSE, TYPE B 4"

SOIL BORING

HORIZ. 0 50 100

VERT. 0 5 10

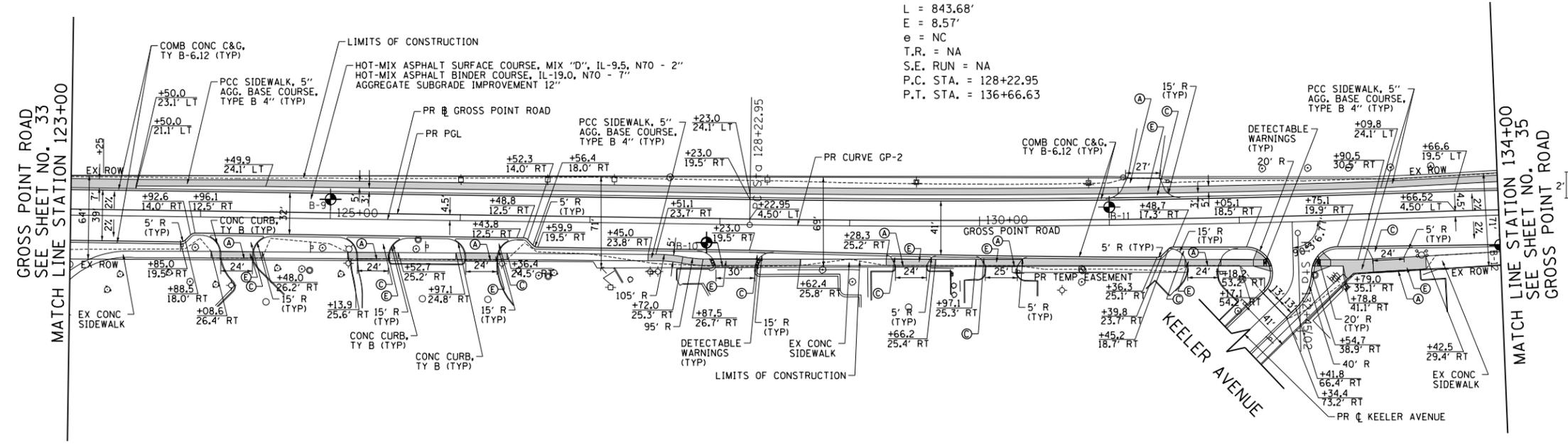


FILE NAME =	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS	GROSS POINT ROAD	F.A.U. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Invalid expression		DRAWN - MLB	REVISED -	DEPARTMENT OF TRANSPORTATION	GOLF ROAD TO OLD ORCHARD ROAD	3520	08-00279-00-FP	COOK	160	33
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		PLAN AND PROFILE	SCALE: 1"=50'		SHEET 2 OF 4 SHEETS	STA. 112+00.00 TO STA. 123+00.00	CONTRACT NO. 61H23
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -			ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO. _____	
	NO. _____	
	NO. _____	

PROP. CURVE GP-2
 PI STA. = 132+45.02
 $\Delta = 4^\circ 39' 17''$ (LT)
 $D = 0^\circ 33' 06''$
 $R = 10,385.00'$
 $T = 422.07'$
 $L = 843.68'$
 $E = 8.57'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 128+22.95
 P.T. STA. = 136+66.63



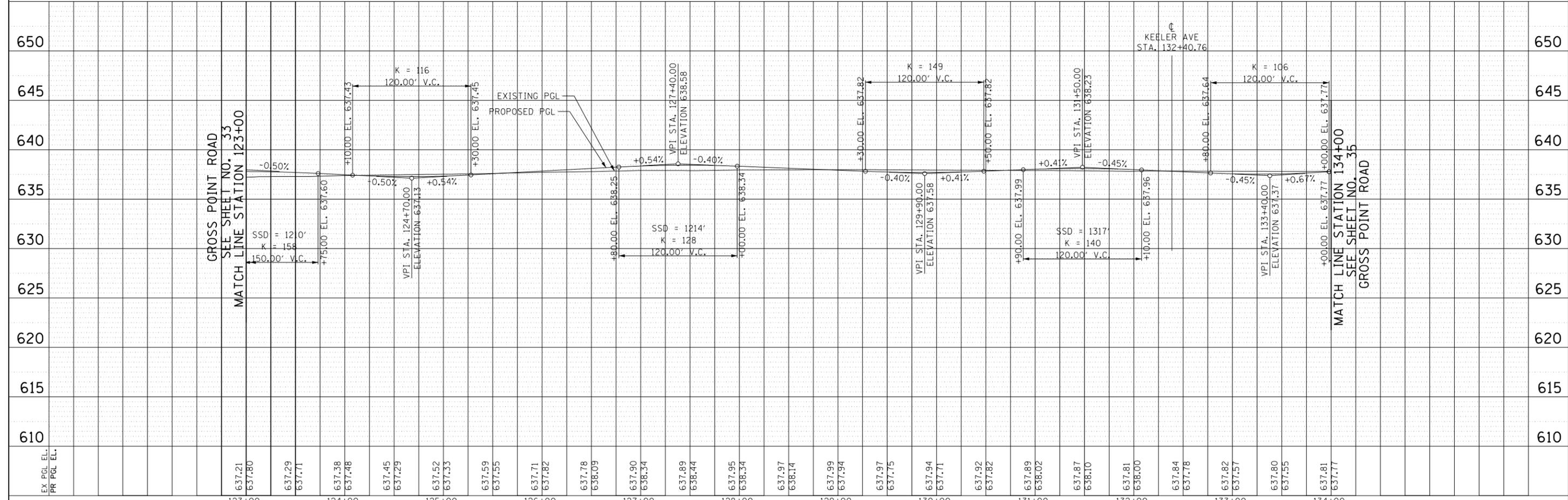
LEGEND

PCC SIDEWALK 5", 6" OR 8"
 AGG BASE CSE, TY B 4"

DETECTABLE WARNINGS

LEGEND
 (A) HMA DRIVEWAY PAVEMENT, 10"
 HMA SURF CSE, (MIX "D")
 NSO, 2" OVER 8" HMA BASE COURSE
 AGG-BASE COURSE, TYPE B 4"
 (B) HMA DRIVEWAY PAVEMENT, 8"
 HMA SURF CSE, (MIX "D")
 NSO, 2" OVER 6" HMA BASE COURSE
 AGG-BASE COURSE, TYPE B 4"
 (C) PCC DRIVEWAY PAVEMENT, 8"
 AGG-BASE COURSE,
 TYPE B 4"
 (D) PCC DRIVEWAY PAVEMENT, 6"
 AGG-BASE COURSE,
 TYPE B 4"
 (E) PCC SIDEWALK, 8"
 AGG-BASE COURSE,
 TYPE B 4"
 (F) PCC SIDEWALK, 6"
 AGG-BASE COURSE,
 TYPE B 4"
 SOIL BORING

HORIZ. 0 50 100
 VERT. 0 5 10

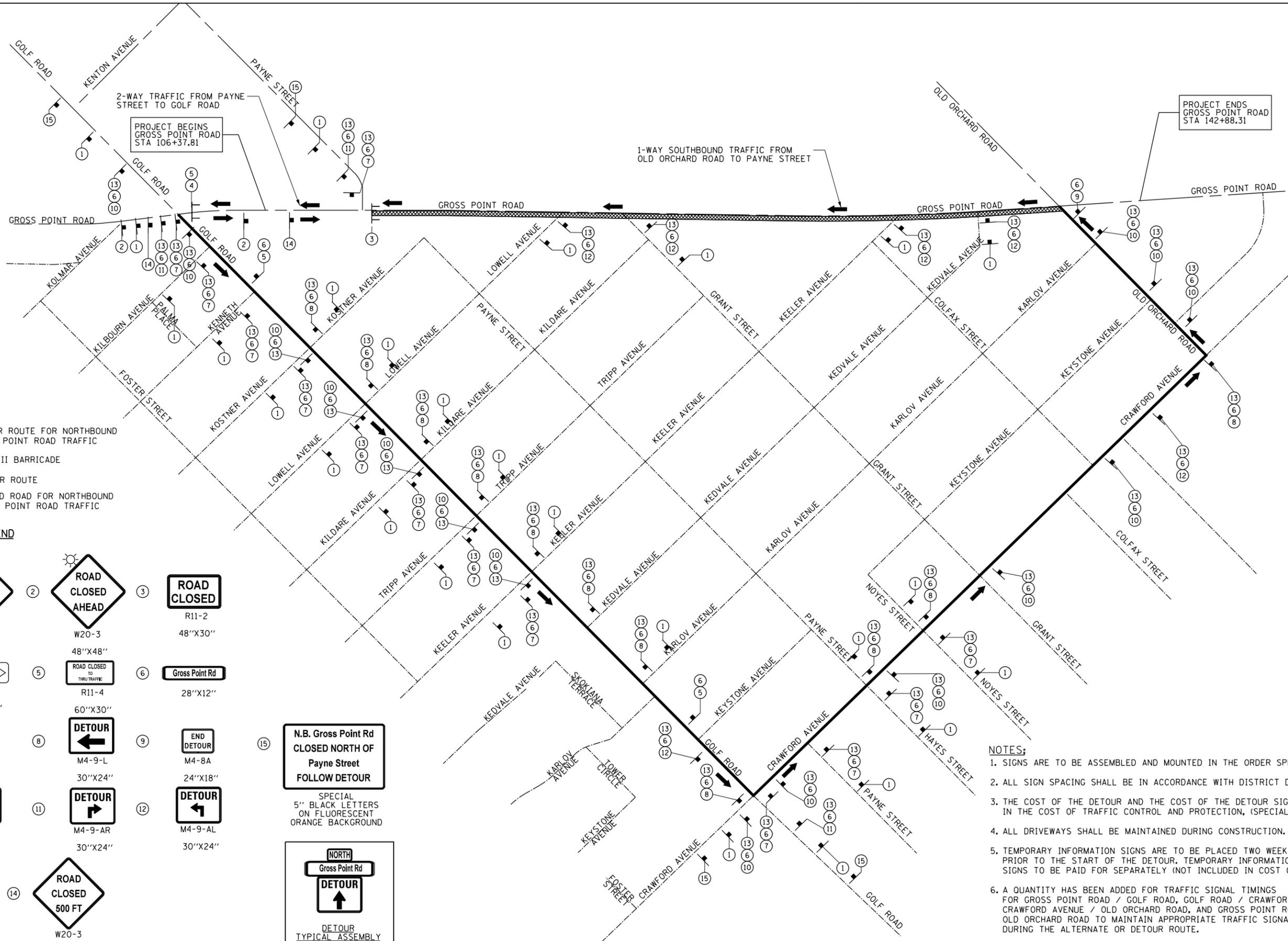
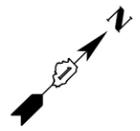


FILE NAME =	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD PLAN AND PROFILE		F.A.U. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Invalid expression		DRAWN - MLB	REVISED -		3520	08-00279-00-FP	COOK	160	34		
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50'	SHEET 3 OF 4 SHEETS	STA. 123+00.00 TO STA. 134+00.00	CONTRACT NO. 61H23			
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		ILLINOIS FED. AID PROJECT						

NOTES:

1. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION
2. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE (3) WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
3. IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE (3) WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF SIGNS.
4. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
5. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM, ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
7. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO CLOSE THIS ROAD. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT IS DEEMED NECESSARY BY THE ENGINEER.
8. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
9. ALL DETOUR SIGNING SHALL BE POST MOUNTED. IN ACCORDANCE WITH ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901.
10. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE "STANDARD SPECIFICATIONS". ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
11. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE "THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
12. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE "STANDARD SPECIFICATIONS". ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
13. ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED 8 FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.
14. THE "ROAD CLOSED" (R11-2), AND THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO (2) AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
15. THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9"X VARIABLE OR 12"X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 5" LOWER CASE.
16. DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC, THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
17. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT ARTICLE 701.04 OF THE "STANDARD SPECIFICATIONS" SHALL APPLY.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
19. THE FOLLOWING ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD IS APPLICABLE FOR THIS WORK: STANDARD 701901-05 AND DISTRICT DETAIL TC-21 FOR SIGN SPACING.
20. THE ENGINEER SHALL BE NOTIFIED AT LEAST EIGHT (8) HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
21. MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION AND TEMPORARY TRAFFIC SIGNAL TIMING ARE REQUIRED AT THE FOLLOWING INTERSECTIONS:
 - GOLF RD AT GROSS POINT RD
 - GOLF RD AT CRAWFORD AVE
 - CRAWFORD AVE AT OLD ORCHARD RD

FILE NAME = Invalid expression	USER NAME = btwegner	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD DETOUR NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: NONE	SHEET 1 OF 2 SHEETS	STA.	TO STA.	3520	08-00279-00-FP	COOK	160	36
	PLOT DATE = 6/28/2022	DATE - 6/1/2022	REVISED -		CONTRACT NO. 61H23								
					ILLINOIS FED. AID PROJECT								



LEGEND

- SIGN
- DETOUR ROUTE FOR NORTHBOUND GROSS POINT ROAD TRAFFIC
- TYPE III BARRICADE
- DETOUR ROUTE
- CLOSED ROAD FOR NORTHBOUND GROSS POINT ROAD TRAFFIC

SIGN LEGEND

1	2	3
W20-2 48"X48"	W20-3 48"X48"	R11-2 48"X30"
4	5	6
M4-10R 48"X18"	R11-4 60"X30"	28"X12"
7	8	9
M4-9-R 30"X24"	M4-9-L 30"X24"	M4-8A 24"X18"
10	11	12
M4-9-S 30"X24"	M4-9-AR 30"X24"	M4-9-AL 30"X24"
13	14	15
M3-1(0) 24"X12"	W20-3 48"X48"	SPECIAL 5" BLACK LETTERS ON FLUORESCENT ORANGE BACKGROUND

NOTES:

1. SIGNS ARE TO BE ASSEMBLED AND MOUNTED IN THE ORDER SPECIFIED, TOP TO BOTTOM.
2. ALL SIGN SPACING SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-21
3. THE COST OF THE DETOUR AND THE COST OF THE DETOUR SIGNS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
4. ALL DRIVEWAYS SHALL BE MAINTAINED DURING CONSTRUCTION.
5. TEMPORARY INFORMATION SIGNS ARE TO BE PLACED TWO WEEKS PRIOR TO THE START OF THE DETOUR. TEMPORARY INFORMATION SIGNS TO BE PAID FOR SEPARATELY (NOT INCLUDED IN COST OF DETOUR).
6. A QUANTITY HAS BEEN ADDED FOR TRAFFIC SIGNAL TIMINGS FOR GROSS POINT ROAD / GOLF ROAD, GOLF ROAD / CRAWFORD AVENUE, CRAWFORD AVENUE / OLD ORCHARD ROAD, AND GROSS POINT ROAD / OLD ORCHARD ROAD TO MAINTAIN APPROPRIATE TRAFFIC SIGNAL TIMINGS DURING THE ALTERNATE OR DETOUR ROUTE.
7. REFER TO STAGING PLANS FOR DETAILS.

FILE NAME = Invalid expression	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

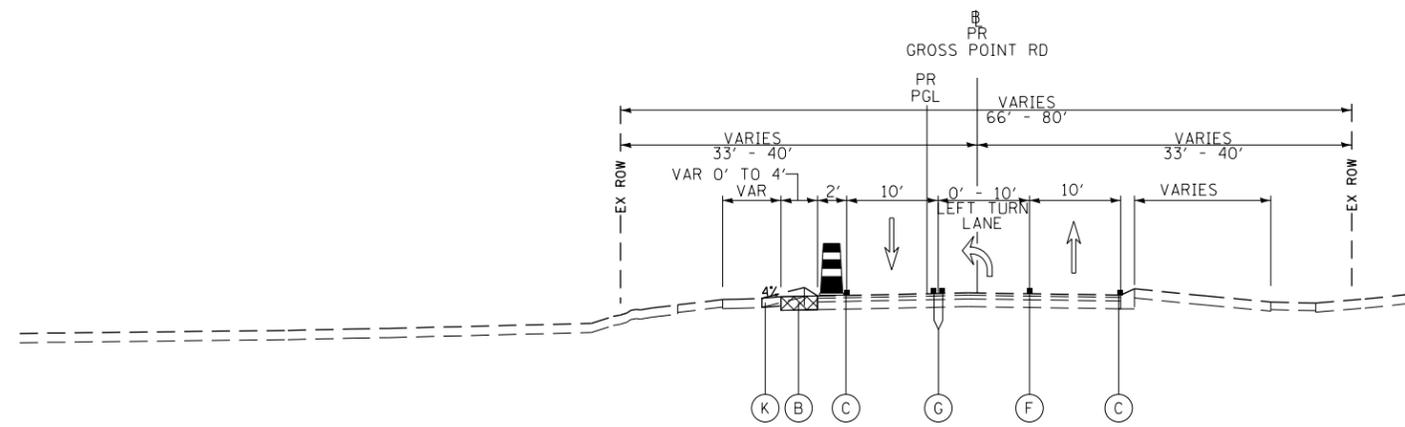
GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD DETOUR ROUTE	
SCALE: NONE	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	37
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

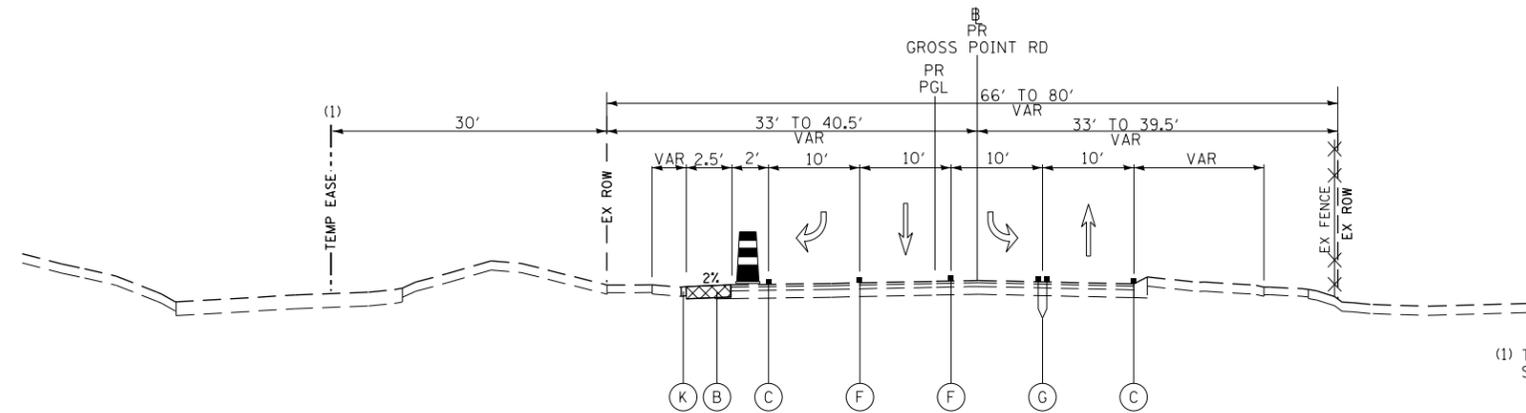
GENERAL NOTES

1. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN.HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK
2. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
3. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
4. ALL DRIVEWAYS SHALL BE OPEN FOR TRAFFIC DURING CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS.
5. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL-GRINDING OR PAVEMENT MARKING REMOVAL-WATER BLASTING
6. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO 7 DAYS OF SERVICE OR REPLACEMENT AFTER THE REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
7. TEMPORARY PAVEMENT SHALL ADHERE TO THE TEMPORARY PAVEMENT SPECIAL PROVISION. TEMPORARY PAVEMENT SHALL CONSIST OF 8 INCHES OF PCC PAVEMENT OR 8 INCHES OF HMA BINDER COURSE. THE SELECTED ALTERNATIVE SHALL BE PLACED ON 4 INCHES OF GRANULAR MATERIAL TY B, WHICH WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE FOR TEMPORARY PAVEMENT.
8. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS, FOR BOTH ROADWORK AND PEDESTRIAN ACCESS, SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
9. ALL CONSTRUCTION SIGNS, BARRICADES, AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR.
10. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.
11. THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL DRIVEWAYS AND SIDE STREETS AT ALL TIMES AND STAGES OF CONSTRUCTION EXCEPT FOR A MAXIMUM PERIOD OF 4 CALENDAR DAYS AFTER NEW CONCRETE CURB, DRIVEWAY PAVEMENT OR SIDEWALK IS POURED. BUSINESSES SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THIS PERIOD. PAY ITEMS ARE INCLUDED FOR TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE), AND TEMPORARY ACCESS (ROAD) WHICH ARE FOR TEMPORARY AGGREGATE FOR MAINTAINING DRIVEWAYS/ROADWAYS AND FOR THE SUBSEQUENT REMOVAL OF THE TEMPORARY AGGREGATE.
12. ALL ACCOMMODATIONS FOR PEDESTRIANS INCLUDING FLAGGERS, SIGNS, AND BARRICADES, SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL). THIS WORK SHALL INCLUDE ESTABLISHING PEDESTRIAN ACCESS IN ALL STAGES OF CONSTRUCTION THROUGHOUT THE ENTIRE DURATION OF THE PROJECT. TO MAINTAIN ACCESS BETWEEN STREETS AND STORE FRONTS, ANY RAMPS USED SHALL BE METAL. TIMBER AND LUMBER RAMPS ARE NOT ALLOWED. PLACING THESE RAMPS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE INCLUDED IN THE CONTRACTOR UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
13. IN ORDER TO ALLOW FOR ACCESS TO REMAIN OPEN TO LOCAL DRIVEWAYS, CONSTRUCTION OF THE DRIVEWAYS WILL PROCEED WITH HALF OF THE DRIVEWAY BEING RE-CONSTRUCTED AND THE OTHER HALF OF THE DRIVEWAY ACCESSIBLE TO TRAFFIC. ONCE THE FIRST HALF OF THE DRIVEWAY CONSTRUCTION IS COMPLETED, THE SECOND HALF OF THE DRIVEWAY WILL BE RE-CONSTRUCTED WHILE TRAFFIC IS DIRECTED ON TO THE NEWLY CONSTRUCTED HALF OF THE DRIVEWAY. THIS RESTRICTION ONLY APPLIES TO LOCATIONS THAT HAVE ONLY ONE (1) DRIVEWAY. LOCATIONS WITH TWO (2) OR MORE DRIVEWAYS SHALL HAVE THE DRIVEWAYS STAGED NON-CONCURRENTLY.
14. TEMPORARY PAVEMENT MARKING - TYPE IV TAPE SHALL BE USED ON ALL FINAL PAVEMENT SURFACES AND EXISTING PAVEMENT SURFACES TO REMAIN. TEMPORARY PAVEMENT MARKING - MODIFIED URETHANE SHALL BE USED ON TEMPORARY PAVEMENT OR EXISTING PAVEMENT THAT IS TO BE REMOVED. TEMPORARY PAVEMENT MARKING - PAINT SHALL BE USED ON THE RESURFACING PORTION OF THE PROJECT ON THE MILLED SURFACE AND LEVELING BINDER SURFACE IN ACCORDANCE WITH ARTICLE 703.05 OF THE 2022 STANDARD SPECIFICATIONS.
15. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PAVEMENT MARKING TAPE, TYPE IV AND/OR MODIFIED URETHANE USED FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL - GRINDING" WITHIN THE PROJECT LIMITS AND "PAVEMENT MARKING REMOVAL - WATER BLASTING" OUTSIDE THE PROJECT LIMITS
16. ALL MODIFIED URETHANE PAVEMENT MARKINGS USED FOR STAGING SHALL BE REMOVED VIA WATER BLASTING WITH VACUUM RECOVERY ON FINAL PAVEMENT SURFACES, AND VIA GRINDING ON EXISTING OR TEMPORARY PAVEMENT SURFACES THAT ARE TO BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL-GRINDING" OR "PAVEMENT MARKING REMOVAL-WATER BLASTING".
17. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
18. SIDEWALK CLOSURES SHALL FOLLOW IDOT HIGHWAY STANDARD 701801-06. PEDESTRIANS SHALL USE SIDE STREETS ON THE EAST SIDE OF GROSS POINT ROAD WHEN THERE ARE SIDEWALK CLOSURES ON GROSS POINT ROAD. THE ALTERNATE PED ROUTES WILL VARY DEPENDING ON THE LOCATIONS AND INSTRUCTIONS WILL BE PROVIDED TO RESIDENTS IN A CONSTRUCTION NEWSLETTER. THE VILLAGE OF SKOKIE AND RESIDENT ENGINEER WILL BE RESPONSIBLE FOR PREPARING AND DISTRIBUTING THE CONSTRUCTION NEWSLETTER TO THE RESIDENTS.
19. TEMPORARY ACCESS (WINTERIZE) PAY ITEMS/QUANTITIES AND SPECIAL PROVISION HAVE BEEN INCLUDED JUST IN CASE TEMPORARY ACCESS IS REQUIRED OVER THE WINTER MONTHS. FOR QUANTITIES IT WAS ASSUMED THAT APPROXIMATELY 25% OF THE DRIVEWAYS IN STAGE I WOULD REQUIRE WINTERIZING WHICH IS 731 SQ YD.

FILE NAME = Invalid expression'	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -			3520	08-00279-00-FP	COOK	160	38	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -			CONTRACT NO. 61H23					
						SCALE: NONE	SHEET 1 OF 11 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

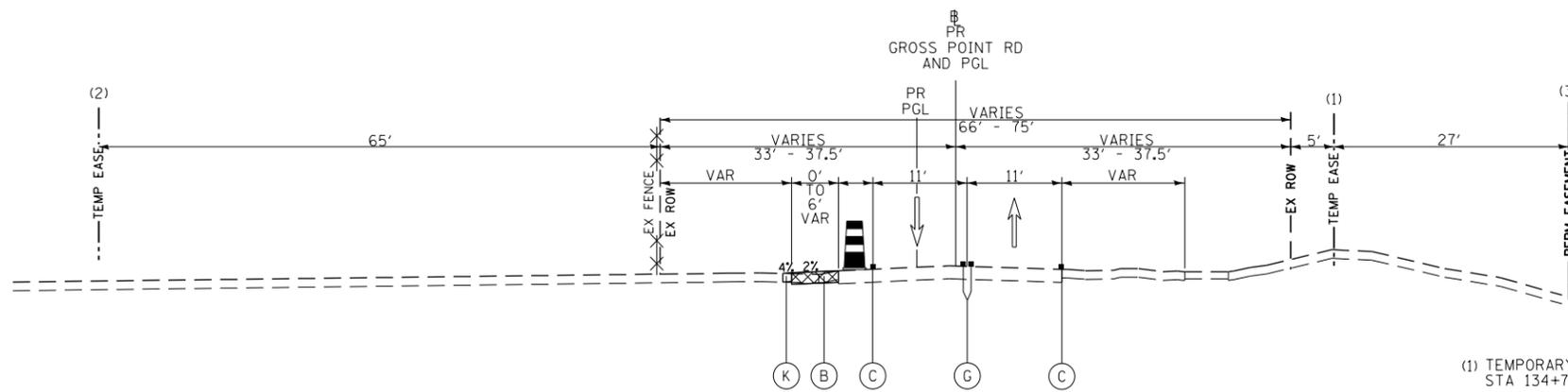


PRESTAGE TYPICAL SECTION
GROSS POINT ROAD
STATION 105+14.17 TO STATION 110+04.84



(1) TEMPORARY EASEMENT (LEFT)
STA 110+05.03 TO STA 111+04.73

PRESTAGE TYPICAL SECTION
GROSS POINT ROAD
STATION 110+04.84 TO STATION 111+22.92



(1) TEMPORARY EASEMENT (LEFT)
STA 134+70.90 TO STA 136+00.00

(2) TEMPORARY EASEMENT (RIGHT)
STA 130+24.91 TO STA 131+60.00

(3) PERMANENT EASEMENT (RIGHT)
STA. 122+01.78 TO STA. 122+08.78

PRESTAGE TYPICAL SECTION
GROSS POINT ROAD
STATION 128+22.95 TO STATION 139+29.54

PRE-STAGE I

1. MAINTAIN TWO-WAY TRAFFIC FLOW ON GROSS POINT ROAD AND OLD ORCHARD ROAD.
2. REMOVE EXISTING CURB AND GUTTER AND SHOULDER AND CONSTRUCT TEMPORARY PAVEMENT AND TEMPORARY GRADING ALONG THE LEFT SIDE OF THE EXISTING ROADWAY AS NOTED ON THE PLANS AND THESE TYPICAL SECTIONS.
3. INSTALL TEMPORARY TRAFFIC SIGNALS AT THE GROSS POINT ROAD AND OLD ORCHARD ROAD INTERSECTION.

LEGEND

- | | | |
|---|---|---|
| (A) TEMPORARY PAVEMENT CONSTRUCTED IN PRE STAGE | (F) TEMPORARY PAVEMENT MARKING - LINE 6" (2' DASH 6' SKIP, WHITE) | (K) TEMPORARY GRADING CONSTRUCTED IN PRESTAGE |
| (B) TEMPORARY PAVEMENT CONSTRUCTED IN CURRENT STAGE | (G) TEMPORARY PAVEMENT MARKING - 2 - 4" (DOUBLE YELLOW @ 11" C-C) | |
| (C) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE) | (H) TEMPORARY PAVEMENT MARKING - LINE 4" (10' DASH 30' SKIP, WHITE) | |
| (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | (I) EXISTING PAVEMENT MARKING | |
| (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SOLID WHITE) | (J) PINNING TEMPORARY CONCRETE BARRIER | |

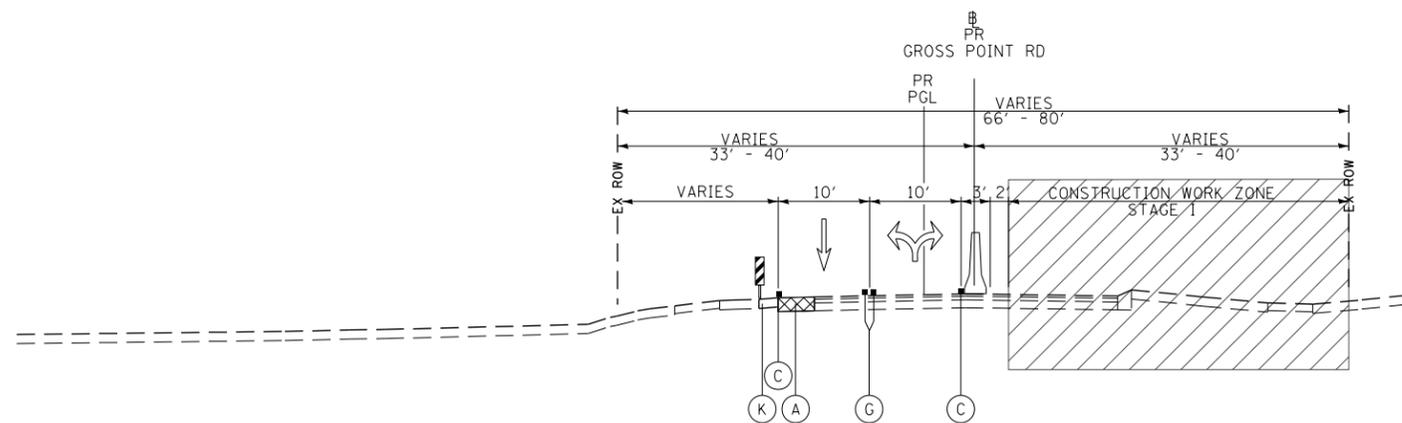
- | | | | |
|--|----------------------|--|----------------------------|
| | TEMPORARY PAVEMENT | | TYPE II BARRICADE OR DRUM |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | DIRECTION OF TRAFFIC | | VERTICAL PANEL |

FILE NAME = Invalid expression	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

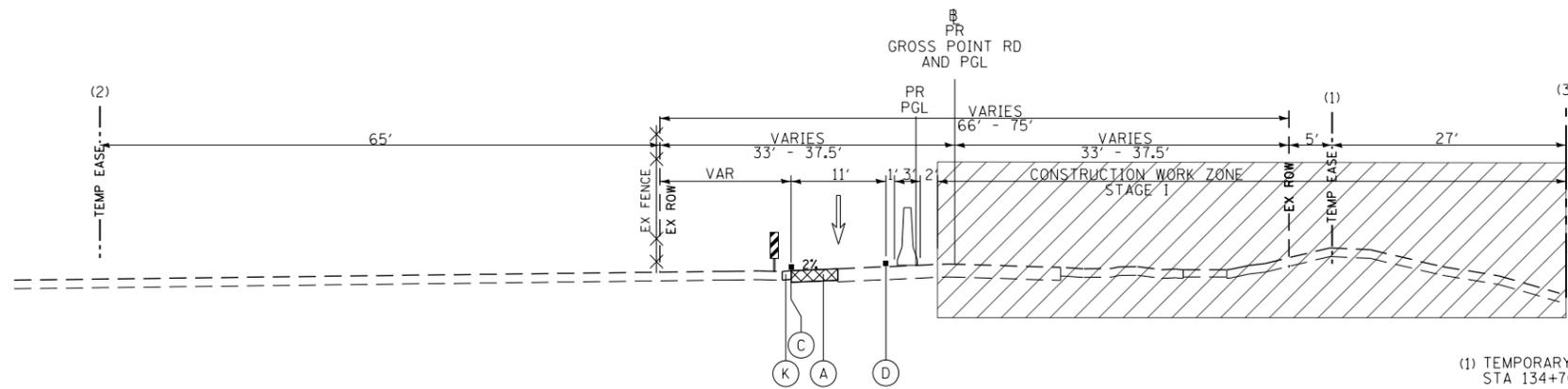
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUGGESTED MAINTENANCE OF TRAFFIC PRE-STAGE TYPICAL SECTIONS			
SCALE: NONE	SHEET 2 OF 11 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	39
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



STAGE I TYPICAL SECTION
GROSS POINT ROAD
STATION 105+14.17 TO STATION 110+34.70



STAGE I TYPICAL SECTION
GROSS POINT ROAD
STATION 110+34.70 TO STATION 139+29.69

- (1) TEMPORARY EASEMENT (LEFT)
STA 134+70.90 TO STA 136+00.00
- (2) TEMPORARY EASEMENT (RIGHT)
STA 130+24.91 TO STA 131+60.00
- (3) PR ROW (RIGHT)
STA. 122+01.78 TO STA. 122+08.78

STAGE I

1. USE STAGE I STAGING PLAN SHEETS (SEE SHEETS NO. 43 TO 44).
2. PROVIDE ONE-WAY TRAFFIC IN THE SOUTHBOUND DIRECTION ON GROSS POINT ROAD BETWEEN PAYNE STREET AND OLD ORCHARD ROAD AND MAINTAIN TWO-WAY TRAFFIC ON GROSS POINT ROAD FROM GOLF ROAD TO PAYNE STREET FOR ACCESS TO THE HOSPITAL.
3. SET UP DETOUR FOR NORTHBOUND GROSS POINT ROAD (SEE DETOUR PLANS SHEETS NO. 36 TO 37).
4. SET UP TRAFFIC STAGING FOR STAGE I.
5. REMOVE EXISTING PAVEMENT, CURB AND GUTTER, SHOULDER, DRIVEWAYS AND SIDEWALK ALONG THE EAST/NB SIDE OF GROSS POINT ROAD WITHIN THE STAGE I CONSTRUCTION WORK ZONE.
6. REMOVE THE PORTION OF STORM SEWER AND DRAINAGE STRUCTURES WITHIN THE STAGE I CONSTRUCTION WORK ZONE AND A PORTION OF THE EXISTING LONGITUDINAL 36" STORM SEWER SYSTEM ALONG THE EAST/NB SIDE OF GROSS POINT ROAD AS SHOWN ON THE DRAINAGE REMOVAL PLANS.
7. WITHIN THE STAGE I CONSTRUCTION WORK ZONE, CONSTRUCT ALL OF THE MAINLINE STORM SEWER AND THE LATERALS. CONSULT THE DRAINAGE PLANS AND EROSION AND SEDIMENT CONTROL PLANS.
8. CONSTRUCT THE EAST/NORTHBOUND THRU LANE, PORTION OF FLUSH MEDIAN, BIKE LANE, PARKING, OUTSIDE CURB AND GUTTER, AND SIDEWALK ALONG THE EAST/NORTHBOUND SIDE OF GROSS POINT ROAD WITHIN THE STAGE I CONSTRUCTION WORK ZONE.
9. CONSTRUCT ALL DRIVEWAYS ALONG THE EAST/NORTHBOUND SIDE OF GROSS POINT ROAD. DRIVEWAYS ARE TO REMAIN OPEN THROUGHOUT CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS. PCC DRIVEWAYS SHALL BE CONSTRUCTED ONE LANE AT A TIME WHILE PROVIDING TWO LANES FOR TRAFFIC. HMA DRIVEWAYS SHALL BE CONSTRUCTED ONE HALF AT A TIME WHILE UTILIZING TEMPORARY ACCESS FOR TRAFFIC.
10. COMPLETE LANDSCAPING ALONG THE EAST/NORTHBOUND SIDE OF GROSS POINT ROAD.

LEGEND

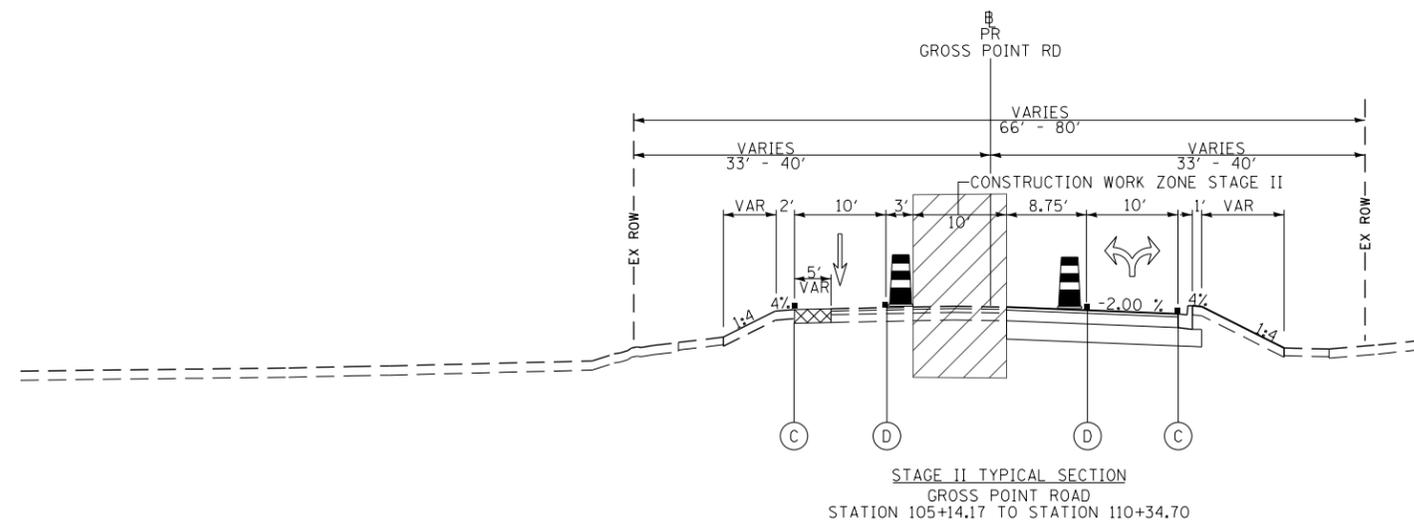
- | | | |
|---|---|---|
| (A) TEMPORARY PAVEMENT CONSTRUCTED IN PRE STAGE | (F) TEMPORARY PAVEMENT MARKING - LINE 6" (2' DASH 6' SKIP, WHITE) | (K) TEMPORARY GRADING CONSTRUCTED IN PRESTAGE |
| (B) TEMPORARY PAVEMENT CONSTRUCTED IN CURRENT STAGE | (G) TEMPORARY PAVEMENT MARKING - 2 - 4" (DOUBLE YELLOW @ 11" C-C) | |
| (C) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE) | (H) TEMPORARY PAVEMENT MARKING - LINE 4" (10' DASH 30' SKIP, WHITE) | |
| (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | (I) EXISTING PAVEMENT MARKING | |
| (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SOLID WHITE) | (J) PINNING TEMPORARY CONCRETE BARRIER | |

- | | | | |
|--|----------------------|--|----------------------------|
| | TEMPORARY PAVEMENT | | TYPE II BARRICADE OR DRUM |
| | WORK ZONE | | TEMPORARY CONCRETE BARRIER |
| | DIRECTION OF TRAFFIC | | VERTICAL PANEL |

FILE NAME = Invalid expression	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

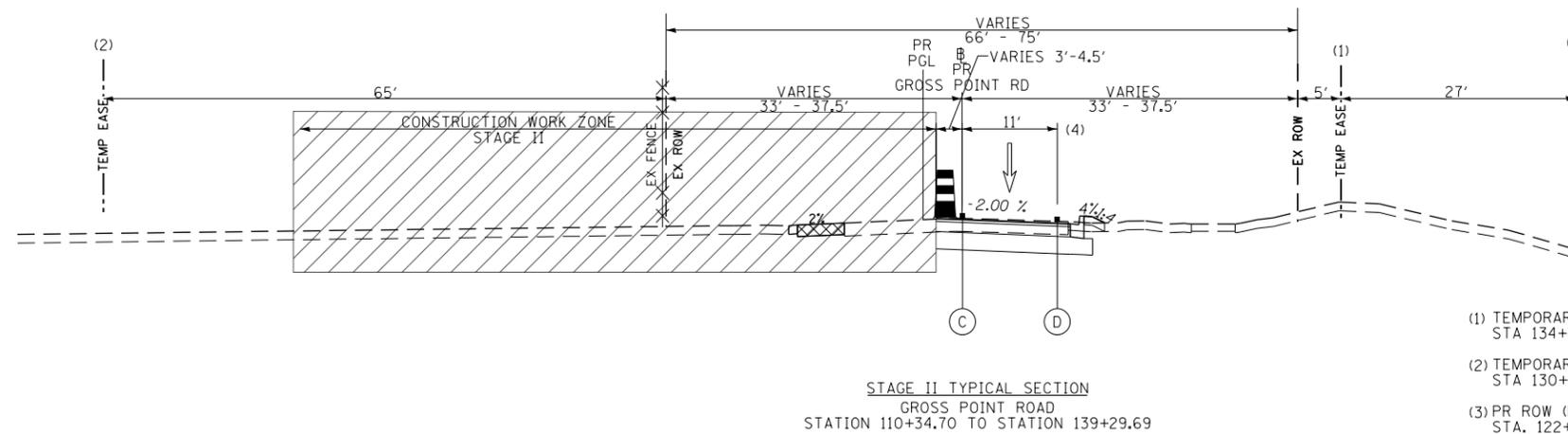
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUGGESTED MAINTENANCE OF TRAFFIC STAGE I TYPICAL SECTIONS			
F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160
SHEET 3 OF 11 SHEETS		STA. TO STA.	CONTRACT NO. 61H23
		ILLINOIS	FED. AID PROJECT



STAGE II

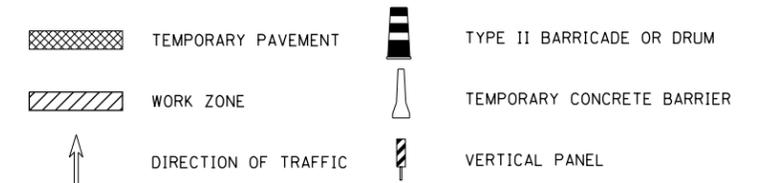
1. USE STAGE II STAGING PLAN SHEETS (SEE SHEETS NO. 45 TO 46).
2. CONTINUE ONE-WAY TRAFFIC IN THE SOUTHBOUND DIRECTION ON GROSS POINT ROAD BETWEEN PAYNE STREET AND OLD ORCHARD ROAD AND CONTINUE TWO-WAY TRAFFIC ON GROSS POINT ROAD FROM GOLF ROAD TO PAYNE STREET FOR ACCESS TO THE HOSPITAL.
3. CONTINUE DETOUR FOR NORTHBOUND GROSS POINT ROAD (SEE DETOUR PLANS SHEETS NO. 36 TO 37).
4. SET UP TRAFFIC STAGING FOR STAGE II.
5. REMOVE EXISTING PAVEMENT IN THE NORTHBOUND LEFT TURN LANE FOR GROSS POINT ROAD AT PAYNE STREET WITHIN THE STAGE II CONSTRUCTION WORK ZONE AND CONSTRUCT THE NORTHBOUND LEFT TURN LANE.
6. FROM PAYNE STREET TO THE NORTH REMOVE EXISTING PAVEMENT, CURB AND GUTTER, SHOULDER, AND DRIVEWAYS ALONG THE WEST/SB SIDE OF GROSS POINT ROAD WITHIN THE STAGE II CONSTRUCTION WORK ZONE.
7. REMOVE THE PORTION OF STORM SEWER AND DRAINAGE STRUCTURES WITHIN THE STAGE II CONSTRUCTION WORK ZONE OF GROSS POINT ROAD AS SHOWN ON THE DRAINAGE REMOVAL PLANS.
8. WITHIN THE STAGE II CONSTRUCTION WORK ZONE, CONSTRUCT ALL OF THE STORM SEWER LATERALS. CONSULT THE DRAINAGE PLANS AND EROSION AND SEDIMENT CONTROL PLANS.
9. CONSTRUCT THE WEST/SOUTHBOUND THRU LANE, PORTION OF FLUSH MEDIAN, BIKE LANE, OUTSIDE CURB AND GUTTER, AND SIDEWALK ALONG THE WEST/SOUTHBOUND SIDE OF GROSS POINT ROAD WITHIN THE STAGE II CONSTRUCTION WORK ZONE.
10. CONSTRUCT ALL DRIVEWAYS ALONG THE WEST/SOUTHBOUND SIDE OF GROSS POINT ROAD. DRIVEWAYS ARE TO REMAIN OPEN THROUGHOUT CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS. PCC DRIVEWAYS SHALL BE CONSTRUCTED ONE LANE AT A TIME WHILE PROVIDING TWO LANES FOR TRAFFIC. HMA DRIVEWAYS SHALL BE CONSTRUCTED ONE HALF AT A TIME WHILE UTILIZING TEMPORARY ACCESS FOR TRAFFIC.
11. COMPLETE LANDSCAPING ALONG THE WEST/SOUTHBOUND SIDE OF GROSS POINT ROAD.



- (1) TEMPORARY EASEMENT (LEFT) STA 134+70.90 TO STA 136+00.00
- (2) TEMPORARY EASEMENT (RIGHT) STA 130+24.91 TO STA 131+60.00
- (3) PR ROW (RIGHT) STA. 122+01.78 TO STA. 122+08.78
- (4) SECOND 15' WIDE LANE WITH 4" WHITE SKIP DASH BETWEEN LANES STA. 137+57.6 TO 139+26.69

LEGEND

- | | | |
|---|---|---|
| (A) TEMPORARY PAVEMENT CONSTRUCTED IN PRE STAGE | (F) TEMPORARY PAVEMENT MARKING - LINE 6" (2' DASH 6' SKIP, WHITE) | (K) TEMPORARY GRADING CONSTRUCTED IN PRESTAGE |
| (B) TEMPORARY PAVEMENT CONSTRUCTED IN CURRENT STAGE | (G) TEMPORARY PAVEMENT MARKING - 2 - 4" (DOUBLE YELLOW @ 11" C-C) | |
| (C) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE) | (H) TEMPORARY PAVEMENT MARKING - LINE 4" (10' DASH 30' SKIP, WHITE) | |
| (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | (I) EXISTING PAVEMENT MARKING | |
| (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SOLID WHITE) | (J) PINNING TEMPORARY CONCRETE BARRIER | |

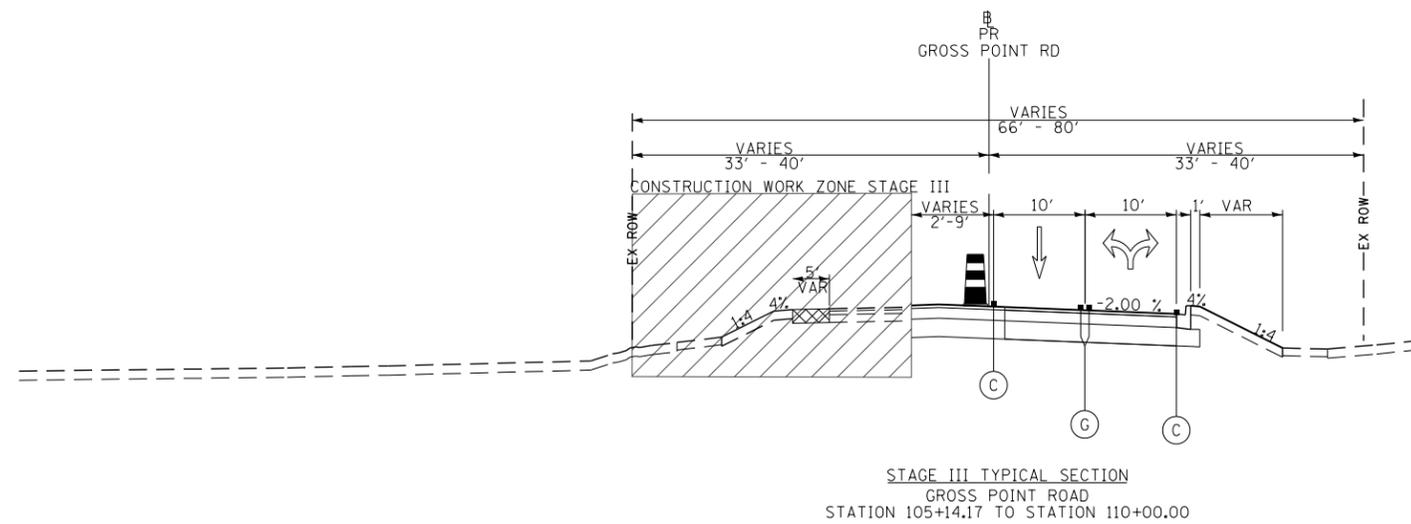


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Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUGGESTED MAINTENANCE OF TRAFFIC STAGE II TYPICAL SECTIONS	
SHEET 4 OF 11 SHEETS	STA. TO STA.

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 41
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



STAGE III

1. USE STAGE III STAGING PLAN SHEETS (SEE SHEETS NO. 47 TO 48).
2. CONTINUE ONE-WAY TRAFFIC IN THE SOUTHBOUND DIRECTION ON GROSS POINT ROAD BETWEEN PAYNE STREET AND OLD ORCHARD ROAD AND CONTINUE TWO-WAY TRAFFIC ON GROSS POINT ROAD FROM GOLF ROAD TO PAYNE STREET FOR ACCESS TO THE HOSPITAL.
3. CONTINUE DETOUR FOR NORTHBOUND GROSS POINT ROAD (SEE DETOUR PLANS SHEETS NO. 36 TO 37).
4. SET UP TRAFFIC STAGING FOR STAGE III.
5. REMOVE EXISTING PAVEMENT IN THE SOUTHBOUND THRU LANE FROM THE SOUTH PROJECT LIMITS TO JUST NORTH OF PAYNE STREET WITHIN THE STAGE III CONSTRUCTION WORK ZONE.
6. REMOVE EXISTING PAVEMENT IN THE REMAINING SECTION OF THE SOUTHBOUND THRU LANE AT THE NORTH RECONSTRUCTION LIMITS WITHIN THE STAGE III CONSTRUCTION WORK ZONE.
7. REMOVE THE PORTION OF STORM SEWER AND DRAINAGE STRUCTURES WITHIN THE STAGE III CONSTRUCTION WORK ZONE OF GROSS POINT ROAD AS SHOWN ON THE DRAINAGE REMOVAL PLANS.
8. WITHIN THE STAGE III CONSTRUCTION WORK ZONE, CONSTRUCT ALL OF THE STORM SEWER LATERALS. CONSULT THE DRAINAGE PLANS AND EROSION AND SEDIMENT CONTROL PLANS.
9. CONSTRUCT THE REMAINING PAVEMENT AND CURB AND GUTTER WITHIN THE STAGE III CONSTRUCTION WORK ZONE.
10. COMPLETE LANDSCAPING ALONG THE WEST/SOUTHBOUND SIDE OF GROSS POINT ROAD FROM THE SOUTH PROJECT LIMITS TO PAYNE STREET.
11. INSTALL PROPOSED TRAFFIC SIGNALS AND REMOVE TEMPORARY SIGNALS AT GROSS POINT ROAD AND OLD ORCHARD ROAD INTERSECTION.
12. MILL, PATCH, AND RESURFACE OLD ORCHARD ROAD AND GROSS POINT ROAD NORTH OF OLD ORCHARD ROAD.

LEGEND

- | | | |
|---|---|---|
| (A) TEMPORARY PAVEMENT CONSTRUCTED IN PRE STAGE | (F) TEMPORARY PAVEMENT MARKING - LINE 6" (2' DASH 6' SKIP, WHITE) | (K) TEMPORARY GRADING CONSTRUCTED IN PRESTAGE |
| (B) TEMPORARY PAVEMENT CONSTRUCTED IN CURRENT STAGE | (G) TEMPORARY PAVEMENT MARKING - 2 - 4" (DOUBLE YELLOW @ 11" C-C) | |
| (C) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE) | (H) TEMPORARY PAVEMENT MARKING - LINE 4" (10' DASH 30' SKIP, WHITE) | |
| (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | (I) EXISTING PAVEMENT MARKING | |
| (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SOLID WHITE) | (J) PINNING TEMPORARY CONCRETE BARRIER | |

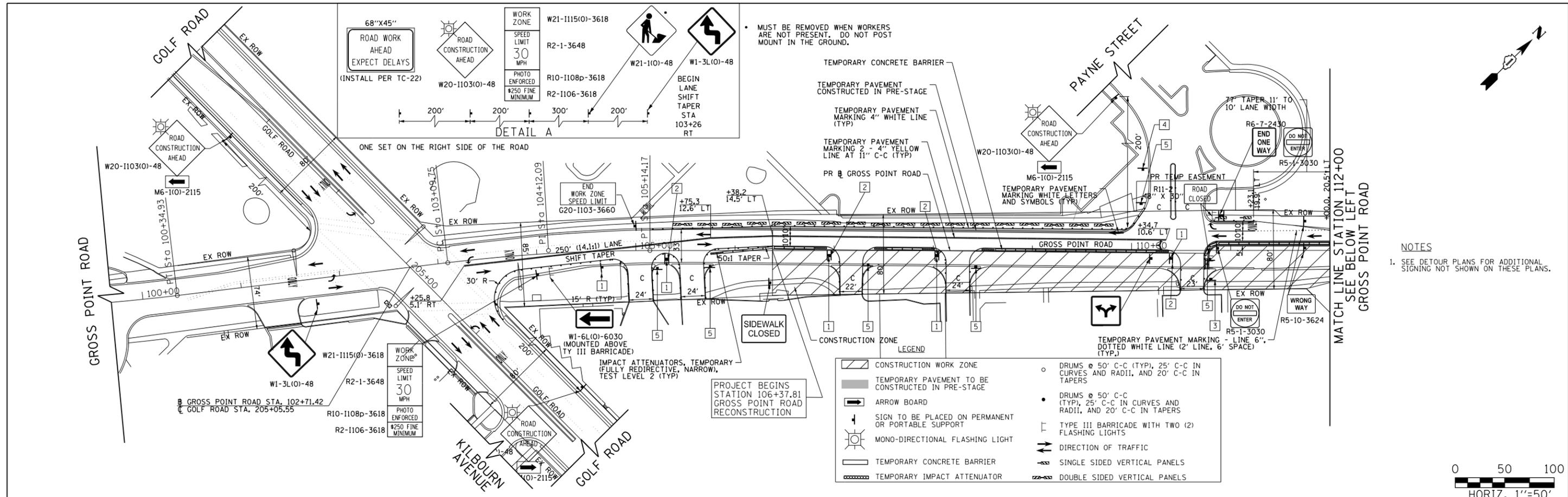
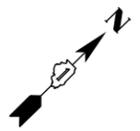
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|---|----------------------|---|----------------------------|
|  | TEMPORARY PAVEMENT |  | TYPE II BARRICADE OR DRUM |
|  | WORK ZONE |  | TEMPORARY CONCRETE BARRIER |
|  | DIRECTION OF TRAFFIC |  | VERTICAL PANEL |

FILE NAME = Invalid expression*	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

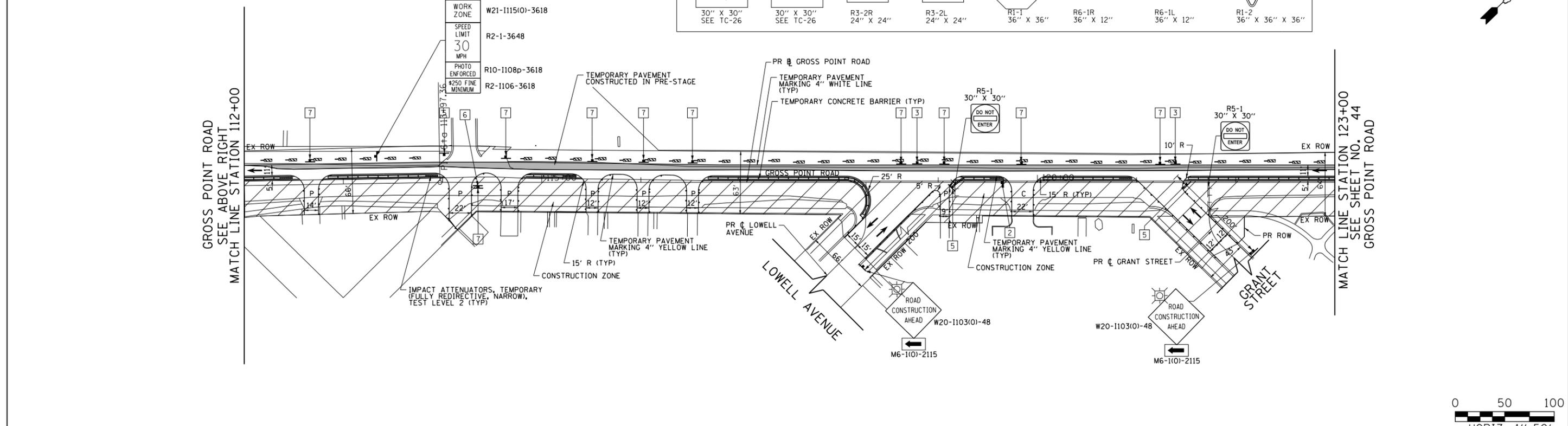
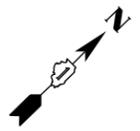
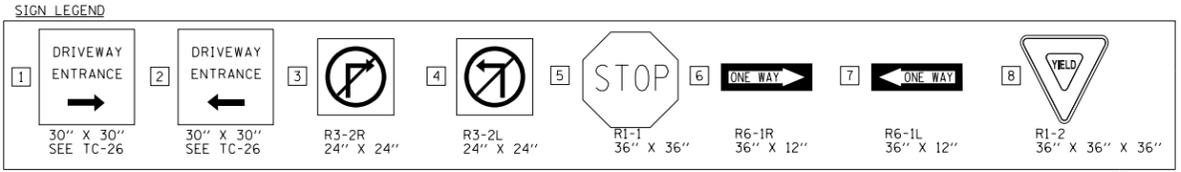
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUGGESTED MAINTENANCE OF TRAFFIC STAGE III TYPICAL SECTIONS			
SHEET 5 OF 11 SHEETS	STA.	TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H23	

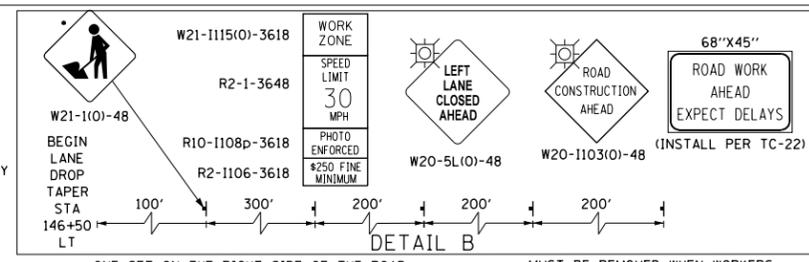
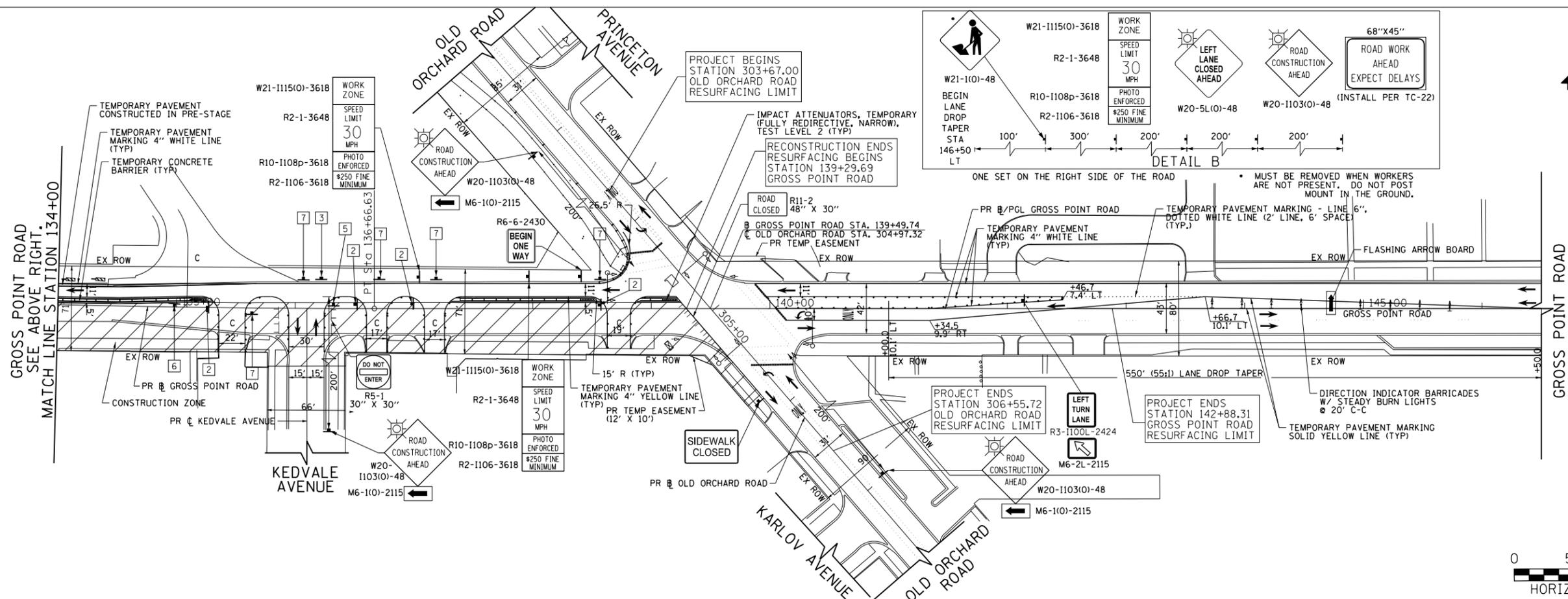
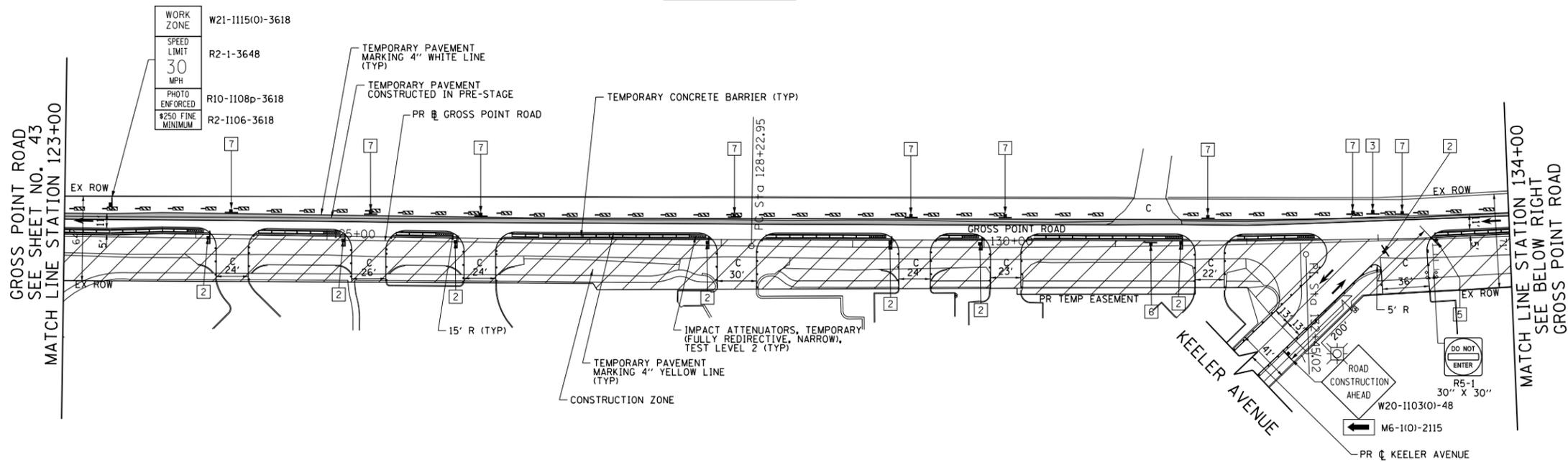


NOTES
 1. SEE DETOUR PLANS FOR ADDITIONAL SIGNING NOT SHOWN ON THESE PLANS.



FILE NAME = Invalid expression	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUGGESTED MAINTENANCE OF TRAFFIC STAGE I			F.A.U. R.T.E. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 43
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50'	SHEET 6 OF 11 SHEETS	STA. 106+37.81 TO STA. 123+00.00	CONTRACT NO. 61H23				
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		ILLINOIS FED. AID PROJECT							

FOR NOTES AND LEGEND
SEE SHEET NO. 43



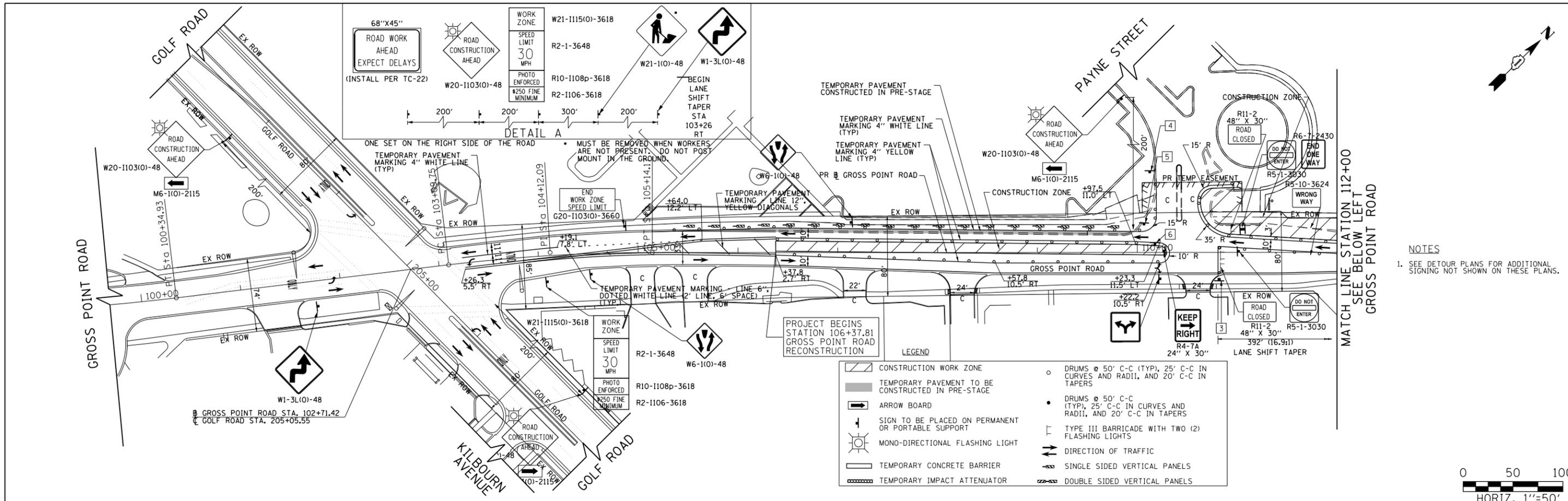
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	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

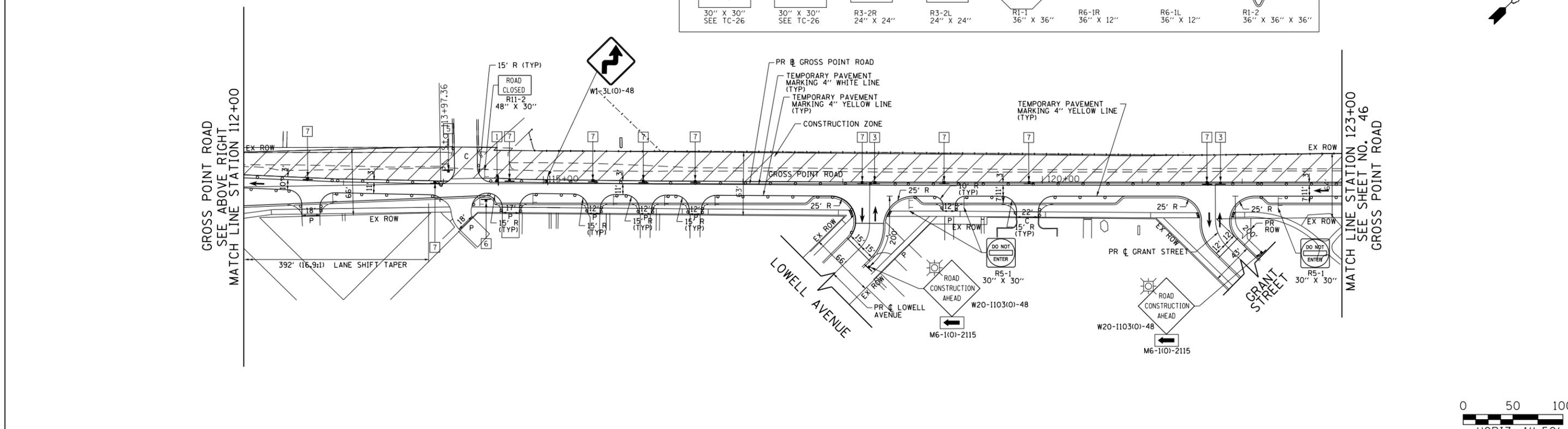
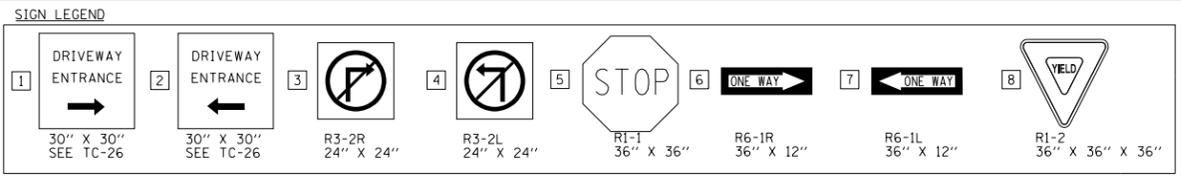
**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
SUGGESTED MAINTENANCE OF TRAFFIC STAGE I**

SCALE: 1"=50' SHEET 7 OF 11 SHEETS STA. 123+00.00 TO STA. 145+20.00

F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	44
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

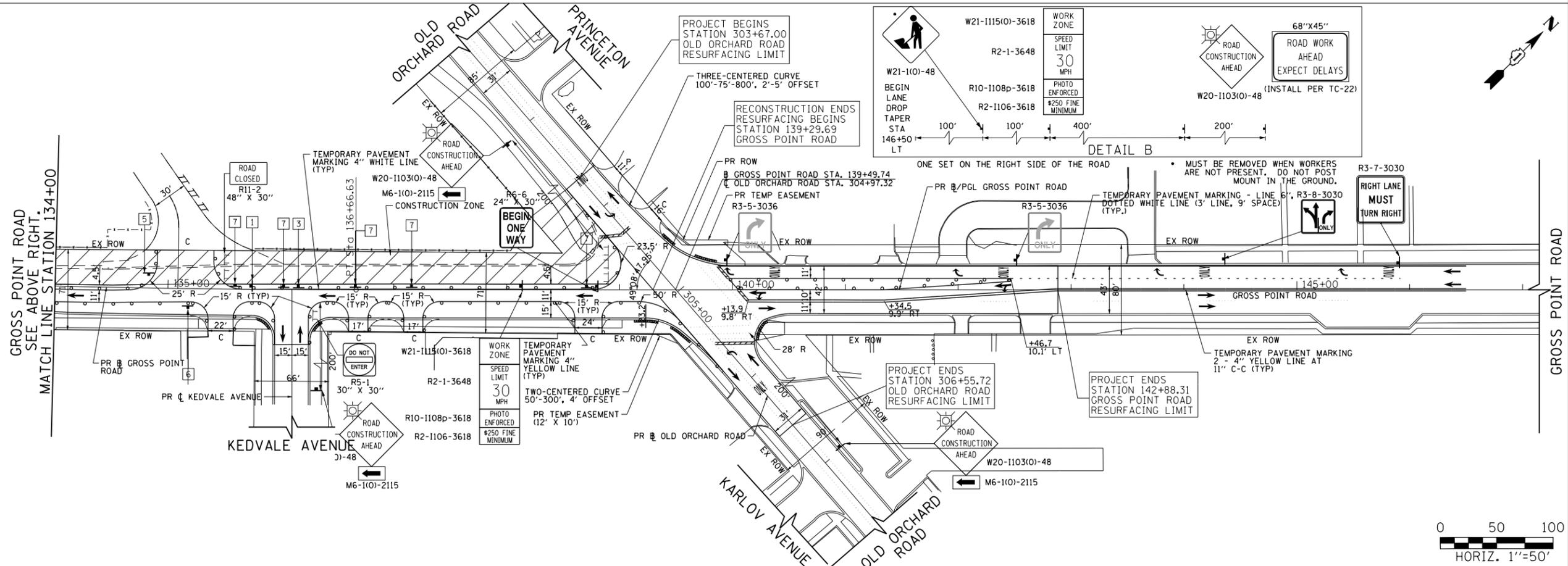
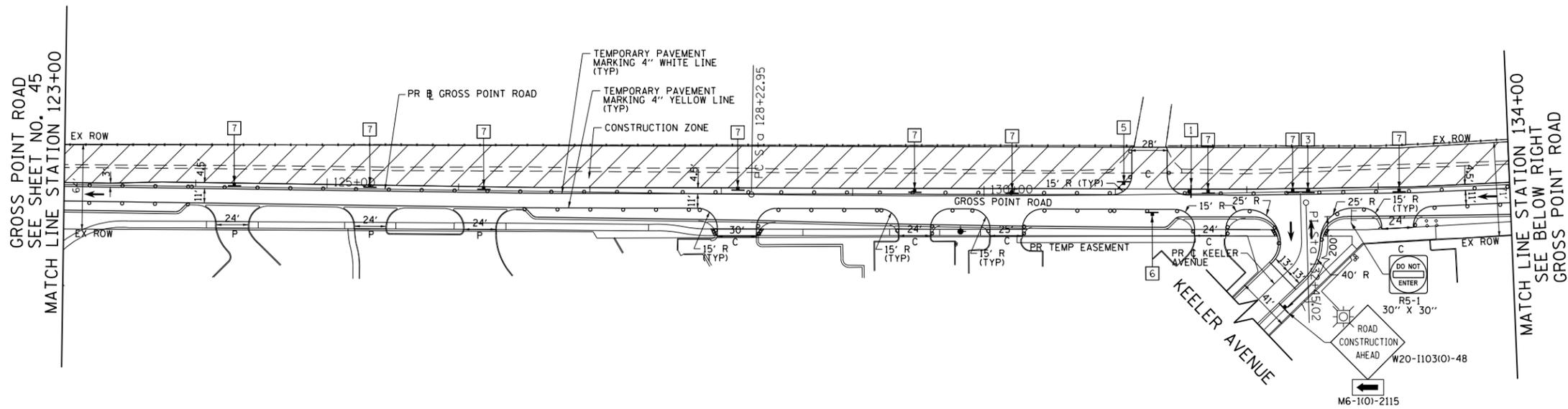


NOTES
 1. SEE DETOUR PLANS FOR ADDITIONAL SIGNING NOT SHOWN ON THESE PLANS.



FILE NAME = Invalid expression	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUGGESTED MAINTENANCE OF TRAFFIC STAGE II	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -			3520	08-00279-00-FP	COOK	160	45	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -			CONTRACT NO. 61H23					
						ILLINOIS FED. AID PROJECT					

FOR NOTES AND LEGEND
SEE SHEET NO 45



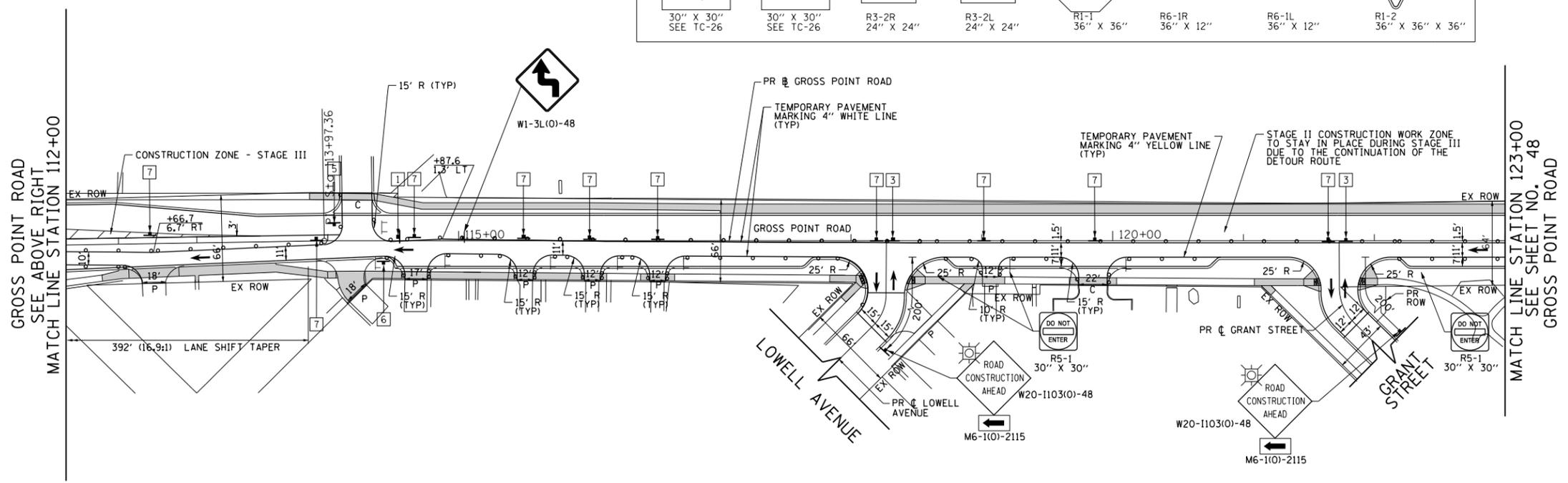
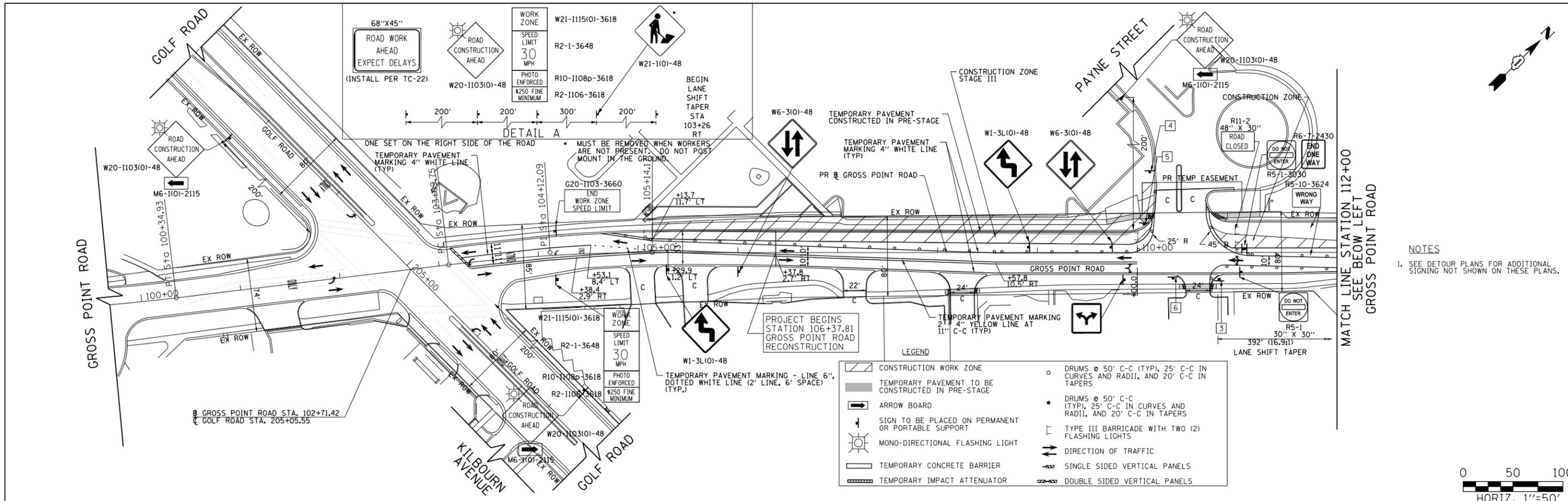
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
SUGGESTED MAINTENANCE OF TRAFFIC STAGE II**

SCALE: 1"=50' SHEET 9 OF 11 SHEETS STA. 123+00.00 TO STA. 145+20.00

F.A.U. R.T.E. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 46
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

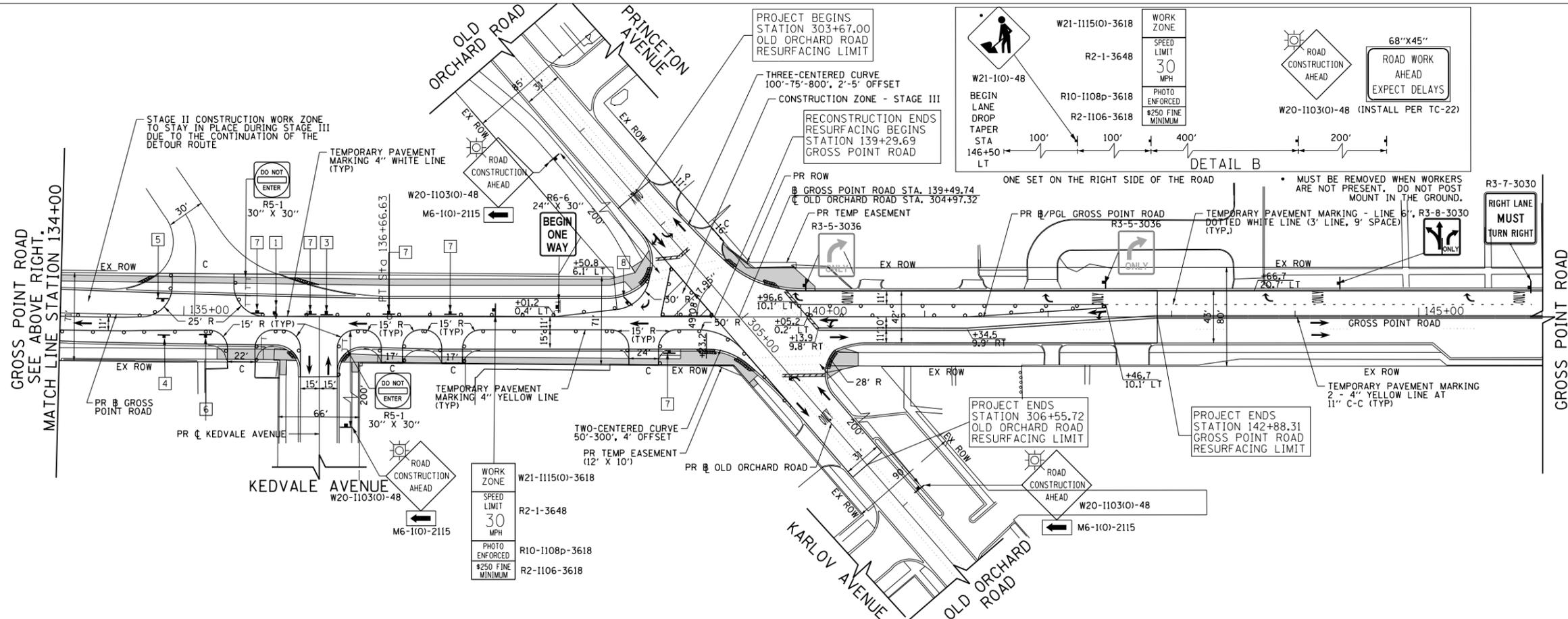
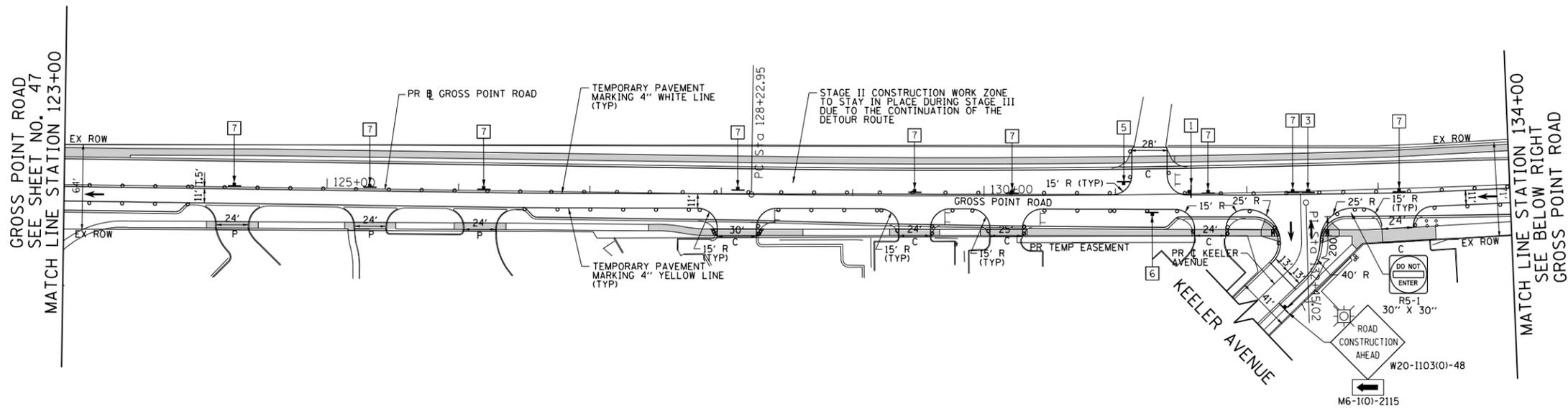


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD SUGGESTED MAINTENANCE OF TRAFFIC STAGE III	
SCALE: 1"=50'	SHEET 10 OF 11 SHEETS STA. 106+37.81 TO STA. 123+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	47
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

FOR NOTES AND LEGEND
SEE SHEET NO 47



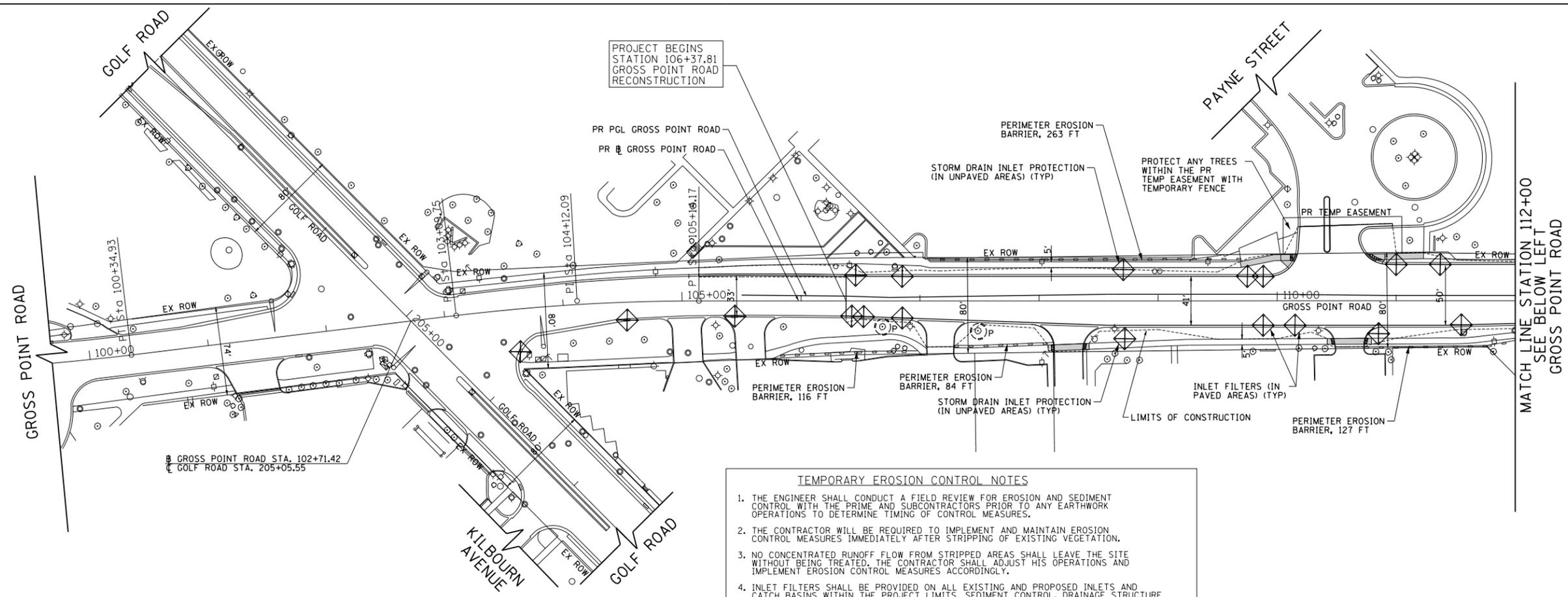
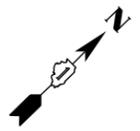
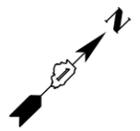
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Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

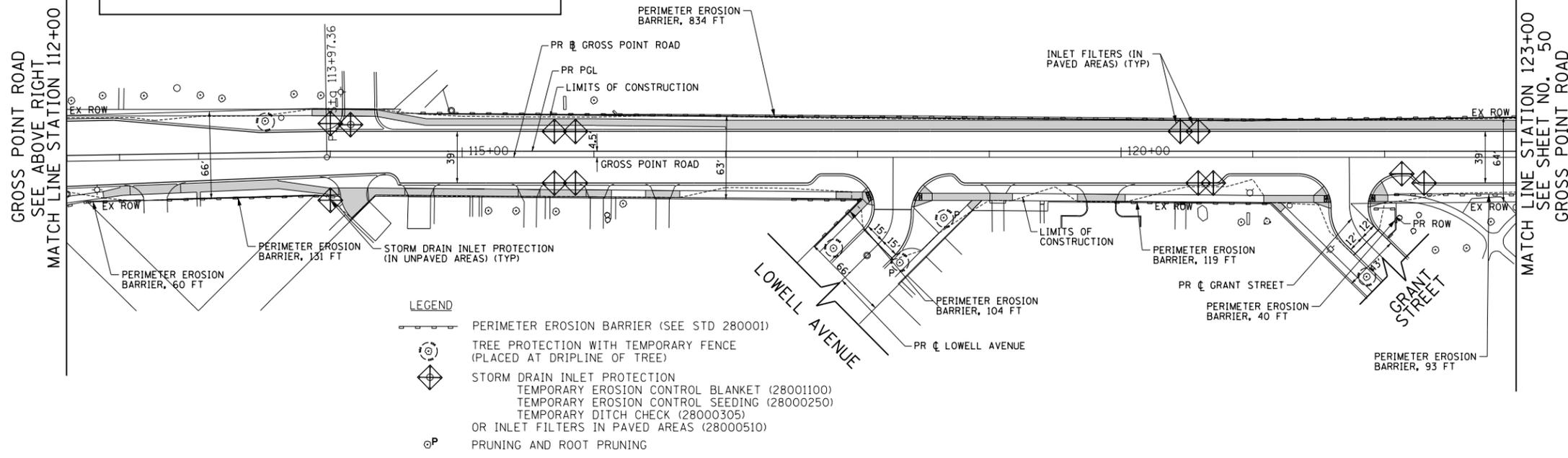
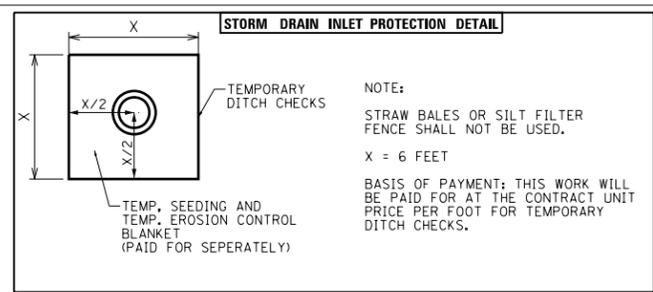
**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
SUGGESTED MAINTENANCE OF TRAFFIC STAGE III**

SCALE: 1"=50' SHEET 11 OF 11 SHEETS STA. 123+00.00 TO STA. 145+20.00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	48
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

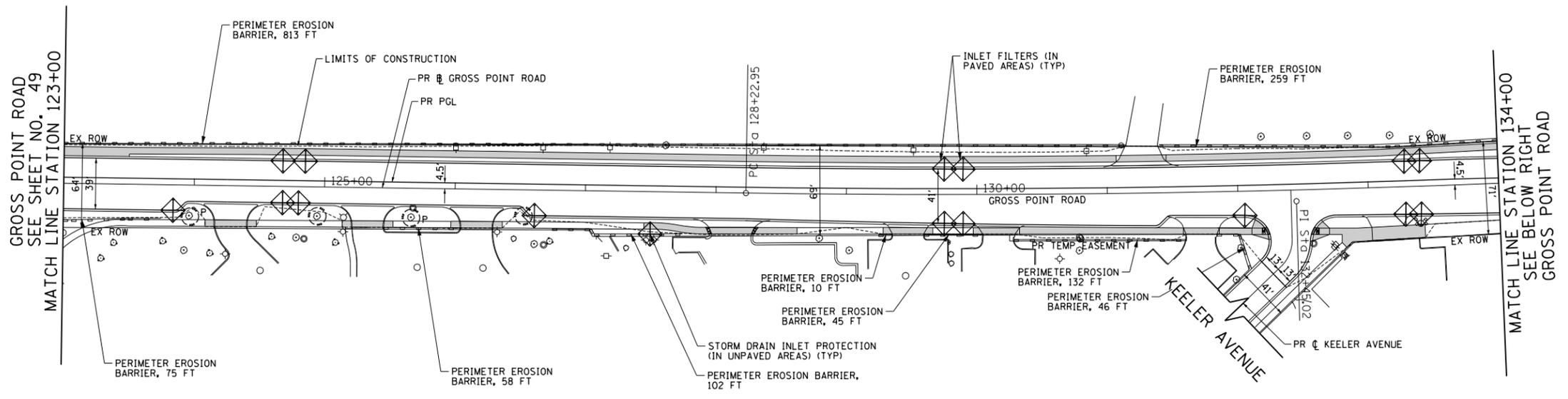


- TEMPORARY EROSION CONTROL NOTES**
1. THE ENGINEER SHALL CONDUCT A FIELD REVIEW FOR EROSION AND SEDIMENT CONTROL WITH THE PRIME AND SUBCONTRACTORS PRIOR TO ANY EARTHWORK OPERATIONS TO DETERMINE TIMING OF CONTROL MEASURES.
 2. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER STRIPPING OF EXISTING VEGETATION.
 3. NO CONCENTRATED RUNOFF FLOW FROM STRIPPED AREAS SHALL LEAVE THE SITE WITHOUT BEING TREATED. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT EROSION CONTROL MEASURES ACCORDINGLY.
 4. INLET FILTERS SHALL BE PROVIDED ON ALL EXISTING AND PROPOSED INLETS AND CATCH BASINS WITHIN THE PROJECT LIMITS. SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING WILL BE REQUIRED DURING THE CONSTRUCTION PERIOD AS DETERMINED BY THE ENGINEER.
 5. EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AND ENGINEER AT LEAST ONCE EVERY SEVEN DAYS WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2" OF PRECIPITATION OR EQUIVALENT SNOWFALL.
 6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 06-60.
 7. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL, BUT NO MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED IN AN AREA WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.
 8. THE CONTRACTOR SHALL APPLY TEMPORARY EROSION CONTROL SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN THE CONTRACT LIMITS EACH WEEK, REGARDLESS OF WEATHER CONDITIONS OR PROGRESS OF THE WORK, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ERODIBLE EMBANKMENT AND EXCAVATION AREAS WHERE WORK IS IN PROGRESS SHALL BE INCLUDED ON THE AREAS TO BE SEEDDED.

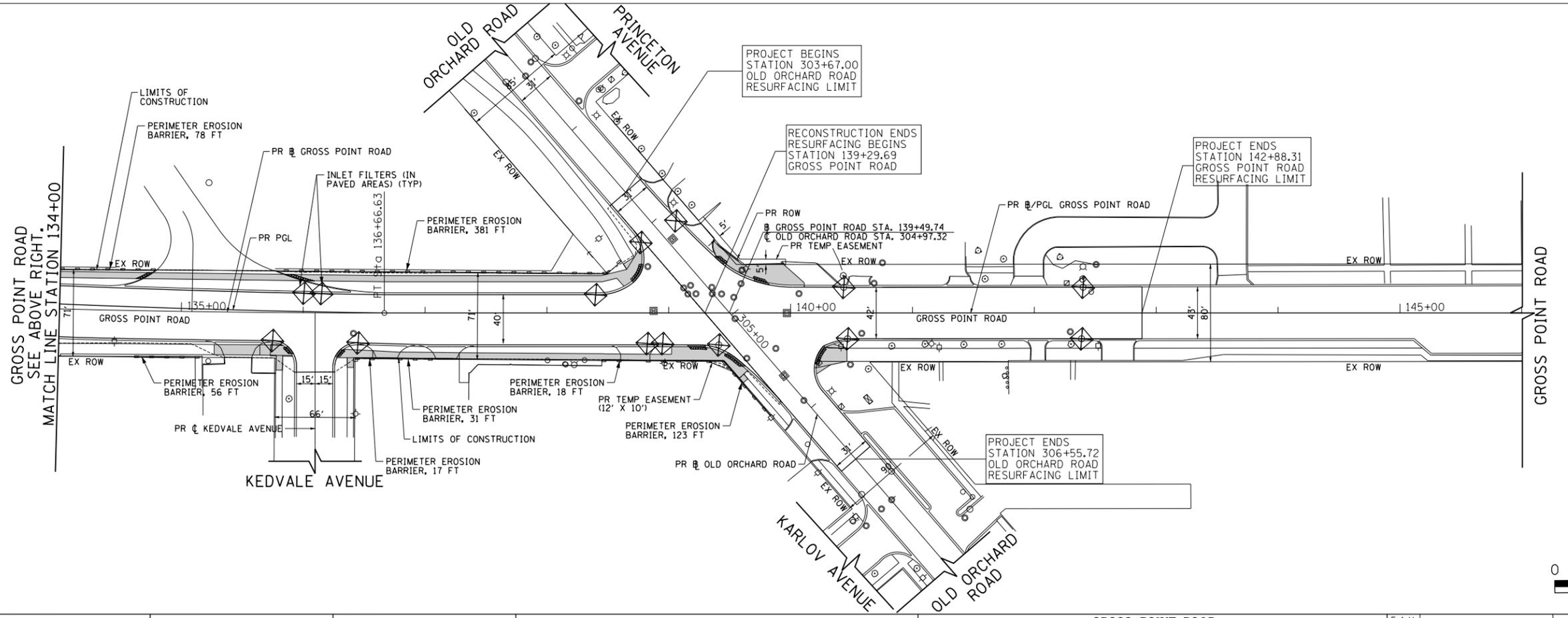


- LEGEND**
- PERIMETER EROSION BARRIER (SEE STD 280001)
 - TREE PROTECTION WITH TEMPORARY FENCE (PLACED AT DRIPLINE OF TREE)
 - STORM DRAIN INLET PROTECTION
 - TEMPORARY EROSION CONTROL BLANKET (28001100)
 - TEMPORARY EROSION CONTROL SEEDING (28000250)
 - TEMPORARY DITCH CHECK (28000305)
 - OR INLET FILTERS IN PAVED AREAS (28000510)
 - PRUNING AND ROOT PRUNING

FILE NAME = Invalid expression	USER NAME = CEC.com	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD EROSION AND SEDIMENT CONTROL PLAN	F.A.U. R.T.E. = 3520	SECTION = 08-00279-00-FP	COUNTY = COOK	TOTAL SHEETS = 160	SHEET NO. = 49		
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -			SCALE: 1"=50'	SHEET 1 OF 2 SHEETS	STA. 106+37.81	TO STA. 123+00.00	CONTRACT NO. 61H23		
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -			ILLINOIS FED. AID PROJECT						



FOR NOTES, DETAIL
AND LEGEND
SEE SHEET NO. 49



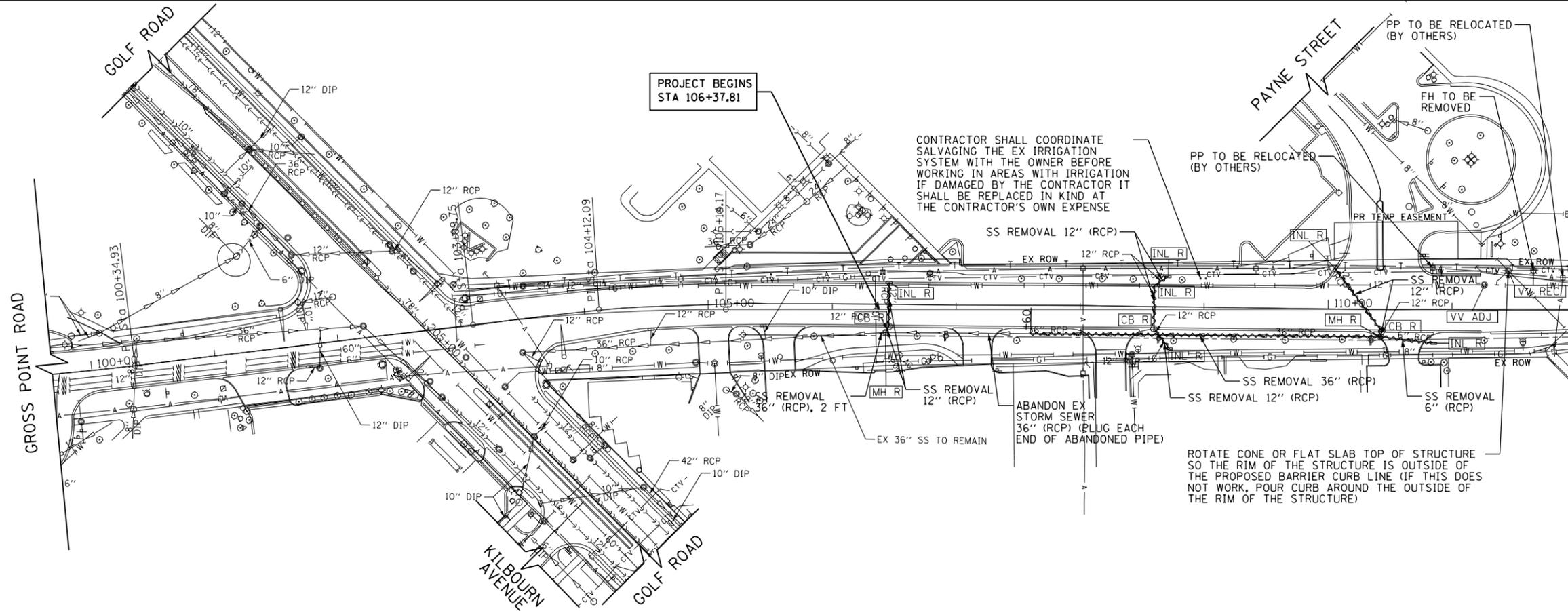
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Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
EROSION AND SEDIMENT CONTROL PLAN**

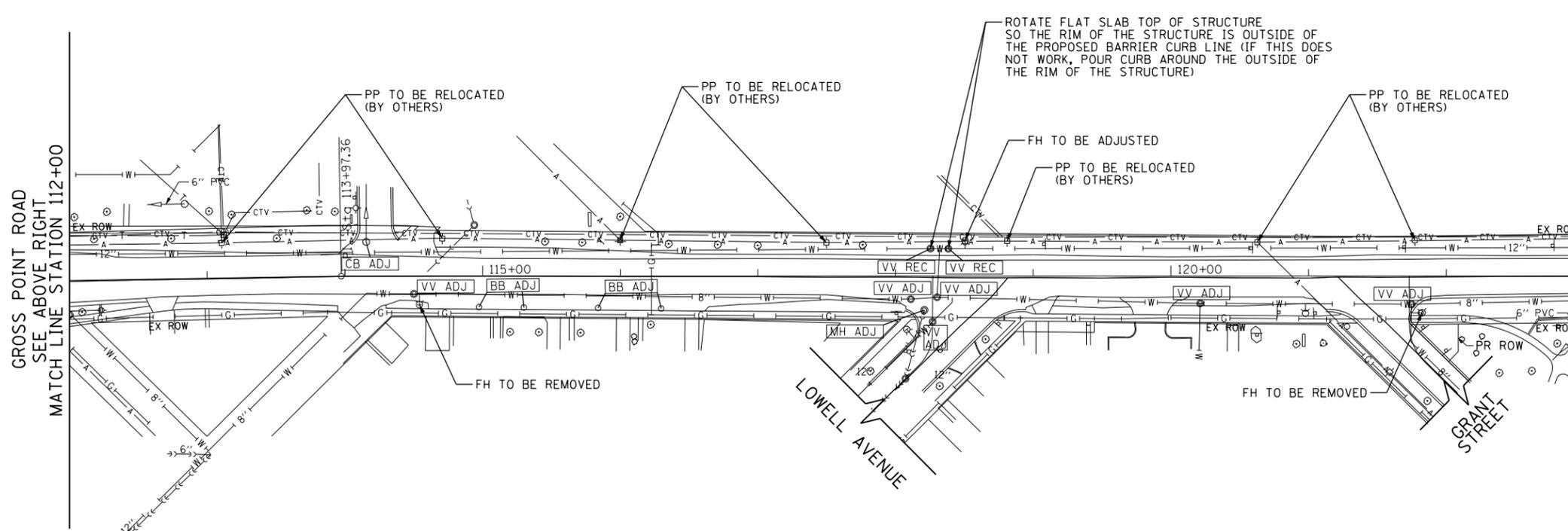
SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 123+00.00 TO STA. 145+20.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	50
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



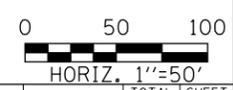
MATCH LINE STATION 112+00
SEE BELOW LEFT
CROSS POINT ROAD

- LEGEND**
- ADJ STRUCTURE TO BE ADJUSTED
 - TIF, CL NEW TYPE I FRAME, CLOSED LID
 - R STRUCTURE TO BE REMOVED
 - REC STRUCTURE TO BE RECONSTRUCTED
 - STORM SEWER REMOVAL
 - ADJ (SP) FRAMES AND LIDS TO BE ADJUSTED, SPECIAL



MATCH LINE STATION 123+00
SEE SHEET NO. 52
CROSS POINT ROAD

- LEGEND**
- ADJ STRUCTURE TO BE ADJUSTED
 - TIF, CL NEW TYPE I FRAME, CLOSED LID
 - R STRUCTURE TO BE REMOVED
 - REC STRUCTURE TO BE RECONSTRUCTED
 - STORM SEWER REMOVAL
 - ADJ (SP) FRAMES AND LIDS TO BE ADJUSTED, SPECIAL



FILE NAME = Invalid expression	USER NAME = CECComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
DRAINAGE REMOVAL PLAN**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 106+37.81 TO STA. 123+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	51
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

STRUCTURE NUMBER (S)	FRAME AND GRATE/LID STATION	FRAME AND GRATE/LID OFFSET	CENTER OF STRUCTURE STATION	CENTER OF STRUCTURE OFFSET	STRUCTURE TYPE	RIM ELEV.	STORM SEWER INVERT							PAY ITEM NUMBER	
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST		NORTHWEST
2-1	114+00.00	1.4' LT	114+00.00	1.6' RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.75	634.32	628.93	634.27			628.93			60224459
2-2	115+70.00	19.5' RT	115+70.00	19.5' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	636.85		633.35							60237460
2-3	115+70.00	19.5' LT	115+70.00	19.5' LT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	637.03		633.53							60237460
2-4	115+86.00	19.5' RT	115+86.00	20.5' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	636.84	633.29					633.29			60201330
2-5	115+86.00	19.5' LT	115+86.00	20.0' LT	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	637.02		633.36				633.46			60240327
2-6	116+00.00	1.0' RT	116+00.00	4.5' RT	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.21		628.99			633.21	628.99		633.20	60224469
2-7	116+00.00	22.6' LT	116+00.00	23.6' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.44				633.31		633.31			60200205
2-8	120+10.00	6.5' RT	120+10.00	10.0' RT	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	636.90	632.79	629.11	632.68			629.11			60224469
2-9	120+10.00	25.7' LT	120+10.00	24.7' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	636.69		632.94			632.94				60200205
2-10	120+15.00	24.6' RT	120+15.00	25.6' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.25		632.73					632.73		60200205
2-11	120+45.00	19.5' LT	120+45.00	20.0' LT	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	636.76		633.20				633.10			60240327
2-12	120+58.00	19.5' RT	120+58.00	20.0' RT	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	636.57		633.03				632.93			60240327
2-13	120+58.00	19.5' LT	120+58.00	19.5' LT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	636.75						633.25			60237460
2-14	120+70.00	19.5' RT	120+70.00	19.5' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	636.58						633.08			60237460
2-15	122+13.00	12.5' RT	122+13.00	12.5' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	637.24		633.74							60237460
2-16	122+30.00	19.5' RT	122+30.00	20.0' RT	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	637.18		633.56				633.66			60240327
2-17	122+40.00	26.1' RT	122+40.00	25.1' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	636.41						633.52		633.52	60200205
2-18	122+40.00	6.5' RT	122+40.00	9.5' RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.48		629.17		633.47		629.17			60224459
2-19	114+00.00	25.5' LT	114+00.00	25.5' LT	CATCH BASINS, TYPE C, TYPE 8 GRATE	637.05					634.55				60207605
2-20	114+00.00	32.5' RT	114+00.00	32.5' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	636.37							634.40		60207605

PIPE NUMBER (P)	STRUCTURE (S)		DESCRIPTION	CLASS	TYPE	SIZE (INCH)	LENGTH (FT)	SLOPE (%)	TBF (CY)	PAY ITEM NUMBER
	FROM	TO								
2-1	2-6	2-1	STORM SEWERS (WM REQ)	0	0	48	192	0.03%	206	Z0056626
2-2	2-2	2-4	STORM SEWERS (WM REQ)	0	0	12	13	0.50%	2	Z0056608
2-3	2-4	2-6	STORM SEWERS (WM REQ)	0	0	12	15	0.50%	3	Z0056608
2-4	2-3	2-5	STORM SEWERS (WM REQ)	0	0	12	14	0.50%	2	Z0056608
2-5	2-5	2-7	STORM SEWERS (WM REQ)	0	0	12	11	0.50%	2	Z0056608
2-6	2-7	2-6	STORM SEWERS, RG	A	1	12	22	0.50%	4	550A2320
2-7	2-8	2-6	STORM SEWERS (WM REQ)	0	0	48	401	0.03%	369	Z0056626
2-8	21-3	2-11	STORM SEWERS (WM REQ)	0	0	12	11	0.50%	2	Z0056608
2-9	2-11	2-9	STORM SEWERS (WM REQ)	0	0	12	32	0.50%	5	Z0056608
2-10	2-9	2-8	STORM SEWERS, RG	A	1	12	29	0.50%	5	550A2320
2-11	2-14	2-12	STORM SEWERS (WM REQ)	0	0	12	10	0.50%	2	Z0056608
2-12	2-12	2-10	STORM SEWERS (WM REQ)	0	0	12	40	0.50%	7	Z0056608
2-13	2-10	2-8	STORM SEWERS, RG	A	2	12	10	0.50%	3	550A2520
2-14	2-18	2-8	STORM SEWERS (WM REQ)	0	0	48	222	0.03%	207	Z0056626
2-15	2-15	2-16	STORM SEWERS (WM REQ)	0	0	12	17	0.50%	2	Z0056608
2-16	2-16	2-17	STORM SEWERS (WM REQ)	0	0	12	8	0.50%	1	Z0056608
2-17	2-17	2-18	STORM SEWERS, RG	A	1	12	10	0.50%	2	550A2320
2-18	3-1	2-18	STORM SEWERS (WM REQ)	0	0	48	127	0.03%	128	Z0056626
2-19	2-19	2-1	STORM SEWERS, RG	A	2	12	23	1.00%	2	550A2520
2-20	2-20	2-1	STORM SEWERS (WM REQ)	0	0	12	26	0.50%	1	Z0056608

STRUCTURE NUMBER (S)	FRAME AND GRATE/LID STATION	FRAME AND GRATE/LID OFFSET	CENTER OF STRUCTURE STATION	CENTER OF STRUCTURE OFFSET	STRUCTURE TYPE	RIM ELEV.	STORM SEWER INVERT						PAY ITEM NUMBER		
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST		WEST	NORTHWEST
3-1	123+75.00	1.0' RT	123+75.00	4.0' RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.49		629.21		633.49		629.21			60224459
3-2	123+84.00	19.5' RT	123+84.00	19.5' RT	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	637.08								633.58	60208230
3-3	124+58.00	26.6' LT	124+58.00	25.6' LT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.07			633.28	633.28					60203905
3-4	124+65.00	6.5' RT	124+65.00	3.0' RT	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.06		629.24	633.39			629.24		633.17	60224469
3-5	124+68.00	12.5' RT	124+68.00	11.5' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	636.94		633.40						633.40	60201330
3-6	124+68.00	19.5' LT	124+68.00	19.0' LT	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	636.98		633.42						633.32	60240327
3-7	124+80.00	12.5' RT	124+80.00	12.5' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	636.95						633.45			60237460
3-8	124+85.00	19.5' LT	124+85.00	19.5' LT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	636.99						633.49			60237460
3-9	126+61.00	19.5' RT	126+62.50	19.5' RT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	637.67		634.57						634.67	60205030
3-10	126+91.00	1.0' RT	126+91.00	3.0' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	638.20		631.30		634.53		629.30			60223800
3-11	129+75.00	22.1' RT	129+75.00	22.1' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	637.18		633.68							60237460
3-12	129+75.00	19.5' LT	129+75.00	19.5' LT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	637.41		633.91							60237460
3-13	129+89.50	22.3' RT	129+89.50	23.3' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	637.16						633.62		633.62	60201330
3-14	129+89.50	19.5' LT	129+89.50	18.5' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	637.40				633.85		633.85			60201330
3-15	129+89.50	1.7' LT	129+89.50	0.3' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.64		631.80		633.53		631.80		633.78	60223800
3-16	132+05.00	18.5' RT	132+05.00	18.5' RT	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	637.52								634.02	60208230
3-17	132+05.00	1.4' RT	132+05.00	2.9' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.86		632.16		633.96		632.16			60221100
3-18	133+18.00	22.7' LT	133+18.00	23.7' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.65		633.55		633.55					60200205
3-19	133+18.00	2.8' RT	133+18.00	4.8' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.39		632.34		633.40		632.34		633.43	60223800
3-20	133+28.00	21.1' RT	133+28.00	22.1' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	637.02		633.48						633.48	60201330
3-21	133+28.00	19.5' LT	133+28.00	20.0' LT	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	637.23		633.69				633.59			60240327
3-22	133+40.00	21.3' RT	133+40.00	21.3' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	637.03						633.53			60237460
3-23	133+40.00	19.5' LT	133+40.00	19.5' LT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	637.24						633.74			60237460
3-24	127+50.00	32.3' RT	127+50.00	32.3' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	637.49						634.99			60207605

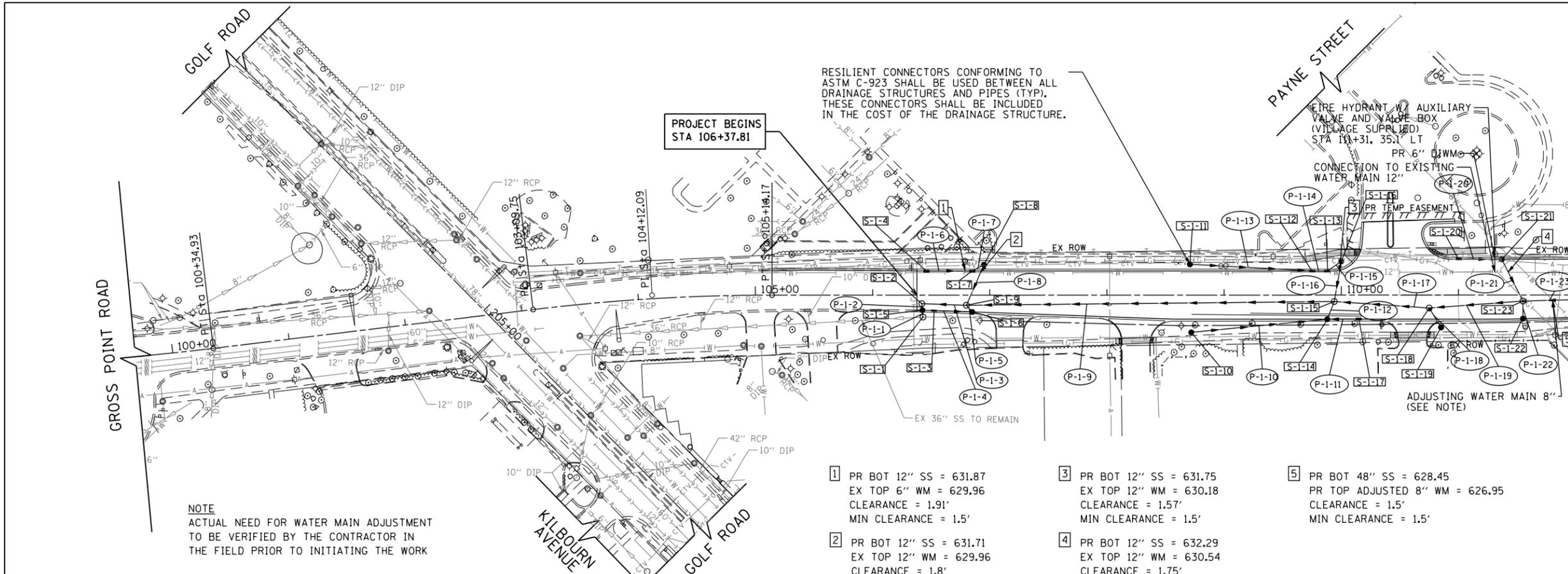
PIPE NUMBER (P)	STRUCTURE (S)		DESCRIPTION	CLASS	TYPE	SIZE (INCH)	LENGTH (FT)	SLOPE (%)	TBF (CY)	PAY ITEM NUMBER
	FROM	TO								
3-1	3-2	3-1	STORM SEWERS (WM REQ)	0	0	12	19	0.50%	3	Z0056608
3-2	3-4	3-1	STORM SEWERS (WM REQ)	0	0	48	82	0.03%	77	Z0056626
3-3	3-7	3-5	STORM SEWERS (WM REQ)	0	0	12	9	0.50%	2	Z0056608
3-4	3-5	3-4	STORM SEWERS, RG	A	1	12	3	0.50%	1	550A2320
3-5	3-8	3-6	STORM SEWERS (WM REQ)	0	0	12	15	0.50%	2	Z0056608
3-6	3-6	3-3	STORM SEWERS (WM REQ)	0	0	12	8	0.50%	2	Z0056608
3-7	3-3	3-4	STORM SEWERS, RG	A	1	12	22	0.50%	4	550A2320
3-8	3-10	3-4	STORM SEWERS (WM REQ)	0	0	48	219	0.03%	224	Z0056626
3-9	3-9	3-10	STORM SEWERS (WM REQ)	0	0	12	28	0.50%	3	Z0056608
3-10	3-15	3-10	STORM SEWERS (WM REQ)	0	0	24	293	0.17%	195	Z0056616
3-11	3-11	3-13	STORM SEWERS, RG	A	1	12	12	0.50%	2	550A2320
3-12	3-13	3-15	STORM SEWERS, RG	A	1	12	18	0.50%	3	550A2320
3-13	3-12	3-14	STORM SEWERS (WM REQ)	0	0	12	12	0.50%	2	Z0056608
3-14	3-14	3-15	STORM SEWERS, RG	A	1	12	14	0.50%	2	550A2320
3-15	3-17	3-15	STORM SEWERS (WM REQ)	0	0	24	211	0.17%	78	Z0056616
3-16	3-16	3-17	STORM SEWERS, RG	A	1	12	13	0.50%	2	550A2320
3-17	3-19	3-17	STORM SEWERS (WM REQ)	0	0	24	108	0.17%	34	Z0056616
3-18	3-22	3-20	STORM SEWERS (WM REQ)	0	0	12	10	0.50%	2	Z0056608
3-19	3-20	3-19	STORM SEWERS (WM REQ)	0	0	12	15	0.50%	3	Z0056608
3-20	3-23	3-21	STORM SEWERS (WM REQ)	0	0	12	10	0.50%	2	Z0056608
3-21	3-21	3-18	STORM SEWERS (WM REQ)	0	0	12	8	0.50%	2	Z0056608
3-22	3-18	3-19	STORM SEWERS, RG	A	1	12	24	0.50%	5	550A2320
3-23	4-2	3-19	STORM SEWERS (WM REQ)	0	0	24	251	0.17%	63	Z0056616
3-24	3-24	3-9	STORM SEWERS, RG	A	1	12	85	0.50%	12	550A2320

STRUCTURE NUMBER (S)	FRAME AND GRATE/LID STATION	FRAME AND GRATE/LID OFFSET	CENTER OF STRUCTURE STATION	CENTER OF STRUCTURE OFFSET	STRUCTURE TYPE	RIM ELEV.	STORM SEWER INVERT						PAY ITEM NUMBER	
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST		WEST
4-1	135+75.00	23.0' RT	135+75.00	24.0' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	637.26		633.47					633.47	60201330
4-2	135+75.00	2.8' RT	135+75.00	5.8' RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.67	633.74	632.77		633.40		632.77		60224459
4-3	136+00.53	16.0' LT	136+00.53	17.0' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	637.43		633.88			633.88			60201330
4-4	136+15.00	15.8' LT	136+15.00	15.8' LT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	637.44						633.94		60237460
4-5	136+45.00	24.5' RT	136+45.00	24.5' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	637.31						633.81		60237460
4-6	138+40.00	15.0' LT	138+40.00	15.0' LT	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	637.00				633.75				60208230
4-7	138+40.00	5.5' RT	138+40.00	4.5' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	637.19		633.47				633.45	633.67	60218400
4-8	138+82.41	26.0' RT	138+82.41	27.0' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	636.70		633.67				633.67		60201330
4-9	138+95.00	26.0' RT	138+95.00	26.0' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	636.71						633.71		60237460

PIPE NUMBER (P)	STRUCTURE (S)		DESCRIPTION	CLASS	TYPE	SIZE (INCH)	LENGTH (FT)	SLOPE (%)	TBF (CY)	PAY ITEM NUMBER
	FROM	TO								
4-1	4-5	4-1	STORM SEWERS (WM REQ)	0	0	12	68	0.50%	9	Z0056608
4-2	4-1	4-2	STORM SEWERS, RG	A	1	12	13	0.50%	3	550A2320
4-3	4-4	4-3	STORM SEWERS (WM REQ)	0	0	12	13	0.50%	2	Z0056608
4-4	4-3	4-2	STORM SEWERS, RG	A	1	12	28	0.50%	4	550A2320
4-5	4-7	4-2	STORM SEWERS (WM REQ)	0	0	18	260	0.26%	49	Z0056612
4-6	4-6	4-7	STORM SEWERS, RG	A	1	12	17	0.50%	2	550A2320
4-7	4-9	4-8	STORM SEWERS (WM REQ)	0	0	12	10	0.44%	1	Z0056608
4-8	4-8	4-7	STORM SEWERS (WM REQ)	0	0	12	44	0.44%	5	Z0056608

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. _____	

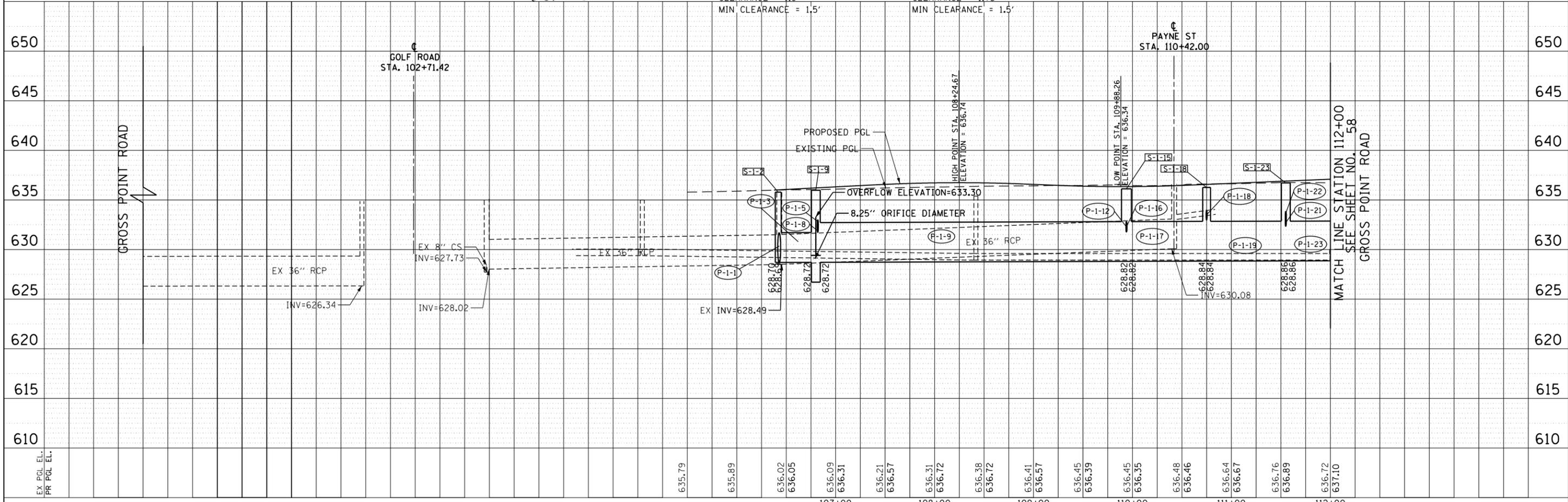
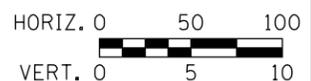


NOTE
ACTUAL NEED FOR WATER MAIN ADJUSTMENT
TO BE VERIFIED BY THE CONTRACTOR IN
THE FIELD PRIOR TO INITIATING THE WORK

- 1 PR BOT 12" SS = 631.87
EX TOP 6" WM = 629.96
CLEARANCE = 1.91'
MIN CLEARANCE = 1.5'
- 2 PR BOT 12" SS = 631.71
EX TOP 12" WM = 629.96
CLEARANCE = 1.8'
MIN CLEARANCE = 1.5'
- 3 PR BOT 12" SS = 631.75
EX TOP 12" WM = 630.18
CLEARANCE = 1.57'
MIN CLEARANCE = 1.5'
- 4 PR BOT 12" SS = 632.29
EX TOP 12" WM = 630.54
CLEARANCE = 1.75'
MIN CLEARANCE = 1.5'
- 5 PR BOT 48" SS = 628.45
PR TOP ADJUSTED 8" WM = 626.95
CLEARANCE = 1.5'
MIN CLEARANCE = 1.5'

MATCH LINE STATION 112+00
SEE SHEET NO. 58
GROSS POINT ROAD

LEGEND
S-1-22 DRAINAGE STRUCTURE NUMBER
P-1-19 DRAINAGE PIPE NUMBER

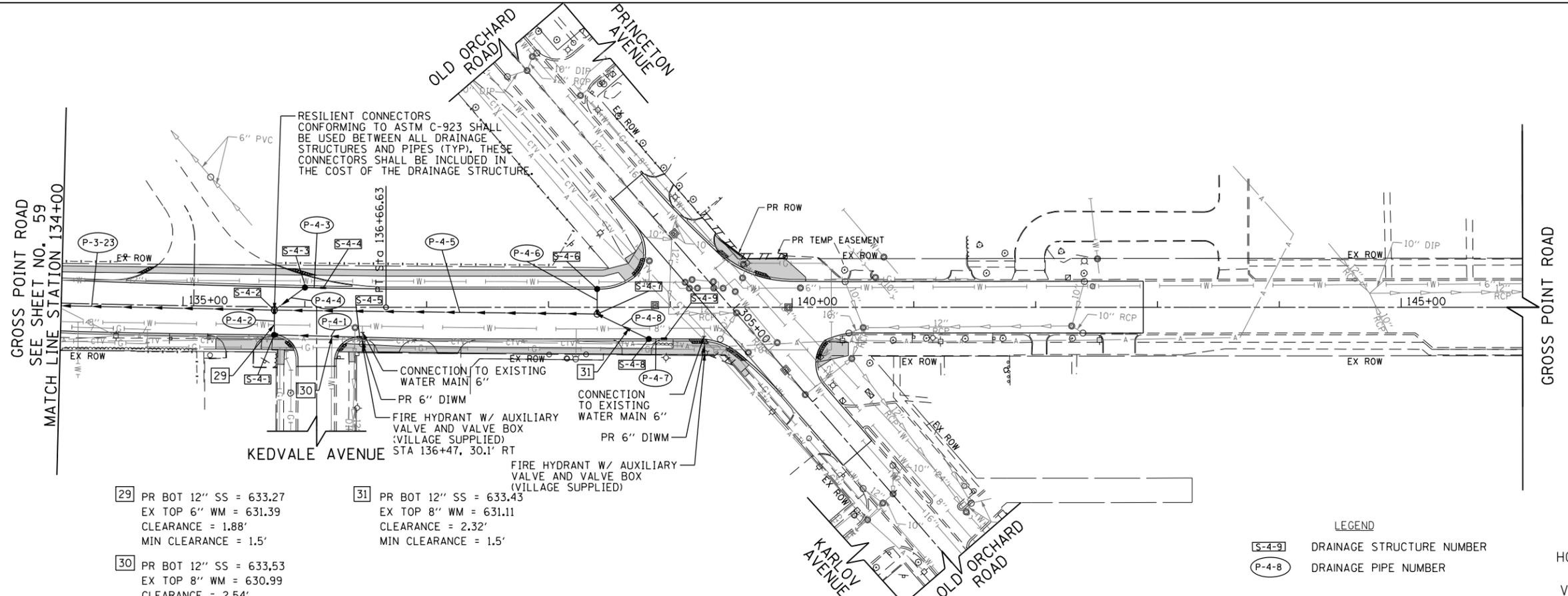


MATCH LINE STATION 112+00
SEE SHEET NO. 58
GROSS POINT ROAD

FILE NAME =	USER NAME = CECCom	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD DRAINAGE AND UTILITIES PLAN AND PROFILE			F.A.U. R.T.E. = 3520	SECTION = 08-00279-00-FP	COUNTY = COOK	TOTAL SHEETS = 160	SHEET NO. = 57
Invalid expression	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50'	SHEET 5 OF 8 SHEETS	STA. 106+37.81 TO STA. 112+00.00	ILLINOIS FED. AID PROJECT				
Default	PLOT DATE = 5/18/2022	DATE = 5/20/2022	REVISED -									

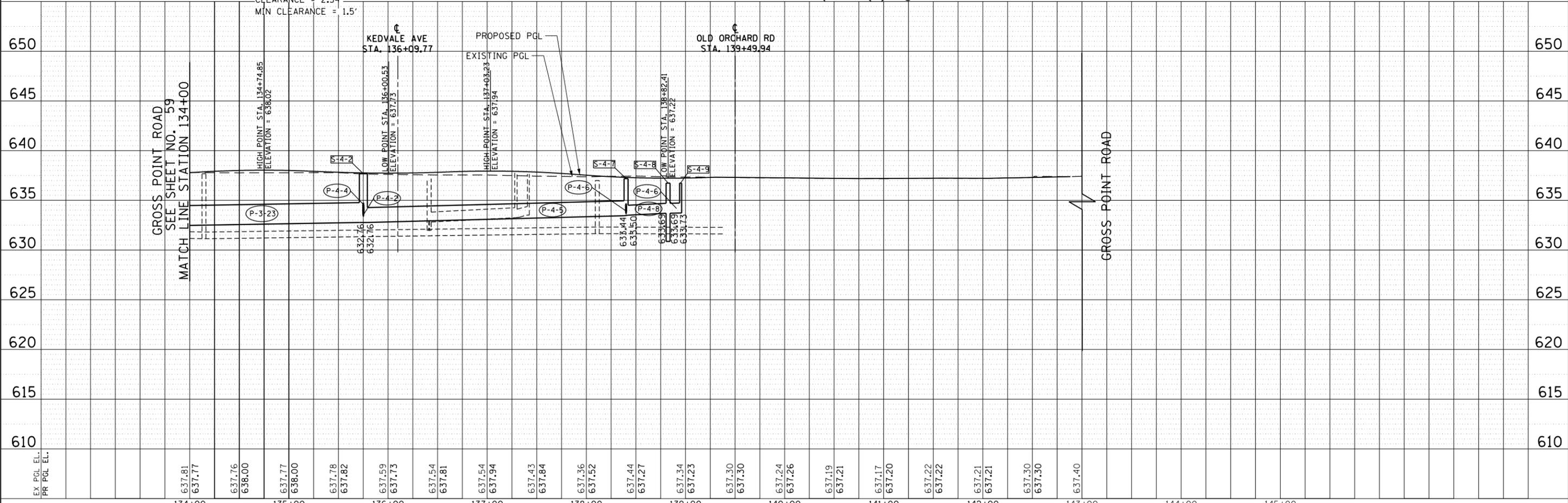
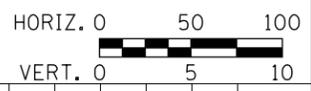
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO.		

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

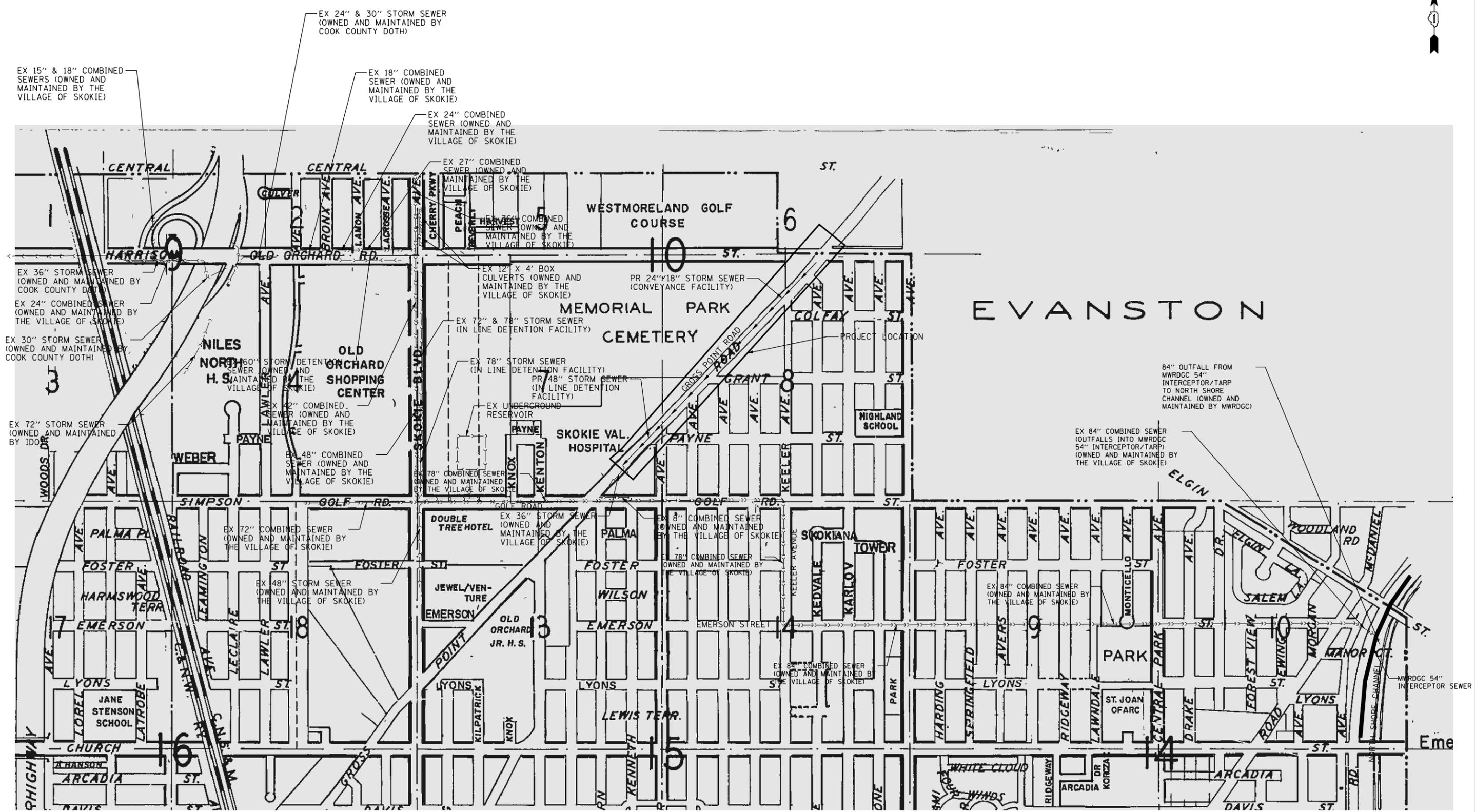


- 29 PR BOT 12" SS = 633.27
EX TOP 6" WM = 631.39
CLEARANCE = 1.88'
MIN CLEARANCE = 1.5'
- 30 PR BOT 12" SS = 633.53
EX TOP 8" WM = 630.99
CLEARANCE = 2.54'
MIN CLEARANCE = 1.5'
- 31 PR BOT 12" SS = 633.43
EX TOP 8" WM = 631.11
CLEARANCE = 2.32'
MIN CLEARANCE = 1.5'

LEGEND
 S-4-9 DRAINAGE STRUCTURE NUMBER
 P-4-8 DRAINAGE PIPE NUMBER



FILE NAME =	USER NAME = CECComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD DRAINAGE AND UTILITIES PLAN AND PROFILE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Invalid expression		DRAWN - MLB	REVISED -			3520	08-00279-00-FP	COOK	160	60	
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -			CONTRACT NO. 61H23					
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -			ILLINOIS FED. AID PROJECT					



FILE NAME = Invalid expression	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
MWRDGC ROUTING LOCATION MAP**

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

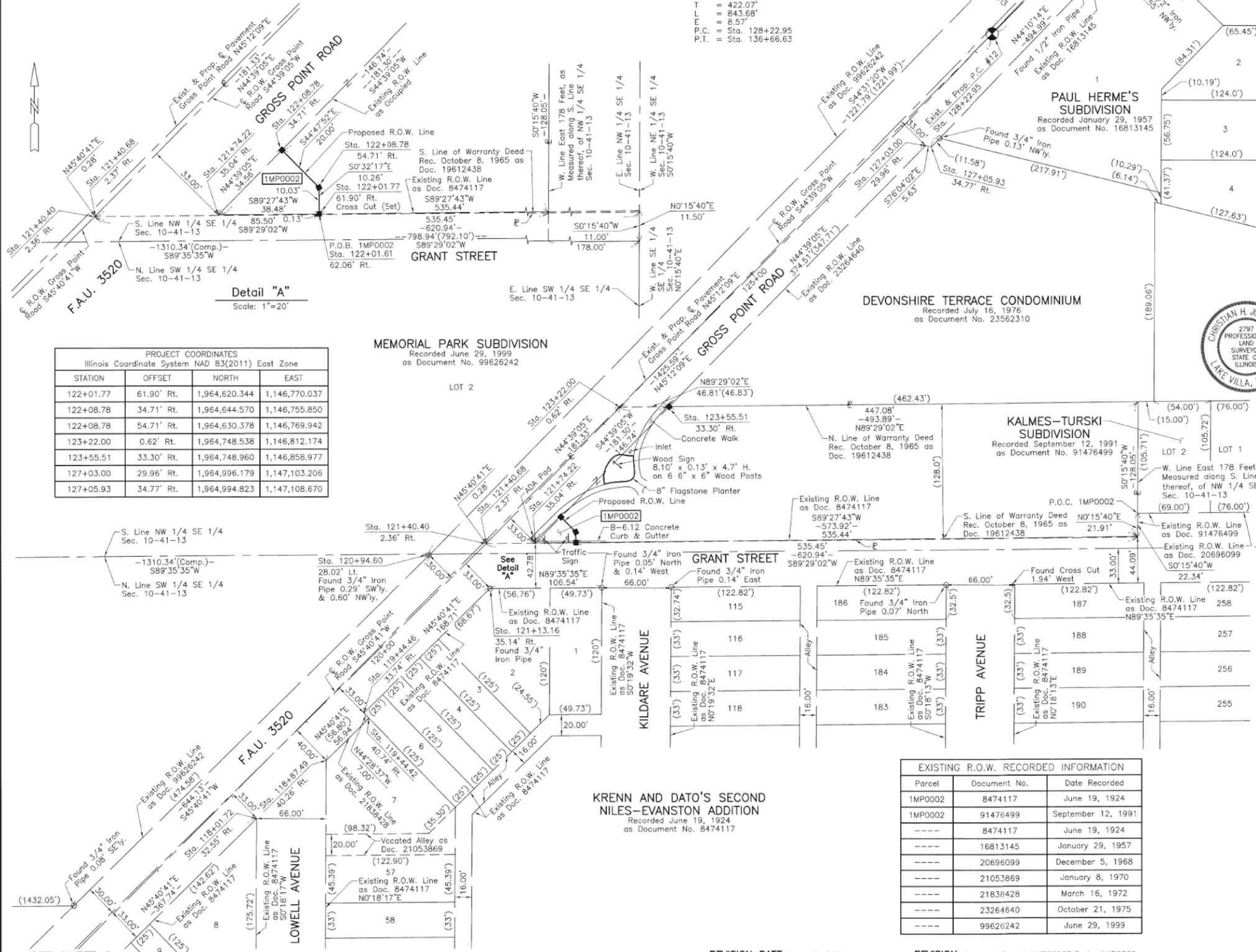
F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 61
CONTRACT NO. 61H23				ILLINOIS FED. AID PROJECT

PART OF THE SE 1/4 OF SEC. 10, TWP. 41 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
1MP0002	1.638	0.150	0.138	1.488	N/A	N/A	10-10-406-020

Existing & Proposed Pavement Gross Point Road Curve #12

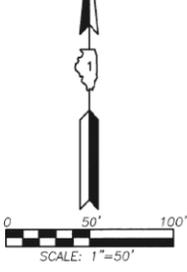
P.I. = Sta. 132+45.02
 Δ = 4°39'17"
 R = 10385.00'
 T = 422.07'
 L = 843.68'
 E = 8.57'
 P.C. = Sta. 128+22.95
 P.T. = Sta. 136+66.63



Detail "A"
Scale: 1"=20'

PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
122+01.77	61.90' Rt.	1,964,620.344	1,146,770.037
122+08.78	34.71' Rt.	1,964,644.570	1,146,755.850
122+08.78	54.71' Rt.	1,964,630.378	1,146,769.942
123+22.00	0.62' Rt.	1,964,748.538	1,146,812.174
123+55.51	33.30' Rt.	1,964,748.960	1,146,858.977
127+03.00	29.96' Rt.	1,964,996.179	1,147,103.206
127+05.93	34.77' Rt.	1,964,994.823	1,147,108.670



Bearings and Coordinates are referred to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR 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. STD 667101-02 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS



THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 41N., RANGE 13E., 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 LAKE VILLA, ILLINOIS THIS 7th DAY OF September 2020 A.D.

Christian H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified.
 Areas shown on this plat are ground.
 All measured and computed distances are grid not ground.
 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999800925.

PROJECT COORDINATES
Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
118+01.72	32.55' Rt.	1,964,359.291	1,146,465.484
118+07.49	40.26' Rt.	1,964,414.248	1,146,531.776
119+44.42	40.74' Rt.	1,964,454.030	1,146,572.511
119+44.46	33.74' Rt.	1,964,459.025	1,146,567.607
120+94.60	28.02' Lt.	1,964,608.633	1,146,630.631
121+13.16	35.14' Rt.	1,964,576.898	1,146,688.303
121+40.40	2.36' Rt.	1,964,619.346	1,146,684.538
121+40.68	2.37' Rt.	1,964,619.543	1,146,684.740
121+74.22	35.04' Rt.	1,964,619.983	1,146,731.560
122+01.61	62.06' Rt.	1,964,620.116	1,146,770.039

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1MP0002	8474117	June 19, 1924
1MP0002	91476499	September 12, 1991
----	8474117	June 19, 1924
----	16813145	January 29, 1957
----	20696099	December 5, 1968
----	21053869	January 8, 1970
----	21836428	March 16, 1972
----	23264640	October 21, 1975
----	99626242	June 29, 1999

KRENN AND DATO'S SECOND NILES-EVANSTON ADDITION
 Recorded June 19, 1924
 as Document No. 8474117

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.U. 3520 (GROSS POINT ROAD)
 LIMITS: GOLF ROAD TO OLD ORCHARD ROAD
 COUNTY: COOK
 SECTION: 08-00279-00-FP JOB NO.: R-91-001-10
 STATION 116+00 TO STATION 130+00
 SCALE: 1"=50' SHEET 3 OF 9

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

REVISION DATE May 27, 2021

REVISION Changed Parcel 1MP0002P.E. to 1MP0002

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
PLAT OF HIGHWAYS

FILE NAME = Invalid expression
 Default

USER NAME	DESIGNED	REVISION
CEComin	CEC	-
	MLB	REVIS
	DWB	REVIS
		REVIS

PART OF THE SE 1/4 OF SEC. 10, TWP. 41 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
1MP0003T.E.	0.775	N/A	N/A	0.775	0.015	Construction Purposes	10-10-406-001

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
133+17.96	30.76' Lt.	1,965,479.744	1,147,487.336

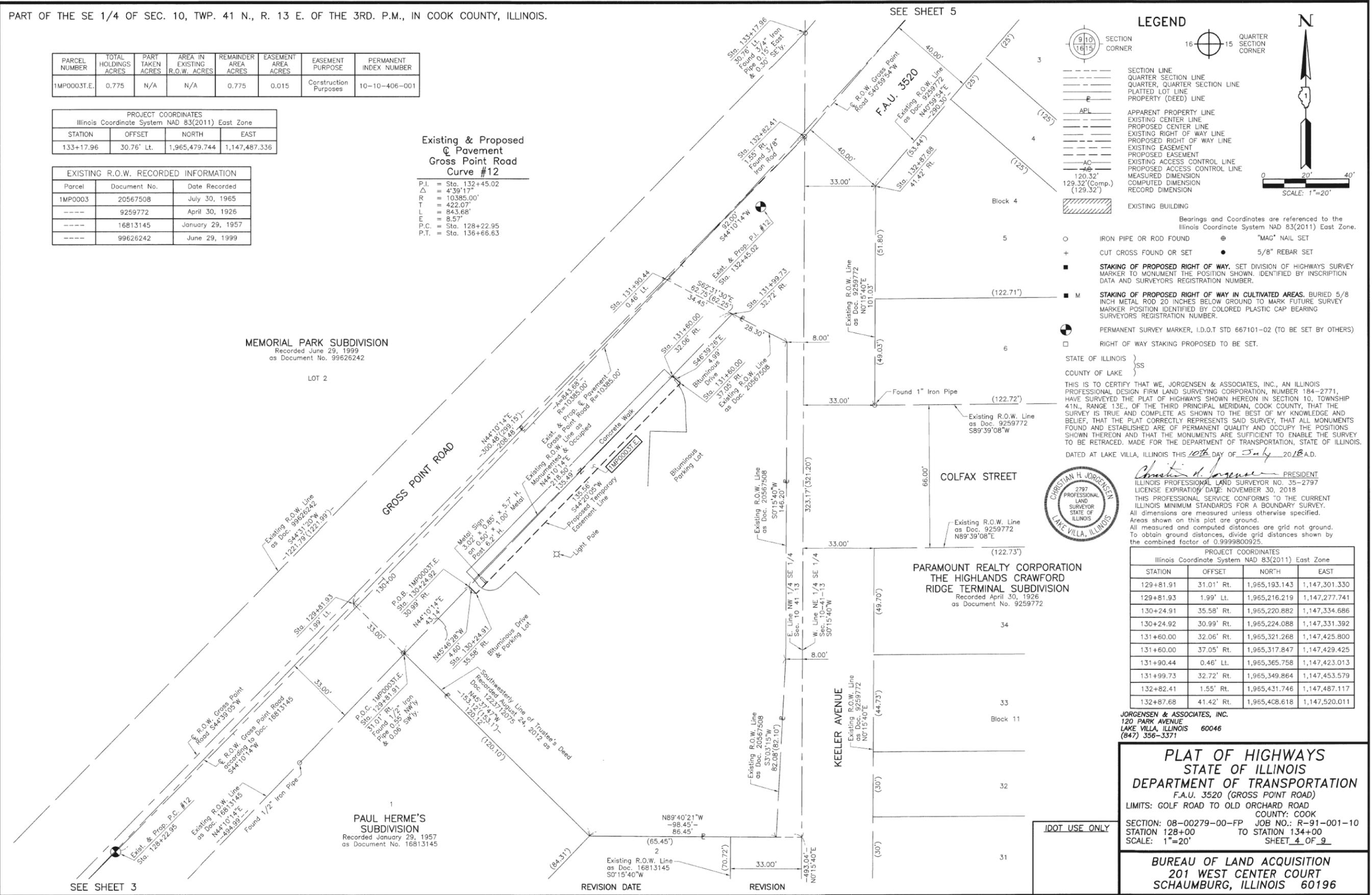
EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1MP0003	20567508	July 30, 1965
----	9259772	April 30, 1926
----	16813145	January 29, 1957
----	99626242	June 29, 1999

Existing & Proposed Pavement Gross Point Road Curve #12

P.I. = Sta. 132+45.02
 Δ = 4°39'17"
 R = 10385.00'
 T = 422.07'
 L = 843.68'
 E = 8.57'
 P.C. = Sta. 128+22.95
 P.T. = Sta. 136+66.63

MEMORIAL PARK SUBDIVISION
 Recorded June 29, 1999
 as Document No. 99626242

LOT 2



LEGEND

SECTION CORNER: 9 10 16 15
 QUARTER SECTION CORNER: 16 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL
 APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 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

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR 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. STD 667101-02 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 41N., RANGE 13E., 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 LAKE VILLA, ILLINOIS THIS 10th DAY OF July 2018 A.D.

Christian H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 All dimensions are measured unless otherwise specified.
 Areas shown on this plat are ground.
 All measured and computed distances are grid not ground.
 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999800925.

CHRISTIAN H. JORGENSEN
 2797 PROFESSIONAL LAND SURVEYOR
 STATE OF ILLINOIS
 LAKE VILLA, ILLINOIS

PROJECT COORDINATES
 Illinois Coordinate System NAD 83(2011) East Zone

STATION	OFFSET	NORTH	EAST
129+81.91	31.01' Rt.	1,965,193.143	1,147,301.330
129+81.93	1.99' Lt.	1,965,216.219	1,147,277.741
130+24.91	35.58' Rt.	1,965,220.882	1,147,334.686
130+24.92	30.99' Rt.	1,965,224.088	1,147,331.392
131+60.00	32.06' Rt.	1,965,321.268	1,147,425.800
131+60.00	37.05' Rt.	1,965,317.847	1,147,429.425
131+90.44	0.46' Lt.	1,965,365.758	1,147,423.013
131+99.73	32.72' Rt.	1,965,349.864	1,147,453.579
132+82.41	1.55' Rt.	1,965,431.746	1,147,487.117
132+87.68	41.42' Rt.	1,965,408.618	1,147,520.011

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 3520 (GROSS POINT ROAD)
 LIMITS: GOLF ROAD TO OLD ORCHARD ROAD
 COUNTY: COOK
 SECTION: 08-00279-00-FP JOB NO.: R-91-001-10
 STATION 128+00 TO STATION 134+00
 SCALE: 1"=20' SHEET 4 OF 9

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

FILE NAME = Invalid expression	USER NAME = CECComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

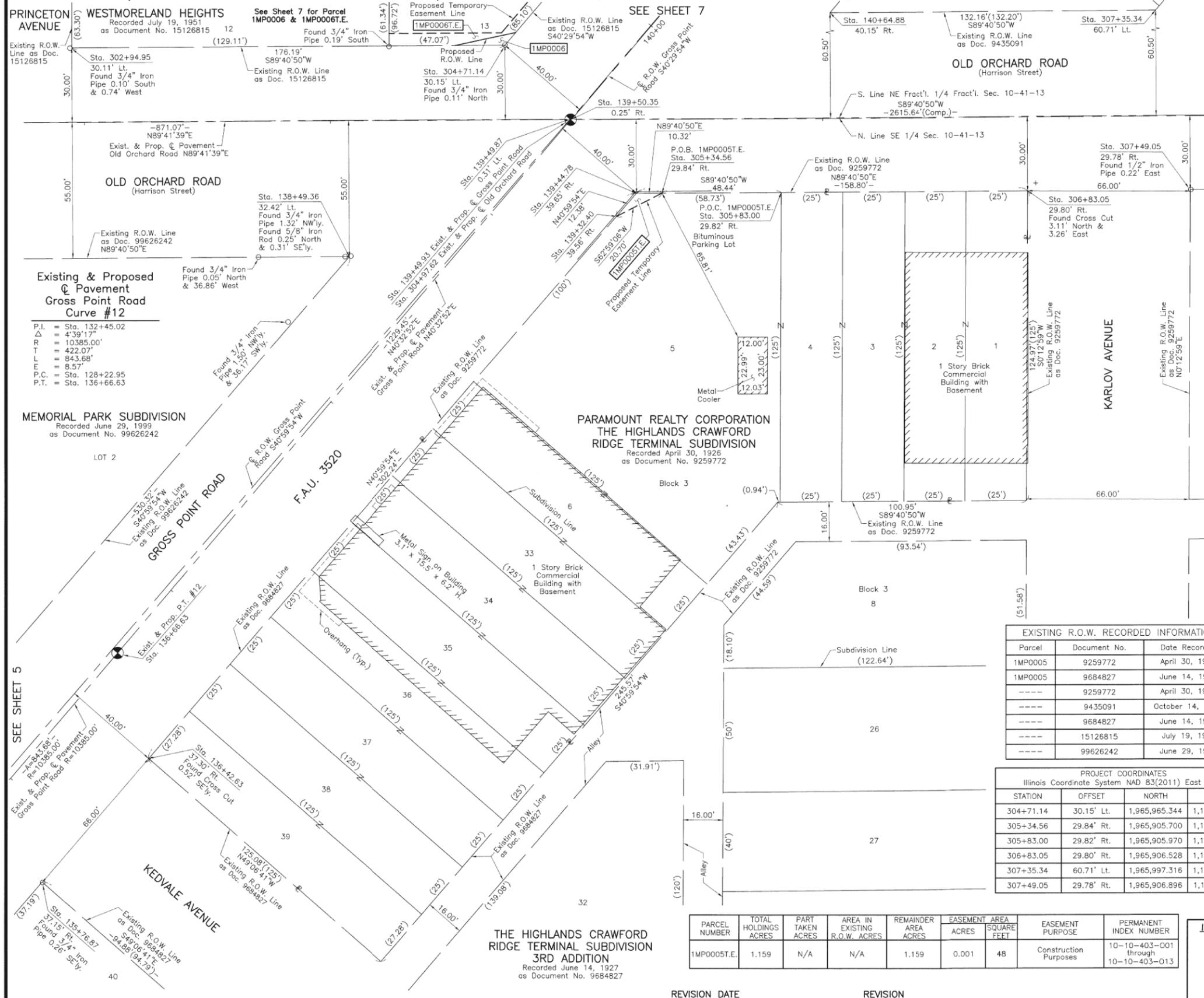
GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
PLAT OF HIGHWAYS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	64

CONTRACT NO. 61H23
 ILLINOIS FED. AID PROJECT

SHEET 3 OF 8 SHEETS STA. TO STA.

PART OF THE SE 1/4 OF SEC. 10 AND PART OF THE NE FRACTIONAL 1/4 OF FRACTIONAL SEC. 10, TWP. 41 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- 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
- RECORD DIMENSION
- EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR 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 STD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
COUNTY OF LAKE

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 41N., RANGE 13E., 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 LAKE VILLA, ILLINOIS THIS 10th DAY OF July 2018 A.D.

Existing & Proposed Pavement Gross Point Road Curve #12

P.I. = Sta. 132+45.02
 Δ = 439°17'
 R = 10385.00'
 T = 422.07'
 L = 843.68'
 E = 8.57'
 P.C. = Sta. 128+22.95
 P.T. = Sta. 136+66.63

MEMORIAL PARK SUBDIVISION
 Recorded June 29, 1999
 as Document No. 99626242

**PARAMOUNT REALTY CORPORATION
 THE HIGHLANDS CRAWFORD
 RIDGE TERMINAL SUBDIVISION**
 Recorded April 30, 1926
 as Document No. 9259772

**THE HIGHLANDS CRAWFORD
 RIDGE TERMINAL SUBDIVISION
 3RD ADDITION**
 Recorded June 14, 1927
 as Document No. 9684827

EXISTING R.O.W. RECORDED INFORMATION			
Parcel	Document No.	Date Recorded	
1MP0005	9259772	April 30, 1926	
1MP0005	9684827	June 14, 1927	
----	9259772	April 30, 1926	
----	9435091	October 14, 1926	
----	9684827	June 14, 1927	
----	15126815	July 19, 1951	
----	99626242	June 29, 1999	

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
304+71.14	30.15' Lt.	1,965,965.344	1,147,898.613
305+34.56	29.84' Rt.	1,965,905.700	1,147,962.358
305+83.00	29.82' Rt.	1,965,905.970	1,148,010.797
306+83.05	29.80' Rt.	1,965,906.528	1,148,110.840
307+35.34	60.71' Lt.	1,965,997.316	1,148,162.650
307+49.05	29.78' Rt.	1,965,906.896	1,148,176.841

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
135+76.87	37.15' Rt.	1,965,627.719	1,147,710.461
136+42.63	37.30' Rt.	1,965,677.530	1,147,753.758
138+49.36	32.42' Lt.	1,965,879.992	1,147,835.243
139+32.40	39.56' Rt.	1,965,896.299	1,147,943.919
139+44.78	39.65' Rt.	1,965,905.643	1,147,952.041
139+49.87	0.31' Lt.	1,965,935.492	1,147,924.989
139+50.35	0.25' Rt.	1,965,935.496	1,147,925.723
140+64.88	40.15' Rt.	1,965,996.580	1,148,030.491
302+94.95	30.11' Lt.	1,965,964.362	1,147,722.431

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

**PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**
 F.A.U. 3520 (GROSS POINT ROAD)
 LIMITS: GOLF ROAD TO OLD ORCHARD ROAD
 COUNTY: COOK
 SECTION: 08-00279-00-FP JOB NO.: R-91-001-10
 STATION 135+00 TO STATION 140+00
 STATION 302+00 TO STATION 308+00
 SCALE: 1"=20' SHEET 6 OF 9

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

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET		
1MP0005T.E.	1.159	N/A	N/A	1.159	0.001	48	Construction Purposes	10-10-403-001 through 10-10-403-013

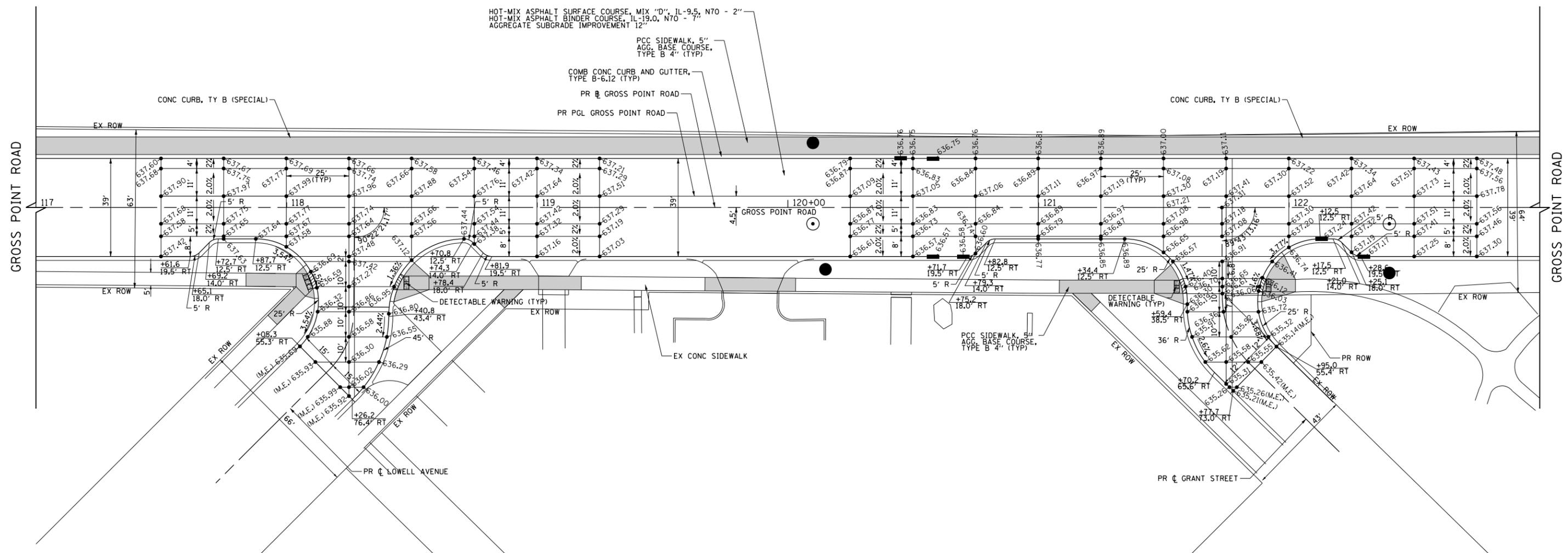
DOT USE ONLY

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

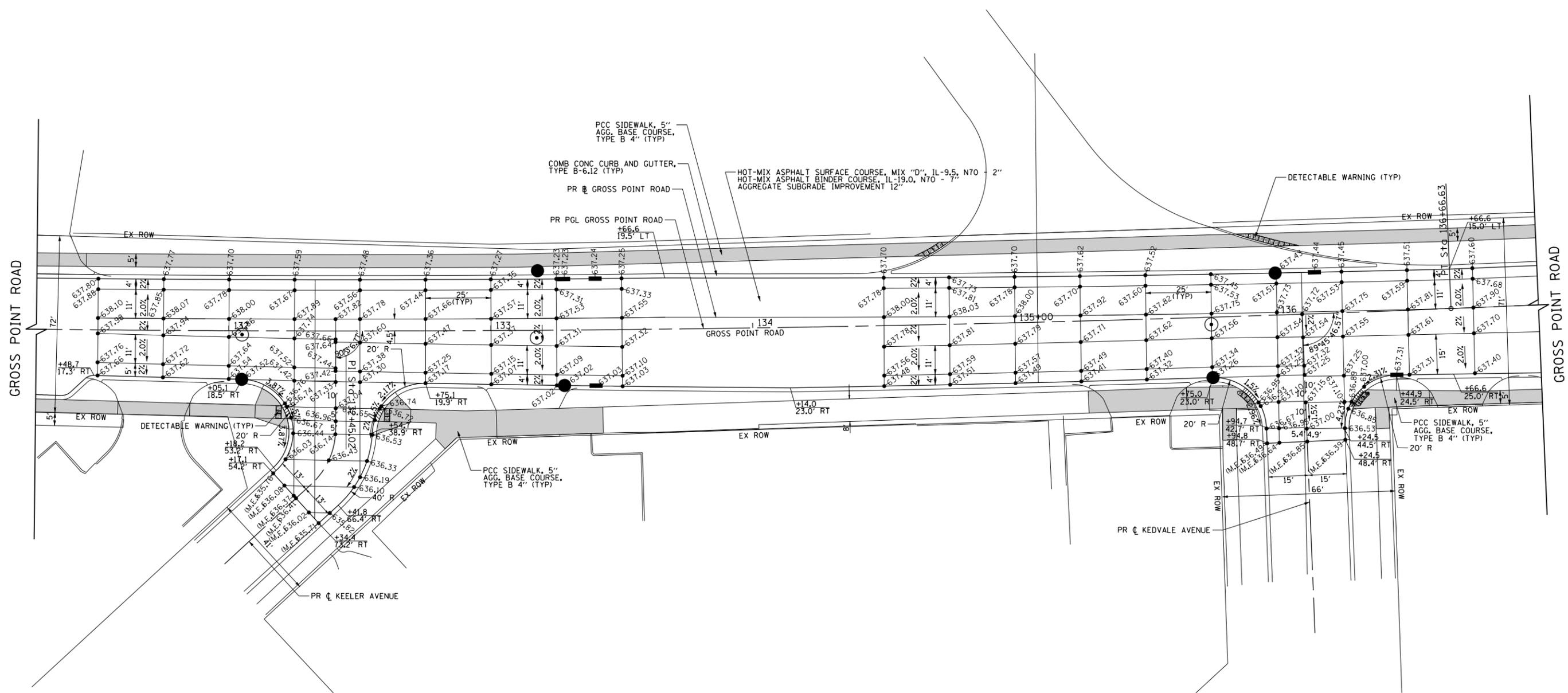
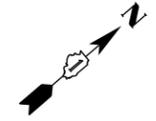
**GROSS POINT ROAD
 GOLF ROAD TO OLD ORCHARD ROAD
 PLAT OF HIGHWAYS**

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Default		MLB	MLB
		DWB	DWB

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	66
CONTRACT NO. 61H23				
SHEET 5 OF 8 SHEETS		STA.	TO STA.	
		ILLINOIS	FED. AID PROJECT	



FILE NAME = Invalid expression	USER NAME = CECComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD INTERSECTION PAVING PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=20'	SHEET 2 OF 4 SHEETS	STA. 117+00.00 TO STA. 123+00.00	3520	08-00279-00-FP	COOK	160	71
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -					CONTRACT NO. 61H23				
								ILLINOIS FED. AID PROJECT				



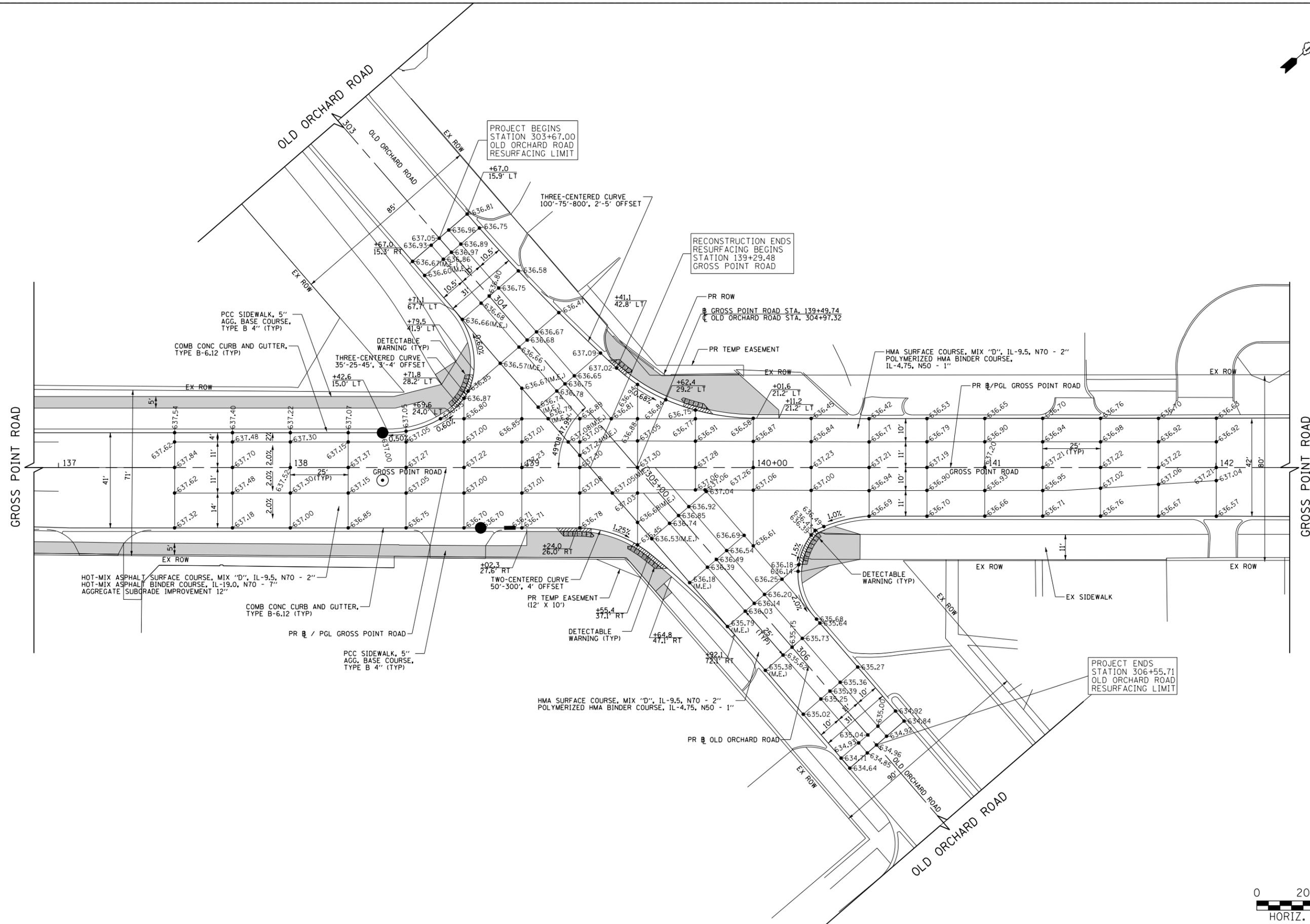
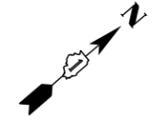
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	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
INTERSECTION PAVING PLAN**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 131+25.00 TO STA. 137+00.00

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 72
CONTRACT NO. 61H23				
ILLINOIS		FED. AID PROJECT		

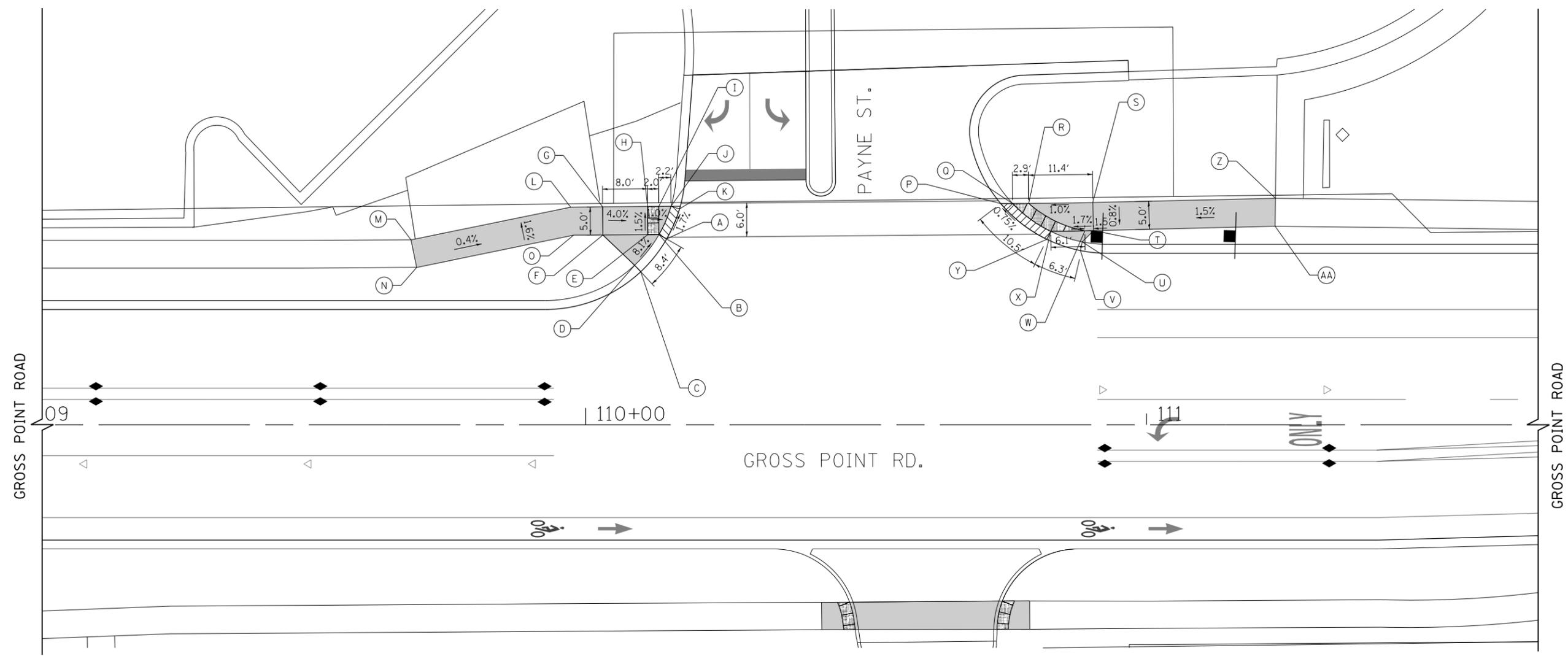
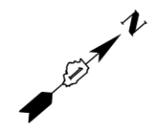


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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD INTERSECTION PAVING PLAN			
SCALE: 1"=20'	SHEET 4 OF 4 SHEETS	STA. 136+89.39 TO STA. 142+31.85	

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 73
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	110+14.5	33.0' LT	635.73
B	110+13.1	33.8' LT	635.72
C	110+09.8	27.2' LT	635.85
D	110+08.8	28.4' LT	636.29
E	110+11.1	33.8' LT	635.74
F	110+03.1	33.8' LT	636.06
G	110+03.1	38.8' LT	635.99
H	110+11.1	38.8' LT	635.67
I	110+13.1	38.8' LT	635.65
J	110+15.2	38.9' LT	635.62
K	110+16.8	38.4' LT	635.63
L	109+97.3	38.7' LT	636.01
M	109+68.9	(32.9' LT)	(636.13)
N	109+69.9	(28.0' LT)	(636.22)
O	109+97.9	33.7' LT	636.08

	STATION	OFFSET	ELEVATION
P	110+74.0	39.3' LT	635.97
Q	110+76.2	39.3' LT	636.07
R	110+79.0	39.4' LT	636.10
S	110+90.5	39.5' LT	636.21
T	110+90.6	34.5' LT	636.17
U	110+88.6	32.5' LT	636.37
V	110+88.2	31.0' LT	636.09
W	110+89.0	34.5' LT	636.15
X	110+82.9	34.4' LT	636.04
Y	110+82.3	33.0' LT	636.05
Z	111+23.0	(40.3' LT)	(636.71)
AA	111+22.9	(35.3' LT)	(636.66)

LEGEND

(%) EXISTING SLOPE

(XX.XX') EXISTING LENGTH/ELEVATION

PROPOSED SIDEWALK

ADA DEPRESSED CURB AND GUTTER

DETECTABLE WARNINGS



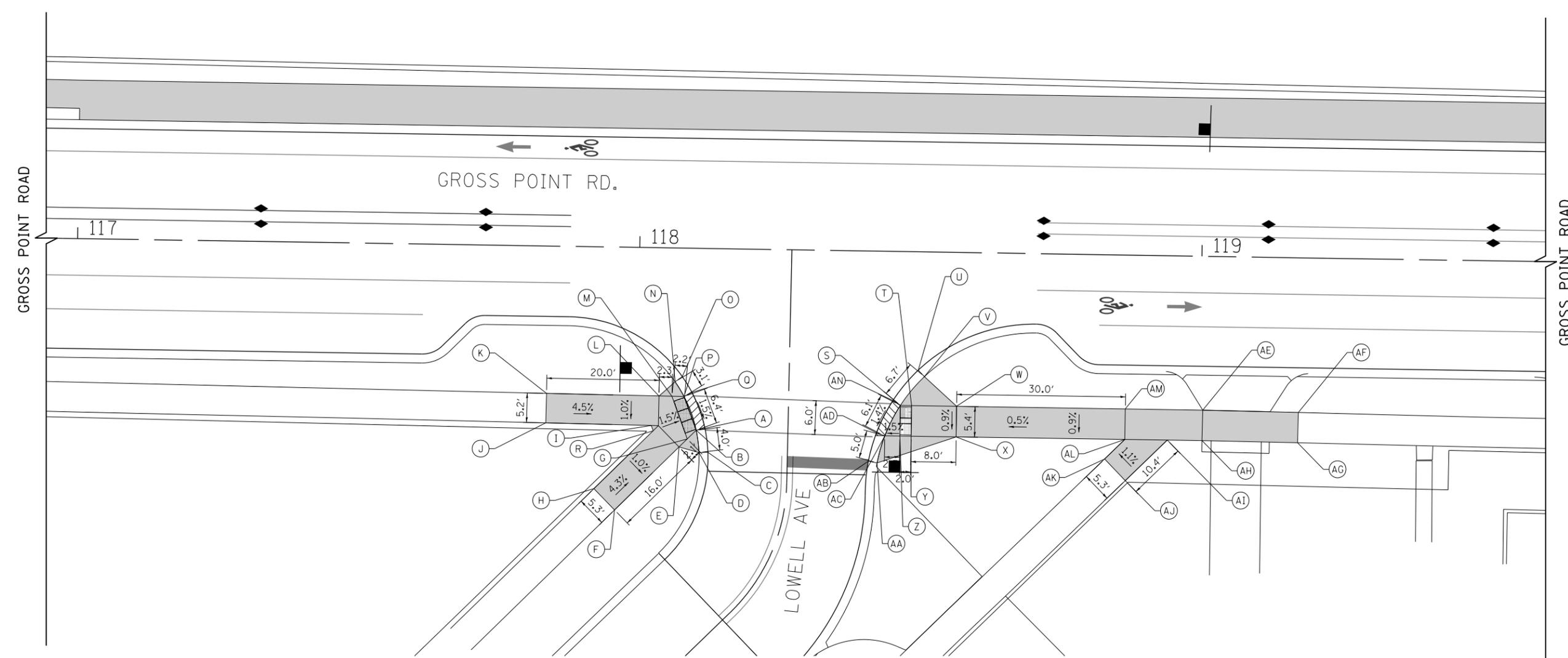
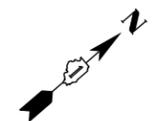
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
ADA RAMP DETAILS**

SCALE: 1"=10' SHEET 1 OF 7 SHEETS STA. 109+03.00 TO STA. 111+70.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	74
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	118+12.1	31.9' RT	636.59
B	118+10.5	32.3' RT	636.58
C	118+12.7	36.1' RT	636.44
D	118+11.1	36.2' RT	636.88
E	118+07.5	35.3' RT	636.65
F	118+00.5	(46.6' RT)	(636.99)
G	118+09.0	33.8' RT	636.61
H	117+96.7	(42.9' RT)	(637.38)
I	118+02.5	31.5' RT	636.76
J	117+93.8	(31.4' RT)	(637.61)
K	117+93.8	(26.1' RT)	(637.62)
L	118+03.8	26.3' RT	636.75
M	118+06.1	26.3' RT	636.71
N	118+06.6	23.7' RT	636.92
O	118+07.9	22.8' RT	636.81
P	118+08.3	26.3' RT	636.68
Q	118+09.7	25.6' RT	636.69
R	118+02.9	32.5' RT	636.75

	STATION	OFFSET	ELEVATION
S	118+46.8	27.3' RT	637.02
T	118+48.8	27.3' RT	637.10
U	118+49.9	21.0' RT	637.12
V	118+51.0	22.1' RT	637.56
W	118+56.8	27.3' RT	637.42
X	118+56.8	32.7' RT	637.37
Y	118+48.8	32.7' RT	637.05
Z	118+46.8	32.7' RT	636.97
AA	118+42.8	37.6' RT	637.31
AB	118+41.2	37.3' RT	636.87

	STATION	OFFSET	ELEVATION
AC	118+44.1	32.7' RT	636.93
AD	118+42.6	32.2' RT	636.94
AE	119+00.6	27.3' RT	637.60
AF	119+17.6	(27.4' RT)	(637.62)
AG	119+17.5	(32.8' RT)	(637.57)
AH	119+00.5	32.7' RT	637.55
AI	118+94.3	32.7' RT	637.54
AJ	118+87.0	(40.0' RT)	(637.54)
AK	118+83.2	(36.2' RT)	(637.48)
AL	118+86.8	32.7' RT	637.53
AM	118+86.8	27.3' RT	637.58
AN	118+45.4	26.4' RT	637.03

LEGEND

(%) EXISTING SLOPE		PROPOSED SIDEWALK
(XX.XX') EXISTING LENGTH/ELEVATION		ADA DEPRESSED CURB AND GUTTER
		DETECTABLE WARNINGS



GROSS POINT ROAD

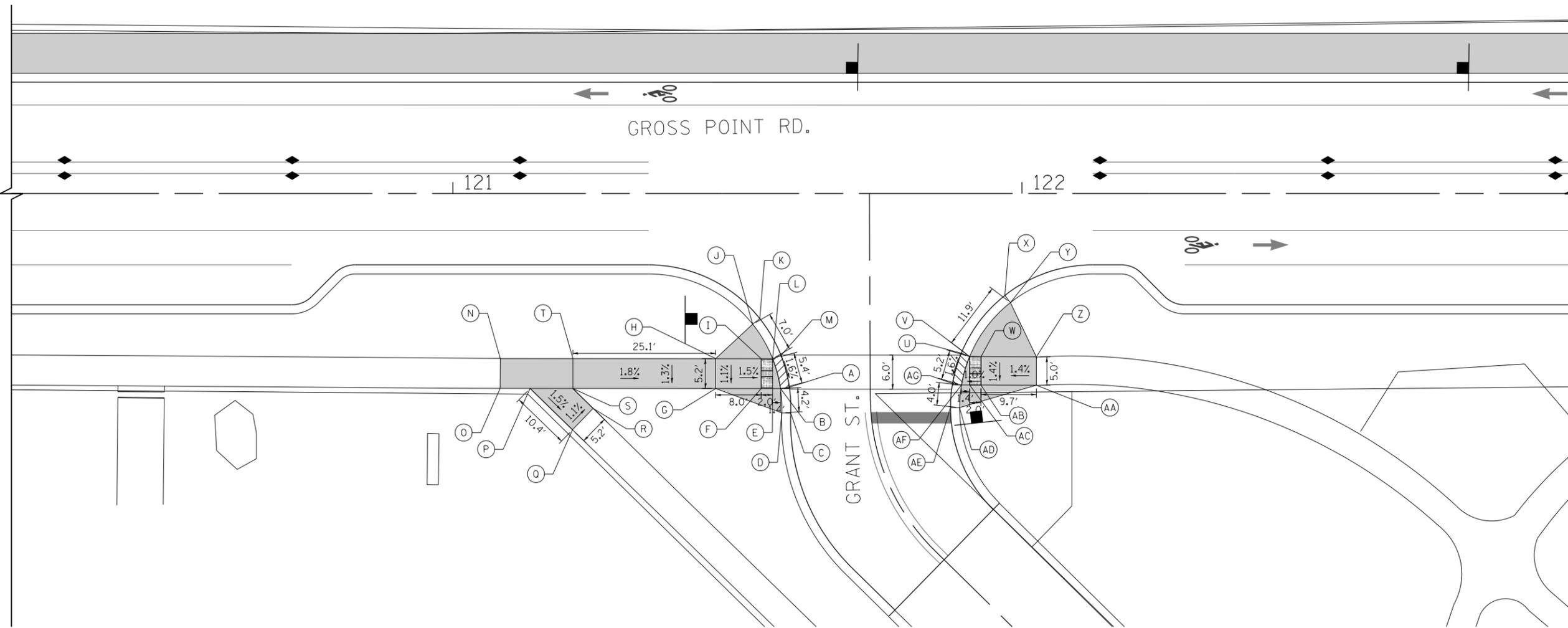
GROSS POINT ROAD

GROSS POINT RD.

121

122

GRANT ST.



	STATION	OFFSET	ELEVATION
A	121+59.1	33.9' RT	636.36
B	121+57.6	34.2' RT	636.36
C	121+59.4	38.5' RT	636.30
D	121+57.8	38.4' RT	636.74
E	121+56.2	34.2' RT	636.38
F	121+54.2	34.2' RT	636.41
G	121+46.2	34.2' RT	636.53
H	121+46.2	28.9' RT	636.59
I	121+54.2	28.9' RT	636.47
J	121+52.7	22.9' RT	637.00
K	121+53.9	21.9' RT	636.56
L	121+56.2	28.9' RT	636.44
M	121+57.7	28.3' RT	636.45
N	121+08.3	(28.9' RT)	(637.28)
O	121+08.3	(34.1' RT)	(637.16)
P	121+13.6	34.1' RT	637.07
Q	121+21.0	(41.4' RT)	(636.93)
R	121+24.7	(37.6' RT)	(636.87)
S	121+21.1	34.1' RT	636.95
T	121+21.1	28.9' RT	637.05

	STATION	OFFSET	ELEVATION
U	121+89.3	28.0' RT	636.12
V	121+90.8	28.6' RT	636.11
W	121+92.8	28.6' RT	636.13
X	121+97.0	17.9' RT	636.61
Y	121+98.0	19.1' RT	637.05
Z	122+02.5	28.6' RT	636.27
AA	122+02.5	33.6' RT	636.20
AB	121+92.8	33.6' RT	636.06
AC	121+90.8	33.6' RT	636.04
AD	121+89.0	37.5' RT	636.31
AE	121+87.5	37.5' RT	635.87
AF	121+89.4	33.5' RT	636.02
AG	121+87.8	33.3' RT	636.03

LEGEND

(%) EXISTING SLOPE

(XX.XX') EXISTING LENGTH/ELEVATION

PROPOSED SIDEWALK

ADA DEPRESSED CURB AND GUTTER

DETECTABLE WARNINGS



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PLOT DATE = 5/18/2022

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CHECKED - DWB
DATE - 5/20/2022

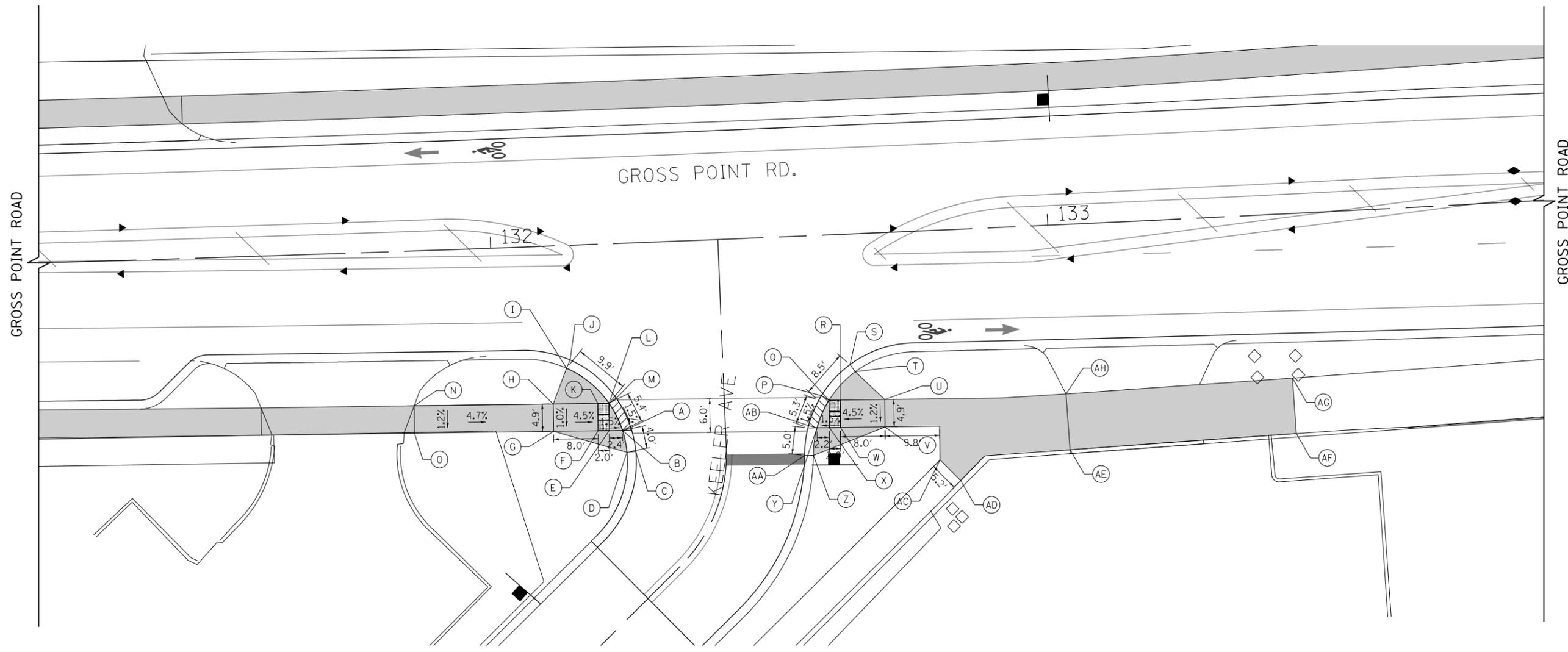
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
ADA RAMP DETAILS**

SCALE: 1"=10' SHEET 3 OF 7 SHEETS STA. 120+25.00 TO STA. 123+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	76
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	132+23.9	33.0' RT	636.67
B	132+22.4	33.5' RT	636.66
C	132+24.6	37.3' RT	636.50
D	132+23.0	37.4' RT	636.94
E	132+20.0	33.4' RT	636.70
F	132+18.0	33.4' RT	636.79
G	132+10.1	33.2' RT	637.15
H	132+10.2	28.3' RT	637.20
I	132+12.8	21.9' RT	637.62
J	132+13.5	20.5' RT	637.18
K	132+18.1	28.5' RT	636.84
L	132+20.1	28.5' RT	636.75
M	132+21.5	27.6' RT	636.76
N	131+85.3	27.7' RT	638.38
O	131+85.2	32.6' RT	638.32

	STATION	OFFSET	ELEVATION
P	132+58.2	28.7' RT	636.74
Q	132+59.5	29.6' RT	636.73
R	132+61.5	29.6' RT	636.82
S	132+63.5	23.3' RT	636.90
T	132+64.4	24.7' RT	637.34
U	132+69.4	29.9' RT	637.18
V	132+69.3	34.8' RT	637.12
W	132+61.3	34.5' RT	636.76
X	132+59.3	34.5' RT	636.67
Y	132+57.1	34.4' RT	636.64
Z	132+56.3	39.3' RT	636.98
AA	132+54.7	39.3' RT	636.54
AB	132+55.6	33.9' RT	636.65
AC	132+78.9	(41.1' RT)	(637.57)
AD	132+82.5	(44.9' RT)	(637.64)
AE	133+02.2	40.3' RT	637.68
AF	133+42.7	(39.4' RT)	(637.76)
AG	133+42.5	(29.4' RT)	(637.58)
AH	133+01.9	30.3' RT	637.36

LEGEND

(%) EXISTING SLOPE

(XX.XX') EXISTING LENGTH/ELEVATION

PROPOSED SIDEWALK

ADA DEPRESSED CURB AND GUTTER

DETECTABLE WARNINGS



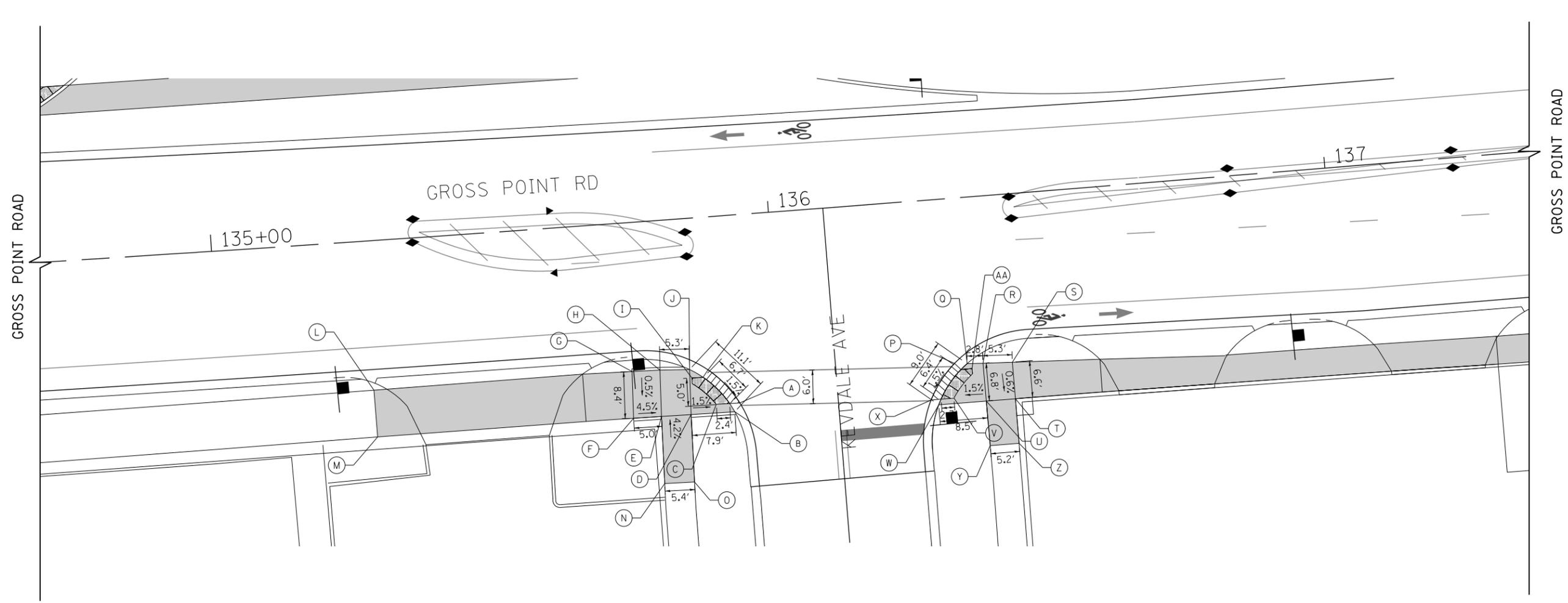
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
ADA RAMP DETAILS**

SCALE: 1"=10' SHEET 4 OF 7 SHEETS STA. 131+20.00 TO STA. 133+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	77
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	135+92.4	33.6' RT	636.94
B	135+91.4	35.1' RT	637.31
C	135+88.2	33.6' RT	636.98
D	135+83.5	35.1' RT	637.05
E	135+78.2	35.0' RT	637.13
F	135+73.3	35.0' RT	637.35
G	135+73.6	26.6' RT	637.39
H	135+78.6	26.7' RT	637.17
I	135+84.2	28.5' RT	637.09
J	135+83.9	27.0' RT	637.53
K	135+87.1	27.3' RT	637.06
L	135+27.4	(26.7' RT)	(637.71)
M	135+27.4	(35.1' RT)	(637.79)
N	135+78.0	(47.0' RT)	(637.66)
O	135+83.3	(47.1' RT)	(637.53)

	STATION	OFFSET	ELEVATION
P	136+31.2	29.5' RT	636.98
Q	136+33.4	29.7' RT	637.34
R	136+36.2	29.9' RT	637.03
S	136+41.5	30.1' RT	637.11
T	136+41.5	36.6' RT	637.07
U	136+36.3	36.6' RT	636.99
V	136+30.6	35.7' RT	636.90
W	136+27.8	36.6' RT	637.09
X	136+26.5	35.7' RT	636.86
Y	136+36.3	(44.6' RT)	(637.37)
Z	136+41.5	(44.7' RT)	(637.33)
AA	136+34.2	30.7' RT	637.00

LEGEND

(%)	EXISTING SLOPE		PROPOSED SIDEWALK
			ADA DEPRESSED CURB AND GUTTER
(XX.XX')	EXISTING LENGTH/ELEVATION		DETECTABLE WARNINGS

2' 1' 2'



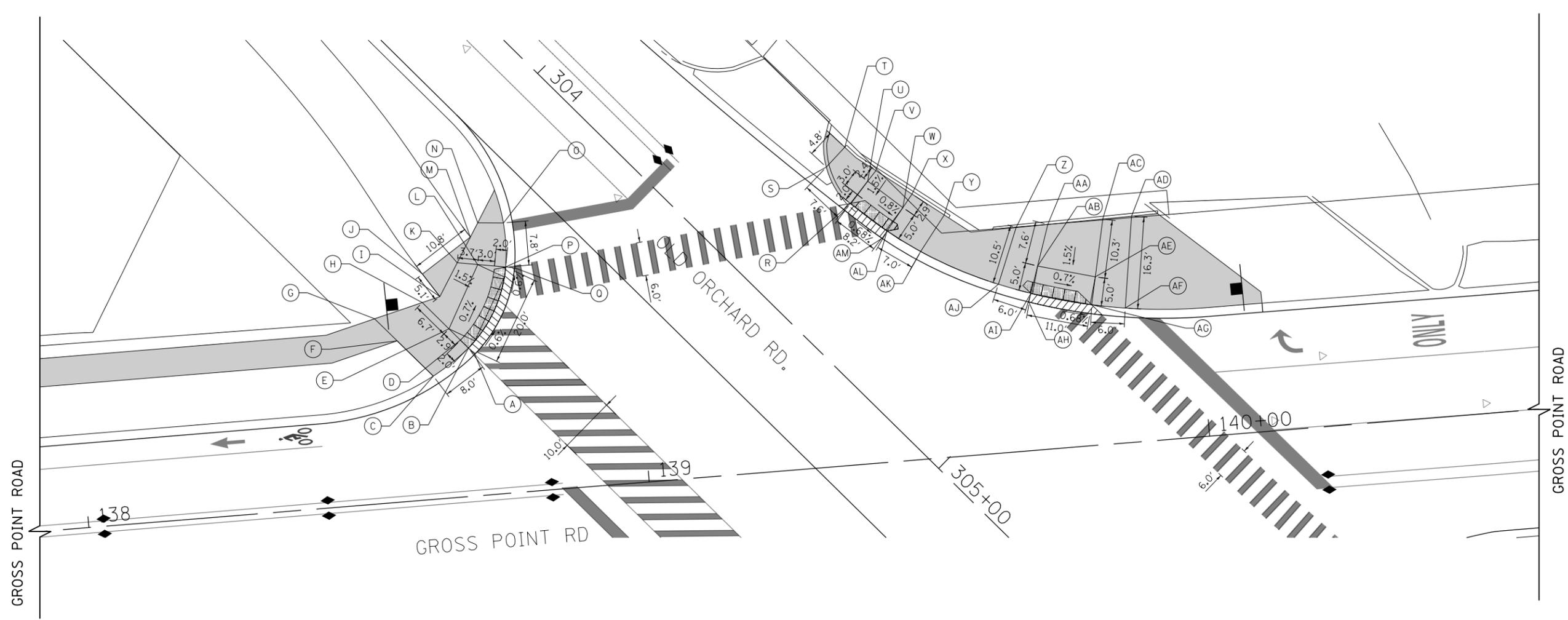
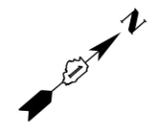
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
ADA RAMP DETAILS**

SCALE: 1"=10' SHEET 5 OF 7 SHEETS STA. 134+70 TO STA. 137+37.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	78
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



STATION	OFFSET	ELEVATION
A	138+70.9	25.1' LT 636.91
B	138+69.9	26.3' LT 636.90
C	138+63.2	21.8' LT 636.96
D	138+68.6	27.8' LT 636.93
E	138+66.7	30.0' LT 636.97
F	138+57.3	28.6' LT 637.40
G	138+53.6	32.8' LT 637.40
H	138+62.3	35.0' LT 637.07
I	138+65.5	35.8' LT 637.02
J	138+62.8	(40.0' LT) (637.25)
K	138+69.1	41.5' LT 636.93
L	138+72.7	40.9' LT 636.87
M	138+71.8	(45.9' LT) (637.00)
N	138+73.3	48.3' LT 637.20
O	138+77.9	47.9' LT 637.20
P	138+77.6	40.1' LT 636.80
Q	138+72.2	39.8' LT 636.81

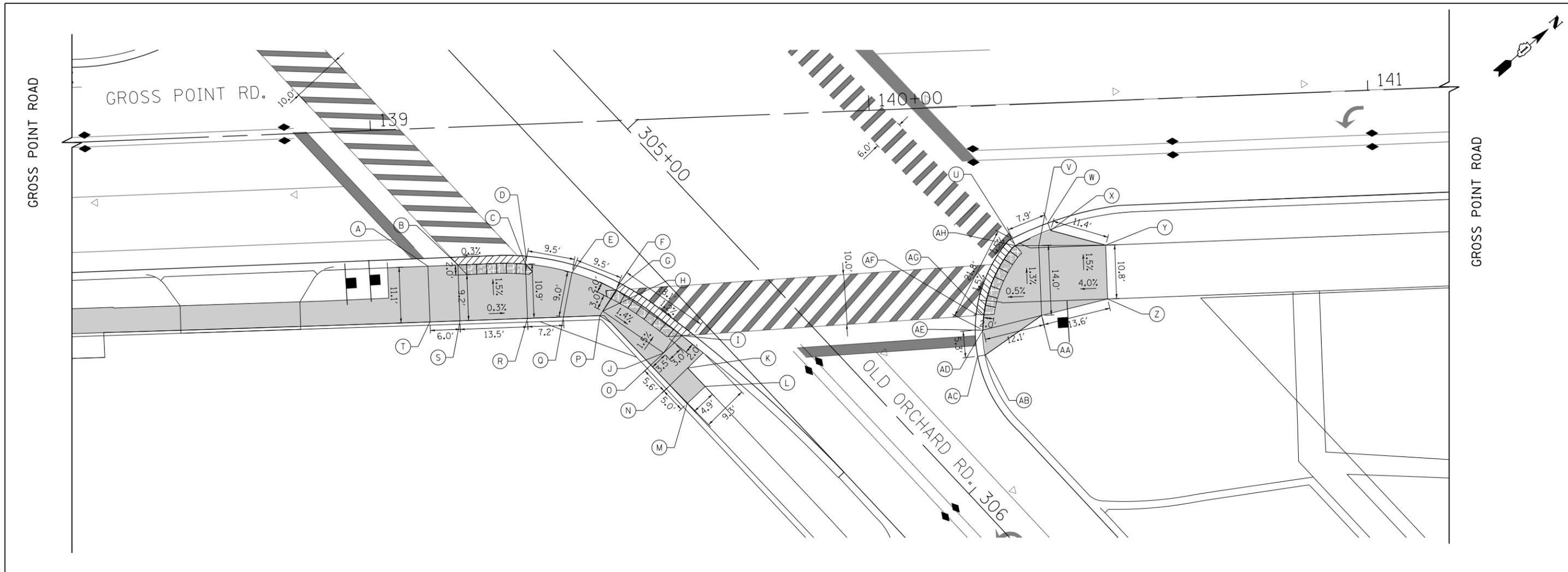
STATION	OFFSET	ELEVATION
R	139+39.7	46.4' LT 637.04
S	139+35.9	53.1' LT 637.47
T	139+39.5	56.4' LT 637.47
U	139+43.0	50.0' LT 637.11
V	139+44.7	51.8' LT 637.14
W	139+48.9	44.8' LT 637.05
X	139+50.7	47.1' LT 637.10
Y	139+56.2	42.9' LT 637.38
Z	139+68.7	39.7' LT 637.27
AA	139+74.4	39.8' LT 636.97
AB	139+72.0	32.6' LT 636.85

STATION	OFFSET	ELEVATION
AC	139+84.2	39.9' LT 636.93
AD	139+89.3	40.0' LT 637.11
AE	139+82.0	29.8' LT 636.78
AF	139+86.9	23.9' LT 636.70
AG	139+81.0	24.9' LT 636.71
AH	139+69.9	26.3' LT 636.79
AI	139+70.4	27.8' LT 636.78
AJ	139+64.8	29.9' LT 637.27
AK	139+51.4	36.8' LT 636.94
AL	139+45.8	40.9' LT 636.98
AM	139+44.8	39.7' LT 636.99

LEGEND

(%) EXISTING SLOPE	PROPOSED SIDEWALK ADA DEPRESSED CURB AND GUTTER DETECTABLE WARNINGS	
(XX.XX') EXISTING LENGTH/ELEVATION		





	STATION	OFFSET	ELEVATION
A	139+10.5	27.6' RT	636.74
B	139+16.5	27.6' RT	636.75
C	139+30.0	27.9' RT	636.71
D	139+30.2	26.4' RT	636.72
E	139+39.2	30.0' RT	637.03
F	139+48.7	32.5' RT	636.47
G	139+47.9	33.9' RT	636.46
H	139+45.1	38.0' RT	636.54
I	139+60.7	43.5' RT	636.26
J	139+56.9	46.8' RT	636.33

	STATION	OFFSET	ELEVATION
K	139+61.6	50.0' RT	636.70
L	139+65.0	53.9' RT	(636.78)
M	139+61.2	57.1' RT	(636.81)
N	139+57.9	53.3' RT	636.64
O	139+54.3	49.1' RT	636.39
P	139+44.4	38.9' RT	636.55
Q	139+37.2	38.8' RT	637.03
R	139+30.0	38.8' RT	636.87
S	139+16.4	38.7' RT	636.91
T	139+10.4	38.7' RT	637.18

	STATION	OFFSET	ELEVATION
U	140+27.6	26.8' RT	636.44
V	140+32.9	28.4' RT	636.46
W	140+34.9	23.9' RT	636.54
X	140+35.4	25.4' RT	636.98
Y	140+46.3	28.8' RT	637.00
Z	140+46.2	39.6' RT	637.18
AA	140+32.9	42.4' RT	636.64
AB	140+21.3	49.8' RT	636.47
AC	140+19.8	50.0' RT	636.03
AD	140+21.1	44.8' RT	636.58
AE	140+19.5	44.8' RT	636.14
AF	140+19.8	41.6' RT	636.18
AG	140+21.4	41.8' RT	636.18
AH	140+28.2	28.2' RT	636.43

LEGEND

(%) EXISTING SLOPE

(XX.XX') EXISTING LENGTH/ELEVATION

PROPOSED SIDEWALK

ADA DEPRESSED CURB AND GUTTER

DETECTABLE WARNINGS



SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	EXISTING STATION	EXISTING OFFSET	EXISTING WIDTH (IN)	EXISTING HEIGHT (IN)	REMOVE SIGN PANEL ASSEMBLY		REMOVE SIGN PANEL		RELOCATE SIGN PANEL ASSEMBLY	
									TYPE A (EA)	TYPE B (EA)	TYPE 1 (SF)	TYPE 2 (SF)	TYPE A (EA)	TYPE B (EA)
E1-1	R7-1	NO PARKING ANY TIME	MOUNTED ON LIGHT POLE	SIGN TO REMAIN	106+92	22' RT	12	18						
E1-2	R7-1	NO PARKING ANY TIME	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	108+63	23' RT	12	18			1.5			
E1-3	R1-1	STOP SIGN	POST MOUNTED (GROUND)	SIGN TO REMAIN	110+13	44' LT	30	30						
E1-4	R7-1	NO PARKING ANY TIME	MOUNTED ON LIGHT POLE	SIGN TO REMAIN	110+35	25' RT	12	18						
E1-5	D3-1	SNS: GROSS POINT RD	MOUNTED ON LIGHT POLE	SIGN TO REMAIN	110+35	25' RT								
E1-6	D3-1	SNS: PAYNE ST	MOUNTED ON LIGHT POLE	SIGN TO REMAIN	110+35	25' RT								
E1-7	R6-2R	ONE WAY (RIGHT)	POST MOUNTED (GROUND)	SIGN TO REMAIN	110+77	43' LT	18	24						
E1-8	R6-2L	ONE WAY (LEFT)	POST MOUNTED (GROUND)	SIGN TO REMAIN	110+77	43' LT	18	24						
E1-9	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	110+90	31' LT	24	30	1					
SUBTOTAL:									1	0	2	0	0	0
SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	EXISTING STATION	EXISTING OFFSET	EXISTING WIDTH (IN)	EXISTING HEIGHT (IN)	REMOVE SIGN PANEL ASSEMBLY		REMOVE SIGN PANEL		RELOCATE SIGN PANEL ASSEMBLY	
									TYPE A (EA)	TYPE B (EA)	TYPE 1 (SF)	TYPE 2 (SF)	TYPE A (EA)	TYPE B (EA)
E2-1	R7-1	NO PARKING ANY TIME	MOUNTED ON LIGHT POLE	TO BE REMOVED & REPLACED	112+23	22' RT	12	18			1.5			
E2-2	R7-1	NO PARKING ANY TIME	MOUNTED ON POWER POLE	TO BE REMOVED & REPLACED	116+00	26' LT	12	18			1.5			
E2-3	D3-1	SNS: LOWELL AVE	POST MOUNTED (GROUND)	TO BE RELOCATED	118+01	27' RT	30	8					1	
E2-4	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	TO BE RELOCATED	118+01	27' RT	36	8					*	
E2-5	R1-1	STOP SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	118+75	35' RT	30	30	1					
E2-6	D3-1	SNS: LOWELL AVE	POST MOUNTED (GROUND)	TO BE RELOCATED	119+08	23' LT	30	8					1	
E2-7	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	TO BE RELOCATED	119+08	23' LT	36	8					*	
E2-8	R2-1	SPEED LIMIT 35	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	120+58	20' LT	30	36	1					
E2-9	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE REMOVED	120+78	26' RT	12	18	1					
E2-10	D3-1	SNS: GRANT ST	POST MOUNTED (GROUND)	TO BE RELOCATED	121+05	27' RT	30	8					1	
E2-11	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	TO BE RELOCATED	121+05	27' RT	36	8					*	
E2-12	D3-1	SNS: GRANT ST	POST MOUNTED (GROUND)	TO BE RELOCATED	121+69	21' LT	30	8					1	
E2-13	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	TO BE RELOCATED	121+69	21' LT	36	8					*	
E2-14	R1-1	STOP SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	121+83	37' RT	30	30	1					
E2-15	M4-6	END	POST MOUNTED (GROUND)	TO BE REMOVED	122+00	54' RT	12	6	1					
E2-16	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	TO BE REMOVED	122+00	54' RT	18	24	1					
E2-17	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	SIGN TO REMAIN	122+00	54' RT	12	18						
E2-18	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	122+77	22' LT	12	18	1					
SUBTOTAL:									7	0	3	0	4	0
SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	EXISTING STATION	EXISTING OFFSET	EXISTING WIDTH (IN)	EXISTING HEIGHT (IN)	REMOVE SIGN PANEL ASSEMBLY		REMOVE SIGN PANEL		RELOCATE SIGN PANEL ASSEMBLY	
									TYPE A (EA)	TYPE B (EA)	TYPE 1 (SF)	TYPE 2 (SF)	TYPE A (EA)	TYPE B (EA)
E3-1	R2-1	SPEED LIMIT 35	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	123+30	18' RT	30	36	1					
E3-2	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE REMOVED	123+86	22' RT	12	18	1					
E3-3	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	SIGN TO REMAIN	124+96	22' RT	12	18						
E3-4	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	SIGN TO REMAIN	125+75	20' RT	12	18						
E3-5	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE REMOVED	127+48	19' RT	12	18	1					
E3-6	R1-1	STOP SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	128+30	30' RT	30	30	1					
E3-7	R7-1	NO PARKING ANY TIME	MOUNTED ON POWER POLE	SIGN TO REMAIN	129+51	34' LT	12	18						
E3-8	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE REMOVED	129+90	19' RT	12	18	1					
E3-9	R7-1	NO PARKING ANY TIME	MOUNTED ON POWER POLE	SIGN TO REMAIN	130+84	33' LT	12	18						
E3-10	D3-1	SNS: KEELER AVE	POST MOUNTED (GROUND)	SIGN TO REMAIN	132+01	26' RT		8						
E3-11	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	SIGN TO REMAIN	132+01	26' RT		8						
E3-12	D3-1	SNS: COLFAX (OLD FASHIONED LOOKING)	POST MOUNTED (GROUND)	SIGN TO REMAIN	132+01	26' RT		6						
E3-13	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	SIGN TO REMAIN	132+01	26' RT	12	18						
E3-14	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	132+03	62' RT	12	18	1					
E3-15	R7-1	NO PARKING HERE TO CORNER	POST MOUNTED (GROUND)	SIGN TO REMAIN	132+45	68' RT	12	18						
E3-16	R1-1	STOP SIGN	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	132+70	44' RT	30	30	1					
E3-17	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	TO BE RELOCATED	133+01	24' LT	36	8					1	
E3-18	D3-1	SNS: KEELER AVE	POST MOUNTED (GROUND)	TO BE RELOCATED	133+01	24' LT	36	8					*	
E3-19	R7-1	NO PARKING ANY TIME	MOUNTED ON POWER POLE	TO BE REMOVED & REPLACED	133+34	26' LT	12	18			1.5			
SUBTOTAL:									7	0	2	0	1	0
SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	EXISTING STATION	EXISTING OFFSET	EXISTING WIDTH (IN)	EXISTING HEIGHT (IN)	REMOVE SIGN PANEL ASSEMBLY		REMOVE SIGN PANEL		RELOCATE SIGN PANEL ASSEMBLY	
									TYPE A (EA)	TYPE B (EA)	TYPE 1 (SF)	TYPE 2 (SF)	TYPE A (EA)	TYPE B (EA)
E4-1	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	134+62	30' LT	12	18	1					
E4-2	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	SIGN TO REMAIN	134+90	27' RT	12	18						
E4-3	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	135+22	26' RT	12	18	1					
E4-4	D3-1	SNS: KEDVALE AVE	POST MOUNTED (GROUND)	TO BE RELOCATED	136+28	41' RT	36	8					1	
E4-5	R1-1	STOP SIGN	POST MOUNTED (GROUND)	TO BE RELOCATED	136+28	41' RT	30	30					*	
E4-6	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	TO BE RELOCATED	136+28	25' LT	36	8					1	
E4-7	D3-1	SNS: KEDVALE AVE	POST MOUNTED (GROUND)	TO BE RELOCATED	136+28	25' LT	36	8					*	
E4-8	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE RELOCATED	136+28	25' LT	12	18					*	
E4-9	W4-2	MERGE LEFT	POST MOUNTED (GROUND)	TO BE REMOVED	136+61	25' LT	48	48		1				
E4-10	R6-2R	ONE WAY	MOUNTED ON POWER POLE	TO BE REMOVED & REPLACED	136+84	27' RT	18	24			3.0			
E4-11	R7-1	NO PARKING ANY TIME	MOUNTED ON POWER POLE	TO BE REMOVED & REPLACED	136+84	27' RT	12	18			1.5			
E4-12	R6-2R	ONE WAY	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	136+89	26' RT	18	24	1					
E4-13		SNOW CONTROL	POST MOUNTED (GROUND)	TO BE RELOCATED	137+14	26' LT	30	30						1
E4-14		TUNE TO 1660 AM	POST MOUNTED (GROUND)	TO BE RELOCATED	137+14	26' LT	24	24						**
E4-15	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	TO BE REMOVED & REPLACED	137+85	28' RT	12	18	1					
E4-16		VILLAGE OF SKOKIE SIGN	POST MOUNTED (GROUND)	TO BE RELOCATED	137+85	28' LT		60'						1
E4-17	R3-8	ADVANCE LANE USE SIGN: LEFT ONLY/THRU-RIGHT	MOUNTED ON POWER POLE	TO BE REMOVED & REPLACED	138+25	26' RT	30	30			6.3			
E4-18		MAST ARM SNS: HARRISON ST/OLD ORCHARD RD	MOUNTED ON TRAFFIC SIGNAL MAST ARM	TO BE REMOVED & REPLACED	138+63	30' LT	72	30				15.0		
E4-19	R2-1	SPEED LIMIT 35	MOUNTED ON TRAFFIC SIGNAL POST	TO BE REMOVED & REPLACED	138+63	30' LT	30	36			7.5			
E4-20	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL POST	TO BE REMOVED	138+76	46' LT	30	30			6.3			
E4-21	R2-1	SPEED LIMIT 35	MOUNTED ON LIGHT POLE	SIGN TO REMAIN	139+04	90' LT	24	36						
E4-22	R7-1	NO PARKING ANY TIME	MOUNTED ON LIGHT POLE	SIGN TO REMAIN	139+04	90' LT	12	18						
E4-23	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL POST	TO BE REMOVED	139+15	28' RT	30	30			6.3			
E4-24		MAST ARM SNS: GROSS POINT ROAD	MOUNTED ON TRAFFIC SIGNAL MAST ARM	TO BE REMOVED & REPLACED	139+45	46' LT	54	30				11.3		
E4-25		MAST ARM SNS: GROSS POINT ROAD	MOUNTED ON TRAFFIC SIGNAL MAST ARM	TO BE REMOVED & REPLACED	139+57	46' RT	54	30				11.3		
E4-26	R12-1	GROSS WEIGHT LIMIT 4 TONS	MOUNTED ON TRAFFIC SIGNAL POST	TO BE REMOVED & REPLACED	139+57	46' RT	24	30			5.0			
E4-27	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL POST	TO BE REMOVED	139+75	29' LT	30	30			6.3			
E4-28	R1-1	STOP SIGN (FOLDED)	MOUNTED ON TRAFFIC SIGNAL POST	TO BE REMOVED	140+26	42' RT	30	30			6.3			
E4-29		MAST ARM SNS: HARRISON ST/OLD ORCHARD RD	MOUNTED ON TRAFFIC SIGNAL MAST ARM	TO BE REMOVED & REPLACED	140+36	31' RT	72	30				15.0		
E4-30		WELCOME CITY OF EVANSTON SIGN	POST MOUNTED (GROUND)	SIGN TO REMAIN	140+62	26' RT								
SUBTOTAL:									4	1	48	53	2	2
TOTAL:									19	1	54	53	7	2

NOTES:
 * THIS SIGN SHARES A POST WITH THE SIGN ABOVE IT.

SHEET 84
TOP PANEL



R3-17
24" X 18"



R3-17aP
24" X 8"



R3-17
24" X 18"



R3-17bP
24" X 8"



R7-1
12" X 18"



R3-5R
24" X 30"

SHEET 84
BOTTOM PANEL



R7-1
12" X 18"



R4-4
36" X 30"



R3-17
24" X 18"



R3-17bP
24" X 8"



R3-17aP
24" X 8"



R7-1
12" X 18"



R1-1
30" X 30"



R2-1
30" X 36"



R1-1
30" X 30"



R7-1
12" X 18"

SHEET 85
TOP PANEL



R2-1
30" X 36"



R1-1
30" X 30"



R7-1
12" X 18"



R1-1
30" X 30"



R7-1
12" X 18"

SHEET 85
BOTTOM PANEL



R7-1
12" X 18"



R7-1
12" X 18"



R6-2R
18" X 24"



R7-1
12" X 18"



R6-2R
18" X 24"



R3-17
24" X 18"



R3-17bP
24" X 8"



R7-1
12" X 18"



R9-5
12" X 18"



R9-5
12" X 18"



R3-8
30" X 30"



R9-5
12" X 18"



R3-17
24" X 18"



R3-17aP
24" X 8"



R2-1
30" X 36"



R12-1
24" X 30"



R3-5R
24" X 30"



R3-7R
30" X 30"

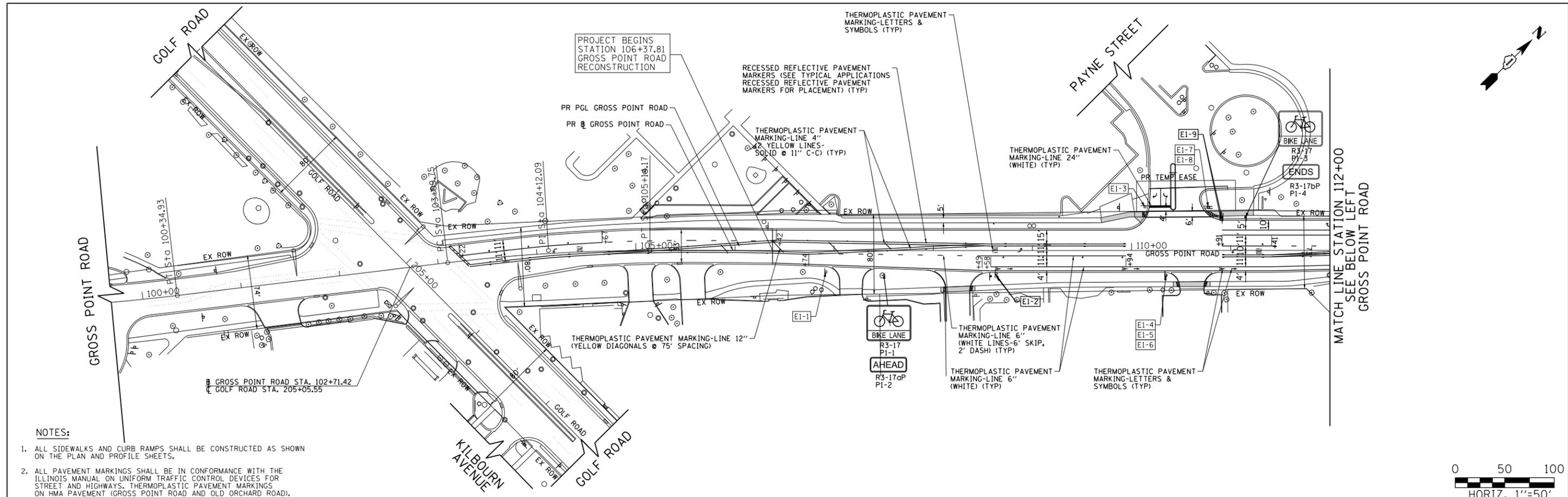
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	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
PROPOSED SIGN LEGEND

SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	83
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



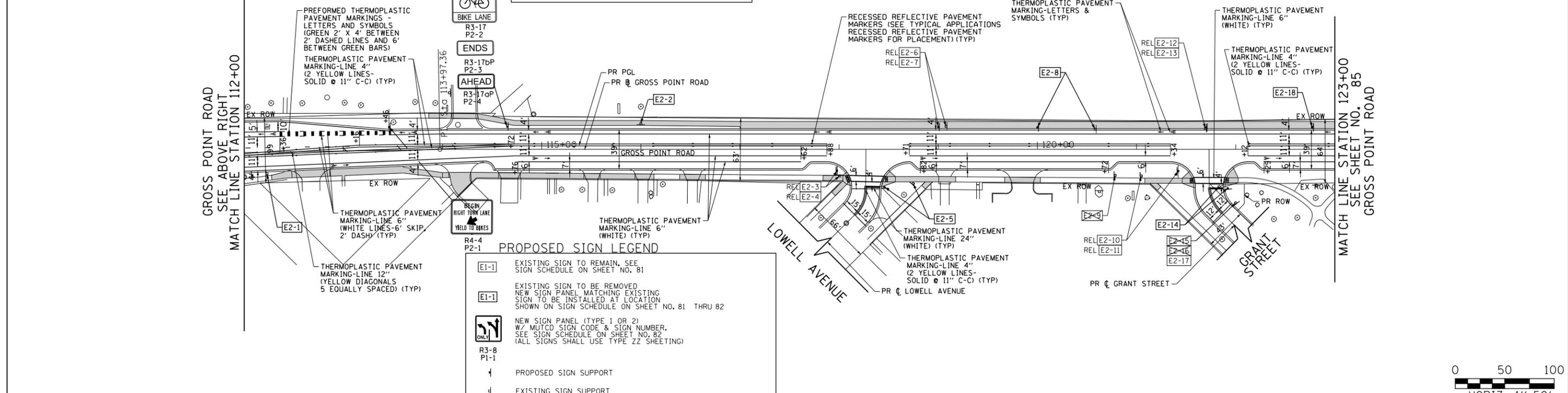
NOTES:

1. ALL SIDEWALKS AND CURB RAMPS SHALL BE CONSTRUCTED AS SHOWN ON THE PLAN AND PROFILE SHEETS.
2. ALL PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS. THERMOPLASTIC PAVEMENT MARKINGS ON HMA PAVEMENT (GROSS POINT ROAD AND OLD ORCHARD ROAD).
3. DIMENSIONS TO PAVEMENT MARKINGS SHALL BE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF THE GAP FOR DOUBLE LINES UNLESS OTHERWISE INDICATED.
4. TURN LANE MARKINGS (ARROW AND "ONLY") TO BE INSTALLED AS SHOWN ON DISTRICT ONE TYPICAL PAVEMENT MARKING DETAILS.
5. MEDIAN DIAGONAL LINE PAVEMENT MARKINGS TO BE INSTALLED AS SHOWN ON DISTRICT ONE TYPICAL PAVEMENT MARKING DETAILS.
6. SEE TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKERS FOR PLACEMENT OF MARKERS. RECESSED PAVEMENT MARKERS SHALL BE USED.



EXISTING SIGN LEGEND

	EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE ON SHEET NO. 81
	EXISTING SIGN TO BE RELOCATED, SEE SIGN SCHEDULE ON SHEET NO. 81
	EXISTING SIGN SUPPORT



PROPOSED SIGN LEGEND

	EXISTING SIGN TO REMAIN, SEE SIGN SCHEDULE ON SHEET NO. 81
	EXISTING SIGN TO BE REMOVED, NEW SIGN PANEL MATCHING EXISTING SIGN TO BE INSTALLED AT LOCATION SHOWN ON SIGN SCHEDULE ON SHEET NO. 81 THRU 82
	NEW SIGN PANEL (TYPE 1 OR 2) W/ MUTCD SIGN CODE & SIGN NUMBER. SEE SIGN SCHEDULE ON SHEET NO. 82 (ALL SIGNS SHALL USE TYPE ZZ SHEETING)
	PROPOSED SIGN SUPPORT
	EXISTING SIGN SUPPORT



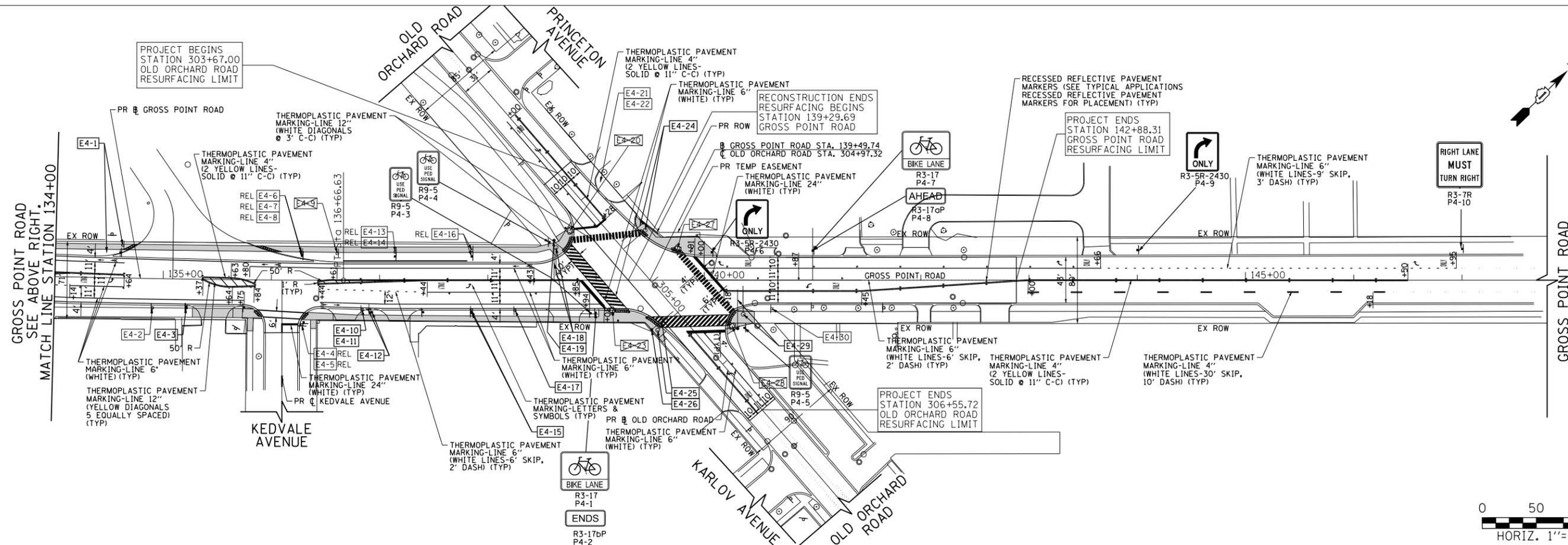
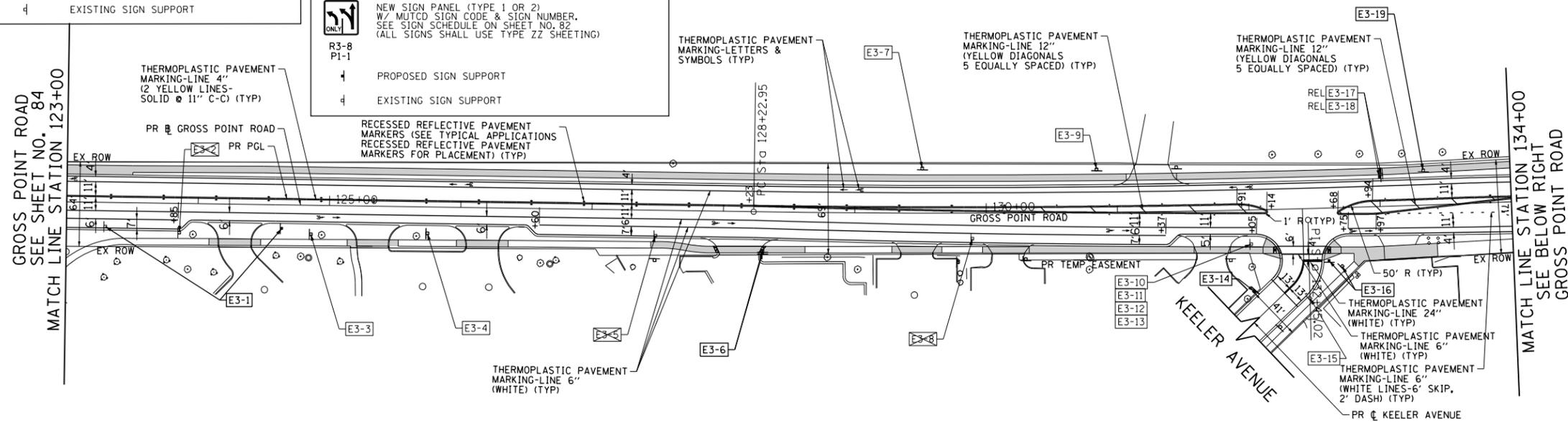
FILE NAME = Invalid expression	USER NAME = CECComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD PAVEMENT MARKING AND SIGNING PLAN	F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 84		
Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -			SCALE: 1"=50'	SHEET 4 OF 5 SHEETS	STA. 106+37.81	TO STA. 123+00.00	CONTRACT NO. 61H23		
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -			ILLINOIS FED. AID PROJECT						

EXISTING SIGN LEGEND

	EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE ON SHEET NO. 81
	EXISTING SIGN TO BE RELOCATED, SEE SIGN SCHEDULE ON SHEET NO. 81
	EXISTING SIGN SUPPORT

PROPOSED SIGN LEGEND

	EXISTING SIGN TO REMAIN, SEE SIGN SCHEDULE ON SHEET NO. 81
	EXISTING SIGN TO BE REMOVED, NEW SIGN PANEL MATCHING EXISTING SIGN TO BE INSTALLED AT LOCATION SHOWN ON SIGN SCHEDULE ON SHEET NO. 81 THRU 82
	NEW SIGN PANEL (TYPE 1 OR 2) W/ MUTCD SIGN CODE & SIGN NUMBER. SEE SIGN SCHEDULE ON SHEET NO. 82 (ALL SIGNS SHALL USE TYPE ZZ SHEETING)
	PROPOSED SIGN SUPPORT
	EXISTING SIGN SUPPORT



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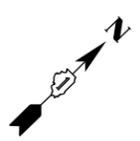
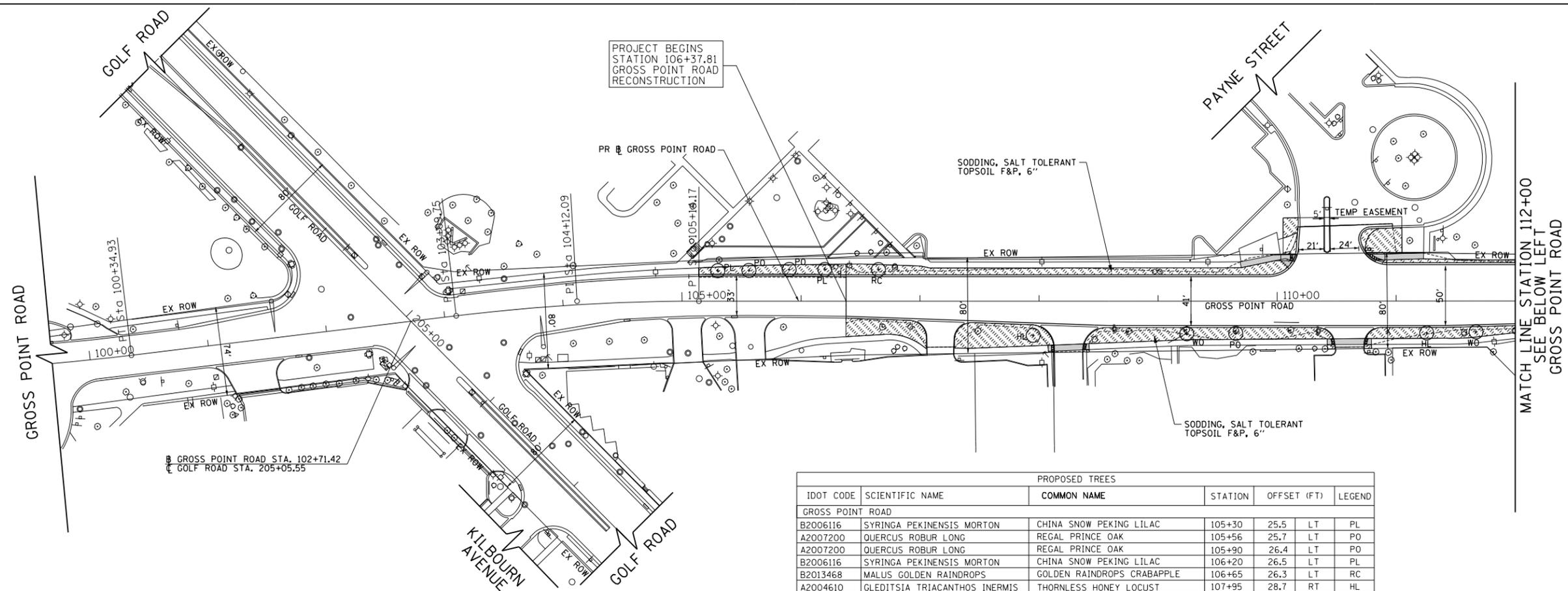
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PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
	DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
PAVEMENT MARKING AND SIGNING PLAN

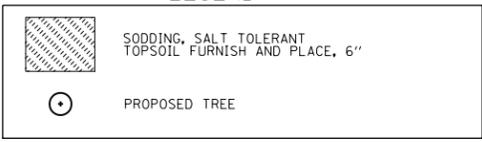
SCALE: 1"=50' SHEET 5 OF 5 SHEETS STA. 123+00.00 TO STA. 145+20.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	85
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

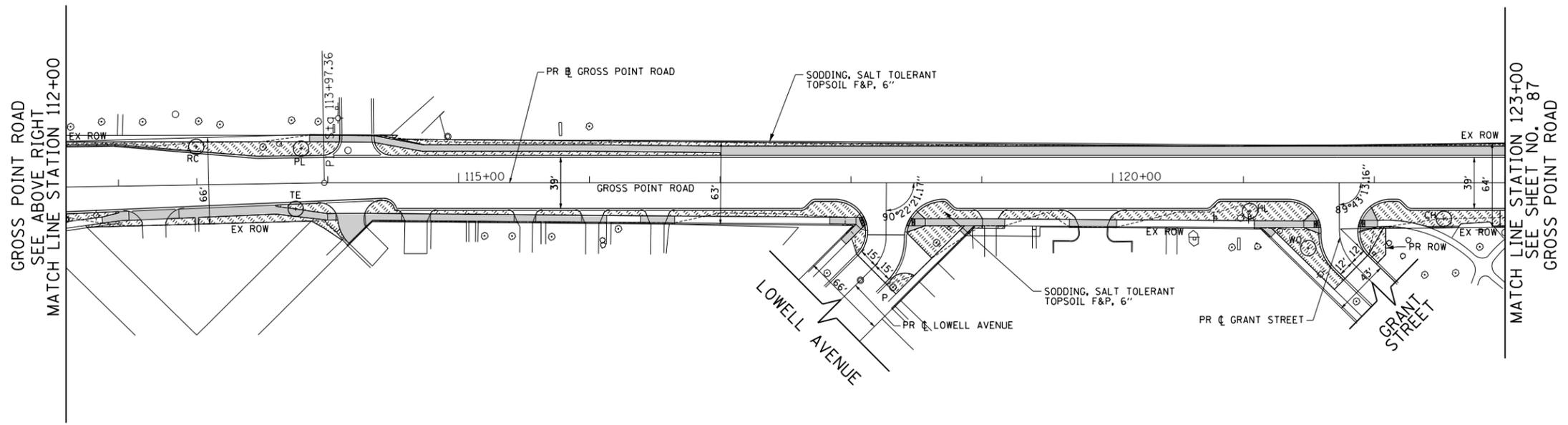


PROPOSED TREES						
IDOT CODE	SCIENTIFIC NAME	COMMON NAME	STATION	OFFSET (FT)	LEGEND	
GROSS POINT ROAD						
B2006116	SYRINGA PEKINENSIS MORTON	CHINA SNOW PEKING LILAC	105+30	25.5	LT	PL
A2007200	QUERCUS ROBUR LONG	REGAL PRINCE OAK	105+56	25.7	LT	PO
A2007200	QUERCUS ROBUR LONG	REGAL PRINCE OAK	105+90	26.4	LT	PO
B2006116	SYRINGA PEKINENSIS MORTON	CHINA SNOW PEKING LILAC	106+20	26.5	LT	PL
B2013468	MALUS GOLDEN RAINDROPS	GOLDEN RAINDROPS CRABAPPLE	106+65	26.3	LT	RC
A2004610	GLEDITSIA TRIACANTHOS INERMIS	THORNLESS HONEY LOCUST	107+95	28.7	RT	HL
A2006516	QUERCUS BICOLOR	SWAMP WHITE OAK	108+59	28.5	RT	WO
A2007200	QUERCUS ROBUR LONG	REGAL PRINCE OAK	109+65	27.1	RT	PO
A2004610	GLEDITSIA TRIACANTHOS INERMIS	THORNLESS HONEY LOCUST	111+26	26.6	RT	HL
A2006516	QUERCUS BICOLOR	SWAMP WHITE OAK	111+67	25.8	RT	WO
B2013468	MALUS GOLDEN RAINDROPS	GOLDEN RAINDROPS CRABAPPLE	113+00	29.1	LT	RC
A2008519	ULMUS MORTON GLOSSY	TRIUMPH ELM	113+75	19.48	RT	TE
B2006116	SYRINGA PEKINENSIS MORTON	CHINA SNOW PEKING LILAC	113+80	26.5	LT	PL
A2004610	GLEDITSIA TRIACANTHOS INERMIS	THORNLESS HONEY LOCUST	121+05	21.5	RT	HL
A2006516	QUERCUS BICOLOR	SWAMP WHITE OAK	121+49	49.7	RT	WO
A2002917	CELTIS OCCIDENTALIS	ULTRA COMMON HACKBERRY	122+53	27.5	RT	CH

LEGEND



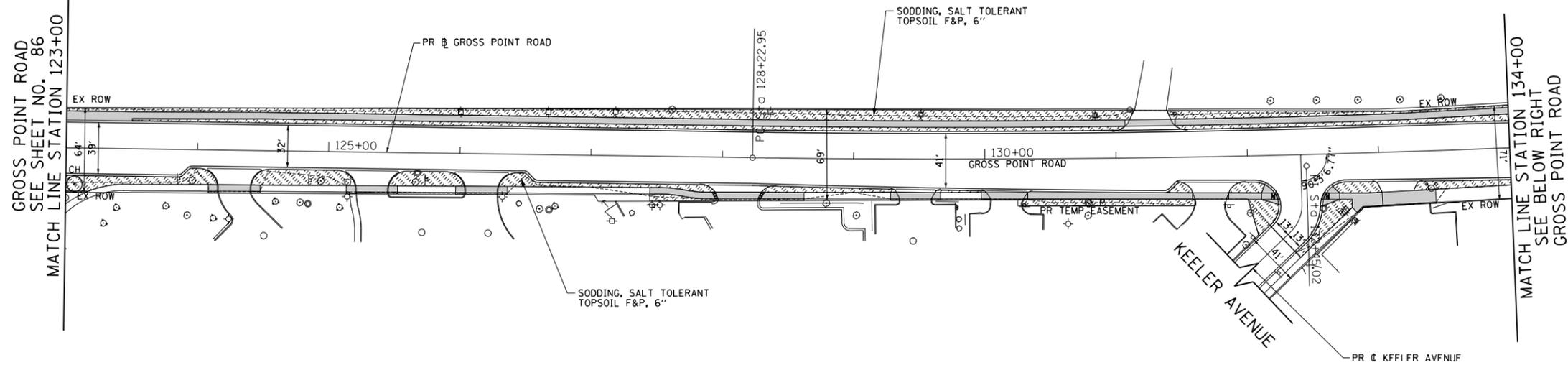
NOTE:
CONTRACTOR SHALL PROVIDE
A MINIMUM 5 FOOT DIAMETER
MULCH BED FOR ANY EXISTING
TREES TO REMAIN AND THE NEW TREES



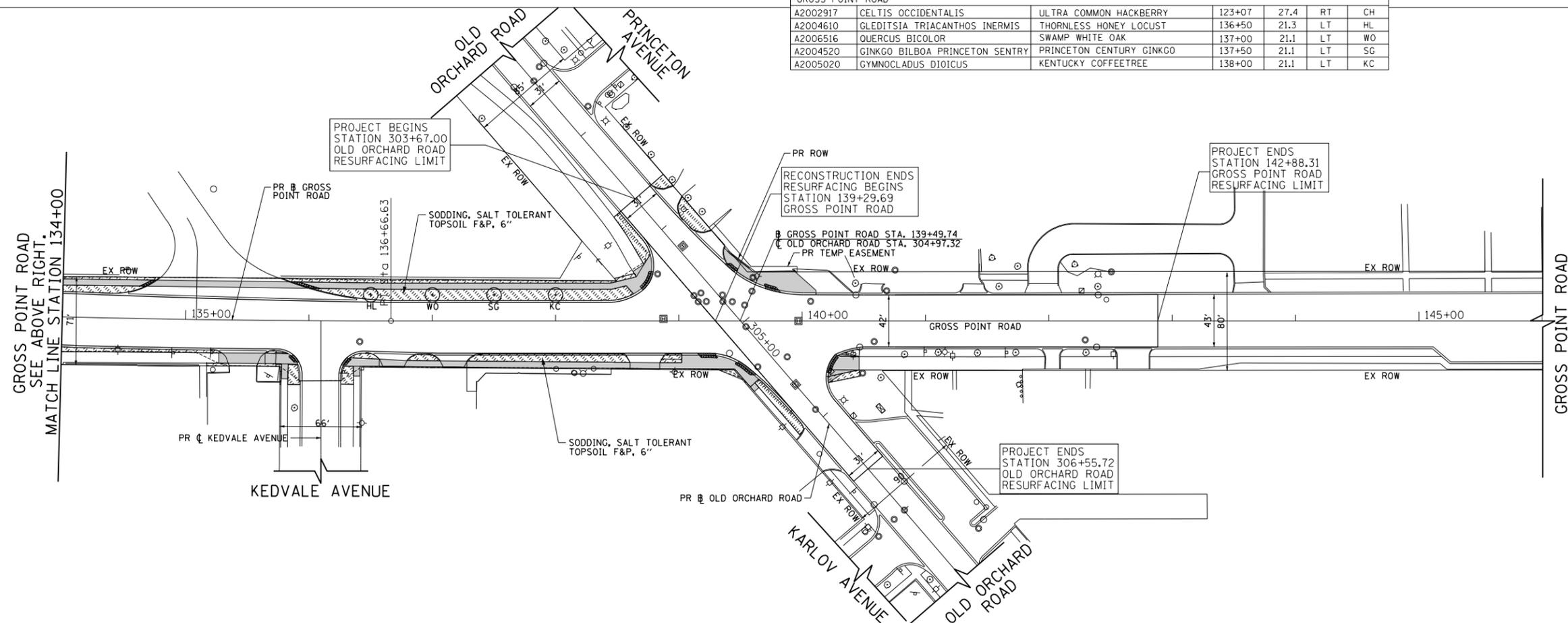
LEGEND

 SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 6"
 PROPOSED TREE

NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM 5 FOOT DIAMETER MULCH BED FOR ANY EXISTING TREES TO REMAIN AND THE NEW TREES



		PROPOSED TREES				
IDOT CODE	SCIENTIFIC NAME	COMMON NAME	STATION	OFFSET (FT)	LEGEND	
GROSS POINT ROAD						
A2002917	CELTIS OCCIDENTALIS	ULTRA COMMON HACKBERRY	123+07	27.4	RT CH	
A2004610	GLEDITSIA TRIACANTHOS INERMIS	THORNLESS HONEY LOCUST	136+50	21.3	LT HL	
A2006516	QUERCUS BICOLOR	SWAMP WHITE OAK	137+00	21.1	LT WO	
A2004520	GINKGO BILBOA PRINCETON SENTRY	PRINCETON CENTURY GINKGO	137+50	21.1	LT SG	
A2005020	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	138+00	21.1	LT KC	



FILE NAME = Invalid expression*	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Default	PLOT SCALE = 50 SCALE	DRAWN - MLB	REVISED -
	PLOT DATE = 5/18/2022	CHECKED - DWB	REVISED -
		DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
LANDSCAPING PLAN

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 123+00.00 TO STA. 145+20.00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	87
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

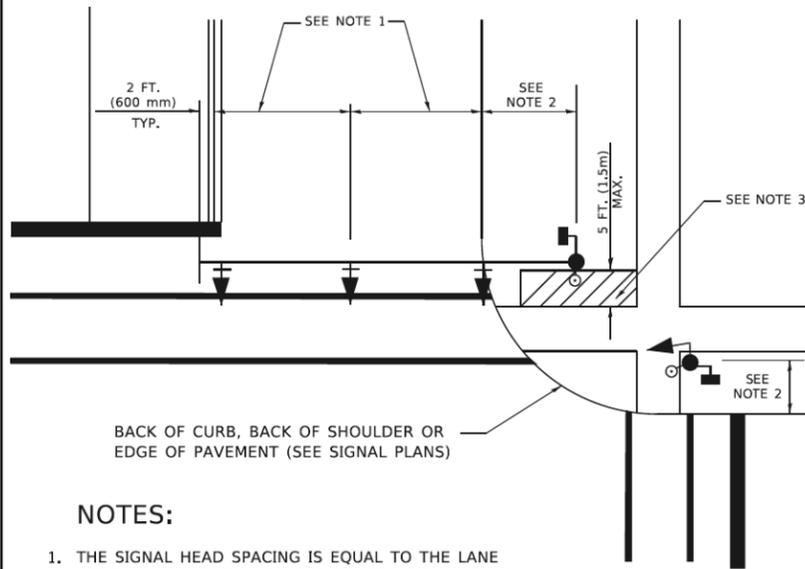
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PERFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

TS SHT NO. 1

FILE NAME = ts05.dgn	USER NAME = lgyso	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 88
Default	PLOT SCALE = 50,0000' / 1" /	CHECKED - LP	REVISED -	SCALE: NONE	SHEET 1 OF 18 SHEETS	TS-05		CONTRACT NO. 61H23		
	PLOT DATE = 9/29/2016	DATE - 9/29/2016	REVISED -	STA. TO STA.		ILLINOIS/FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

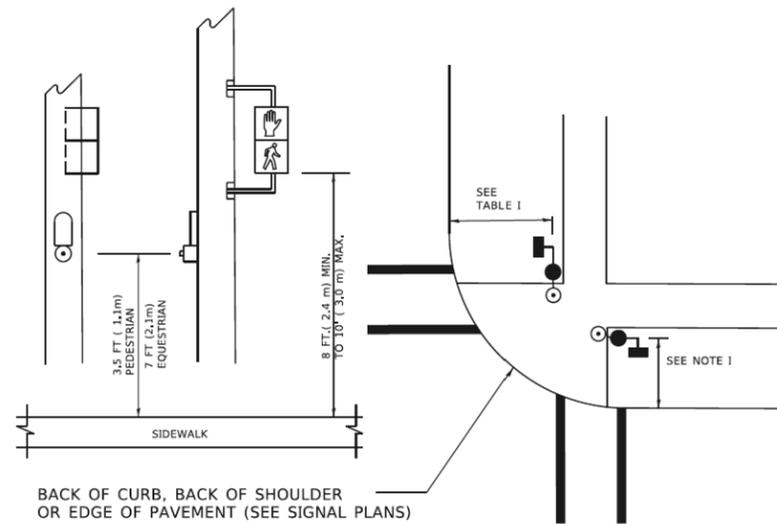
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

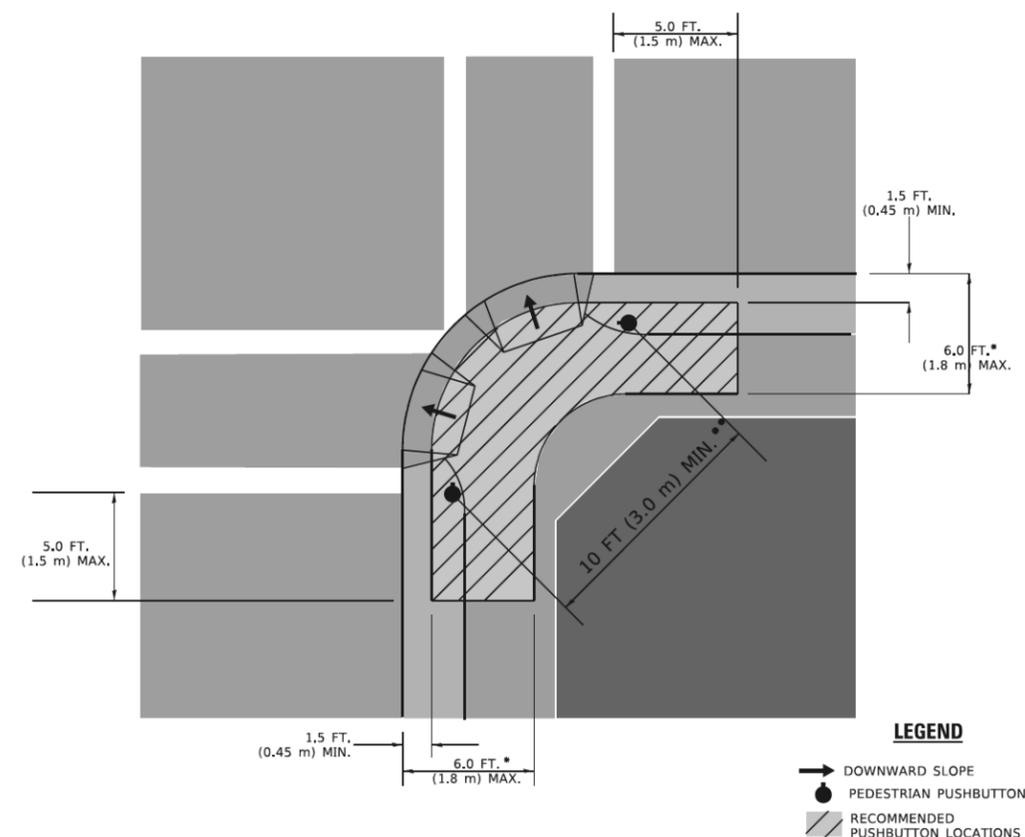
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

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

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

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

TS SHT NO. 3
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FILE NAME: ...

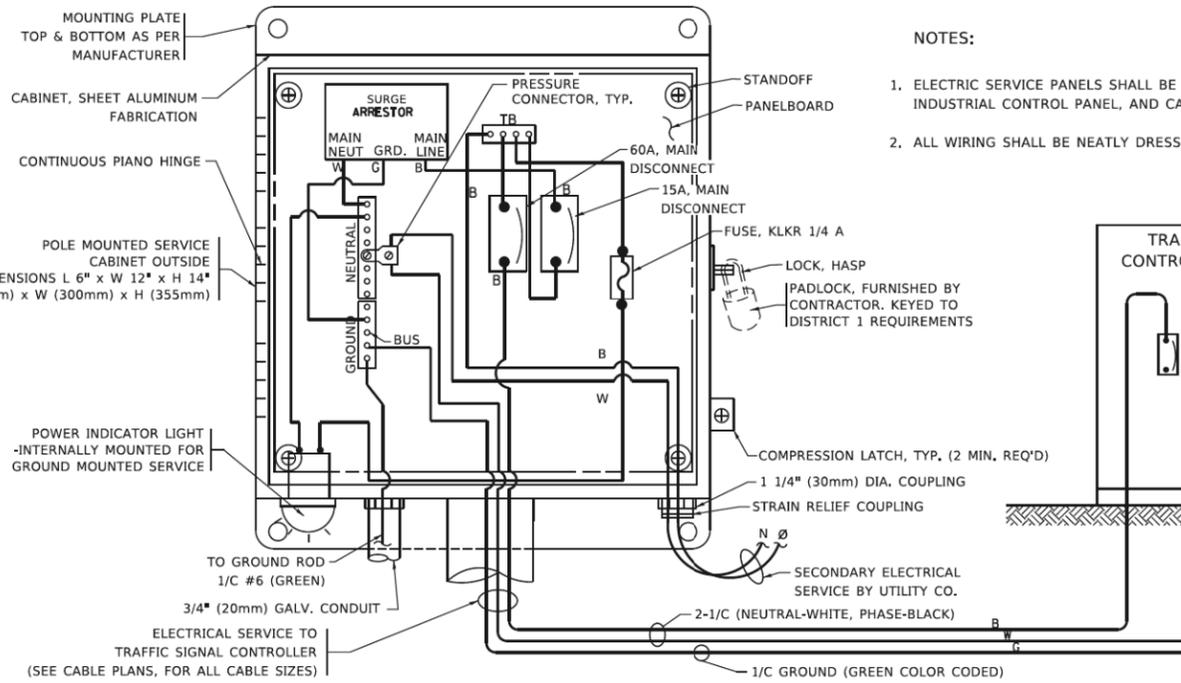
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DRAWN	CHECKED	REVISION
PLOT SCALE	DATE	REVISION
PLOT DATE		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

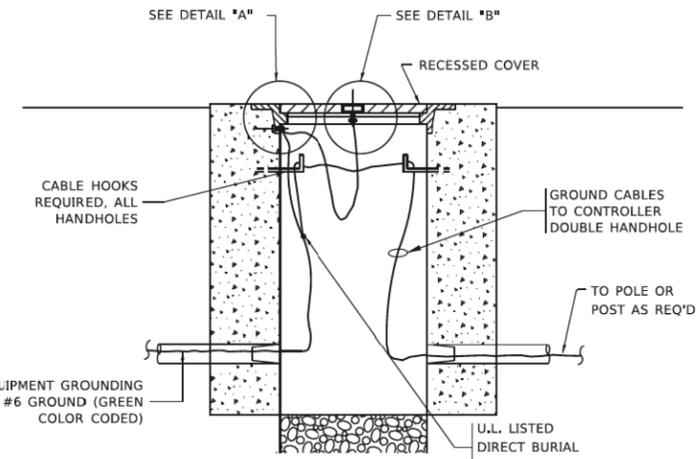
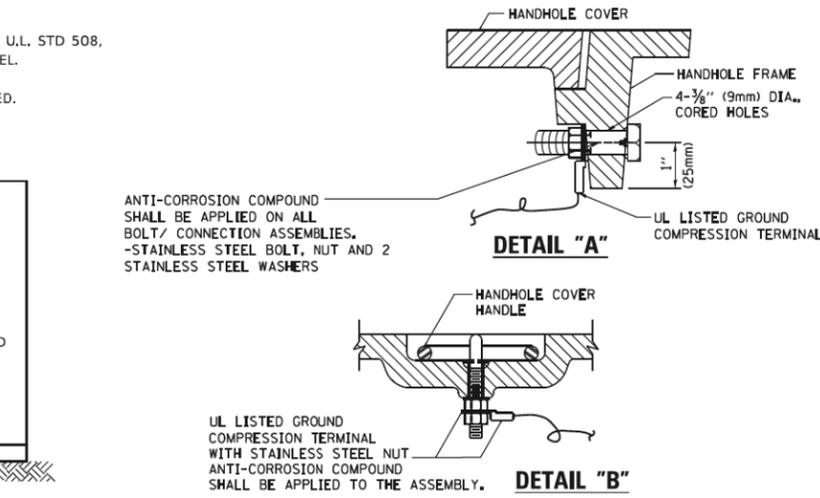
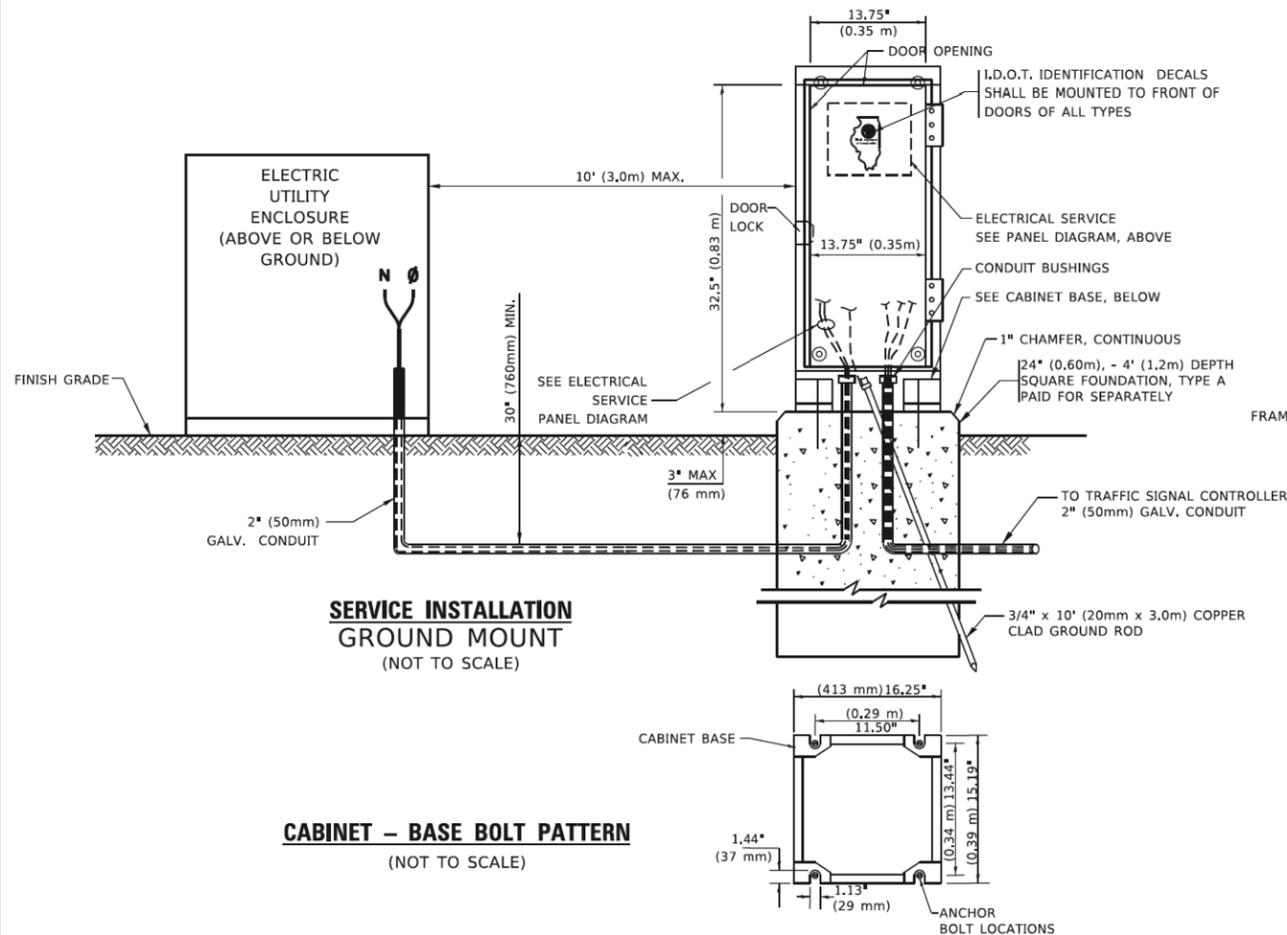
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 18 SHEETS STA. TO STA.

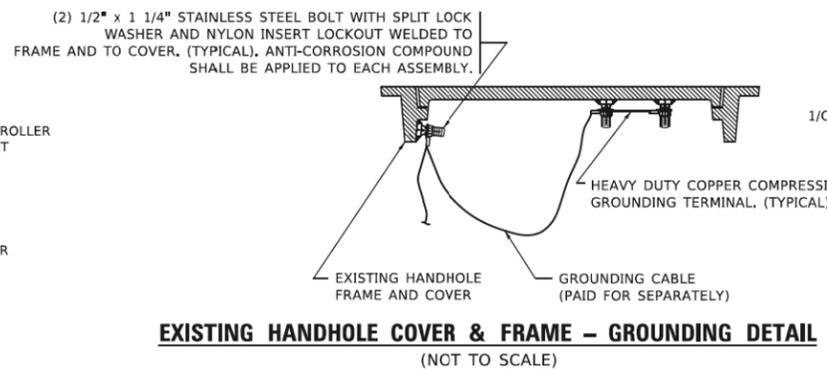
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	90
TS-05		CONTRACT NO. 61H23		
ILLINOIS FED. AID PROJECT				



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



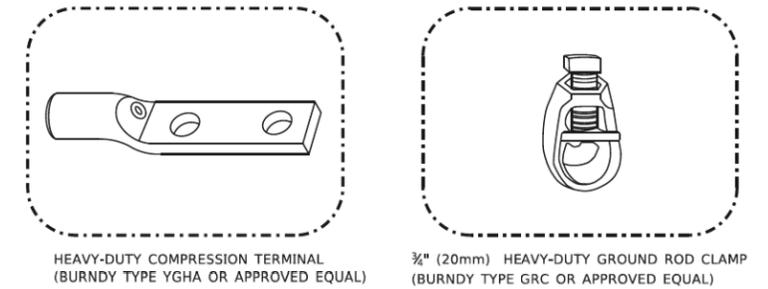
HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)



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

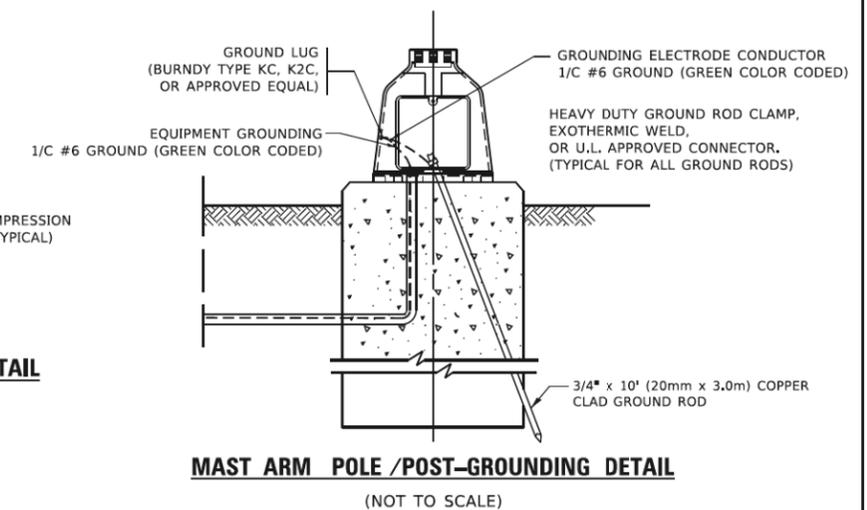
NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



NOTES:

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



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

TS SHT NO. 4
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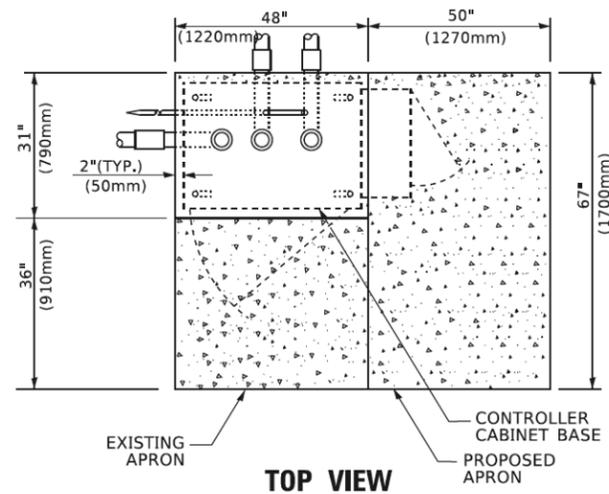
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

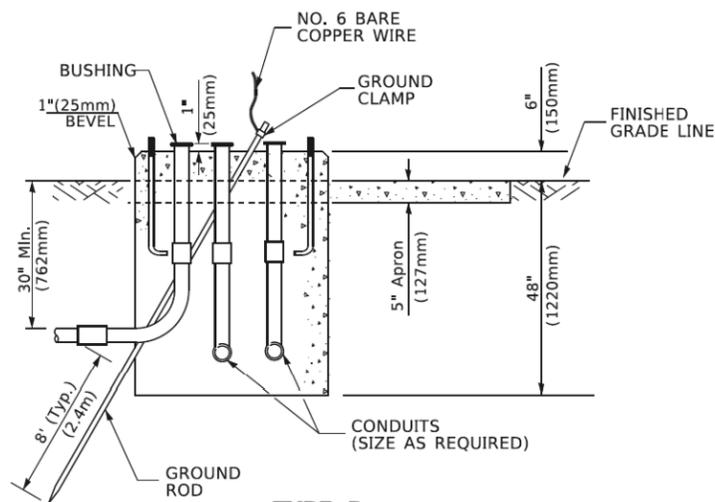
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 4 OF 18 SHEETS STA. TO STA.

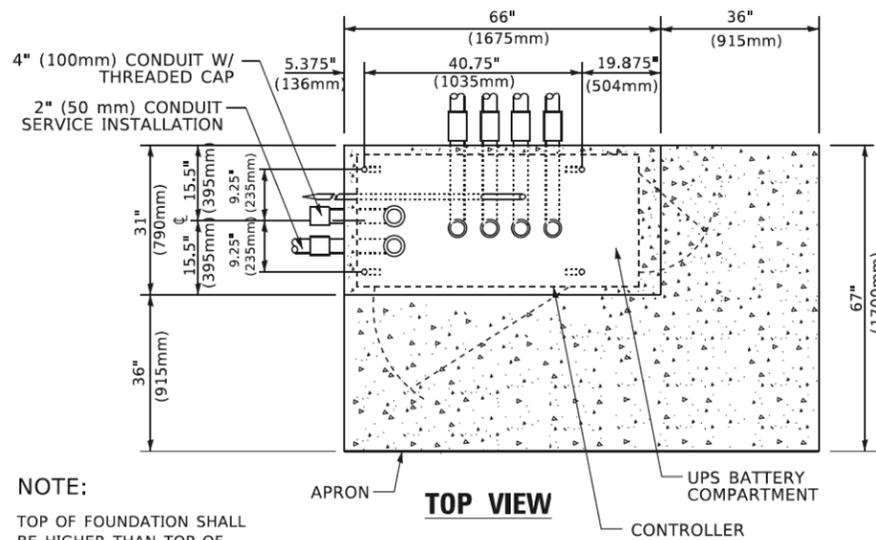
F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 91
TS-05		CONTRACT NO. 61H23		
ILLINOIS FED. AID PROJECT				



TOP VIEW

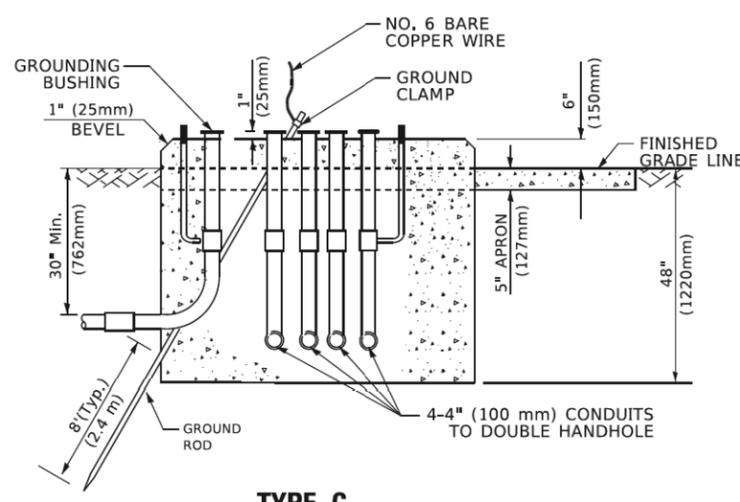


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

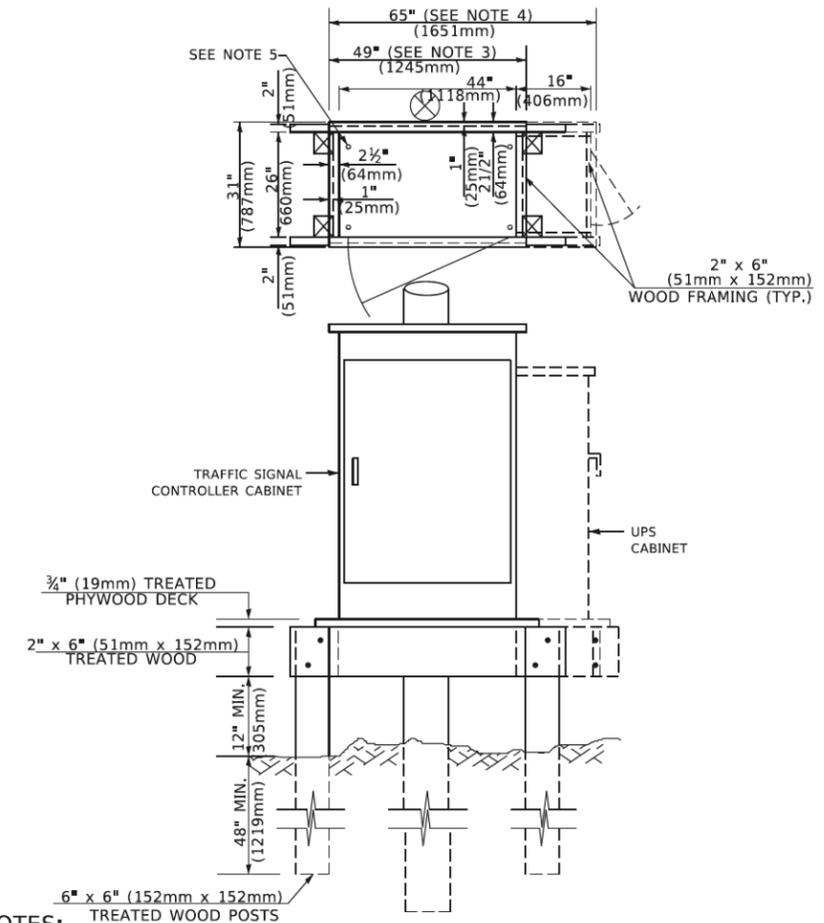


TOP VIEW

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



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



NOTES:

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

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

MAST ARM LENGTH	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

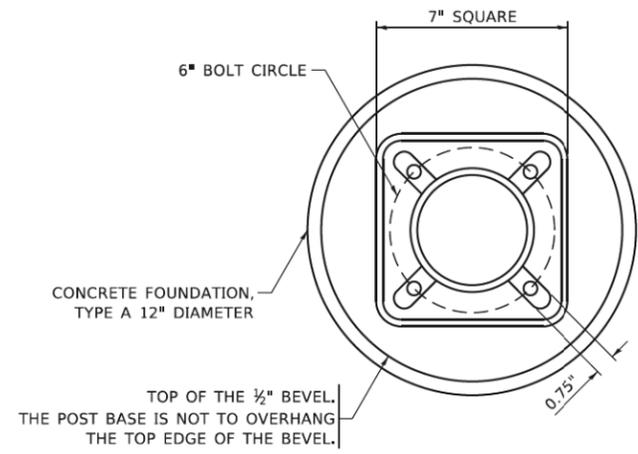
TS SHT NO. 5

USER NAME = [rootem]	DESIGNED -	REVISED -
PLOT SCALE = 50,0000' / 1in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

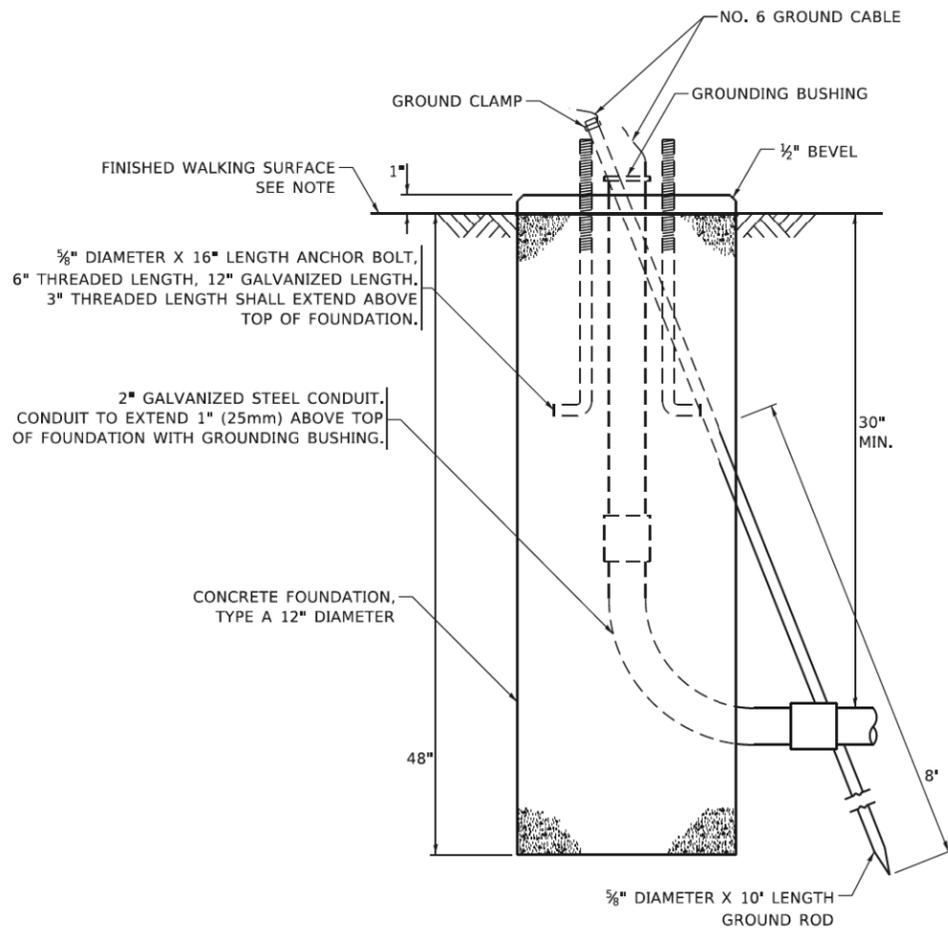
DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 5 OF 18 SHEETS STA. TO STA.

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 92
TS-05		CONTRACT NO. 61H23		
ILLINOIS FED. AID PROJECT				

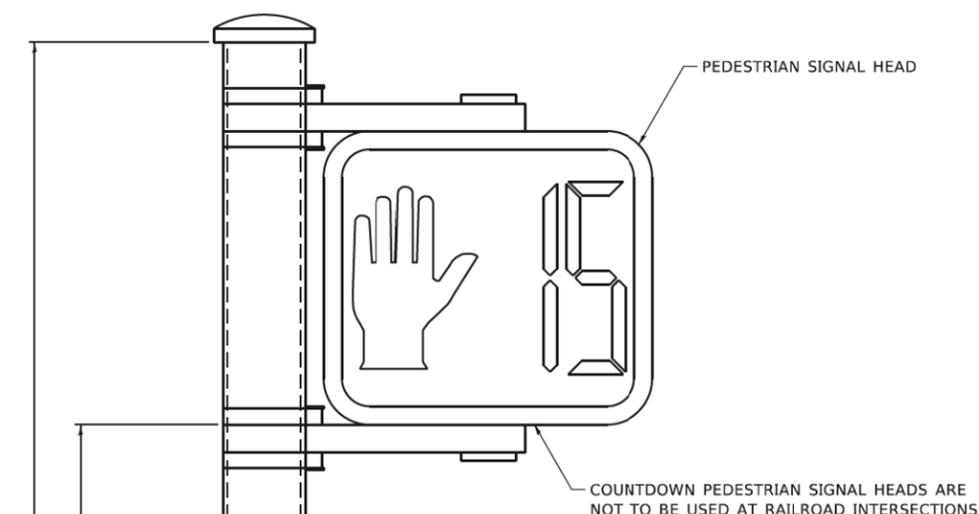


BOLT PATTERN

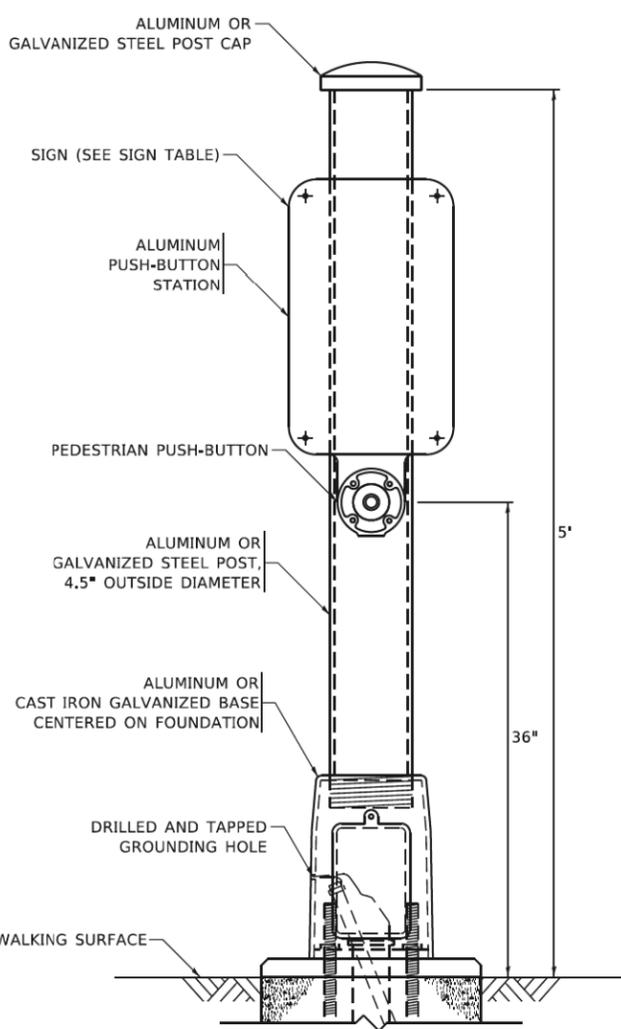
NOTE:
 1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

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

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

TS SHT NO. 7
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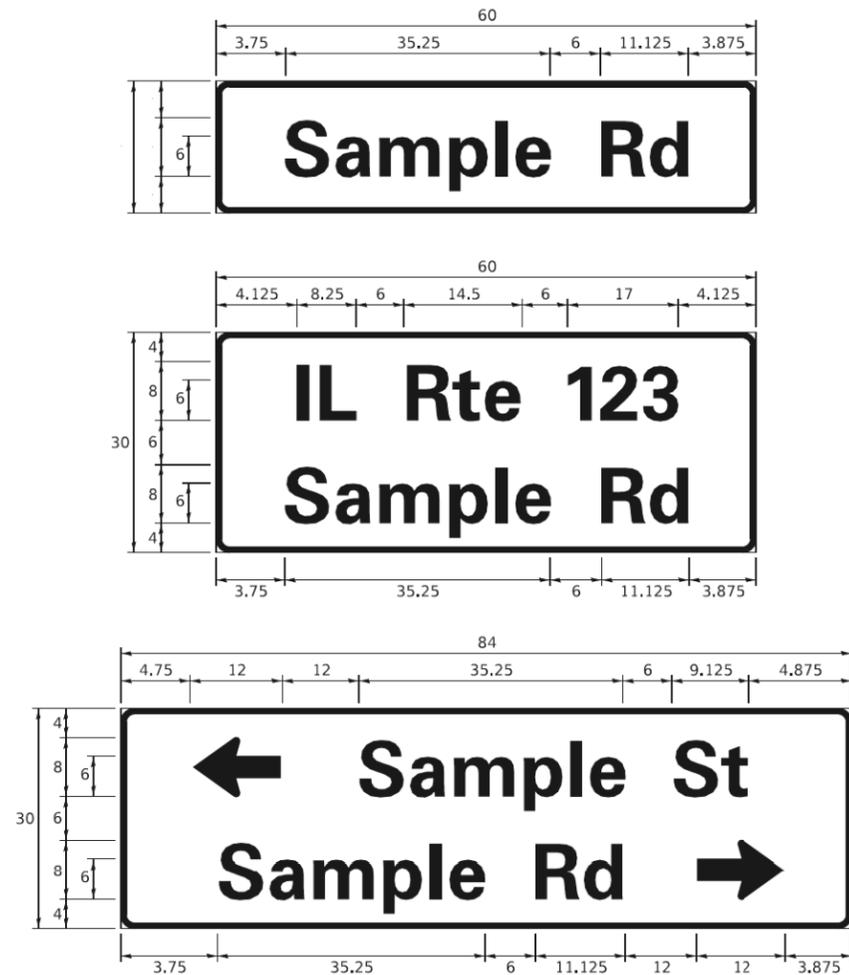
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS**
 SCALE: NONE SHEET 7 OF 18 SHEETS STA. TO STA.

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 94
TS-05		CONTRACT NO. 61H23		
ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15,000	18,250
BOULEVARD	Blvd	17,125	20,000
CIRCLE	Cir	11,125	13,000
COURT	Ct	8,250	9,625
DRIVE	Dr	8,625	10,125
HIGHWAY	Hwy	18,375	22,000
ILLINOIS	IL	7,000	8,250
LANE	Ln	9,125	10,750
PARKWAY	Pkwy	23,375	27,375
PLACE	Pl	7,125	7,750
ROAD	Rd	9,625	11,125
ROUTE	Rte	12,625	14,500
STREET	St	8,000	9,125
TERRACE	Ter	12,625	14,625
TRAIL	Tr	7,750	9,125
UNITED STATES	US	10,375	12,250

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

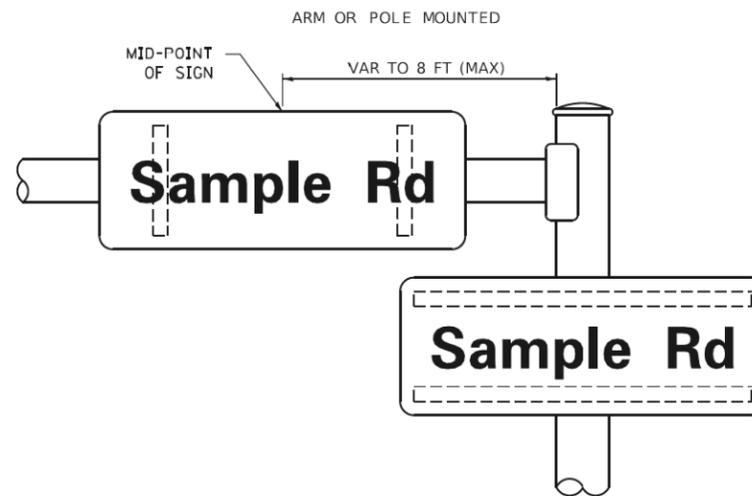
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

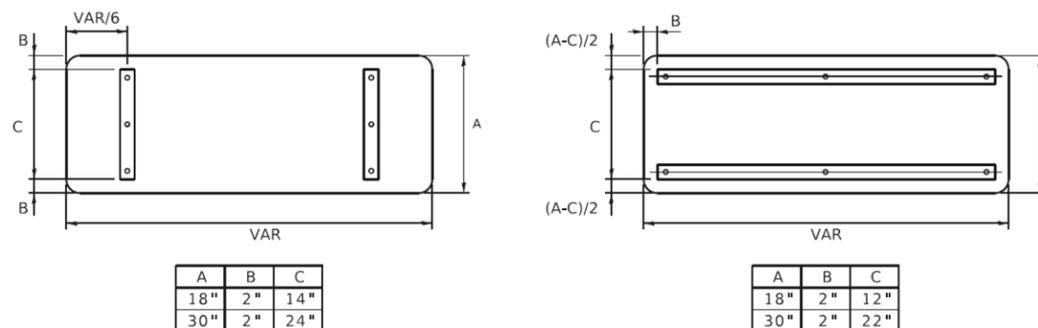
- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
- BRACKETS SELF TAPPING WITH NEOPRENE WASHER
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING PART #HPN034 (UNIVERSAL)

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION



SUPPORTING CHANNELS



STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

TS SHT NO. 8

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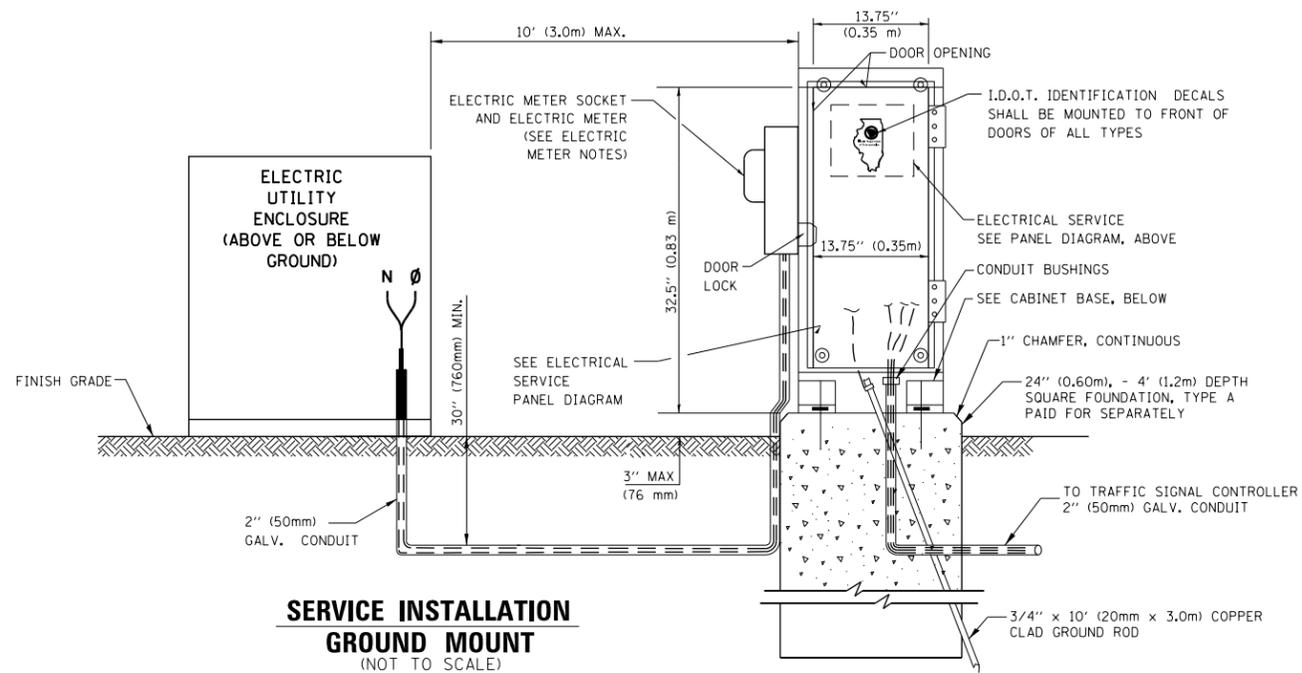
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS**

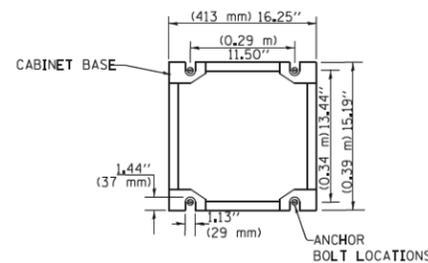
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TS-02		CONTRACT NO. 61H23		
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 8 OF 18 SHEETS STA. TO STA.



**SERVICE INSTALLATION
GROUND MOUNT**
(NOT TO SCALE)

CABINET - BASE BOLT PATTERN
(NOT TO SCALE)



ELECTRIC METER NOTES:

1. ELECTRIC METER SOCKET SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR. THE ELECTRIC UTILITY WILL SUPPLY THE ELECTRIC METER AND THE CONTRACTOR SHALL INSTALL THE METER. THE ELECTRIC METER SOCKET SIZE AND TYPE SHALL BE COORDINATED WITH THE ELECTRIC UTILITY COMPANY.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE SUPPORTS AND ATTACHMENT PLANS FOR APPROVAL BY THE ENGINEER.
3. ALL WORK ASSOCIATED WITH THE ELECTRIC SERVICE METER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SERVICE INSTALLATION - GROUND MOUNTED.

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		DATE - 6/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL DESIGN DETAIL
METERED ELECTRIC SERVICE**

SCALE: NONE SHEET 9 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	96
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				

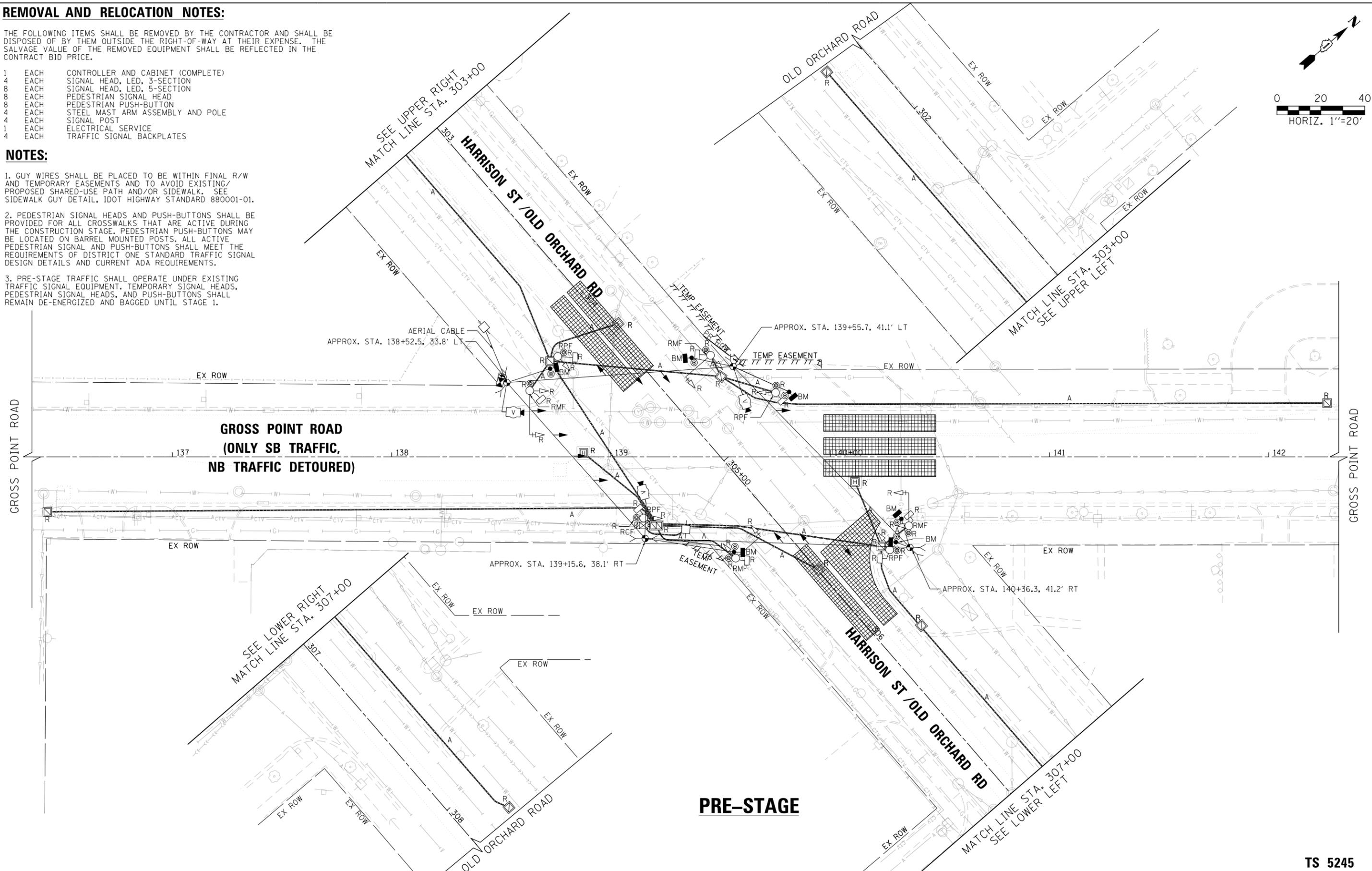
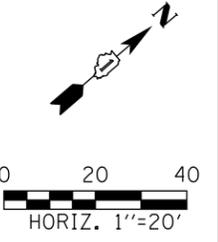
REMOVAL AND RELOCATION NOTES:

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

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 4 EACH SIGNAL HEAD, LED, 3-SECTION
- 8 EACH SIGNAL HEAD, LED, 5-SECTION
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 8 EACH PEDESTRIAN PUSH-BUTTON
- 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH SIGNAL POST
- 1 EACH ELECTRICAL SERVICE
- 4 EACH TRAFFIC SIGNAL BACKPLATES

NOTES:

1. GUY WIRES SHALL BE PLACED TO BE WITHIN FINAL R/W AND TEMPORARY EASEMENTS AND TO AVOID EXISTING/PROPOSED SHARED-USE PATH AND/OR SIDEWALK. SEE SIDEWALK GUY DETAIL, IDOT HIGHWAY STANDARD 880001-01.
2. PEDESTRIAN SIGNAL HEADS AND PUSH-BUTTONS SHALL BE PROVIDED FOR ALL CROSSWALKS THAT ARE ACTIVE DURING THE CONSTRUCTION STAGE. PEDESTRIAN PUSH-BUTTONS MAY BE LOCATED ON BARREL MOUNTED POSTS. ALL ACTIVE PEDESTRIAN SIGNAL AND PUSH-BUTTONS SHALL MEET THE REQUIREMENTS OF DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS AND CURRENT ADA REQUIREMENTS.
3. PRE-STAGE TRAFFIC SHALL OPERATE UNDER EXISTING TRAFFIC SIGNAL EQUIPMENT. TEMPORARY SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND PUSH-BUTTONS SHALL REMAIN DE-ENERGIZED AND BAGGED UNTIL STAGE 1.



TS SHT NO. 10

TS 5245



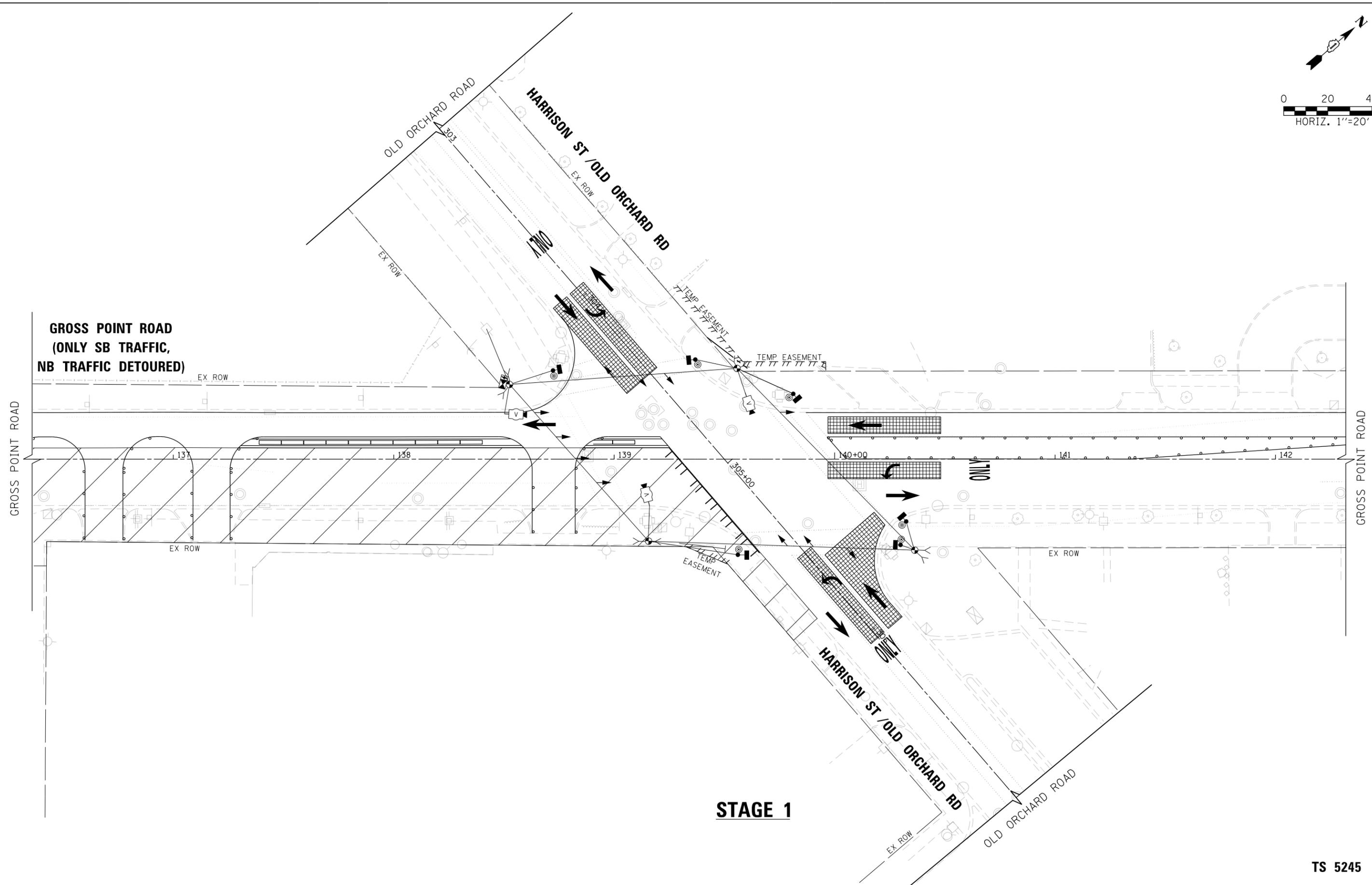
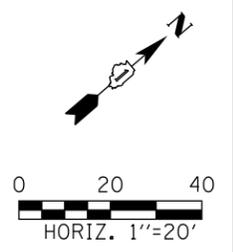
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PLOT DATE = 6/27/2022	DATE - 6/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
GROSS POINT ROAD AND OLD ORCHARD ROAD**

SCALE: 1"=20' SHEET 10 OF 18 SHEETS STA. TO STA.

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 97
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



TS SHT NO. 11

STAGE 1

TS 5245



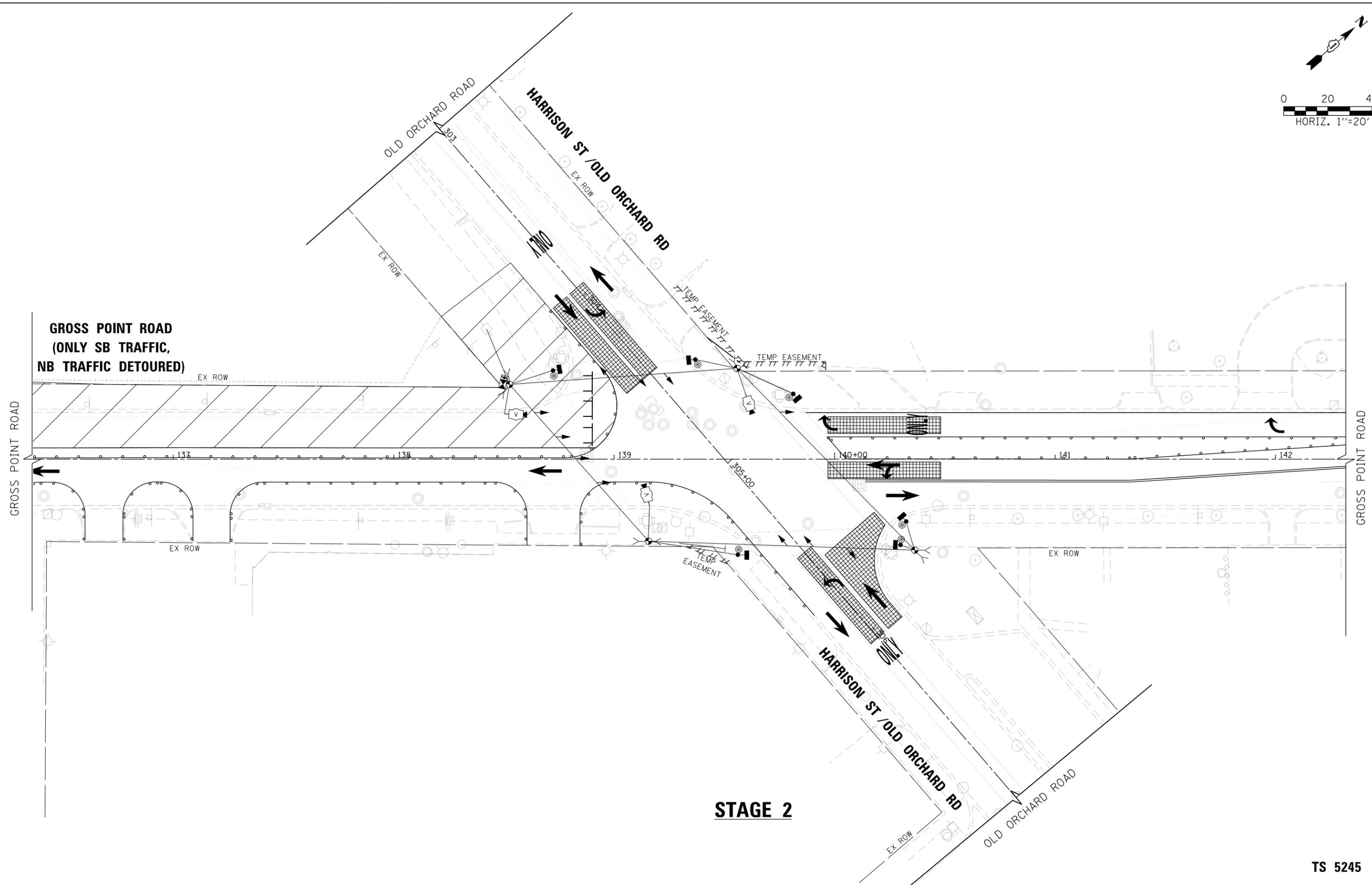
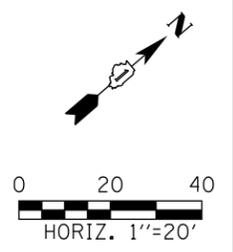
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PLOT SCALE = 50 SCALE	CHECKED - GAURAV RAI	REVISED -
PLOT DATE = 6/27/2022	DATE - 6/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING
MOT STAGE 1
GROSS POINT ROAD AND OLD ORCHARD ROAD**

SCALE: 1"=20' SHEET 11 OF 18 SHEETS STA. TO STA.

F.A.U. RTE. 3520	SECTION 08-00279-00-FP	COUNTY COOK	TOTAL SHEETS 160	SHEET NO. 98
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



TS SHT NO. 12

STAGE 2

TS 5245



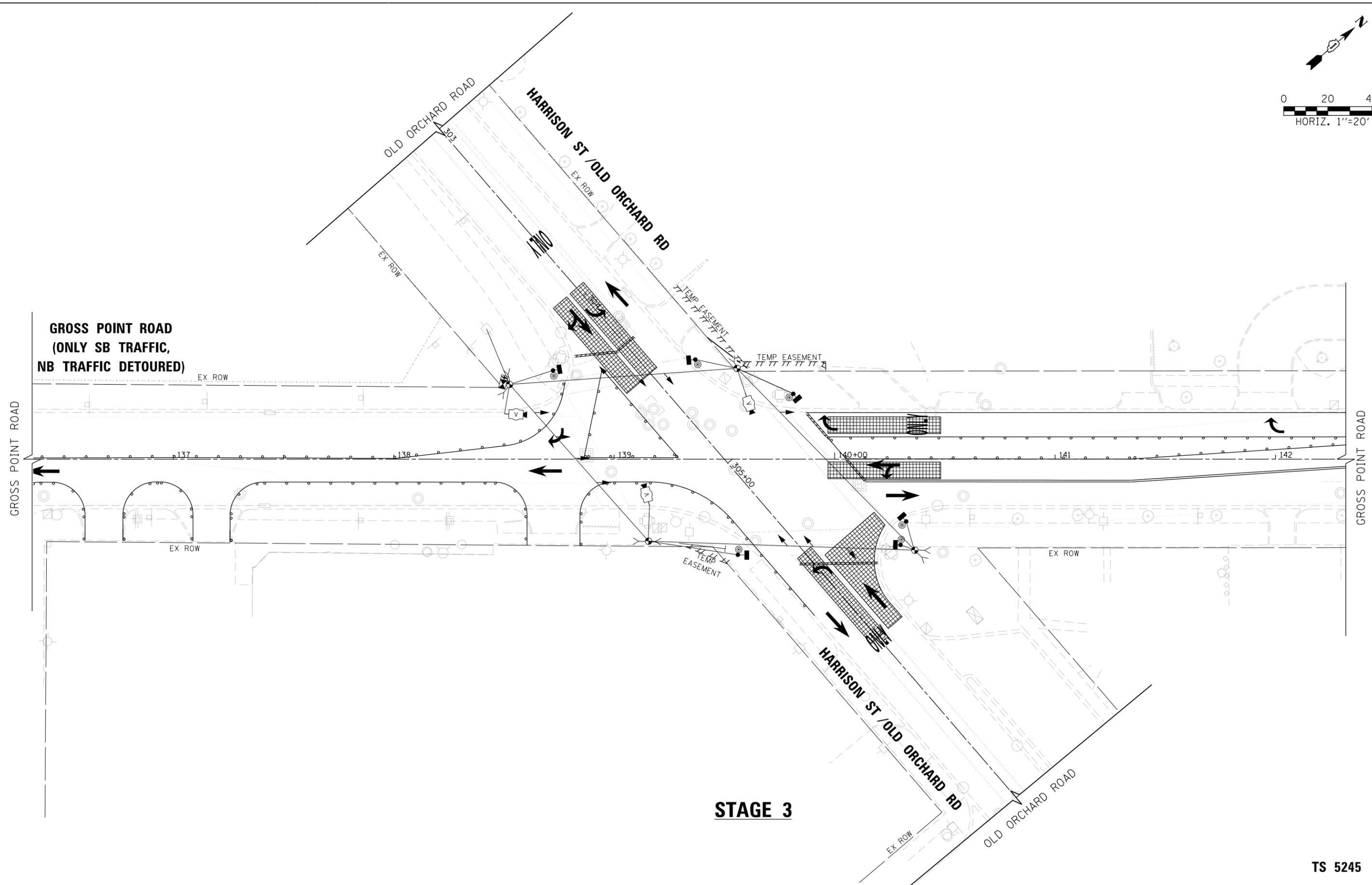
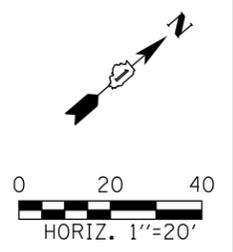
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PLOT DATE = 6/27/2022	DATE - 6/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING
MOT STAGE 2
GROSS POINT ROAD AND OLD ORCHARD ROAD**

SCALE: 1"=20' SHEET 12 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	99
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				



TS SHT NO. 13

STAGE 3

TS 5245



USER NAME = btwegner	DESIGNED - BRYCE WEGNER	REVISED -
	DRAWN - BRYCE WEGNER	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - GAURAV RAI	REVISED -
PLOT DATE = 6/27/2022	DATE - 6/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL STAGING
MOT STAGE 3
GROSS POINT ROAD AND OLD ORCHARD ROAD**

SCALE: 1"=20' SHEET 13 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	100
CONTRACT NO. 61H23				
ILLINOIS FED. AID PROJECT				