03-10-2023 LETTING ITEM 077

CONTRACT NO. 6

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

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

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

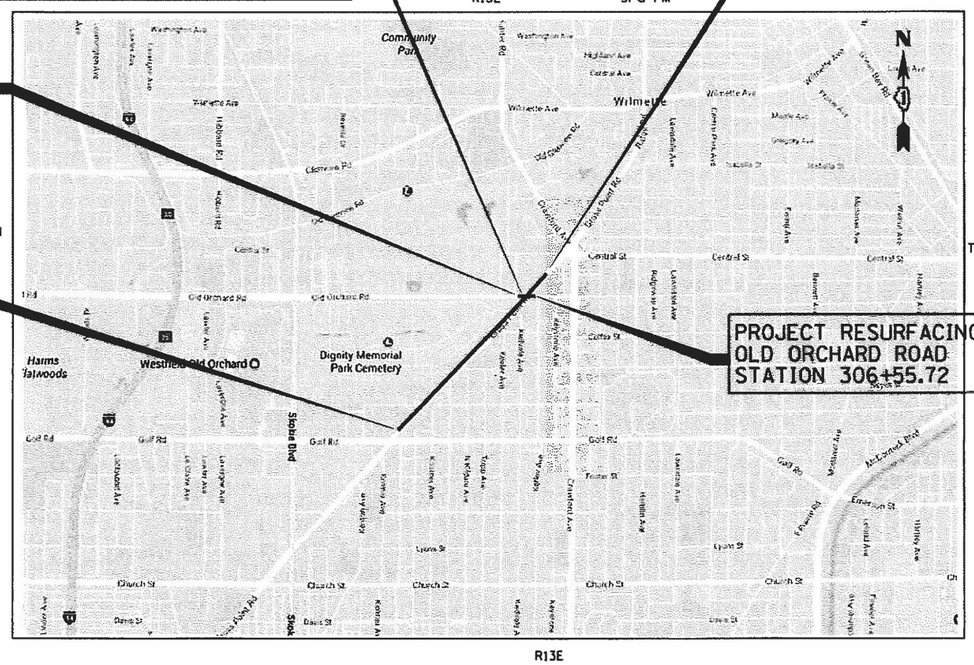
PROJECT RECONSTRUCTION ENDS
RESURFACING BEGINS
GROSS POINT ROAD
STATION 139+29.69

PROJECT RESURFACING ENDS
GROSS POINT ROAD
STATION 142+88.31

PROJECT RESURFACING LIMITS
OLD ORCHARD ROAD
STATION 303+67.00

PROJECT BEGINS
GROSS POINT ROAD
STATION 106+37.81

PROJECT RESURFACING LIMITS
OLD ORCHARD ROAD
STATION 306+55.72



R13E
VILLAGE OF SKOKIE

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 MILES)
TOTAL LENGTH 3,939.22FT (0.75 MILES)



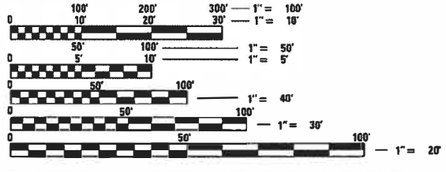
LOCATION OF SECTION INDICATED THUS:-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED ON: December 20, 2022
VILLAGE OF SKOKIE, DIRECTOR OF ENGINEERING

PASSED January 3, 2023
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW January 3, 2023
REGIONAL ENGINEER



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

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

CONTRACT NO. 61H23

DAVID W. BLOCK
062-050966
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

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

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

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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

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FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -
		DRAWN - MLB	REVISED -
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -
	PLOT DATE = 8/10/2022	DATE - 8/10/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
INDEX OF SHEETS AND STATE STANDARDS

SCALE: 1"=100' | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	2
		CONTRACT NO. 61H23		
	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.

TREE REMOVAL

THE NORTHERN LONG-EARED BAT (NLEB) IS LISTED AS ENDANGERED BY THE US FISH AND WILDLIFE SERVICE. TREES WITH A BREAST-HEIGHT DIAMETER OF 3" OR LARGER ARE CONSIDERED POTENTIAL HABITAT FOR NLEB.

NO TREES 3" AND LARGER SHALL BE REMOVED BETWEEN APRIL 1ST AND SEPTEMBER 30TH AS PROTECTION FOR NLEB.

TREES 3" AND LARGER SHALL ONLY BE REMOVED BETWEEN OCTOBER 1ST AND MARCH 31ST.

A NOMINAL QUANTITY OF 20 UNITS FOR TREE REMOVAL (6 TO 15 UNITS DIAMETER) AND TREE REMOVAL (OVER 15 UNITS DIAMETER) HAVE BEEN INCLUDED JUST IN CASE THEY ARE NEEDED.

COMMITMENTS:

NO COMMITMENTS WERE MADE FOR THIS PROJECT

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD GENERAL NOTES
		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=100' SHEET 2 OF 3 SHEETS STA. TO STA.
	PLOT DATE = 12/15/2022	DATE - 12/15/2022	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	3
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
   * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * VILLAGE OF 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

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).

2. THE VILLAGE OF 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.

3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).

2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.

3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.

4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.

5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.

6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.

8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.

9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.

10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.

2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.

3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.

4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).

5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.

6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

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

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

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

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 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

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.

2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.

3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.

9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.

10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.

12. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.

13. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).

14. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

15. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.

16. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.

17. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.

18. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.

19. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.

21. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.

22. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.

23. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.

24. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -
		DRAWN - MLB	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
MWRDGC GENERAL NOTES

SCALE: N.T.S. | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	4
		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
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	20	20			
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	20	20			
	20101000	TEMPORARY FENCE	FOOT	440	440			
*	20101200	TREE ROOT PRUNING	EACH	9	9			
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	3	3			
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	6	6			
	20200100	EARTH EXCAVATION	CU YD	5,955	4,475			1,480
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,570	2,570			
	20800150	TRENCH BACKFILL	CU YD	2,519	2,519			
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	4,367	4,367			
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	5,199	5,199			
	21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	100	100			
*	25200110	SODDING, SALT TOLERANT	SQ YD	5,199	5,199			

• DENOTES SPECIALTY ITEM

X CONSTRUCTION TYPE CODE 0042

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		DRAWN - MLB	REVISED -
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -
	PLOT DATE = 12/20/2022	DATE - 12/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 1 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	5
		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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 2 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	6
		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
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	54	54			
40603085	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	1,686			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	21,894	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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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	7
		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
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

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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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	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 35"	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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 5 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	9
		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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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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	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			

• DENOTES SPECIALTY ITEM

X CONSTRUCTION TYPE CODE 0042

FILE NAME = Invalid expression* Default	USER NAME = CECamin	DESIGNED - CEC	REVISED -
		DRAWN - MLB	REVISED -
	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
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 7 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	11
		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
	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

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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
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 8 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	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			
70300281	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

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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
SUMMARY OF QUANTITIES

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	13
		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
	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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 10 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	14
		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
*	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			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 11 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	15
		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
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	865	135	730		
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	150		150		
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	450		450		
*	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	1,375		1,375		

• DENOTES SPECIALTY ITEM

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	PLOT DATE = 12/20/2022	DATE - 12/20/2022	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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	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	1,715		1,430	285	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,525		1,525		
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,565		1,565		
*	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	685		685		
*	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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | 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	17
		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
*	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		

* DENOTES SPECIALITY ITEM
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 14 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	18
		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
*	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 ANDBURLAPPED	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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 15 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	19
		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
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	285			285	
*	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		
*	X2010400	STUMP REMOVAL ONLY	UNIT	258	258			
	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			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 16 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	20
		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
*	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			
	Z0004536	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	141	141			

* DENOTES SPECIALTY ITEM

X CONSTRUCTION TYPE CODE 0042

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		DRAWN - MLB	REVISED -
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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
SUMMARY OF QUANTITIES

SHEET 17 OF 18 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	21
		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
	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	HOUR	500	500			
X	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500			

• DENOTES SPECIALTY ITEM

X CONSTRUCTION TYPE CODE 0042

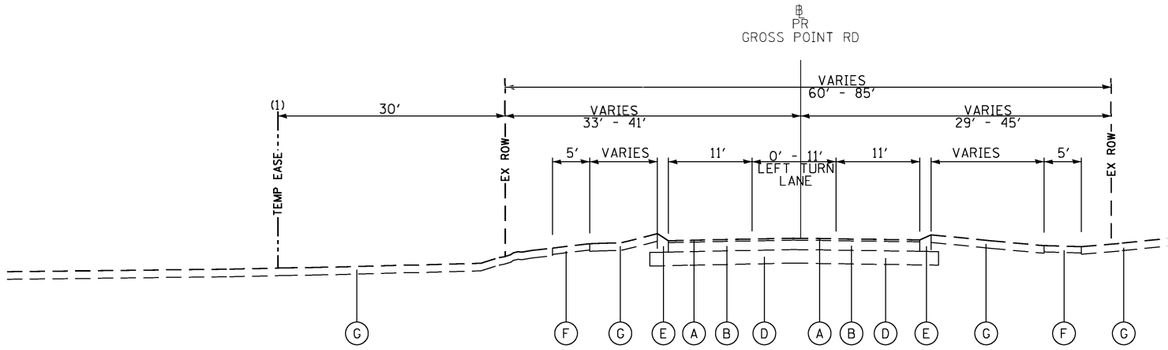
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SHEET 18 OF 18 SHEETS STA. TO STA.

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

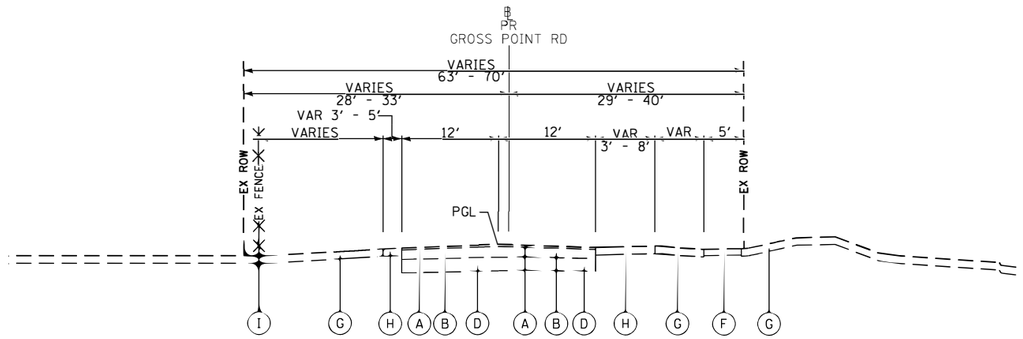


EXISTING TYPICAL SECTION
GROSS POINT ROAD
STATION 106+37.81 TO STATION 114+72.42

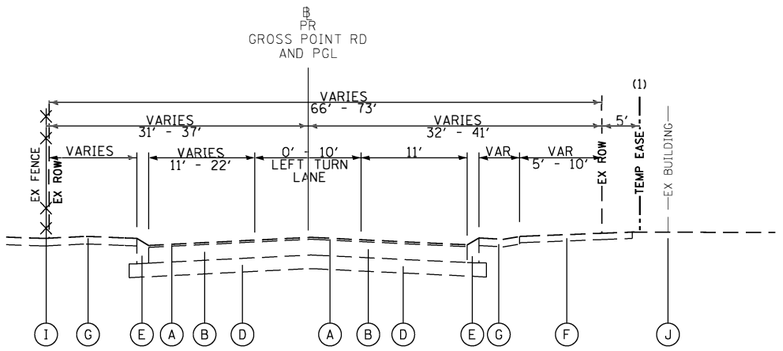
(1) TEMPORARY EASEMENT (LEFT)
STA 110+05.02 TO STA 111+04.84

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

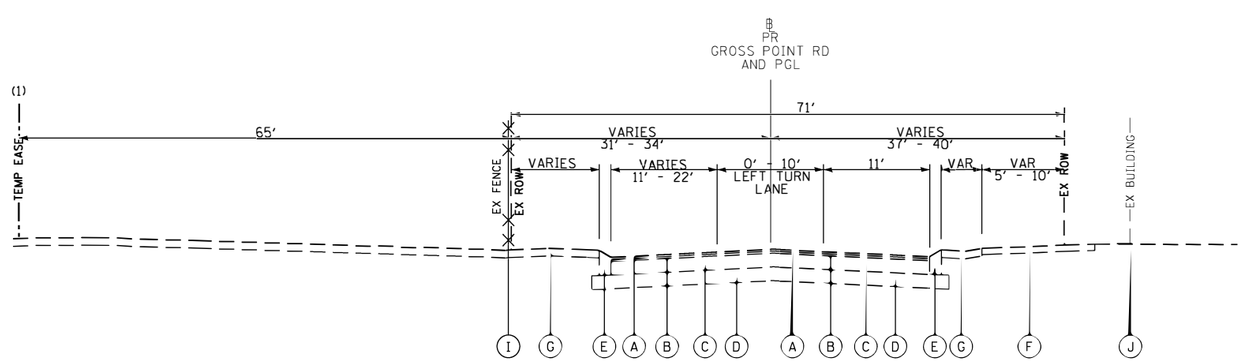


EXISTING TYPICAL SECTION
GROSS POINT ROAD
STATION 114+72.42 TO STATION 128+22.95



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



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

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

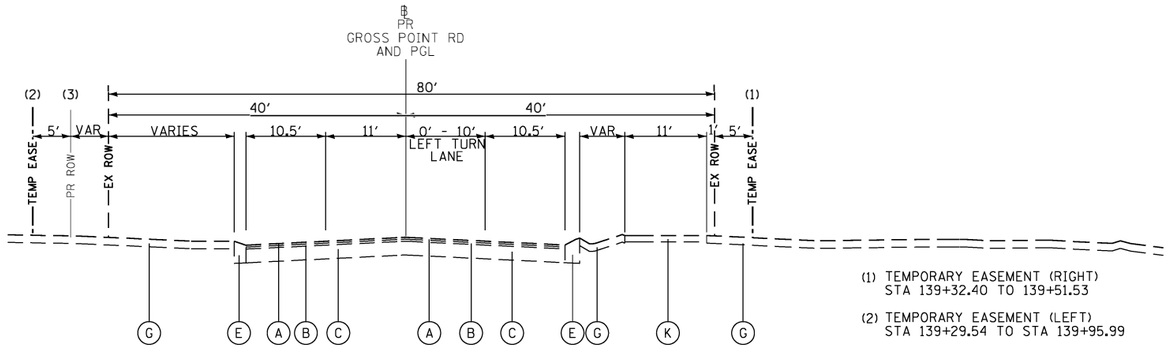
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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		

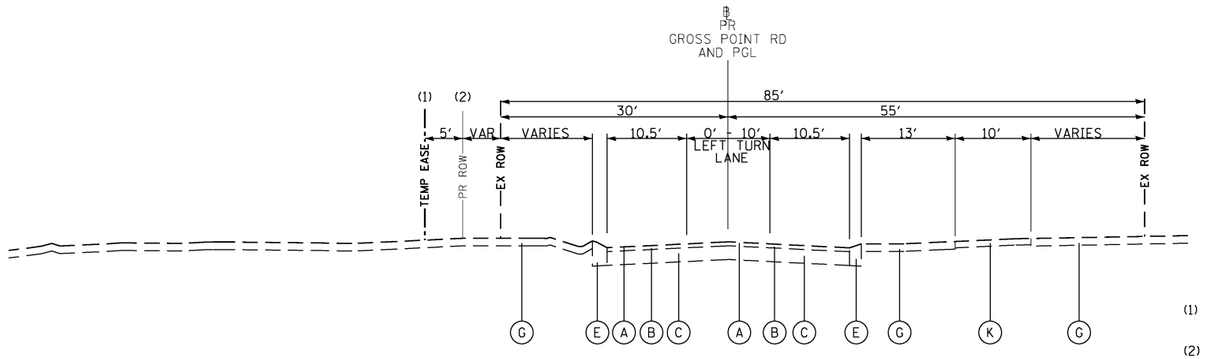


(1) TEMPORARY EASEMENT (RIGHT)
STA 139+32.40 TO 139+51.53

(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

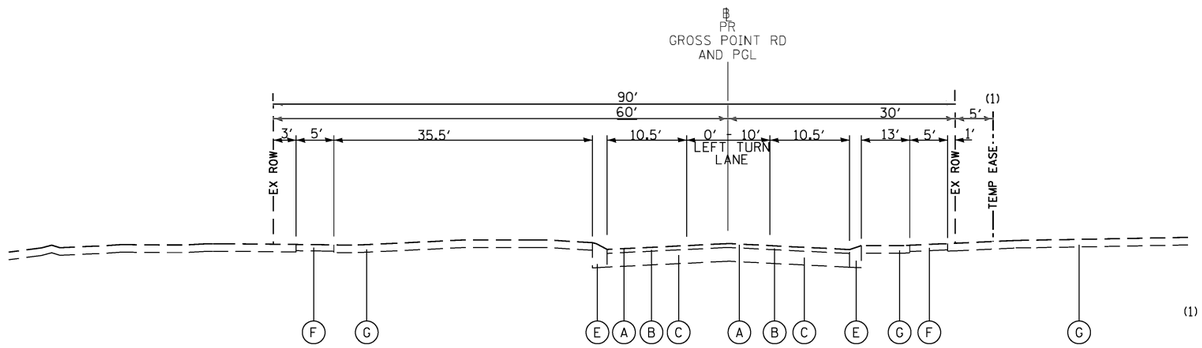
EXISTING TYPICAL SECTION
GROSS POINT ROAD
STATION 139+29.54 TO STATION 142+88.31



(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 303+67.00 TO STATION 304+97.62



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

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

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

FILE NAME = Invalid expression" Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

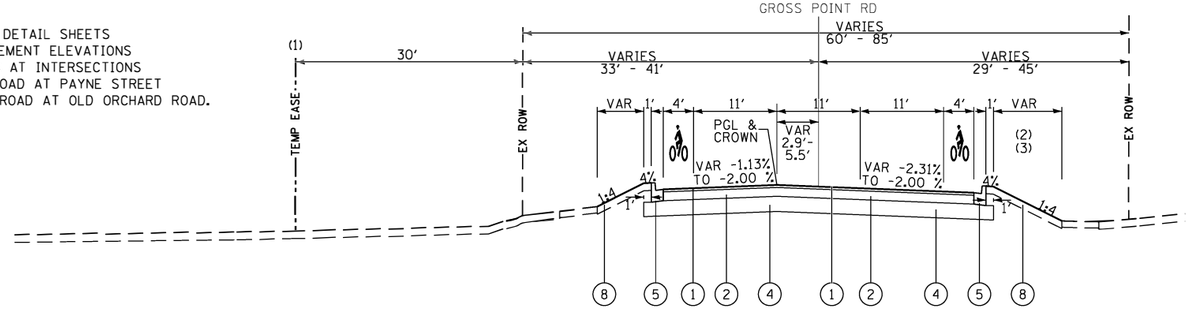
GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
EXISTING TYPICAL SECTIONS

SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	24
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			

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.

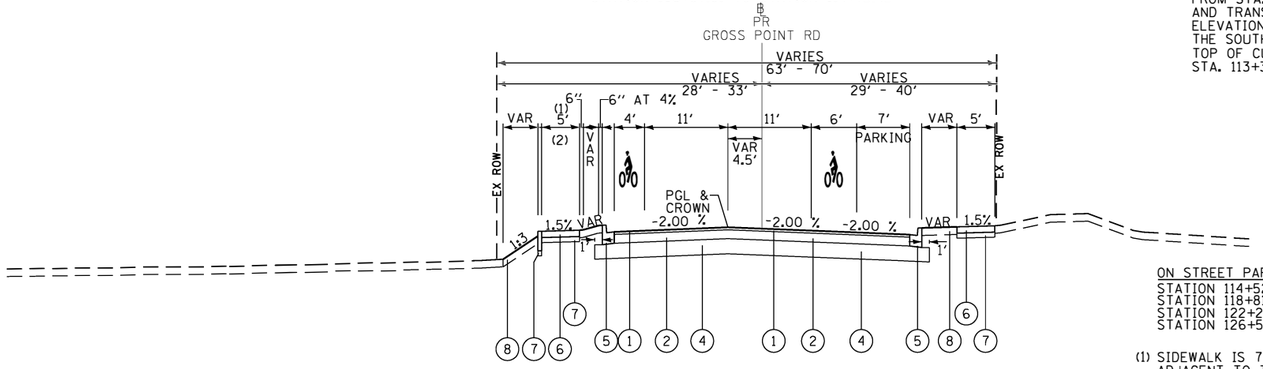


PROPOSED TYPICAL SECTION
GROSS POINT ROAD
STATION 106+37.81 TO STATION 114+72.42

(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.

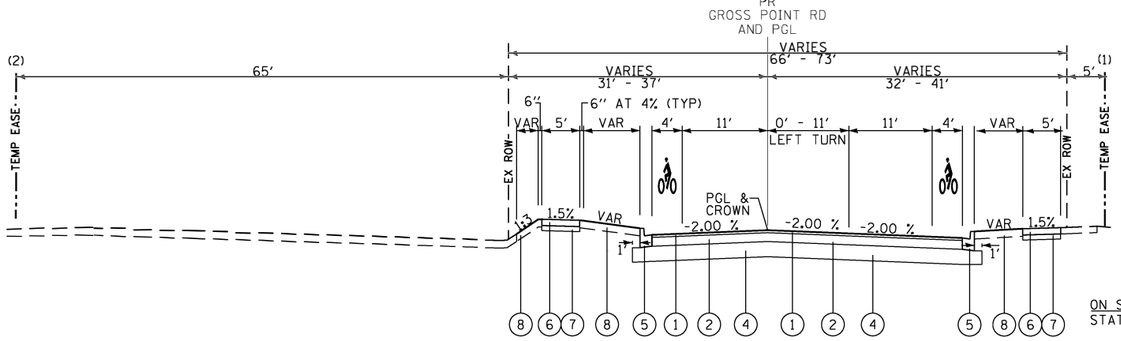


PROPOSED TYPICAL SECTION
GROSS POINT ROAD
STATION 114+72.42 TO STATION 128+22.95

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)

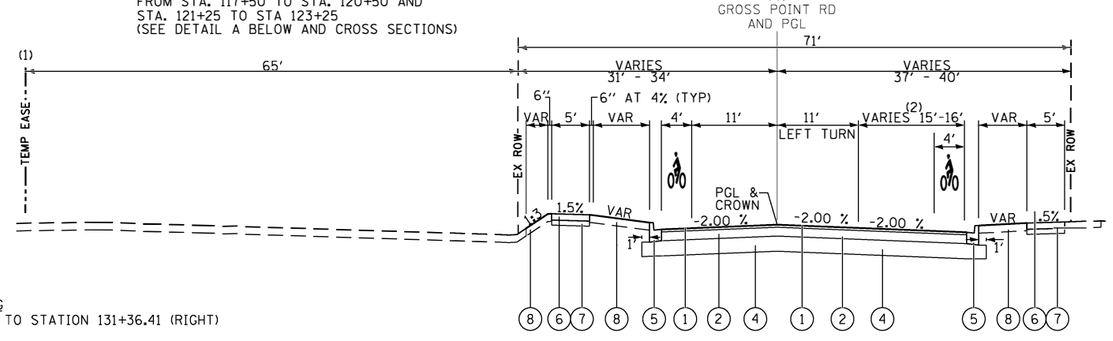


PROPOSED TYPICAL SECTION
GROSS POINT ROAD
STATION 128+22.95 TO STATION 134+46.00

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

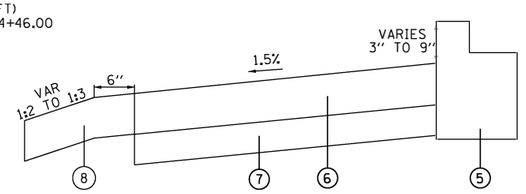
(2) TEMPORARY EASEMENT (LEFT)
STA 134+70.90 TO STA 134+46.00



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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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

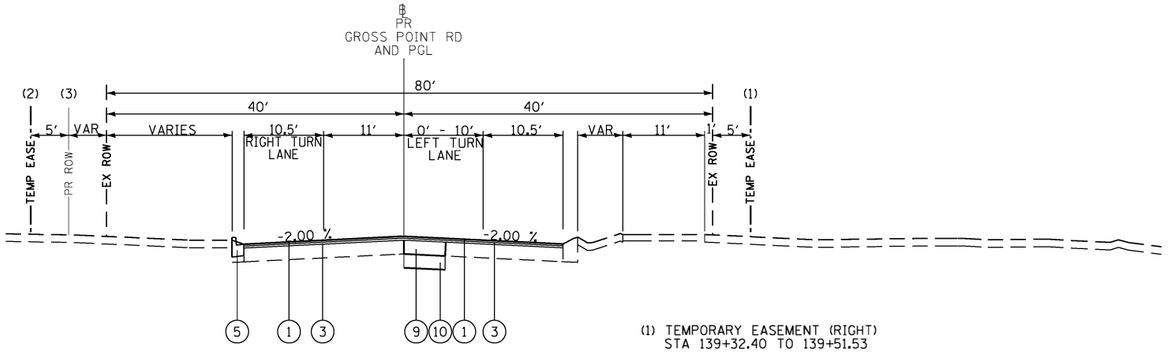
GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
PROPOSED TYPICAL SECTIONS

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:

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.

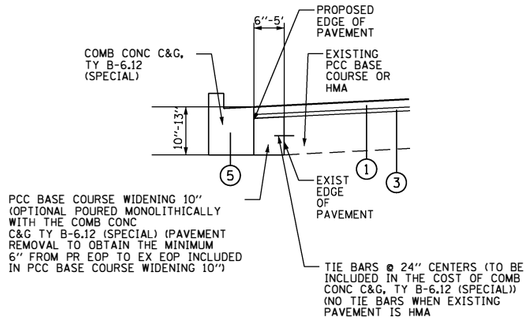


PROPOSED TYPICAL SECTION
GROSS POINT ROAD
STATION 139+29.54 TO STATION 142+88.31

(1) TEMPORARY EASEMENT (RIGHT)
STA 139+32.40 TO 139+51.53

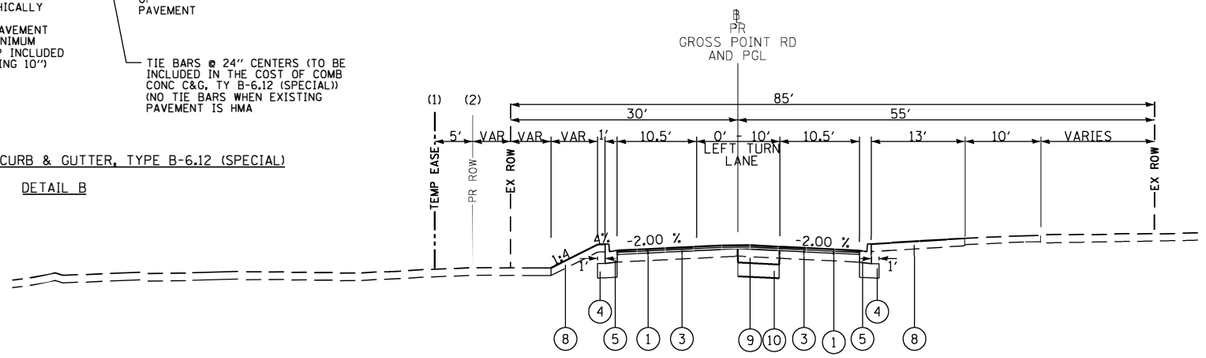
(2) TEMPORARY EASEMENT (LEFT)
STA 139+29.54 TO STA 139+95.99

(3) PROPOSED ROW (LEFT)
STA 139+42.17 TO STA 139+62.17



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

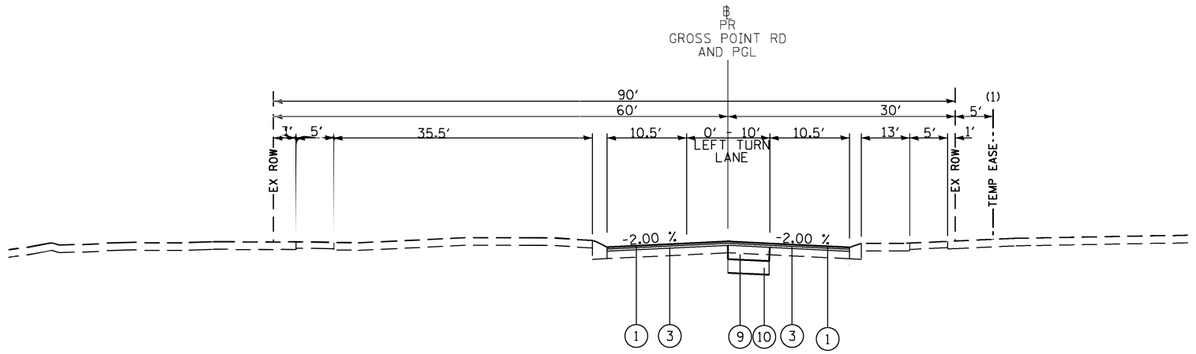
DETAIL B



(1) TEMPORARY EASEMENT (LEFT)
STA 304+24.10 TO STA 304+97.65

(2) PROPOSED ROW (LEFT)
STA 304+50.90 TO STA 304+75.55

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



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

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

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 THIS 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)

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	QMP
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
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

NOTES:
1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2) THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
3) 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.

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		DRAWN - MLB	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	26
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

EARTHWORK TABLE

	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)
LOCATION:					
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.

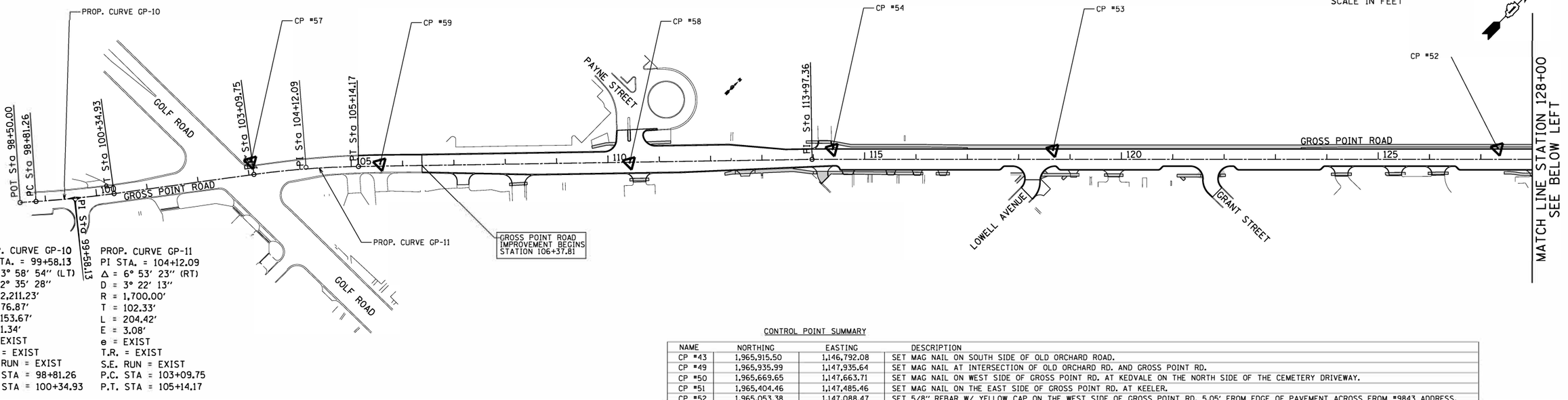
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
EARTHWORK TABLE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	27
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

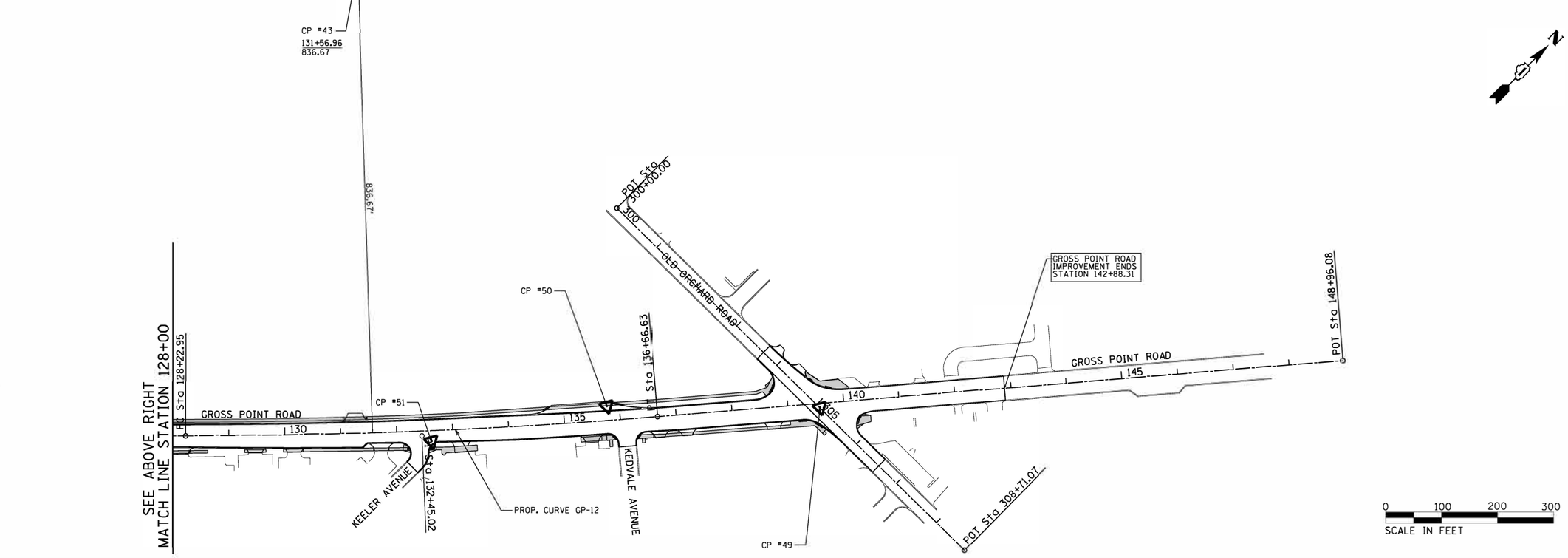


PROP. CURVE GP-10
PI STA. = 99+58.13
Δ = 3° 58′ 54″ (LT)
D = 2° 35′ 28″
R = 2,211.23′
T = 76.87′
L = 153.67′
E = 1.34′
e = EXIST
T.R. = EXIST
S.E. RUN = EXIST
P.C. STA = 98+81.26
P.T. STA = 100+34.93

PROP. CURVE GP-11
PI STA. = 104+12.09
Δ = 6° 53′ 23″ (RT)
D = 3° 22′ 13″
R = 1,700.00′
T = 102.33′
L = 204.42′
E = 3.08′
e = 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 ℄-℄ OF GROSS POINT RD. AND PAYNE ST.
CP "59	1,963,498.87	1,145,565.01	SET MAG NAIL AT ℄ OF GROSS POINT RD. AT ℄ OF SOUTH DRIVEWAY TO "9631 ADDRESS.



PROP. CURVE GP-12
PI STA. = 132+45.02
Δ = 4° 39′ 17″ (LT)
D = 0° 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

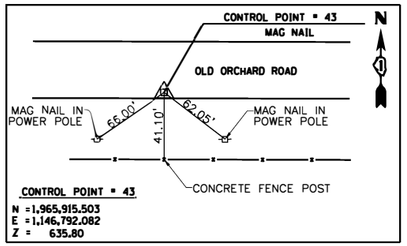
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

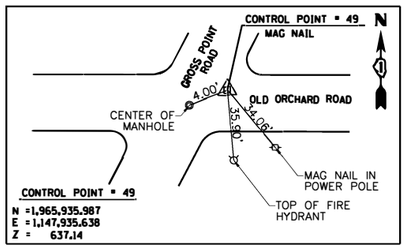
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
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
SK008	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 "T" 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 "T" 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.

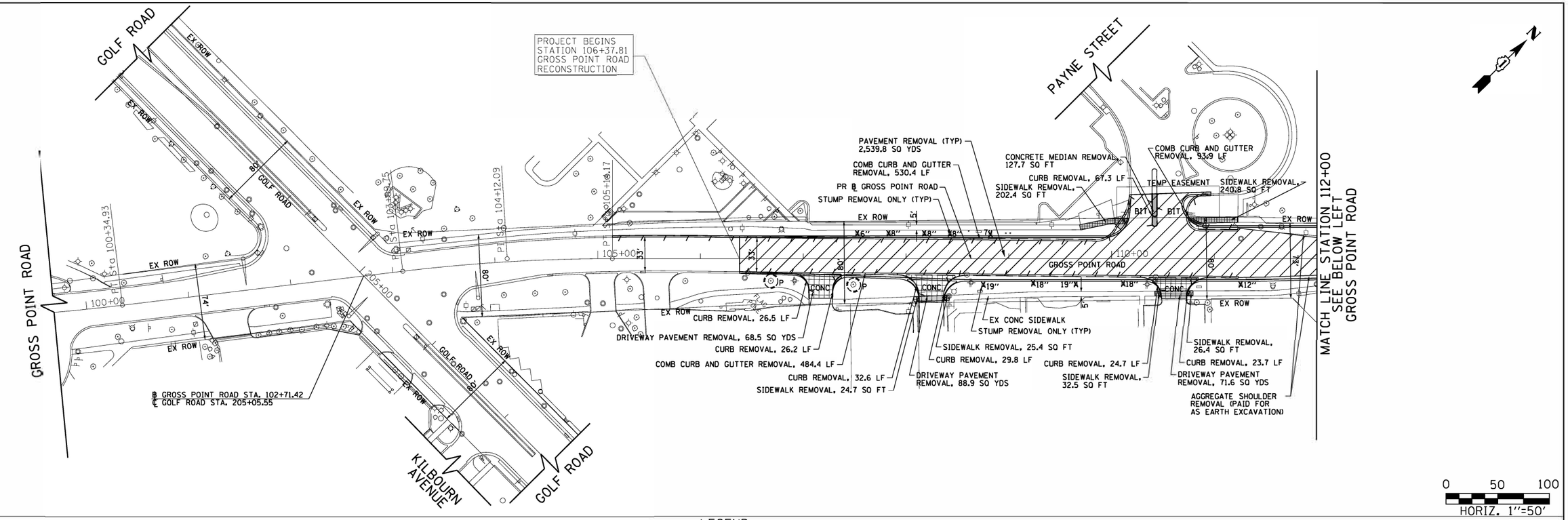
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=200' | 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	29
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

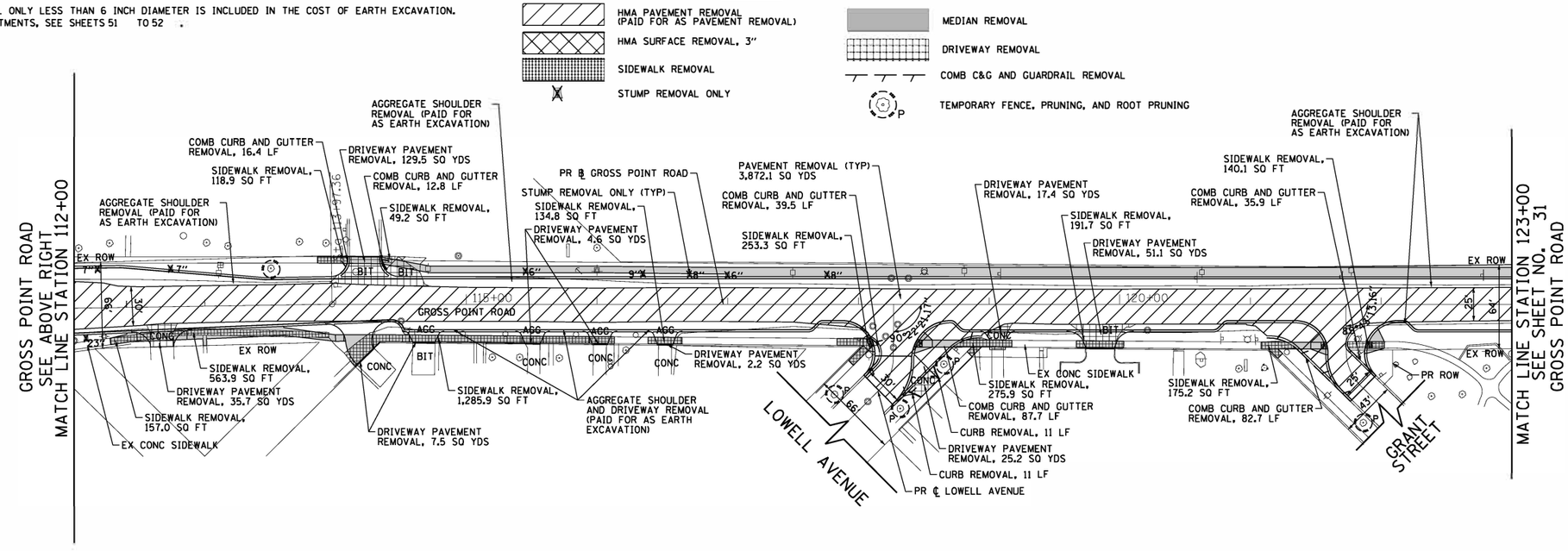


NOTES:

1. ANY TREE REMOVAL/STUMP REMOVAL ONLY 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

- HMA PAVEMENT REMOVAL (PAID FOR AS PAVEMENT REMOVAL)
- HMA SURFACE REMOVAL, 3″
- SIDEWALK REMOVAL
- STUMP REMOVAL ONLY
- MEDIAN REMOVAL
- DRIVEWAY REMOVAL
- COMB C&G AND GUARDRAIL REMOVAL
- TEMPORARY FENCE, PRUNING, AND ROOT PRUNING

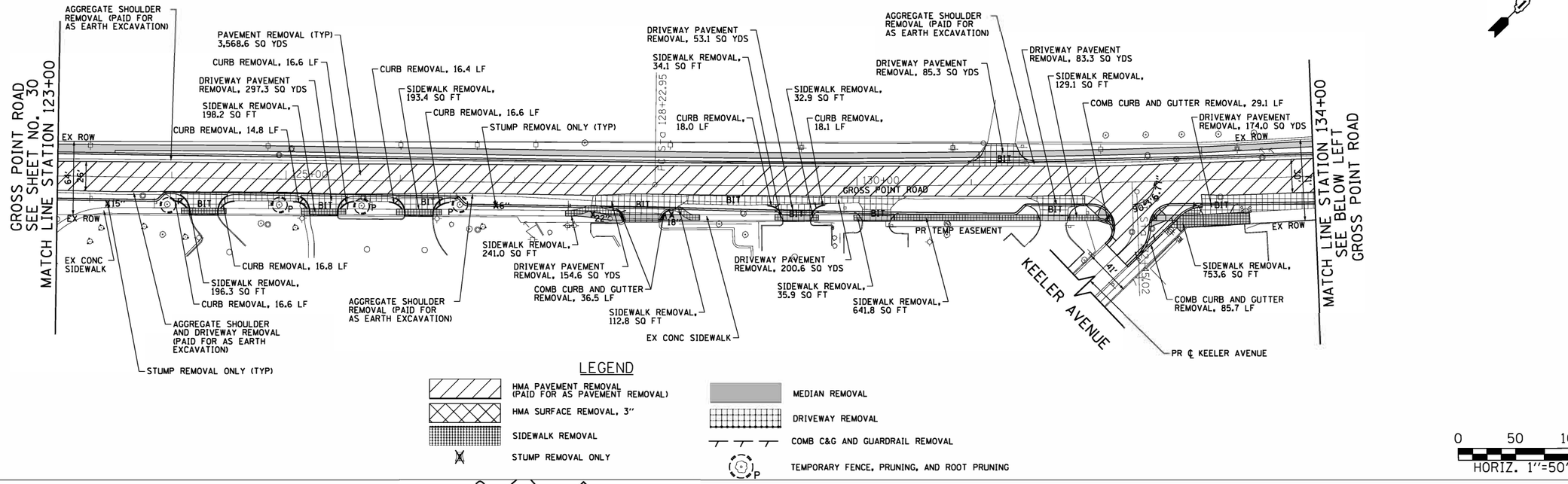


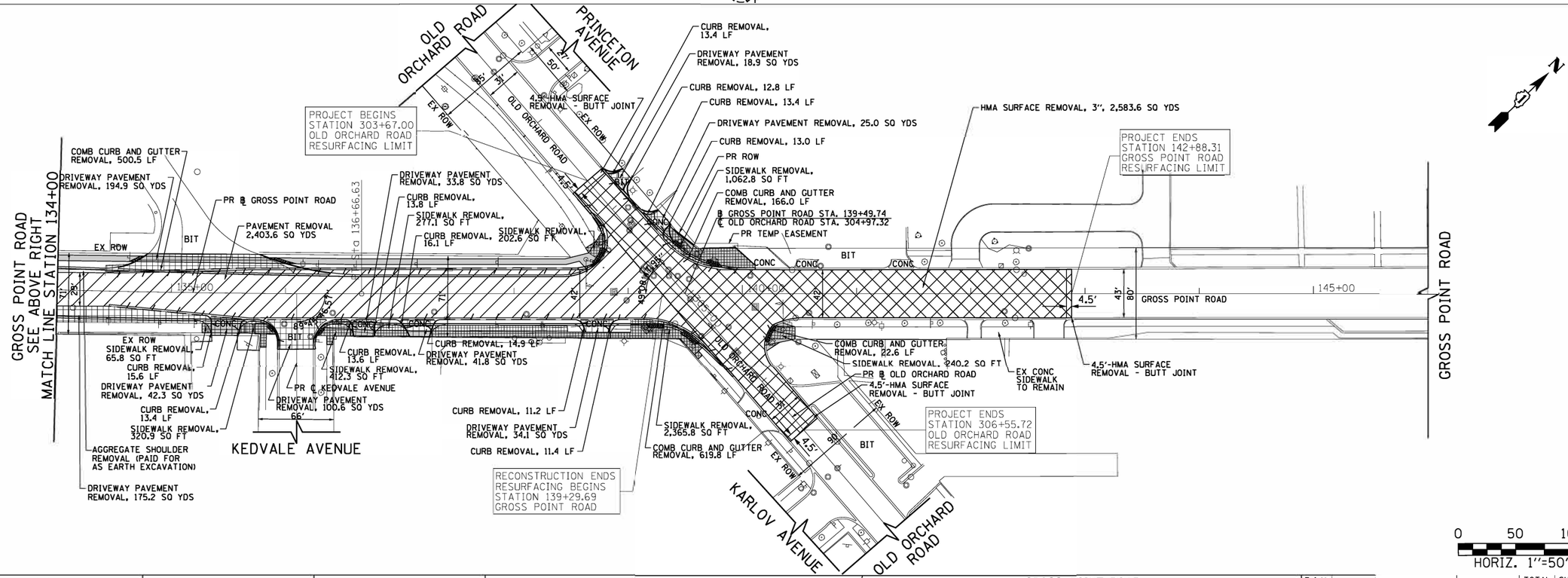
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		DRAWN - MLB	REVISED -			3520	08-00279-00-FP
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -				CONTRACT NO. 61H23
	PLOT DATE = 12/15/2022	DATE - 12/15/2022	REVISED -		SCALE: 1″=50′ SHEET 1 OF 2 SHEETS STA. 106+37.81 TO STA. 123+00.00		ILLINOIS FED. AID PROJECT

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	160	30

NOTES:

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





FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - MLB	REVISED -	
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -	
	PLOT DATE = 12/15/2022	DATE - 12/15/2022	REVISED -	

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		

NOTES
1. FOR INTERSECTION PAVING DETAILS, SEE INTERSECTIONS PAVING PLANS, SHEET 70 TO SHEET 73
2. FOR ADA RAMP DETAILS, SEE SHEET 74 TO SHEET 80
3. ALL STATION AND OFF-SETS ARE TAKEN FROM THE "PR BASELINE GROSS POINT ROAD" AND PROFILE AND CROSS SECTIONS ELEVATIONS ARE FROM "PR PGL GROSS POINT ROAD"

PROJECT BEGINS STATION 106+37.81 GROSS POINT ROAD RECONSTRUCTION

PROP. CURVE GP-1
PI STA. = 104+12.09
Δ = 6° 53' 23" (RT)
D = 3° 22' 13"
R = 1,700.00'
T = 102.33'
L = 204.42'
E = 3.08'
e =EXIST
T.R. = EXIST
S.E. RUN = EXIST
P.C. STA. = 103+09.75
P.T. STA. = 105+14.17

GOLF ROAD
GROSS POINT ROAD
PAYNE STREET
KILBOURN AVENUE
EX ROW
COMB CONC CURB AND GUTTER, TYPE B-6.12 (SPECIAL) PCC BASE COURSE WIDENING 10" (SEE DETAIL B ON TYPICAL SECTION SHEET)
PR PGL GROSS POINT ROAD
PR ℄ GROSS POINT ROAD
PR CURVE GP-1
LIMITS OF CONSTRUCTION
EX CONC SIDEWALK
COMB CONC CURB AND GUTTER, TYPE B-6.12 (TYP)
CONC MED SURF 4" AGG BASE CSE TY B
CONC CURB, TY B
PR TEMP EASEMENT
SLOPE GUTTER TOWARDS DRIVEWAY BETWEEN THESE POINTS
PCC SIDEWALK, 5" AGG. BASE COURSE, TYPE B 4" (TYP)
CONC CURB, TY B (TYP)
DETECTABLE WARNINGS (TYP)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 7"
AGGREGATE SUBGRADE IMPROVEMENT 12"
MATCH LINE STATION 112+00 SEE SHEET NO. 33 GROSS POINT ROAD
℄ GROSS POINT ROAD STA. 102+71.42
℄ GOLF ROAD STA. 205+05.55

LEGEND
- PCC SIDEWALK 5", 6" OR 8" AGG BASE CSE, TY B 4"
- DETECTABLE WARNINGS
- (A) HMA DRIVEWAY PAVEMENT, 10" HMA SURF CSE, (MIX "D" N50, 2", OVER 8" HMA BASE COURSE AGG-BASE COURSE, TYPE B 4"
- (B) HMA DRIVEWAY PAVEMENT, 8" HMA SURF CSE, (MIX "D" N50, 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

PROFILE
GOLF ROAD STA. 102+71.42
GROSS POINT ROAD
PROPOSED PGL
EXISTING PGL
VPI STA. 108+15.00 ELEVATION 636.91
VPI STA. 109+90.00 ELEVATION 636.21
+0.52%
-0.40%
-0.40%
+0.42%
635.99
+40.00 EL. 636.52
+90.00 EL. 636.61
+25.00 EL. 636.47
+55.00 EL. 636.48
K = 158
130.00' V.C.
SSD = 1250'
K = 163
150.00' V.C.
PAYNE ST STA. 110+42.00
MATCH LINE STATION 112+00 SEE SHEET NO. 33 GROSS POINT ROAD

EX PGL EL. / PR PGL EL.
635.79 / 635.89
636.02 / 636.05
636.09 / 636.31
636.21 / 636.57
636.31 / 636.72
636.38 / 636.72
636.41 / 636.57
636.45 / 636.39
636.45 / 636.35
636.48 / 636.46
636.64 / 636.67
636.76 / 636.89
636.72 / 637.10

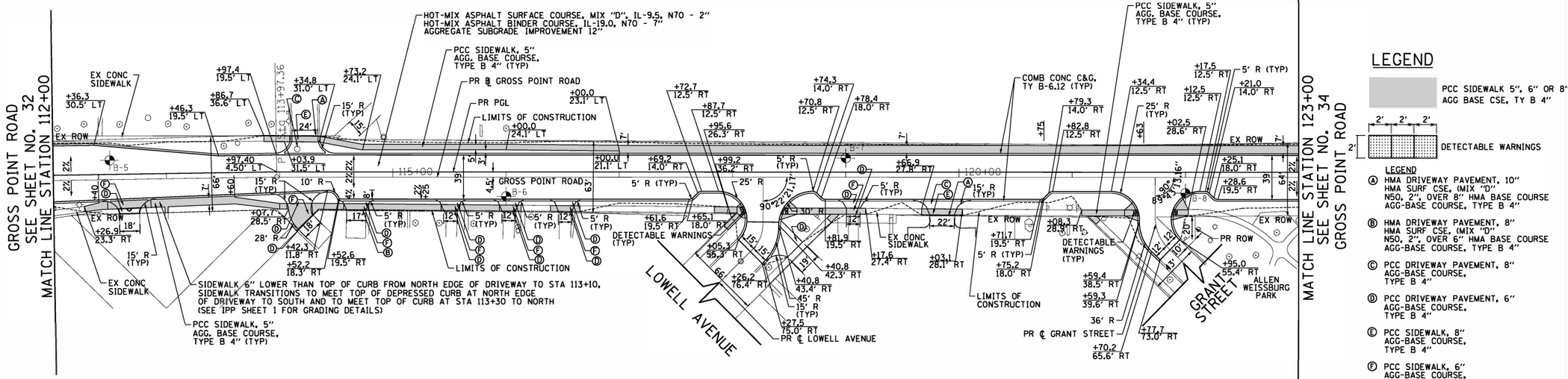
107+00 108+00 109+00 110+00 111+00 112+00

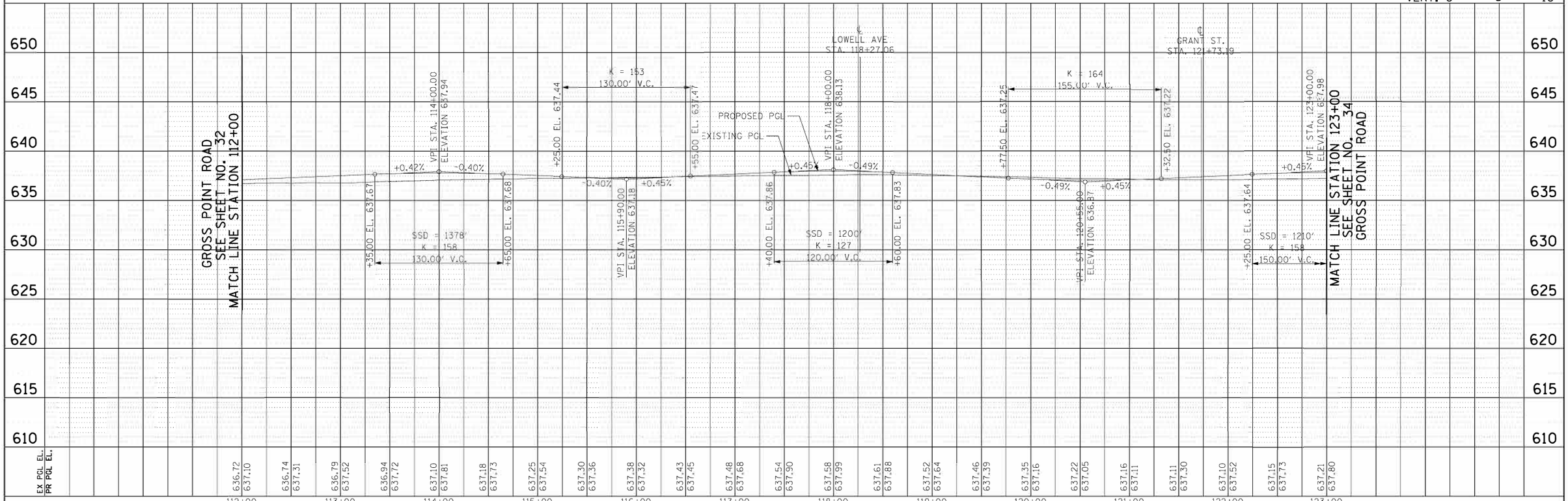
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
PLAN AND PROFILE
SCALE: 1"=50' | SHEET 1 OF 4 SHEETS | STA. 106+37.81 TO STA. 112+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	32
		CONTRACT NO. 61H23		
		ILLINOIS FED. AID PROJECT		

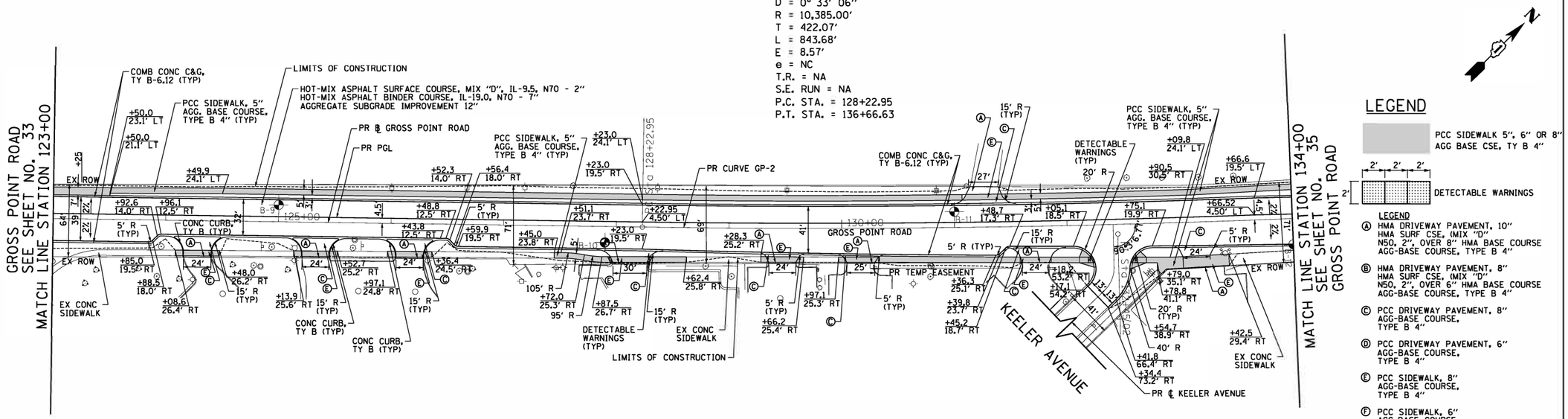




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		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 112+00.00 TO STA. 123+00.00
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	33
		CONTRACT NO. 61H23		
		ILLINOIS FED. AID PROJECT		

PROP. CURVE GP-2
PI STA. = 132+45.02
Δ = 4° 39′ 17″ (LT)
D = 0° 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

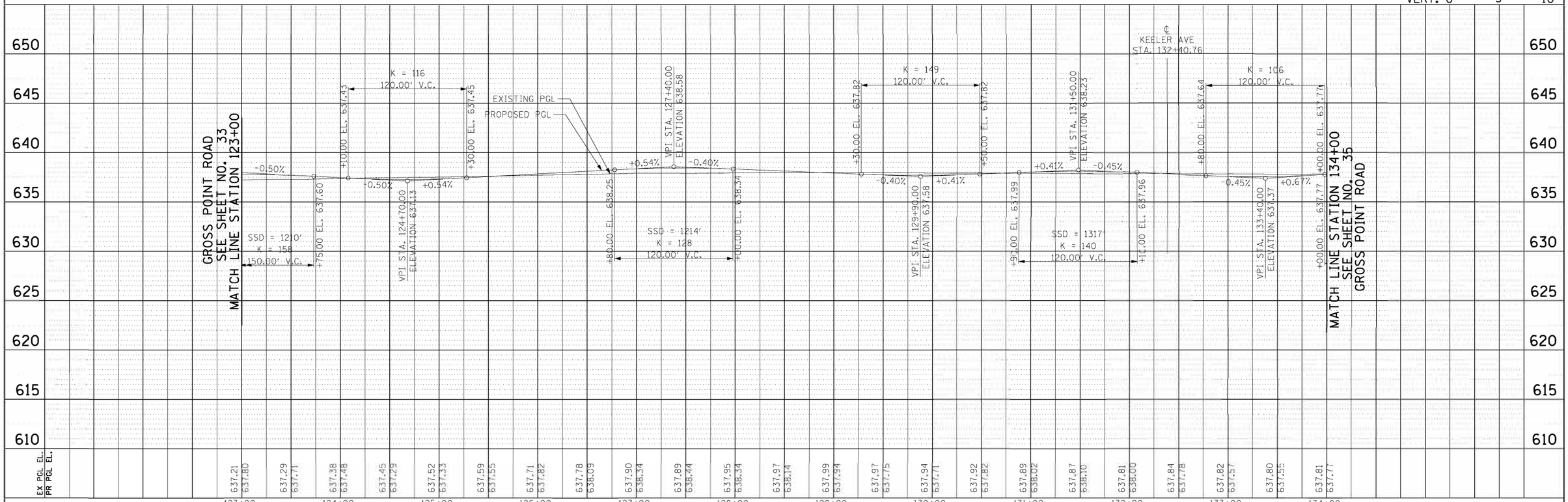


LEGEND

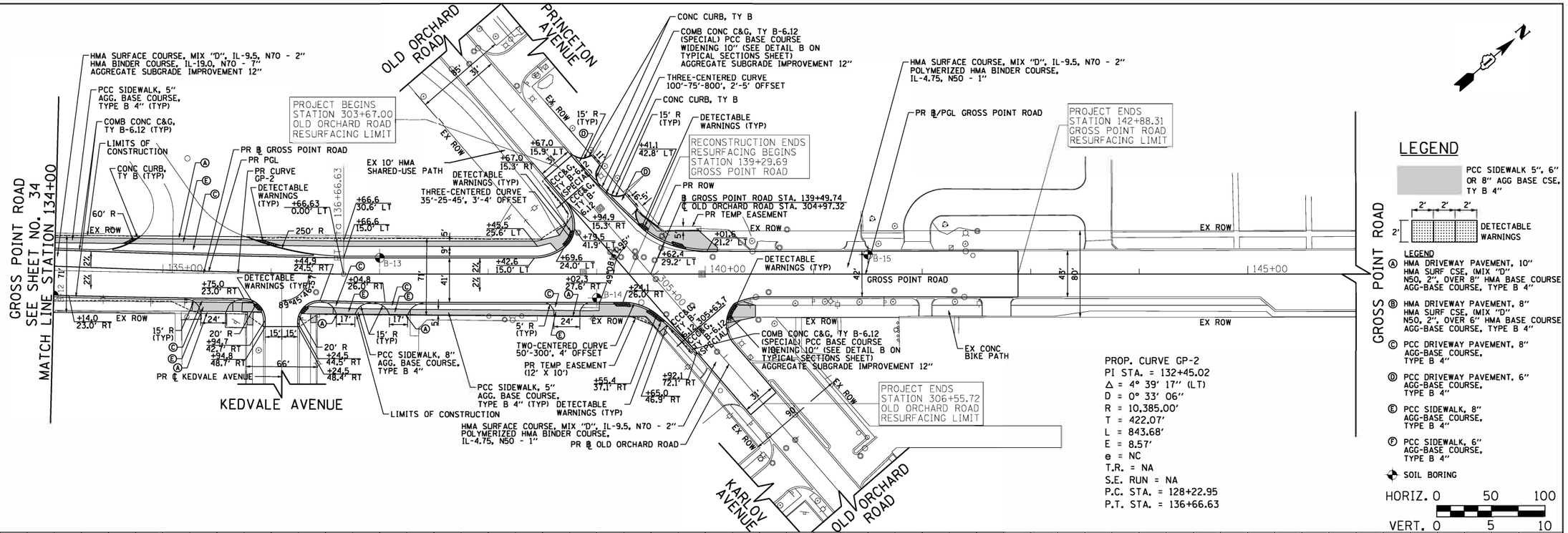
- PCC SIDEWALK 5″, 6″ OR 8″ AGG BASE CSE, TY B 4″
- DETECTABLE WARNINGS

LEGEND
- (A) HMA DRIVEWAY PAVEMENT, 10″ HMA SURF CSE, (MIX "D" N50, 2″, OVER 8″ HMA BASE COURSE AGG-BASE COURSE, TYPE B 4″
- (B) HMA DRIVEWAY PAVEMENT, 8″ HMA SURF CSE, (MIX "D" N50, 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



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		DRAWN - MLB	REVISED -			3520	08-00279-00-FP	COOK	160	34
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -					CONTRACT NO. 61H23		
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		SCALE: 1″=50′ SHEET 3 OF 4 SHEETS STA. 123+00.00 TO STA. 134+00.00			ILLINOIS FED. AID PROJECT		



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

PROFILE
SURVEYED
PLOTTED
DRAWING CHECKED
B.M. NOTED
STRUCTURE NOTATING CHKD
NOTE BOOK
NO.
BY
DATE

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

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
PLAN AND PROFILE

SCALE: 1"=50' | SHEET 4 OF 4 SHEETS | STA. 134+00.00 TO STA. 145+20.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	35
		CONTRACT NO. 61H23		
		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

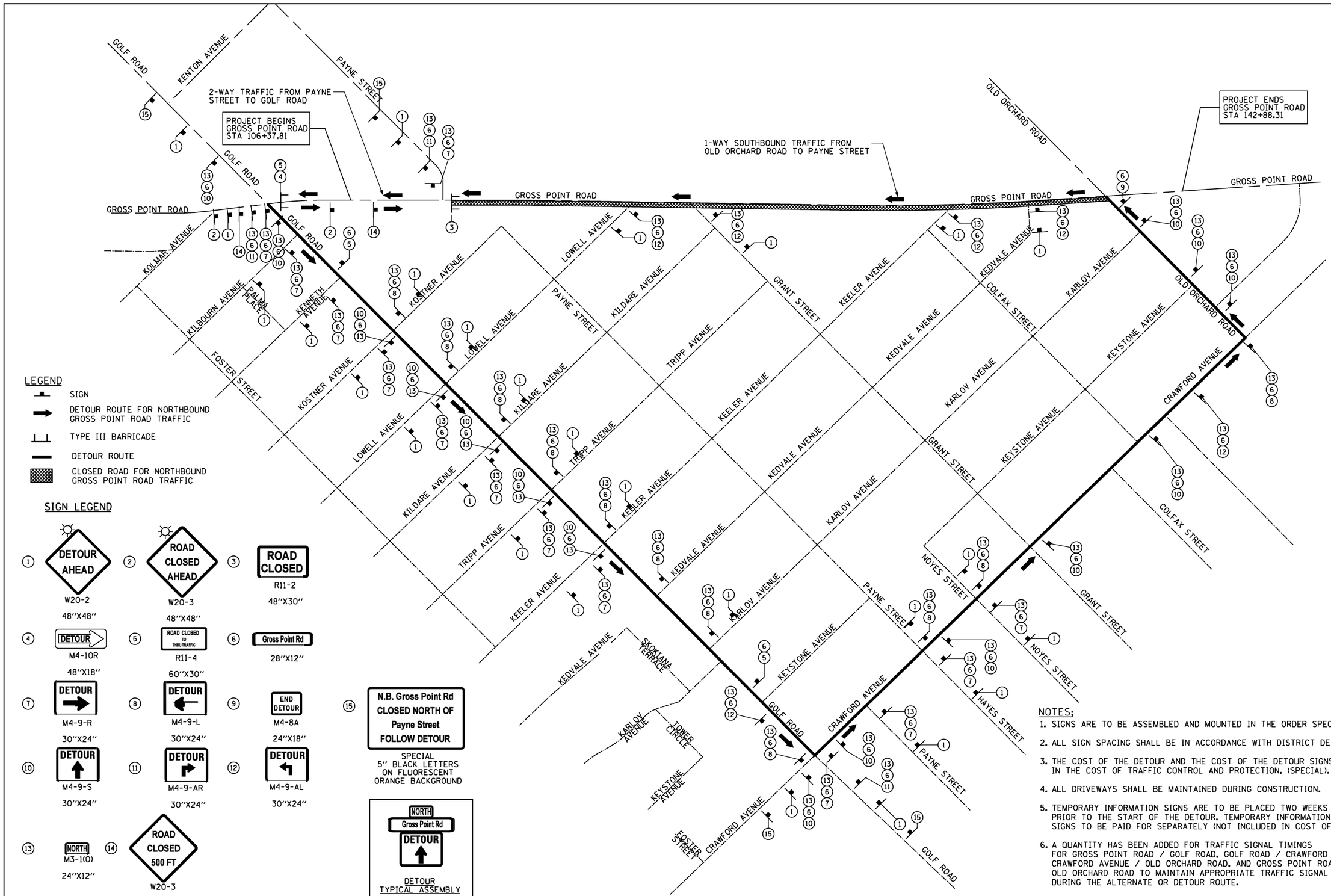
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
DETOUR NOTES

SCALE: NONE | 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	36
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		



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.

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	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
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.

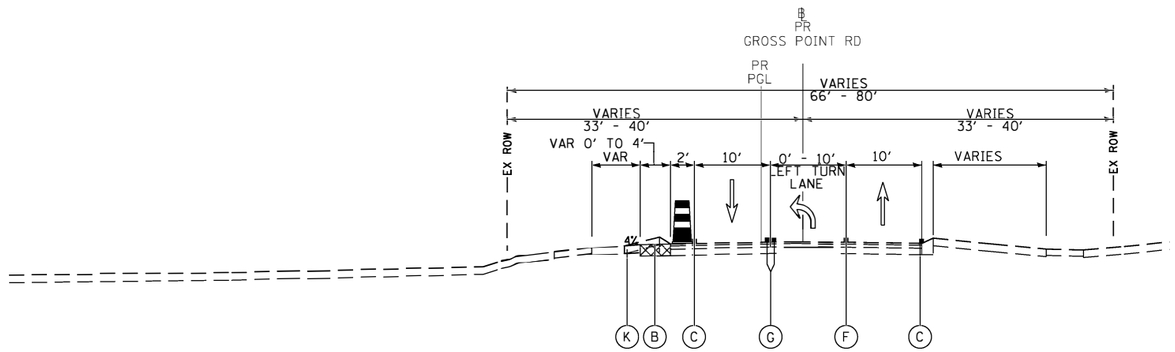
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

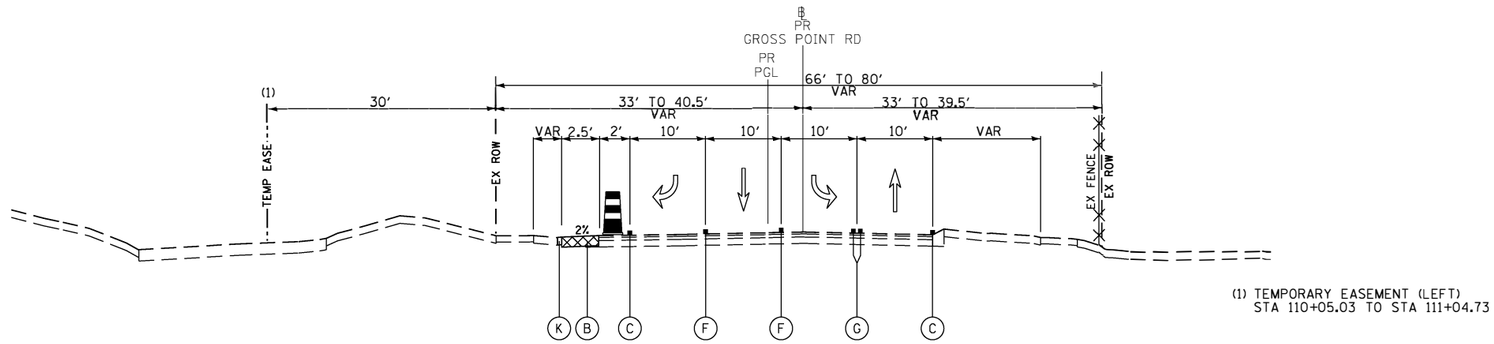
GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
SUGGESTED MAINTENANCE OF TRAFFIC – GENERAL NOTES

SCALE: NONE | SHEET 1 OF 11 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	38
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

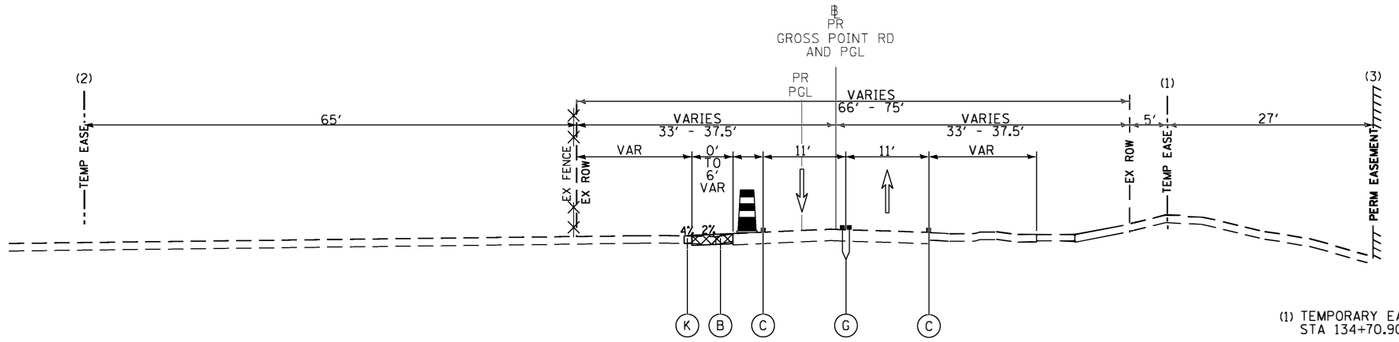


PRESTAGE TYPICAL SECTION
GROSS POINT ROAD
STATION 105+14.17 TO STATION 110+04.84



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

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



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

(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

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

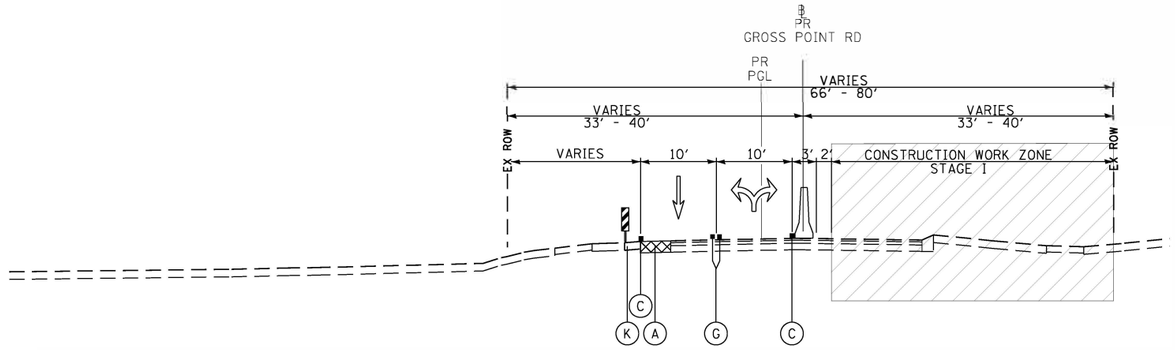
TEMPORARY PAVEMENT
WORK ZONE
DIRECTION OF TRAFFIC
TYPE II BARRICADE OR DRUM
TEMPORARY CONCRETE BARRIER
VERTICAL PANEL

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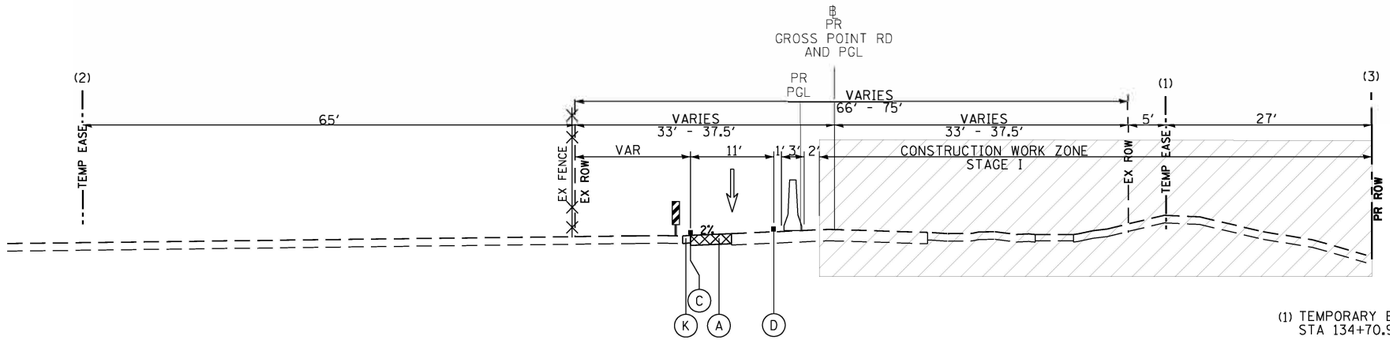
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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
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	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

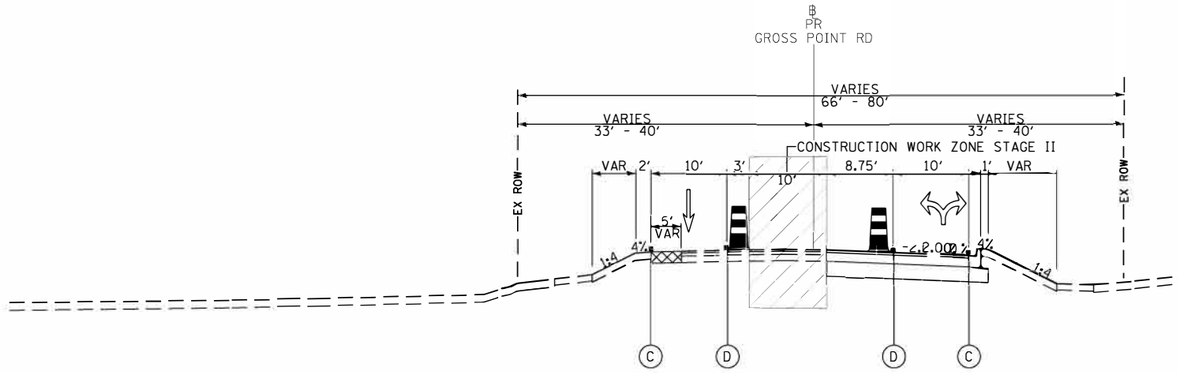
- (A) TEMPORARY PAVEMENT CONSTRUCTED IN PRE STAGE
- (B) TEMPORARY PAVEMENT CONSTRUCTED IN CURRENT STAGE
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
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- (F) TEMPORARY PAVEMENT MARKING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

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

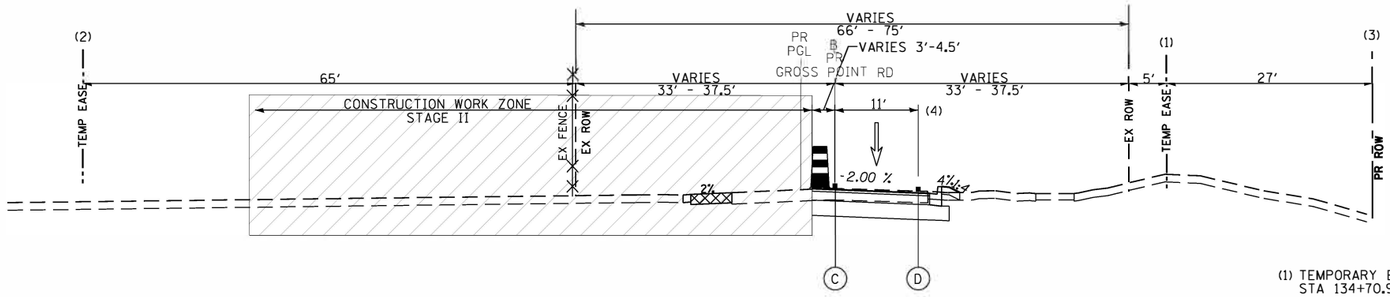
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GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
SUGGESTED MAINTENANCE OF TRAFFIC STAGE I TYPICAL SECTIONS
SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	40
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		



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



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

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

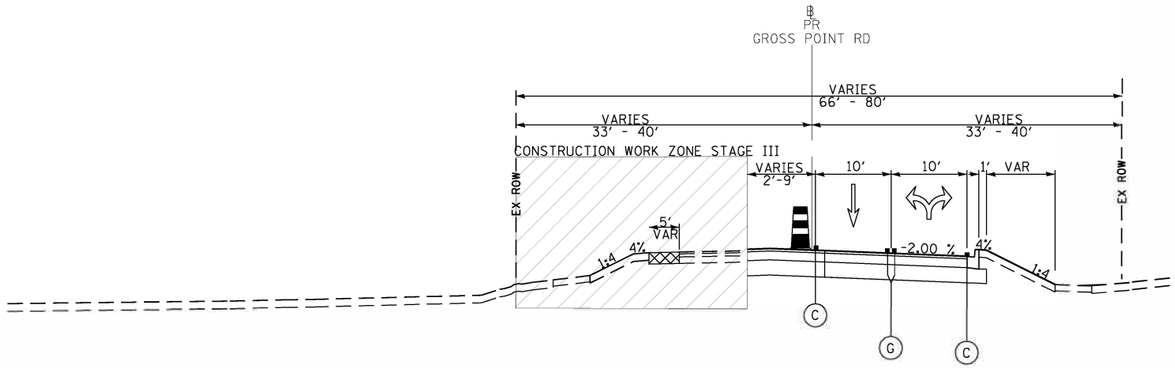
TEMPORARY PAVEMENT
WORK ZONE
DIRECTION OF TRAFFIC
TYPE II BARRICADE OR DRUM
TEMPORARY CONCRETE BARRIER
VERTICAL PANEL

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -
		DRAWN - MLB	REVISED -
	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 II TYPICAL SECTIONS
SHEET 4 OF 11 SHEETS STA. TO STA.

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



STAGE III TYPICAL SECTION
GROSS POINT ROAD
STATION 105+14.17 TO STATION 110+00.00

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

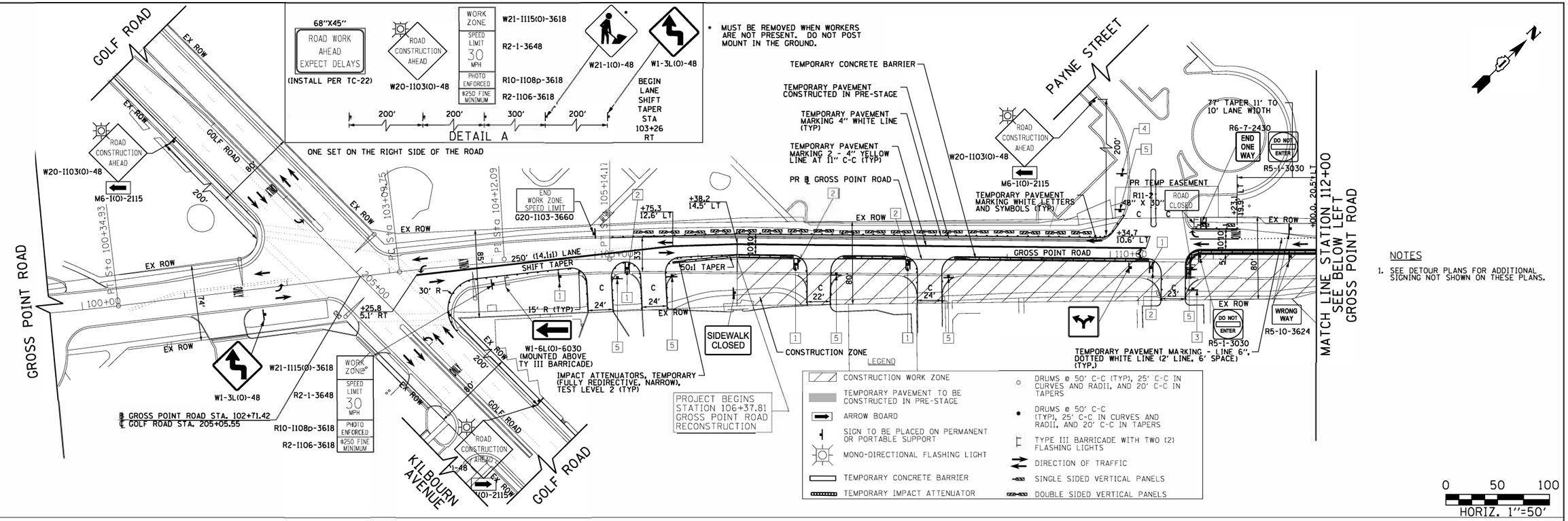
- (A) TEMPORARY PAVEMENT CONSTRUCTED IN PRE STAGE
- (B) TEMPORARY PAVEMENT CONSTRUCTED IN CURRENT STAGE
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- (F) TEMPORARY PAVEMENT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

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

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

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
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		



NOTES

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

FILE NAME = Invalid expression' Default	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**
		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50' SHEET 6 OF 11 SHEETS STA. 106+37.81 TO STA. 123+00.00
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	43
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

FOR NOTES AND LEGEND
SEE SHEET NO 43

GROSS POINT ROAD
SEE SHEET NO. 43
MATCH LINE STATION 123+00

WORK ZONE
SPEED LIMIT 30 MPH
PHOTO ENFORCED
$250 FINE MINIMUM

W21-1115(0)-3618
R2-1-3648
R10-1108p-3618
R2-1106-3618

TEMPORARY PAVEMENT MARKING 4" WHITE LINE (TYP)
TEMPORARY PAVEMENT CONSTRUCTED IN PRE-STAGE
PR ℄ GROSS POINT ROAD
TEMPORARY CONCRETE BARRIER (TYP)
Pr ℄ Sta 128+22.95
EX ROW
GROSS POINT ROAD
125+00
130+00
15' R (TYP)
IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2 (TYP)
TEMPORARY PAVEMENT MARKING 4" YELLOW LINE (TYP)
CONSTRUCTION ZONE
PR TEMP EASEMENT
KEELER AVENUE
5' R
DO NOT ENTER
R5-1
30" X 30"
ROAD CONSTRUCTION AHEAD
W20-1103(0)-48
M6-1(0)-2115
PR ℄ KEELER AVENUE
MATCH LINE STATION 134+00
SEE BELOW RIGHT
GROSS POINT ROAD

0 50 100
HORIZ. 1"=50'

OLD ORCHARD ROAD
PRINCETON AVENUE
PROJECT BEGINS
STATION 303+67.00
OLD ORCHARD ROAD
RESURFACING LIMIT
RECONSTRUCTION ENDS
RESURFACING BEGINS
STATION 139+29.69
GROSS POINT ROAD
IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2 (TYP)
ROAD CLOSED
R11-2
48" X 30"
℄ GROSS POINT ROAD STA. 139+49.74
℄ OLD ORCHARD ROAD STA. 304+97.32
PR TEMP EASEMENT
R6-6-2430
BEGIN ONE WAY
Pr ℄ Sta 136+66.63
TEMPORARY PAVEMENT CONSTRUCTED IN PRE-STAGE
TEMPORARY PAVEMENT MARKING 4" WHITE LINE (TYP)
TEMPORARY CONCRETE BARRIER (TYP)
EX ROW
GROSS POINT ROAD
SEE ABOVE RIGHT.
MATCH LINE STATION 134+00
PR ℄ GROSS POINT ROAD
CONSTRUCTION ZONE
PR ℄ KEDVALE AVENUE
KEDVALE AVENUE
DO NOT ENTER
R5-1
30" X 30"
W20-1103(0)-48
M6-1(0)-2115
SIDEWALK CLOSED
PR ℄ OLD ORCHARD ROAD
KARLOV AVENUE
OLD ORCHARD ROAD

W21-1(0)-48
BEGIN LANE DROP TAPER STA 146+50 LT
W21-1115(0)-3618
R2-1-3648
R10-1108p-3618
R2-1106-3618
W20-5L(0)-48
LEFT LANE CLOSED AHEAD
W20-1103(0)-48
ROAD CONSTRUCTION AHEAD
68"X45"
ROAD WORK AHEAD EXPECT DELAYS
(INSTALL PER TC-22)
100' 300' 200' 200' 200'
DETAIL B
ONE SET ON THE RIGHT SIDE OF THE ROAD
• MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.

PR ℄/PGL GROSS POINT ROAD
TEMPORARY PAVEMENT MARKING 4" WHITE LINE (TYP)
TEMPORARY PAVEMENT MARKING - LINE 6", DOTTED WHITE LINE (2' LINE, 6' SPACE) (TYP.)
FLASHING ARROW BOARD
140+00
145+00
GROSS POINT ROAD
+46.7 7.4' LT
+34.5 9.9' RT
+66.7 10.1' LT
305+00
550' (55:1) LANE DROP TAPER
PROJECT ENDS
STATION 306+55.72
OLD ORCHARD ROAD
RESURFACING LIMIT
PROJECT ENDS
STATION 142+88.31
GROSS POINT ROAD
RESURFACING LIMIT
LEFT TURN LANE
R3-1100L-2424
M6-2L-2115
W20-1103(0)-48
M6-1(0)-2115
DIRECTION INDICATOR BARRICADES W/ STEADY BURN LIGHTS @ 20' C-C
TEMPORARY PAVEMENT MARKING SOLID YELLOW LINE (TYP)
GROSS POINT ROAD

0 50 100
HORIZ. 1"=50'

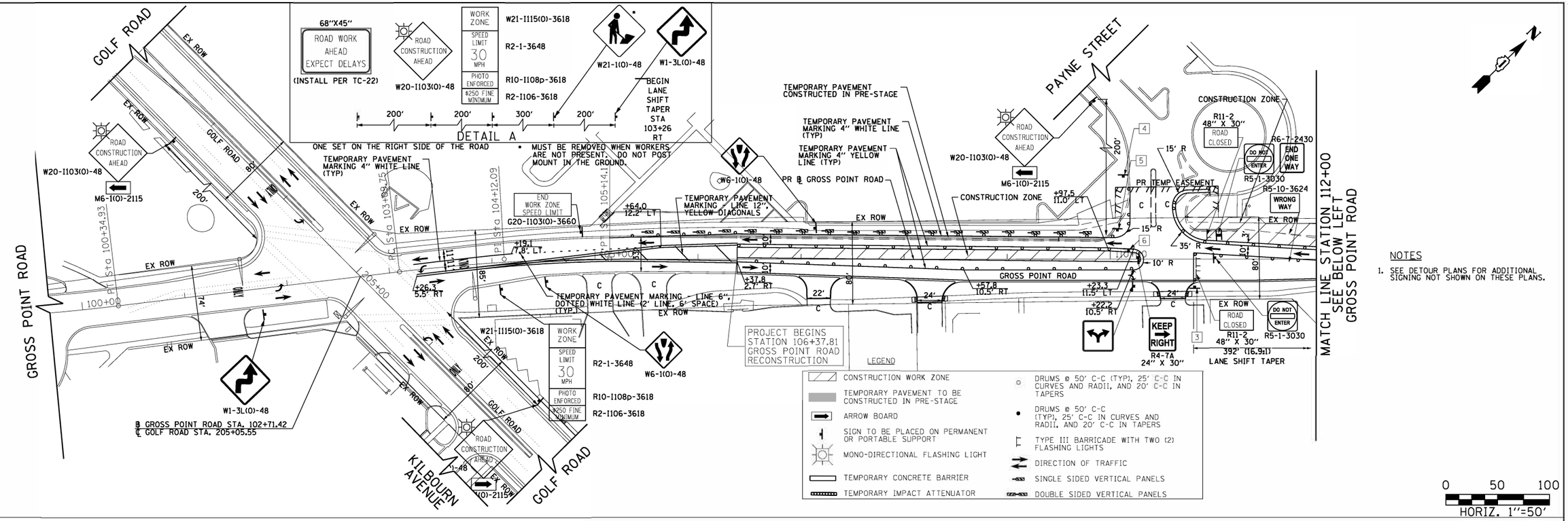
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	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=50' | SHEET 7 OF 11 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	44
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



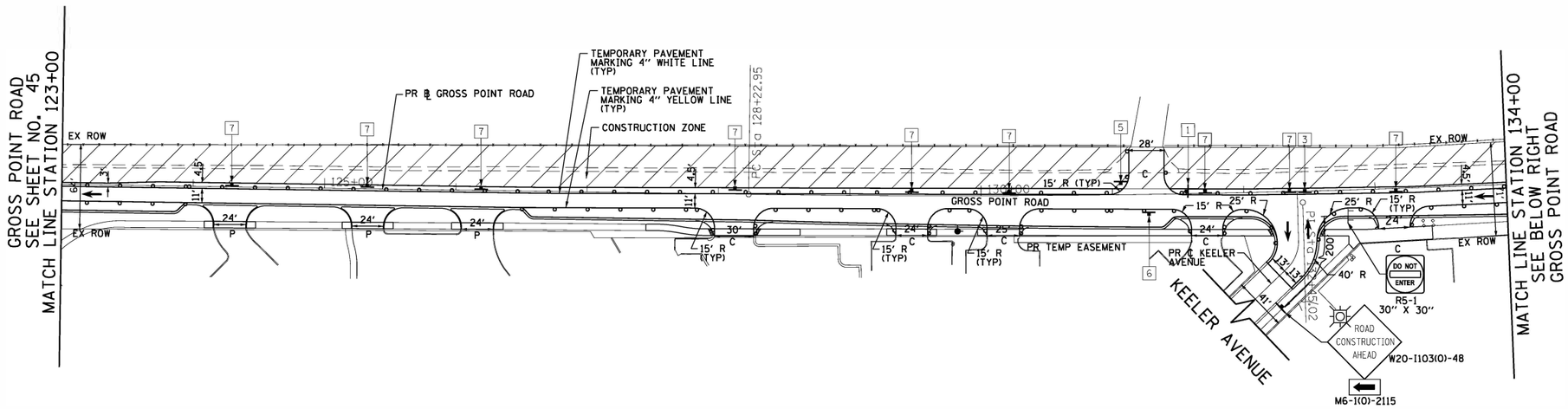
NOTES

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

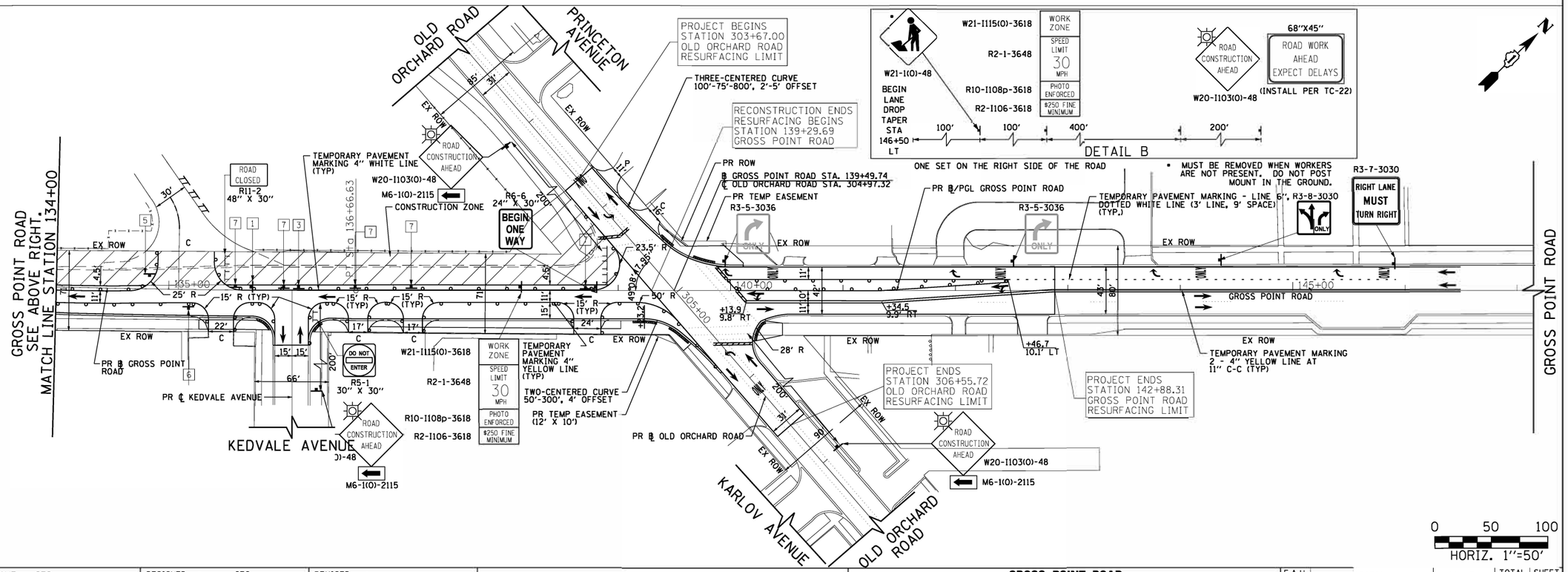
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		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50' SHEET 8 OF 11 SHEETS STA. 106+37.81 TO STA. 123+00.00
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	45
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			

FOR NOTES AND LEGEND
SEE SHEET NO 45



0 50 100
HORIZ. 1"=50'



0 50 100
HORIZ. 1"=50'

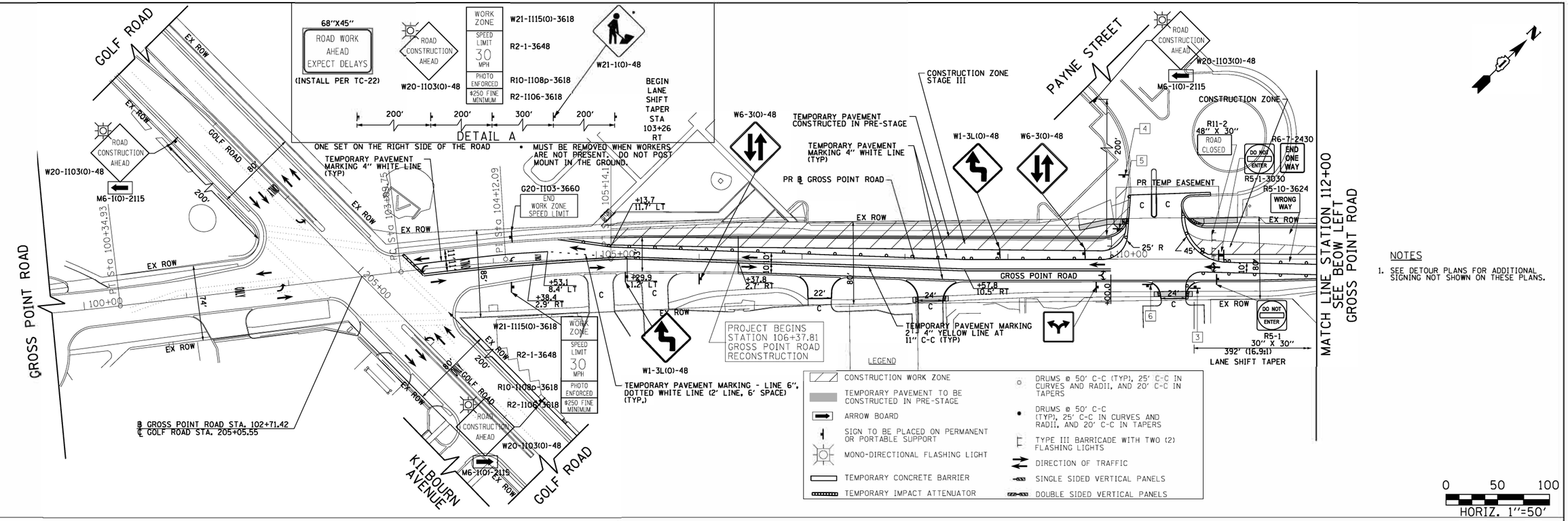
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Default	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=50' | SHEET 9 OF 11 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	46
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		



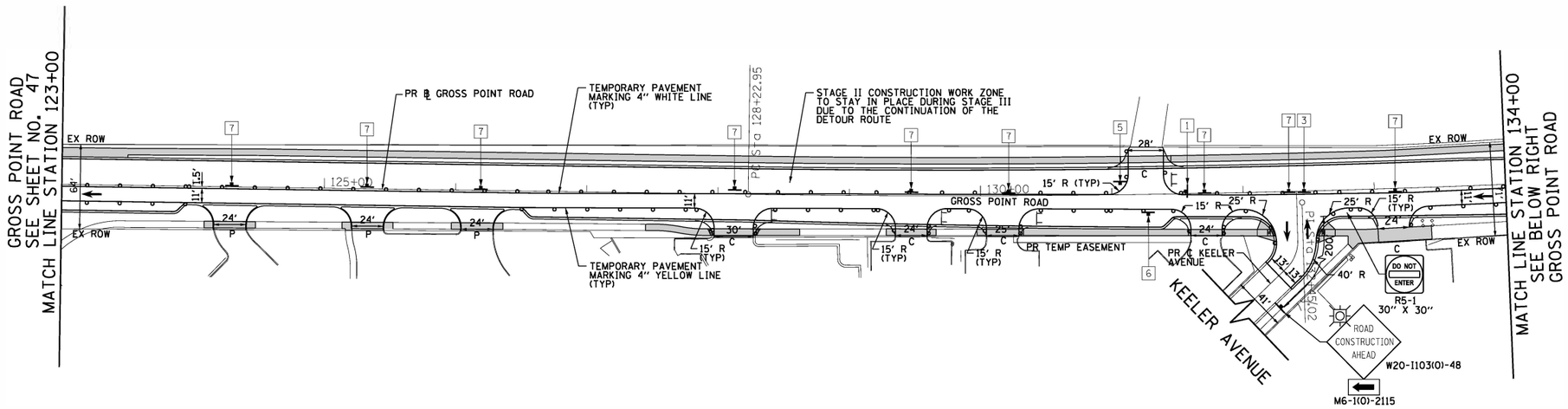
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		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50' SHEET 10 OF 11 SHEETS STA. 106+37.81 TO STA. 123+00.00
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

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			

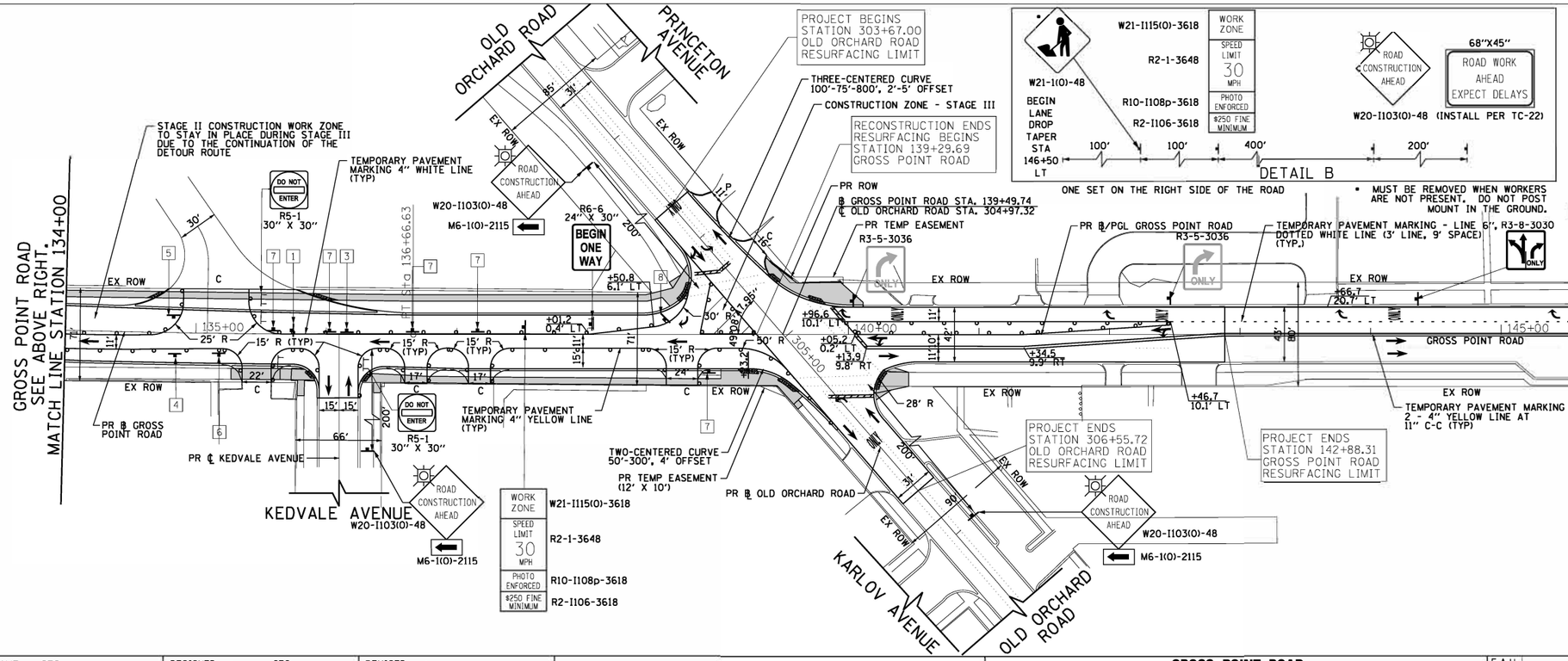
NOTES

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

FOR NOTES AND LEGEND
SEE SHEET NO 47



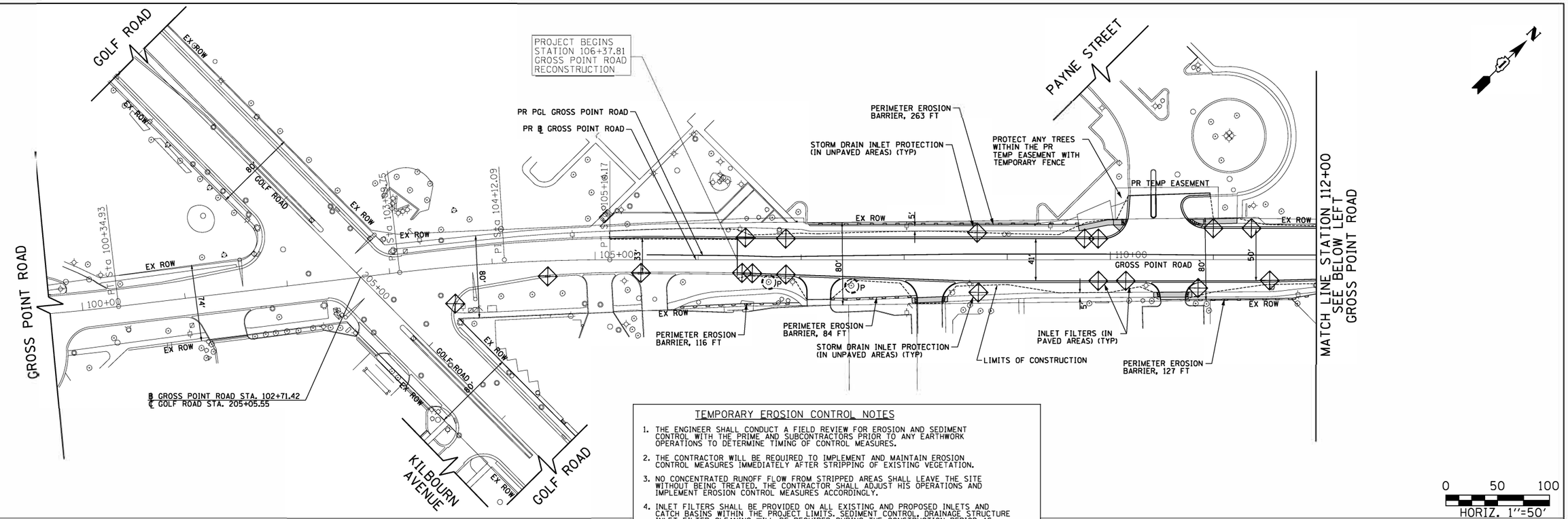
0 50 100
HORIZ. 1"=50'



0 50 100
HORIZ. 1"=50'

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		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50' SHEET 11 OF 11 SHEETS STA. 123+00.00 TO STA. 145+20.00
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

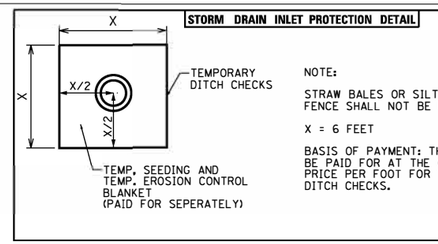
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	48
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		



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 ½" 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 SEEDED.

STORM DRAIN INLET PROTECTION DETAIL

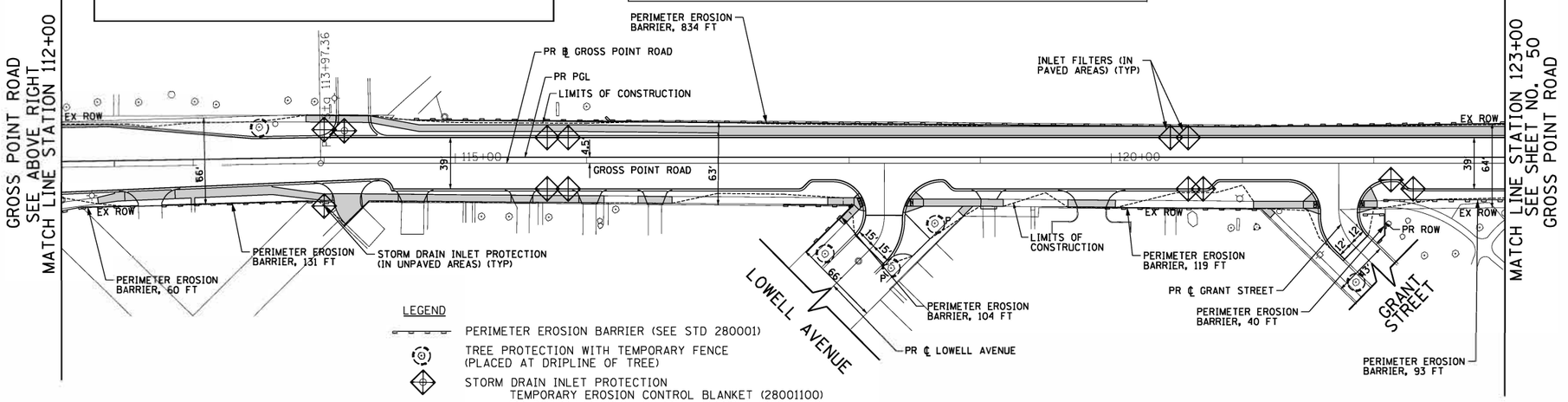


NOTE:

STRAW BALES OR SILT FILTER FENCE SHALL NOT BE USED.

X = 6 FEET

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR TEMPORARY DITCH CHECKS.



LEGEND

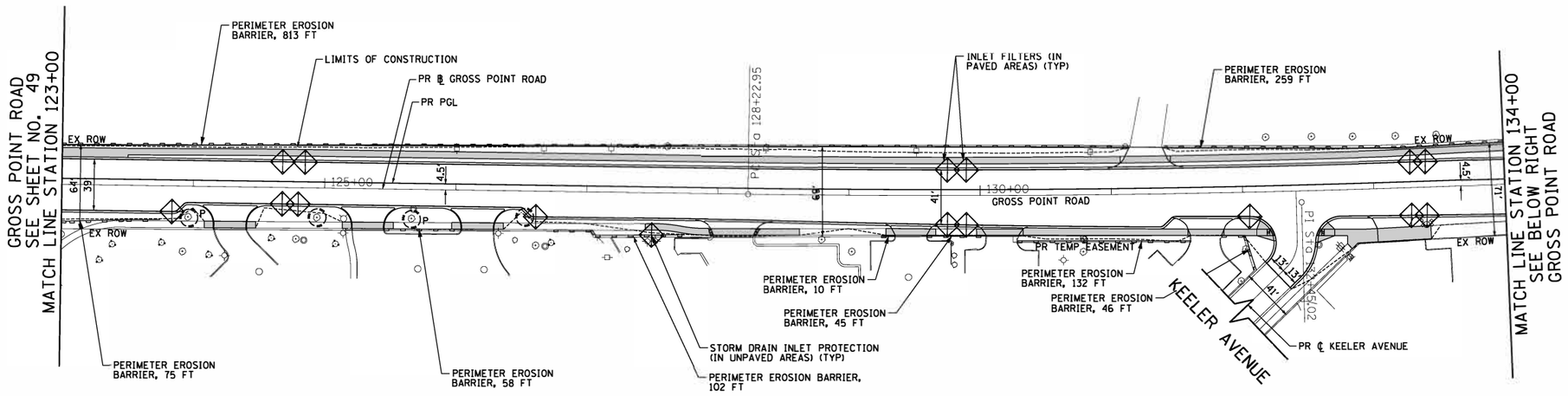
- PERIMETER EROSION BARRIER (SEE STD 280001)
- TREE PROTECTION WITH TEMPORARY FENCE (PLACED AT DRIPLINE OF TREE)
- STORM DRAIN INLET PROTECTION
  - TEMPORARY EROSION CONTROL BLANKET (28001100)
  - TEMPORARY EROSION CONTROL SEEDING (28000250)
  - TEMPORARY DITCH CHECK (28000305)
  - OR INLET FILTERS IN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

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

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

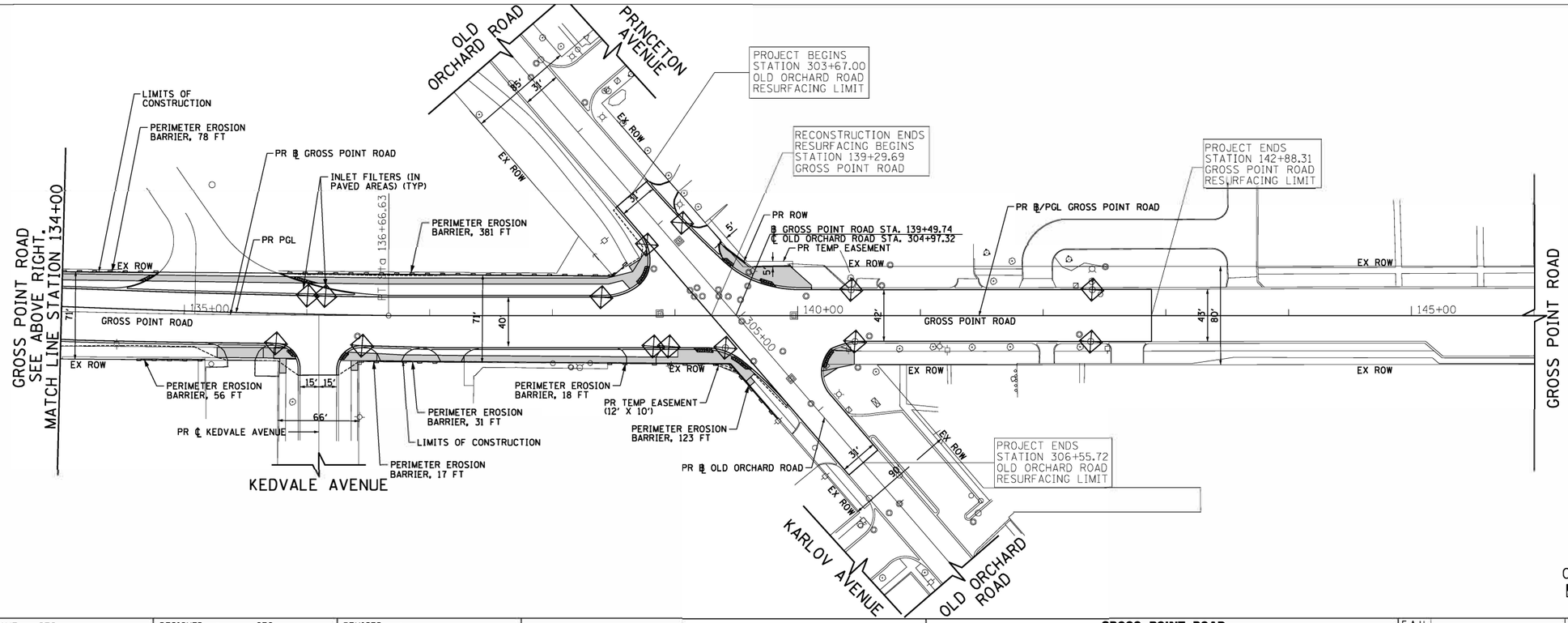
SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 106+37.81 TO STA. 123+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	49
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		



FOR NOTES, DETAIL
AND LEGEND
SEE SHEET NO. 49

0 50 100
HORIZ. 1''=50'



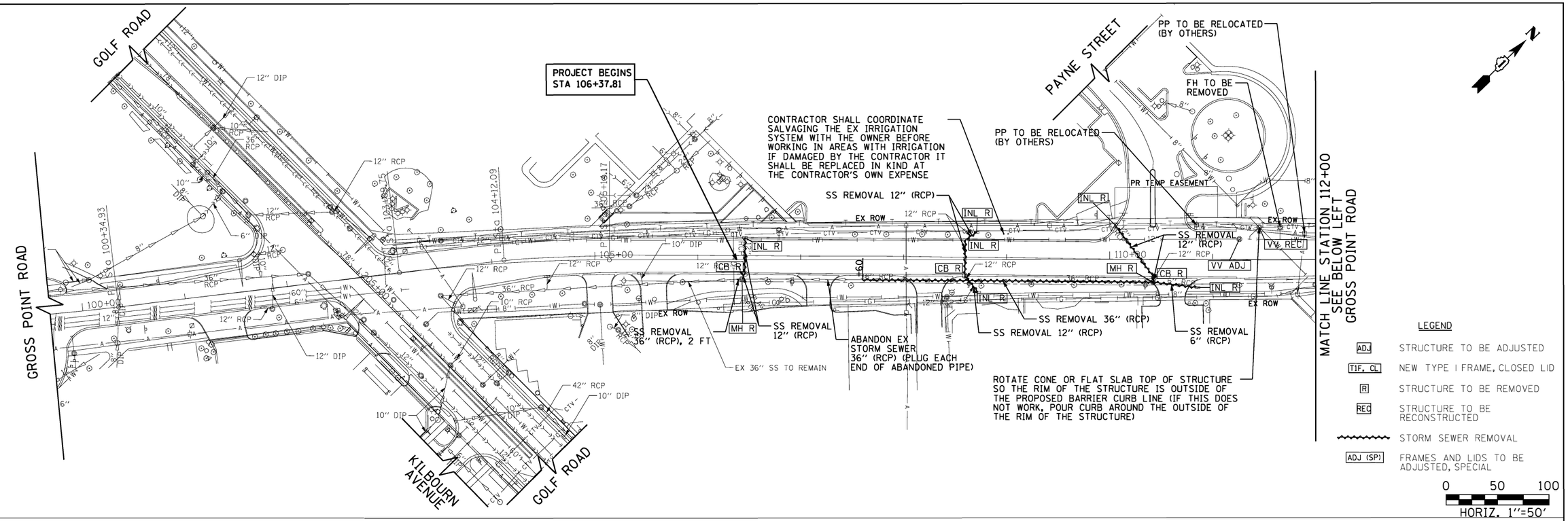
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HORIZ. 1''=50'

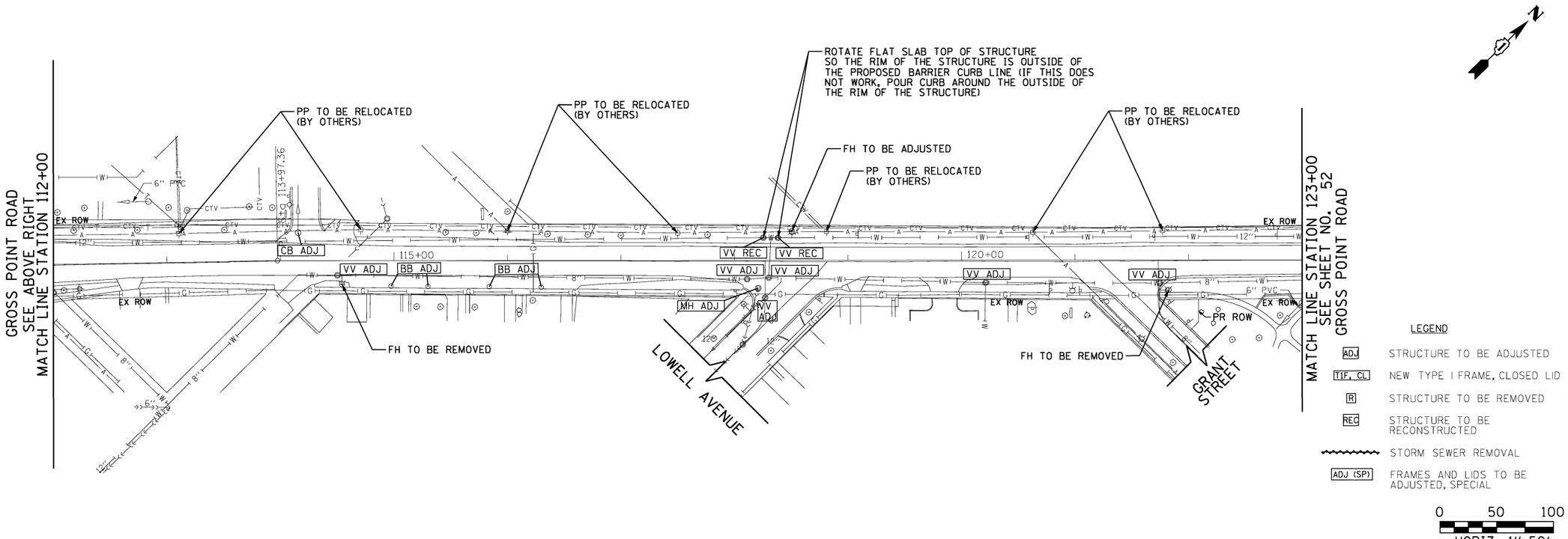
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		DRAWN - MLB	REVISED -	
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -	

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		





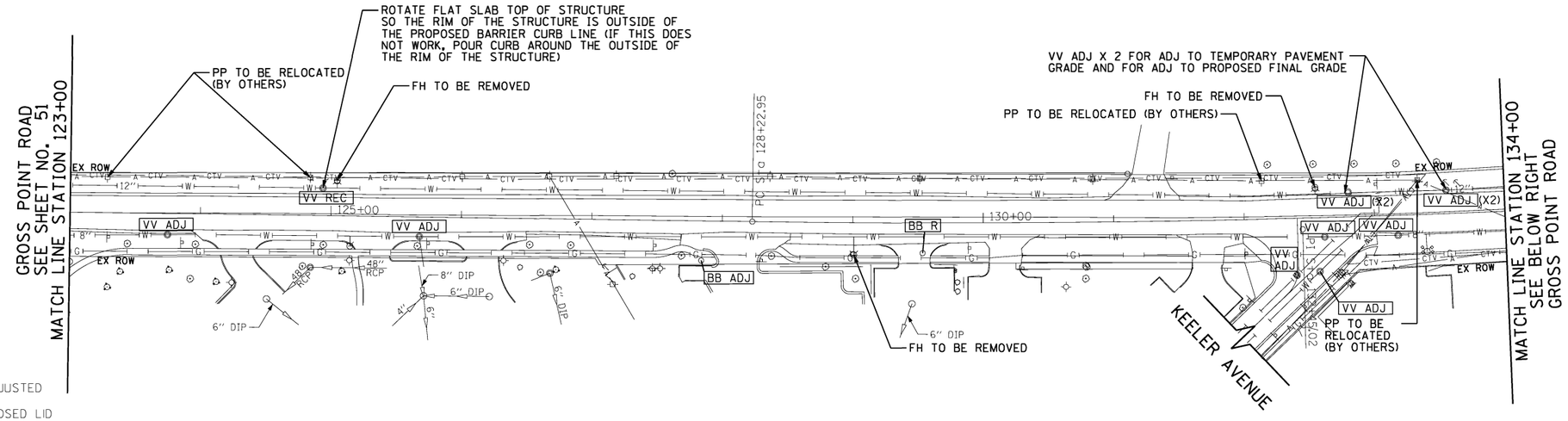
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

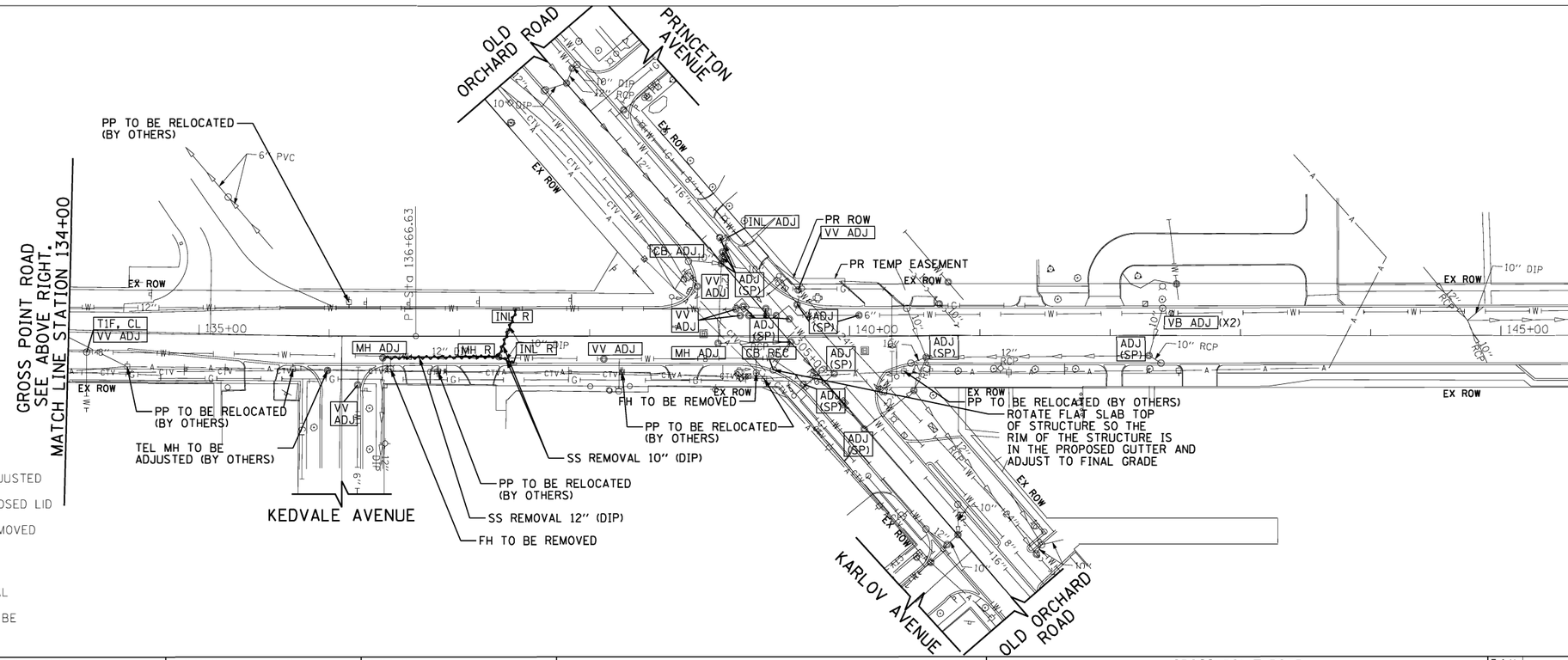
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
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		





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		DRAWN - MLB	REVISED -
	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
DRAINAGE 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	52
		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	
1-1	106+43.00	18.6' RT	106+43.00	20.6' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	635.94						EX 36"=628.49		628.69	60223800
1-2	106+42.00	7.3' RT	106+43.50	6.0' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	635.79		628.70		628.70					60223800
1-3	106+52.50	13.2' RT	106+52.50	13.2' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	635.73		632.23							60237460
1-4	106+46.00	20.5' LT	106+46.00	20.5' LT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	635.70		632.20							60237460
1-5	106+42.50	12.8' RT	106+44.00	12.9' RT	CATCH BASINS, SPECIAL	635.67				628.69				628.69	XX008824
1-6	106+85.00	14.4' RT	106+85.00	12.9' RT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	635.87						632.08	632.08		60205030
1-7	106+85.00	20.5' LT	106+85.00	21.0' LT	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	635.89	631.91					632.01			60240327
1-8	106+95.00	25.8' LT	106+95.00	24.3' LT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	635.70				631.88	631.88				60203905
1-9	106+80.00	8.6' RT	106+80.00	5.1' RT	MANHOLES, TYPE A, 9' DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	635.98		628.72	632.07			628.72		631.75	X1200042
1-10	108+72.00	31.7' RT	108+72.00	31.7' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	634.89		632.39							60207605
1-11	108+71.00	26.2' LT	108+71.00	26.2' LT	CATCH BASINS, TYPE C, TYPE 8 GRATE	635.28		632.78							60207605
1-12	109+75.00	20.5' LT	109+75.00	21.0' LT	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	636.05		632.17				632.27			60240327
1-13	109+88.26	20.5' LT	109+88.26	21.0' LT	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	636.04	632.02					632.12			60240327
1-14	109+88.26	20.5' RT	109+88.26	21.5' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	635.82	631.82	632.23				631.82			60201330
1-15	109+94.00	5.50' RT	109+94.00	9.5' RT	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	636.12		628.82			631.79	628.82		631.82	X6022110
1-16	110+00.00	28.7' LT	110+00.00	27.2' LT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	636.30				631.97	631.97				60203905
1-17	110+15.00	20.5' RT	110+15.00	20.5' RT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	635.85						632.35			60237460
1-18	110+75.00	11.0' RT	110+75.00	8.0' RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	636.26		628.84	632.98			628.84			60224459
1-19	110+85.00	27.5' RT	110+85.00	27.5' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	635.56							633.06		60207605
1-20	111+00.00	30.5' LT	111+00.00	30.5' LT	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	636.15		632.65							60237460
1-21	111+37.00	30.5' LT	111+37.00	31.5' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	636.31				632.48		632.48			60201330
1-22	111+55.00	20.2' RT	111+55.00	20.2' RT	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	636.42								632.92	60208230
1-23	111+55.00	5.1' RT	111+55.00	1.6' RT	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	636.72		628.86		632.85		628.86		632.32	60224469

PIPE NUMBER (P)	STRUCTURE (S)		DESCRIPTION	CLASS	TYPE	SIZE (INCH)	LENGTH (FT)	SLOPE (%)	TBF (CY)	PAY ITEM NUMBER
	FROM	TO								
1-1	1-5	1-1	STORM SEWERS, RG	A	2	36	3	0.10%	3	550A2600
1-2	1-2	1-5	STORM SEWERS, RG	A	2	36	2	0.10%	2	550A2600
1-3	1-9	1-2	STORM SEWERS, RG	A	2	36	29	0.10%	24	550A2600
1-4	1-3	1-6	STORM SEWERS, RG	A	1	12	30	0.50%	4	550A2320
1-5	1-6	1-9	STORM SEWERS, RG	A	1	12	3	0.50%	1	550A2320
1-6	1-4	1-7	STORM SEWERS (WM REQ)	0	0	12	37	0.50%	5	Z0056608
1-7	1-7	1-8	STORM SEWERS (WM REQ)	0	0	12	7	0.50%	2	Z0056608
1-8	1-8	1-9	STORM SEWERS, RG	A	1	12	26	0.50%	5	550A2320
1-9	1-15	1-9	STORM SEWERS, RG	A	1	48	305	0.030%	217	550A2420
1-10	1-10	1-14	STORM SEWERS (WM REQ)	0	0	12	114	0.50%	11	Z0056608
1-11	1-17	1-14	STORM SEWERS, RG	A	1	12	25	0.50%	3	550A2320
1-12	1-14	1-15	STORM SEWERS, RG	A	1	12	7	0.50%	2	550A2320
1-13	1-11	1-12	STORM SEWERS (WM REQ)	0	0	12	102	0.50%	8	Z0056608
1-14	1-12	1-13	STORM SEWERS (WM REQ)	0	0	12	10	0.50%	2	Z0056608
1-15	1-13	1-16	STORM SEWERS (WM REQ)	0	0	12	10	0.50%	2	Z0056608
1-16	1-16	1-15	STORM SEWERS, RG	A	2	12	30	0.50%	6	550A2520
1-17	1-18	1-15	STORM SEWERS, RG	A	1	48	72	0.030%	53	550A2420
1-18	1-19	1-18	STORM SEWERS, RG	A	1	12	17	0.50%	1	550A2320
1-19	1-23	1-18	STORM SEWERS, RG	A	2	48	72	0.03%	59	550A2620
1-20	1-20	1-21	STORM SEWERS (WM REQ)	0	0	12	34	0.50%	5	Z0056608
1-21	1-21	1-23	STORM SEWERS, RG	A	2	12	32	0.50%	6	550A2520
1-22	1-22	1-23	STORM SEWERS, RG	A	1	12	13	0.50%	2	550A2320
1-23	2-1	1-23	STORM SEWERS, RG	A	2	48	237	0.03%	241	550A2620

FILE NAME = Invalid expression*
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USER NAME = CEComin
PLOT SCALE = 50 SCALE
PLOT DATE = 5/18/2022

DESIGNED - CEC
DRAWN - MLB
CHECKED - DWB
DATE - 5/20/2022

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
DRAINAGE SCHEDULE

SCALE: NONE | SHEET 1 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	53
		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

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		DRAWN - MLB	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

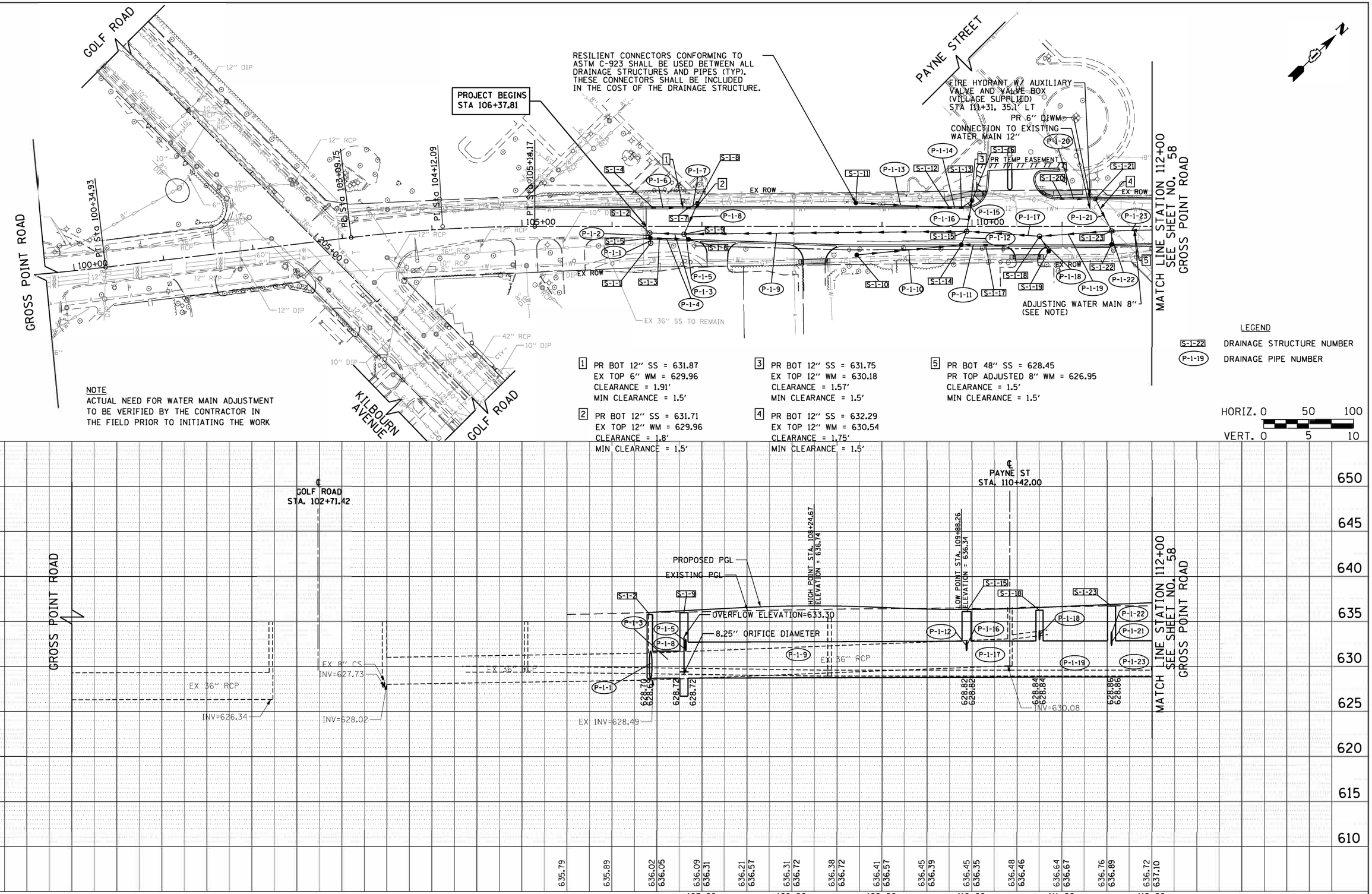
GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
DRAINAGE SCHEDULE

SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	55
		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	
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



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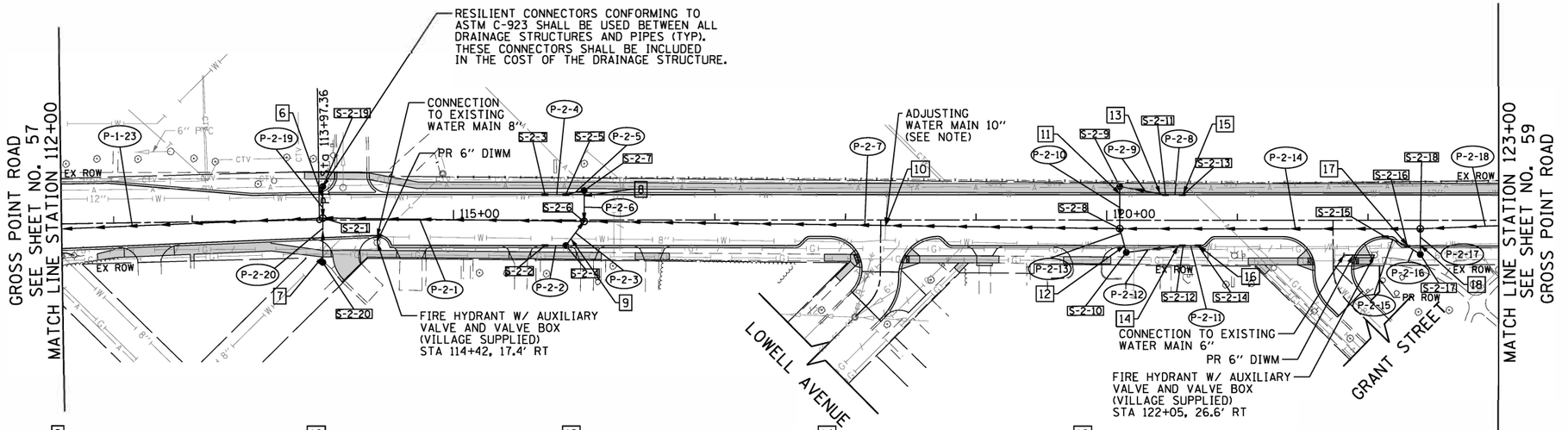
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE

SCALE: 1"=50' | SHEET 5 OF 8 SHEETS | STA. 106+37.81 TO STA. 112+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	57
		CONTRACT NO. 61H23		
		ILLINOIS FED. AID PROJECT		

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



6 PR BOT 12" SS = 634.33
EX TOP 12" WM = 630.97
CLEARANCE = 3.36'
MIN CLEARANCE = 1.5'

7 PR BOT 12" SS = 634.21
EX TOP 8" WM = 630.5
CLEARANCE = 3.71'
MIN CLEARANCE = 1.5'

8 PR BOT 12" SS = 633.13
EX TOP 8" WM = 630.84
CLEARANCE = 2.29'
MIN CLEARANCE = 1.5'

9 PR BOT 12" SS = 633.10
EX TOP 12" WM = 631.28
CLEARANCE = 1.82'
MIN CLEARANCE = 1.5'

10 PR BOT 48" SS = 628.64
PR TOP ADJUSTED 10" WM = 627.14
CLEARANCE = 1.5'
MIN CLEARANCE = 1.5'

11 PR BOT 12" SS = 632.73
EX TOP 12" WM = 630.93
CLEARANCE = 1.8'
MIN CLEARANCE = 1.5'

12 PR BOT 12" SS = 632.55
EX TOP 8" WM = 630.9
CLEARANCE = 1.56'
MIN CLEARANCE = 1.5'

13 PR BOT 12" SS = 632.92
EX TOP 12" WM = 630.9
CLEARANCE = 2.02'
MIN CLEARANCE = 1.5'

14 PR BOT 12" SS = 632.75
EX TOP 8" WM = 630.99
CLEARANCE = 1.76'
MIN CLEARANCE = 1.5'

15 PR BOT SS STRUCTURE = 632.75
EX TOP 12" WM = 630.88
CLEARANCE = 1.87'
MIN CLEARANCE = 1.5'

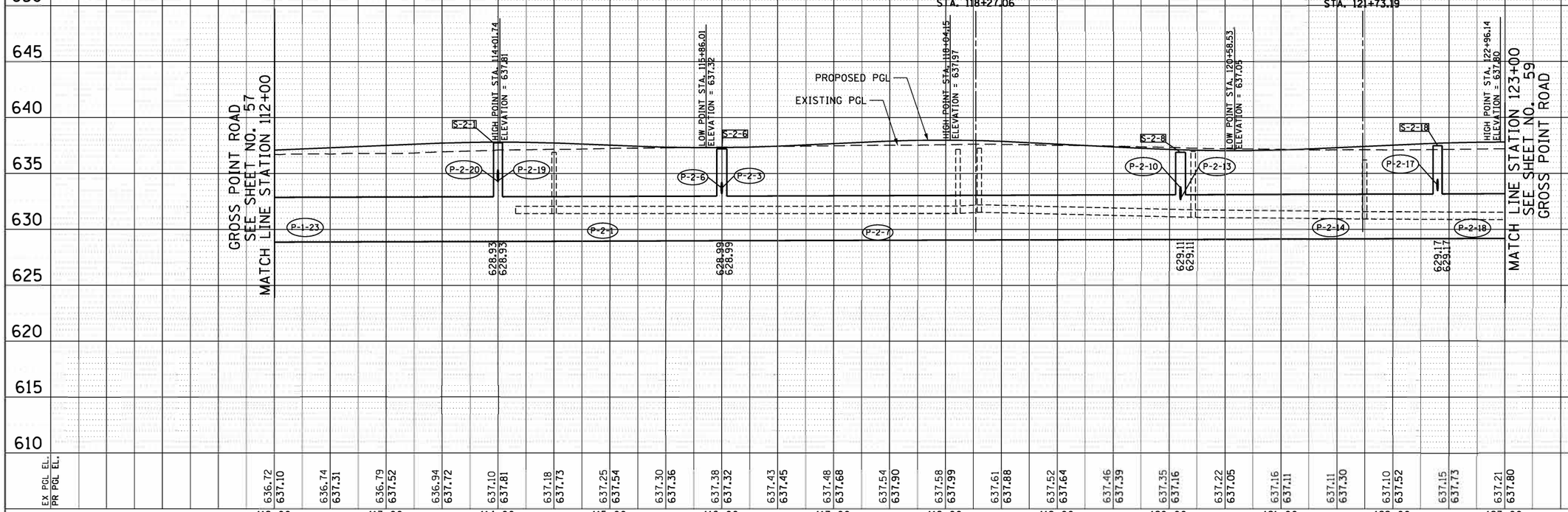
16 PR BOT SS STRUCTURE = 632.58
EX TOP 8" WM = 631.08
CLEARANCE = 1.5'
MIN CLEARANCE = 1.5'

17 PR BOT SS STRUCTURE = 632.89
EX TOP 8" WM = 630.78
CLEARANCE = 2.11'
MIN CLEARANCE = 1.5'

18 PR BOT 12" SS = 633.32
EX TOP 8" WM = 630.79
CLEARANCE = 2.53'
MIN CLEARANCE = 1.5'

LEGEND
DRAINAGE STRUCTURE NUMBER
DRAINAGE PIPE NUMBER
S-2-18
P-2-18

HORIZ. 0 50 100
VERT. 0 5 10



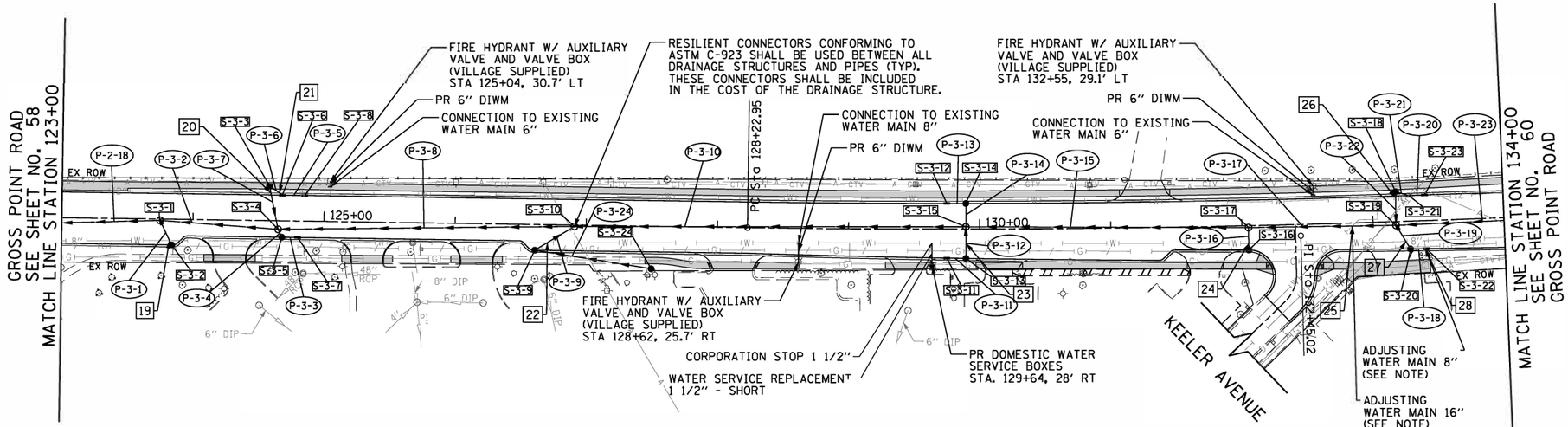
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE
SCALE: 1"=50' | SHEET 6 OF 8 SHEETS | STA. 112+00.00 TO STA. 123+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	58
		CONTRACT NO. 61H23		
		ILLINOIS FED. AID PROJECT		

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



19 PR BOT 12" SS = 633.40
EX TOP 8" WM = 631.20
CLEARANCE = 2.20'
MIN CLEARANCE = 1.5'

20 PR BOT 12" SS = 633.12
EX TOP 12" WM = 631.22
CLEARANCE = 1.9'
MIN CLEARANCE = 1.5'

21 PR BOT 12" SS = 633.14
EX TOP 12" WM = 631.21
CLEARANCE = 1.93'
MIN CLEARANCE = 1.5'

22 PR BOT 12" SS = 634.47
EX TOP 8" WM = 631.67
CLEARANCE = 2.80'
MIN CLEARANCE = 1.5'

23 PR BOT 12" SS = 633.40
EX TOP 8" WM = 631.55
CLEARANCE = 1.85'
MIN CLEARANCE = 1.5'

24 PR BOT 12" SS = 633.83
EX TOP 8" WM = 631.69
CLEARANCE = 2.14'
MIN CLEARANCE = 1.5'

25 PR BOT 24" SS = 632.04
PR TOP ADJUSTED 16" WM = 630.54
CLEARANCE = 1.5'
MIN CLEARANCE = 1.5'

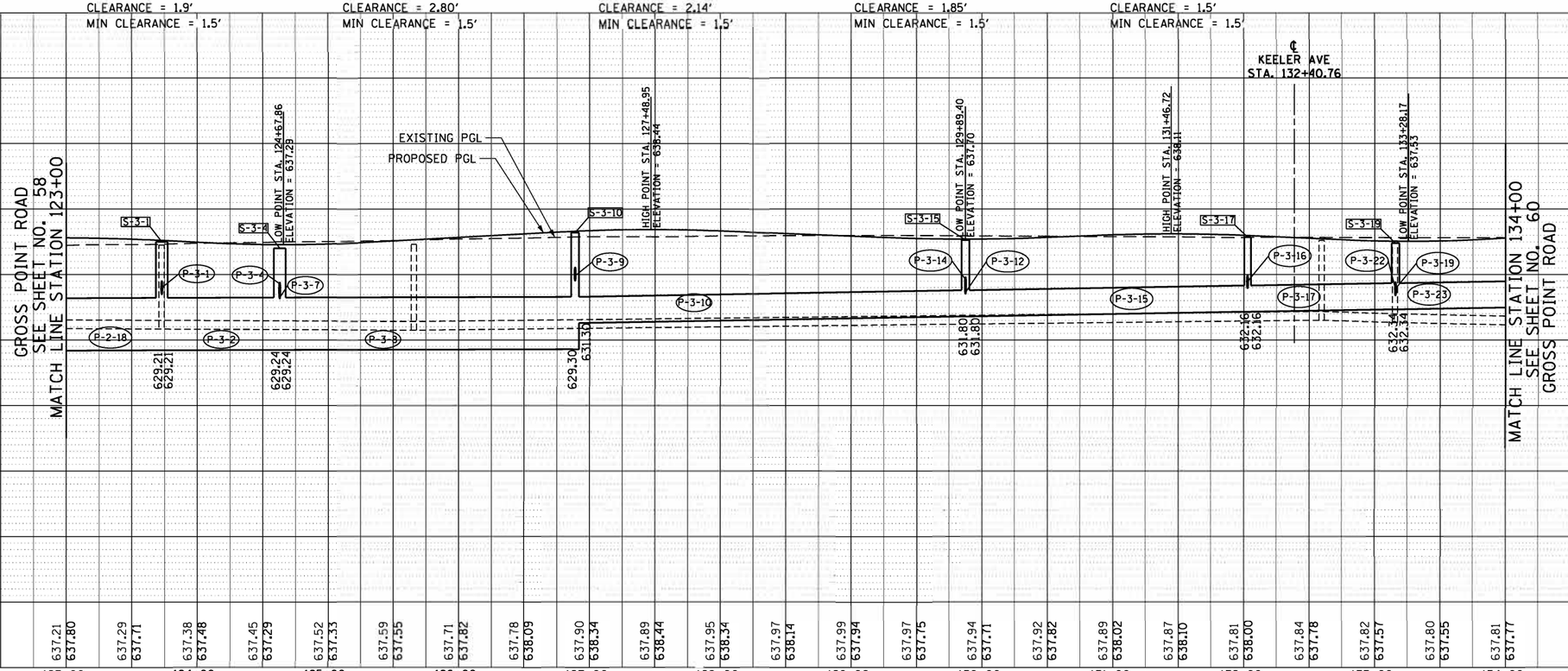
26 PR BOT 12" SS = 633.37
EX TOP 8" WM = 631.52
CLEARANCE = 1.85'
MIN CLEARANCE = 1.5'

27 PR BOT 12" SS = 633.29
EX TOP 8" WM = 631.60
CLEARANCE = 1.69'
MIN CLEARANCE = 1.5'

28 PR BOT SS STRUCTURE = 633.03
PR TOP ADJUSTED 8" WM = 631.53
CLEARANCE = 1.5'
MIN CLEARANCE = 1.5'

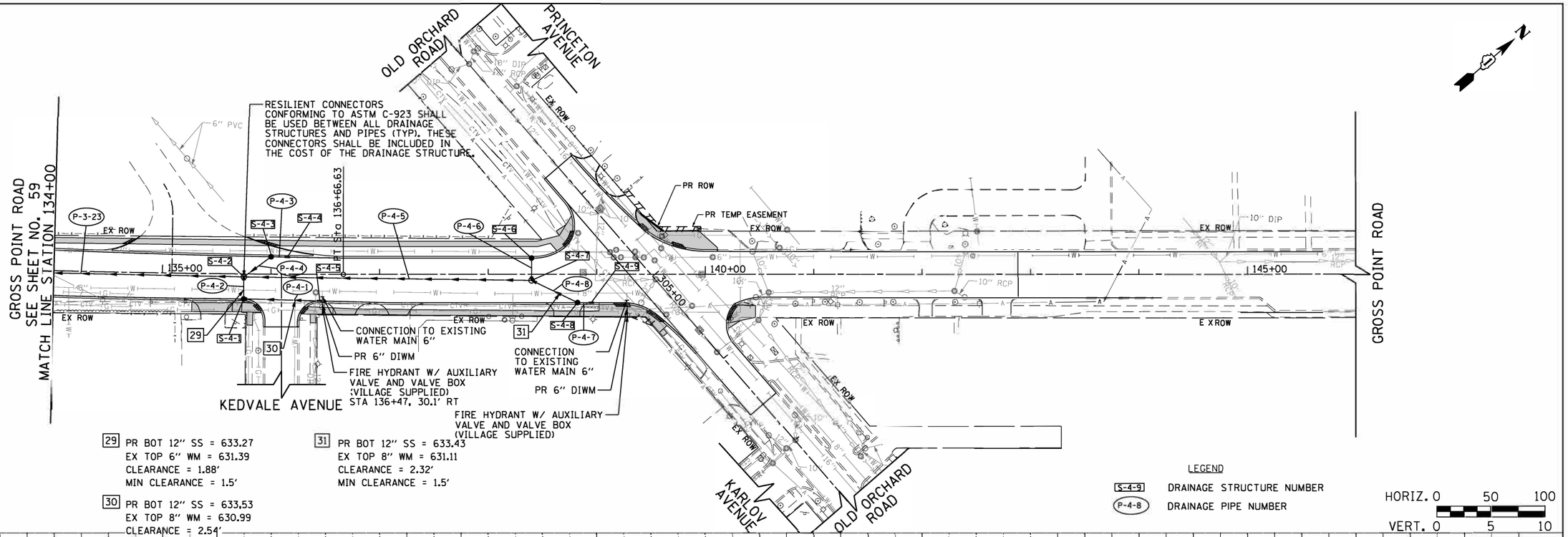
LEGEND
S-3-23 DRAINAGE STRUCTURE NUMBER
(P-3-23) DRAINAGE PIPE NUMBER

HORIZ. 0 50 100
VERT. 0 5 10



FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD DRAINAGE AND UTILITIES PLAN AND PROFILE
		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50' SHEET 7 OF 8 SHEETS STA. 123+00.00 TO STA. 134+00.00
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	59
		CONTRACT NO. 61H23		
		ILLINOIS FED. AID PROJECT		



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

PROFILE — SURVEYED — PLOTTED — DRAWN — CHECKED — ELEV. NOTED — STRUCTURE NOTATNS CHKD — NOTE BOOK — NO. — BY — DATE

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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
DRAINAGE AND UTILITIES PLAN AND PROFILE

SCALE: 1"=50' | SHEET 8 OF 8 SHEETS | STA. 134+00.00 TO STA. 145+20.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	60
		CONTRACT NO. 61H23		
		ILLINOIS FED. AID PROJECT		

N

EX 24" & 30" STORM SEWER (OWNED AND MAINTAINED BY COOK COUNTY DOTH)

EX 15" & 18" COMBINED SEWERS (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 18" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 24" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 27" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 36" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 12' X 4' BOX CULVERTS (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

PR 24"x18" STORM SEWER (CONVEYANCE FACILITY)

EX 36" STORM SEWER (OWNED AND MAINTAINED BY COOK COUNTY DOTH)

EX 24" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 30" STORM SEWER (OWNED AND MAINTAINED BY COOK COUNTY DOTH)

EX 72" & 78" STORM SEWER (IN LINE DETENTION FACILITY)

PROJECT LOCATION

EX 60" STORM DETENTION SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 78" STORM SEWER (IN LINE DETENTION FACILITY)

PR 48" STORM SEWER (IN LINE DETENTION FACILITY)

EX 42" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX UNDERGROUND RESERVOIR

EX 72" STORM SEWER (OWNED AND MAINTAINED BY IDOT)

EX 48" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 78" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

84" OUTFALL FROM MWRDGC 54" INTERCEPTOR/TARP TO NORTH SHORE CHANNEL (OWNED AND MAINTAINED BY MWRDGC)

EX 84" COMBINED SEWER (OUTFALLS INTO MWRDGC 54" INTERCEPTOR/TARP) (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 72" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 36" STORM SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 8" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 78" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 48" STORM SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 84" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

EX 84" COMBINED SEWER (OWNED AND MAINTAINED BY THE VILLAGE OF SKOKIE)

MWRDGC 54" INTERCEPTOR SEWER

EVANSTON

CENTRAL ST. | HARRISON ST. | OLD ORCHARD RD. | GOLF RD. | SIMPSON ST. | FOSTER ST. | EMERSON ST. | LYONS ST. | CHURCH ST. | ARCADIA ST. | DAVIS ST. | GRANT ST. | COLFAX ST. | ELGIN | WESTMORELAND GOLF COURSE | MEMORIAL PARK CEMETERY | NILES NORTH H.S. | OLD ORCHARD SHOPPING CENTER | SKOKIE VAL. HOSPITAL | DOUBLE TREE HOTEL | JEWEL/VENTURE | OLD ORCHARD JR. H.S. | JANE STENSON SCHOOL | HIGHLAND SCHOOL | ST. JOAN OF ARC | PARK | SKOKIANA TOWER | GROSS POINT ROAD | COLE AVE. | WOODS DR. | BRONX AVE. | LAMON AVE. | LACROSSE AVE. | CHERRY PKWY | PEACH | BEVERLY | HARVEST | SKOKIE BLVD. | LAWLER AVE. | PAYNE | WEBER | KNOX | KENTON | KEELER AVE. | KEDVALE | KARLOV | KEELER AVENUE | PALMA | PALMA PL | HARMSWOOD TERR | LEAMINGTON | LECLAIRE AVE. | LOBEL | LATROBE | KILPATRICK | KNOX | POINT | WILSON | LEWIS TERR. | KENNETH | HARDING | SPRINGFIELD | AVERS | PARK | RIDGEWAY | LAWNDALE | CENTRAL PARK | MONTICELLO | DRAKE | FOREST VIEW | WINONA | MORGAN | MANOR CT. | SALEM LA. | WOODLAND RD | McDANIEL | NORTH SHORE CHANNEL | ROAD | WHITE CLOUD | WINDS | RIDGEWAY | DR KORDZA | ARCADIA | C.M.S.T.P. & P. RY. | C.N.S. & M. RY. | GROSS

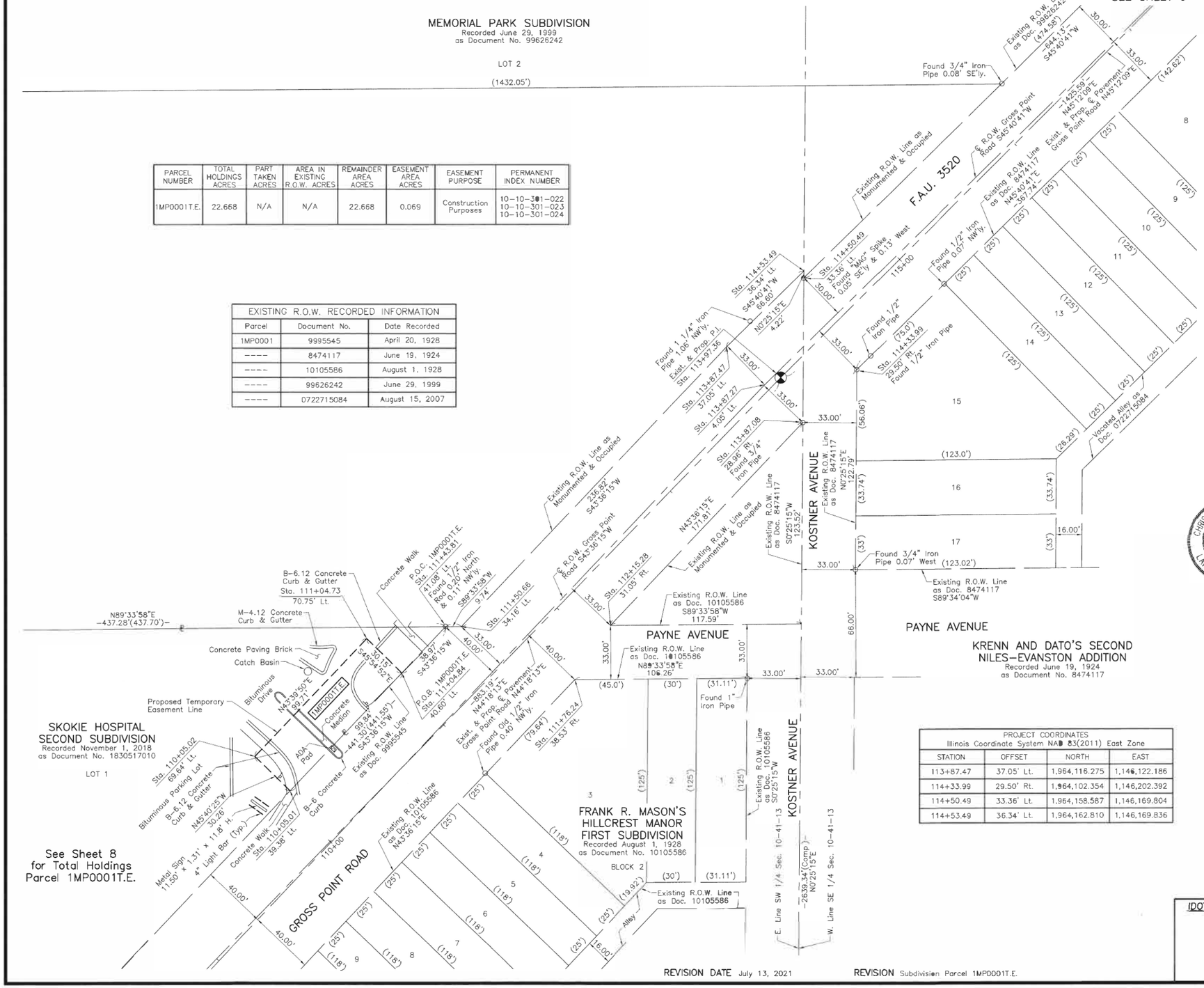
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -	

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

PART OF THE SOUTH 1/2 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
1MP0001T.E.	22.668	N/A	N/A	22.668	0.069	Construction Purposes	10-10-301-022 10-10-301-023 10-10-301-024

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1MP0001	9995545	April 20, 1928
----	8474117	June 19, 1924
----	10105586	August 1, 1928
----	99626242	June 29, 1999
----	0722715084	August 15, 2007

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
113+87.47	37.05' Lt.	1,964,116.275	1,146,122.186
114+33.99	29.50' Rt.	1,964,102.354	1,146,202.392
114+50.49	33.36' Lt.	1,964,158.587	1,146,169.804
114+53.49	36.34' Lt.	1,964,162.810	1,146,169.836

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- 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
- 120.32' MEASURED DIMENSION
- 129.32'(Comp.) (129.32') COMPUTED DIMENSION / RECORD DIMENSION
- EXISTING BUILDING

N

0 30' 60'

SCALE: 1"=30'

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 41 N., 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 20 18 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.

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

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
110+05.01	39.38' Lt.	1,963,844.198	1,145,853.386
110+05.02	69.64' Lt.	1,963,865.340	1,145,831.741
111+04.73	70.75' Lt.	1,963,937.470	1,145,900.583
111+04.84	40.60' Lt.	1,963,916.492	1,145,922.241
111+43.81	41.08' Lt.	1,963,944.714	1,145,949.120
111+50.66	34.16' Lt.	1,963,944.788	1,145,958.857
111+76.24	38.53' Rt.	1,963,912.317	1,146,028.741
112+15.28	31.05' Rt.	1,963,945.483	1,146,050.663
113+87.08	28.96' Rt.	1,964,069.893	1,146,169.153
113+87.27	4.05' Lt.	1,964,093.084	1,146,145.670

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 109+00 TO STATION 117+00
SCALE: 1"=30' SHEET 2 OF 9

IDOT USE ONLY

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

REVISION DATE July 13, 2021 REVISION Subdivision Parcel 1MP0001T.E.

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

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

SHEET 1 OF 8 SHEETS STA. TO STA.

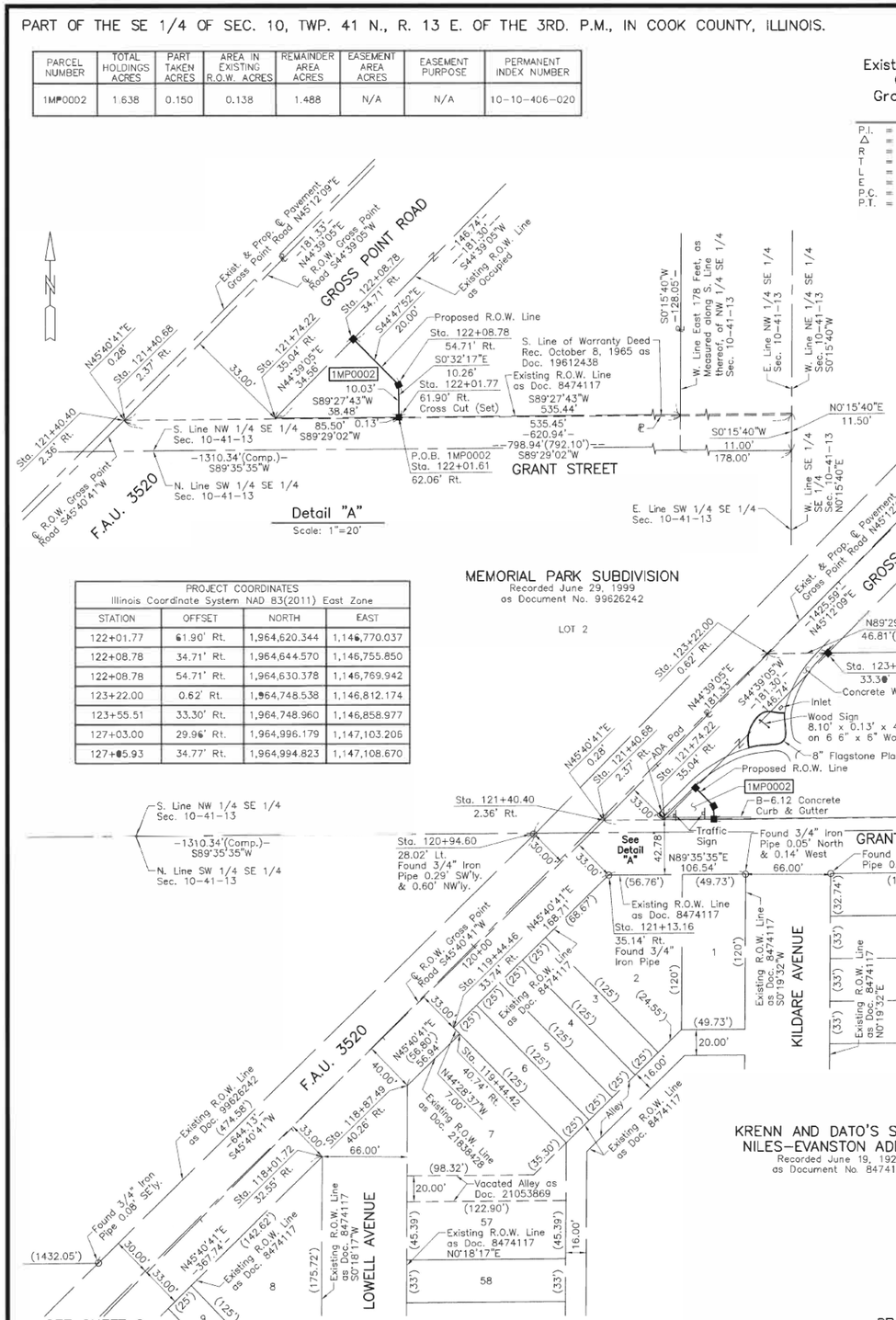
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	62
		CONTRACT NO. 61H23		
		ILLINOIS	FED. AID PROJECT	

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


SEE SHEET 4
1MP0003T.E.
Proposed Temporary Easement Line
See Sheet 4 for Parcel 1MP0003T.E.
Exist. & Prop. ℄ Pavement Gross Point Road N45°12'09"E
GROSS POINT ROAD
Existing R.O.W. Line as Doc. 99626242
S44°31'20"W -1221.79'(1221.99')
Exist. & Prop. P.C. #12 Sta. 128+22.95
Found 1/2" Iron Pipe 0.55' NW'ly.
N44°10'14"E 494.99'
Found 1/2" Iron Pipe
Existing R.O.W. Line as Doc. 16813145
PAUL HERME'S SUBDIVISION
Recorded January 29, 1957
as Document No. 16813145
Found 3/4" Iron Pipe 0.13' NW'ly.
Sta. 127+03.00 29.96' Rt.
S76°04'02"E 5.63'
Sta. 127+05.93 34.77' Rt.
DEVONSHIRE TERRACE CONDOMINIUM
Recorded July 16, 1976
as Document No. 23562310
Existing R.O.W. Line as Doc. 23264640
Exist. & Prop. ℄ Pavement Gross Point Road N45°12'09"E
Sta. 125+00
Sta. 123+55.51 33.30' Rt. Concrete Walk
Inlet
Wood Sign 8.10' x 0.13' x 4.7' H. on 6" x 6" Wood Posts
8" Flagstone Planter
Proposed R.O.W. Line
1MP0002
B-6.12 Concrete Curb & Gutter
Traffic Sign
Found 3/4" Iron Pipe 0.05' North & 0.14' West
Found 3/4" Iron Pipe 0.14' East
Found 3/4" Iron Pipe 0.07' North
Found Cross Cut 1.94' West
Existing R.O.W. Line as Doc. 8474117
Existing R.O.W. Line as Doc. 91476499
Existing R.O.W. Line as Doc. 20696099
KALMES-TURSKI SUBDIVISION
Recorded September 12, 1991
as Document No. 91476499
LOT 1
LOT 2
N. Line of Warranty Deed Rec. October 8, 1965 as Doc. 19612438
S. Line of Warranty Deed Rec. October 8, 1965 as Doc. 19612438
P.O.C. 1MP0002
P.O.B. 1MP0002
W. Line East 178 Feet, as Measured along S. Line thereof, of NW 1/4 SE 1/4 Sec. 10-41-13
E. Line NW 1/4 SE 1/4 Sec. 10-41-13
W. Line NE 1/4 SE 1/4 Sec. 10-41-13
E. Line SW 1/4 SE 1/4 Sec. 10-41-13
W. Line SE 1/4 SE 1/4 Sec. 10-41-13
GRANT STREET
KILDARE AVENUE
TRIPP AVENUE
LOWELL AVENUE
F.A.U. 3520
Sta. 121+40.40 2.36' Rt.
Sta. 120+94.60 28.02' Lt.
Found 3/4" Iron Pipe 0.29' SW'ly. & 0.60' NW'ly.
See Detail "A"
Sta. 121+13.16 35.14' Rt.
Found 3/4" Iron Pipe
Sta. 118+87.49 40.26' Rt.
Sta. 118+01.72 32.55' Rt.
Found 3/4" Iron Pipe 0.08' SE'ly.
Sta. 119+44.46 33.74' Rt.
Sta. 116+44.42 40.74' Rt.
Vacated Alley as Doc. 21053869
Existing R.O.W. Line as Doc. 21838428
Existing R.O.W. Line as Doc. 23264640
Existing R.O.W. Line as Doc. 99626242
Existing R.O.W. Line as Doc. 8474117
Existing R.O.W. Line as Doc. 16813145
Existing R.O.W. Line as Doc. 20696099
Existing R.O.W. Line as Doc. 91476499
Existing R.O.W. Line as Doc. 8474117
Existing R.O.W. Line as Doc. 8474117
Existing R.O.W. Line as Doc. 8474117

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

SEE SHEET 5

SEE SHEET 3

GROSS POINT ROAD

F.A.U. 3520

COLFAX STREET

KEELER AVENUE

PAUL HERME'S SUBDIVISION
Recorded January 29, 1957
as Document No. 16813145

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

Block 4
Block 11

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- 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

N

0 20' 40'
SCALE: 1"=20'

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 41 N., 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.

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

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
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

IDOT USE ONLY

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

REVISION DATE REVISION

FILE NAME =	USER NAME = CEComin	DESIGNED - CEC	REVISED -
Invalid expression'		DRAWN - MLB	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
PLAT OF HIGHWAYS
SHEET 3 OF 8 SHEETS STA. TO STA.

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		

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.

SEE SHEET 7

WESTMORELAND COUNTRY CLUB SUBDIVISION
Recorded February 11, 1914
as Document No. 5356494

DICKSON–FERGUSON ADDITION TO EVANSTON
Recorded June 12, 1939
as Document No. 12324973

PHILIP'S CONSOLIDATION
Recorded February 1, 1988
as Document No. 88046423

WESTMORELAND HEIGHTS
Recorded July 19, 1951
as Document No. 15126815
See Sheet 7 for Parcel 1MP0006 & 1MP0006T.E.

GREELEY AVENUE

PRINCETON AVENUE

LOT 2

LOT 1

12

Existing R.O.W. Line as Monumented & Occupied S89°40'50"W

Existing R.O.W. Line as Doc. 12324973

Existing R.O.W. Line as Doc. 15126815 N0°09'23"E

Existing R.O.W. Line as Doc. 15126815 N0°09'23"E

Existing R.O.W. Line as Doc. 15126815

Existing R.O.W. Line as Doc. 15126815

Existing P.O.T. Sta. 300+00.00

Sta. 300+04.48
30.04' Lt.

Sta. 302+44.95
30.09' Lt.
Found 5/8" Iron Rod 0.08' South & 0.29' West

Sta. 302+94.95
30.11' Lt.
Found 3/4" Iron Pipe 0.10' South & 0.74' West

Sta. 304+71.14
30.15' Lt.
Found 3/4" Iron Pipe 0.11' North

Sta. 139+50.35
0.25' Rt.

Sta. 140+64.88
40.15' Rt.

Proposed Temporary Easement Line 13

Proposed R.O.W. Line

1MP0006T.E.

1MP0006

Existing R.O.W. Gross Point Road S40°29'54"W

Existing R.O.W. Line as Doc. 15126815 S40°29'54"W

S. Line NE Fract'l 1/4 Fract'l Sec. 10–41–13 S89°40'50"W –2615.64'(Comp.)–

N. Line SE 1/4 Sec. 10–41–13

–871.07'– N89°41'39"E

Exist. & Prop. ℄ Pavement Old Orchard Road N89°41'39"E

–176.19'– S89°40'50"W

240.47' S89°40'50"W

OLD ORCHARD ROAD
(Harrison Street)

Existing R.O.W. Line as Doc. 99626242 N89°40'50"E

Sta. 138+49.36
32.42' Lt.
Found 3/4" Iron Pipe 1.32' NW'ly. Found 5/8" Iron Rod 0.25' North & 0.31' SE'ly.

Found 3/4" Iron Pipe 0.05' North & 36.86' West

Found 3/4" Iron Pipe 1.50' NW'ly. & 36.11' SW'ly.

Sta. 139+49.87
0.31' Lt.

Exist. & Prop. ℄ Gross Point Road

Exist. & Prop. ℄ Old Orchard Road

Sta. 139+49.93 Exist. & Prop. ℄ Gross Point Road

Sta. 304+97.62 Exist. & Prop. ℄ Old Orchard Road

–1225.45'– N40°32'52"E

Exist. & Prop. ℄ Pavement Gross Point Road N40°32'52"E

Existing R.O.W. Line as Doc. 9259772

Existing R.O.W. Line as Doc. 9259772 N89°40'50"E –158.80'–

Sta. 139+44.78
38.65' Rt.

1MP0005T.E.

Proposed Temporary Easement Line

See Sheet 6 for Parcel 1MP0005T.E.

SEE SHEET 6

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
140+64.88	40.15' Rt.	1,965,996.580	1,148,030.491
300+04.48	30.04' Lt.	1,965,962.743	1,147,431.965
302+44.95	30.09' Lt.	1,965,964.083	1,147,672.431
302+94.95	30.11' Lt.	1,965,964.362	1,147,722.431
304+71.14	30.15' Lt.	1,965,965.344	1,147,898.613

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

GROSS POINT ROAD

Exist. & Prop. P.T. #12 Sta. 136+66.63

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

Block 3

Subdivision Line

Existing R.O.W. Line as Doc. 9259772

Existing R.O.W. Line as Doc. 9684827

Existing R.O.W. Gross Point Road S40°29'54"W

Existing R.O.W. Line as Doc. 99626242

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

LOT 2

530.32' S40°59'54"W

Sta. 135+76.87
37.15' Rt.
Found 3/4" Iron Pipe 0.26' SE'ly.

Found 1/2" Iron Pipe 0.06' East

KEDVALE AVENUE

Existing R.O.W. Line as Doc. 9684827 S49°06'41"E 94.88'(94.79')

125.06'(125') N49°06'41"W

Existing R.O.W. Line as Doc. 9684827

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

Alley

Vacated Alley as Doc. 22057057

Sta. 135+00

Sta. 135+42.63
17.30' Rt.
Found Cross Cut 0.52' SE'ly.

Sta. 135+76.87
37.15' Rt.
Found 3/4" Iron Pipe 0.26' SE'ly.

E. Line NW 1/4 SE 1/4 Sec. 10–41–13

W. Line NE 1/4 SE 1/4 Sec. 10–41–13 S0°15'40"W

Sta. 133+17.96
30.76' Lt.
Found 3/4" Iron Pipe 0.15' East & 0.30' SE'ly.

Exist. & Prop. ℄ Pavement Gross Point Road R=10385.00'

–Δ=4°43'58"– R=10385.00'

N40°59'54"E 290.30'

F.A.U. 3520

Existing R.O.W. Line as Doc. 99626242

–1221.79'(1221.99')– S44°31'20"W

Sta. 132+82.41
1.55' Rt.
Found 3/8" Iron Rod

Sta. 132+87.68
41.42' Rt.

(53.44')

33.00'

SEE SHEET 4

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

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

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
----	9259772	April 30, 1926
----	9684827	June 14, 1927
----	12324973	June 12, 1939
----	15126815	July 19, 1951
----	22057057	September 20, 1972
----	99626242	June 29, 1999

REVISION DATE November 19, 2021 REVISION Eliminated Parcel 1MP0004T.E.

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- 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

N

SCALE: 1"=30'

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

- IRON PIPE ●R 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 20 18 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.

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

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
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
133+17.96	30.76' Lt.	1,965,479.744	1,147,487.336
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+44.78	38.65' 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

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

IDOT USE ONLY

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 132+00 TO STATION 141+00
STATION 300+00.00 TO STATION 306+00
SCALE: 1"=30' SHEET 5 OF 9

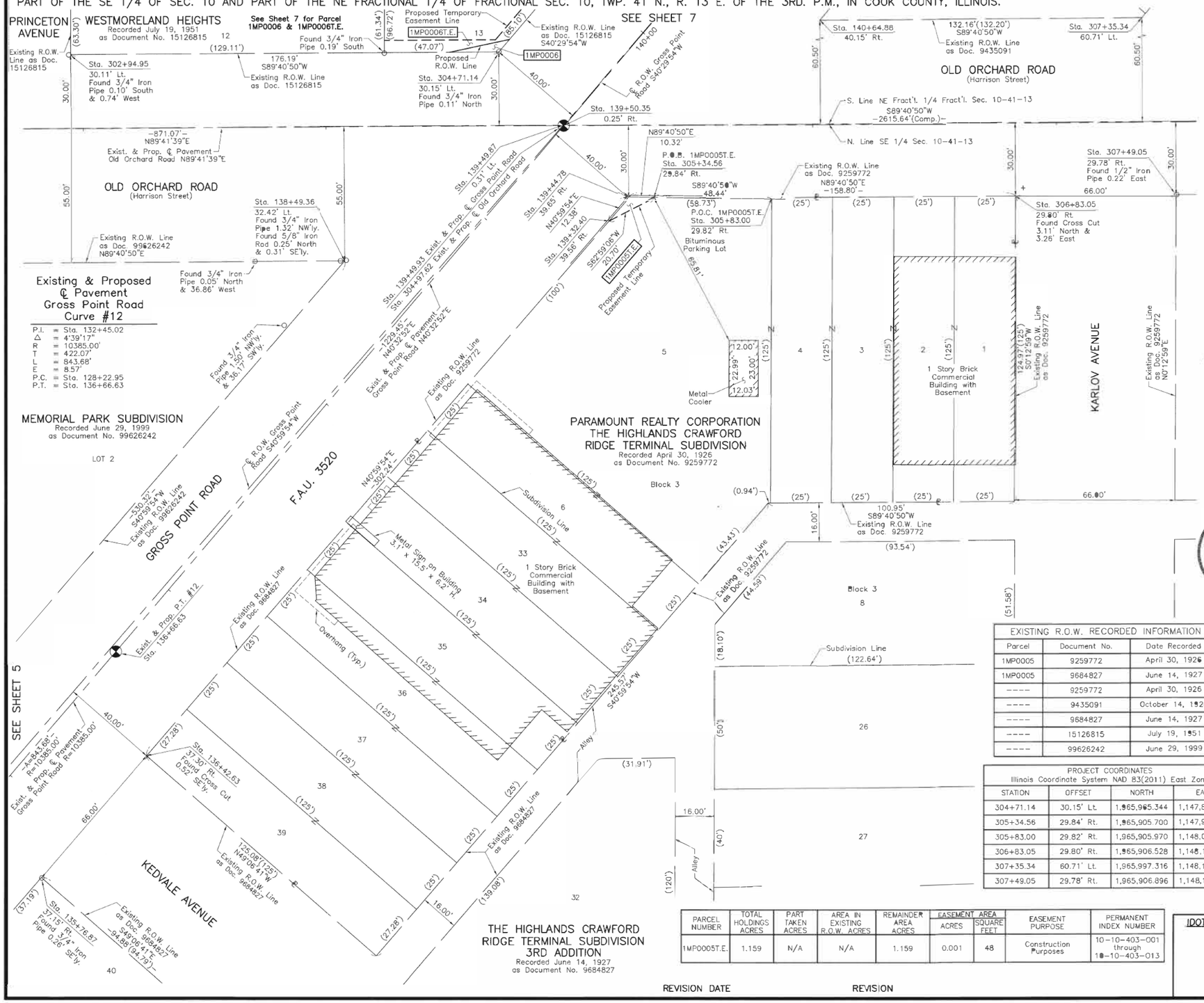
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

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

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
PLAT OF HIGHWAYS
SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	65
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			

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
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
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- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DIMENSION
- EXISTING BUILDING

N

0 20' 40'
SCALE: 1"=20'

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.

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

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.
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To obtain ground distances, divide grid distances shown by the combined factor of 0.9999800925.

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
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

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	1,148,110.848
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

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

IDOT USE ONLY

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

REVISION DATE REVISION

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	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.
		DRAWN - MLB	REVISED -			3520	08-00279-00-FP	COOK	160	66
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -						CONTRACT NO. 61H23	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		SHEET 5 OF 8 SHEETS STA. TO STA.			ILLINOIS	FED. AID PROJECT	

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.

PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
302+44.95	30.09' Lt.	1,965,964.083	1,147,672.431
302+94.95	30.11' Lt.	1,965,964.362	1,147,722.431
304+24.07	30.14' Lt.	1,965,965.082	1,147,851.545
304+24.10	35.18' Lt.	1,965,970.123	1,147,851.555
304+50.90	30.14' Lt.	1,965,965.232	1,147,878.374
304+69.80	35.19' Lt.	1,965,970.378	1,147,897.253
304+71.14	30.15' Lt.	1,965,965.344	1,147,898.613
305+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

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1MP0006	15126815	July 19, 1951
1MP0006	90135710	March 27, 1990
----	9259772	April 30, 1926
----	9435091	October 14, 1926
----	15126815	July 19, 1951
----	90135710	March 27, 1990
----	99626242	June 29, 1999

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
1MP0006 1MP0006T.E.	0.614	0.001	52	N/A	0.613	0.008	351	Construction Purposes	10-10-200-054 10-10-200-076

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
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- EXISTING BUILDING

N

0 20' 40'

SCALE: 1"=20'

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

- IRON PIPE OR ROD FOUND
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STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

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DATED AT LAKE VILLA, ILLINOIS THIS 7th DAY OF September 20 22 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.

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

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PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone			
STATION	OFFSET	NORTH	EAST
138+49.36	32.42' Lt.	1,965,879.992	1,147,835.243
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
139+62.16	39.76' Lt.	1,965,970.478	1,147,902.998
139+95.91	44.11' Lt.	1,965,998.953	1,147,921.634
139+95.99	39.79' Lt.	1,965,996.200	1,147,924.965
140+64.88	40.15' Rt.	1,965,996.580	1,148,030.491
141+43.94	39.92' Lt.	1,966,108.710	1,148,021.052

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 138+00 TO STATION 143+00
STATION 302+00 TO STATION 308+00
SCALE: 1"=20' SHEET 7 OF 9

IDOT USE ONLY

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

ENGLE'S RESUBDIVISION
Recorded March 27, 1990
as Document No. 90135710

WESTMORELAND HEIGHTS
Recorded July 19, 1951
as Document No. 15126815

HIGHLANDS TERMINAL
Recorded October 14, 1926
as Document No. 9435091

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

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

GROSS POINT ROAD (Ridge Road)
F.A.U. 3520
PRINCETON AVENUE
KARLOV AVENUE
OLD ORCHARD ROAD (Harrison Street)

LOT 1
LOT 2
1 Story Brick Commercial Building
1 Story Brick Strip Mall
Metal Awning
Concrete Drive
Concrete Walk
Proposed Temporary Easement Line

Sta. 141+43.94 39.92' Lt.
Sta. 140+64.88 40.15' Rt.
Sta. 139+95.99 39.79' Lt.
Sta. 139+95.91 44.11' Lt.
Sta. 139+62.16 39.76' Lt.
Sta. 139+50.35 0.25' Rt.
Sta. 139+49.87 0.31' Lt.
Sta. 139+44.78 39.65' Rt.
Sta. 307+35.34 60.71' Lt.
Sta. 307+49.05 29.78' Rt.
Sta. 306+83.05 29.80' Rt.
Sta. 304+71.14 30.15' Lt.
Sta. 304+69.80 35.19' Lt.
Sta. 304+24.10 35.18' Lt.
Sta. 304+24.07 30.14' Lt.
Sta. 304+50.90 30.14' Lt.
Sta. 302+44.95 30.09' Lt.
Sta. 302+94.95 30.11' Lt.
Sta. 138+49.36 32.42' Lt.

N85°36'02"E 51.78'(51.81')
S46°53'09"E 155.75'(155.80')
N40°32'52"E 1229.45'
S40°29'54"W
S89°40'50"W 2615.64'(Comp.)
S89°40'50"W 132.16'(132.20')
S89°40'49"W 45.70'
N77°58'20"E 25.18'
S0°06'38"W 5.04'
N89°41'39"E 871.07'
S40°59'54"W 530.37'
N40°59'54"E 502.24'
S72°43'57"E 106.95'(106.85')
S40°28'19"W 37.36'
N50°23'35"W 4.32'
N40°29'54"E 53.83'
S40°29'54"W 6.75'
N0°06'38"E 146.28'(146.30') 242.98'
S0°09'23"W
N0°09'23"E

Found 1/2" Iron Pipe 0.18' West
Found 1/2" Copper Pipe 0.20' West
Found 3/4" Iron Pipe 0.21' West
Found 3/4" Iron Pipe 0.10' S'ly. & 0.09' West
Found 3/4" Iron Pipe 0.19' South
Found 3/4" Iron Pipe 0.11' North
Found 3/4" Iron Pipe 1.32' NW'ly. Found 5/8" Iron Rod 0.25' North & 0.31' SE'ly.
Found 3/4" Iron Pipe 0.05' North & 36.86' West
Found 3/4" Iron Pipe 1.50' NW'ly. & 36.17' SW'ly.
Found Leaning 1/2" Iron Pipe 1.17' S'ly. & 2.05' NW'ly.
Found Cross Cut 5.20' NW'ly.
Found Cross Cut 3.11' North & 3.26' East
Found 1/2" Iron Pipe 0.22' East

Existing R.O.W. Line as Doc. 15126815 S0°09'23"W
Existing R.O.W. Line as Doc. 15126815 N0°09'23"E
Existing R.O.W. Line as Doc. 90135710 S40°29'54"W
Existing R.O.W. Line as Doc. 9435091 S40°29'54"W
Existing R.O.W. Line as Doc. 9435091 N40°29'54"E
Existing R.O.W. Line as Doc. 9259772 N89°40'50"E 158.80'
Existing R.O.W. Line as Doc. 9259772 N0°12'59"E
Existing R.O.W. Line as Doc. 9259772 S0°12'59"W
Existing R.O.W. Line as Doc. 99626242 N89°40'50"E
Existing R.O.W. Line as Doc. 99626242 S40°59'54"W
Exist. & Prop. ℄ Pavement Gross Point Road N40°32'52"E
℄ R.O.W. Gross Point Road S40°29'54"W
Exist. & Prop. ℄ Pavement Old Orchard Road N89°41'39"E
℄ R.O.W. Gross Point Road S40°59'54"W

P.O.B. 1MP0006T.E. P.O.C. 1MP0006
P.O.B. 1MP0006 Sta. 304+50.90 30.14' Lt.
1MP0006
1MP0006T.E.
1MP0005T.E.

Existing Concrete Drive with Monolithic B-6 Curb
Existing Concrete Walk

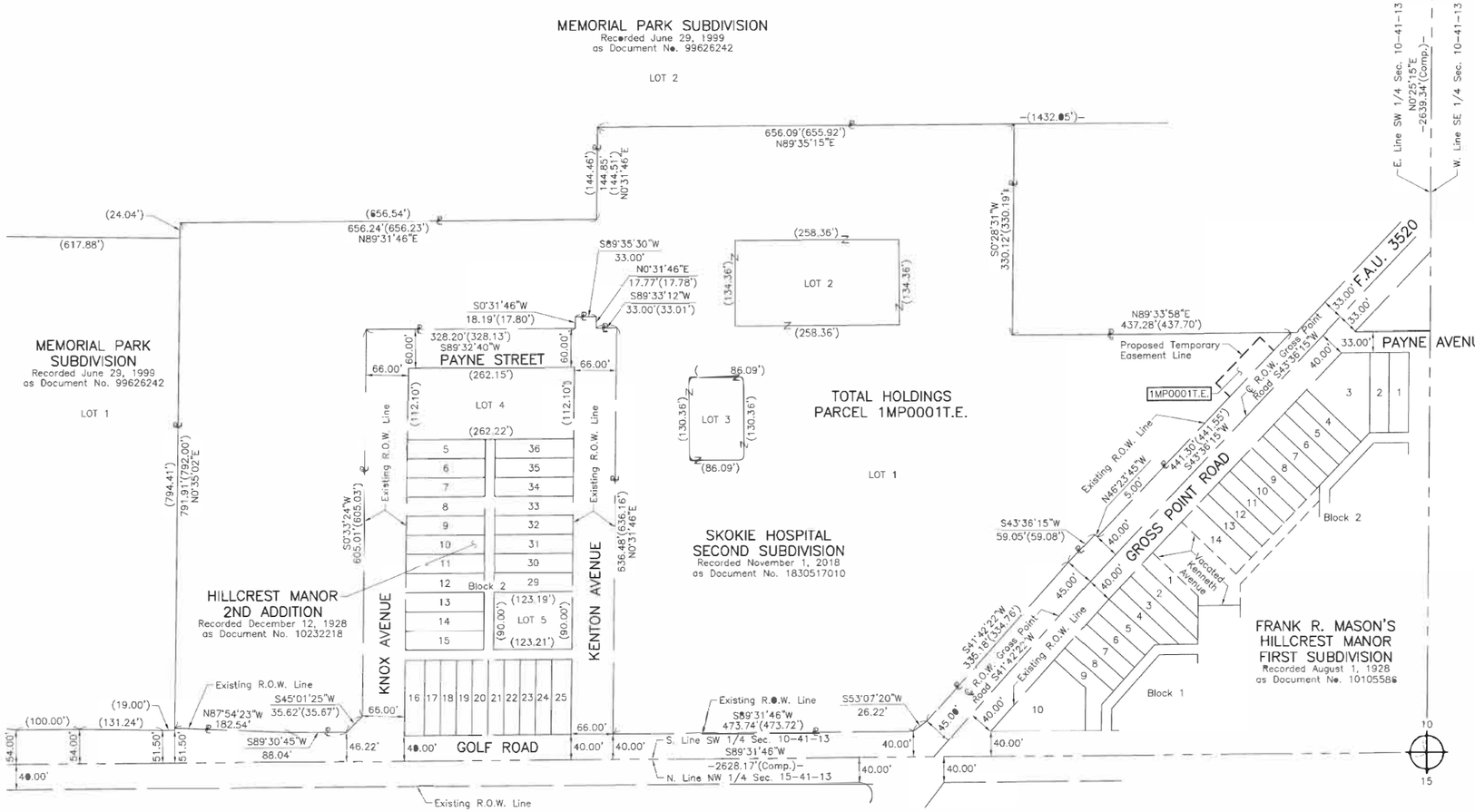
Block 3
Lot 2

SEE SHEET 5
SEE SHEET 6
See Sheet 6 for Parcel 1MP0005T.E.

REVISION DATE
REVISION

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	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.
		DRAWN - MLB	REVISED -			3520	08-00279-00-FP	COOK	160	67
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -						CONTRACT NO. 61H23	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		SHEET 6 OF 8 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

PART OF THE SW 1/4 OF 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
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
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
120.32' MEASURED DIMENSION
129.32'(Comp.) COMPUTED DIMENSION
(129.32') RECORD DIMENSION
EXISTING BUILDING

N

0 100' 200'
SCALE: 1"=100'

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.

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.

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

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.

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 NONE TO STATION
SCALE: 1"=100' SHEET 8 OF 9

IDOT USE ONLY

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

REVISION DATE July 13, 2021 REVISION Subdivision Parcel 1MP0001T.E.

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD PLAT OF HIGHWAYS
		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SHEET 7 OF 8 SHEETS STA. TO STA.
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	68
		CONTRACT NO. 61H23		
		ILLINOIS	FED. AID PROJECT	

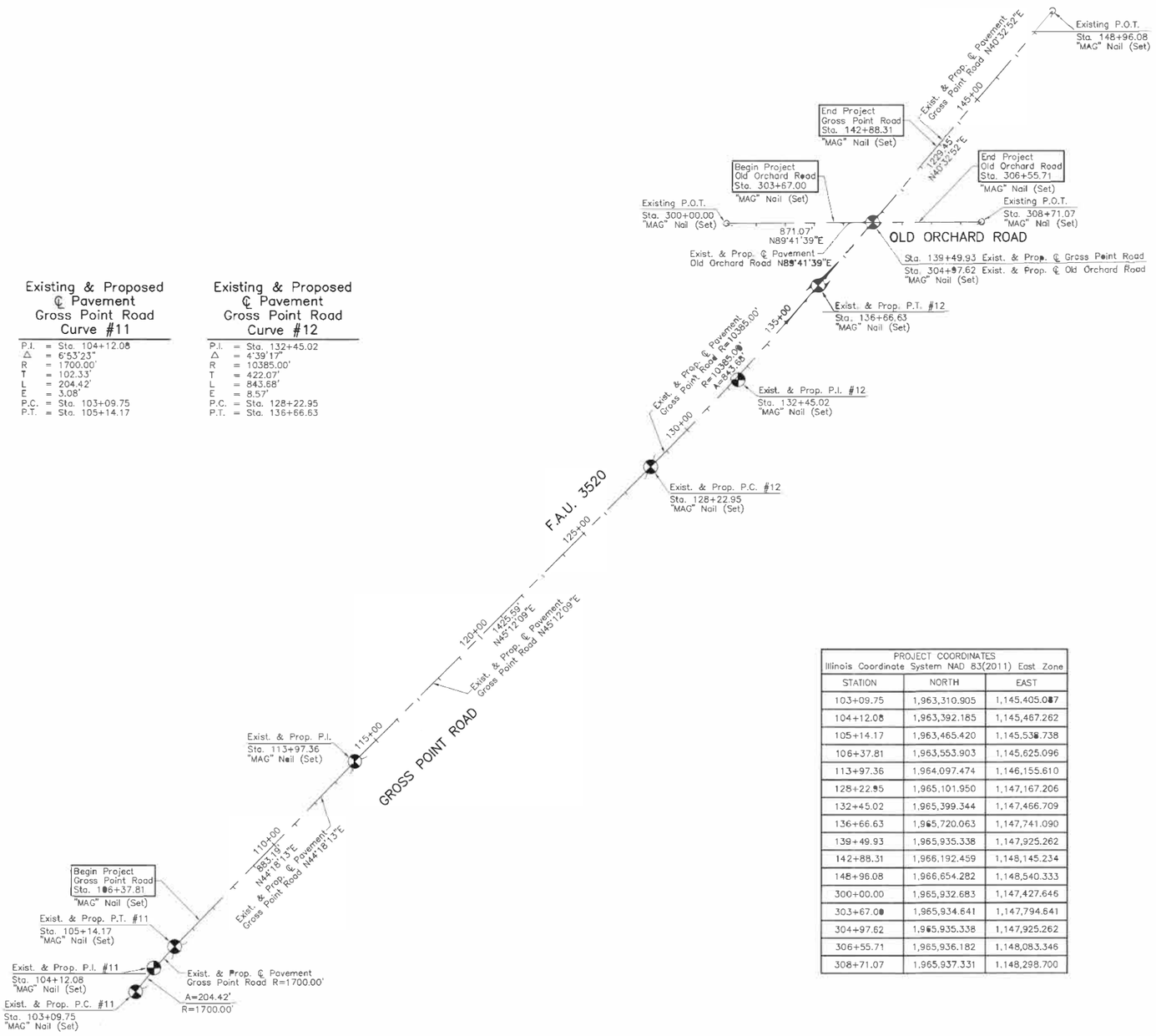
PART OF THE SOUTH 1/2 OF SEC. 10 AND PART OF THE NORTH FRACTIONAL 1/2 OF FRACTIONAL SEC. 10, TWP. 41 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

Existing & Proposed ℄ Pavement Gross Point Road Curve #11

P.I.	=	Sta. 104+12.08
Δ	=	6°53'23"
R	=	1700.00'
T	=	102.33'
L	=	204.42'
E	=	3.08'
P.C.	=	Sta. 103+09.75
P.T.	=	Sta. 105+14.17

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



PROJECT COORDINATES Illinois Coordinate System NAD 83(2011) East Zone		
STATION	NORTH	EAST
103+09.75	1,963,310.905	1,145,405.087
104+12.08	1,963,392.185	1,145,467.262
105+14.17	1,963,465.420	1,145,536.738
106+37.81	1,963,553.903	1,145,625.096
113+97.36	1,964,097.474	1,146,155.610
128+22.95	1,965,101.950	1,147,167.206
132+45.02	1,965,399.344	1,147,466.709
136+66.63	1,965,720.063	1,147,741.090
139+49.93	1,965,935.338	1,147,925.262
142+88.31	1,966,192.459	1,148,145.234
148+96.08	1,966,654.282	1,148,540.333
300+00.00	1,965,932.683	1,147,427.646
303+67.00	1,965,934.641	1,147,794.641
304+97.62	1,965,935.338	1,147,925.262
306+55.71	1,965,936.182	1,148,083.346
308+71.07	1,965,937.331	1,148,298.700

LEGEND

SECTION CORNER (9 / 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
AC EXISTING ACCESS CONTROL LINE
~~AC~~ PROPOSED ACCESS CONTROL LINE
120.32' MEASURED DIMENSION
129.32'(Comp.) COMPUTED DIMENSION
(129.32') RECORD DIMENSION
EXISTING BUILDING

N

0 200' 400'
SCALE: 1"=200'

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.

Christian H. Jorgensen PRESIDENT

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

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.

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

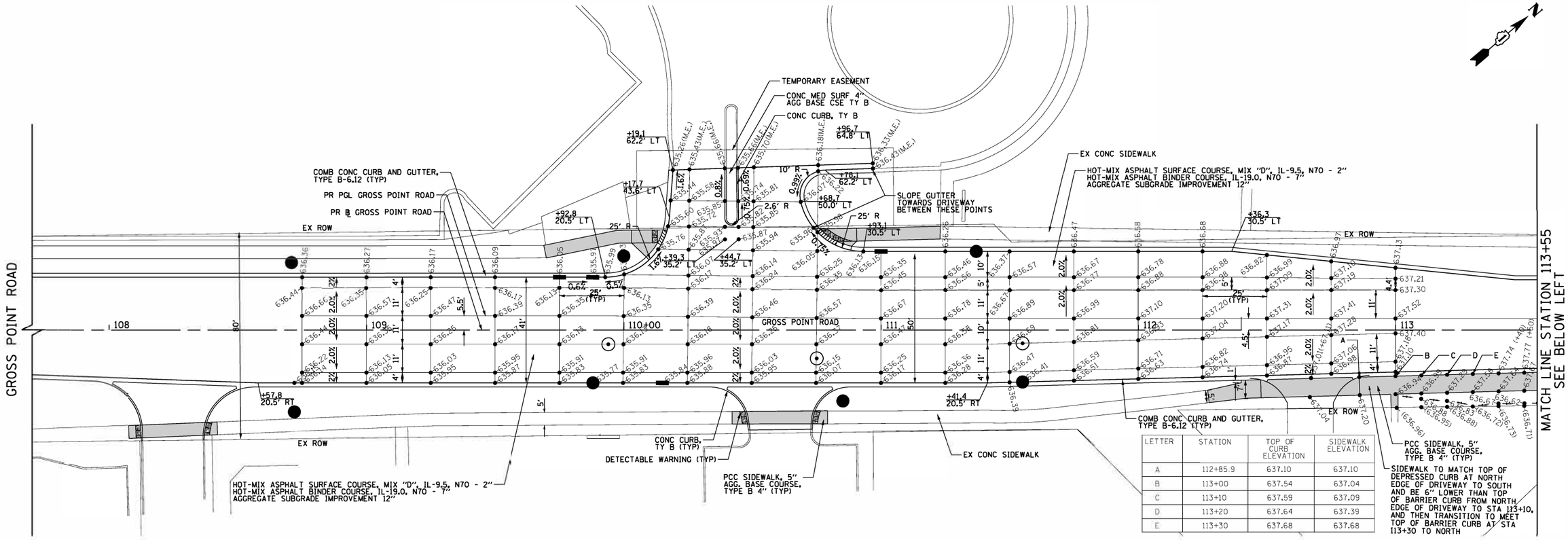
F.A.U. 3520 (GROSS POINT ROAD)
LIMITS: GOLF ROAD TO OLD ORCHARD ROAD
COUNTY: COOK
SECTION: 08-00279-00-FP JOB NO.: R-91-001-10
STATION 103+09.75 TO STATION 148+96.08
STATION 300+00.00 TO STATION 308+71.07
SCALE: 1"=200' SHEET 9 OF 9

IDOT USE ONLY

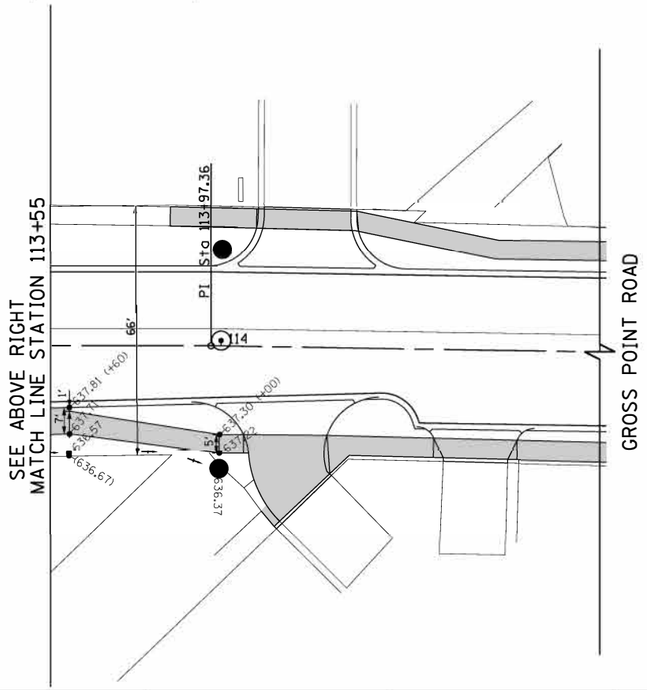
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE REVISION

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	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.
		DRAWN - MLB	REVISED -			3520	08-00279-00-FP	COOK	160	69
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -					CONTRACT NO. 61H23		
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		SHEET 8 OF 8 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		



LETTER	STATION	TOP OF CURB ELEVATION	SIDEWALK ELEVATION
A	112+85.9	637.10	637.10
B	113+00	637.54	637.04
C	113+10	637.59	637.09
D	113+20	637.64	637.39
E	113+30	637.68	637.68



0 20 40
HORIZ. 1"=20'

FILE NAME = Invalid expression* Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	
		DRAWN - MLB	REVISED -	
	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
INTERSECTION PAVING PLAN

SCALE: 1"=20' | SHEET 1 OF 4 SHEETS | STA. 108+00.00 TO STA. 113+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	70
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 7"
AGGREGATE SUBGRADE IMPROVEMENT 12"

PCC SIDEWALK, 5"
AGG. BASE COURSE,
TYPE B 4" (TYP)

COMB CONC CURB AND GUTTER,
TYPE B-6.12 (TYP)

PR ℄ GROSS POINT ROAD

PR PGL GROSS POINT ROAD

CONC CURB, TY B (SPECIAL)

CONC CURB, TY B (SPECIAL)

EX ROW

EX ROW

GROSS POINT ROAD

GROSS POINT ROAD

117

118

119

120+00

GROSS POINT ROAD

121

122

+12.5
12.5' RT

39'

63'

39'

45'

34'

4.5'

5' R

25' R

36' R

45° R

50'

22'

21.17'

89°45'13.16"

DETECTABLE WARNING (TYP)

EX ROW

EX CONC SIDEWALK

PCC SIDEWALK, 5"
AGG. BASE COURSE,
TYPE B 4" (TYP)

DETECTABLE
WARNING (TYP)

EX ROW

PR ROW

EX ROW

EX ROW

EX ROW

PR ℄ LOWELL AVENUE

PR ℄ GRANT STREET

66'

43'

+61.6
19.5' RT

+65.1
18.0' RT

+65.2
14.0' RT

+72.7
12.5' RT

+87.7
12.5' RT

+05.3
55.3' RT

+70.8
12.5' RT

+74.3
14.0' RT

+78.4
18.0' RT

+81.9
19.5' RT

+40.8
43.4' RT

+26.2
76.4' RT

+71.7
19.5' RT

+75.2
18.0' RT

+79.3
14.0' RT

+82.8
12.5' RT

+59.4
38.5' RT

+34.4
12.5' RT

+70.2
65.6' RT

+77.7
73.0' RT

+17.5
12.5' RT

+21.0
14.0' RT

+25.1
18.0' RT

+28.6
19.5' RT

+95.0
55.4' RT

(M.E.) 635.93

(M.E.) 635.99

(M.E.) 635.92

635.26(M.E.)

635.21(M.E.)

635.42(M.E.)

635.14(M.E.)

0 20 40
HORIZ. 1"=20'

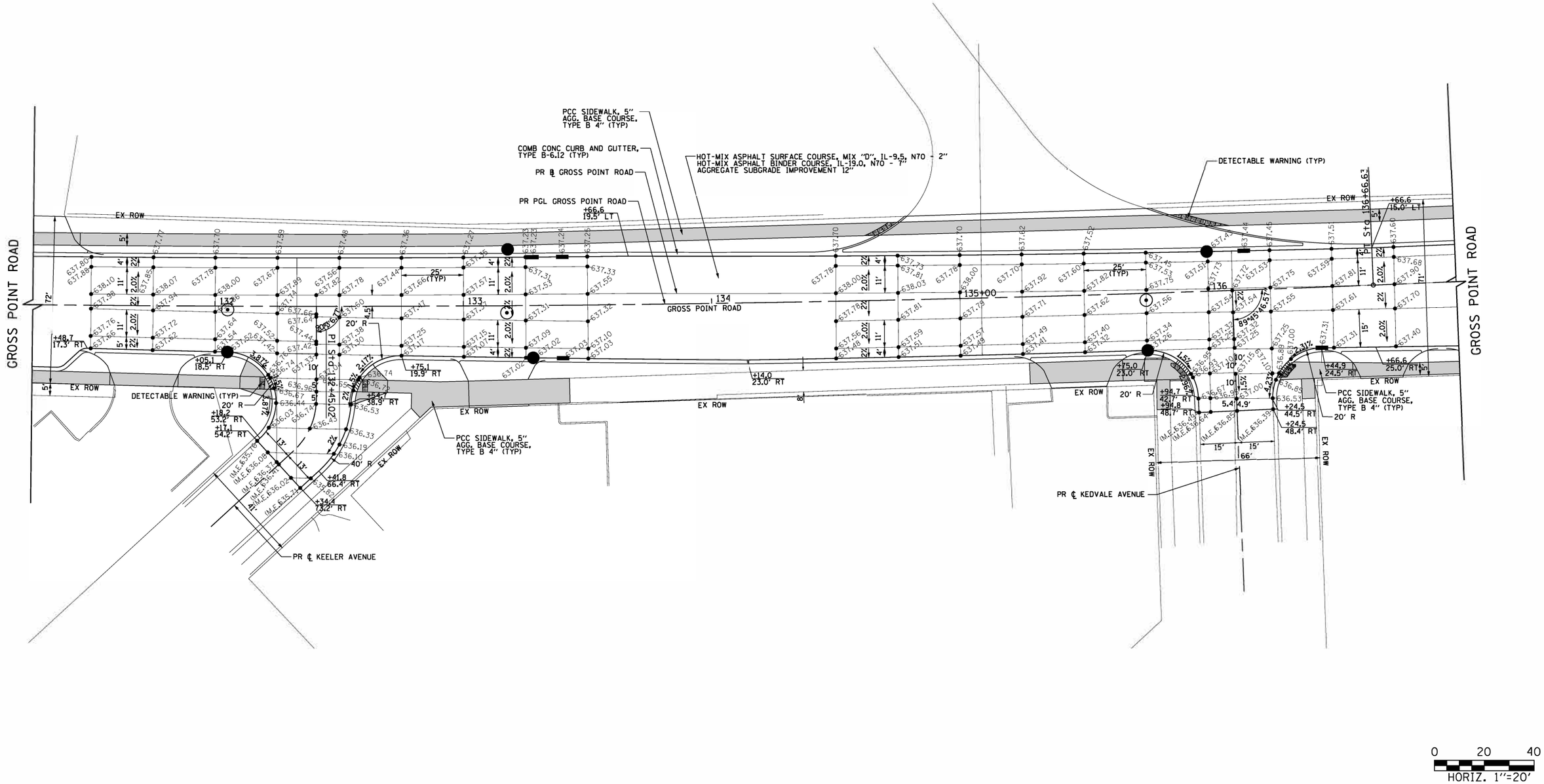
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

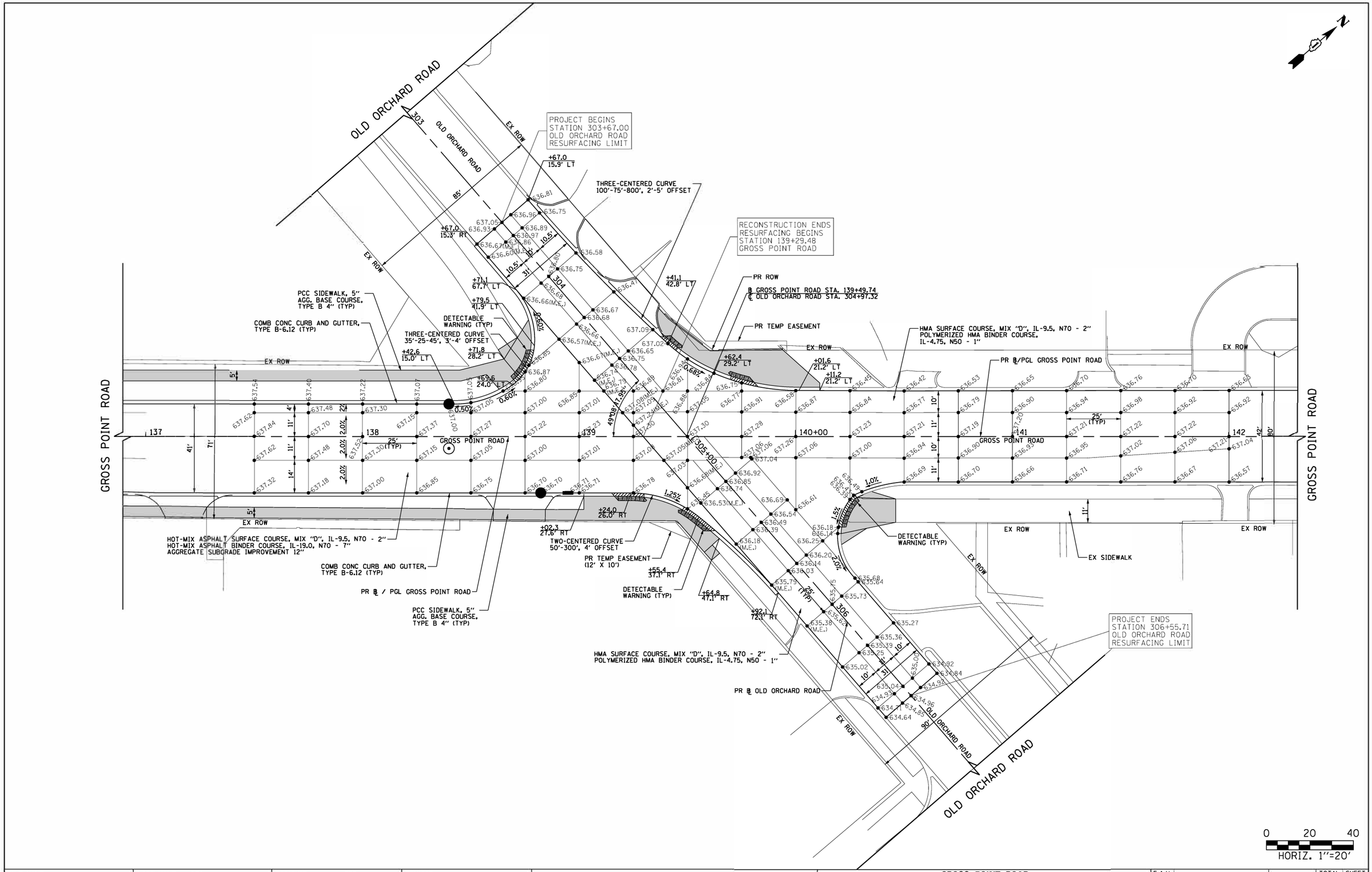
SCALE: 1"=20' | SHEET 2 OF 4 SHEETS | STA. 117+00.00 | TO STA. 123+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	71
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		



FILE NAME = Invalid expression* Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD INTERSECTION PAVING PLAN**
		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 131+25.00 TO STA. 137+00.00

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



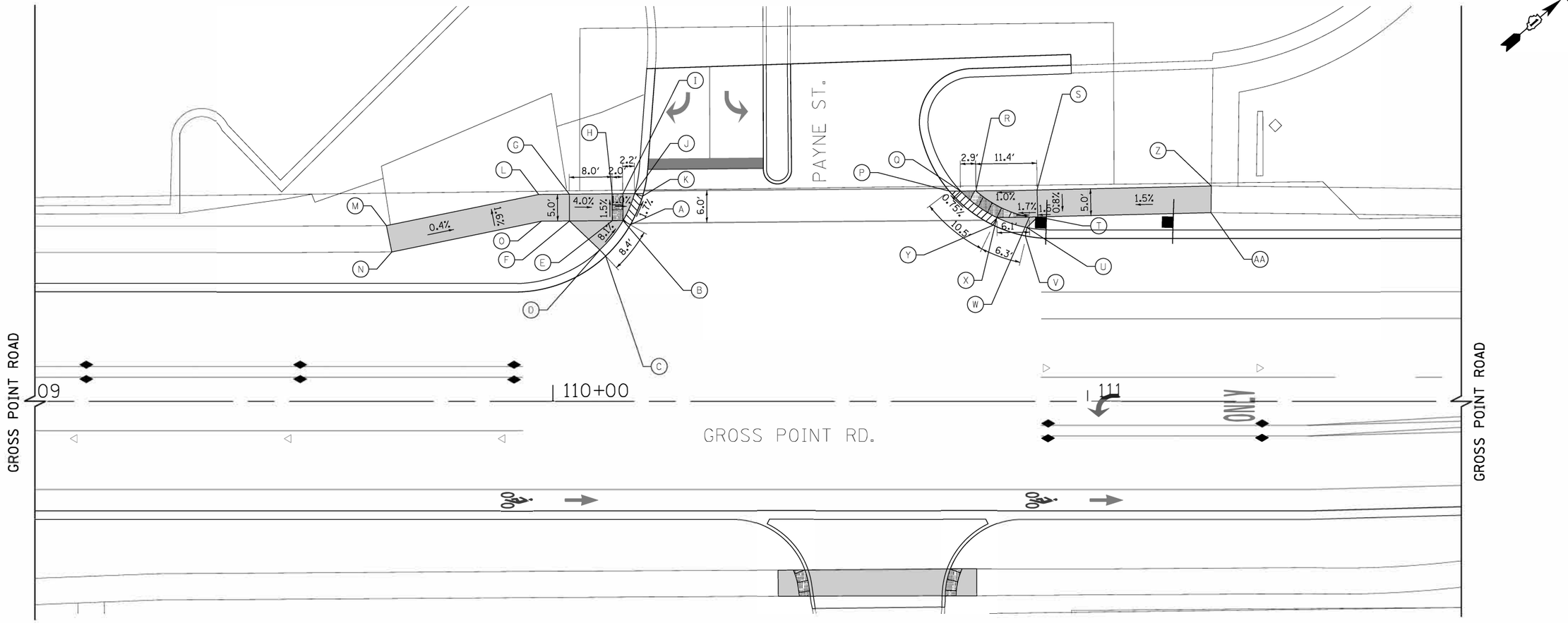
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		DRAWN - MLB	REVISED -	
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=20' | SHEET 4 OF 4 SHEETS | STA. 136+89.39 | TO STA. 142+31.85

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

2' 1' 2'

0 10 20

HORIZ. 1"=10'

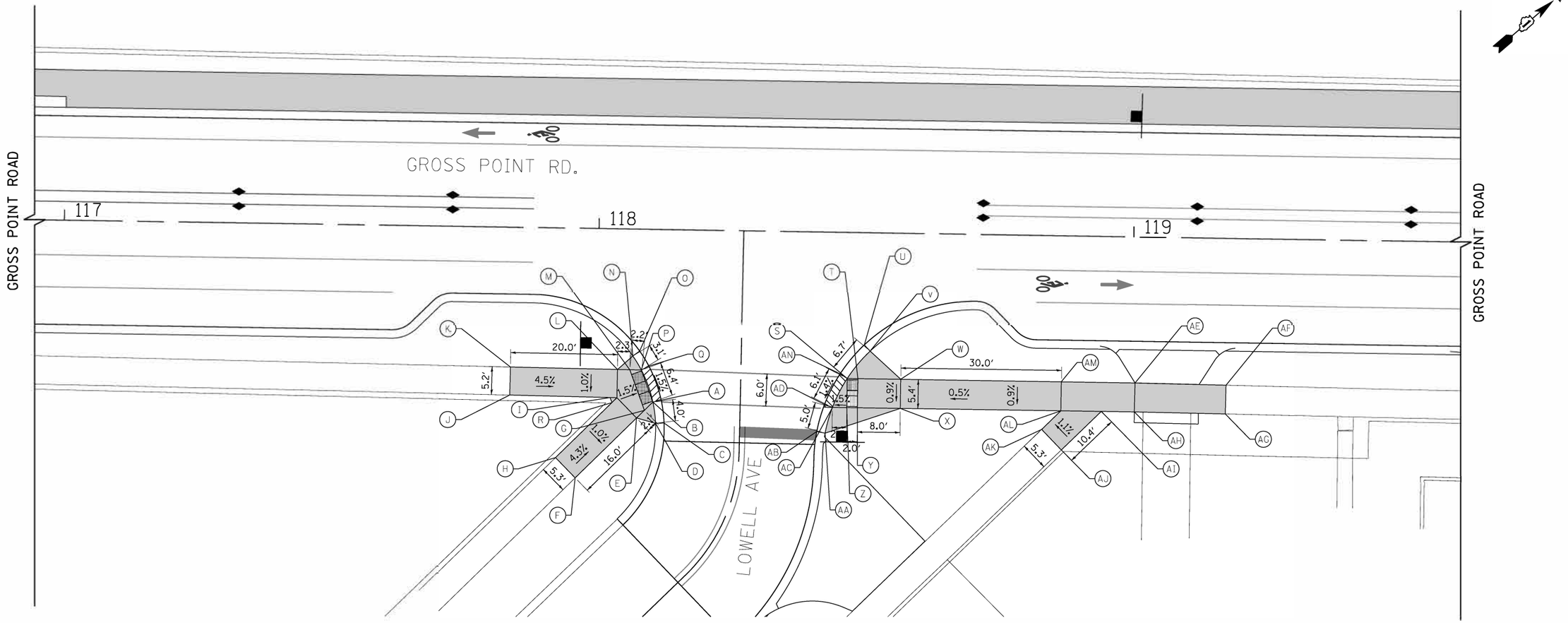
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		DRAWN - MLB	REVISED -
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
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

(XX.XX') EXISTING LENGTH/ELEVATION

PROPOSED SIDEWALK

ADA DEPRESSED CURB AND GUTTER

DETECTABLE WARNINGS

2' 1' 2'

0 10 20

HORIZ. 1"=10'

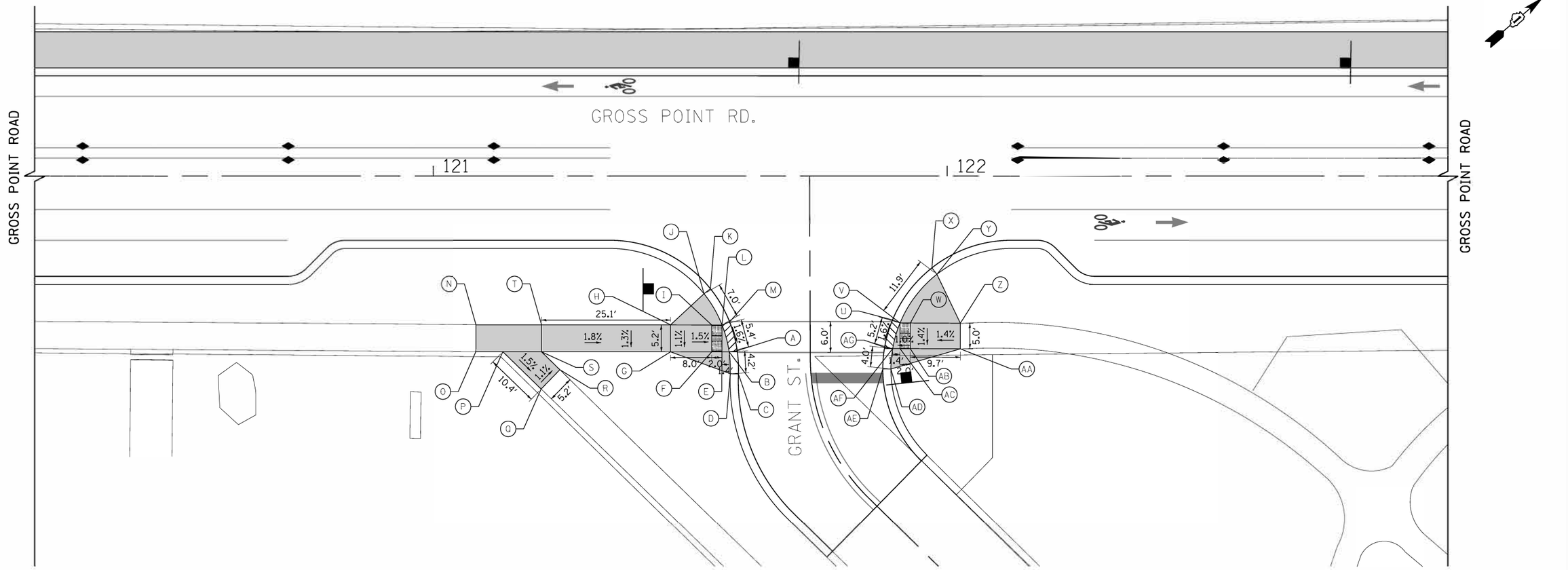
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=10' | SHEET 2 OF 7 SHEETS | STA. 116+95.00 TO STA. 119+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	75
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



	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

2' 2' 1' 2'

0 10 20

HORIZ. 1"=10'

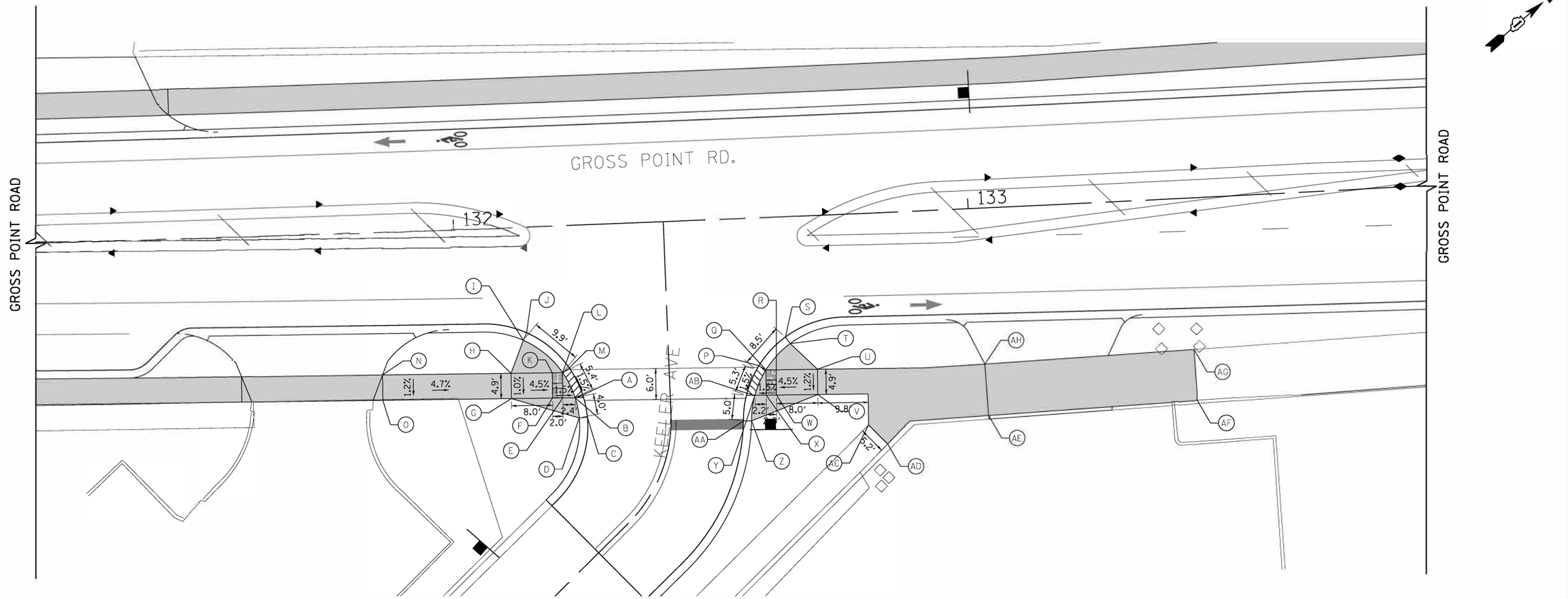
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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		PROPOSED SIDEWALK
			ADA DEPRESSED CURB AND GUTTER
(XX.XX')	EXISTING LENGTH/ELEVATION	2' 2' 1' 2'	DETECTABLE WARNINGS

0 10 20
HORIZ. 1"=10'

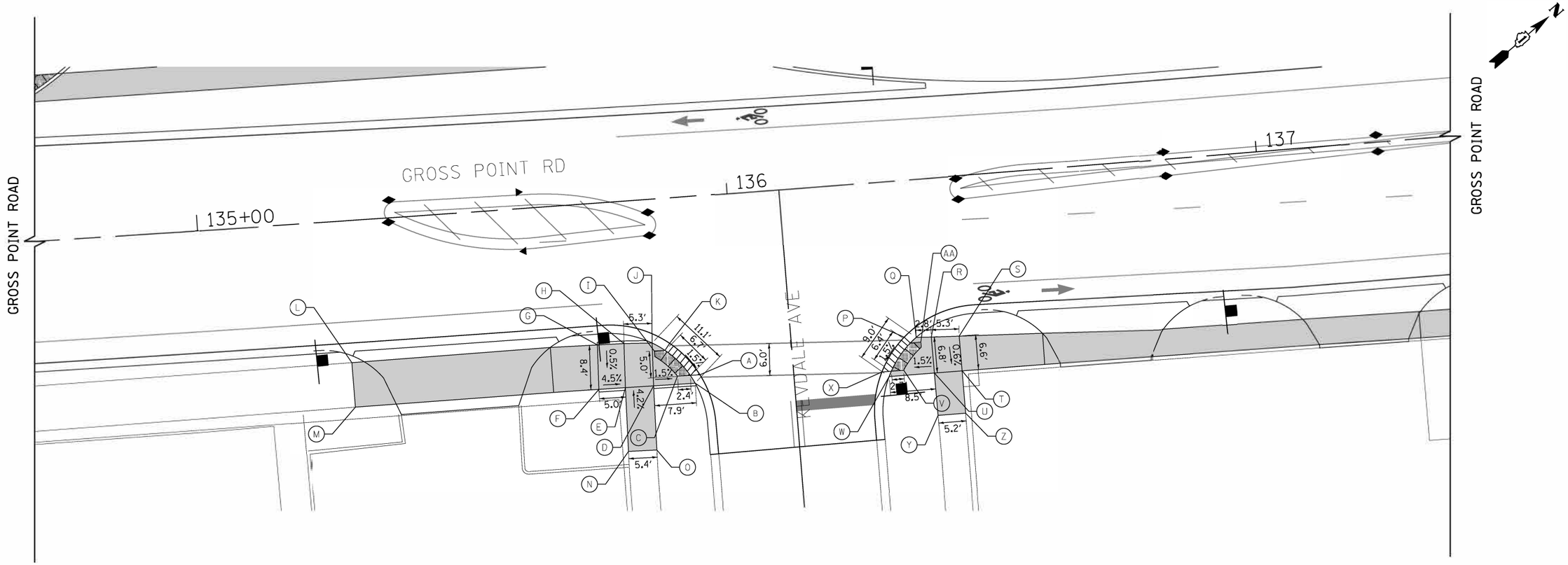
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

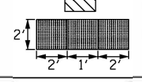
(%) EXISTING SLOPE

(XX.XX') EXISTING LENGTH/ELEVATION

PROPOSED SIDEWALK

ADA DEPRESSED CURB AND GUTTER

DETECTABLE WARNINGS



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HORIZ. 1"=10'

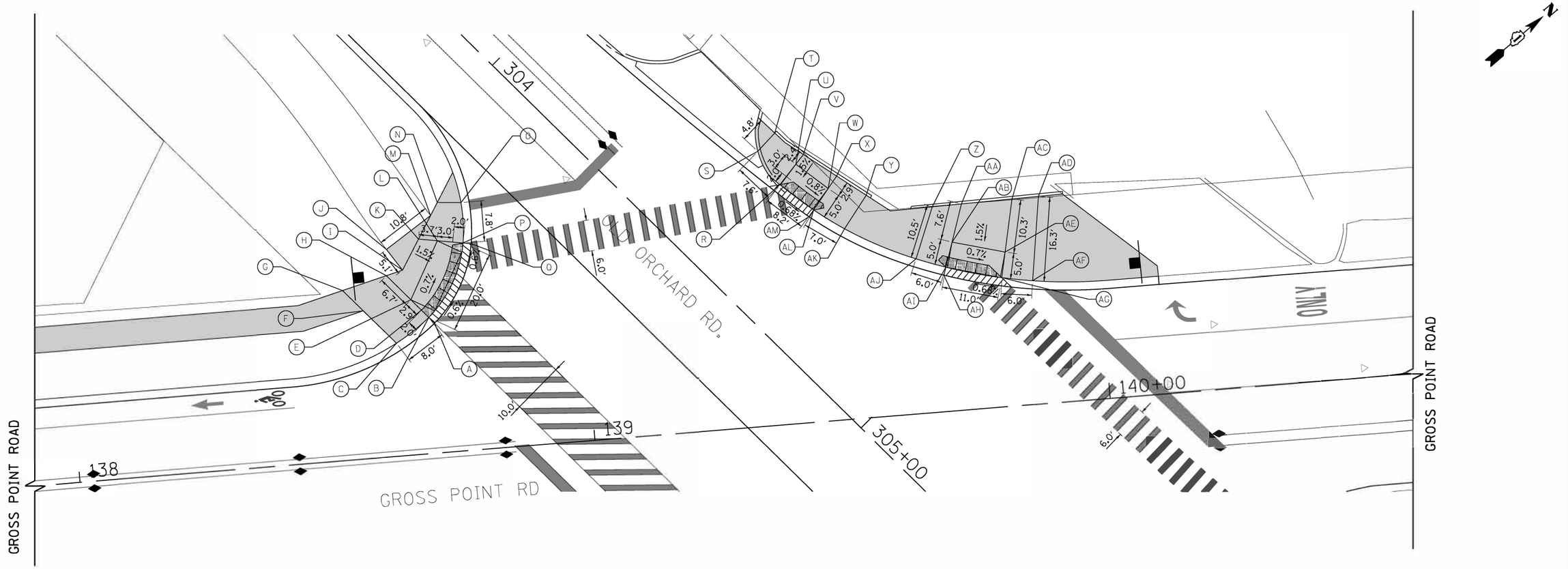
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

(XX.XX′) EXISTING LENGTH/ELEVATION

PROPOSED SIDEWALK

ADA DEPRESSED CURB AND GUTTER

DETECTABLE WARNINGS

2′ 1′ 2′

0 10 20

HORIZ. 1″=10′

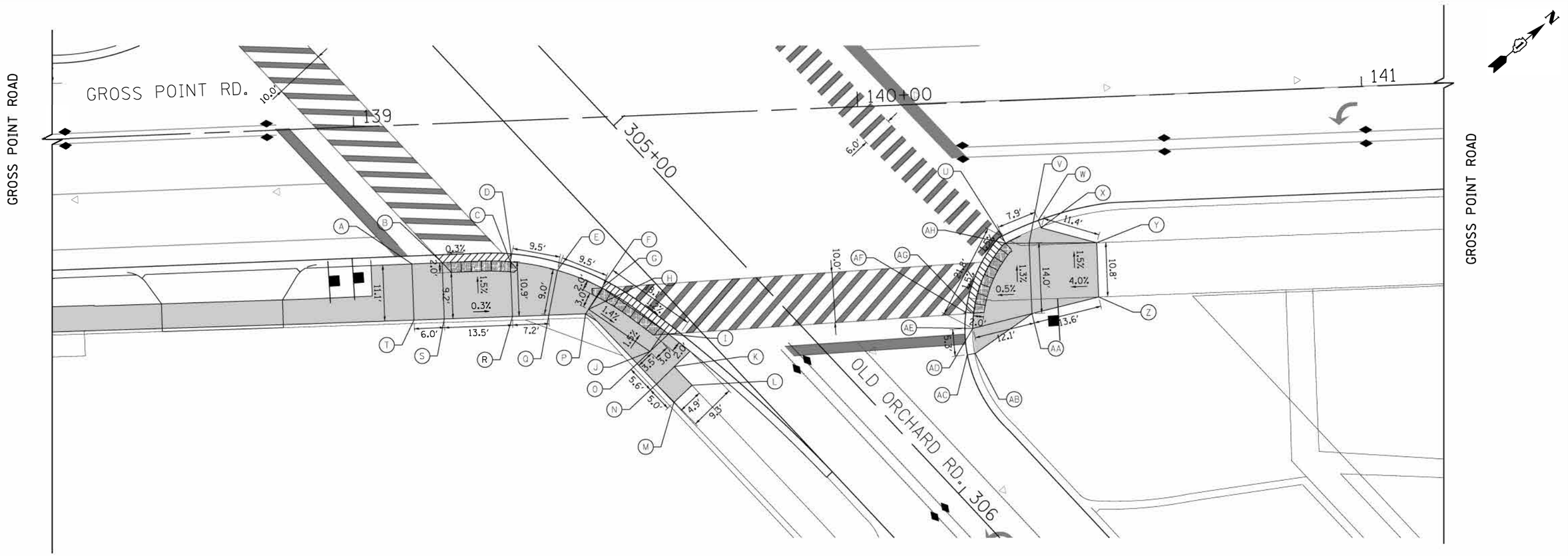
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1″=10′ | SHEET 6 OF 7 SHEETS | STA. 137+90.00 | TO STA. 140+57.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	79
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



	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

2′ 1′ 2′

0 10 20

HORIZ. 1″=10′

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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 7 OF 7 SHEETS | STA. 138+40.00 | TO STA. 141+18.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	80
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			

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		REMOVE 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		REMOVE 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+86	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		REMOVE 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	28' 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.

FILE NAME = Invalid expression*
Default

USER NAME = CEComin
PLOT SCALE = 50 SCALE
PLOT DATE = 5/18/2022

DESIGNED - CEC
DRAWN - MLB
CHECKED - DWB
DATE - 5/20/2022

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
EXISTING SIGN SCHEDULE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	81
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	PROPOSED STATION	PROPOSED OFFSET	PROPOSED WIDTH (IN)	PROPOSED HEIGHT (IN)	SIGN PANEL		TELESCOPING STEEL SIGN SUPPORT
									TYPE 1 (SQ FT)	TYPE 2 (SQ FT)	
P1-1	R3-17	BIKE LANE	MOUNTED ON RELOCATED LIGHT POLE	NEW SIGN	107+50	23' RT	24	18	3.00		
P1-2	R3-17aP	AHEAD	MOUNTED ON RELOCATED LIGHT POLE	NEW SIGN	107+50	23' RT	24	8	1.33		
P1-3	R3-17	BIKE LANE	POST MOUNTED (GROUND)	NEW SIGN	111+15	33.5' LT	24	18	3.00		14.17
P1-4	R3-17bP	ENDS	POST MOUNTED (GROUND)	NEW SIGN	111+15	33.5' LT	24	8	1.33		*
E1-2	R7-1	NO PARKING ANY TIME	MOUNTED ON RELOCATED LIGHT POLE	REPLACED SIGN	108+58	26' RT	12	18	1.50		
E1-9	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	REPLACED SIGN	110+91	33.5' LT	24	30	5.00		14.50
							SUBTOTAL:		15	0	29

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	PROPOSED STATION	PROPOSED OFFSET	PROPOSED WIDTH (IN)	PROPOSED HEIGHT (IN)	SIGN PANEL		TELESCOPING STEEL SIGN SUPPORT
									TYPE 1 (SQ FT)	TYPE 2 (SQ FT)	
E2-1	R7-1	NO PARKING ANY TIME	MOUNTED ON RELOCATED LIGHT POLE	REPLACED SIGN	112+09	24' RT	12	18	1.50		
P2-1	R4-4	BEGIN RIGHT TURN LANE YEILD TO BIKES	POST MOUNTED (GROUND)	NEW SIGN	113+46	23.4' LT	36	30	7.50		14.50
P2-2	R3-17	BIKE LANE	POST MOUNTED (GROUND)	NEW SIGN	114+65	22.8' LT	24	18	3.00		14.83
P2-3	R3-17bP	ENDS	POST MOUNTED (GROUND)	NEW SIGN	114+65	22.8' LT	24	8	1.33		*
P2-4	R3-17aP	AHEAD	POST MOUNTED (GROUND)	NEW SIGN	114+65	22.8' LT	24	8	1.33		*
E2-2	R7-1	NO PARKING ANY TIME	MOUNTED ON RELOCATED POWER POLE	REPLACED SIGN			12	18	1.50		
E2-3	D3-1	SNS: LOWELL AVE	POST MOUNTED (GROUND)	RELOCATED SIGN	117+98	21.5' RT	30	8			
E2-4	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	RELOCATED SIGN	117+98	21.5' RT	36	8			
E2-5	R1-1	STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	118+46	38' RT	30	30	6.25		14.50
E2-6	D3-1	SNS: LOWELL AVE	POST MOUNTED (GROUND)	RELOCATED SIGN	119+00	22.6' LT	30	8			
E2-7	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	RELOCATED SIGN	119+00	22.6' LT	36	8			
E2-8	R2-1	SPEED LIMIT 35	POST MOUNTED (GROUND)	REPLACED SIGN	120+00	22.1' LT	24	30	5.00		14.50
E2-10	D3-1	SNS: GRANT ST	POST MOUNTED (GROUND)	RELOCATED SIGN	121+42	22' RT	30	8			
E2-11	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	RELOCATED SIGN	121+42	22' RT	36	8			
E2-12	D3-1	SNS: GRANT ST	POST MOUNTED (GROUND)	RELOCATED SIGN	121+70	22.1' LT	30	8			
E2-13	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	RELOCATED SIGN	121+70	22.1' LT	36	8			
E2-14	R1-1	STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	121+92	39' RT	30	30	6.25		14.50
E2-18	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	REPLACED SIGN	122+77	22.1' LT	12	18	1.50		13.50
							SUBTOTAL:		35	0	86

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	PROPOSED STATION	PROPOSED OFFSET	PROPOSED WIDTH (IN)	PROPOSED HEIGHT (IN)	SIGN PANEL		TELESCOPING STEEL SIGN SUPPORT
									TYPE 1 (SQ FT)	TYPE 2 (SQ FT)	
E3-1	R2-1	SPEED LIMIT 35	POST MOUNTED (GROUND)	REPLACED SIGN	124+64	18' RT	30	36	7.50		15.00
E3-6	R1-1	STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	128+30	32' RT	30	30	6.25		14.50
E3-14	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	REPLACED SIGN	132+03	62' RT	12	18	1.50		13.50
E3-16	R1-1	STOP SIGN	POST MOUNTED (GROUND)	REPLACED SIGN	132+60	40' RT	30	30	6.25		14.50
E3-17	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	RELOCATED SIGN	133+00	22.6' LT	36	8	2.00		
E3-18	D3-1	SNS: KEELER AVE	POST MOUNTED (GROUND)	RELOCATED SIGN	133+00	22.6' LT	36	8	2.00		
E3-19	R7-1	NO PARKING ANY TIME	MOUNTED ON RELOCATED POWER POLE	REPLACED SIGN			12	18	1.50		
							SUBTOTAL:		27	0	58

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	PROPOSED STATION	PROPOSED OFFSET	PROPOSED WIDTH (IN)	PROPOSED HEIGHT (IN)	SIGN PANEL		TELESCOPING STEEL SIGN SUPPORT
									TYPE 1 (SQ FT)	TYPE 2 (SQ FT)	
E4-1	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	REPLACED SIGN	134+60	23.5' LT	12	18	1.50		13.50
E4-3	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	REPLACED SIGN	135+22	26' RT	12	18	1.50		13.50
P4-1	R3-17	BIKE LANE	POST MOUNTED (GROUND)	NEW SIGN	135+75	25.5' RT	24	18	3.00		14.17
P4-2	R3-17bP	ENDS	POST MOUNTED (GROUND)	NEW SIGN	135+75	25.5' RT	24	8	1.33		*
E4-4	D3-1	SNS: KEDVALE AVE	POST MOUNTED (GROUND)	RELOCATED SIGN	136+30	39' RT	36	8			
E4-5	R1-1	STOP SIGN	POST MOUNTED (GROUND)	RELOCATED SIGN	136+30	39' RT	30	30			
E4-6	D3-1	SNS: GROSS POINT RD	POST MOUNTED (GROUND)	RELOCATED SIGN	136+28	22.5' LT	36	8			
E4-7	D3-1	SNS: KEDVALE AVE	POST MOUNTED (GROUND)	RELOCATED SIGN	136+28	22.5' LT	36	8			
E4-8	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	RELOCATED SIGN	136+28	22.5' LT	12	18			
E4-10	R6-2R	ONE WAY	MOUNTED ON RELOCATED POWER POLE	REPLACED SIGN			18	24	3.00		
E4-11	R7-1	NO PARKING ANY TIME	MOUNTED ON RELOCATED POWER POLE	REPLACED SIGN			12	18	1.50		
E4-12	R6-2R	ONE WAY	POST MOUNTED (GROUND)	REPLACED SIGN	136+93	29.5' RT	18	24	3.00		14.00
E4-13		SNOW CONTROL	POST MOUNTED (GROUND)	RELOCATED SIGN	137+14	22' LT	30	30			
E4-14		TUNE TO 1660 AM	POST MOUNTED (GROUND)	RELOCATED SIGN	137+14	22' LT	24	24			
E4-15	R7-1	NO PARKING ANY TIME	POST MOUNTED (GROUND)	REPLACED SIGN	137+85	30' RT	12	18	1.50		13.50
E4-16		VILLAGE OF SKOKIE SIGN	POST MOUNTED (GROUND)	RELOCATED SIGN	137+85	22' LT		60"			
P4-3	R9-5	USE PED SIGNAL	POST MOUNTED (GROUND)	NEW SIGN	138+95	30.4' RT	12	18	1.50		13.50
P4-4	R9-5	USE PED SIGNAL	POST MOUNTED (GROUND)	NEW SIGN	138+57	35' LT	12	18	1.50		13.50
E4-17	R3-8	ADVANCE LANE USE SIGN: LEFT ONLY/THRU-RIGHT	MOUNTED ON RELOCATED POWER POLE	REPLACED SIGN			30	30	6.25		
P4-5	R9-5	USE PED SIGNAL	POST MOUNTED (GROUND)	NEW SIGN	140+37	43.9' RT	12	18	1.50		13.50
P4-6	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	NEW SIGN	140+07	27' LT	24	30	5.00		14.50
P4-7	R3-17	BIKE LANE	POST MOUNTED (GROUND)	NEW SIGN	141+00	27' LT	24	18	3.00		14.17
P4-8	R3-17aP	AHEAD	POST MOUNTED (GROUND)	NEW SIGN	141+00	27' LT	24	8	1.33		*
E4-18		MAST ARM SNS: HARRISON ST/OLD ORCHARD RD	MOUNTED ON NEW TRAFFIC SIGNAL MAST ARM	REPLACED SIGN			84	30			
E4-19	R2-1	SPEED LIMIT 35	MOUNTED ON NEW TRAFFIC SIGNAL POST	REPLACED SIGN			30	36	7.50		
E4-24		MAST ARM SNS: GROSS POINT ROAD	MOUNTED ON NEW TRAFFIC SIGNAL MAST ARM	REPLACED SIGN			72	30			
E4-25		MAST ARM SNS: GROSS POINT ROAD	MOUNTED ON NEW TRAFFIC SIGNAL MAST ARM	REPLACED SIGN			72	30			
E4-26	R12-1	GROSS WEIGHT LIMIT 4 TONS	MOUNTED ON NEW TRAFFIC SIGNAL POST	REPLACED SIGN			24	30	5.00		
E4-29		MAST ARM SNS: HARRISON ST/OLD ORCHARD RD	MOUNTED ON NEW TRAFFIC SIGNAL MAST ARM	REPLACED SIGN			84	30			
P4-9	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	NEW SIGN	144+00	28' LT	24	30	5.00		14.50
P4-10	R3-7R	RIGHT LANE MUST TURN RIGHT	POST MOUNTED (GROUND)	NEW SIGN	147+00	29' LT	30	30	6.25		14.50
							SUBTOTAL:		60	0	167
							TOTAL:		138	0	339

NOTES:

- THIS SIGN SHARES A POST WITH THE SIGN ABOVE IT.

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

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

SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	82
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

SHEET 84
TOP PANEL

P1-1



R3-17
24'' X 18''

P1-2



R3-17aP
24'' X 8''

P1-3



R3-17
24'' X 18''

P1-4



R3-17bP
24'' X 8''

E1-2



R7-1
12'' X 18''

E1-9



R3-5R
24'' X 30''

SHEET 84
BOTTOM PANEL

E2-1



R7-1
12'' X 18''

P2-1



R4-4
36'' X 30''

P2-2



R3-17
24'' X 18''

P2-3



R3-17bP
24'' X 8''

P2-4



R3-17aP
24'' X 8''

E2-2



R7-1
12'' X 18''

E2-5



R1-1
30'' X 30''

E2-8



R2-1
30'' X 36''

E2-14



R1-1
30'' X 30''

E2-18



R7-1
12'' X 18''

E3-1



R2-1
30'' X 36''

E3-6



R1-1
30'' X 30''

E3-14



R7-1
12'' X 18''

E3-16



R1-1
30'' X 30''

E3-19



R7-1
12'' X 18''

SHEET 85
BOTTOM PANEL

E4-1



R7-1
12'' X 18''

E4-3



R7-1
12'' X 18''

E4-10



R6-2R
18'' X 24''

E4-11



R7-1
12'' X 18''

E4-12



R6-2R
18'' X 24''

P4-1



R3-17
24'' X 18''

P4-2



R3-17bP
24'' X 8''

E4-15



R7-1
12'' X 18''

P4-3



R9-5
12'' X 18''

P4-4



R9-5
12'' X 18''

E4-17



R3-8
30'' X 30''

P4-5



R9-5
12'' X 18''

P4-6



R3-17
24'' X 18''

P4-7



R3-17aP
24'' X 8''

E4-19



R2-1
30'' X 36''

E4-26



R12-1
24'' X 30''

P4-8



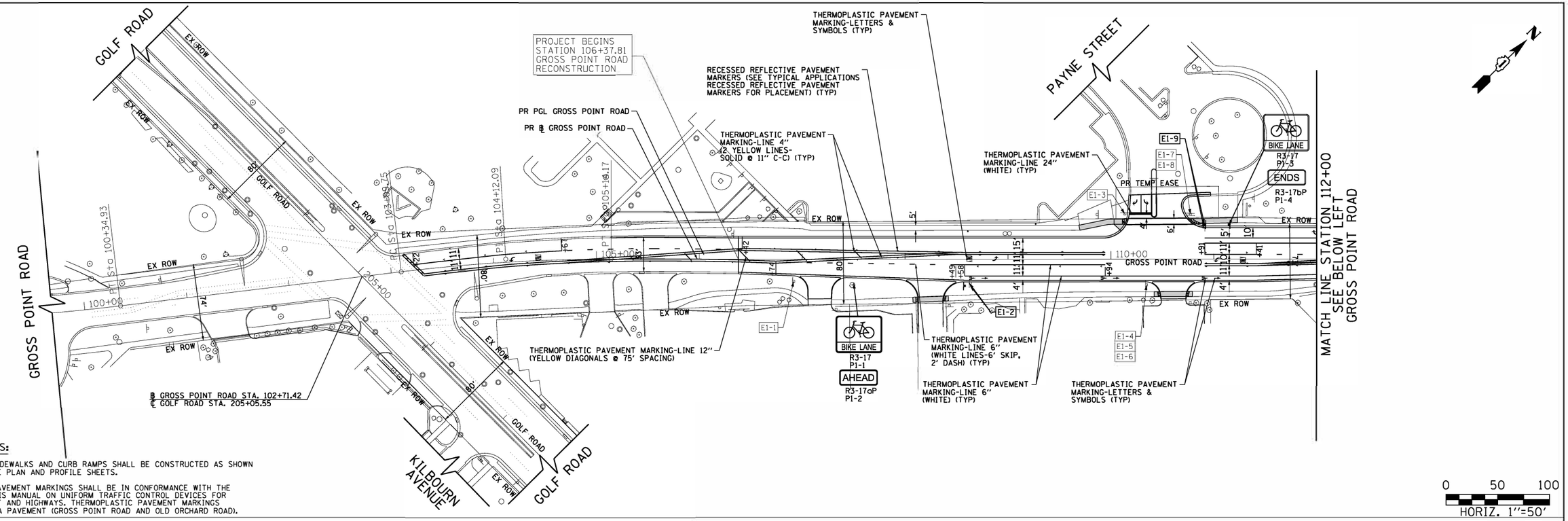
R3-5R
24'' X 30''

P4-9



R3-7R
30'' X 30''

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD PROPOSED SIGN LEGEND	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MLB	REVISED -			3520	08-00279-00-FP	COOK	160	83
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -						CONTRACT NO. 61H23	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		SHEET 3 OF 5 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		



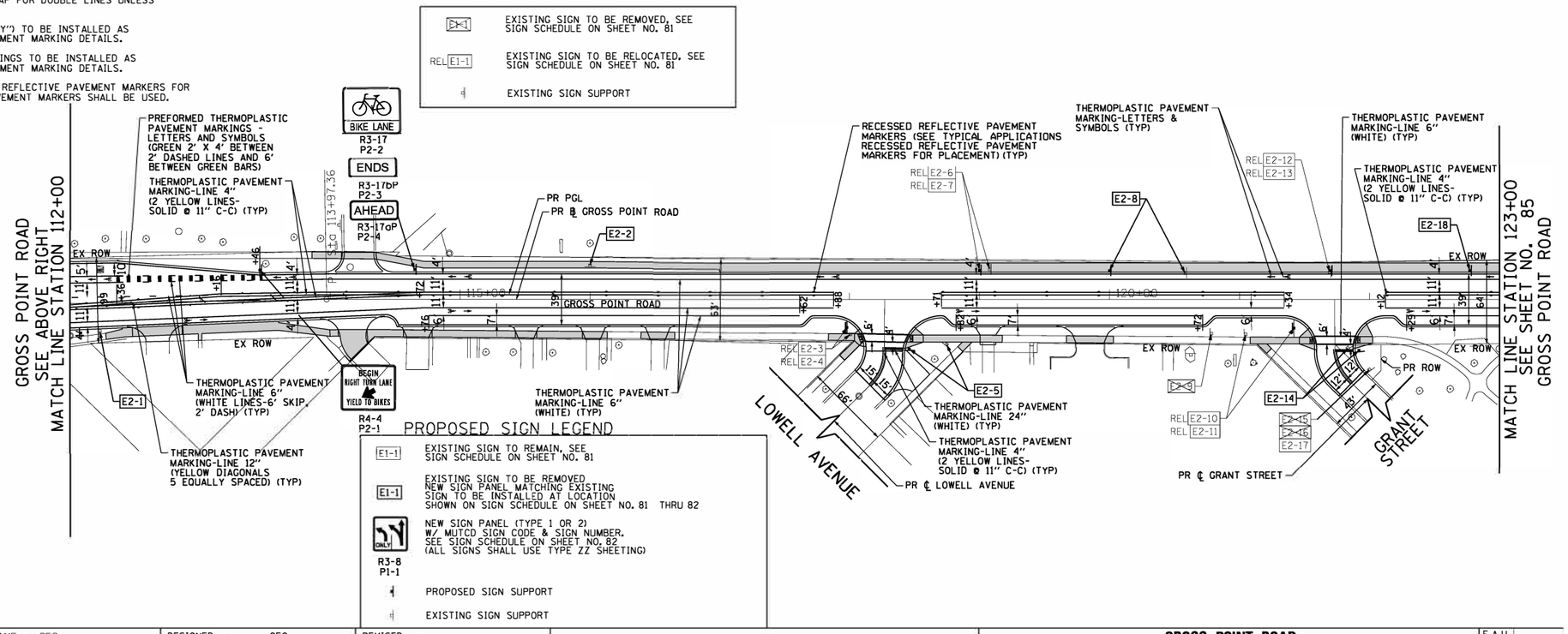
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HORIZ. 1"=50'

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

E1-1	EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE ON SHEET NO. 81
REL E1-1	EXISTING SIGN TO BE RELOCATED, SEE SIGN SCHEDULE ON SHEET NO. 81
	EXISTING SIGN SUPPORT



PROPOSED SIGN LEGEND

E1-1	EXISTING SIGN TO REMAIN, SEE SIGN SCHEDULE ON SHEET NO. 81
E1-1	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
ONLY R3-8 P1-1	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

0 50 100
HORIZ. 1"=50'

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD PAVEMENT MARKING AND SIGNING PLAN
		DRAWN - MLB	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. 106+37.81 TO STA. 123+00.00
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

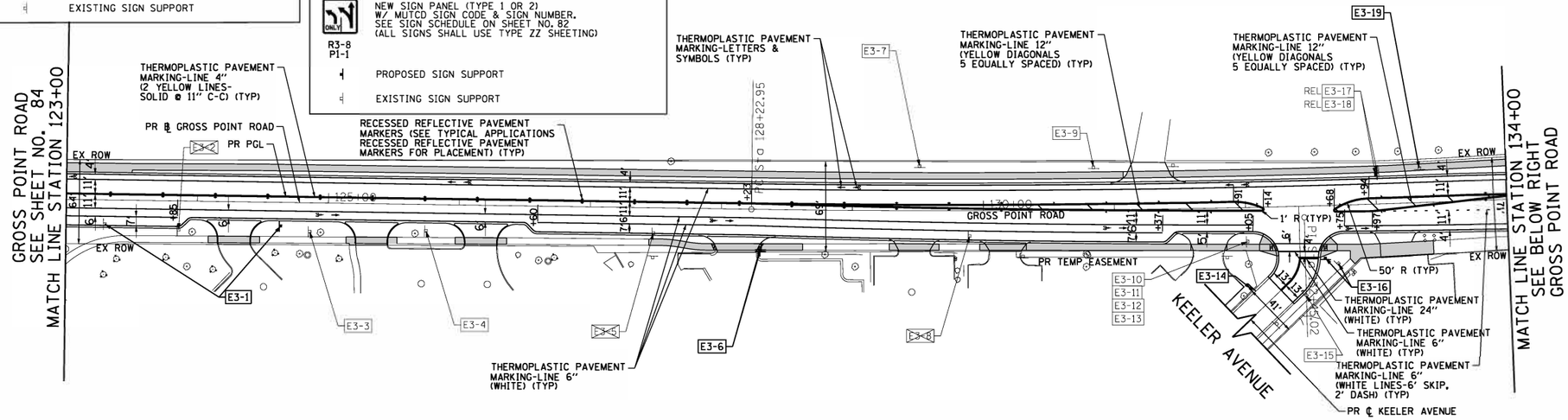
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	84
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			

EXISTING SIGN LEGEND

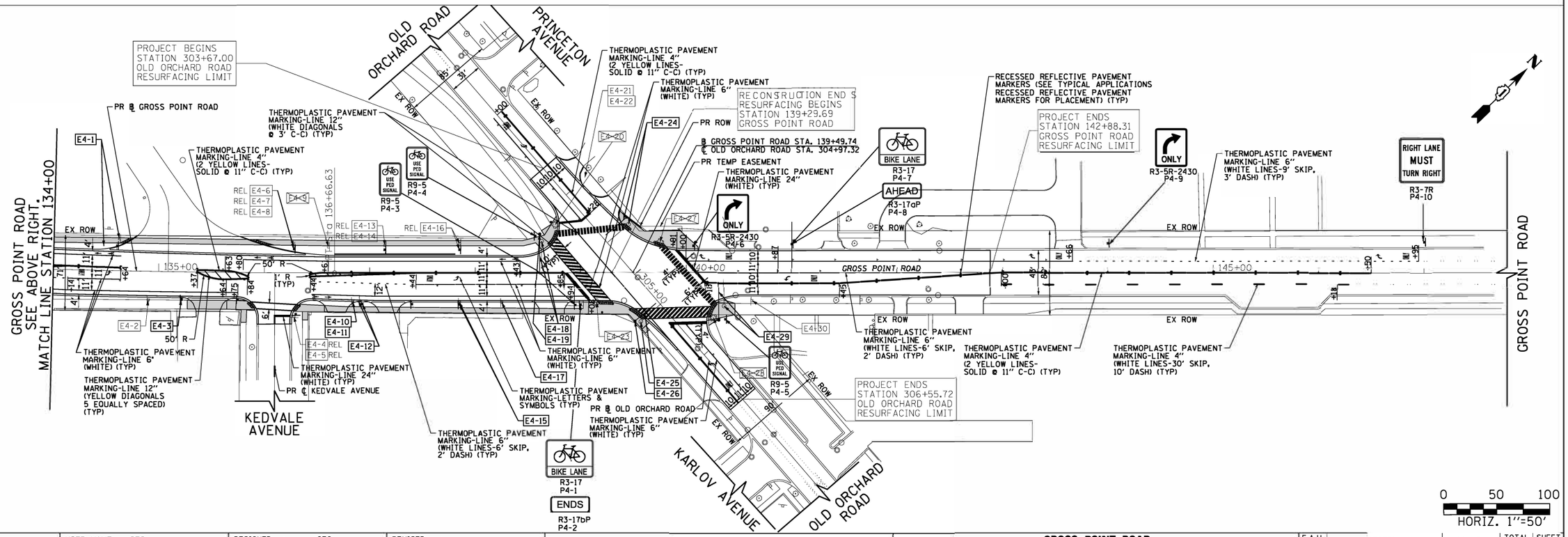
E3-1	EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE ON SHEET NO. 81
REL E1-1	EXISTING SIGN TO BE RELOCATED, SEE SIGN SCHEDULE ON SHEET NO. 81
	EXISTING SIGN SUPPORT

PROPOSED SIGN LEGEND

E1-1	EXISTING SIGN TO REMAIN, SEE SIGN SCHEDULE ON SHEET NO. 81
E1-1	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
ONLY R3-8 P1-1	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



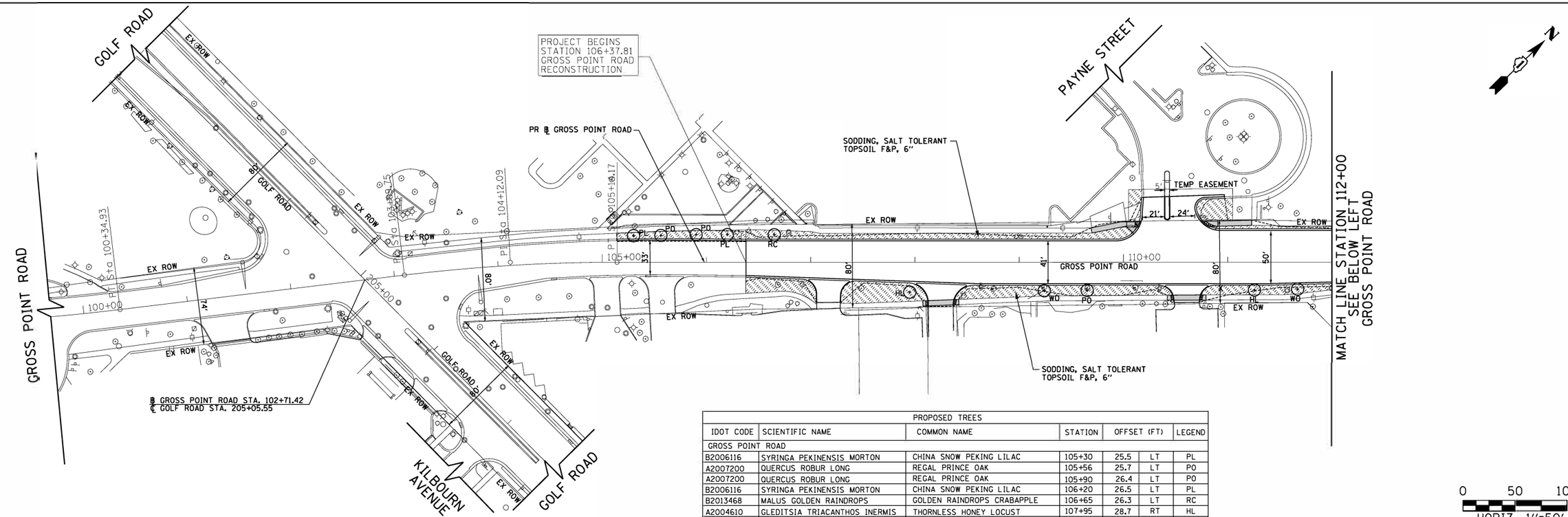
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HORIZ. 1"=50'



0 50 100
HORIZ. 1"=50'

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 PAVEMENT MARKING AND SIGNING PLAN**
Default		DRAWN - MLB	REVISED -		SCALE: 1"=50' SHEET 5 OF 5 SHEETS STA. 123+00.00 TO STA. 145+20.00
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

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		



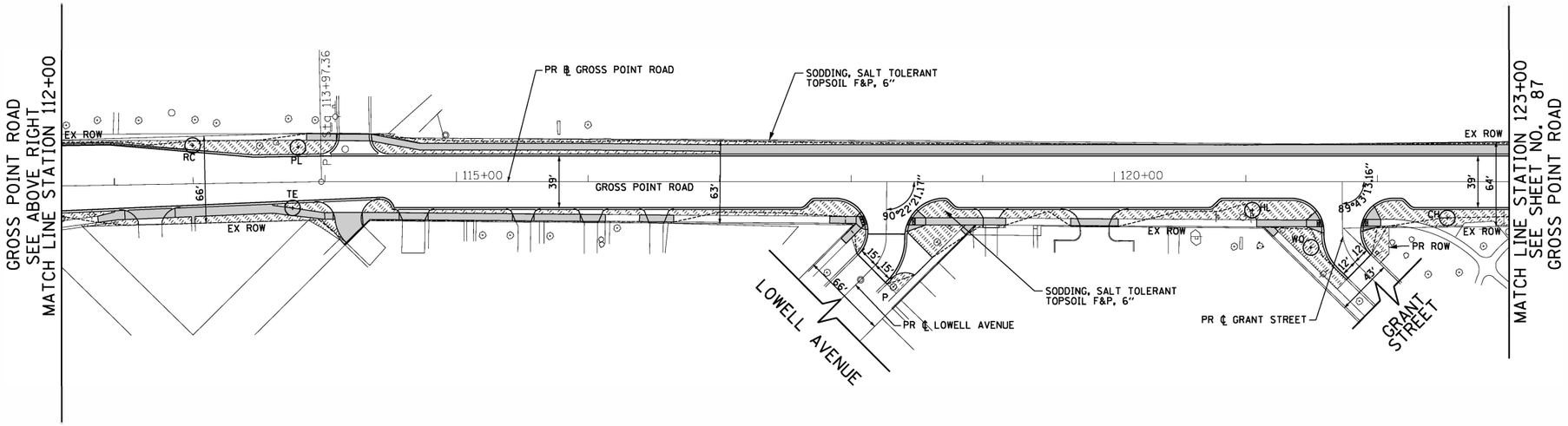
PROPOSED TREES						
IDOT CODE	SCIENTIFIC NAME	COMMON NAME	STATION	OFFSET (FT)		LEGEND
GROSS POINT ROAD						
B2006116	SYRINGA PEKINENSIS MORTON	CHINA SNOW PEKING LILAC	105+30	25.5	LT	PL
A2007200	QUERCUS ROBUR LONG	REGAL PRINCE OAK	105+56	25.7	LT	PO
A2007200	QUERCUS ROBUR LONG	REGAL PRINCE OAK	105+90	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

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



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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
LANDSCAPING PLAN

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

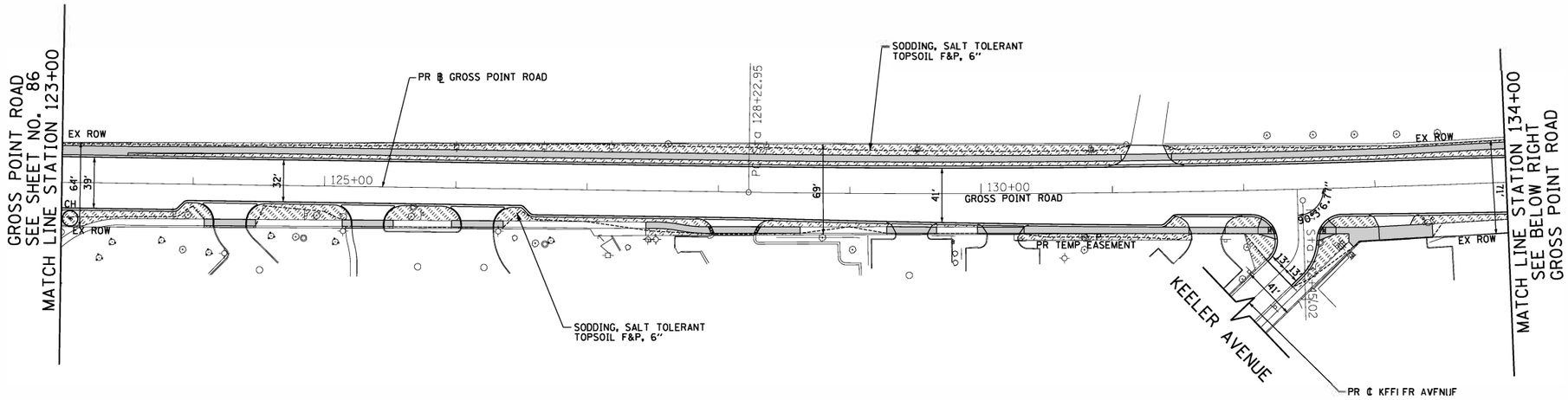
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3520	08-00279-00-FP	COOK	160	86
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

LEGEND

SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 6"

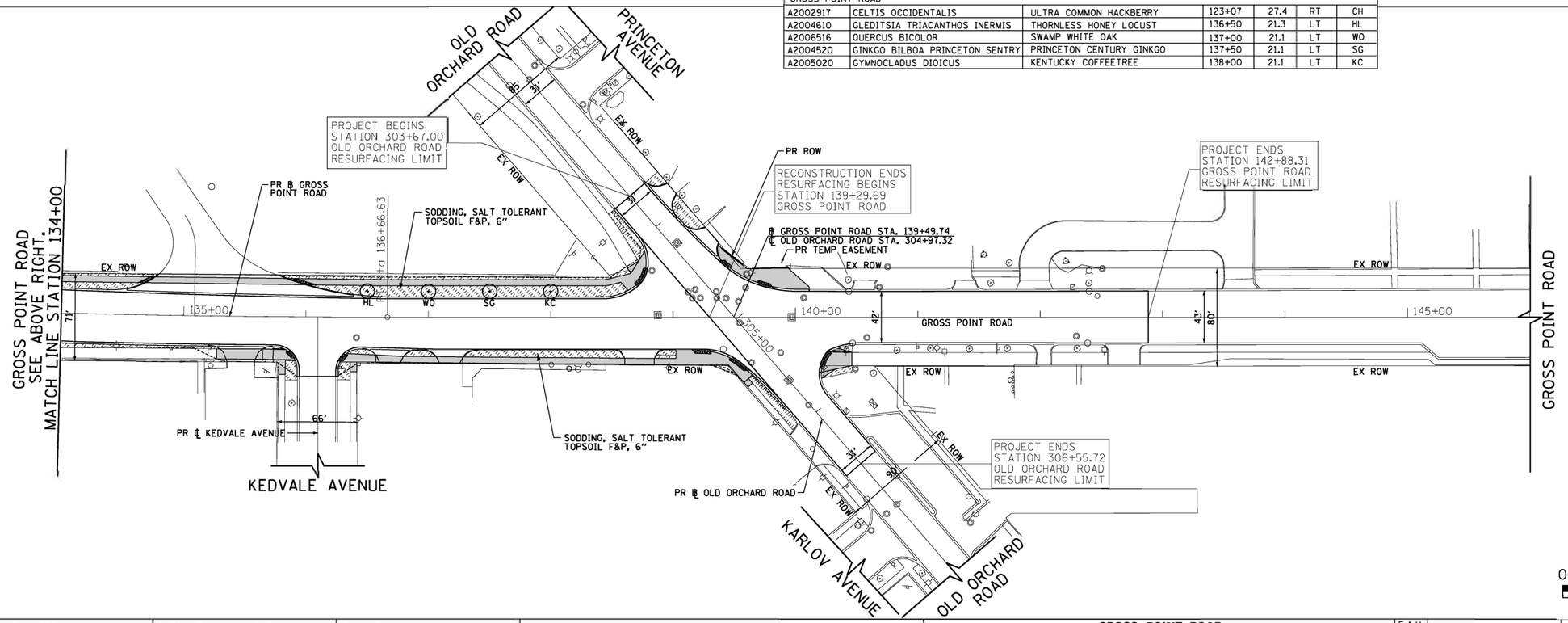
PROPOSED TREE

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

0 50 100
HORIZ. 1"=50'



0 50 100
HORIZ. 1"=50'

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -
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	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
LANDSCAPING 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	87
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	T	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P	P
SAMPLING (SYSTEM) DETECTOR	S	S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS	IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS	QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	P	P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	P RB	P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

TS SHT NO. 1

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Default	PLOT SCALE = 50.0000 ' / in.	CHECKED - LP	REVISED -
	PLOT DATE = 9/29/2016	DATE - 9/29/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	88
	TS-05	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

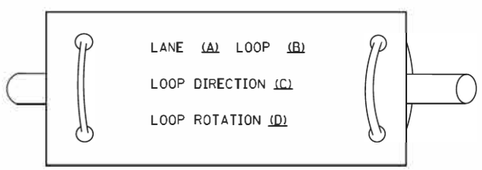
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

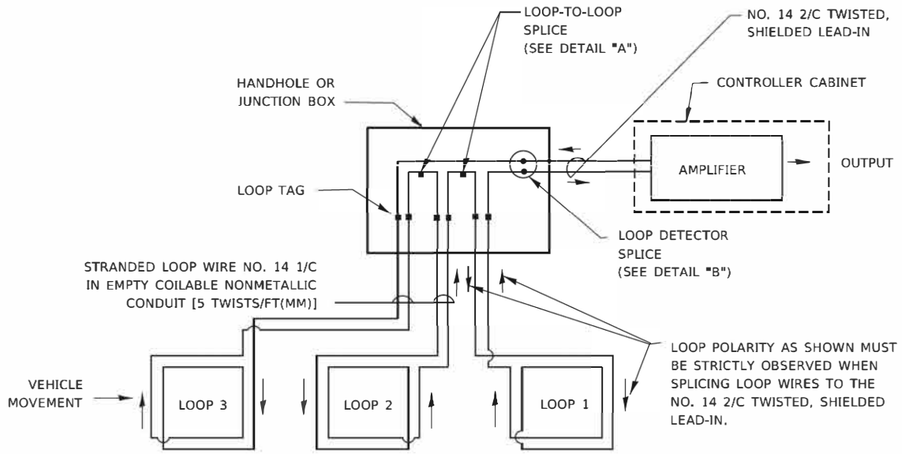
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

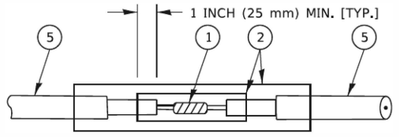


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

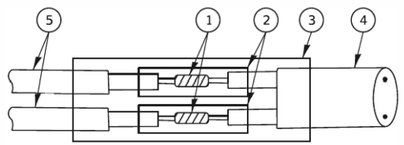


DETECTOR LOOP WIRING SCHEMATIC

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

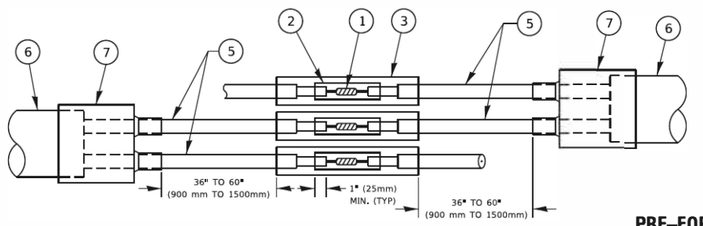


DETAIL "A"
LOOP-TO-LOOP SPLICE



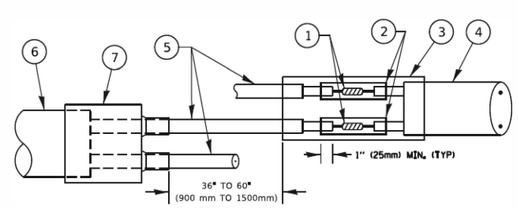
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP

(6) XL POLYOLEFIN 2 CONDUCTOR

(7) BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

TS SHT NO. 2

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PLOT DATE = 3/4/2019	DATE -	REVISED -	

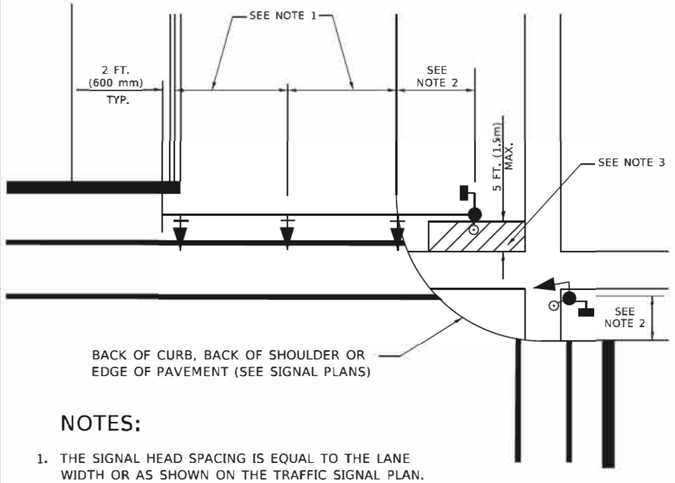
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 2 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	89
	TS-05	CONTRACT NO. 61H23		
		ILLINOIS	FED. AID PROJECT	

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

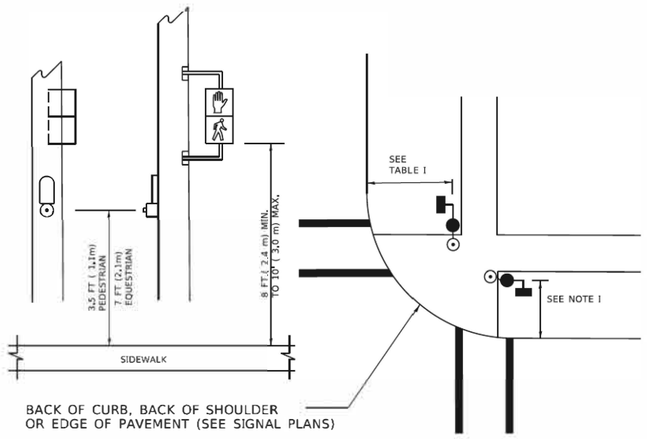
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

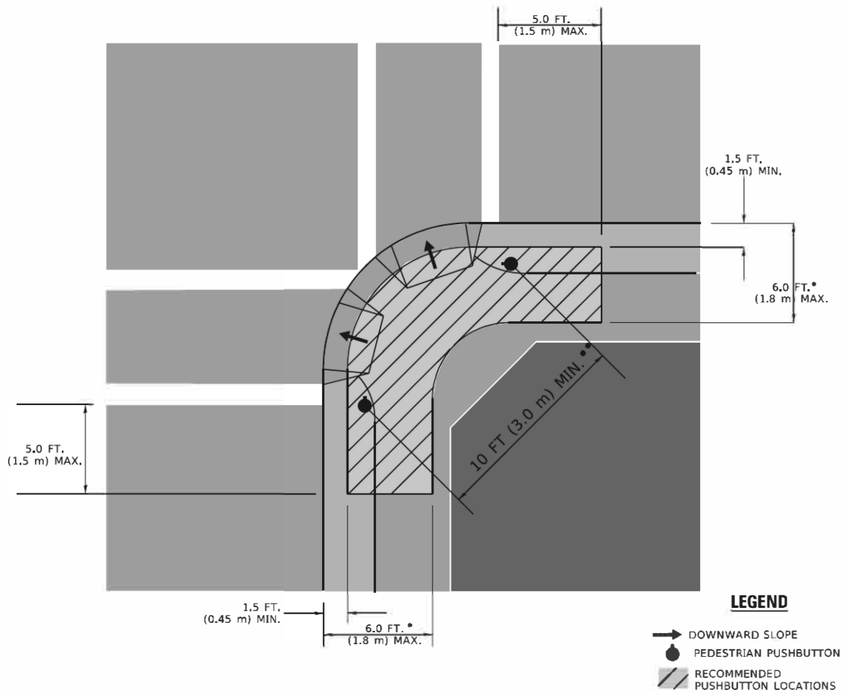
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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



* 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 TOTHE 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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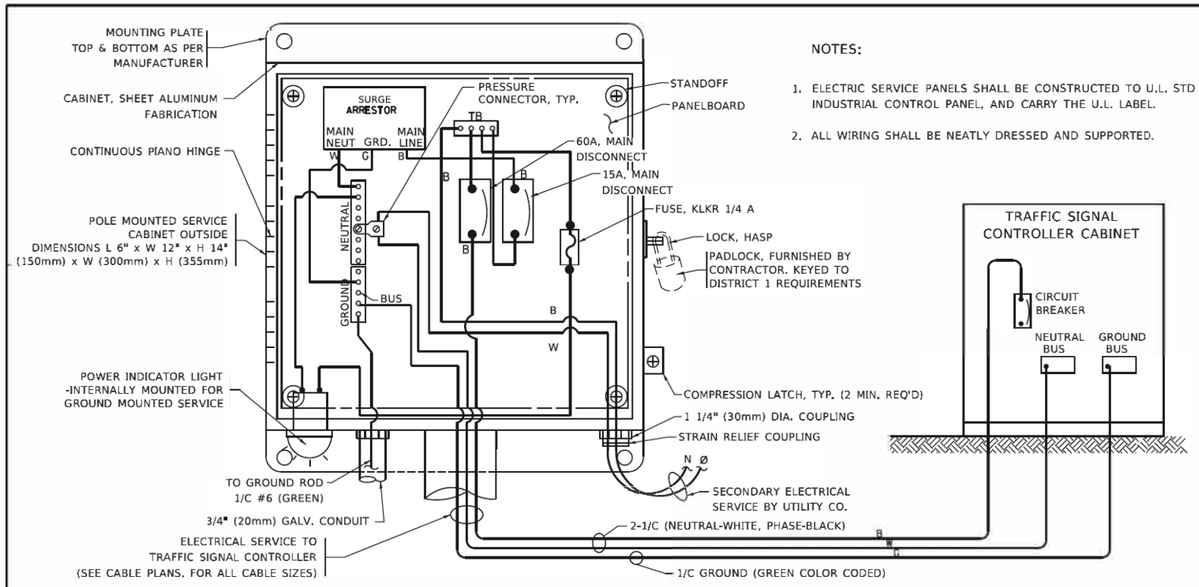
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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			



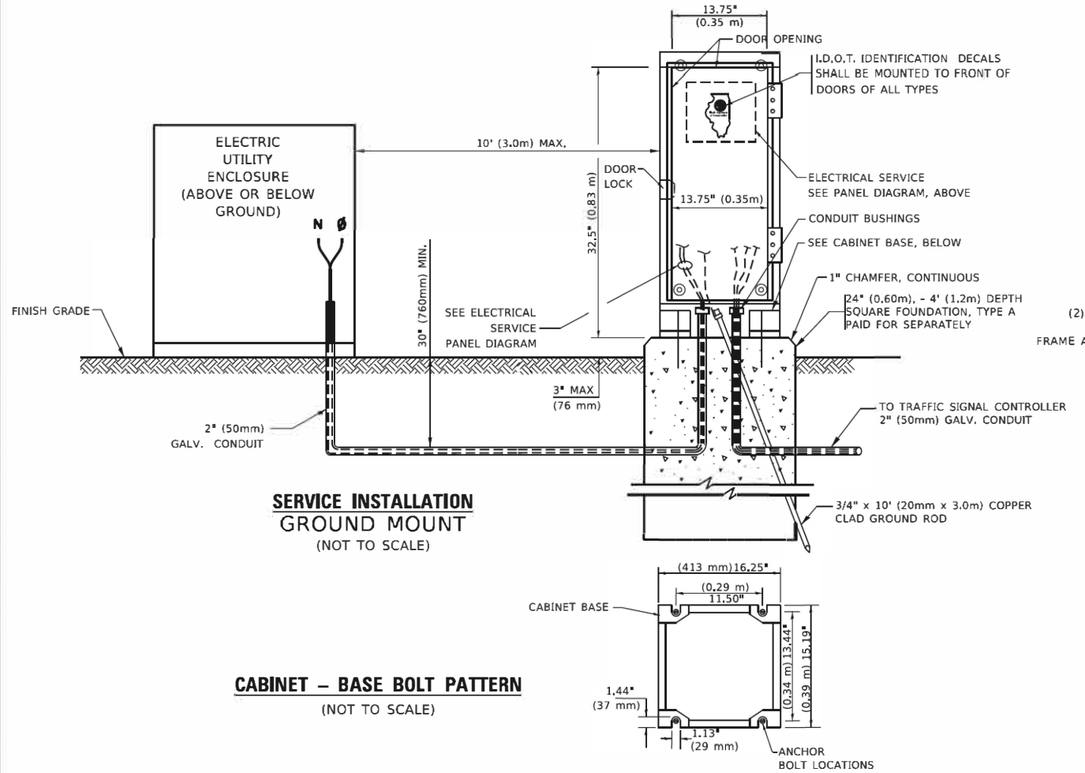
NOTES:

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

ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)

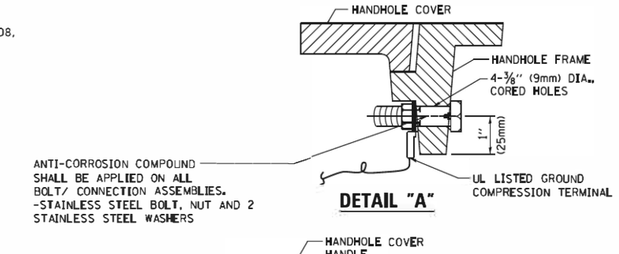


SERVICE INSTALLATION GROUND MOUNT

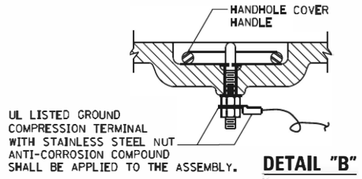
(NOT TO SCALE)

CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



DETAIL "A"

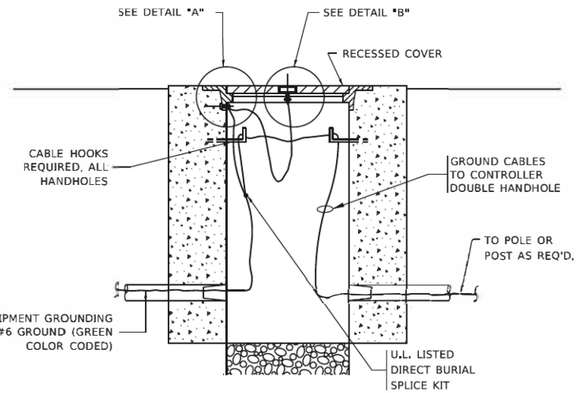


DETAIL "B"

NOTES:

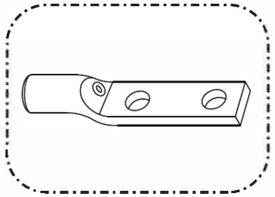
GROUNDING SYSTEM

1. 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.
2. 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.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



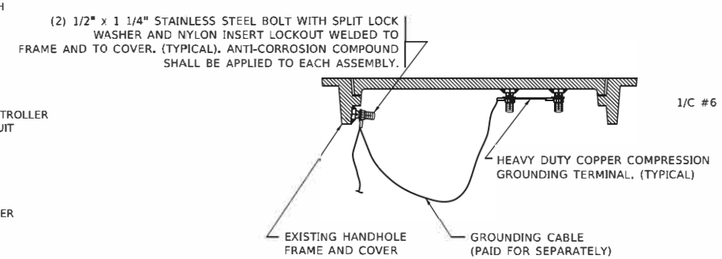
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

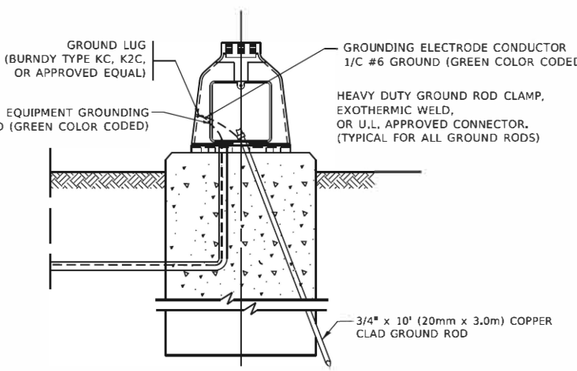
NOTES:

- 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.



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

TS SHT NO. 4

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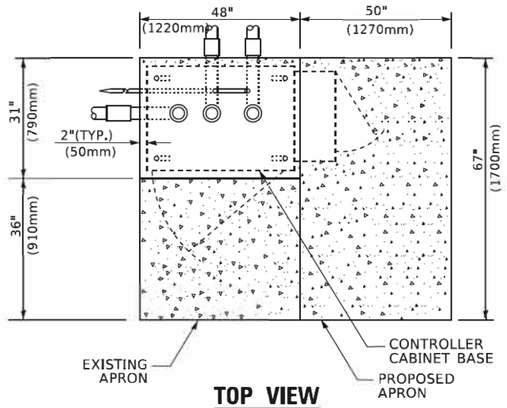
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

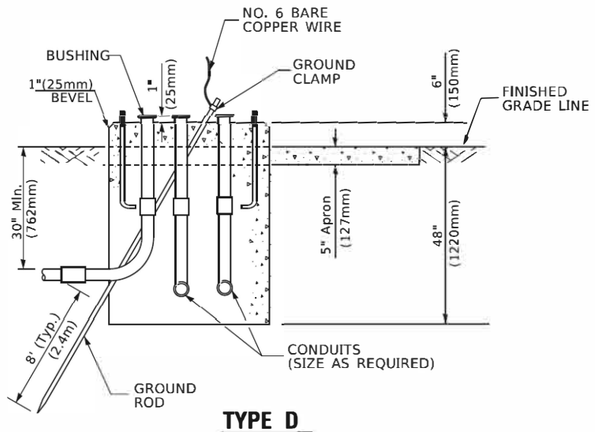
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

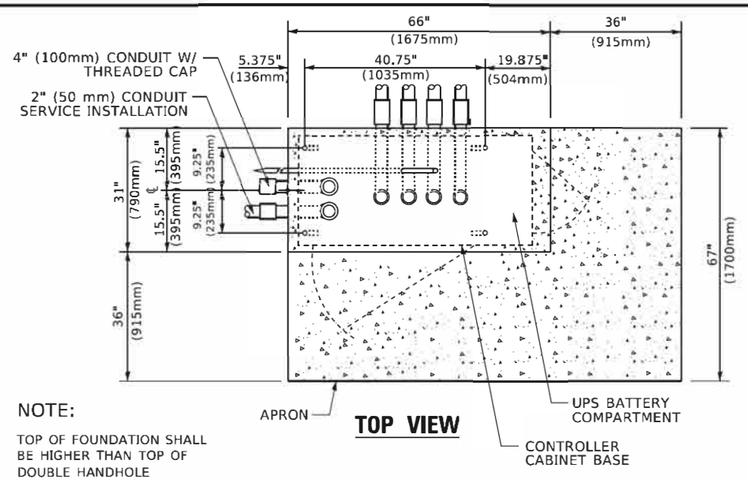
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	91
	TS-05	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



TOP VIEW



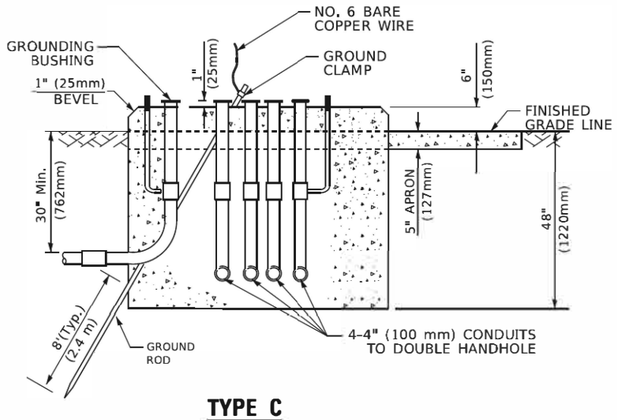
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



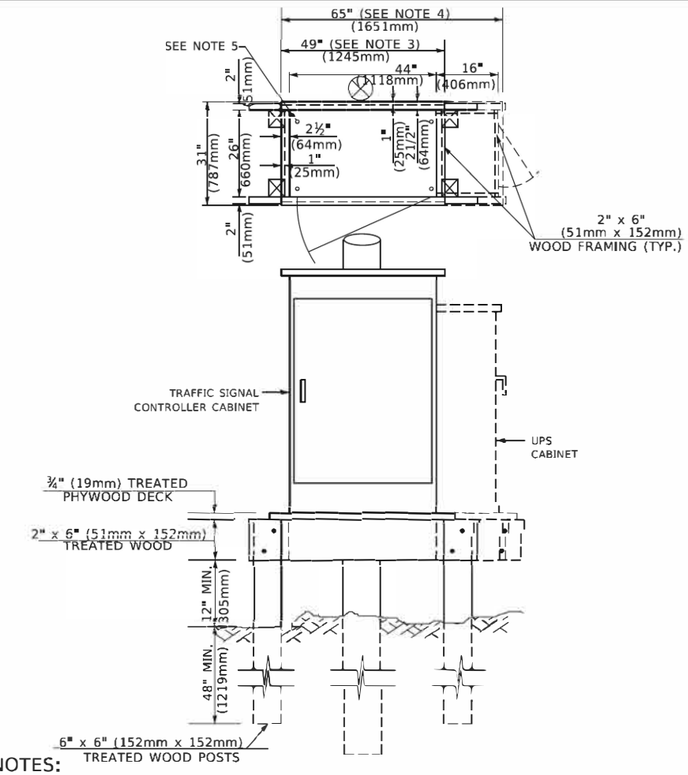
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



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)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 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

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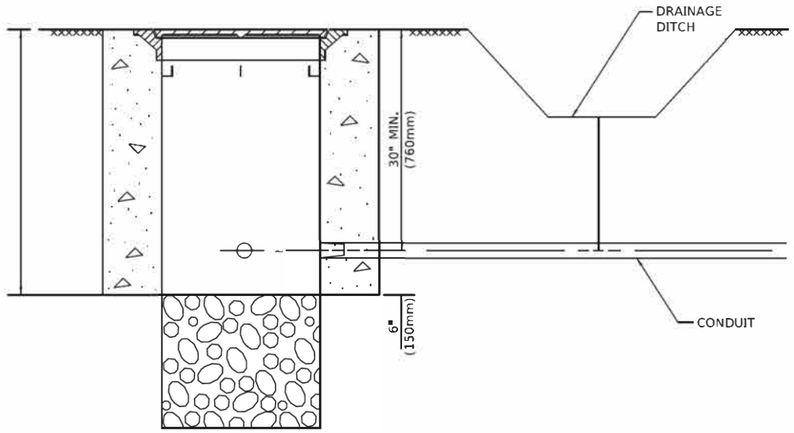
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 5 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
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	TS-05	CONTRACT NO. 61H23	
	ILLINOIS FED. AID PROJECT		

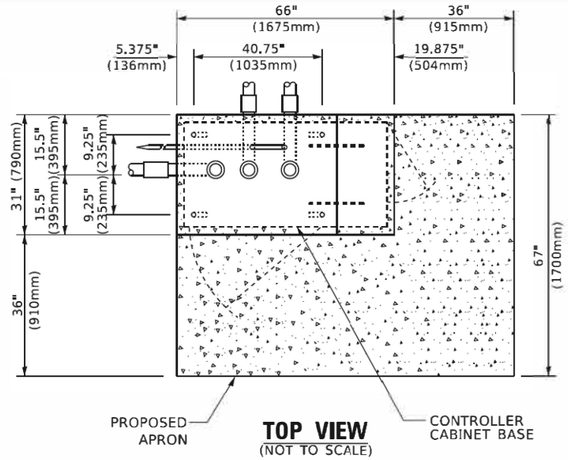


NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

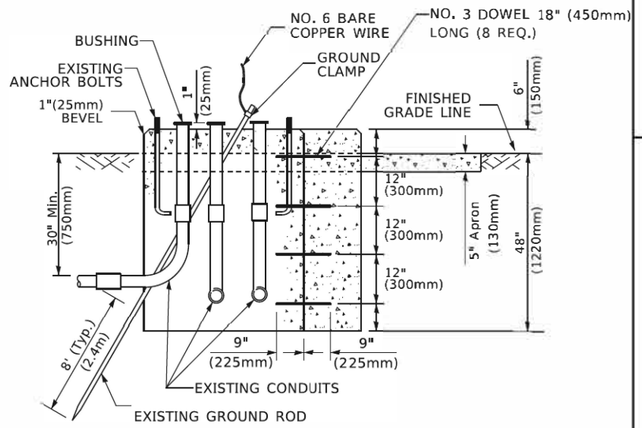
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



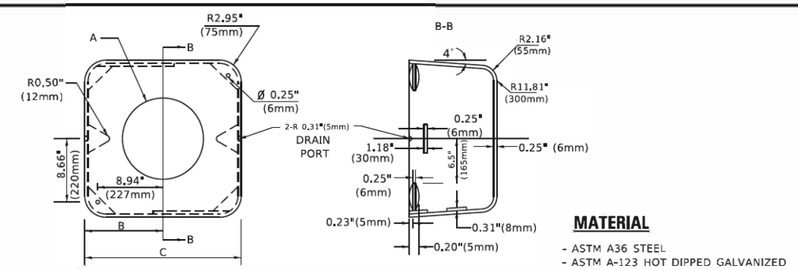
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

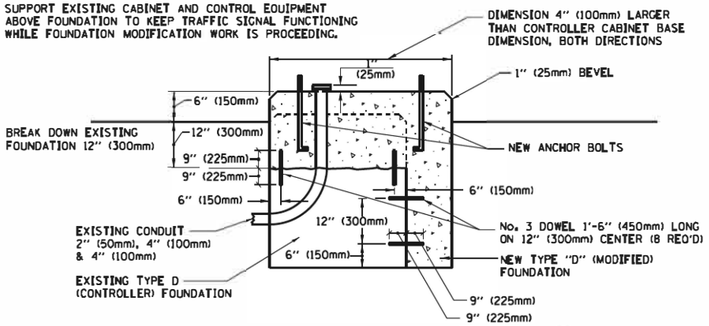
SHROUD

NOTES:

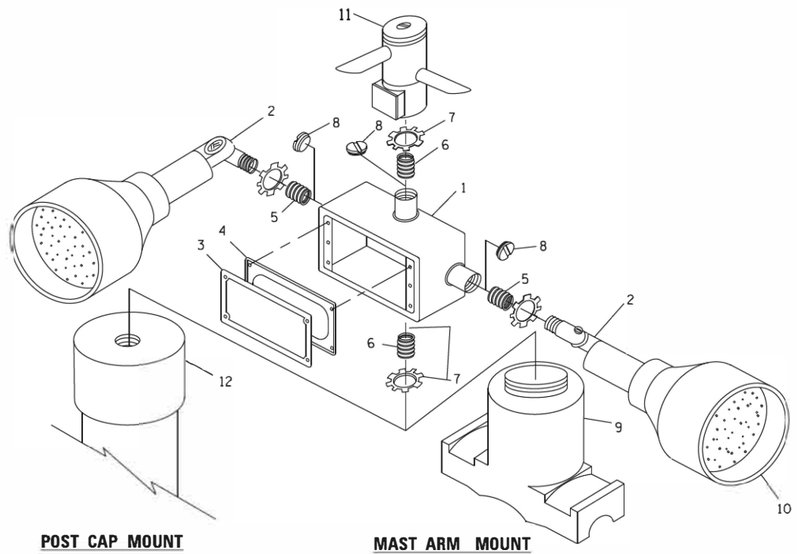
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



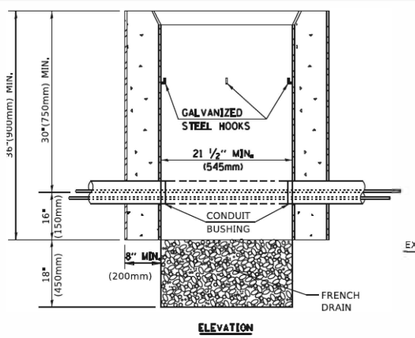
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

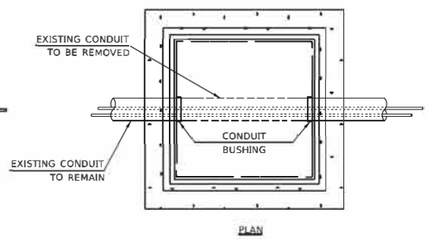
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV, 21 CU.IN, (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



ELEVATION



PLAN

NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

TS SHT NO. 6

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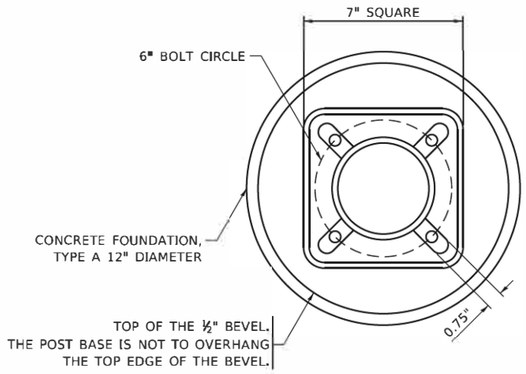
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PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 18 SHEETS | STA. | TO STA.

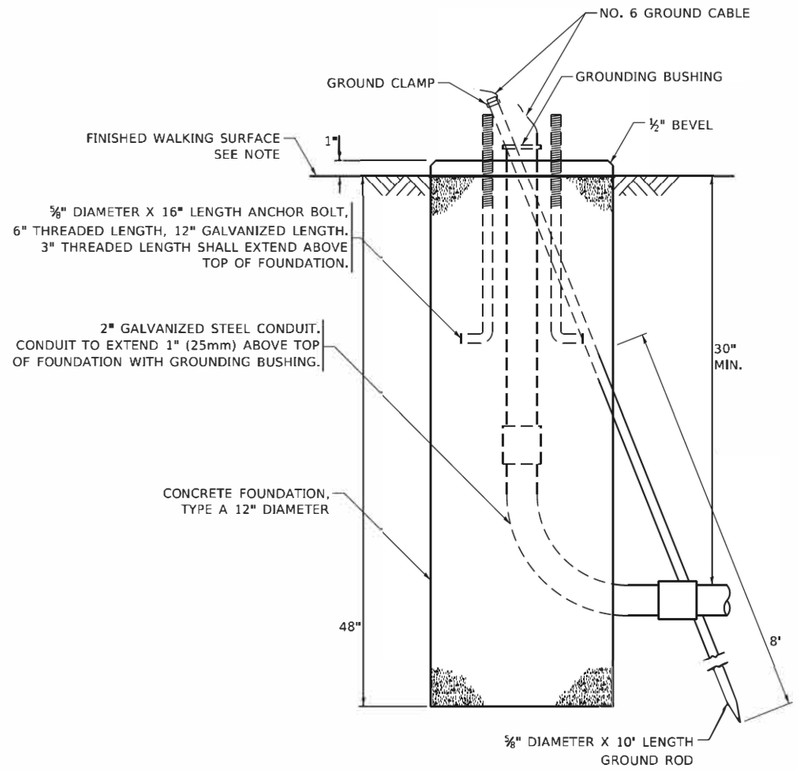
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	93
	TS-05	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



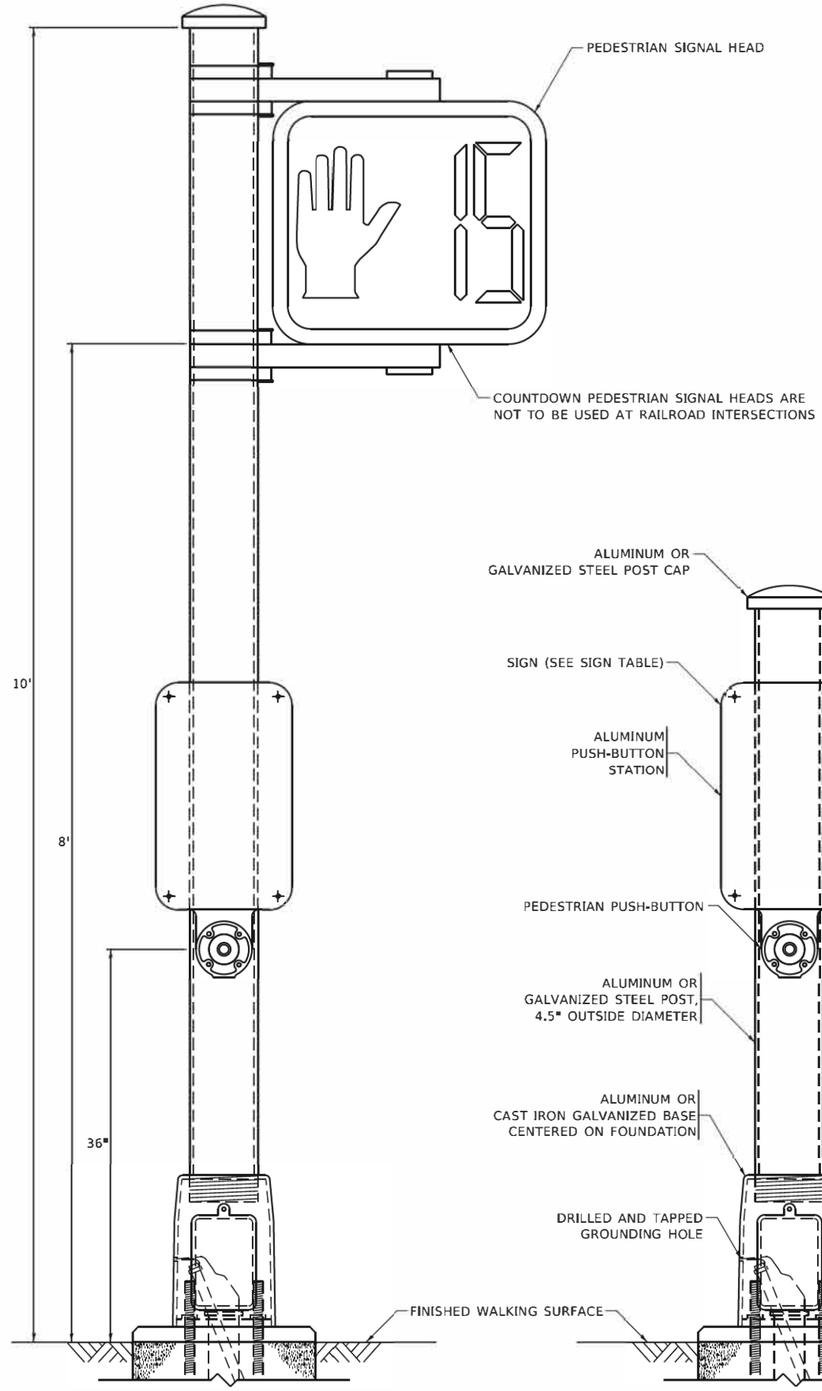
BOLT PATTERN

NOTE:

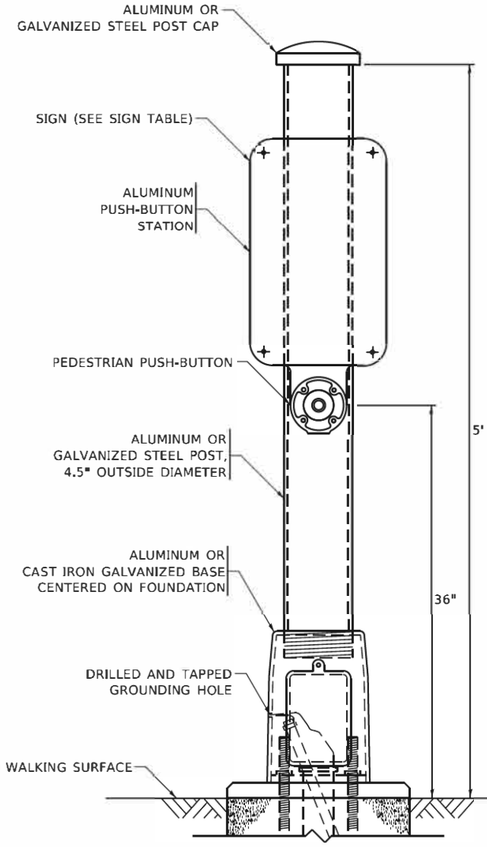
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12–INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



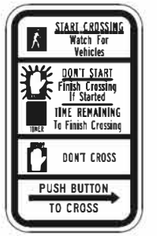
PEDESTRIAN SIGNAL POST, 5 FT.



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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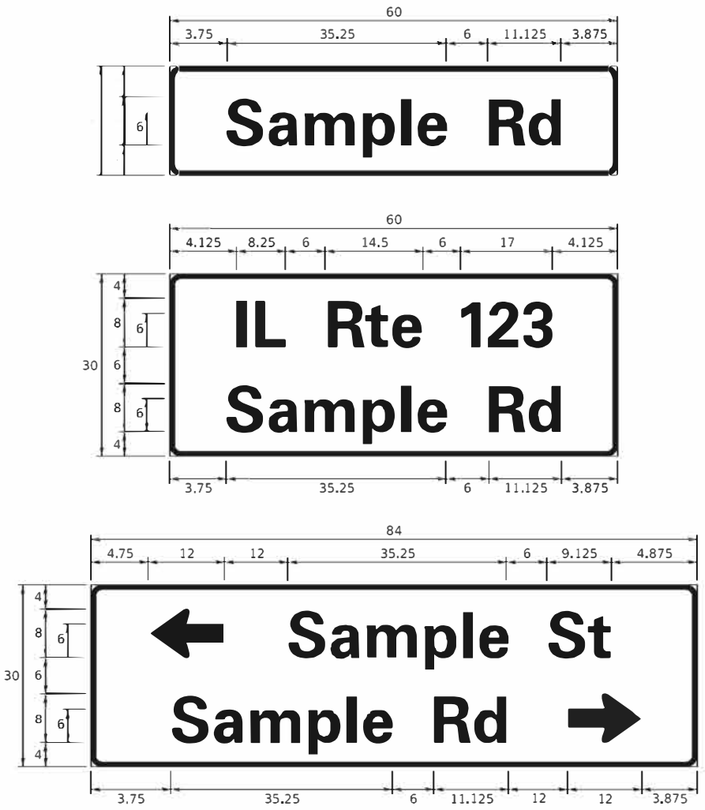
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 7 OF 18 SHEETS | STA. | TO STA.

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

1. 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.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. 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.
4. 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.
5. 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.
6. 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

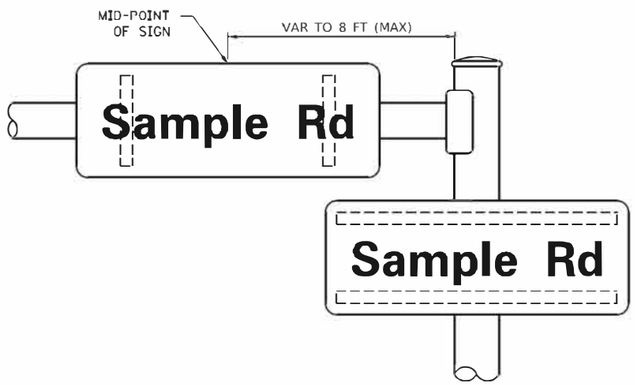
PARTS LISTING:

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

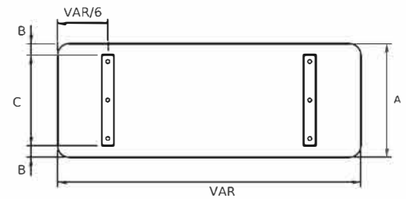
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

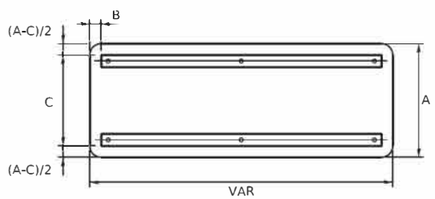
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"



A	B	C
18"	2"	12"
30"	2"	22"

STANDARD ALPHABETS SPACING CHART

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

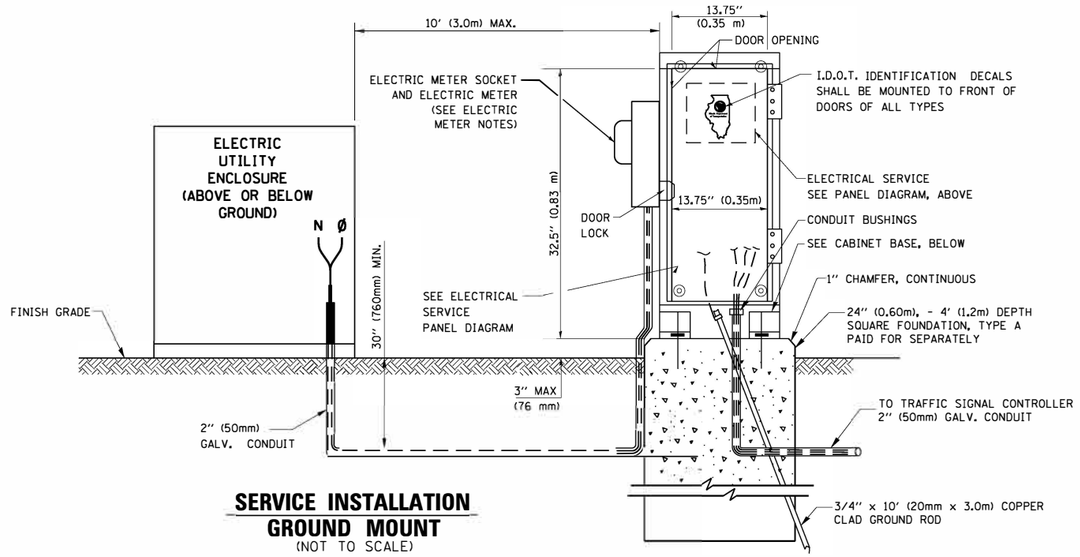
FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	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

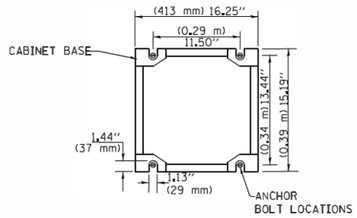
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	DRAWN - LP	REVISED -		
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PLOT DATE = 3/4/2019	DATE - 10/01/2014	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	95
	TS-02	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



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.

TS SHT NO. 9

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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.

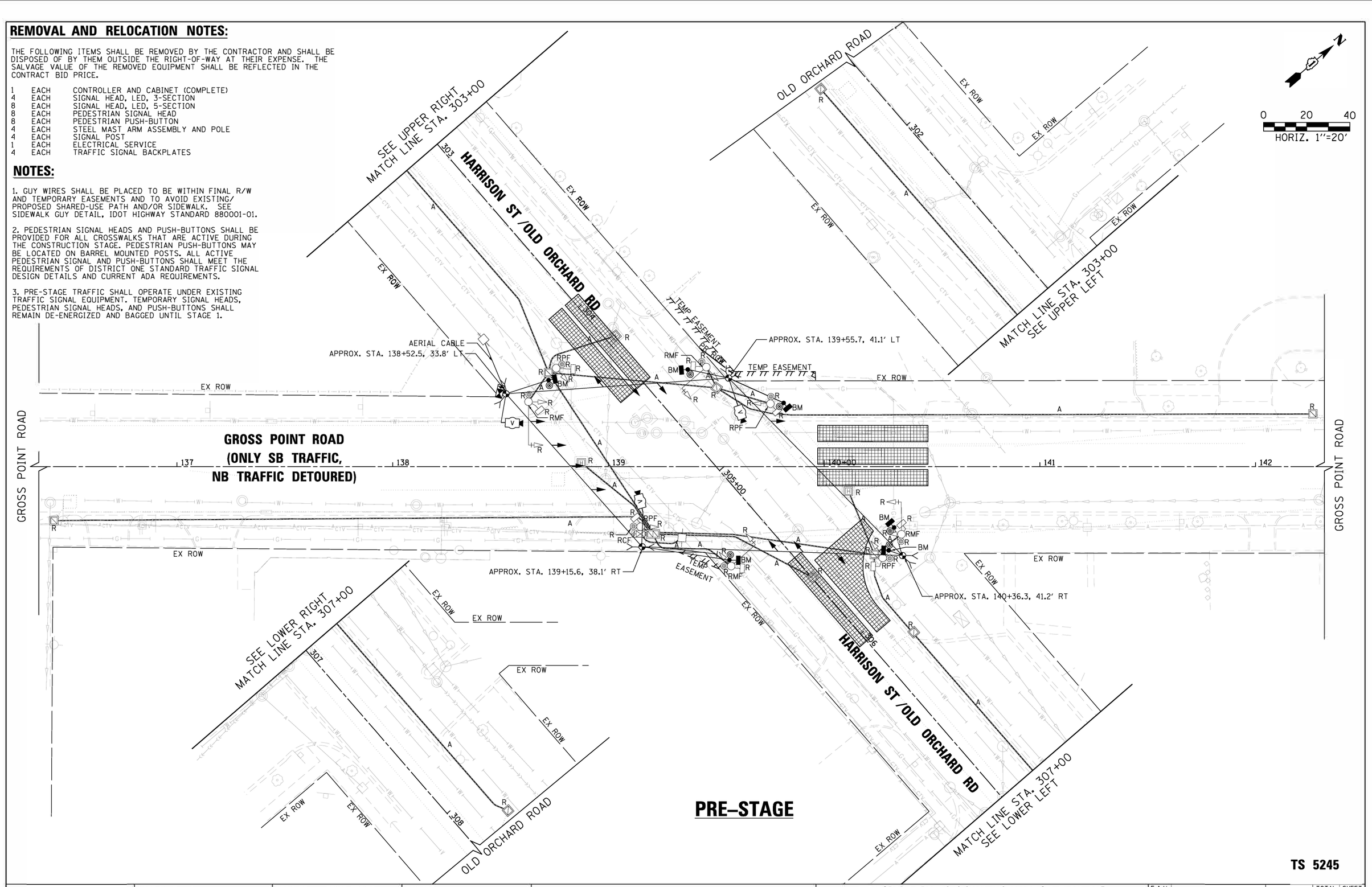
1	EACH	CONTROLLER AND CABINET (COMPLETE)
4	EACH	SIGNAL HEAD, LED, 3-SECTION
8	EACH	SIGNAL HEAD, LED, 5-SECTION
8	EACH	PEDESTRIAN SIGNAL HEAD
8	EACH	PEDESTRIAN PUSH-BUTTON
4	EACH	STEEL MAST ARM ASSEMBLY AND POLE
4	EACH	SIGNAL POST
1	EACH	ELECTRICAL SERVICE
4	EACH	TRAFFIC SIGNAL BACKPLATES

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 5245

TS SHT NO. 10

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 -	

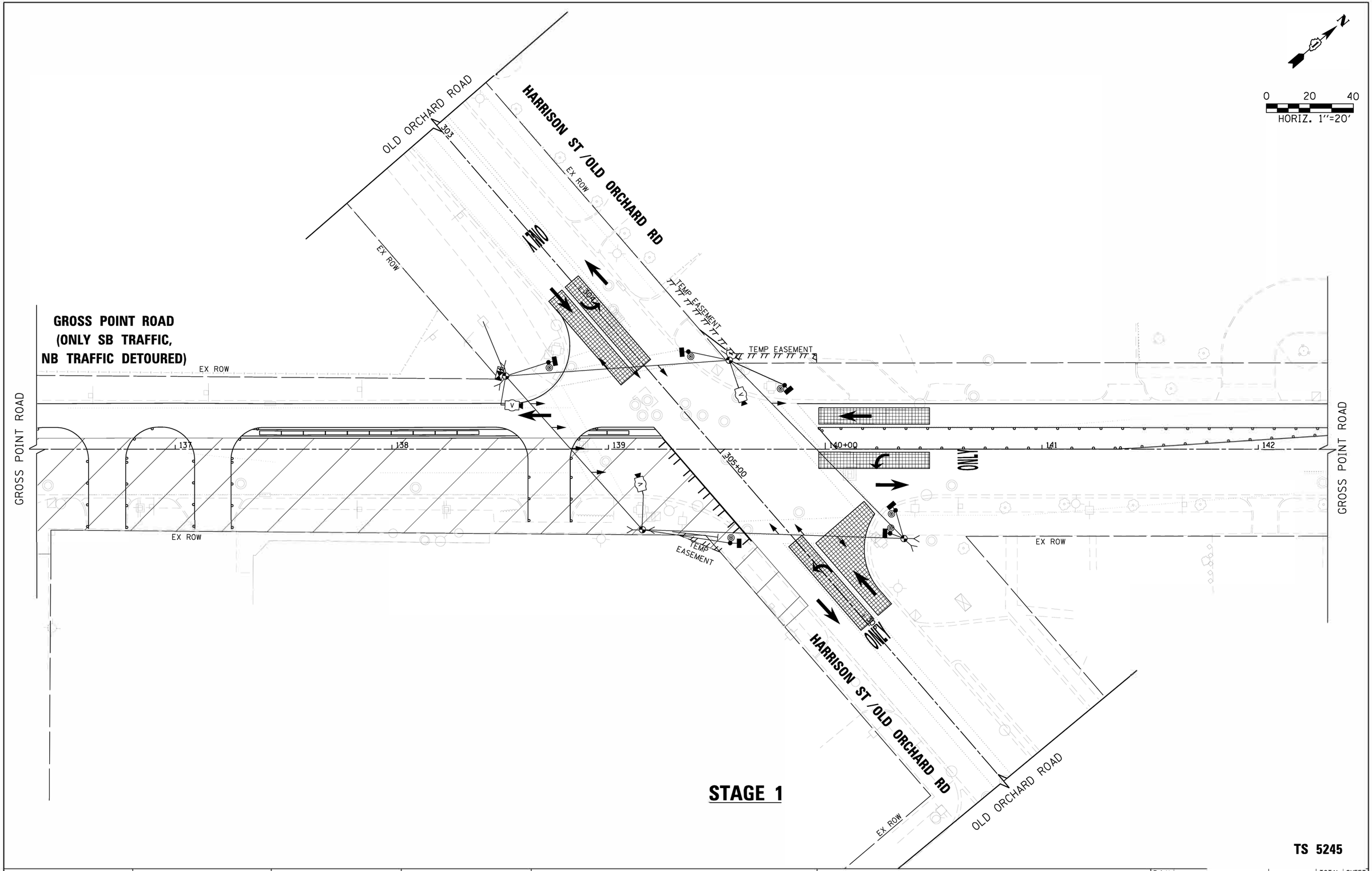
TranSystems

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



TS SHT NO. 11

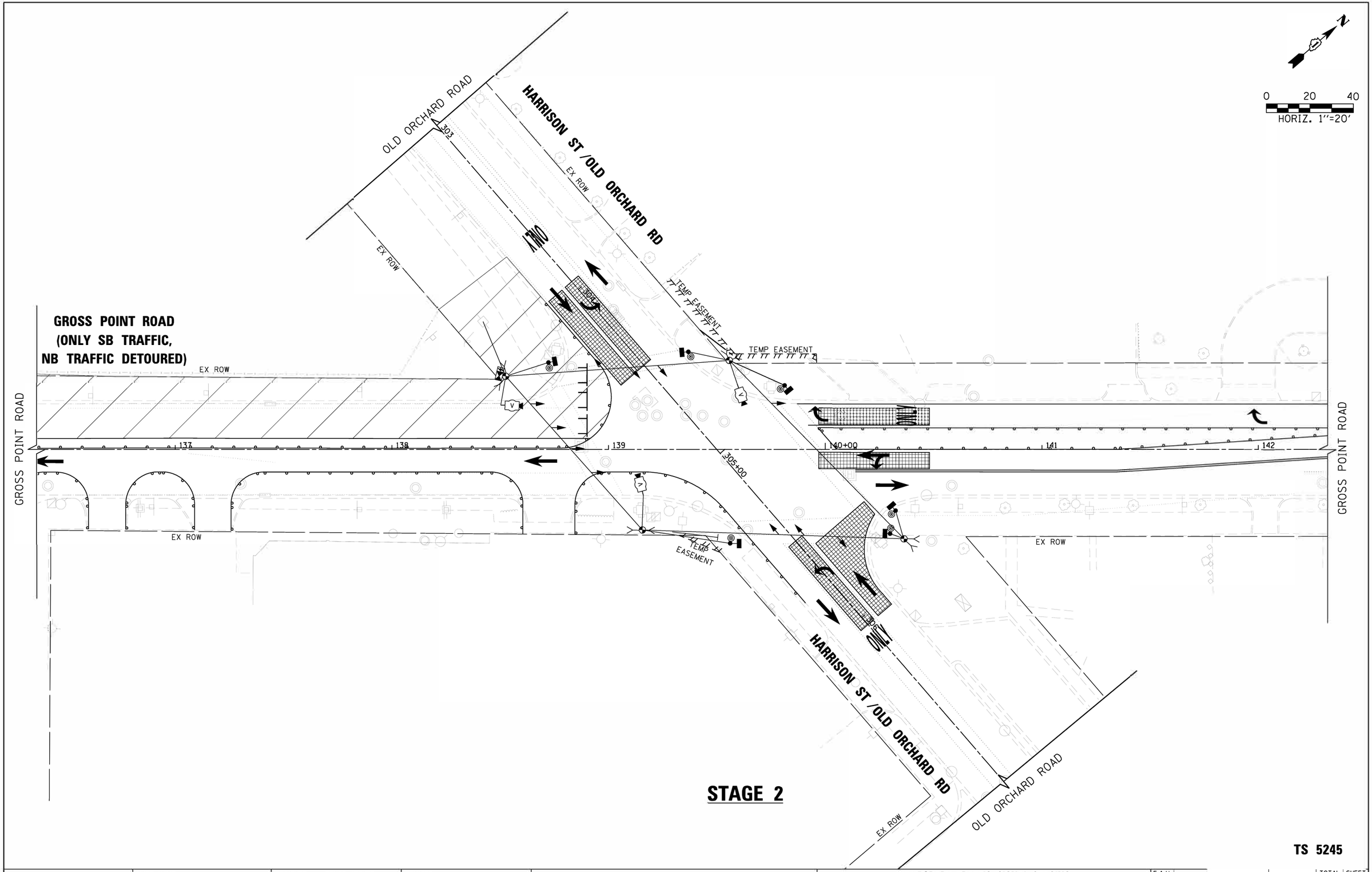
TranSystems	USER NAME = btwegner	DESIGNED - BRYCE WEGNER	REVISED -
		DRAWN - BRYCE WEGNER	REVISED -
	PLOT SCALE = 50 SCALE	CHECKED - GAURAV RAI	REVISED -
	PLOT DATE = 6/27/2022	DATE - 6/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

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

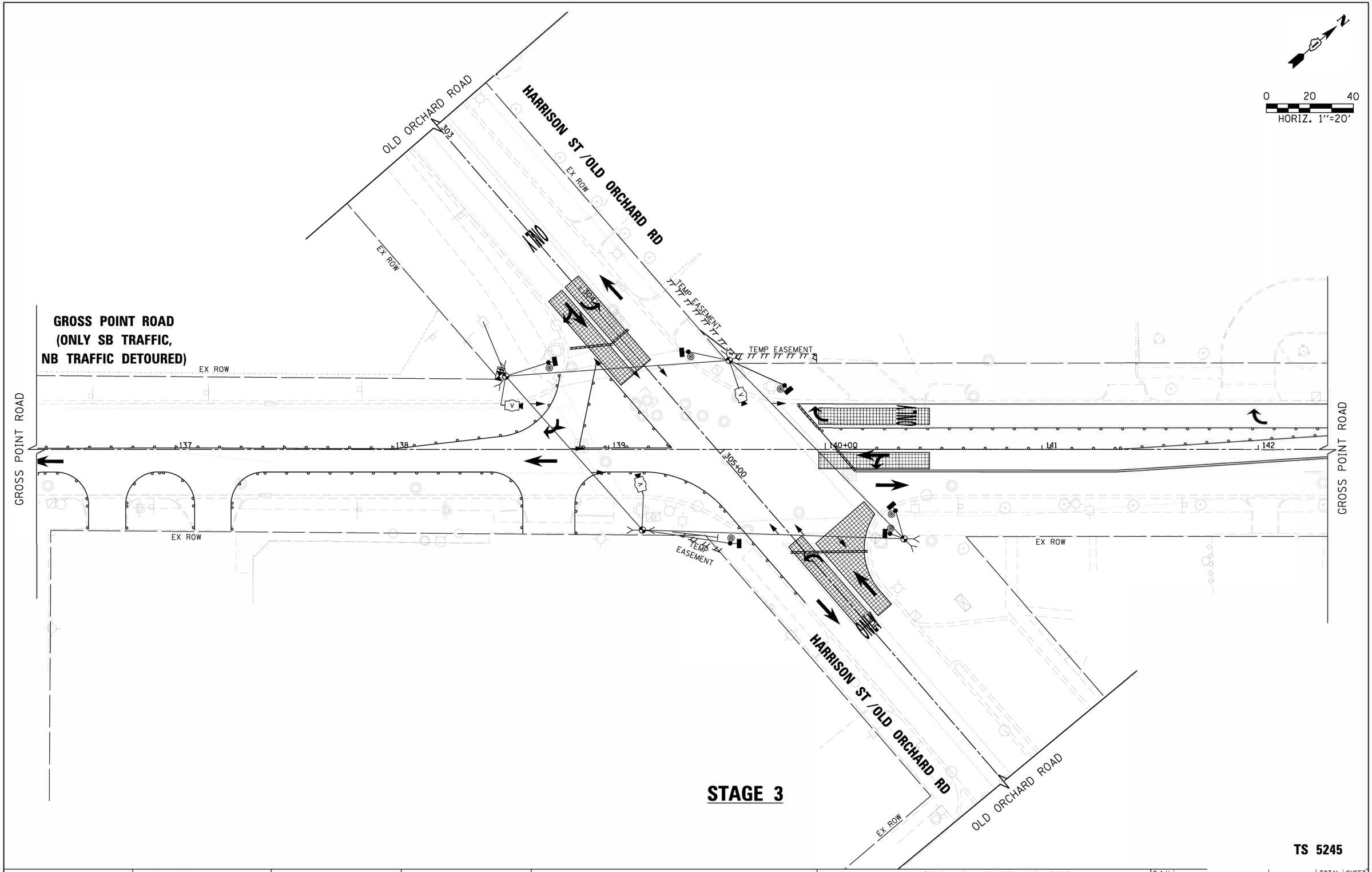


TS SHT NO. 12

TS 5245

TranSystems	USER NAME = btwegner	DESIGNED - BRYCE WEGNER	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL STAGING MOT STAGE 2 GROSS POINT ROAD AND OLD ORCHARD ROAD
		DRAWN - BRYCE WEGNER	REVISED -		
	PLOT SCALE = 50 SCALE	CHECKED - GAURAV RAI	REVISED -		SCALE: 1"=20' SHEET 12 OF 18 SHEETS STA. TO STA.
	PLOT DATE = 6/27/2022	DATE - 6/1/2022	REVISED -		

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

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 -	

TranSystems

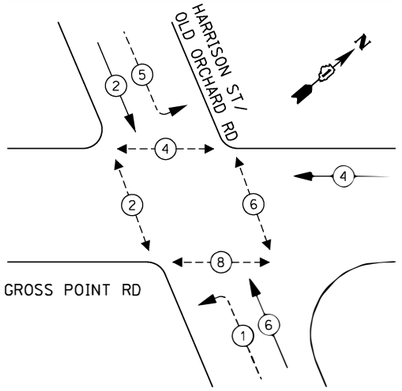
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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.

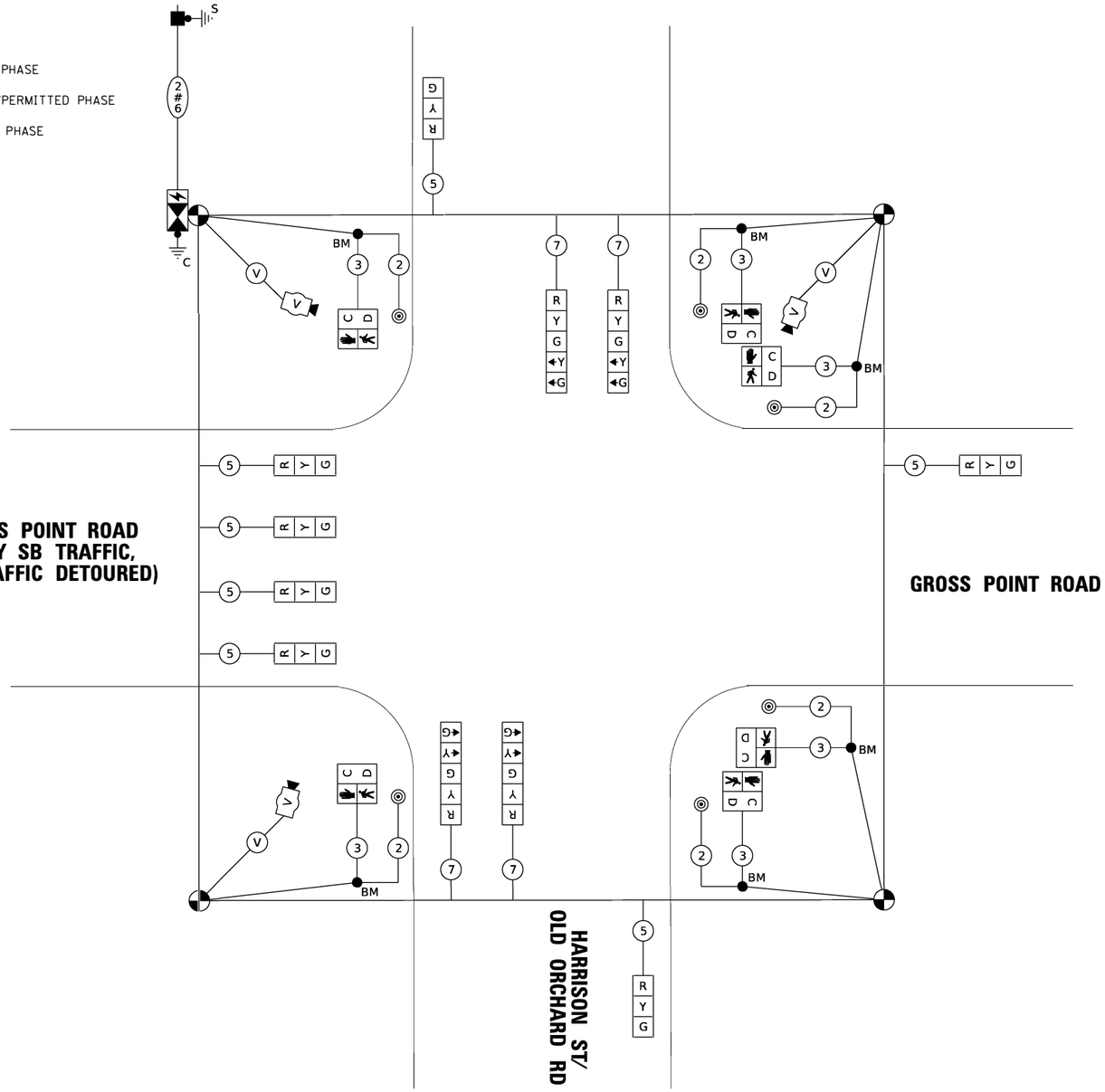
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	100
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			

TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



TEMP CABLE PLAN

(NOT TO SCALE)

ALL STAGES

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	11	11	50	60.5
(YELLOW)	11	20	5	11.0
(GREEN)	11	12	45	59.4
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	285	50	--
			TOTAL =	533.9

ENERGY COSTS TO:

CITY OF EVANSTON
2100 RIDGE AVENUE,
EVANSTON, ILLINOIS 60201

ENERGY SUPPLY: CONTACT: LARRY SHANK
PHONE: 847-929-2321
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 32070-14143

TS SHT NO. 14

TS 5245

TranSystems

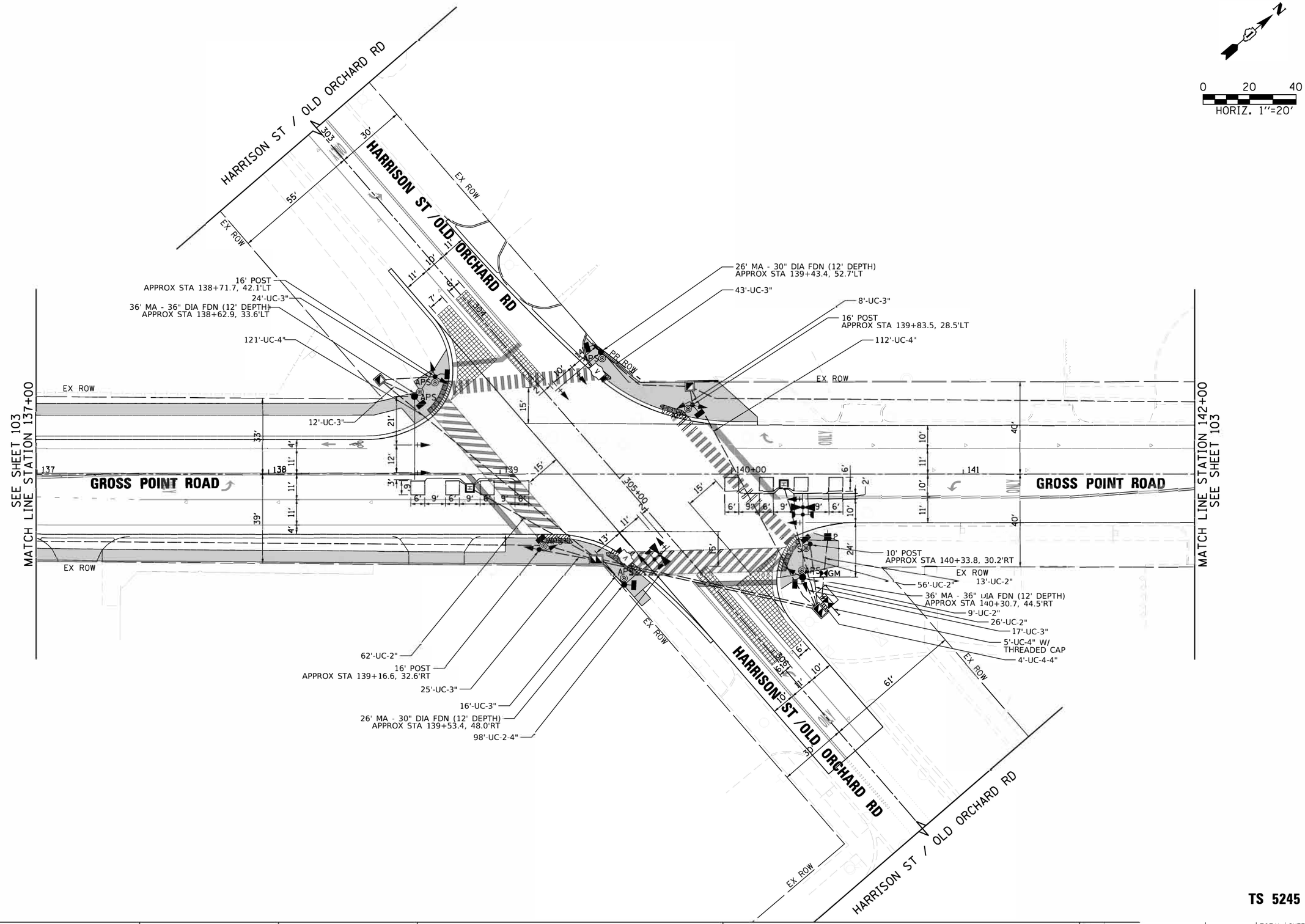
USER NAME = btwegner	DESIGNED - BRYCE WEGNER	REVISED -
	DRAWN - BRYCE WEGNER	REVISED -
PLOT SCALE = 50 SCALE	CHECKED - GAURAV RAI	REVISED -
PLOT DATE = 6/27/2022	DATE - 6/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM
GROSS POINT RD AND HARRISON ST/OLD ORCHARD RD

SCALE: 1"=20' | SHEET 14 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	101
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		



TS SHT NO. 15

TS 5245

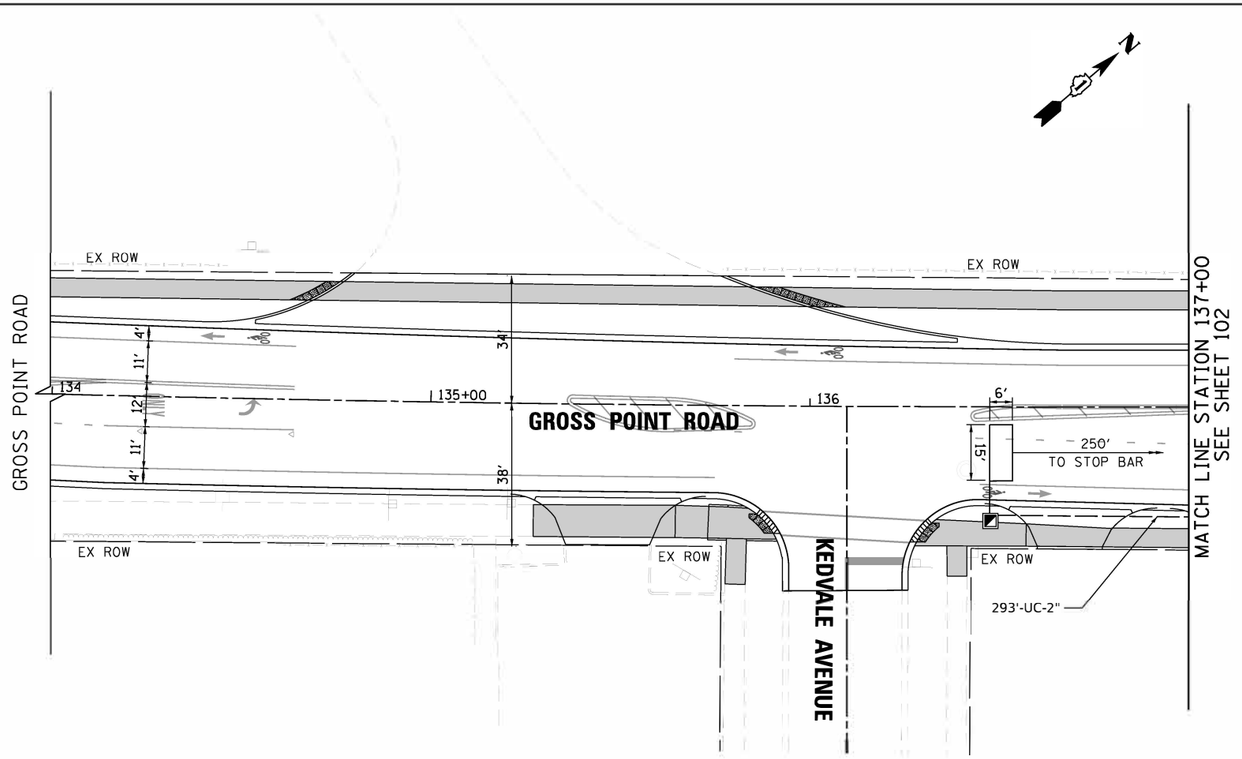
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		DRAWN - BRYCE WEGNER	REVISED -
	PLOT SCALE = 50 SCALE	CHECKED - GAURAV RAI	REVISED -
	PLOT DATE = 6/27/2022	DATE - 6/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

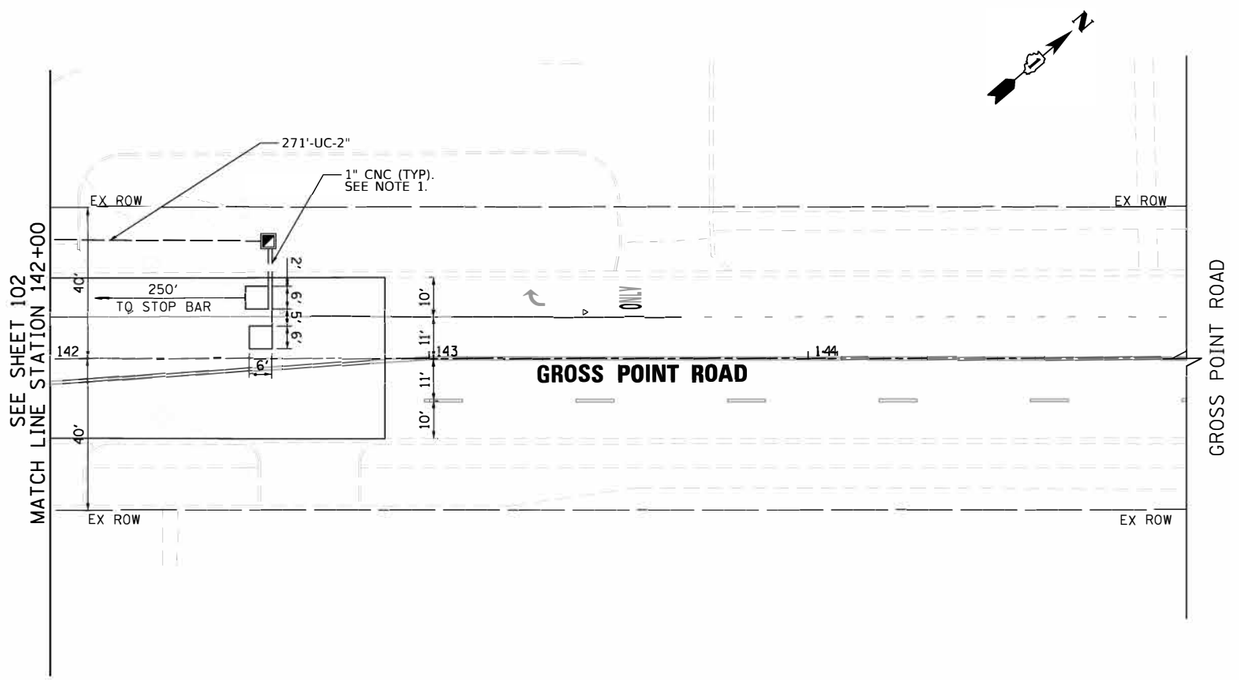
TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)
GROSS POINT ROAD AND HARRISON ST/OLD ORCHARD RD

SCALE: 1"=20' | SHEET 15 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	102
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		







NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

TS SHT NO. 16

TS 5245

TranSystems	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 -

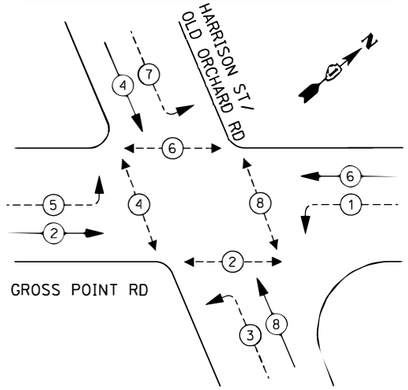
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)
GROSS POINT ROAD AND HARRISON ST/OLD ORCHARD RD

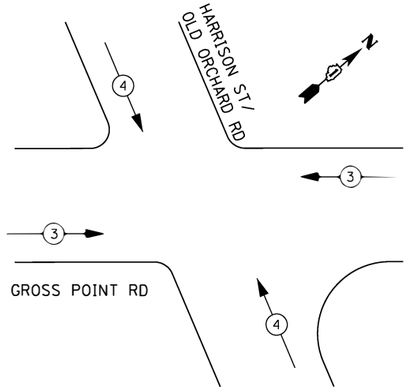
SCALE: 1"=20' | SHEET 16 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	103
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

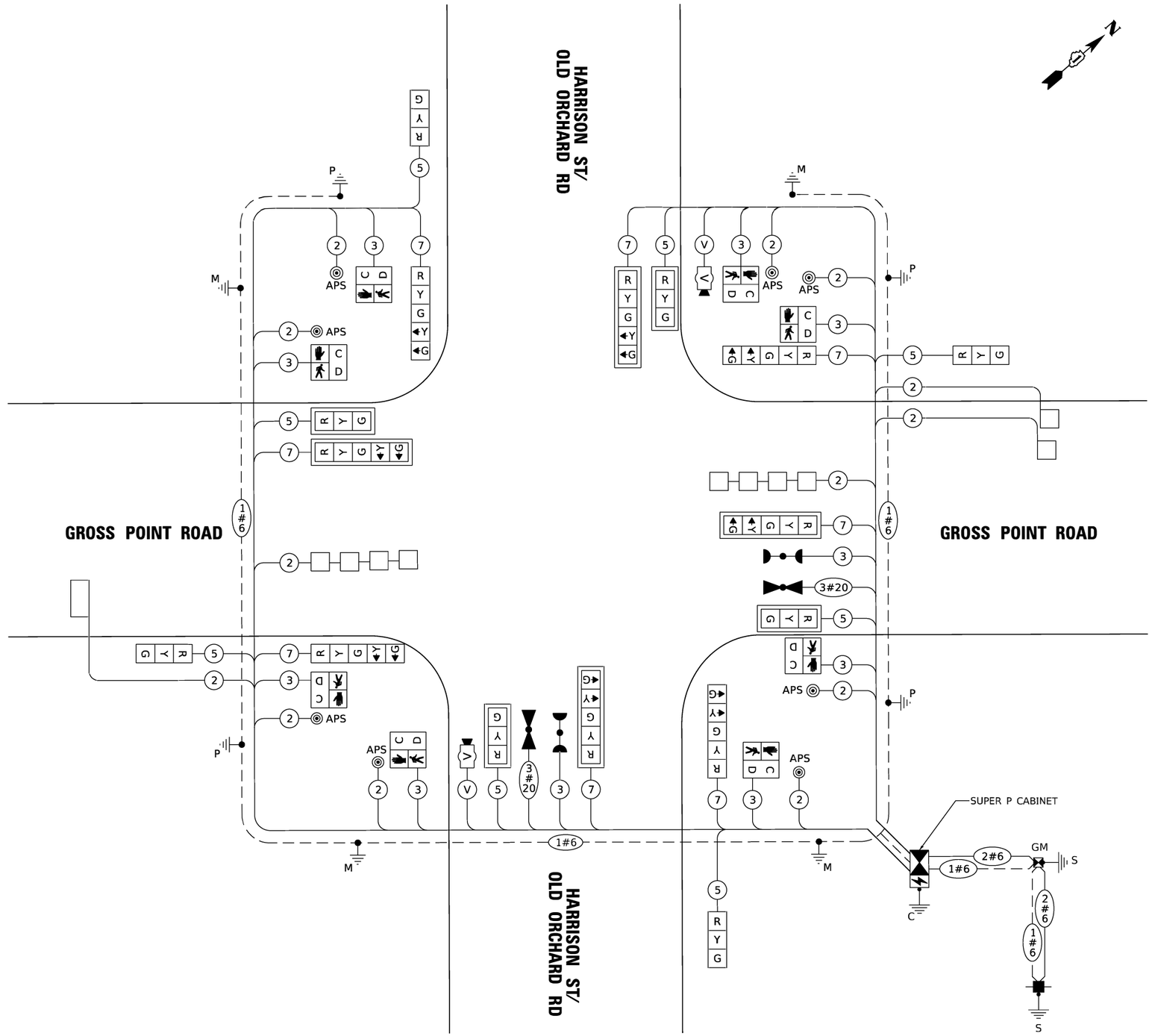
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	16	10	10	18.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	285	50	--
			TOTAL =	641.4

ENERGY COSTS TO:

CITY OF EVANSTON
2100 RIDGE AVENUE,
EVANSTON, ILLINOIS 60201

ENERGY SUPPLY: CONTACT: LARRY SHANK
PHONE: 847-929-2321
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 32070-14143

TS SHT NO. 17



CABLE PLAN
(NOT TO SCALE)

TS 5245

TranSystems	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

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
GROSS POINT ROAD AND HARRISON ST/OLD ORCHARD RD

SCALE: NONE | SHEET 17 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	104
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		

SIGN PANEL – TYPE 2

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	17.5	2	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGN DETAIL.

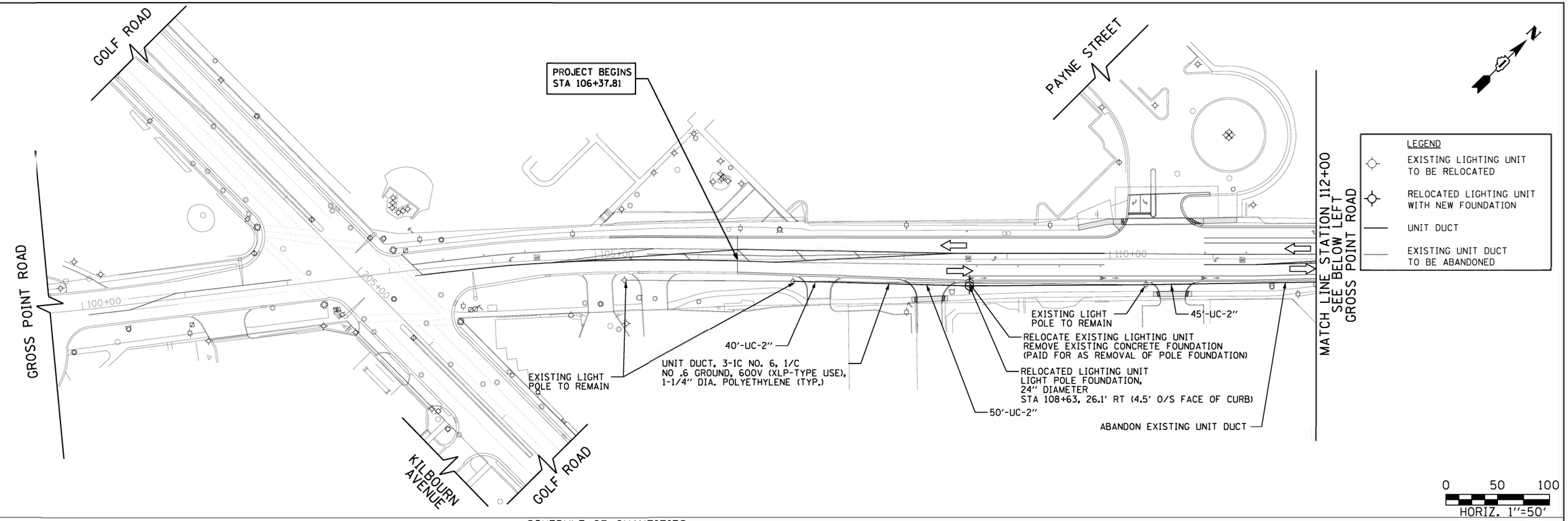
SCHEDULE OF QUANTITIES

	PAY ITEM NAME	UNIT	QUANTITY
	SIGN PANEL - TYPE 2	SQ FT	54.50
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	730
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	150
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	450
	HANDHOLE	EACH	4
	HEAVY-DUTY HANDHOLE	EACH	2
	DOUBLE HANDHOLE	EACH	2
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,375
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,715
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,525
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,565
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,545
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	55
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	685
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	2
	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2
	CONCRETE FOUNDATION, TYPE A	FOOT	16
	CONCRETE FOUNDATION, TYPE C	FOOT	4
	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	24
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8
	INDUCTIVE LOOP DETECTOR	EACH	5
	DETECTOR LOOP, TYPE I	FOOT	362
✳	LIGHT DETECTOR	EACH	2
✳	LIGHT DETECTOR AMPLIFIER	EACH	1
	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	REMOVE EXISTING HANDHOLE	EACH	12
	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
✳	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	285
	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2
	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

✳ 100% OF THE COST WILL BE PAID FOR BY THE VILLAGE OF SKOKIE

TS 5245

TS SHT NO. 18

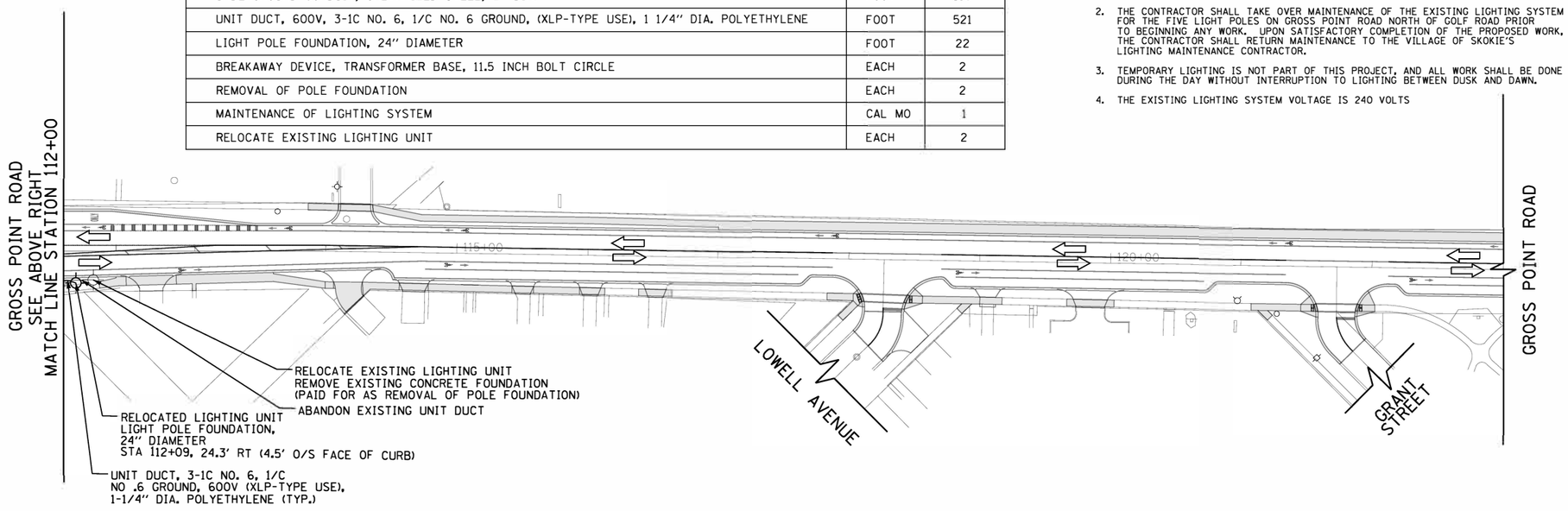


SCHEDULE OF QUANTITIES

ITEM NAME	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	135
UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	521
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	22
BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	2
REMOVAL OF POLE FOUNDATION	EACH	2
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	1
RELOCATE EXISTING LIGHTING UNIT	EACH	2

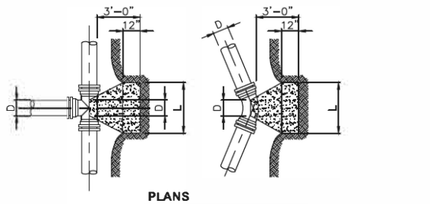
GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGERING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL TAKE OVER MAINTENANCE OF THE EXISTING LIGHTING SYSTEM FOR THE FIVE LIGHT POLES ON GROSS POINT ROAD NORTH OF GOLF ROAD PRIOR TO BEGINNING ANY WORK. UPON SATISFACTORY COMPLETION OF THE PROPOSED WORK, THE CONTRACTOR SHALL RETURN MAINTENANCE TO THE VILLAGE OF SKOKIE'S LIGHTING MAINTENANCE CONTRACTOR.
3. TEMPORARY LIGHTING IS NOT PART OF THIS PROJECT, AND ALL WORK SHALL BE DONE DURING THE DAY WITHOUT INTERRUPTION TO LIGHTING BETWEEN DUSK AND DAWN.
4. THE EXISTING LIGHTING SYSTEM VOLTAGE IS 240 VOLTS



FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD LIGHTING PLAN**
		DRAWN - MLB	REVISED -		SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 106+37.81 TO STA. 123+00.00
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	106
		CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



THRUST BLOCK DETAILS

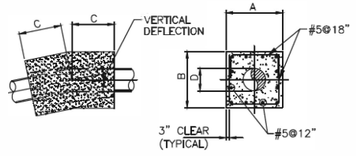
NTS

TYPE OF FITTING \ PIPE SIZE "D"	12"		8"		6"	
	"L"	"H"	"L"	"H"	"L"	"H"
TEE & PLUG	5'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
90° BEND	6'-0"	2'-0"	3'-0"	2'-0"	2'-0"	1'-6"
45° BEND	4'-0"	2'-0"	2'-0"	1'-6"	2'-0"	1'-0"
22 1/2° BEND	2'-0"	2'-0"	2'-0"	1'-6"	1'-0"	1'-0"
11 1/4° BEND	2'-0"	2'-0"	2'-0"	1'-6"	1'-0"	1'-0"
5.625° BEND	2'-0"	1'-0"				

TYPE OF FITTING \ RESTRAINED METHOD	RESTRAINED LENGTH-EACH WAY		
	12"	8"	6"
TEE, PLUG & IN-LINE VALVE	80'-0"	40'-0"	40'-0"
90° BEND	80'-0"	60'-0"	40'-0"
45° BEND	60'-0"	50'-0"	40'-0"
22 1/2° BEND	60'-0"	40'-0"	40'-0"
11 1/4° BEND	60'-0"	40'-0"	40'-0"

THRUST BLOCK & RESTRAINED LENGTH TABLE

NOTE:
ALL BENDS, PLUGS AND TEES SHALL HAVE THRUST BLOCKING AND RESTRAINED LENGTHS AS SHOWN ON THE TABLES.



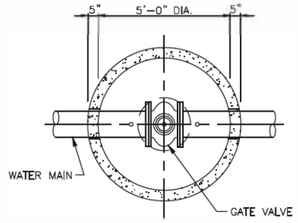
CONCRETE COUNTERWEIGHT FOR VERTICAL BENDS IN PIPELINE

NTS

TYPE OF FITTING \ PIPE SIZE "D"	8" OR 12"			6"		
	"A"	"B"	"C"	"A"	"B"	"C"
45° BEND	4'-0"	3'-0"	3'-6"	4'-0"	3'-0"	4'-0"
22 1/2° BEND	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"
11 1/4° BEND	3'-0"	3'-0"	2'-0"	3'-0"	3'-0"	2'-0"
5.625° BEND	3'-0"	3'-0"	2'-0"			

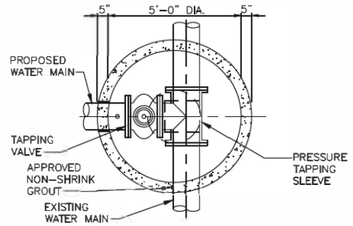
CONCRETE COUNTER-WEIGHT TABLE

NTS



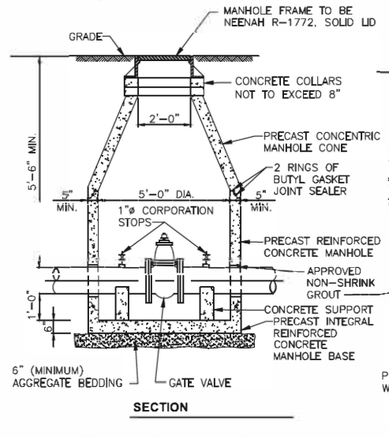
GATE VALVE IN VAULT

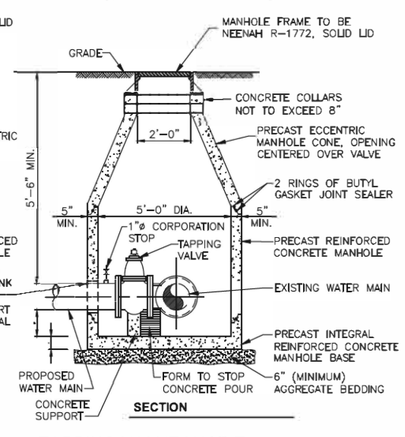
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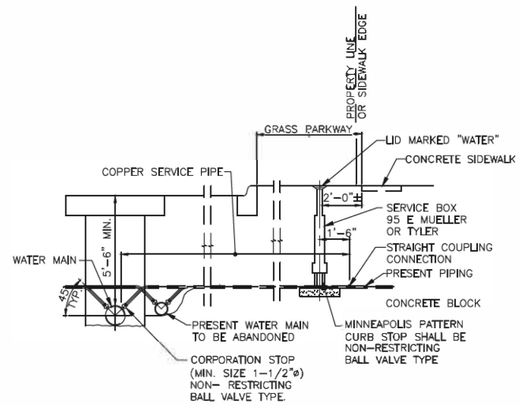


TAPPING VALVE VAULT

NTS





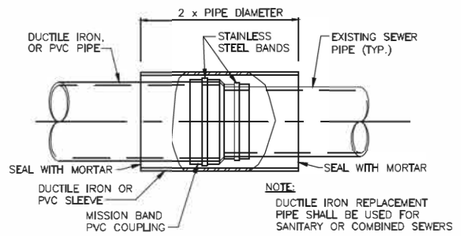


TYPICAL WATER SERVICE CONNECTION (2" OR SMALLER)

NTS

NOTES:

1. PRESENT SERVICE PIPES MAY BE OF VARYING SIZES AND MATERIALS. CONTRACTOR SHALL FURNISH SUITABLE CONNECTOR TO COPPER PIPE AND FITTINGS.
2. ALL CORPORATION AND CURB STOPS SHALL BE FLARE TYPE CONNECTIONS.
3. THE EXISTING SERVICE BOX SHALL BE REMOVED AND THE NEW SERVICE BOX PLACED AS CLOSE AS POSSIBLE TO THE ORIGINAL LOCATION.
4. PROVIDE TEMPORARY CA-6 CRUSHED STONE PAVEMENT IN ALL ROADWAYS, ALLEYS, DRIVEWAYS AND SIDEWALKS TO THE ELEVATIONS WHICH EXISTED PRIOR TO CONSTRUCTION, ALLOWING FOR 3" TEMPORARY SURFACE MIX IN ROADWAYS, DRIVEWAYS AND ALLEYS. WHEREVER PERMANENT PAVEMENTS ARE REMOVED. COST TO FURNISH, PLACE, MAINTAIN AND REMOVE THIS TEMPORARY PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE PRICE OF THE PAVEMENT PATCH PAY ITEM.
5. TRENCH BACKFILL SHALL BE INCLUDED WITH THE UNIT PRICE FOR WATER SERVICE PIPE, 2" OR SMALLER.

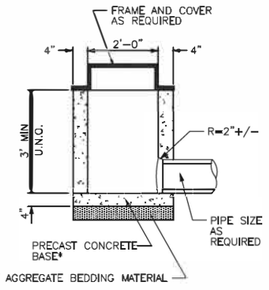


DISSIMILAR SEWER PIPE JOINT DETAIL

NTS

SIMILAR SEWER PIPE JOINT DETAIL

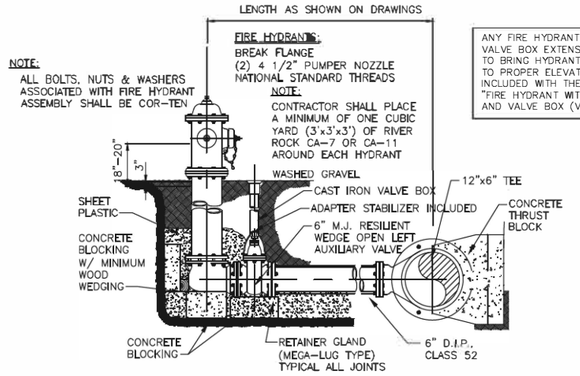
1. DUCTILE IRON OR CAST IRON PIPE
   PLAIN END PIPES CAN BE CONNECTED USING M.J. SLEEVE OR M.J. SPLIT SLEEVE. BELL AND SPIGOT PIPES CAN BE CONNECTED IN A NORMAL WAY USING PUSH ON JOINT METHOD, IF EXISTING BELL OR SPIGOT IS COMPATIBLE WITH NEW BELL AND SPIGOT, OTHERWISE M.J. SPLIT BELL SLEEVE CAN BE USED.
2. PVC PIPE
   PLAIN END PVC PIPES CAN BE CONNECTED USING ELASTOMERIC-GASKET PVC COUPLINGS, WHERE PVC COUPLINGS ARE NOT SUITABLE DUCTILE IRON M.J. SLEEVES MAY BE USED. IF MISSION BAND SEAL COUPLING IS USED UNDER AN ABNORMAL SITUATION, A DUCTILE IRON OR PVC SLEEVE PROTECTION MUST BE USED.



NOTE: THIS DETAIL NOT SUITABLE FOR CONNECTING PIPE SIZES OVER 18" IN NOMINAL DIAMETER

TYPICAL STORMWATER INLET

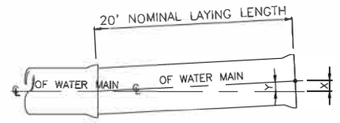
NTS



ANY FIRE HYDRANT EXTENTIONS OR VALVE BOX EXTENSIONS REQUIRED TO BRING HYDRANT OR VALVE BOX TO PROPER ELEVATIONSHALL BE INCLUDED WITH THE UNIT COST OF "FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX (VILLAGE SUPPLIED)"

FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX (VILLAGE SUPPLIED)

NTS



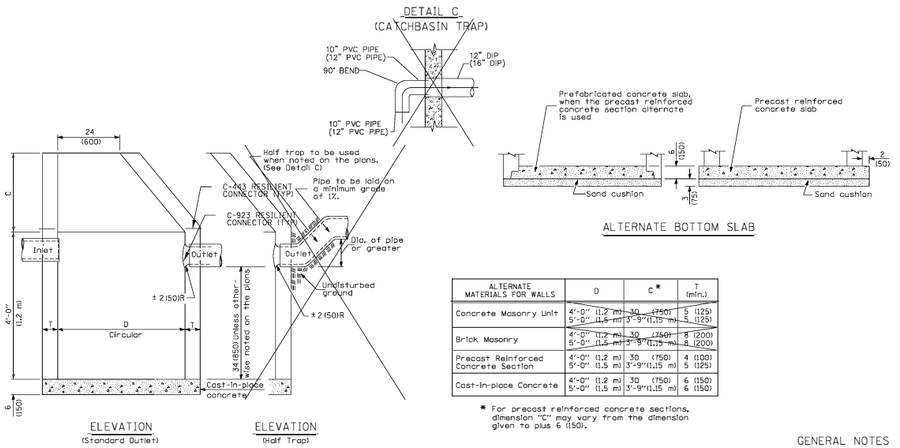
Y = DEFLECTION ANGLE
X = OFFSET

PIPE DIA. \ PIPE	DUCTILE IRON	
	Y	X
12"	2.5°	10.5'
6"	2.5°	10.5'

MAXIMUM ALLOWABLE VERTICAL AND HORIZONTAL PIPE JOINT DEFLECTION

NTS

FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD VILLAGE OF SKOKIE DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MLB	REVISED -			3520	08-00279-00-FP	COOK	160	107
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -						CONTRACT NO. 61H23	
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		SCALE: NOT TO SCALE SHEET 1 OF 1 SHEETS STA. TO STA.			ILLINOIS	FED. AID PROJECT	



ALTERNATE BOTTOM SLAB

ALTERNATE MATERIALS FOR WALLS	D	C *	T (min.)
Concrete Masonry Unit	4'-0" (1.2 m)	30 (750)	5 (125)
	5'-0" (1.5 m)	3'-9" (1.15 m)	5 (125)
Brick Masonry	4'-0" (1.2 m)	30 (750)	8 (200)
	5'-0" (1.5 m)	3'-9" (1.15 m)	8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m)	30 (750)	4 (100)
	5'-0" (1.5 m)	3'-9" (1.15 m)	5 (125)
Cast-in-place Concrete	4'-0" (1.2 m)	30 (750)	6 (150)
	5'-0" (1.5 m)	3'-9" (1.15 m)	6 (150)

* For precast reinforced concrete sections, dimension "C" may vary from the dimension given to plus 6 (150).

GENERAL NOTES

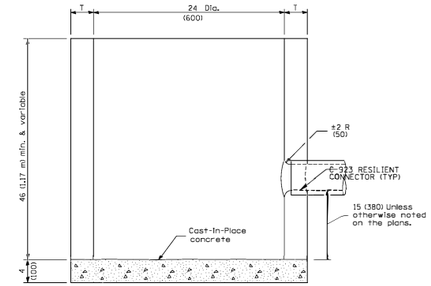
All catch basins shall be 4'-0" (1.2 m) in diameter unless otherwise noted on the plans.

See Standard 602601 for optional precast reinforced concrete flat slab top.

See Standard 602701 for details of steps.

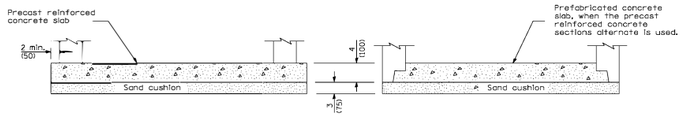
All dimensions are in inches (millimeters) unless otherwise shown.

CATCH BASIN TYPE A



ALTERNATE MATERIALS FOR WALLS	T (min)
Precast Reinforced Concrete Section	3 (75)
Concrete Masonry Unit	5 (125)
Cast-In-Place Concrete	6 (150)
Brick Masonry	8 (200)

ELEVATION



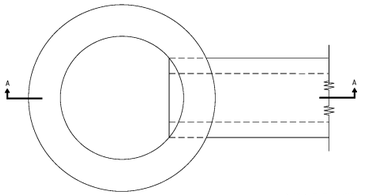
ALTERNATE BOTTOM SLAB

NOTES:

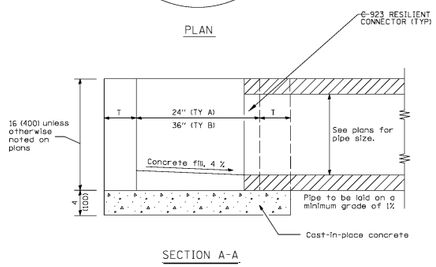
THE COST OF THE C-923 RESILENT CONNECTOR WILL BE INCLUDED IN THE COST OF THE CATCH BASIN, TYPE C.

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

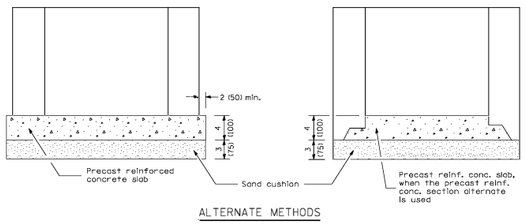
CATCH BASIN TYPE C



PLAN



SECTION A-A



ALTERNATE METHODS

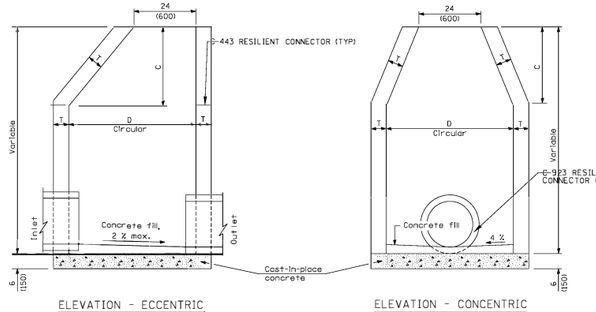
ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)

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

NOTES:

THE COST OF THE C-923 RESILIENT CONNECTOR WILL BE INCLUDED IN THE COST OF THE INLET OF THE TYPE SPECIFIED.

INLET - TYPE A AND TYPE B

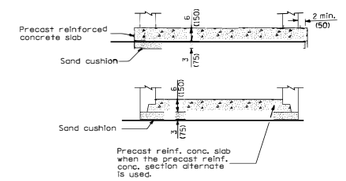


ELEVATION - ECCENTRIC

ELEVATION - CONCENTRIC

ALTERNATE MATERIALS FOR WALLS	D	C *	T (min.)
Concrete Masonry Unit	4'-0" (1.2 m)	30 (750)	5 (125)
	5'-0" (1.5 m)	3'-9" (1.15 m)	5 (125)
Brick Masonry	4'-0" (1.2 m)	30 (750)	8 (200)
	5'-0" (1.5 m)	3'-9" (1.15 m)	8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m)	30 (750)	4 (100)
	5'-0" (1.5 m)	3'-9" (1.15 m)	5 (125)
Cast-in-place Concrete	4'-0" (1.2 m)	30 (750)	6 (150)
	5'-0" (1.5 m)	3'-9" (1.15 m)	6 (150)

* For precast reinforced concrete sections, dimension "C" may vary from the dimension given to plus 6 (150).



ALTERNATE BOTTOM SLAB

GENERAL NOTES

See Standard 602701 for details of steps.

See Standard 602601 for optional Precast Reinforced Concrete Flat Slab Top.

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

NOTES:

THE COST OF THE C-923 RESILIENT CONNECTOR WILL BE INCLUDED IN THE COST OF THE MANHOLE, TYPE A

MANHOLE TYPE A

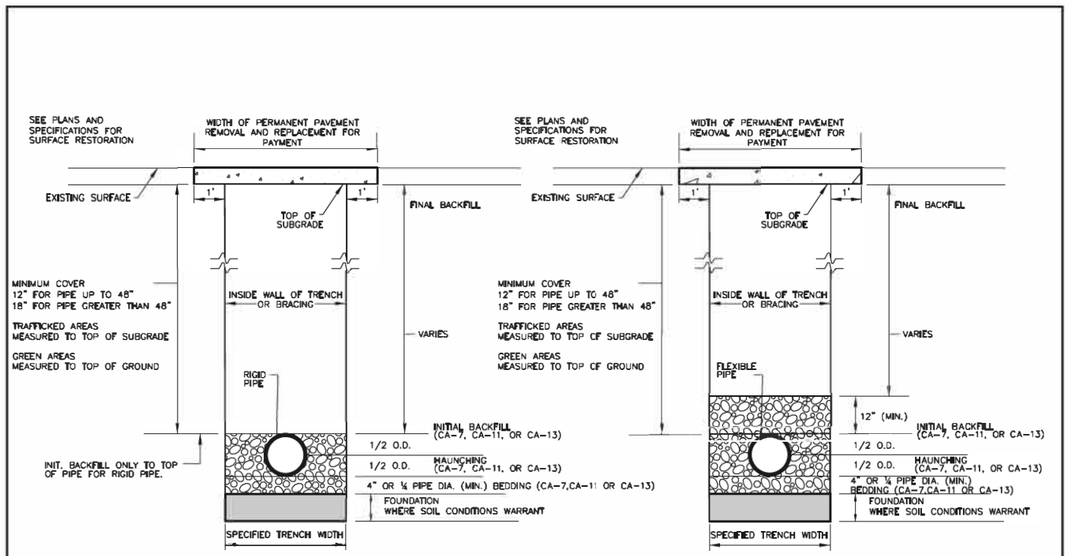
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		DRAWN - MLB	REVISED -	
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	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD
GOLF ROAD TO OLD ORCHARD ROAD
MWRDGC DETAILS

SCALE: 1"=50' | 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	108
		CONTRACT NO. 61H23		
	ILLINOIS	FED. AID PROJECT		



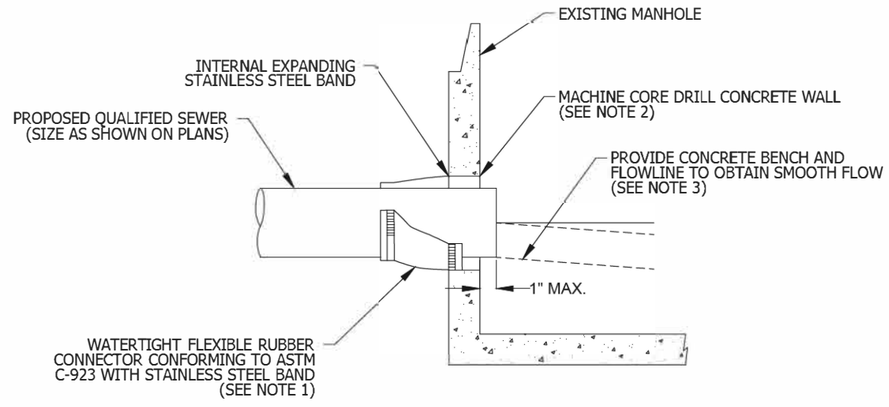
RIGID PIPE INSTALLATION DETAIL

FLEXIBLE PIPE INSTALLATION DETAIL

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

NOT TO SCALE

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



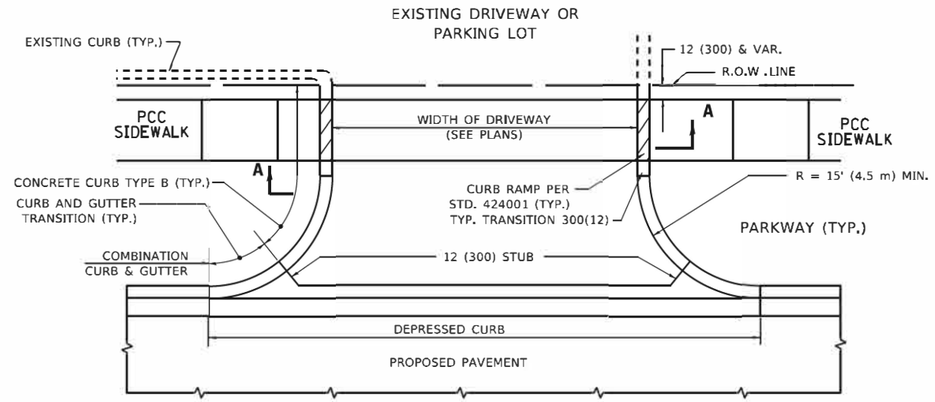
SECTION

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

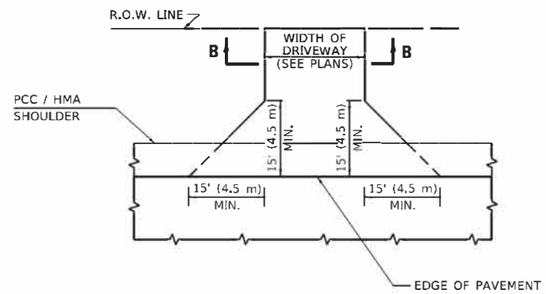
NOT TO SCALE

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

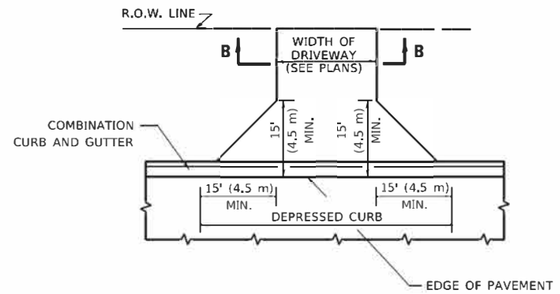
FILE NAME = Invalid expression' Default	USER NAME = CEComin	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GROSS POINT ROAD GOLF ROAD TO OLD ORCHARD ROAD MWRDGC DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MLB	REVISED -					3520	08-00279-00-FP	COOK	160	109
	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -							CONTRACT NO. 61H23		
	PLOT DATE = 5/18/2022	DATE - 5/20/2022	REVISED -		SCALE: 1"=50'	SHEET 2 OF 2 SHEETS	STA. TO STA.		ILLINOIS FED. AID PROJECT			



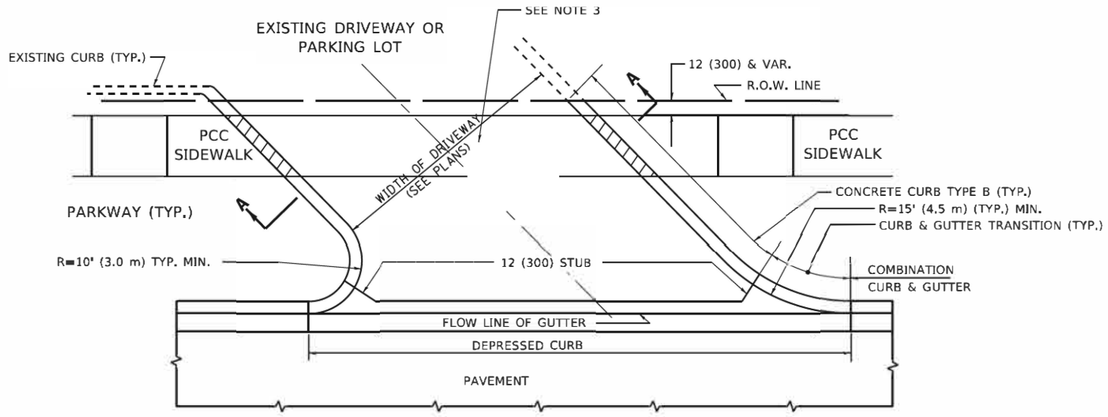
WITH CONCRETE CURB, TYPE B



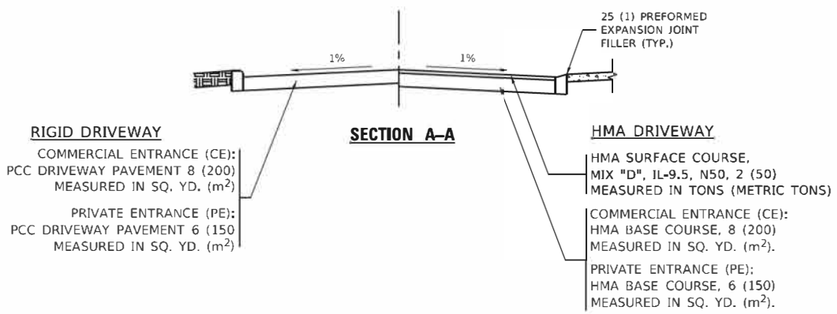
ADJACENT TO PCC /HMA SHOULDER

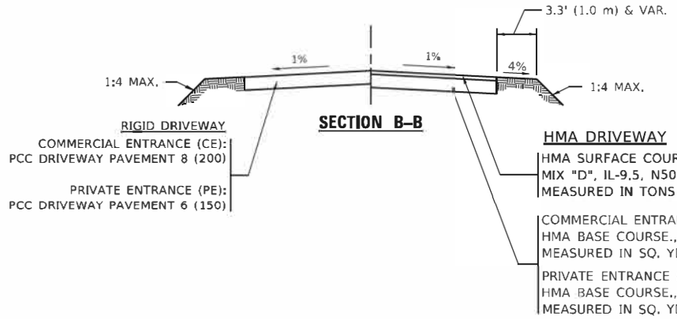


ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B





GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB. CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

MODEL: Default
FILE NAME: W:\dist08\22x34\bd01.dgn

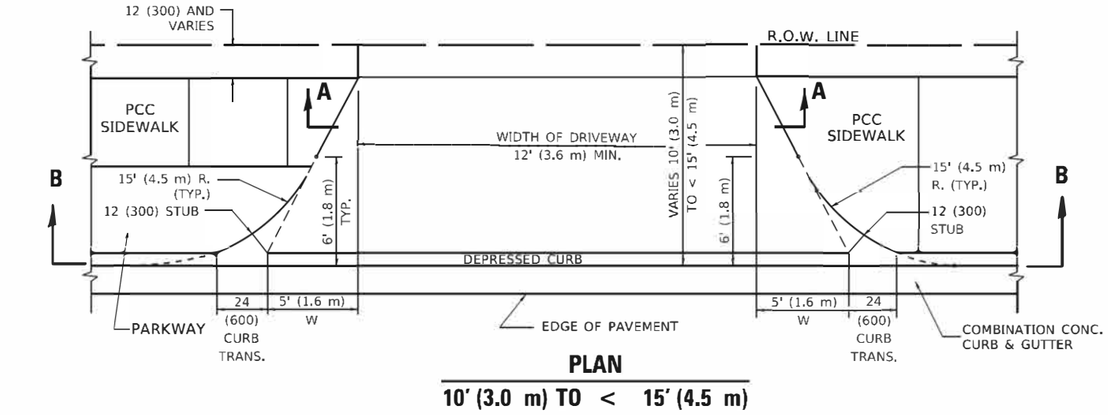
USER NAME = elemanchelt	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08	
	DRAWN -	REVISED - R. BORO 09-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-28-19	
PLOT DATE = 2/2/2022	DATE - 11-04-95	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥15'(4.5m)

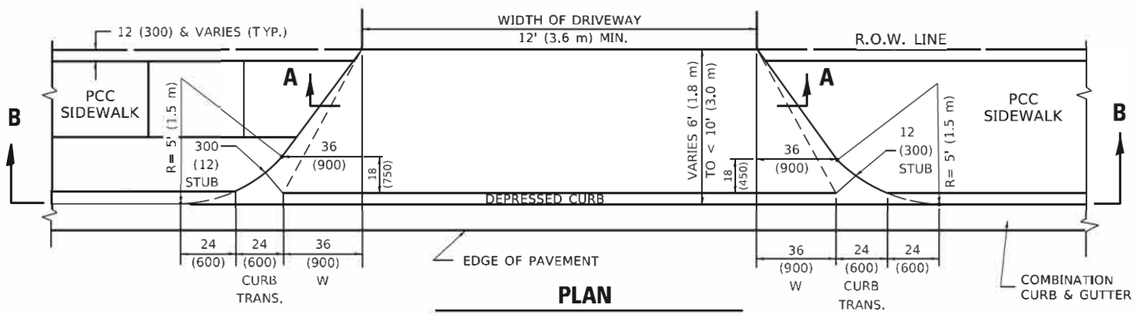
SCALE: NONE | SHEET 11 OF 16 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	110
	BD400-01 (BD-01)	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



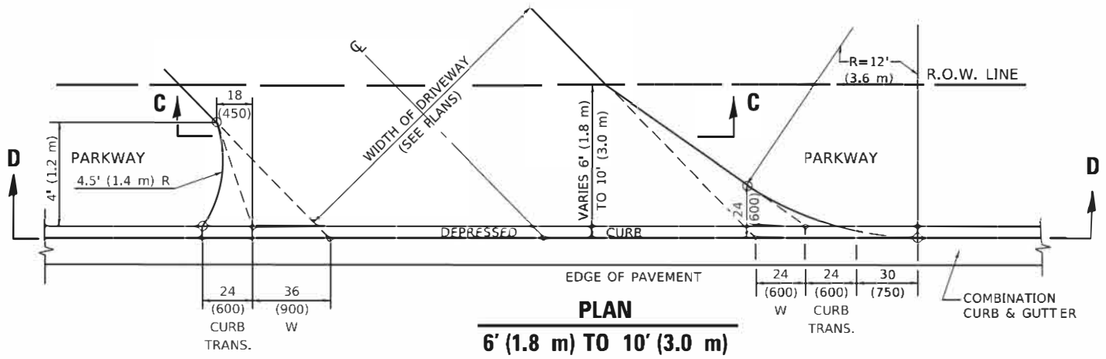
PLAN

10' (3.0 m) TO < 15' (4.5 m)



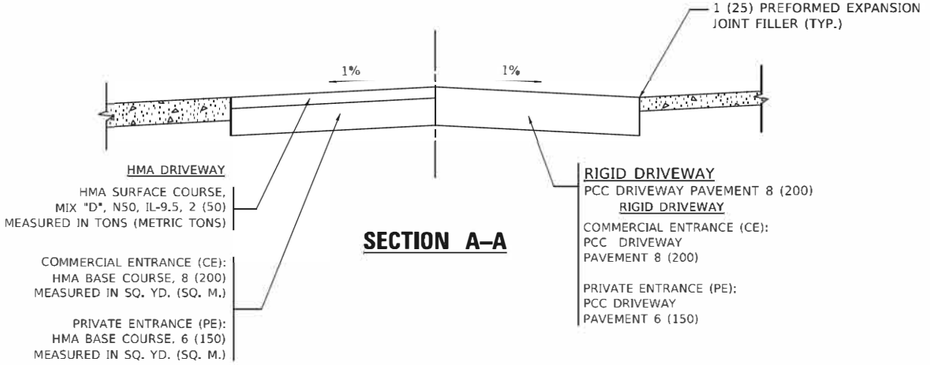
PLAN

6' (1.8 m) TO < 10' (3.0 m)

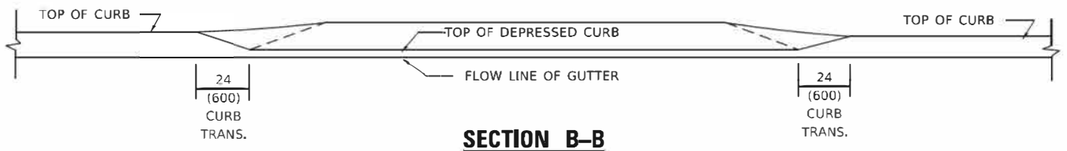


PLAN

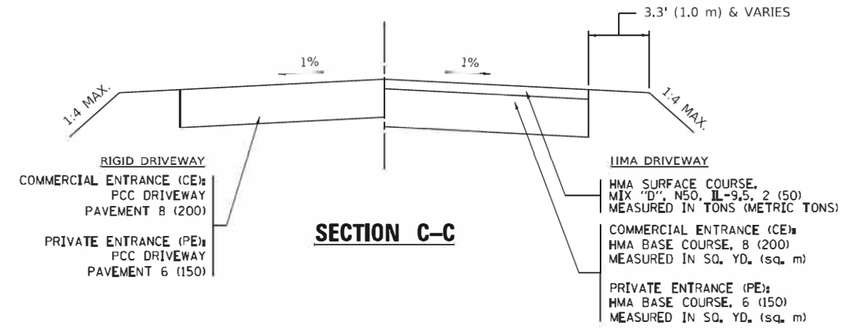
6' (1.8 m) TO 10' (3.0 m)



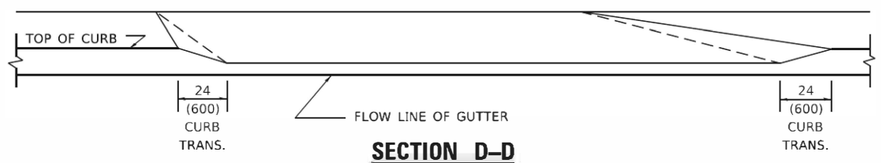
SECTION A–A



SECTION B–B



SECTION C–C



SECTION D–D

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

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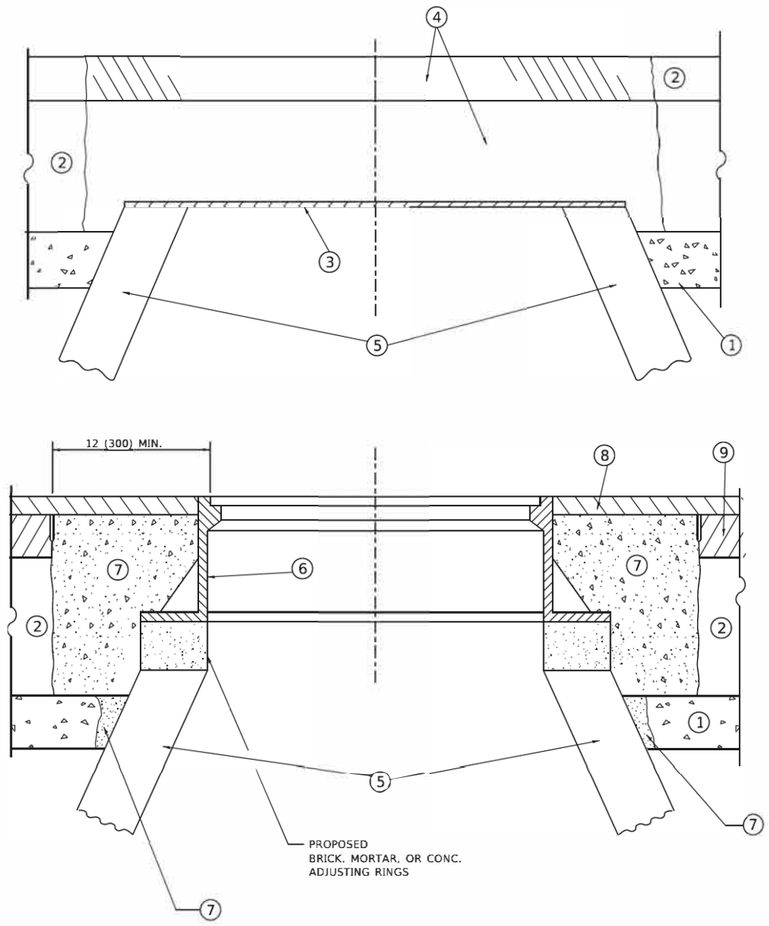
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19	
PLOT DATE = 2/2/2022	DATE - 11-06-95	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

SCALE: NONE | SHEET 12 OF 16 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	111
	BD400-02 (BD-02)	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

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

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

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

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

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.

B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.

C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.

D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.

B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.

C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS*PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

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

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

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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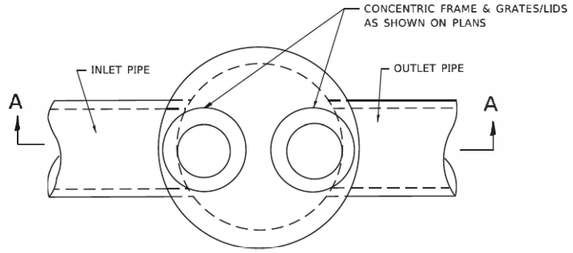
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

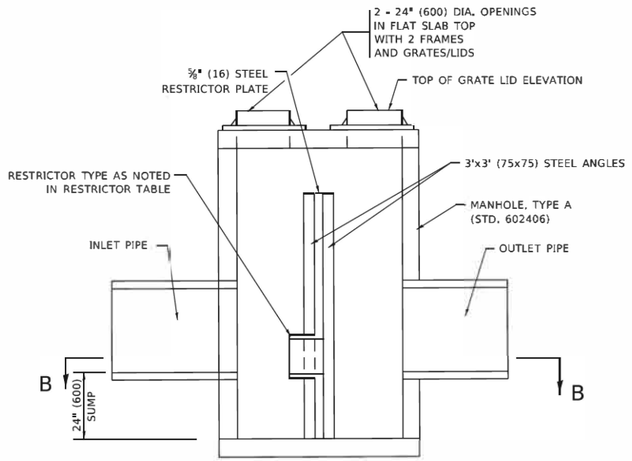
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE | SHEET 13 OF 16 SHEETS | STA. | TO STA.

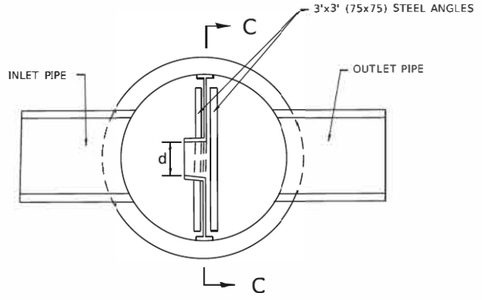
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	BD600-03 (BD-08)	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



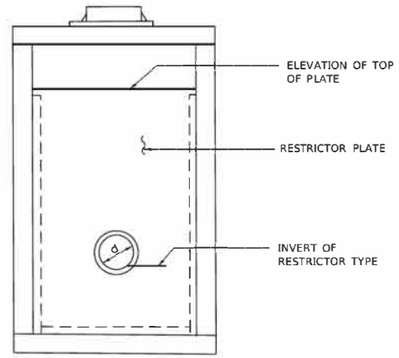
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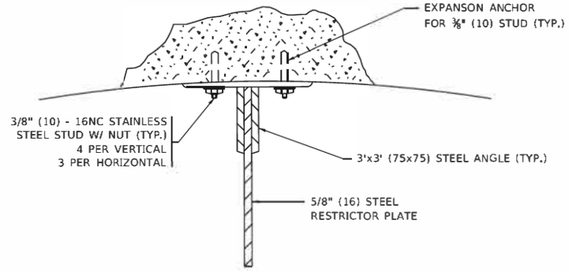
SECTION A–A



SECTION B–B



SECTION C–C



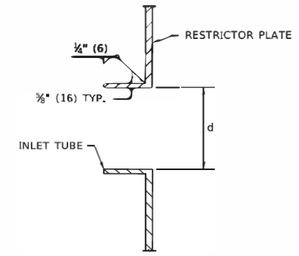
ANGLE FASTENER DETAIL

NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

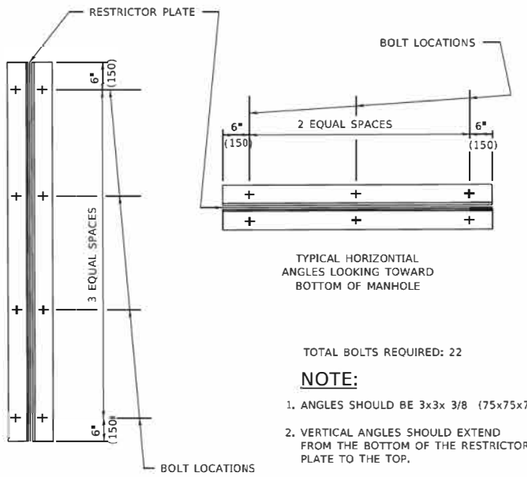
BASIS OF PAYMENT:

1. TO BE PAID FOR AS "MANHOLES ,TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



INLET TUBE DETAIL

STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
S-1-9 106+80	9 FT	T1 FR & CL	2	8.25"	628.72	633.30



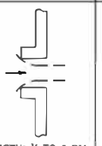
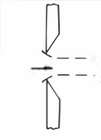
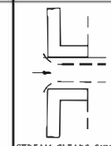
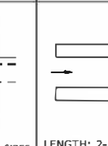
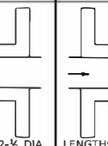
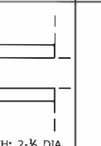
TYPICAL VERTICAL ANGLES
LOOKING TOWARD MANHOLE WALL

TYPICAL HORIZONTAL
ANGLES LOOKING TOWARD
BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
 LENGTH: ½ TO 1 DIA.		 STREAM CLEARS SIDES	 LENGTH: 2-½ DIA.	 LENGTH: 2-½ DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR
AND SQUARE ORIFICES

STEEL ANGLE BOLTING DETAILS

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

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PLOT DATE = 2/2/2022	DATE - 09-09-94	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

SCALE: NONE | SHEET 14 OF 16 SHEETS | STA. | TO STA.

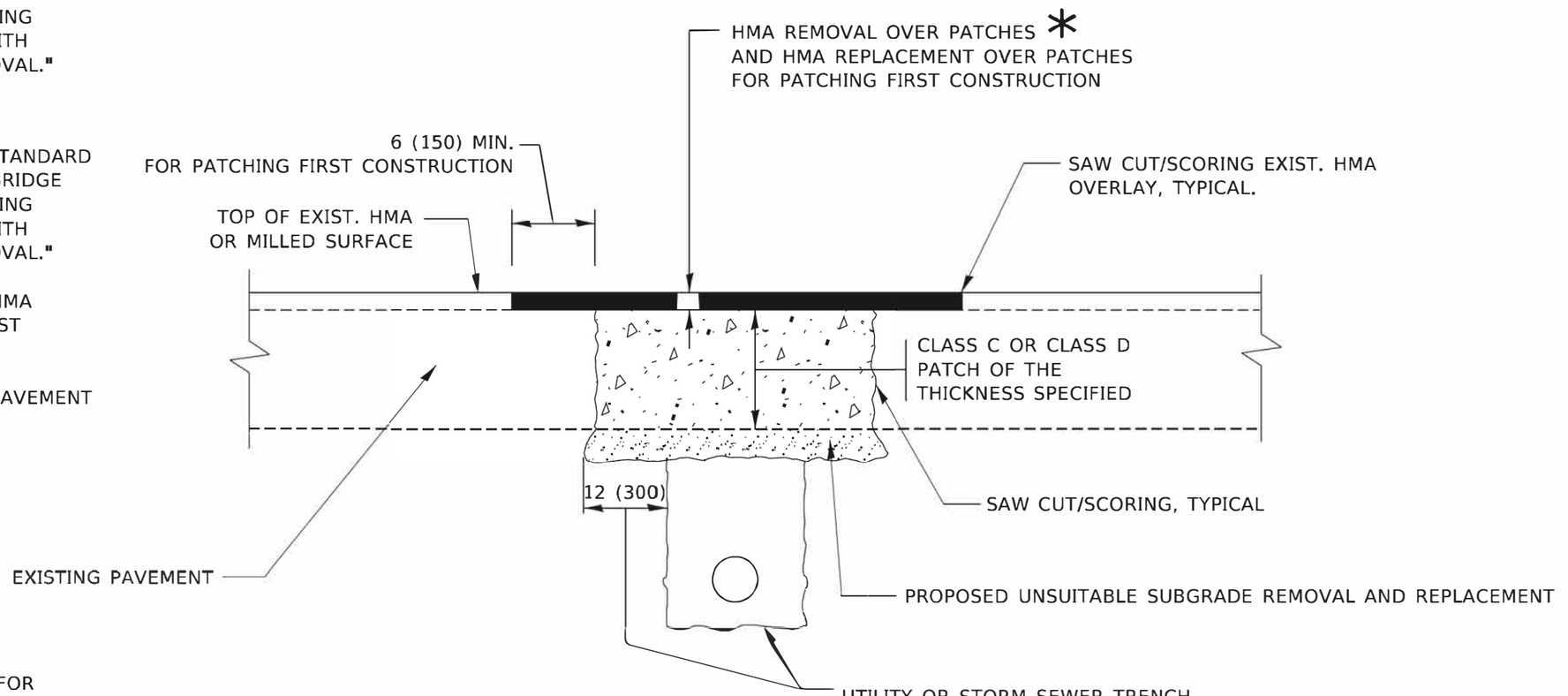
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3520	08-00279-00-FP	COOK	160	113
	BD600-04 (BD-12)	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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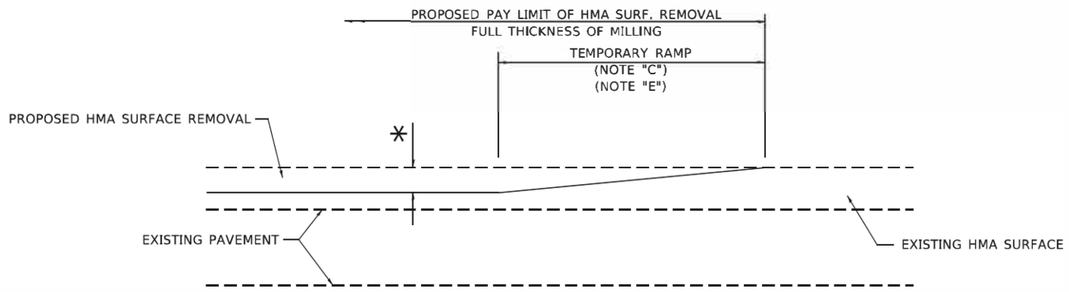
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PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

SCALE: NONE | SHEET 15 OF 16 SHEETS | STA. | TO STA.

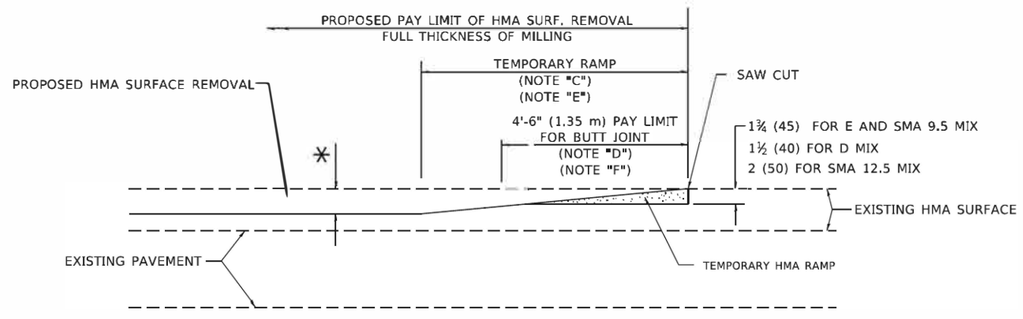
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	114
	BD400-04 (BD-22)	CONTRACT NO.	61H23	
	ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

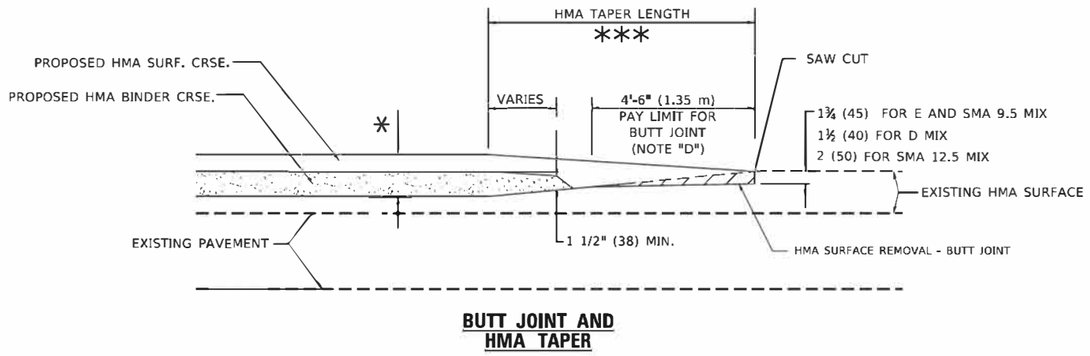


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

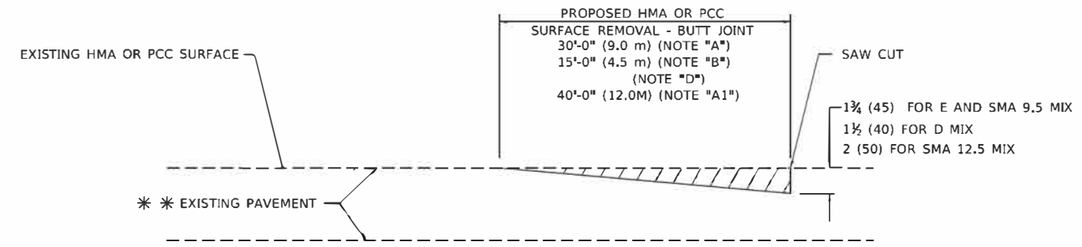
OPTION 2

TYPICAL TEMPORARY RAMP

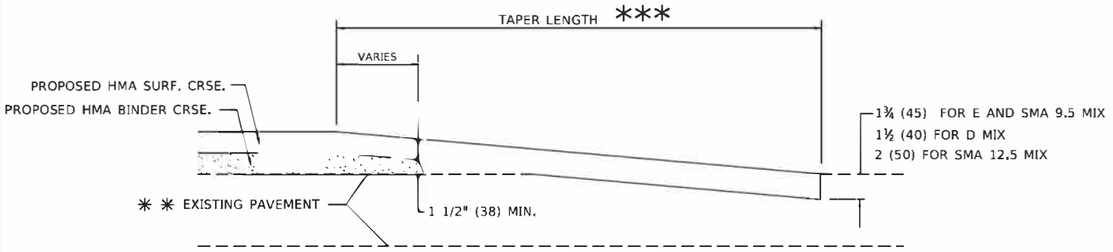


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

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

2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

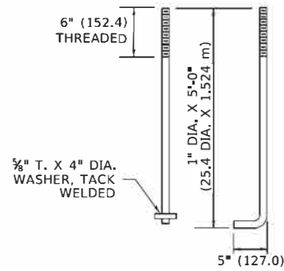
BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE | SHEET 16 OF 16 SHEETS | STA. | TO STA.

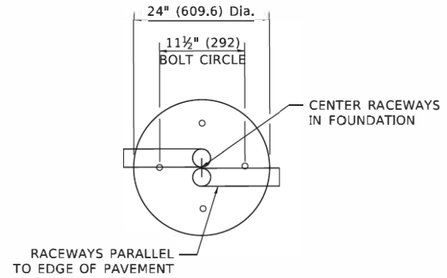
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3520	08-00279-00-FP	COOK	160	115
	BD400-05 BD-32	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			

LIGHT POLE FOUNDATION DEPTH TABLE
30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT

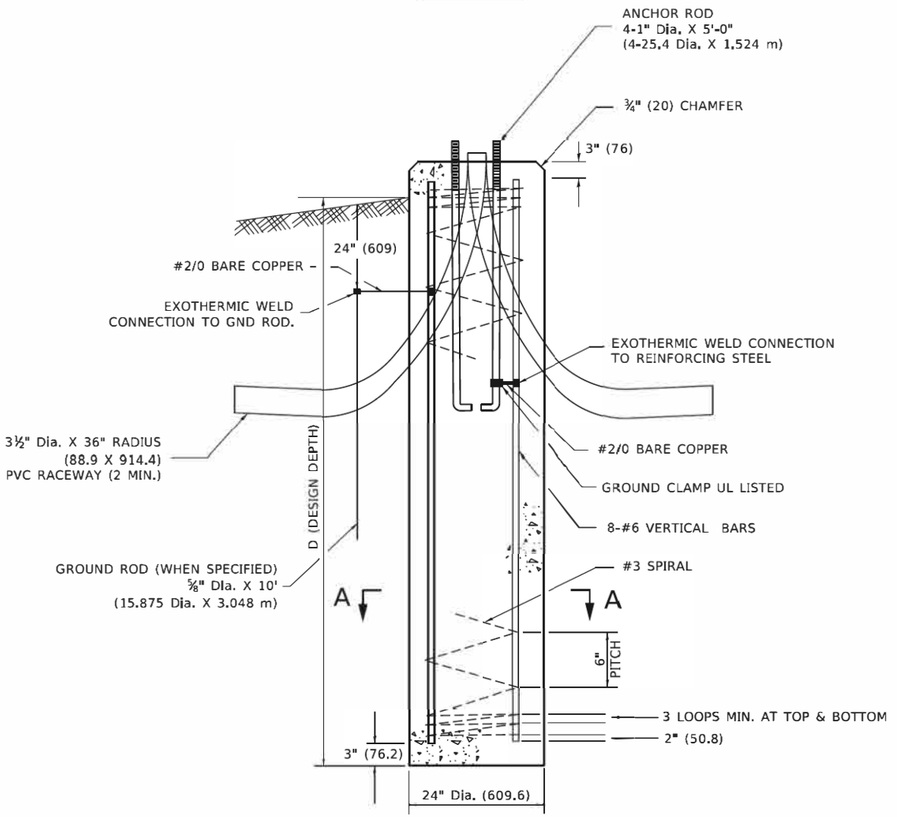
SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND ∅ = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND ∅ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND ∅ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



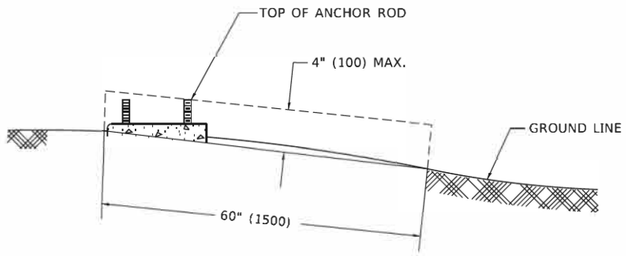
ANCHOR BOLT DETAIL



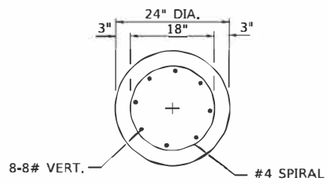
TOP VIEW



FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A–A

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IN PLACED.
3. THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
4. THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
5. THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3#4-IN. (20 mm).
6. THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
7. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
8. ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
9. THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
10. ANCHOR RODS SHALL PROJECT 23#4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
11. THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
12. THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
13 THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

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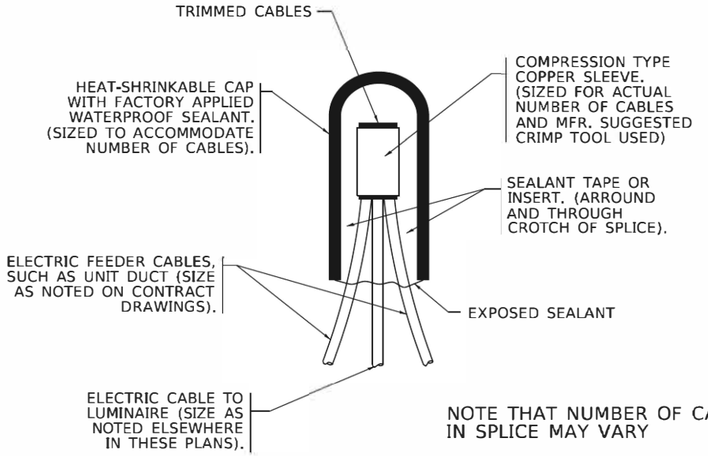
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION
30' (9.144 m) TO 35' (10.668 m) M.H. 11 1/2" (292 mm) BOLT CIRCLE

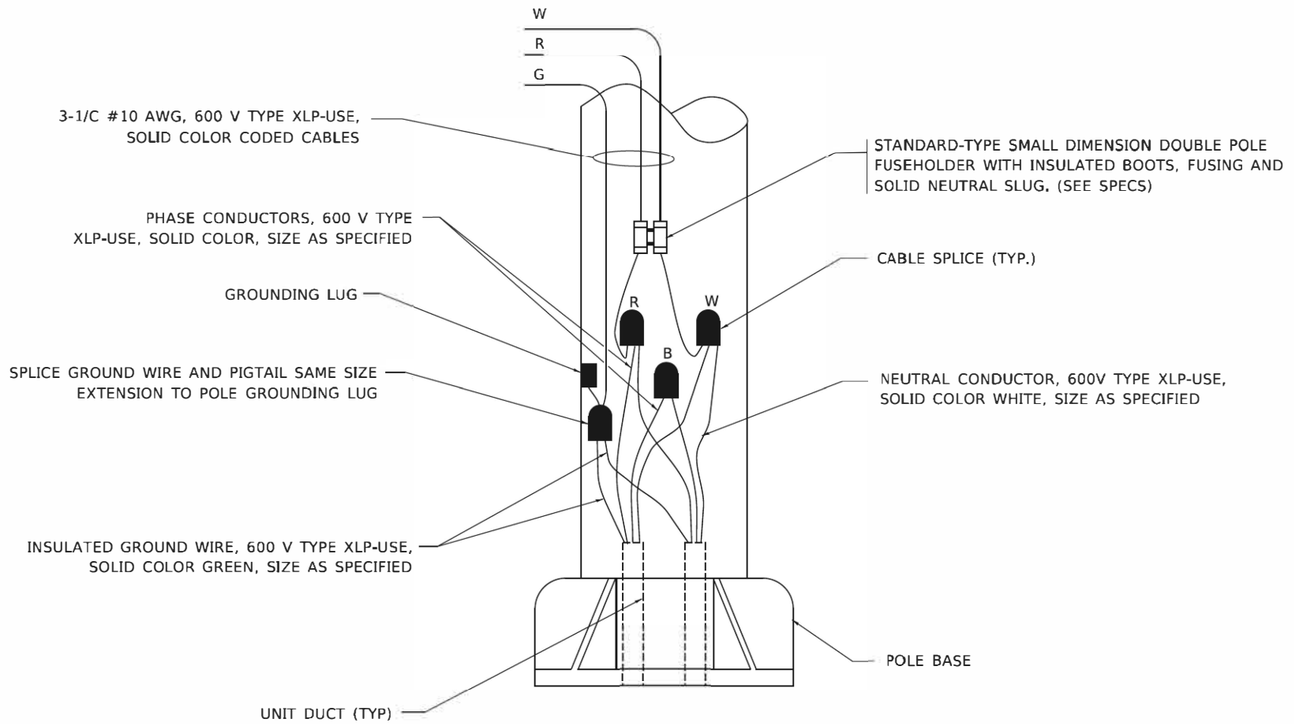
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	BE-300	CONTRACT NO.	61H23	
	ILLINOIS FED. AID PROJECT			

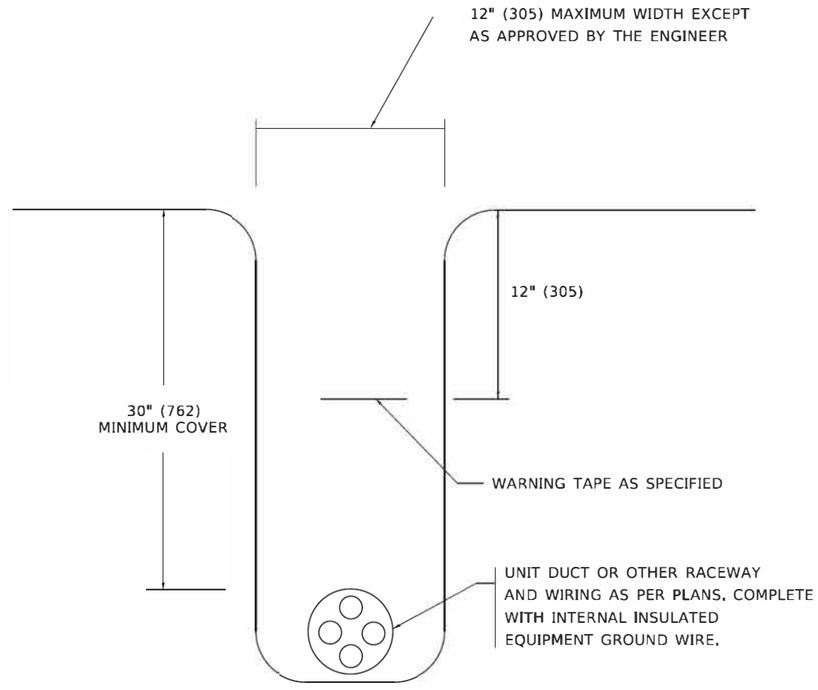


NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY

TYPICAL SPLICE DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.

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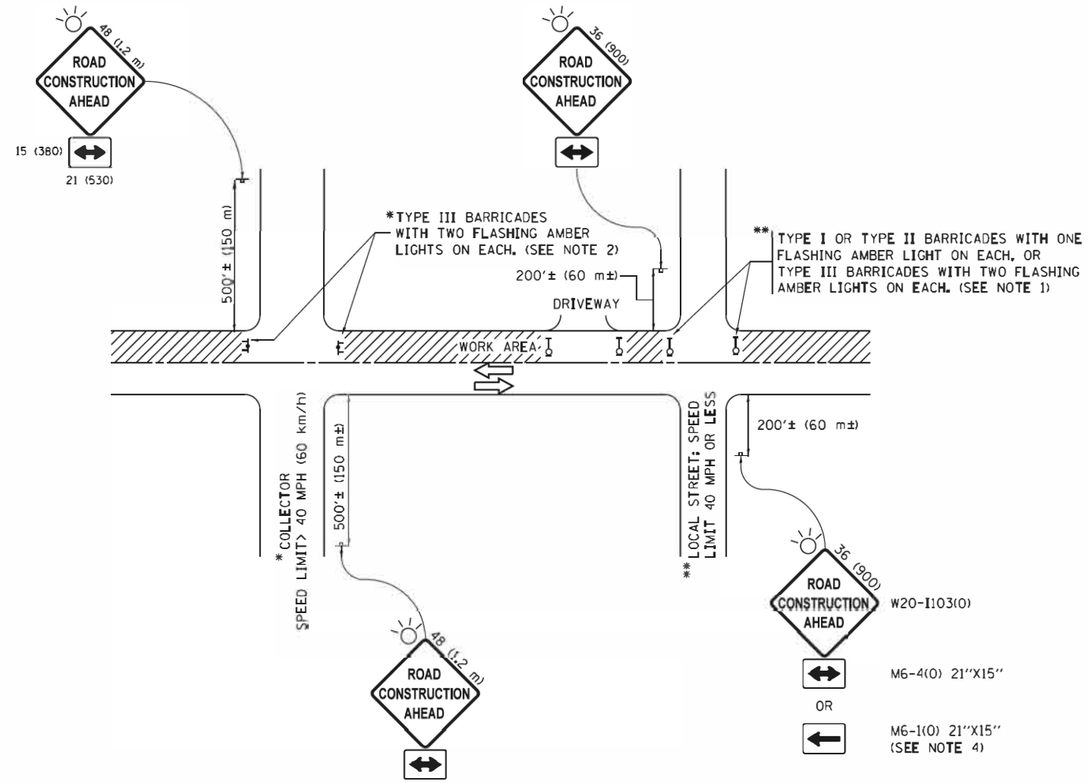
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS
SHEET A

SCALE: NONE | SHEET 18 OF 16 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	117
	BE-702	CONTRACT NO. 61H23		
	ILLINOIS FED. AID PROJECT			



NOTES:

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

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

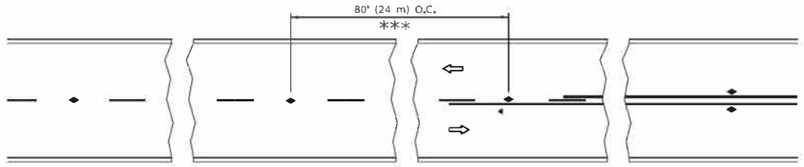
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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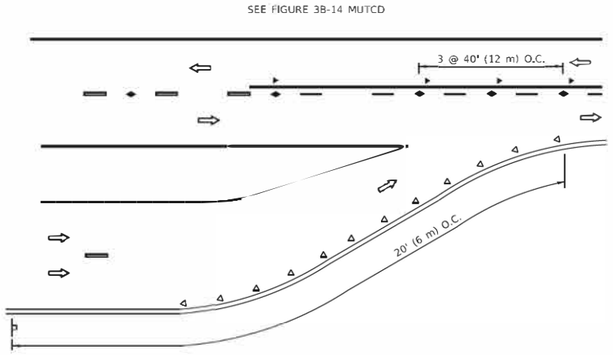
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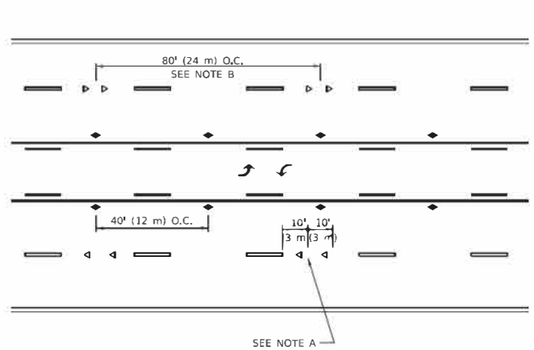
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

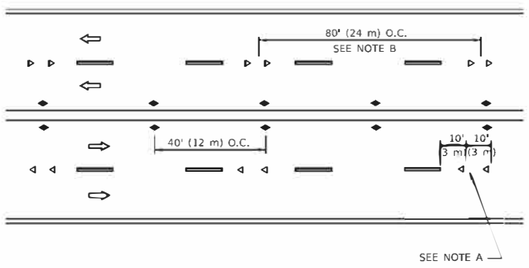
SEE FIGURE 3B-14 MUTCD



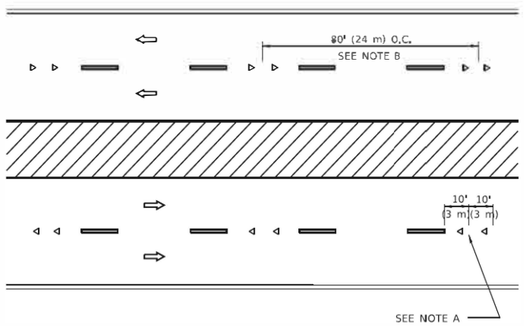
LANE REDUCTION TRANSITION



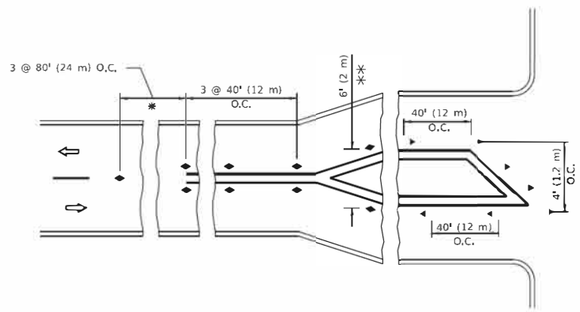
TWO–WAY LEFT TURN

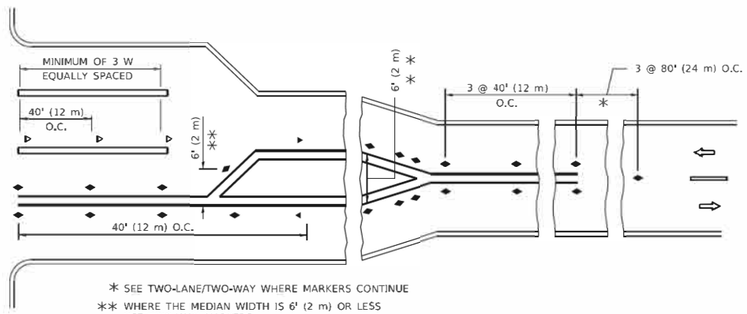


MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

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

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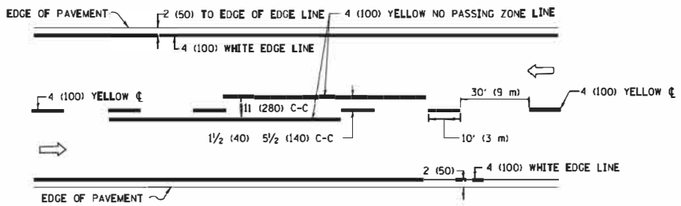
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

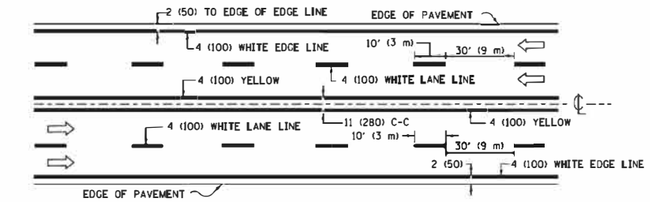
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT)

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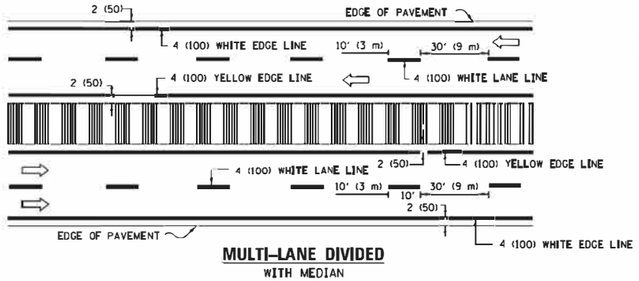
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3520	08-00279-00-FP	COOK	160	119
	TC-11	CONTRACT NO. 61H23		
		ILLINOIS	FED. AID PROJECT	



2–LANE ROADWAY

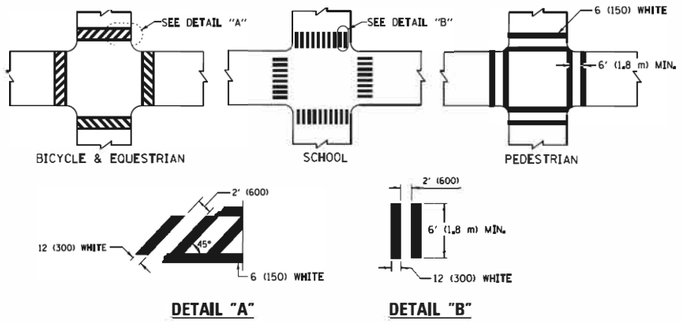


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

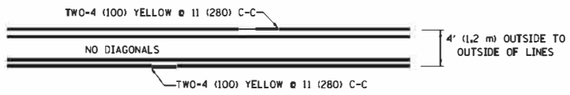
TYPICAL LANE AND EDGE LINE MARKING



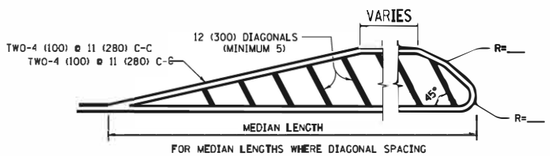
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



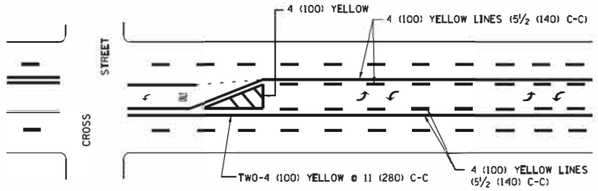
4' (1,2 m) WIDE MEDIANS ONLY



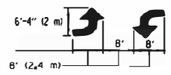
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1,2 m) WIDE

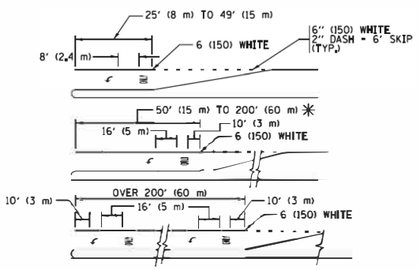


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

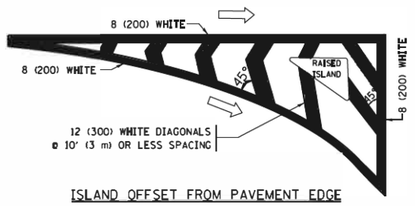


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m²) ⬆ AREA = 20.8 SQ. FT. (1.9 m²)

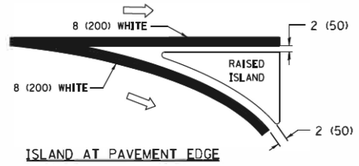
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

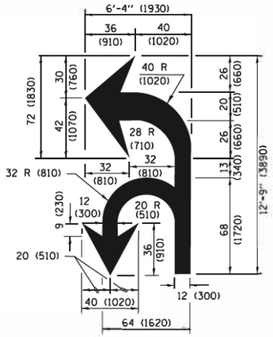


ISLAND OFFSET FROM PAVEMENT EDGE

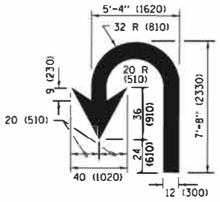


ISLAND AT PAVEMENT EDGE

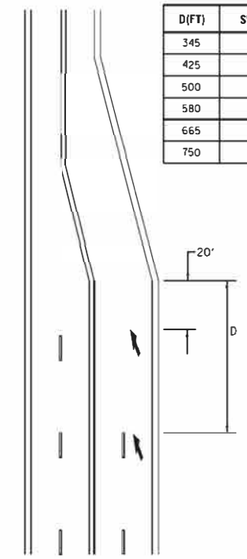
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



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

LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1,8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2,4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2,4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1,8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1,2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE. WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1,2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4,5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1,8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3,6 SQ. FT. (0,33 m²) EACH "X"=54,0 SQ. FT. (5,0 m2)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

FILE NAME = pw:\\IL084EBIDINTEG.:Illinois.gov#WIDOT\Documents\IDOT Offices\District 1\Projects\Dist	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
		DRAWN -	REVISED - C. JUCIUS 07-01-13
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
Default	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 11 OF 16 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	120
	TC-13	CONTRACT NO. 61H23		
		ILLINOIS FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

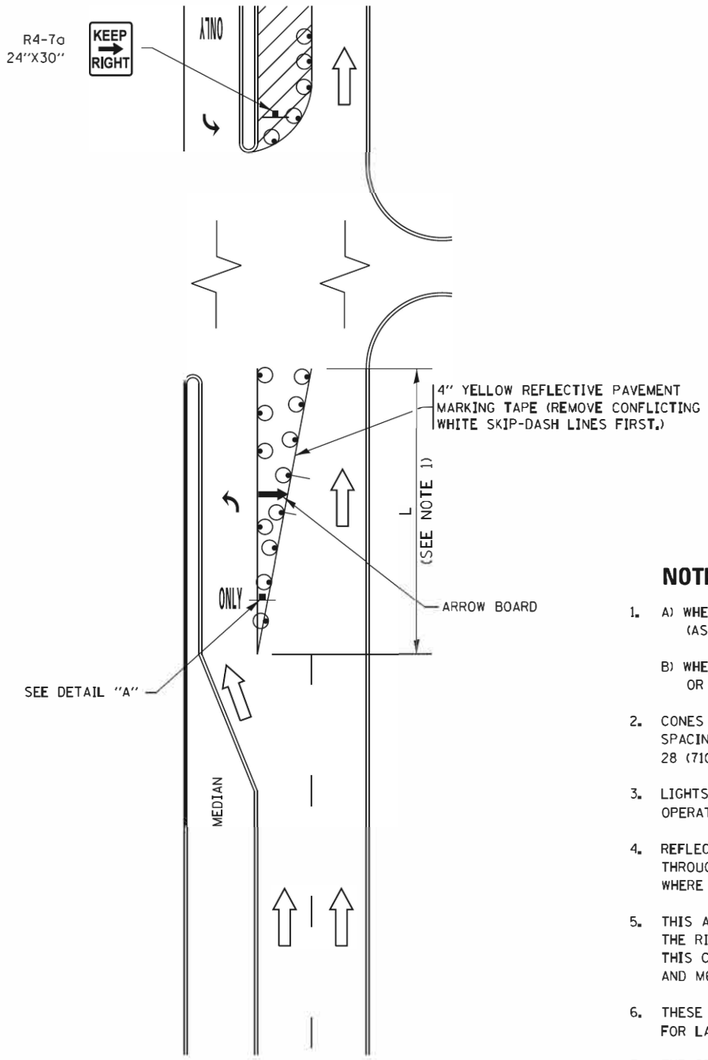


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I10OR 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

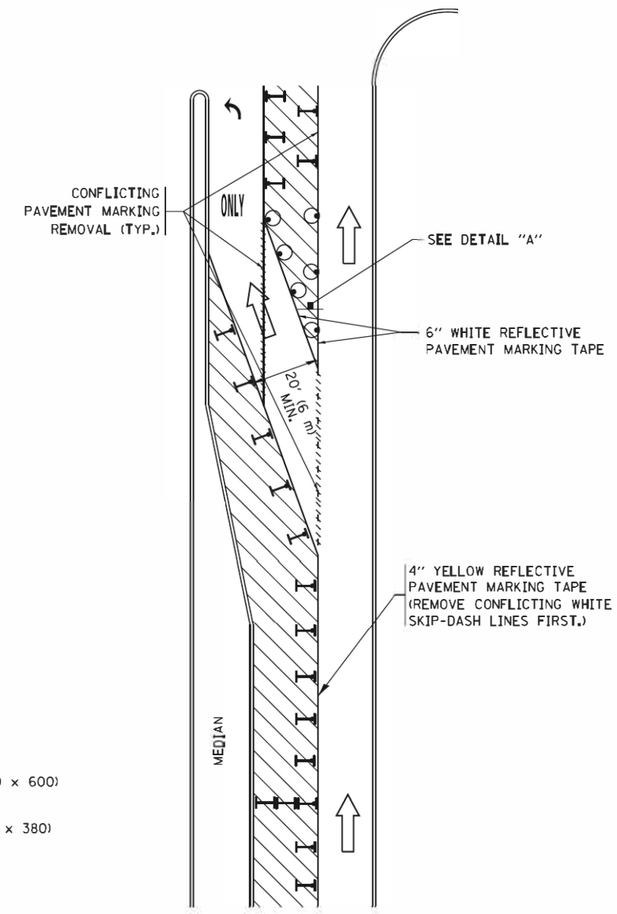
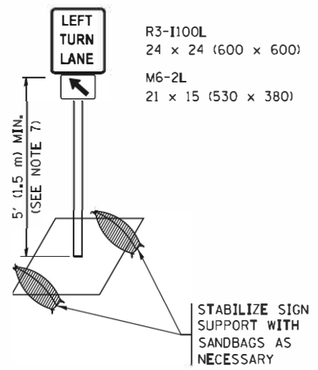


FIGURE 2

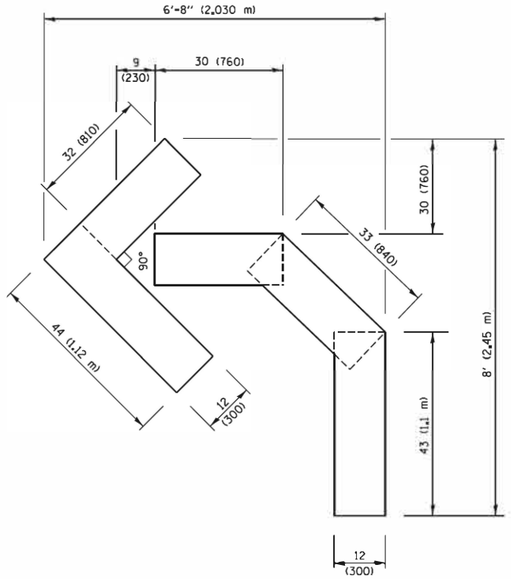


DETAIL A

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

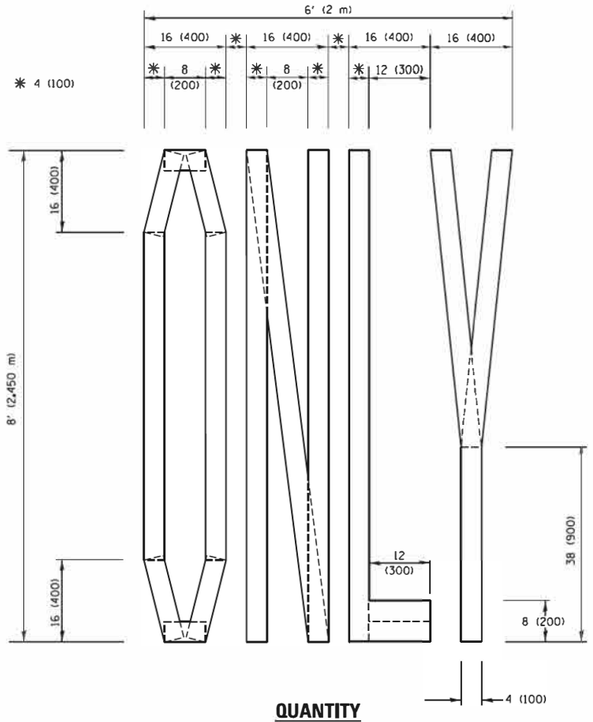
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	PLOT SCALE = 50.0000 ' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 07-01-13				TC-14
Default	PLOT DATE = 9/15/2016	REVISED -T. RAMMACHER 01-06-00	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE SHEET 12 OF 16 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	160	121
CONTRACT NO. 61H23		



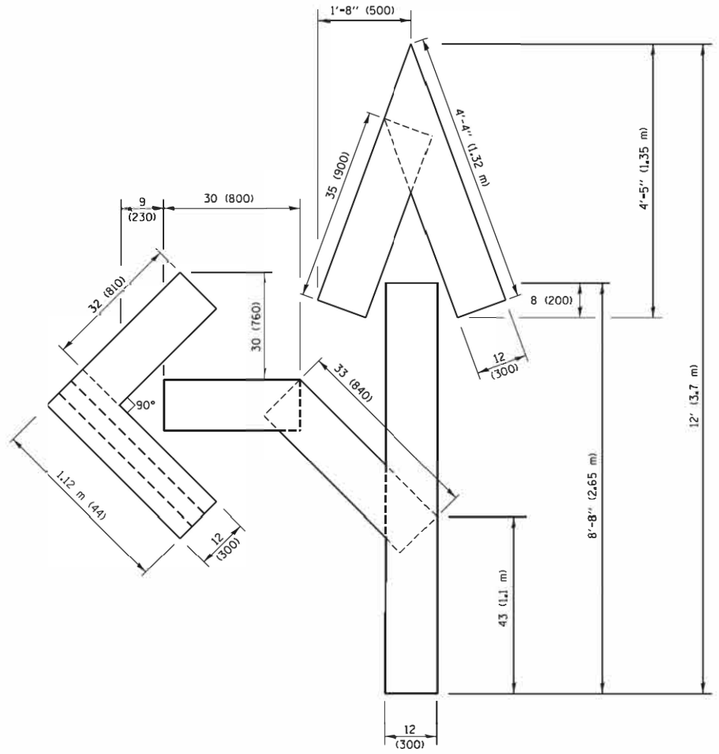
QUANTITY

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



QUANTITY

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

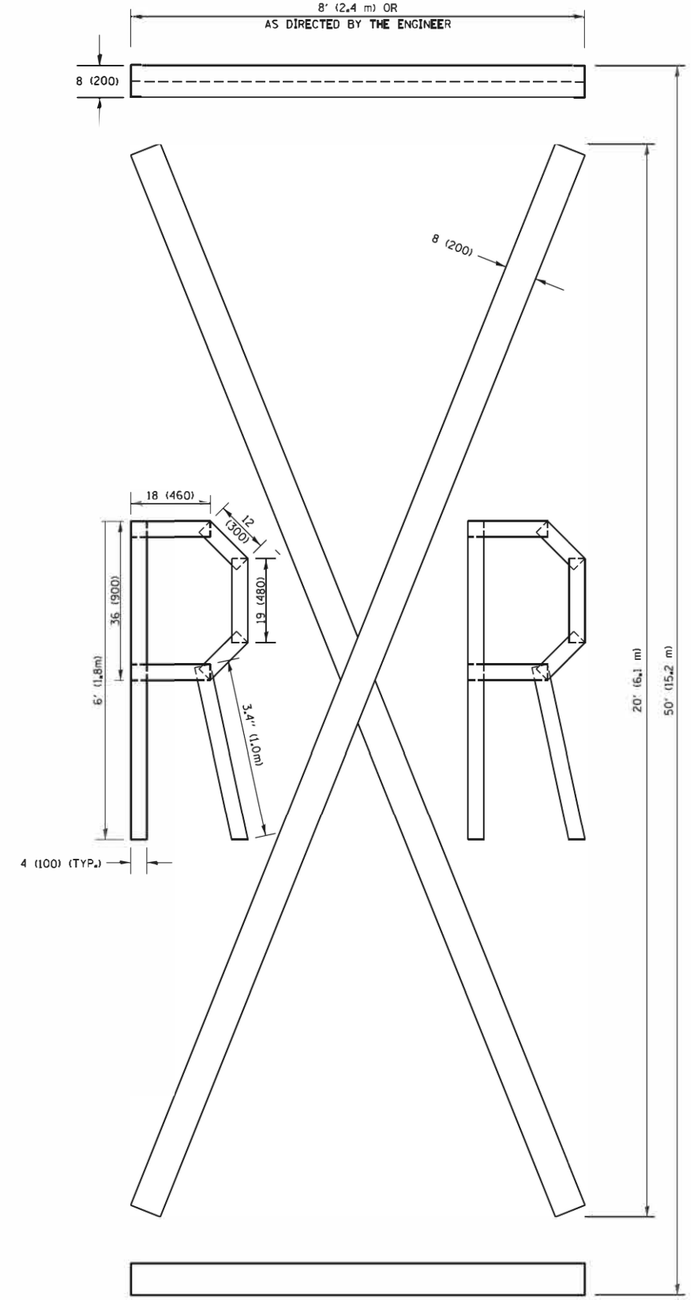


QUANTITY

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

NOTE:

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



QUANTITY

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

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
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	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
	PLOT DATE = 9/15/2016	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE | SHEET 13 OF 16 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	122
	TC-16	CONTRACT NO. 61H23		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

ROUTE MARKERS

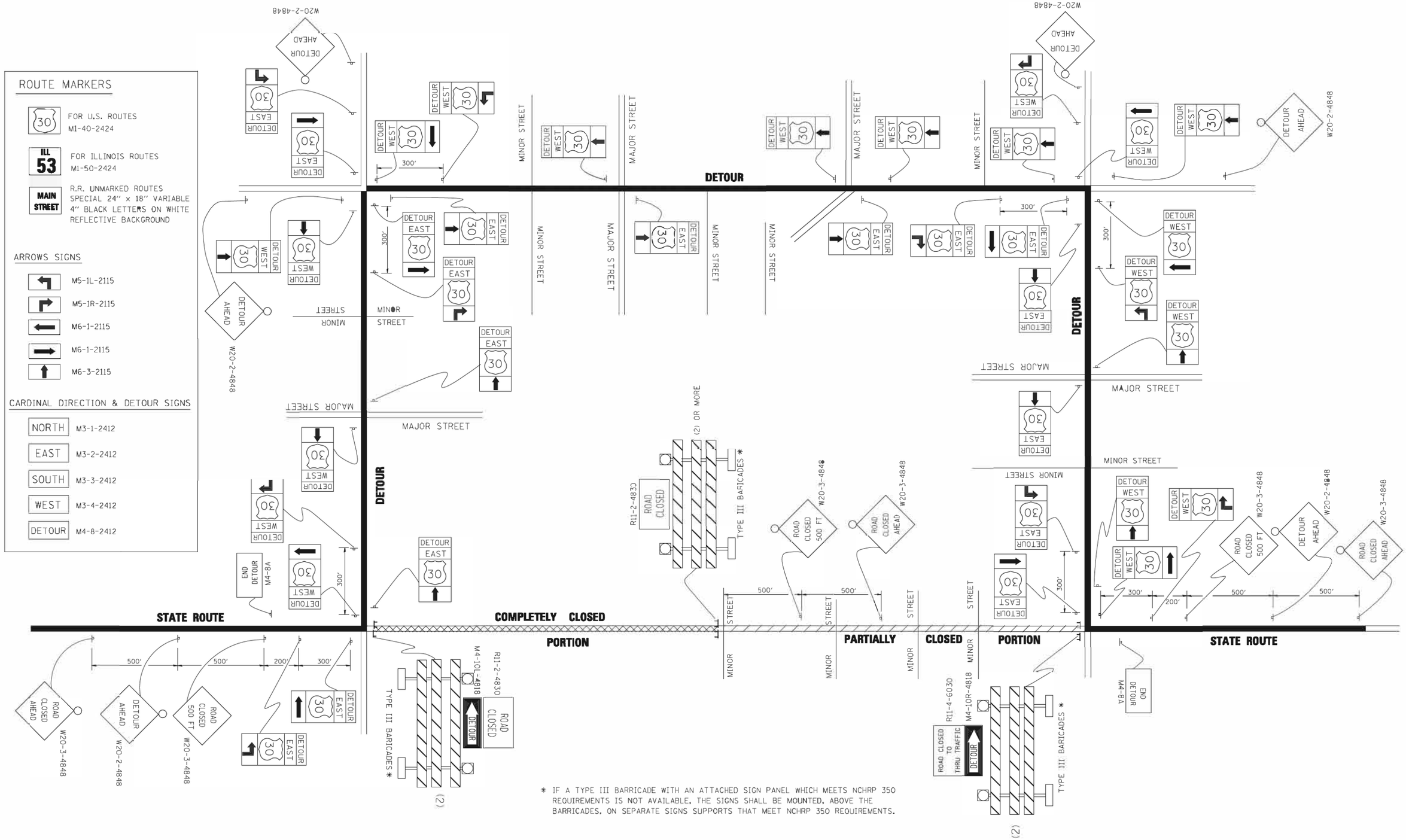
- 30 — FOR U.S. ROUTES M1-40-2424
- ILL 53 — FOR ILLINOIS ROUTES M1-50-2424
- MAIN STREET — R.R. UNMARKED ROUTES SPECIAL 24" x 18" VARIABLE 4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

ARROWS SIGNS

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

CARDINAL DIRECTION & DETOUR SIGNS

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



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

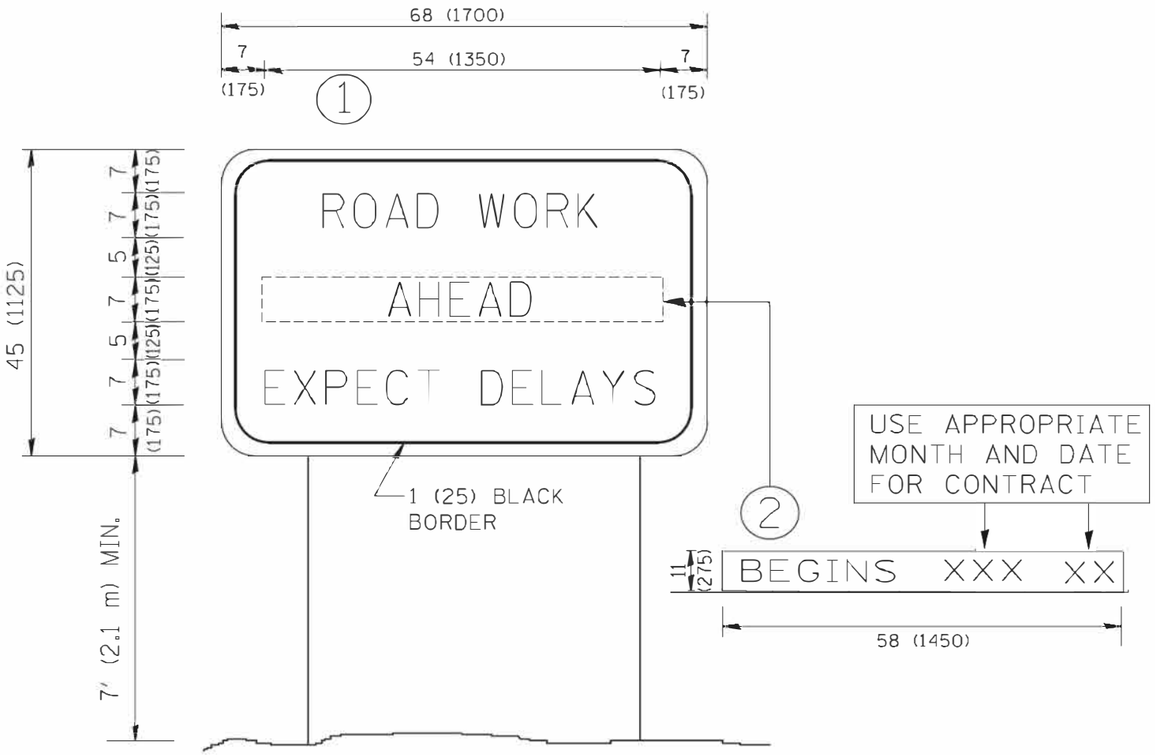
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS

SCALE: NONE | SHEET 14 OF 16 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	123
	TC-21	CONTRACT NO. 61H23		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

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

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

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	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE | SHEET 15 OF 16 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	124
	TC-22	CONTRACT NO.	61H23	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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

NOTES:

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

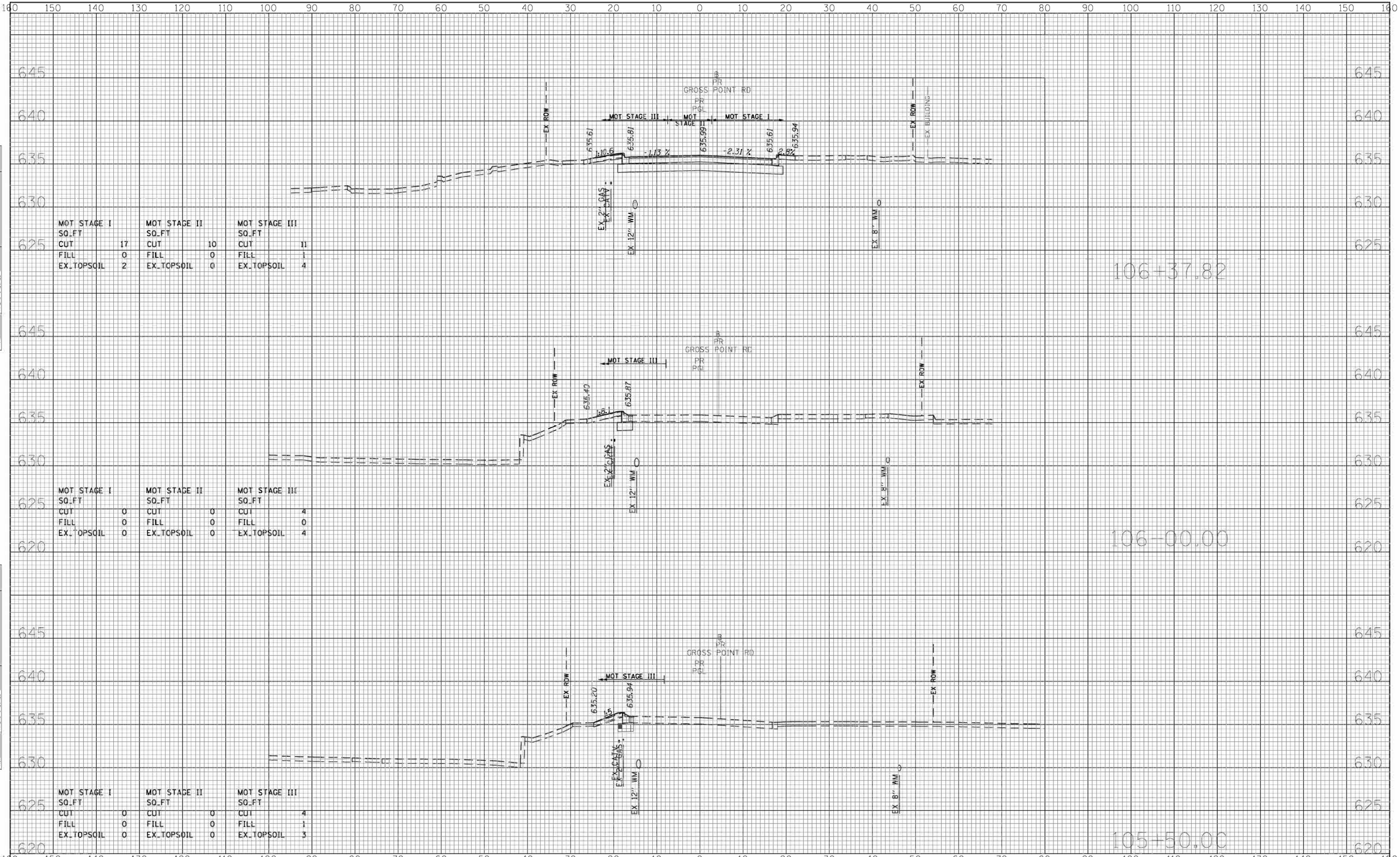
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE | SHEET 16 OF 16 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	125
	TC-26	CONTRACT NO. 61H23		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	17	CUT	10	CUT	11
FILL	0	FILL	0	FILL	1
EX_TOPSOIL	2	EX_TOPSOIL	0	EX_TOPSOIL	4

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	0	CUT	0	CUT	4
FILL	0	FILL	0	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	0	EX_TOPSOIL	4

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	0	CUT	0	CUT	4
FILL	0	FILL	0	FILL	1
EX_TOPSOIL	0	EX_TOPSOIL	0	EX_TOPSOIL	3

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

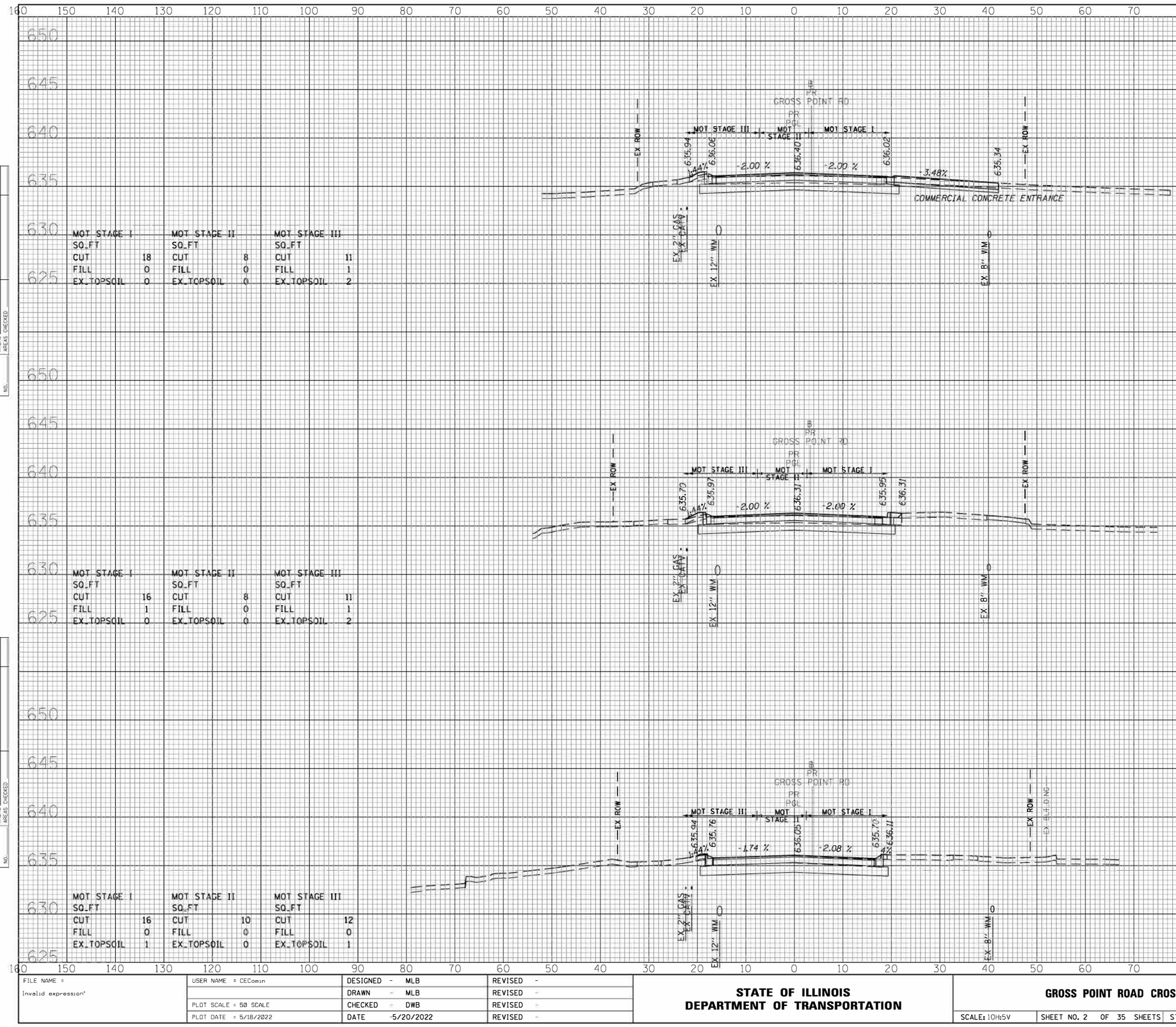
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 1 OF 35 SHEETS | STA. 105+50.00 TO STA. 106+37.82

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	126
	ILLINOIS FED. AID PROJECT			



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	18	CUT	8	CUT	11
FILL	0	FILL	0	FILL	1
EX_TOPSOIL	0	EX_TOPSOIL	0	EX_TOPSOIL	2

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	16	CUT	8	CUT	11
FILL	1	FILL	0	FILL	1
EX_TOPSOIL	0	EX_TOPSOIL	0	EX_TOPSOIL	2

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	16	CUT	10	CUT	12
FILL	0	FILL	0	FILL	0
EX_TOPSOIL	1	EX_TOPSOIL	0	EX_TOPSOIL	1

FINAL SURVEY / ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

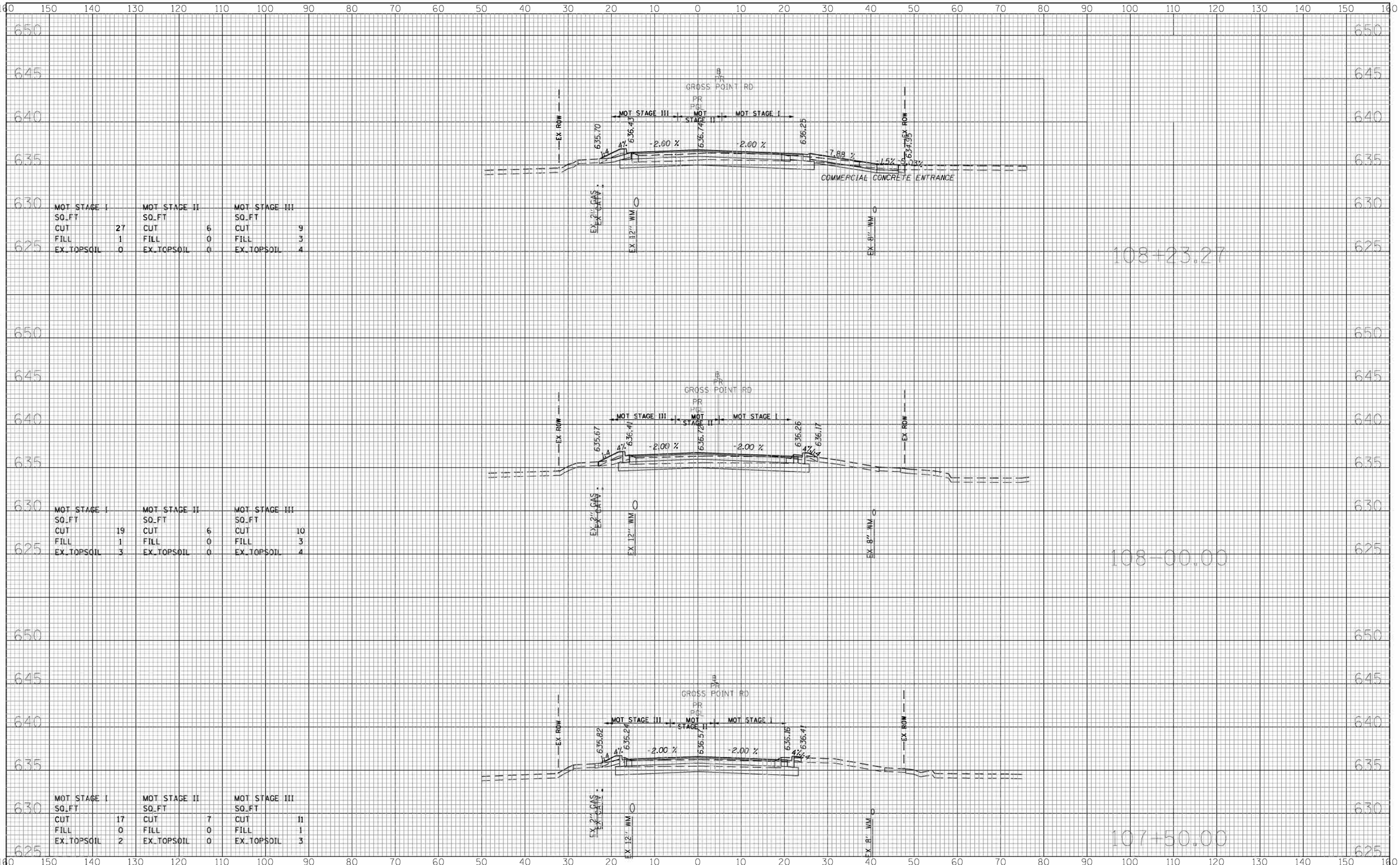
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 2 OF 35 SHEETS | STA. 106+50.00 TO STA. 107+16.69

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	127

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	27	CUT	6	CUT	9
FILL	1	FILL	0	FILL	3
EX_TOPSOIL	0	EX_TOPSOIL	0	EX_TOPSOIL	4

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	19	CUT	6	CUT	10
FILL	1	FILL	0	FILL	3
EX_TOPSOIL	3	EX_TOPSOIL	0	EX_TOPSOIL	4

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	17	CUT	7	CUT	11
FILL	0	FILL	0	FILL	1
EX_TOPSOIL	2	EX_TOPSOIL	0	EX_TOPSOIL	3

FINAL SURVEY / ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

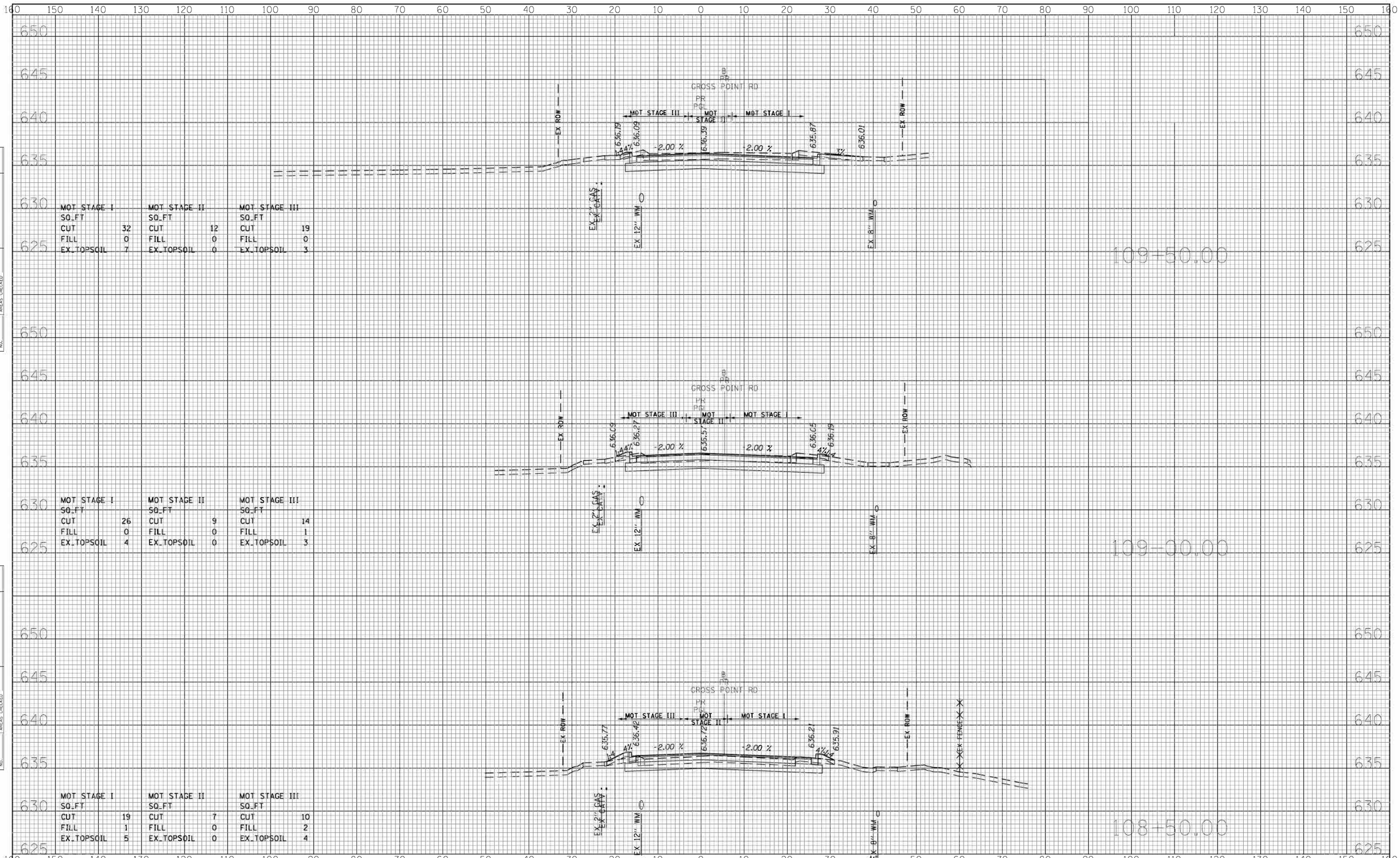
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 3 OF 35 SHEETS | STA. 107+50.00 TO STA. 108+23.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	128

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	32	CUT	12	CUT	19
FILL	0	FILL	0	FILL	0
EX_TOPSOIL	7	EX_TOPSOIL	0	EX_TOPSOIL	3

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	26	CUT	9	CUT	14
FILL	0	FILL	0	FILL	1
EX_TOPSOIL	4	EX_TOPSOIL	0	EX_TOPSOIL	3

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	19	CUT	7	CUT	10
FILL	1	FILL	0	FILL	2
EX_TOPSOIL	5	EX_TOPSOIL	0	EX_TOPSOIL	4

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

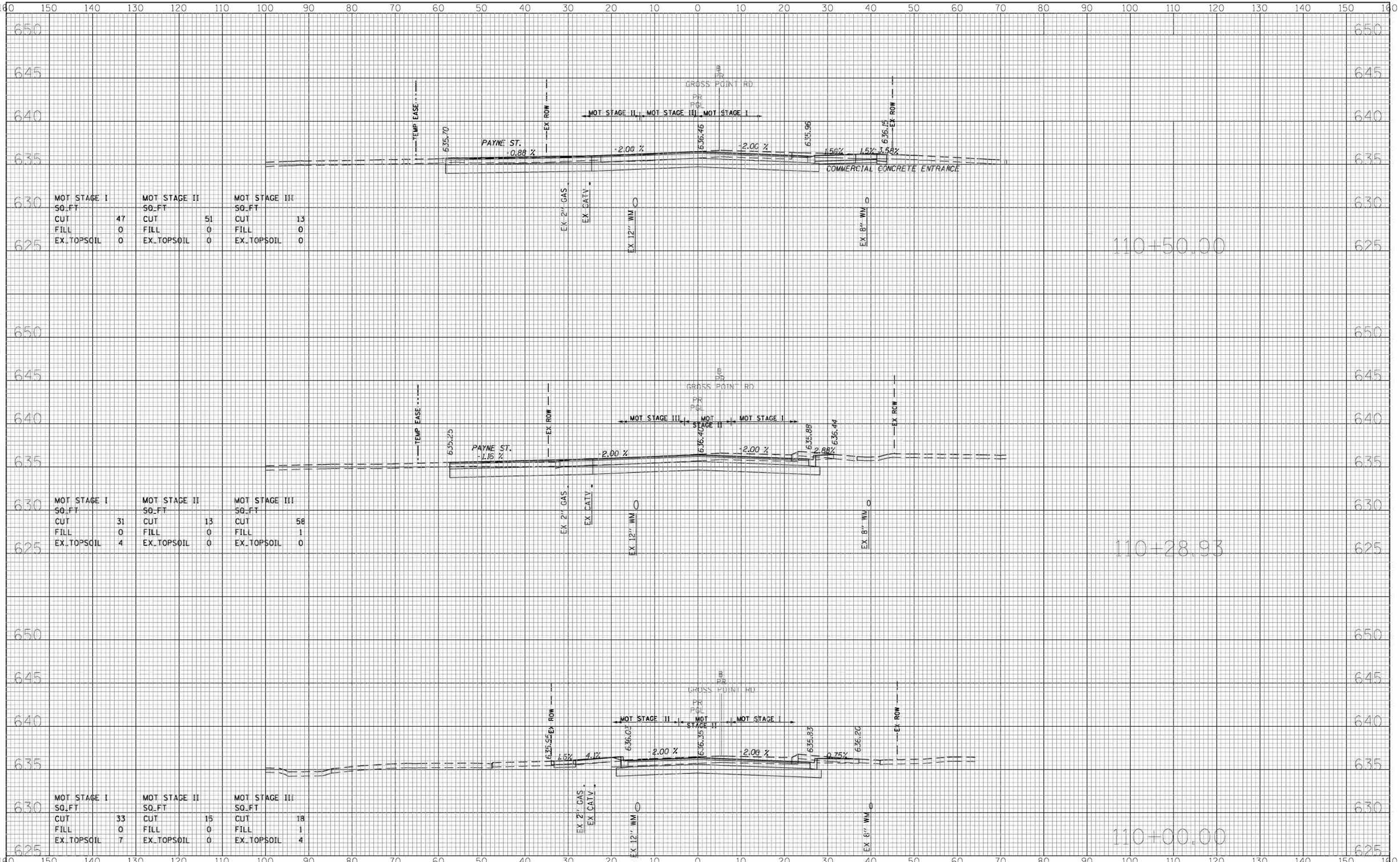
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 4 OF 35 SHEETS | STA. 108+50.00 | TO STA. 109+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	129

Contract No. 61H23

ILLINOIS FED. AID PROJECT



FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

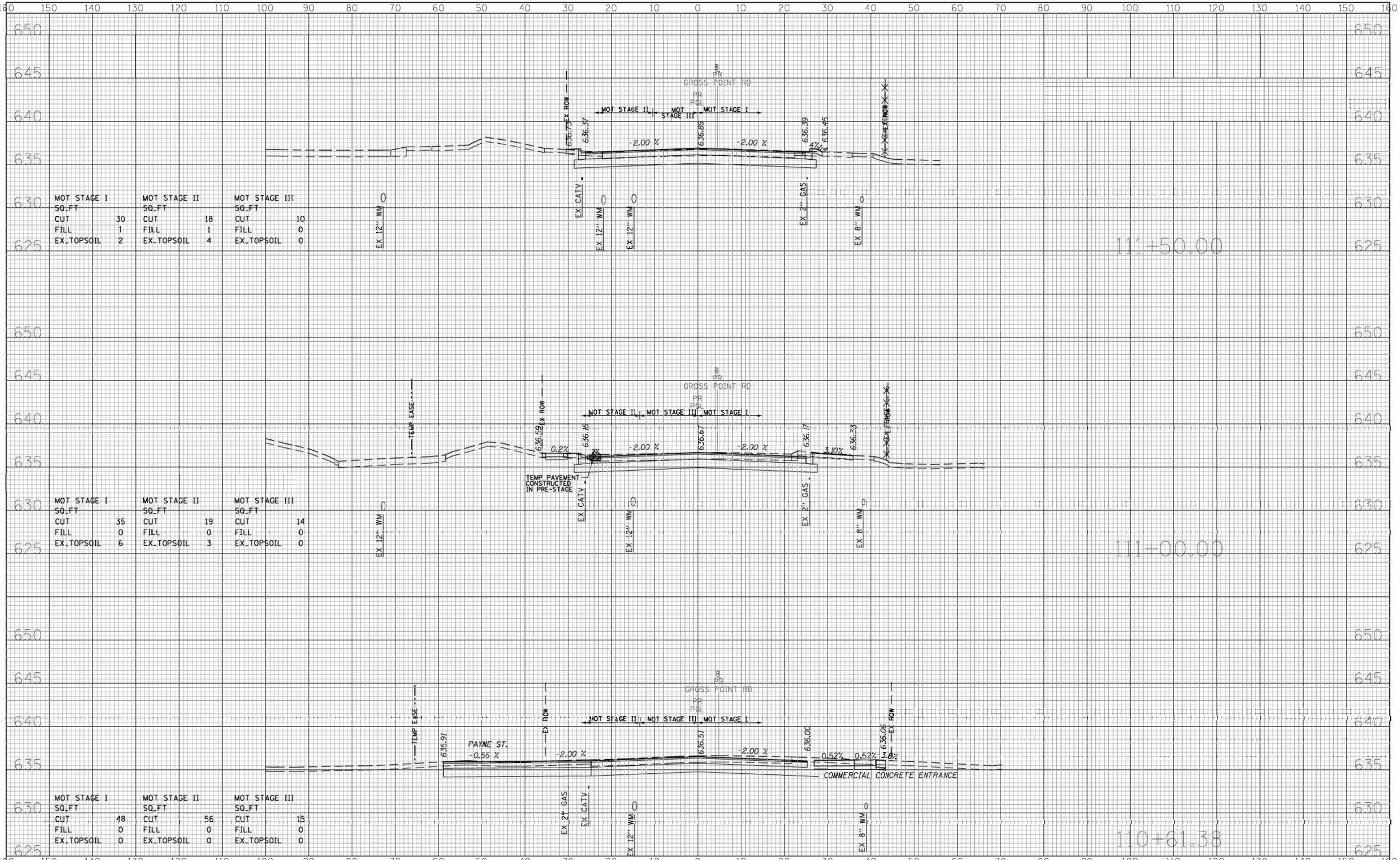
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 5 OF 35 SHEETS | STA. 110+00.00 | TO STA. 110+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	130

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	30	CUT	18	CUT	10
FILL	1	FILL	1	FILL	0
EX_TOPSOIL	2	EX_TOPSOIL	4	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	35	CUT	19	CUT	14
FILL	0	FILL	0	FILL	0
EX_TOPSOIL	6	EX_TOPSOIL	3	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	48	CUT	56	CUT	15
FILL	0	FILL	0	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	0	EX_TOPSOIL	0

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

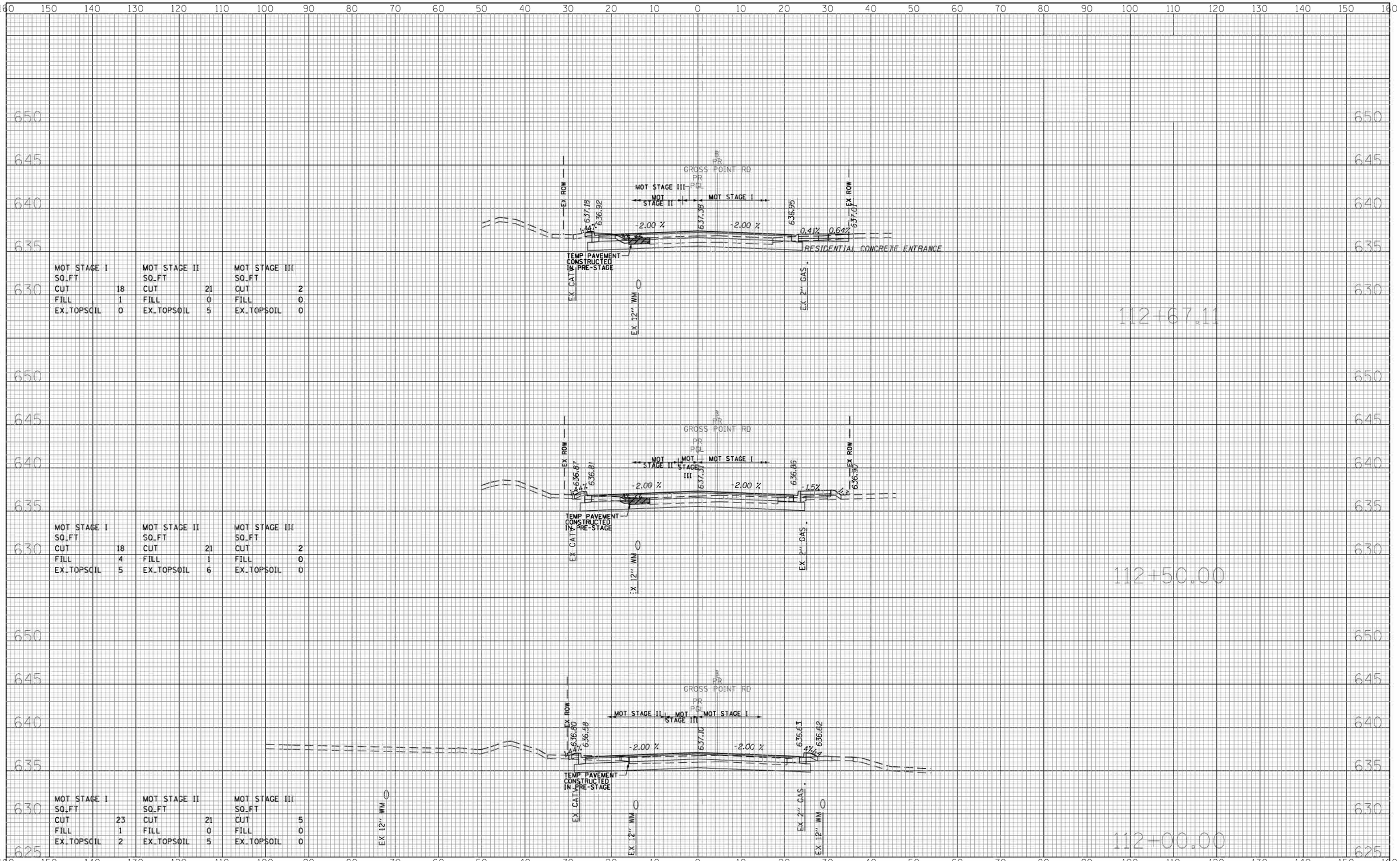
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 6 OF 35 SHEETS | STA. 110+61.38 | TO STA. 111+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	131

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	18	CUT	21	CUT	2
FILL	1	FILL	0	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	5	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	18	CUT	21	CUT	2
FILL	4	FILL	1	FILL	0
EX_TOPSOIL	5	EX_TOPSOIL	6	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	23	CUT	21	CUT	5
FILL	1	FILL	0	FILL	0
EX_TOPSOIL	2	EX_TOPSOIL	5	EX_TOPSOIL	0

FINAL SURVEY / ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

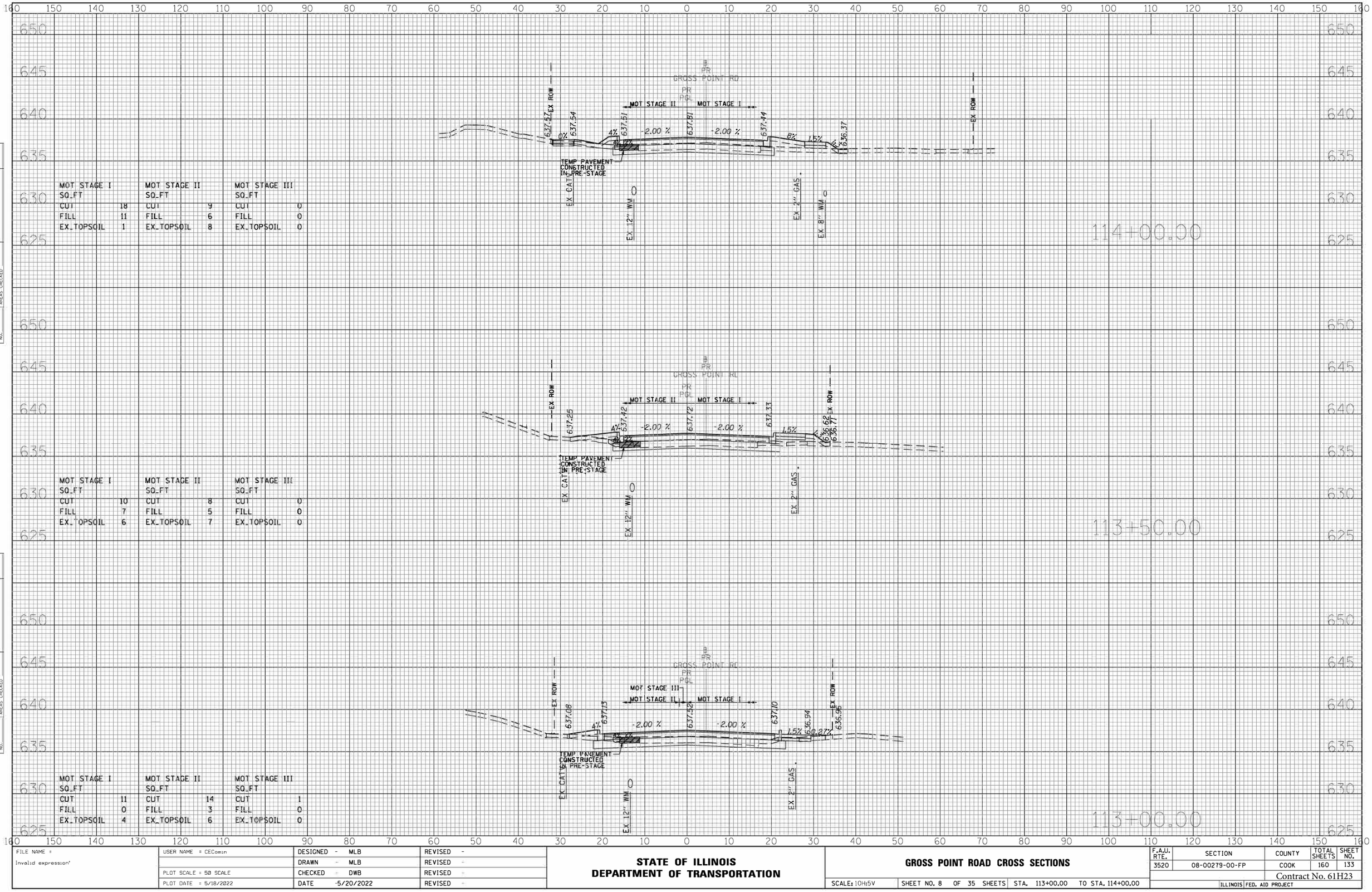
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 7 OF 35 SHEETS | STA. 112+00.00 | TO STA. 112+67.11

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	132

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	18	CUT	9	CUT	0
FILL	11	FILL	6	FILL	0
EX_TOPSOIL	1	EX_TOPSOIL	8	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	10	CUT	8	CUT	0
FILL	7	FILL	5	FILL	0
EX_TOPSOIL	6	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	11	CUT	14	CUT	1
FILL	0	FILL	3	FILL	0
EX_TOPSOIL	4	EX_TOPSOIL	6	EX_TOPSOIL	0

FINAL SURVEY / ORIGINAL SURVEY

DATE	BY
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
AREAS CHECKED	
NO.	

FILE NAME = Invalid expression'	USER NAME = CEComin	DESIGNED - MLB	REVISED -
		DRAWN - MLB	REVISED -
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	PLOT DATE = 5/18/2022	DATE -5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

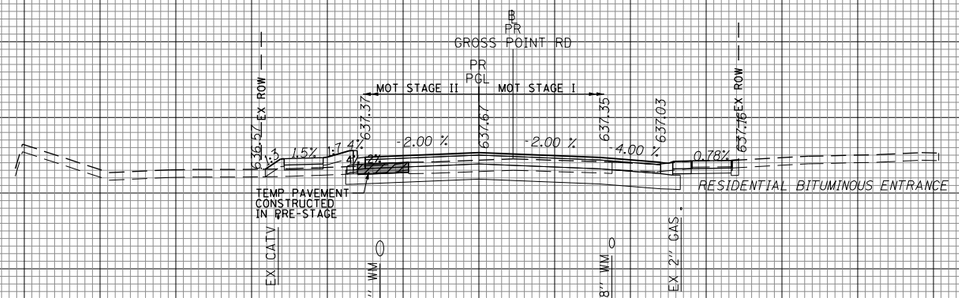
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 8 OF 35 SHEETS | STA. 113+00.00 | TO STA. 114+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	133

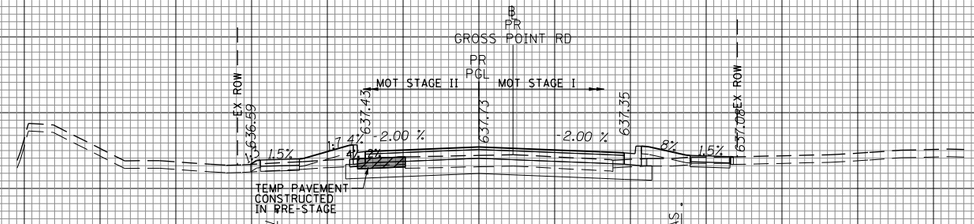
Contract No. 61H23

ILLINOIS FED. AID PROJECT



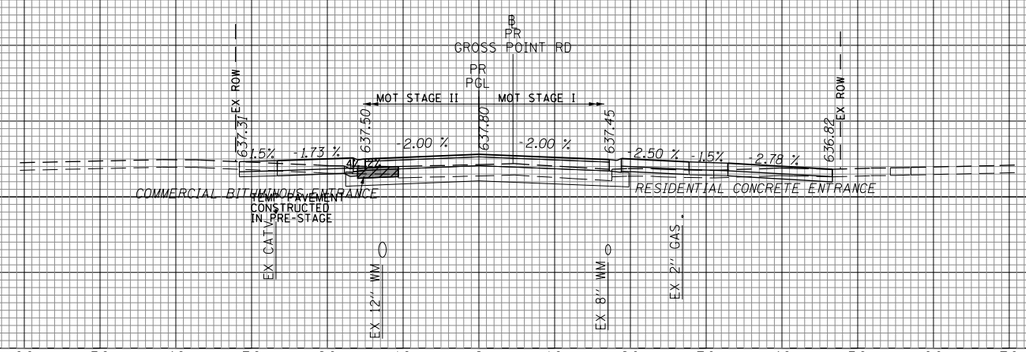
MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	26	CUT	14	CUT	0
FILL	0	FILL	6	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	6	EX_TOPSOIL	0

114+67.07



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	17	CUT	11	CUT	0
FILL	3	FILL	4	FILL	0
EX_TOPSOIL	3	EX_TOPSOIL	10	EX_TOPSOIL	0

114+50.00



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	14	CUT	14	CUT	0
FILL	6	FILL	2	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	0	EX_TOPSOIL	0

114+20.27

FINAL SURVEY / ORIGINAL SURVEY

NO.	NOTE BOOK	BY	DATE

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

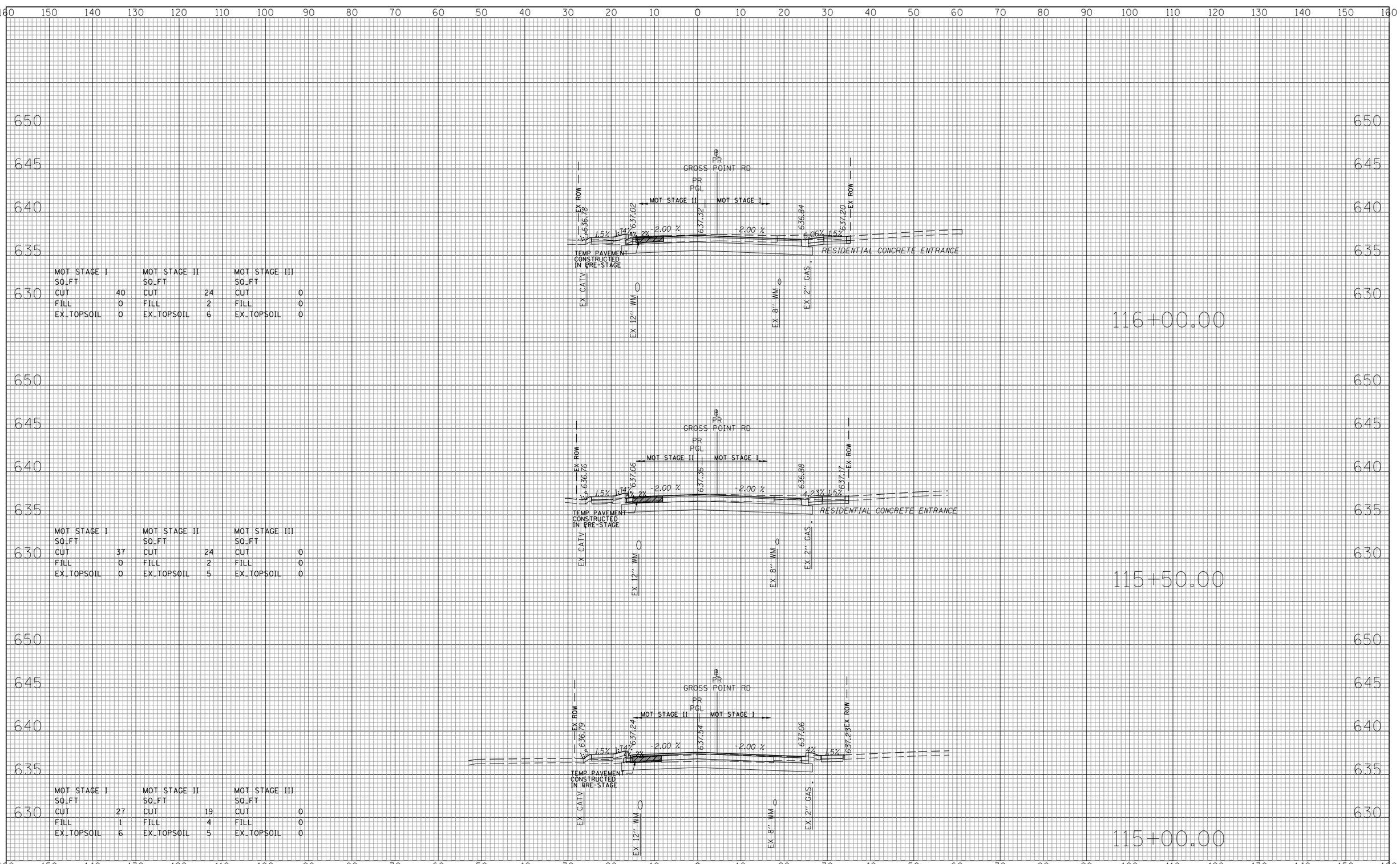
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	PLOT SCALE = 50 SCALE	CHECKED - DWB	REVISED -		
	PLOT DATE = 5/18/2022	DATE -5/20/2022	REVISED -		

SCALE: 1OH:5V | SHEET NO. 9 OF 35 SHEETS | STA. 114+20.27 TO STA. 114+67.07

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	134

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	40	CUT	24	CUT	0
FILL	0	FILL	2	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	6	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	37	CUT	24	CUT	0
FILL	0	FILL	2	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	5	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	27	CUT	19	CUT	0
FILL	1	FILL	4	FILL	0
EX_TOPSOIL	6	EX_TOPSOIL	5	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

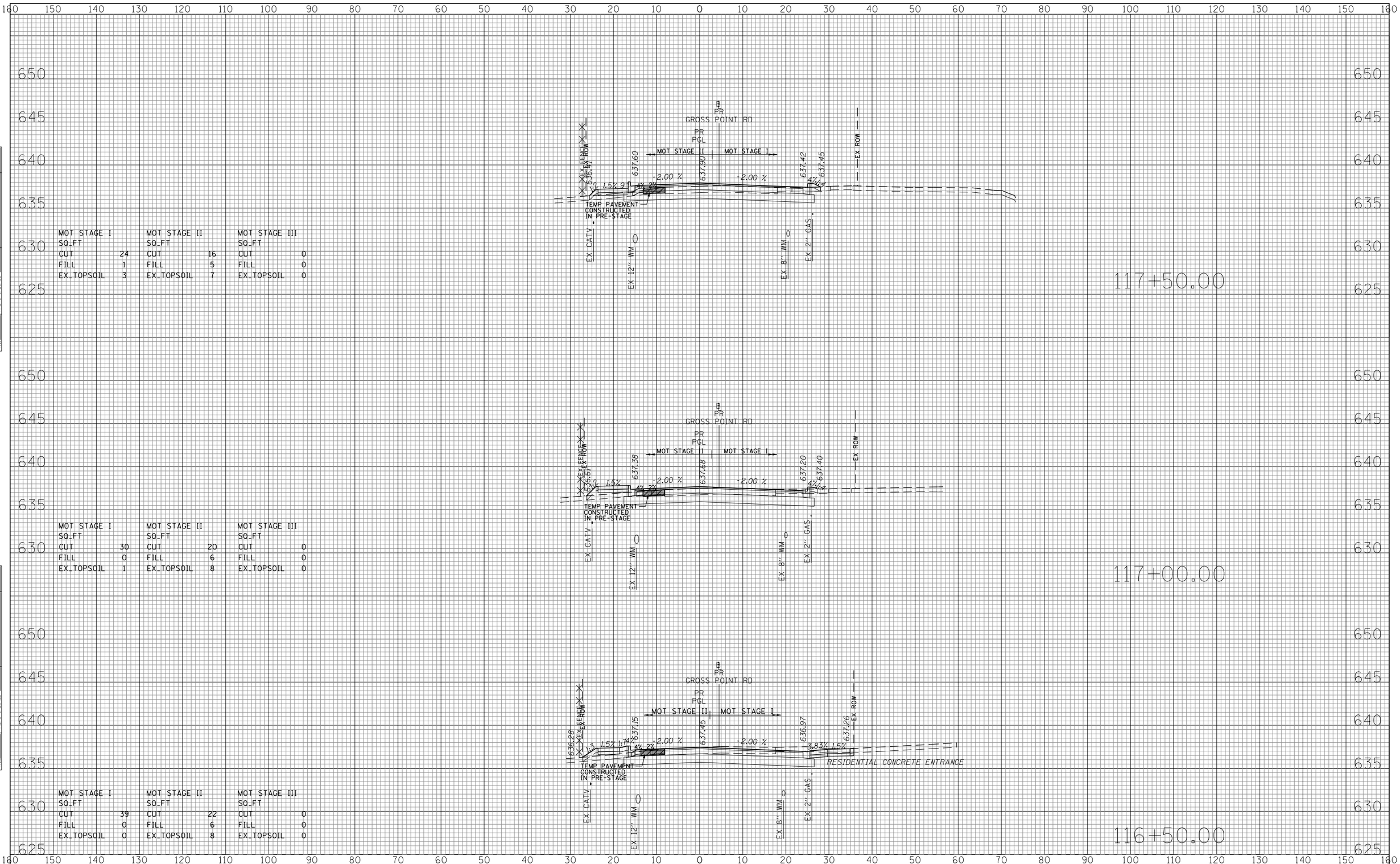
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 10 OF 35 SHEETS | STA. 115+00.00 | TO STA. 116+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	135

Contract No. 61H23

ILLINOIS | FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	24	CUT	16	CUT	0
FILL	1	FILL	5	FILL	0
EX_TOPSOIL	3	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	30	CUT	20	CUT	0
FILL	0	FILL	6	FILL	0
EX_TOPSOIL	1	EX_TOPSOIL	8	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	39	CUT	22	CUT	0
FILL	0	FILL	6	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	8	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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		DRAWN - MLB	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

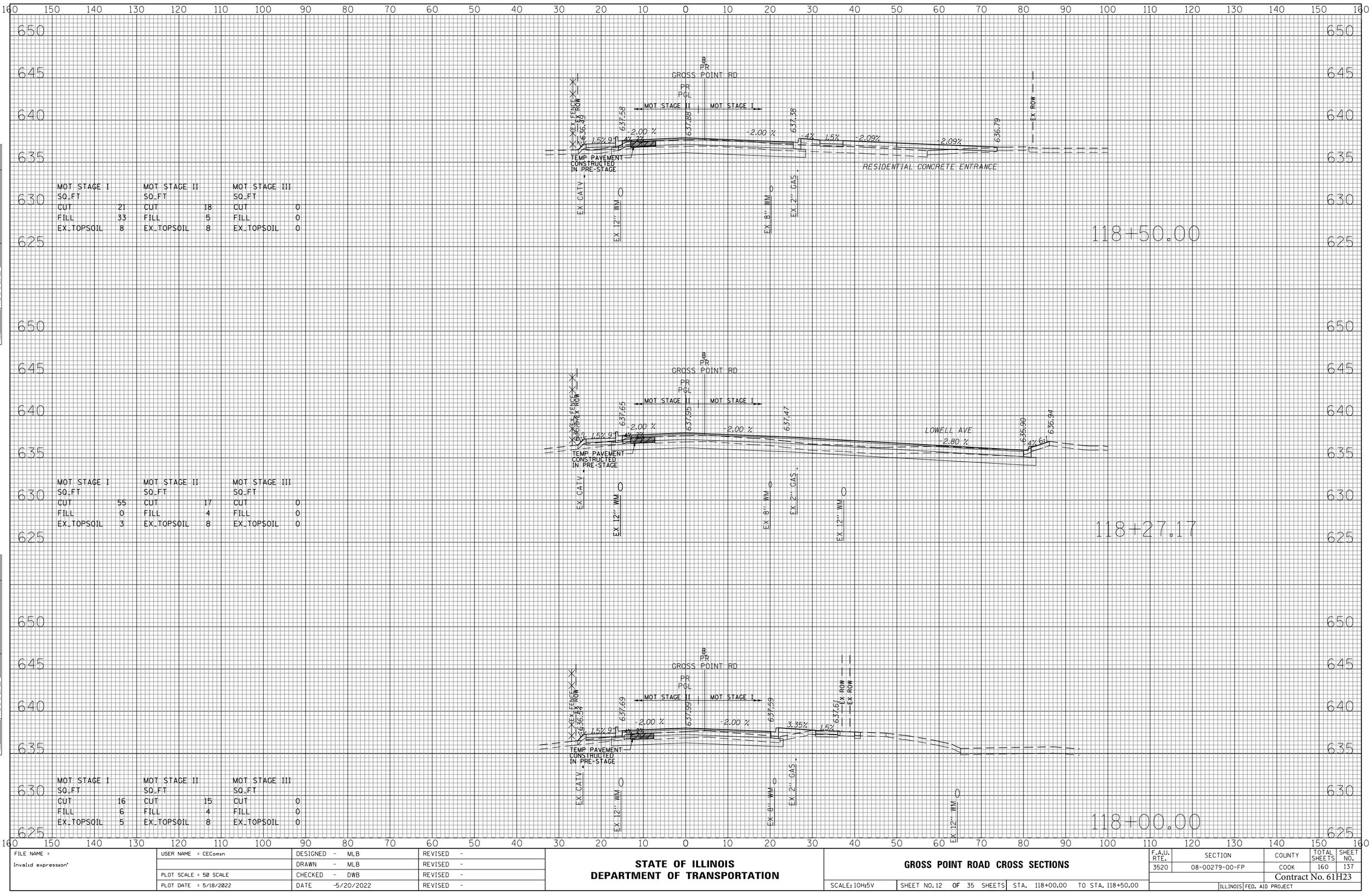
GROSS POINT ROAD CROSS SECTIONS

SCALE: 1"=50' H: 5' V | SHEET NO. 11 OF 35 SHEETS | STA. 116+50.00 TO STA. 117+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	136

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	21	CUT	18	CUT	0
FILL	33	FILL	5	FILL	0
EX_TOPSOIL	8	EX_TOPSOIL	8	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	55	CUT	17	CUT	0
FILL	0	FILL	4	FILL	0
EX_TOPSOIL	3	EX_TOPSOIL	8	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	16	CUT	15	CUT	0
FILL	6	FILL	4	FILL	0
EX_TOPSOIL	5	EX_TOPSOIL	8	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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		DRAWN - MLB	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

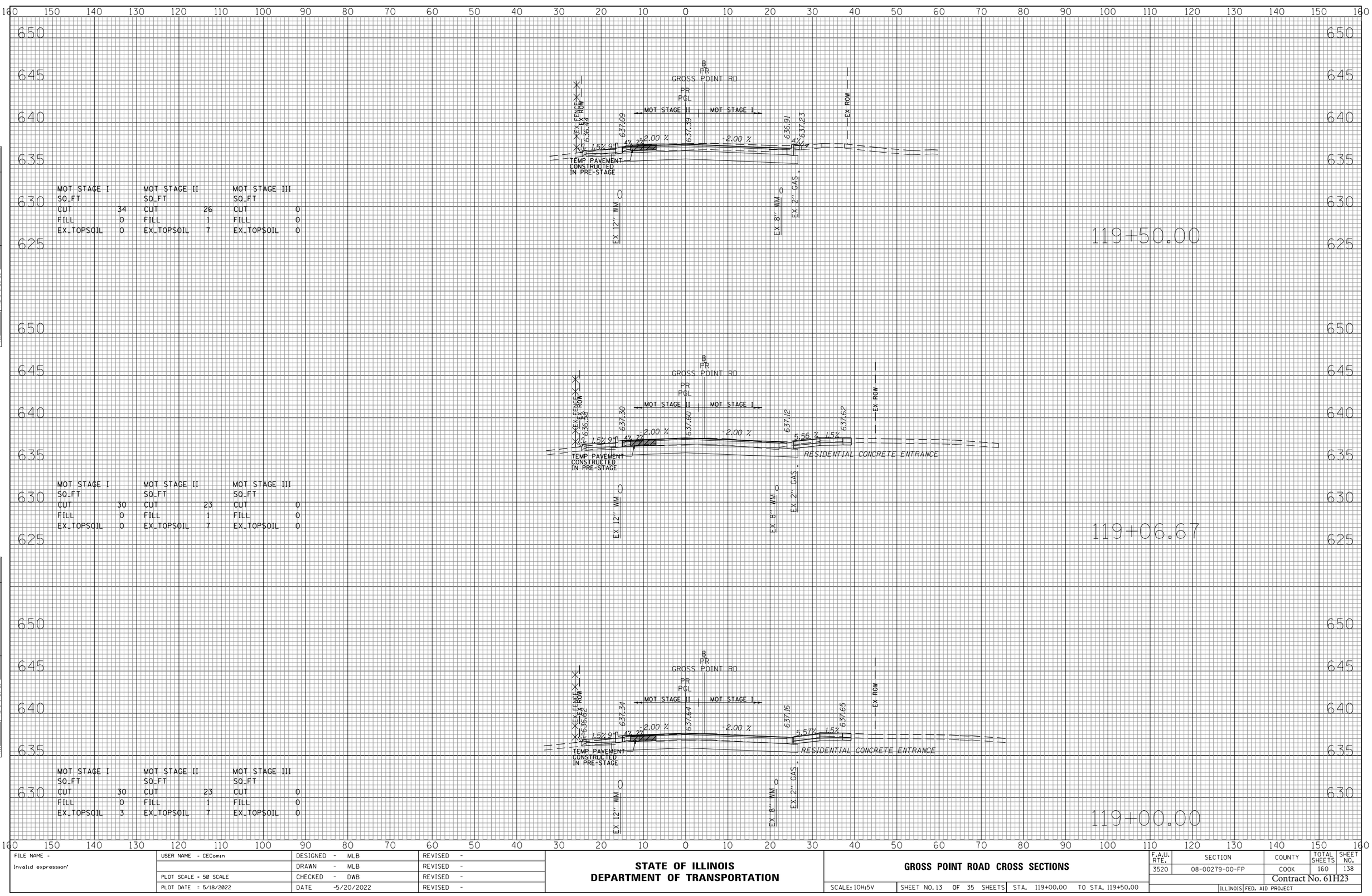
GROSS POINT ROAD CROSS SECTIONS

SCALE: 1OH:5V | SHEET NO. 12 OF 35 SHEETS | STA. 118+00.00 TO STA. 118+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	137

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	34	CUT	26	CUT	0
FILL	0	FILL	1	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	30	CUT	23	CUT	0
FILL	0	FILL	1	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	30	CUT	23	CUT	0
FILL	0	FILL	1	FILL	0
EX_TOPSOIL	3	EX_TOPSOIL	7	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

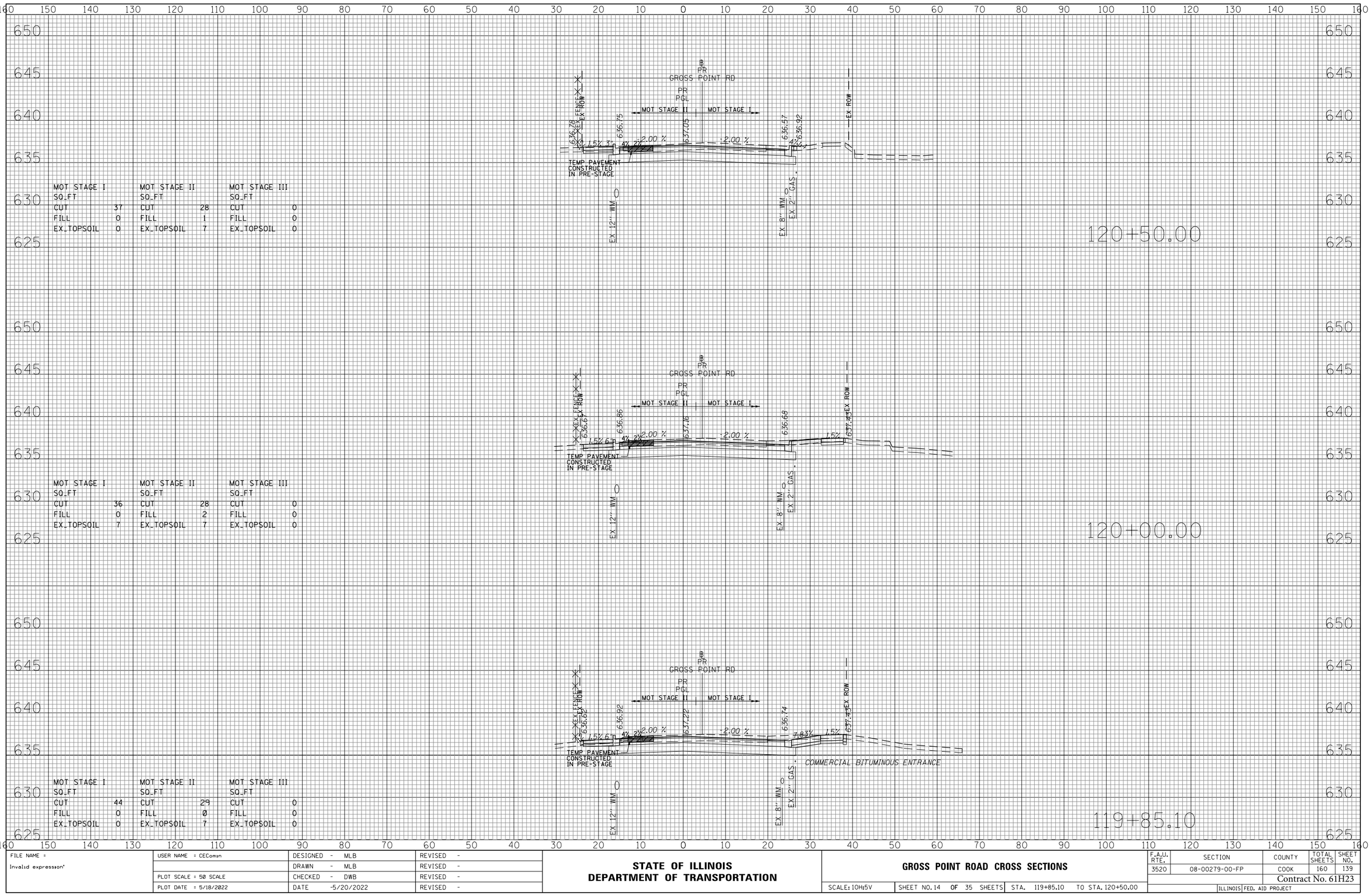
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 13 OF 35 SHEETS | STA. 119+00.00 | TO STA. 119+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	138

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	37	CUT	28	CUT	0
FILL	0	FILL	1	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	36	CUT	28	CUT	0
FILL	0	FILL	2	FILL	0
EX_TOPSOIL	7	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	44	CUT	29	CUT	0
FILL	0	FILL	0	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	7	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

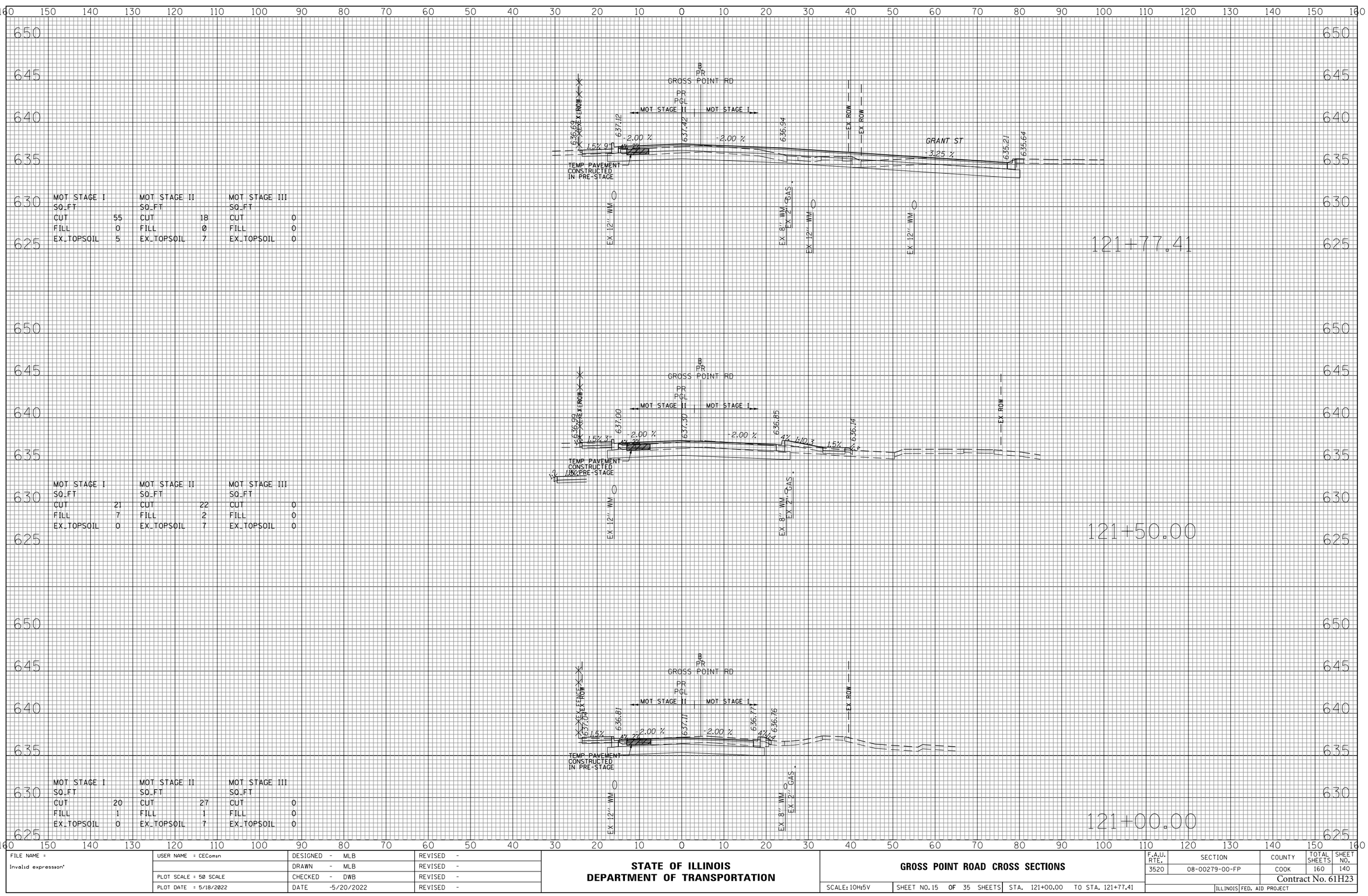
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 14 OF 35 SHEETS | STA. 119+85.10 | TO STA. 120+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	139

Contract No. 61H23

ILLINOIS FED. AID PROJECT



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

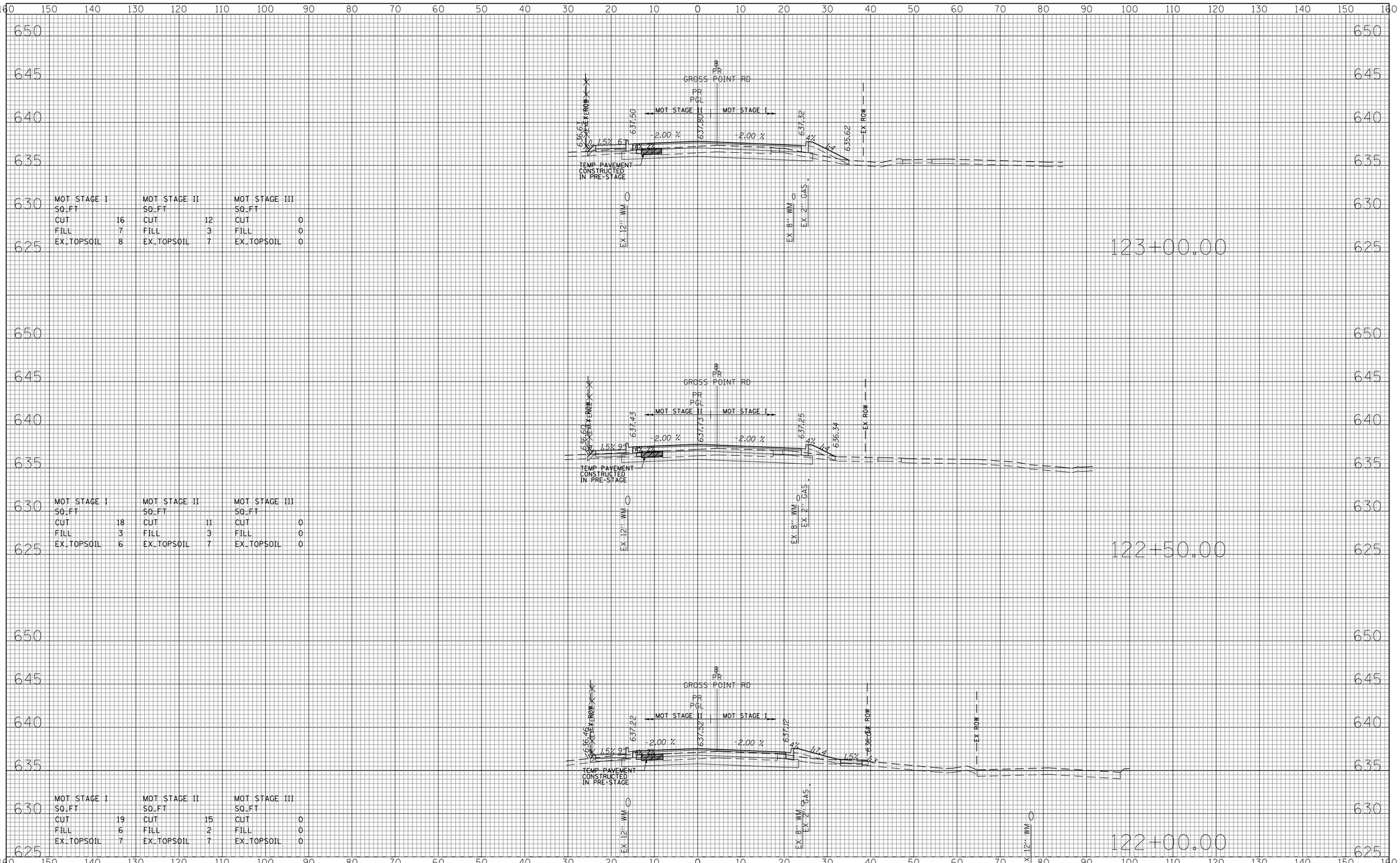
GROSS POINT ROAD CROSS SECTIONS

SCALE: 1"=50' H, 1"=5' V | SHEET NO. 15 OF 35 SHEETS | STA. 121+00.00 TO STA. 121+77.41

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	140

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	16	CUT	12	CUT	0
FILL	7	FILL	3	FILL	0
EX_TOPSOIL	8	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	18	CUT	11	CUT	0
FILL	3	FILL	3	FILL	0
EX_TOPSOIL	6	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	19	CUT	15	CUT	0
FILL	6	FILL	2	FILL	0
EX_TOPSOIL	7	EX_TOPSOIL	7	EX_TOPSOIL	0

FINAL SURVEY / ORIGINAL SURVEY

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NOTE BOOK	
NO.	

FILE NAME = Invalid expression'	USER NAME = CEComin	DESIGNED - MLB	REVISED -
		DRAWN - MLB	REVISED -
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	PLOT DATE = 5/18/2022	DATE -5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

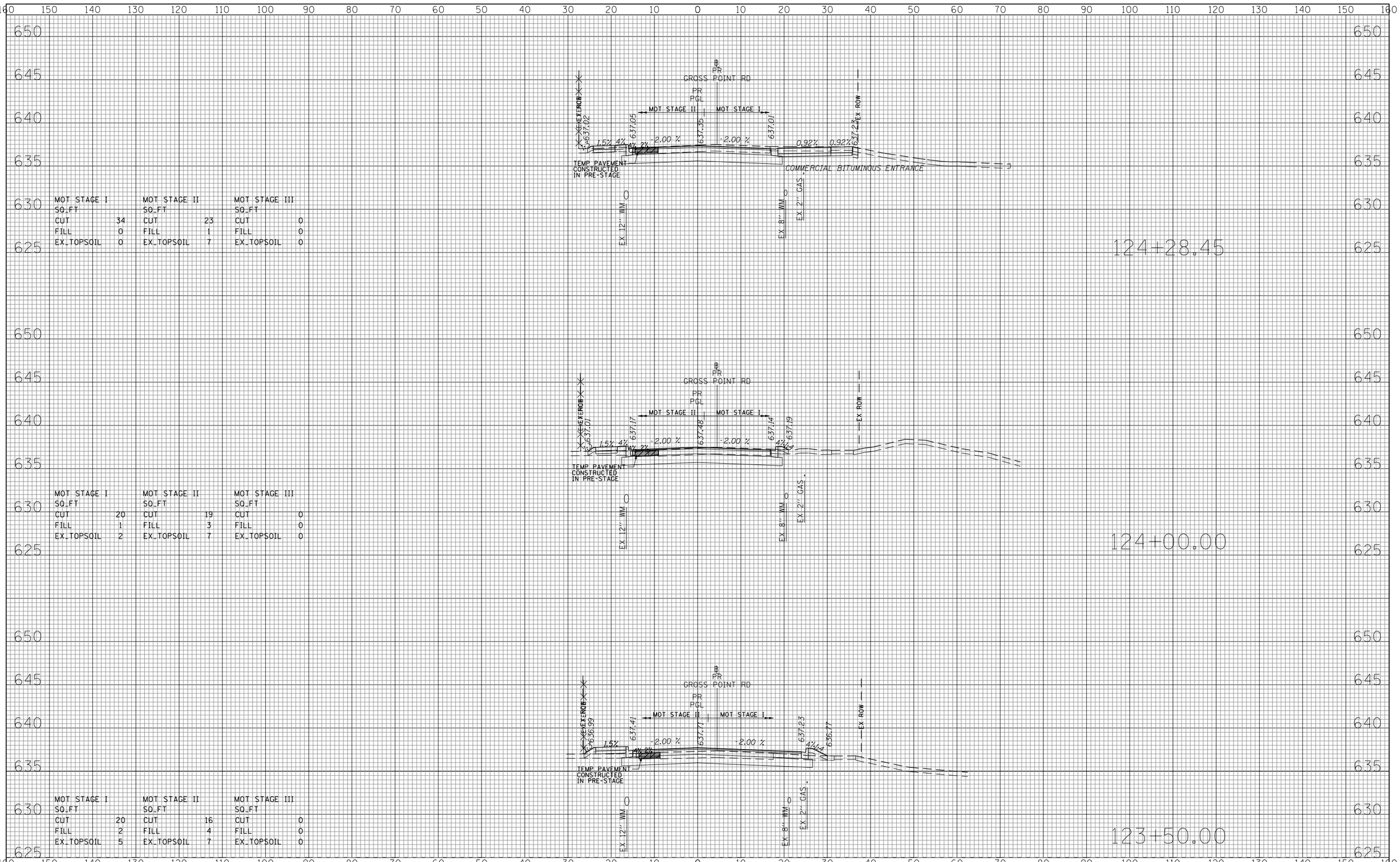
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 16 OF 35 SHEETS | STA. 122+00.00 TO STA. 123+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	141

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	34	CUT	23	CUT	0
FILL	0	FILL	1	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	20	CUT	19	CUT	0
FILL	1	FILL	3	FILL	0
EX_TOPSOIL	2	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	20	CUT	16	CUT	0
FILL	2	FILL	4	FILL	0
EX_TOPSOIL	5	EX_TOPSOIL	7	EX_TOPSOIL	0

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

FILE NAME = Invalid expression'

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DESIGNED - MLB
DRAWN - MLB
CHECKED - DWB
DATE -5/20/2022

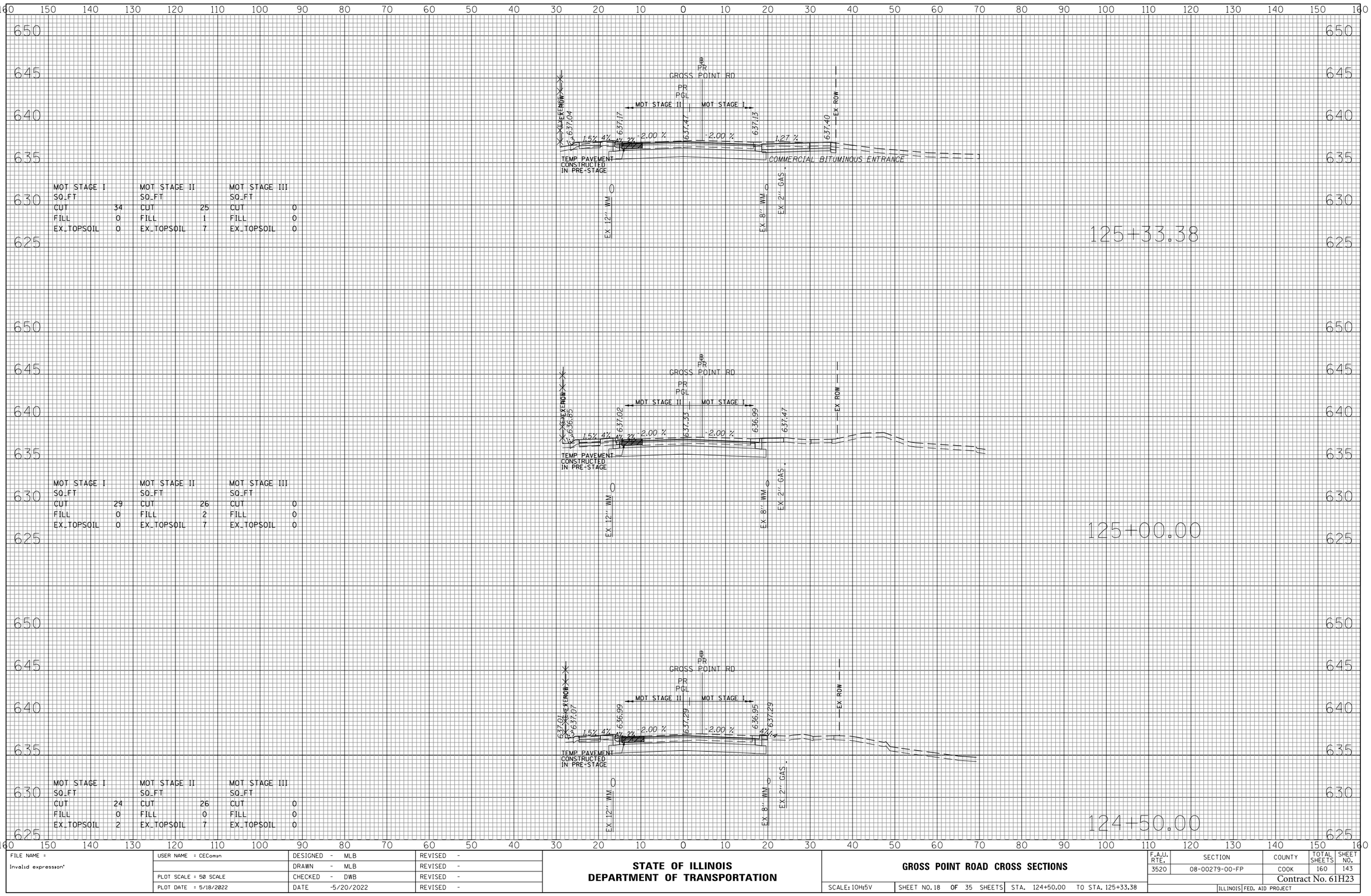
REVISED -
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 17 OF 35 SHEETS | STA. 123+50.00 TO STA. 124+28.45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	142
		Contract No. 61H23		
		ILLINOIS FED. AID PROJECT		



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	34	CUT	25	CUT	0
FILL	0	FILL	1	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	29	CUT	26	CUT	0
FILL	0	FILL	2	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	24	CUT	26	CUT	0
FILL	0	FILL	0	FILL	0
EX_TOPSOIL	2	EX_TOPSOIL	7	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

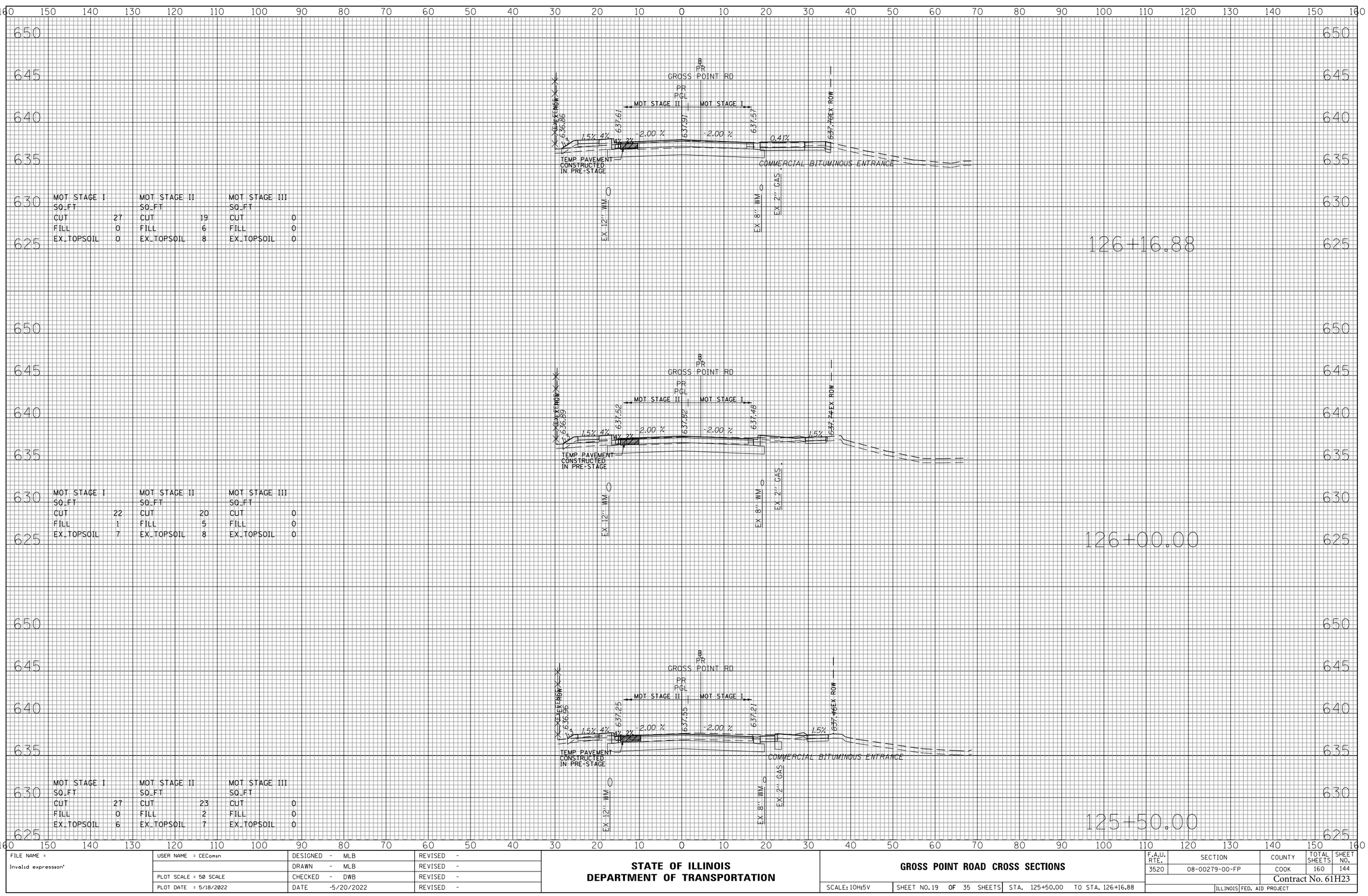
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 18 OF 35 SHEETS | STA. 124+50.00 TO STA. 125+33.38

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	143

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	27	CUT	19	CUT	0
FILL	0	FILL	6	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	8	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	22	CUT	20	CUT	0
FILL	1	FILL	5	FILL	0
EX_TOPSOIL	7	EX_TOPSOIL	8	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	27	CUT	23	CUT	0
FILL	0	FILL	2	FILL	0
EX_TOPSOIL	6	EX_TOPSOIL	7	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

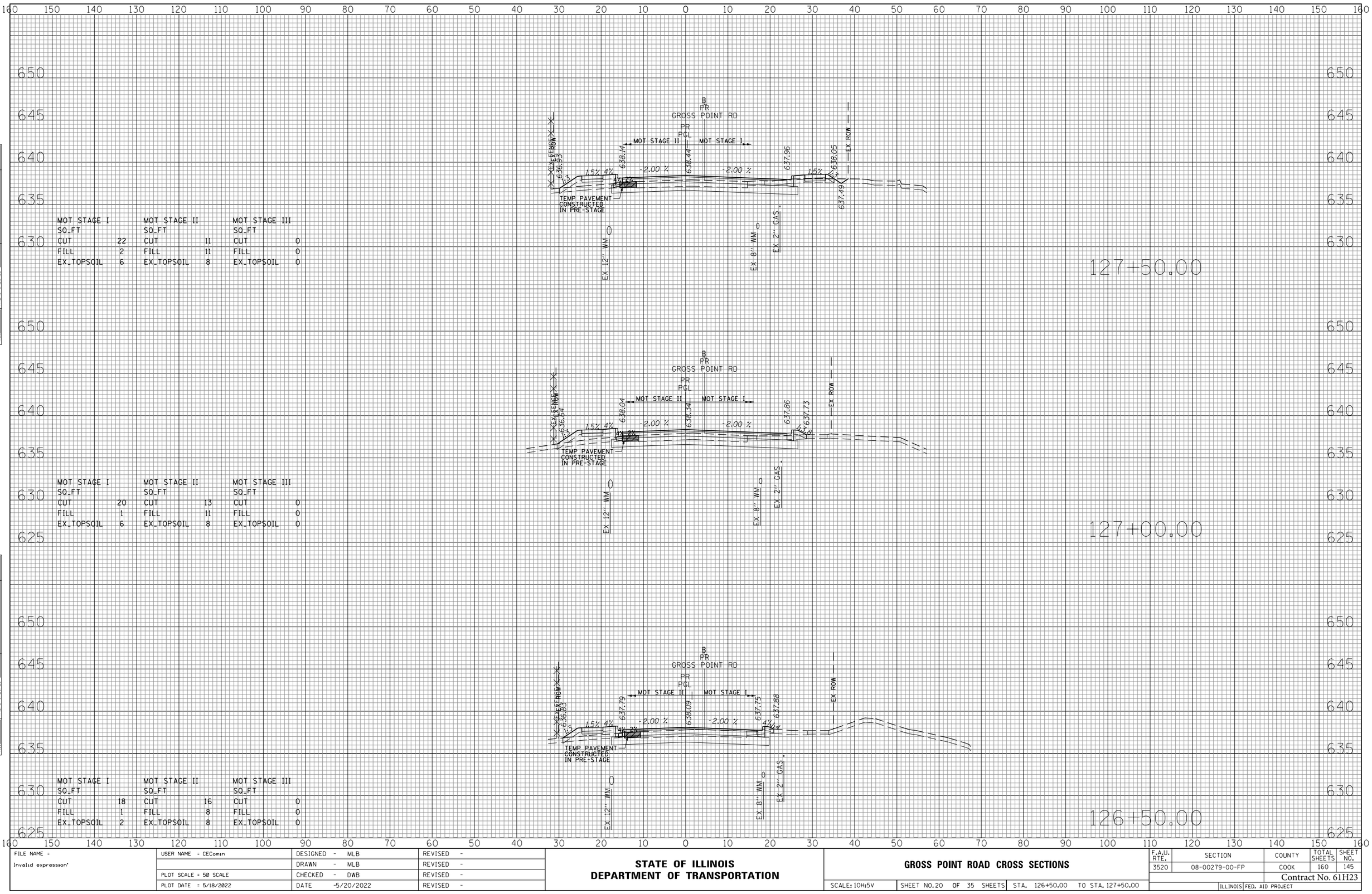
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 19 OF 35 SHEETS | STA. 125+50.00 TO STA. 126+16.88

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	144

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	22	CUT	11	CUT	0
FILL	2	FILL	11	FILL	0
EX_TOPSOIL	6	EX_TOPSOIL	8	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	20	CUT	13	CUT	0
FILL	1	FILL	11	FILL	0
EX_TOPSOIL	6	EX_TOPSOIL	8	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	18	CUT	16	CUT	0
FILL	1	FILL	8	FILL	0
EX_TOPSOIL	2	EX_TOPSOIL	8	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD CROSS SECTIONS

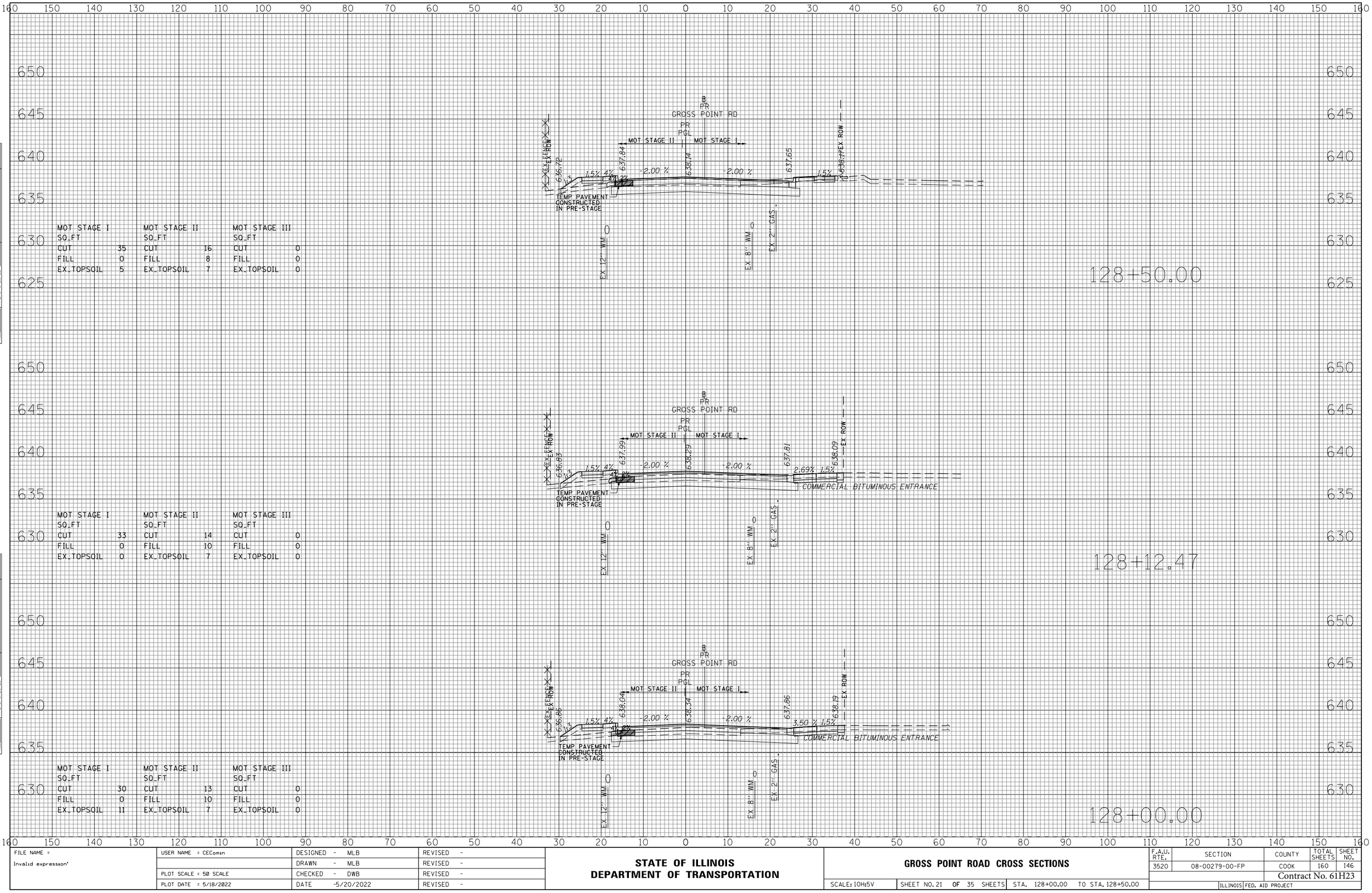
SCALE: 10H:5V | SHEET NO. 20 OF 35 SHEETS | STA. 126+50.00 TO STA. 127+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	145

Contract No. 61H23

ILLINOIS FED. AID PROJECT

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	35	CUT	16	CUT	0
FILL	0	FILL	8	FILL	0
EX_TOPSOIL	5	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	33	CUT	14	CUT	0
FILL	0	FILL	10	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	30	CUT	13	CUT	0
FILL	0	FILL	10	FILL	0
EX_TOPSOIL	11	EX_TOPSOIL	7	EX_TOPSOIL	0

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

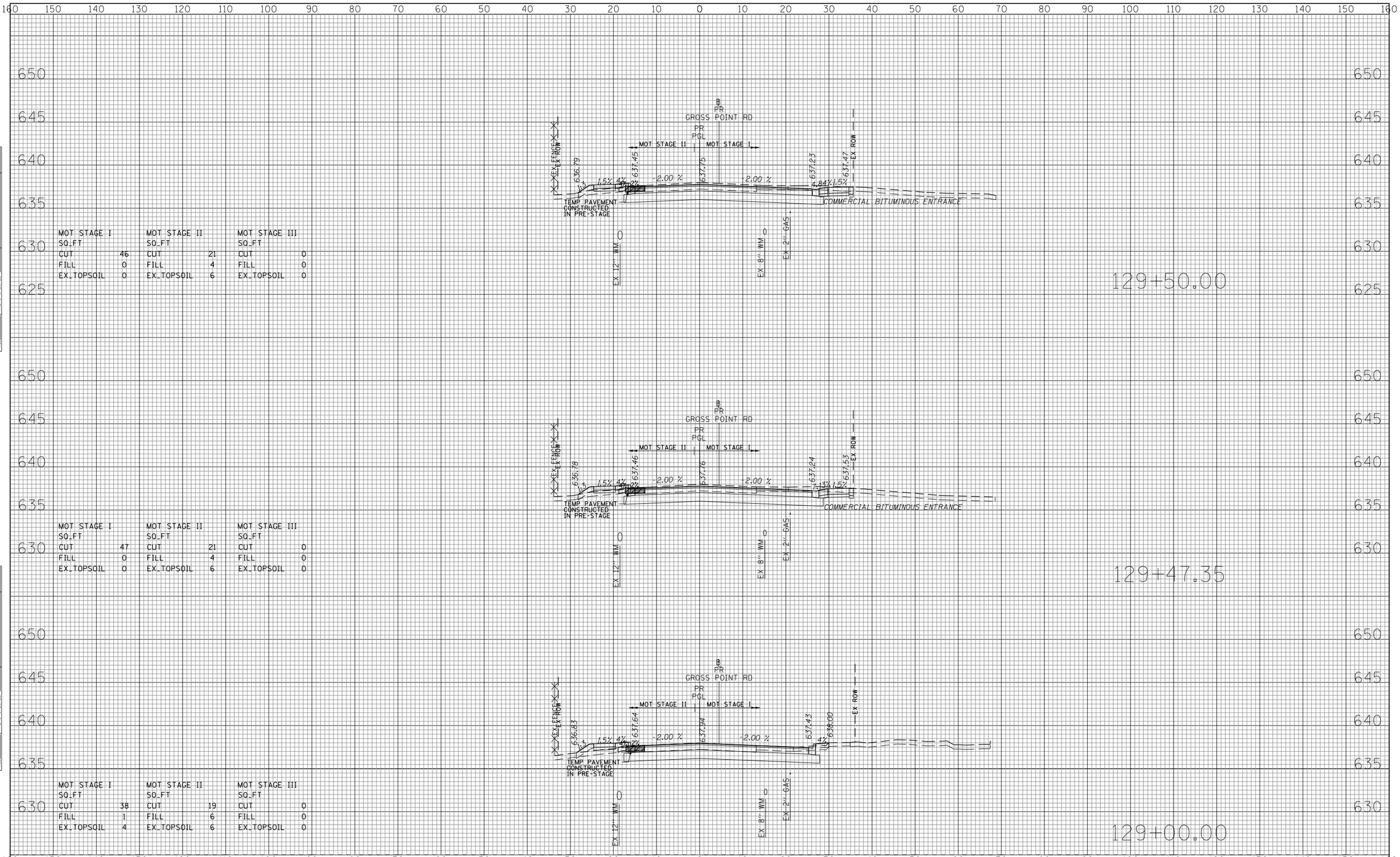
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	PLOT DATE = 5/18/2022	DATE -5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 21 OF 35 SHEETS | STA. 128+00.00 TO STA. 128+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	146
			Contract No. 61H23	
		ILLINOIS	FED. AID PROJECT	



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	46	CUT	21	CUT	0
FILL	0	FILL	4	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	6	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	47	CUT	21	CUT	0
FILL	0	FILL	4	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	6	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	38	CUT	19	CUT	0
FILL	1	FILL	6	FILL	0
EX_TOPSOIL	4	EX_TOPSOIL	6	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FILE NAME = Invalid expression'	USER NAME = CEComin	DESIGNED - MLB	REVISED -
		DRAWN - MLB	REVISED -
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	PLOT DATE = 5/18/2022	DATE -5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

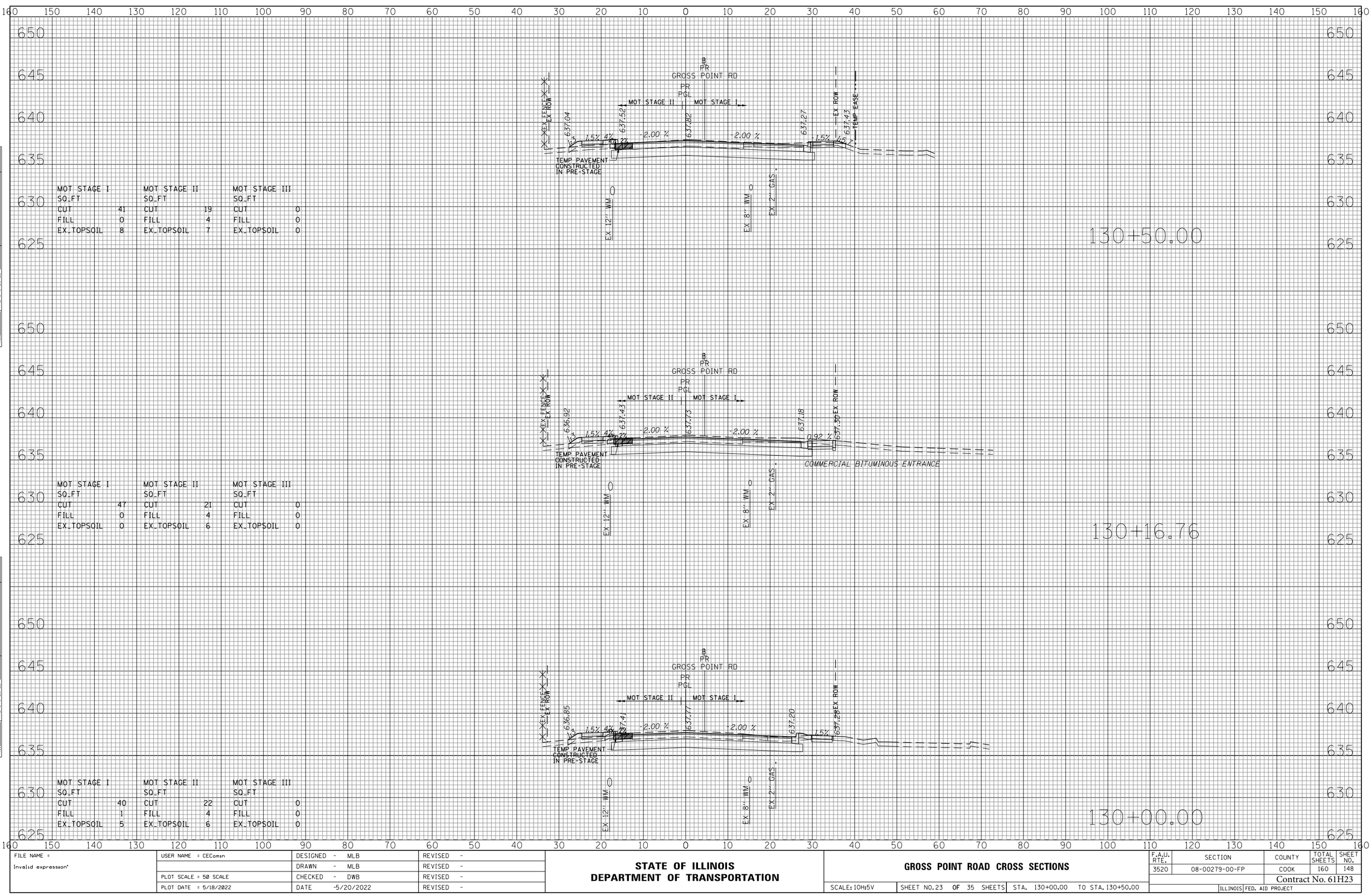
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 22 OF 35 SHEETS | STA. 129+00.00 TO STA. 129+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	147

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	41	CUT	19	CUT	0
FILL	0	FILL	4	FILL	0
EX_TOPSOIL	8	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	47	CUT	21	CUT	0
FILL	0	FILL	4	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	6	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	40	CUT	22	CUT	0
FILL	1	FILL	4	FILL	0
EX_TOPSOIL	5	EX_TOPSOIL	6	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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		DRAWN - MLB	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

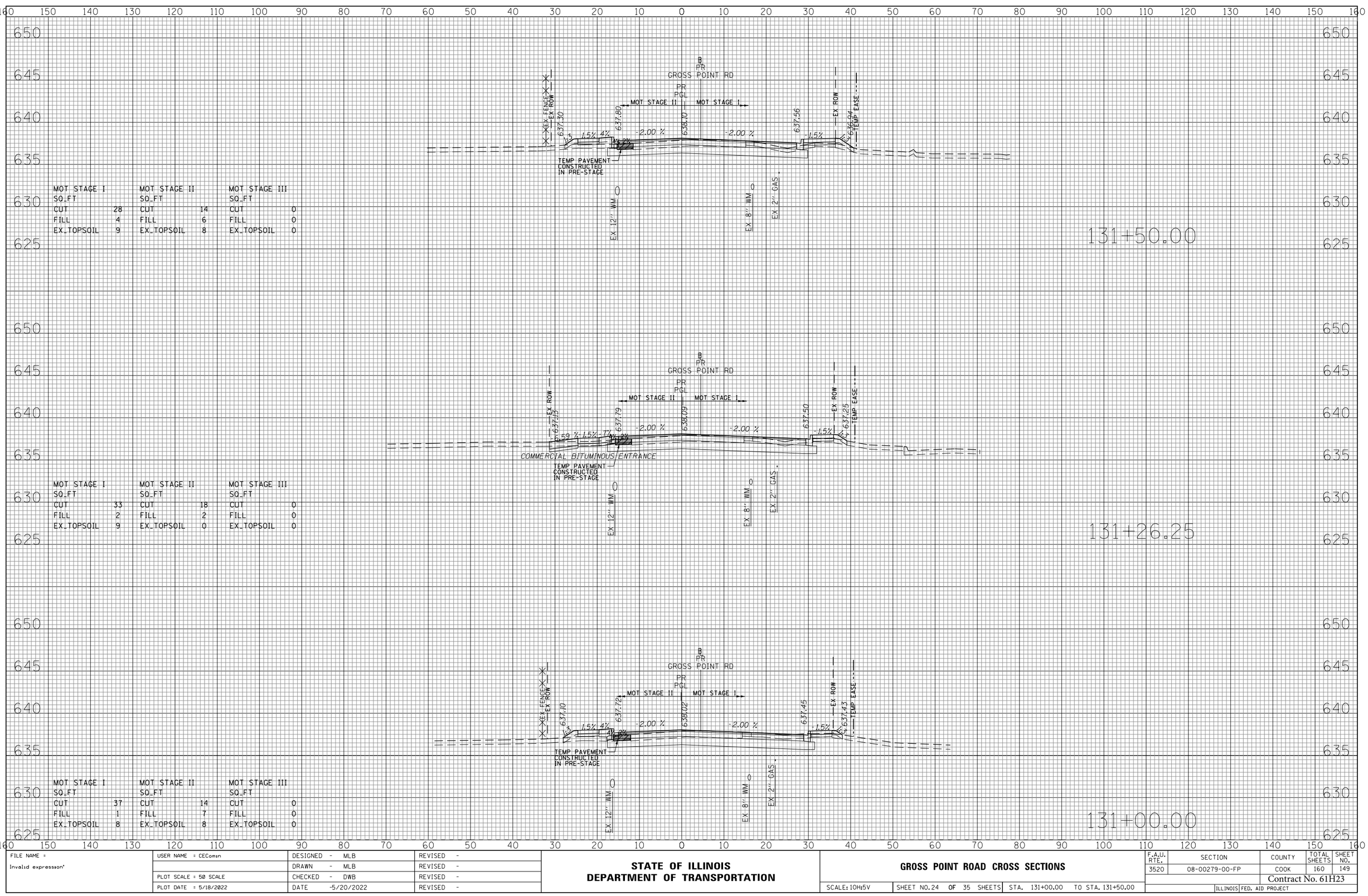
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 23 OF 35 SHEETS | STA. 130+00.00 TO STA. 130+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	148

Contract No. 61H23

ILLINOIS FED. AID PROJECT



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

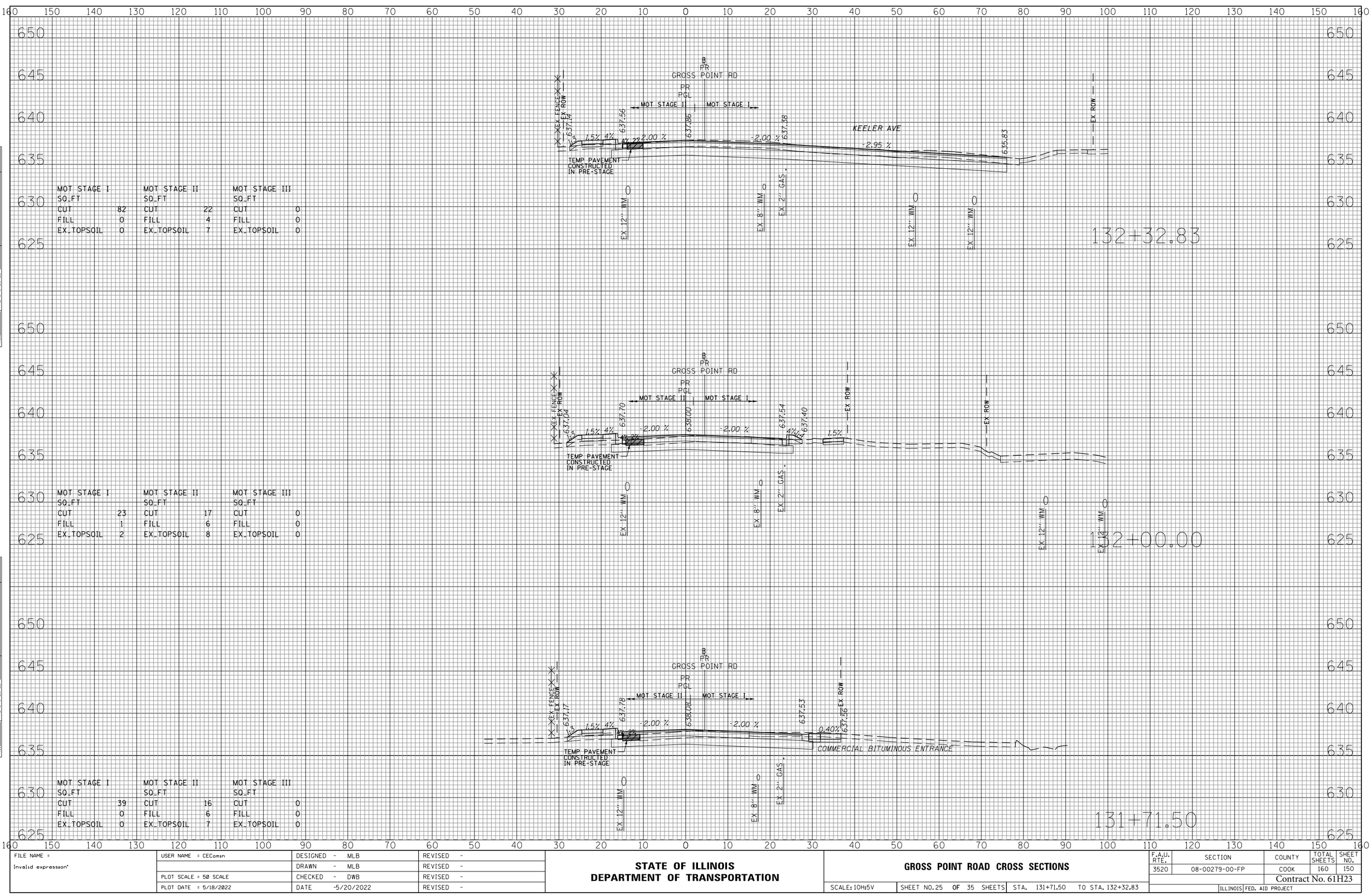
GROSS POINT ROAD CROSS SECTIONS

SCALE: 1OH:5V | SHEET NO. 24 OF 35 SHEETS | STA. 131+00.00 | TO STA. 131+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	149

Contract No. 61H23

ILLINOIS | FED. AID PROJECT



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

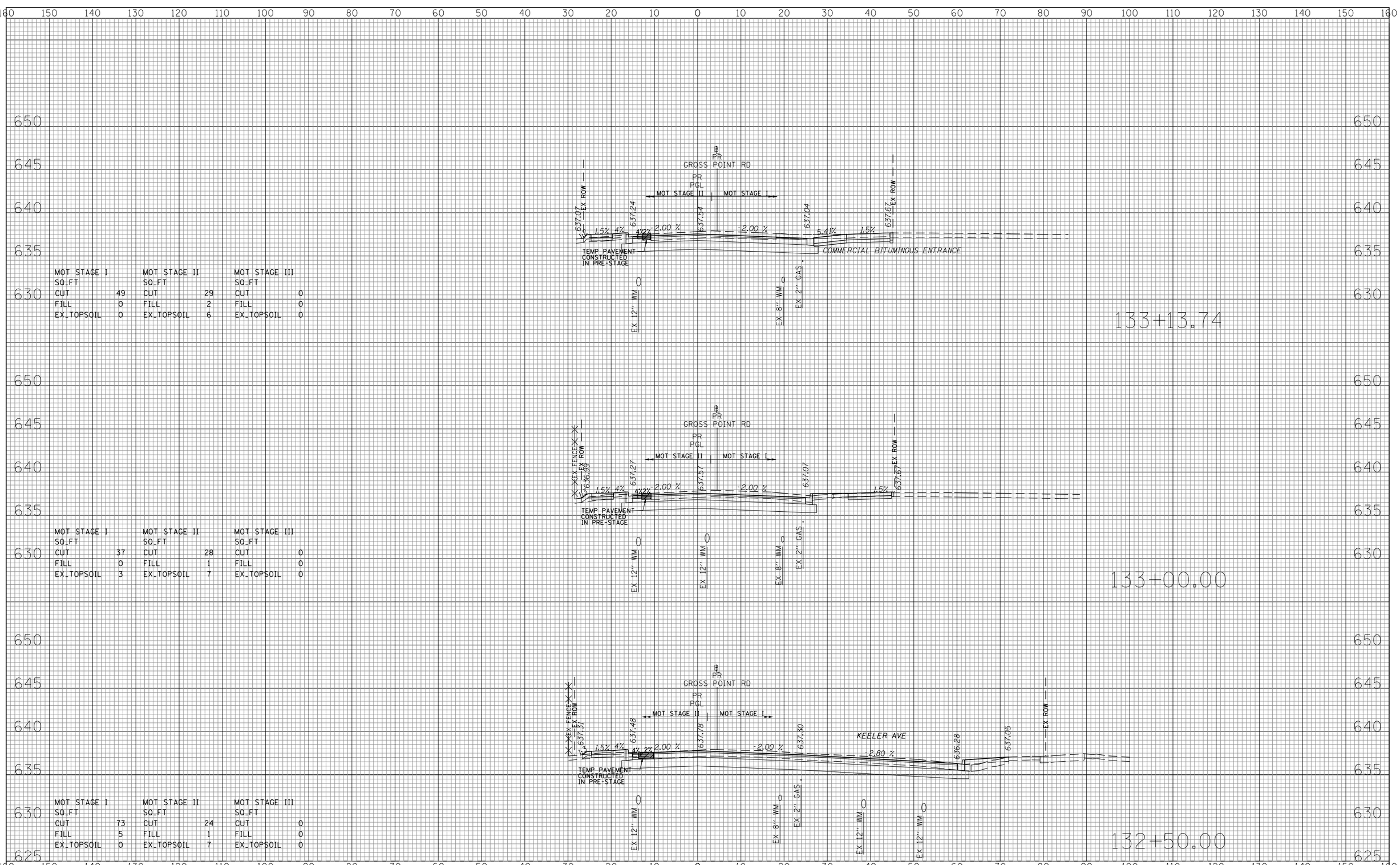
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 25 OF 35 SHEETS | STA. 131+71.50 TO STA. 132+32.83

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	150

Contract No. 61H23

ILLINOIS FED. AID PROJECT



FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

FILE NAME = Invalid expression'
USER NAME = CEComin
PLOT SCALE = 50 SCALE
PLOT DATE = 5/18/2022

DESIGNED - MLB
DRAWN - MLB
CHECKED - DWB
DATE -5/20/2022

REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

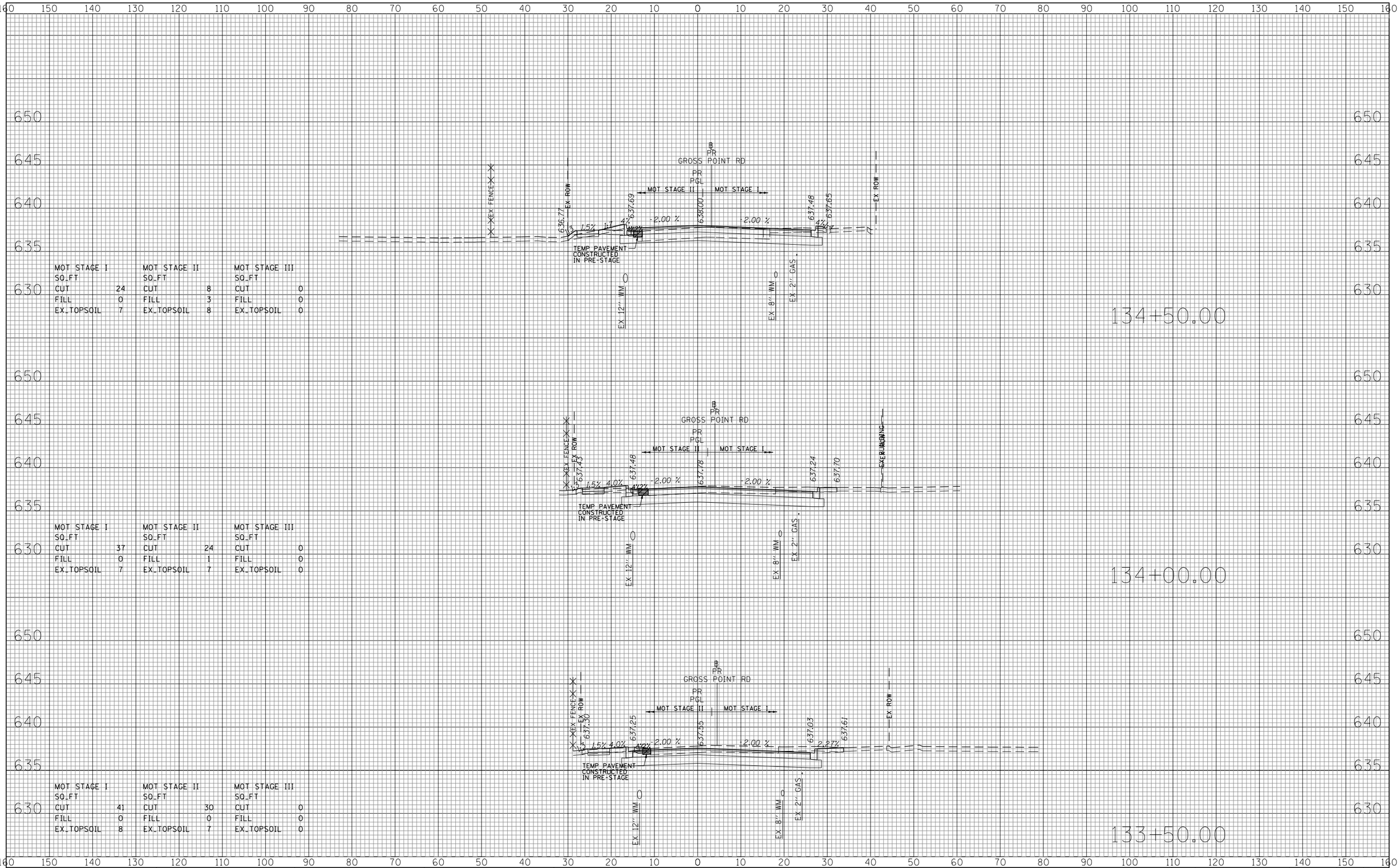
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 26 OF 35 SHEETS | STA. 132+50.00 TO STA. 133+13.74

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	151

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	24	CUT	8	CUT	0
FILL	0	FILL	3	FILL	0
EX_TOPSOIL	7	EX_TOPSOIL	8	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	37	CUT	24	CUT	0
FILL	0	FILL	1	FILL	0
EX_TOPSOIL	7	EX_TOPSOIL	7	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	41	CUT	30	CUT	0
FILL	0	FILL	0	FILL	0
EX_TOPSOIL	8	EX_TOPSOIL	7	EX_TOPSOIL	0

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

FILE NAME = Invalid expression'	USER NAME = CEComin	DESIGNED - MLB	REVISED -
		DRAWN - MLB	REVISED -
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	PLOT DATE = 5/18/2022	DATE -5/20/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

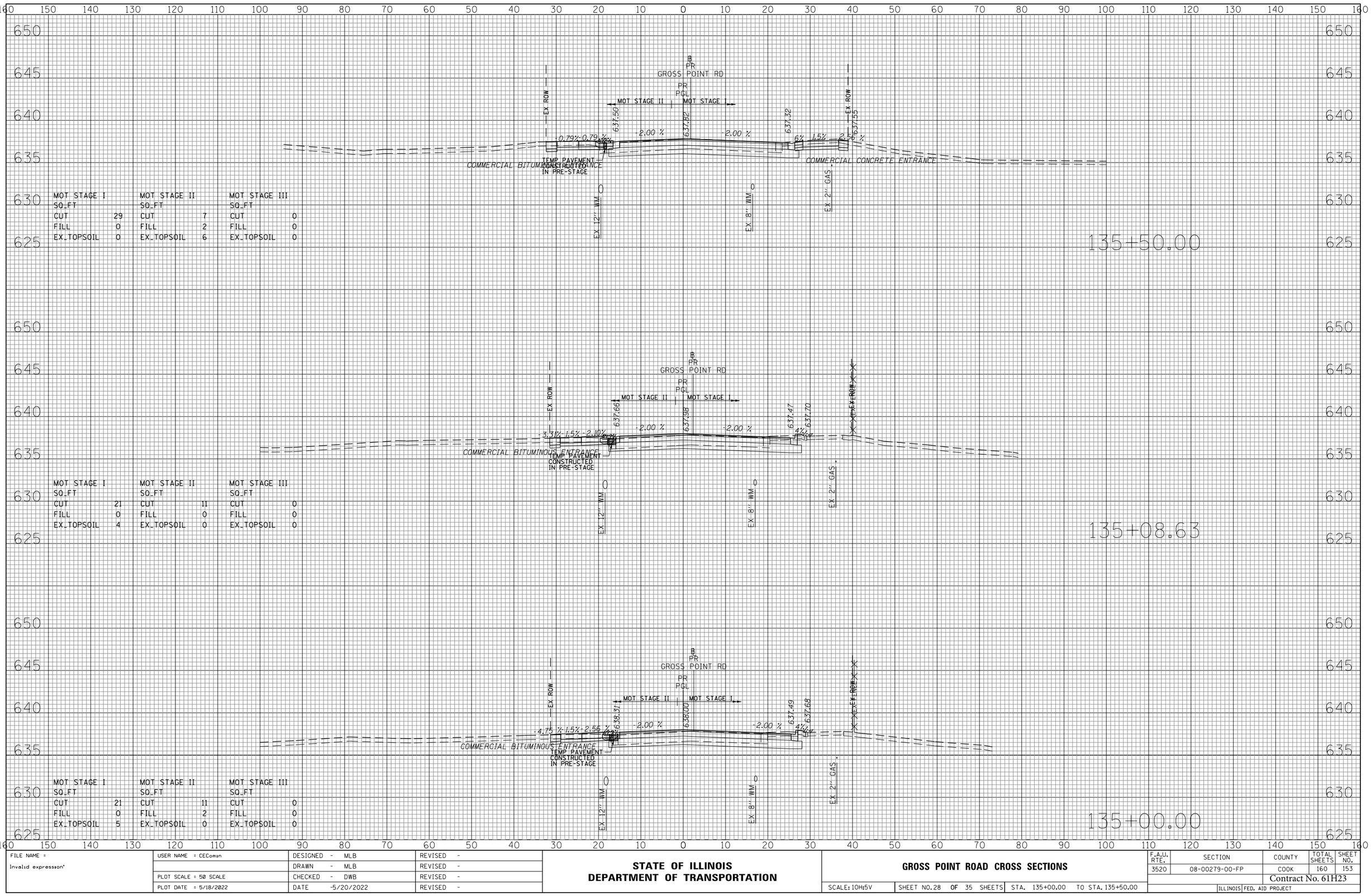
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 27 OF 35 SHEETS | STA. 133+50.00 TO STA. 134+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	152

Contract No. 61H23

ILLINOIS FED. AID PROJECT



FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

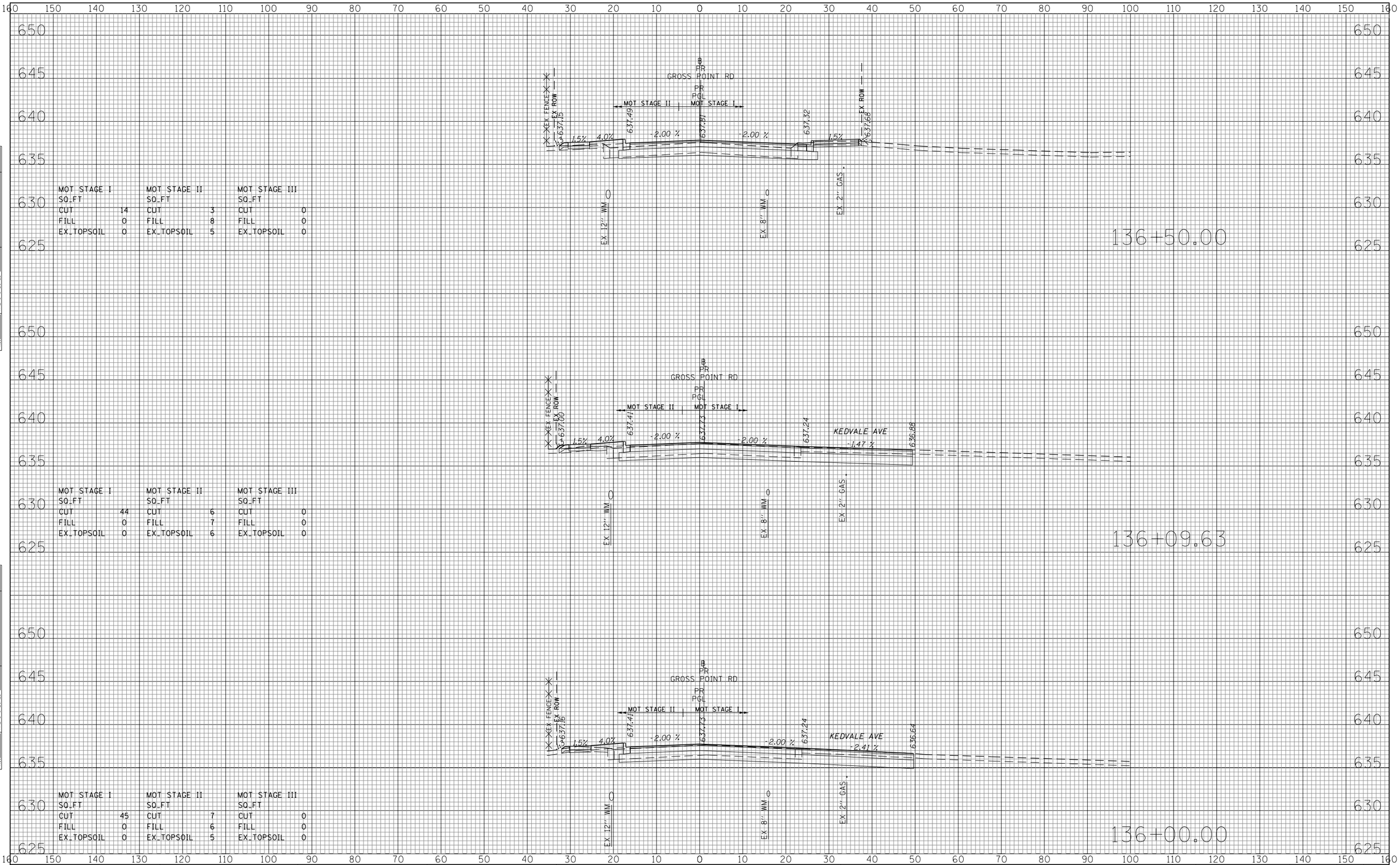
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 28 OF 35 SHEETS | STA. 135+00.00 TO STA. 135+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	153

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	14	CUT	3	CUT	0
FILL	0	FILL	8	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	5	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	44	CUT	6	CUT	0
FILL	0	FILL	7	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	6	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	45	CUT	7	CUT	0
FILL	0	FILL	6	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	5	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

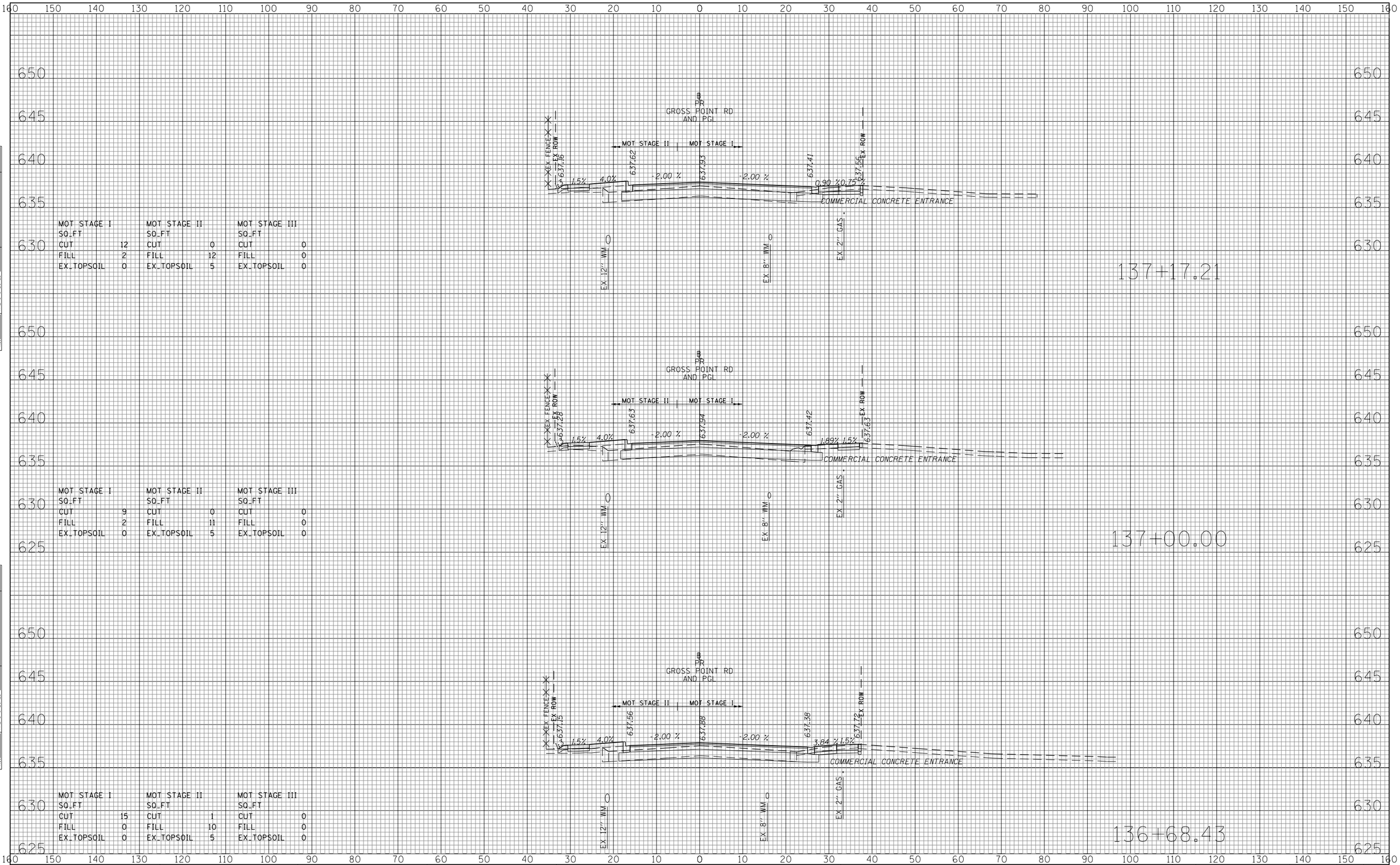
GROSS POINT ROAD CROSS SECTIONS

SCALE: 1"=10'H:5'V | SHEET NO. 29 OF 35 SHEETS | STA. 136+00.00 TO STA. 136+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	154

Contract No. 61H23

ILLINOIS FED. AID PROJECT



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	12	CUT	0	CUT	0
FILL	2	FILL	12	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	5	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	9	CUT	0	CUT	0
FILL	2	FILL	11	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	5	EX_TOPSOIL	0

MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	15	CUT	1	CUT	0
FILL	0	FILL	10	FILL	0
EX_TOPSOIL	0	EX_TOPSOIL	5	EX_TOPSOIL	0

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

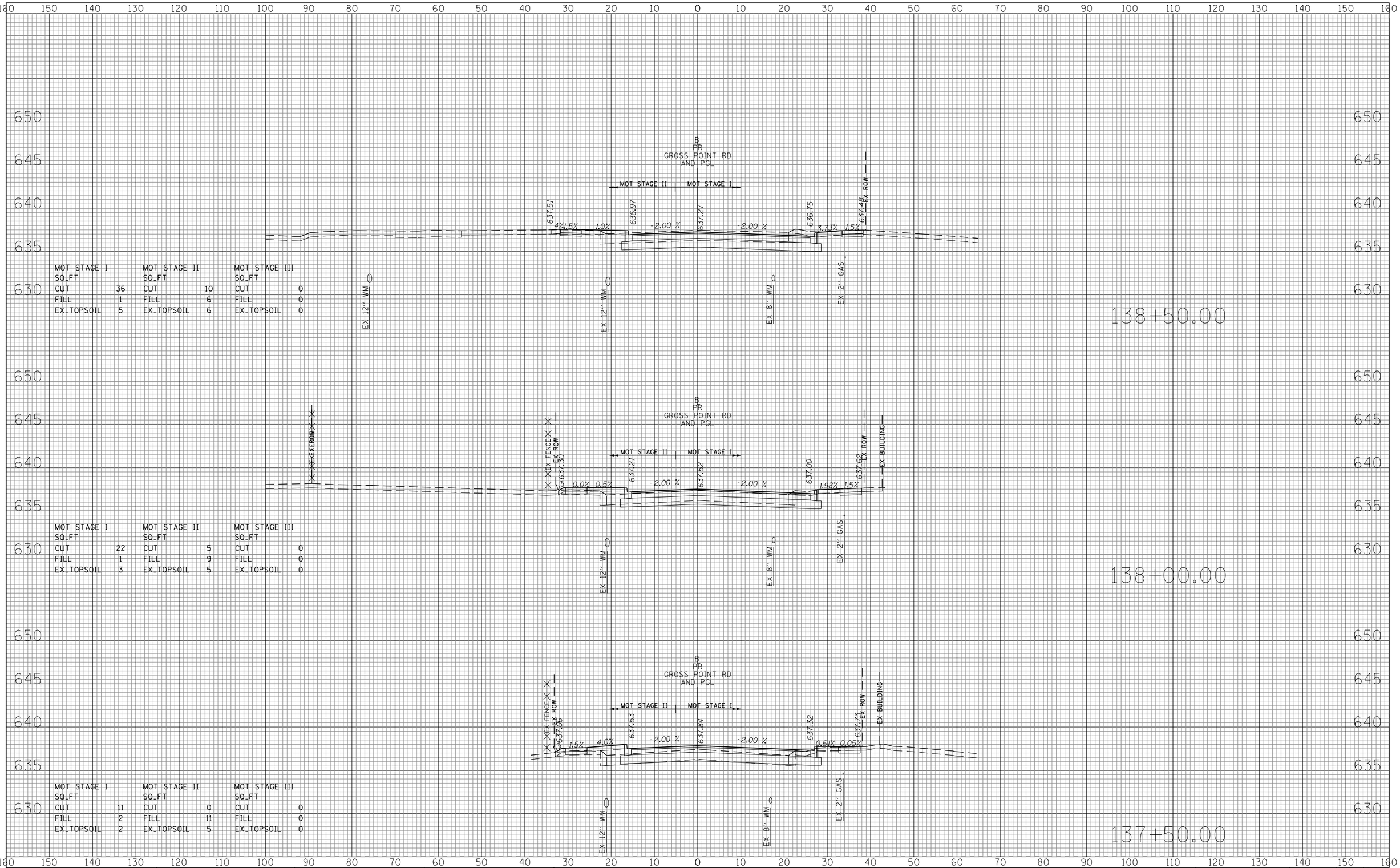
GROSS POINT ROAD CROSS SECTIONS

SCALE: 1"=10'H:5'V | SHEET NO. 30 OF 35 SHEETS | STA. 136+68.43 | TO STA. 137+17.21

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	155

Contract No. 61H23

ILLINOIS FED. AID PROJECT



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

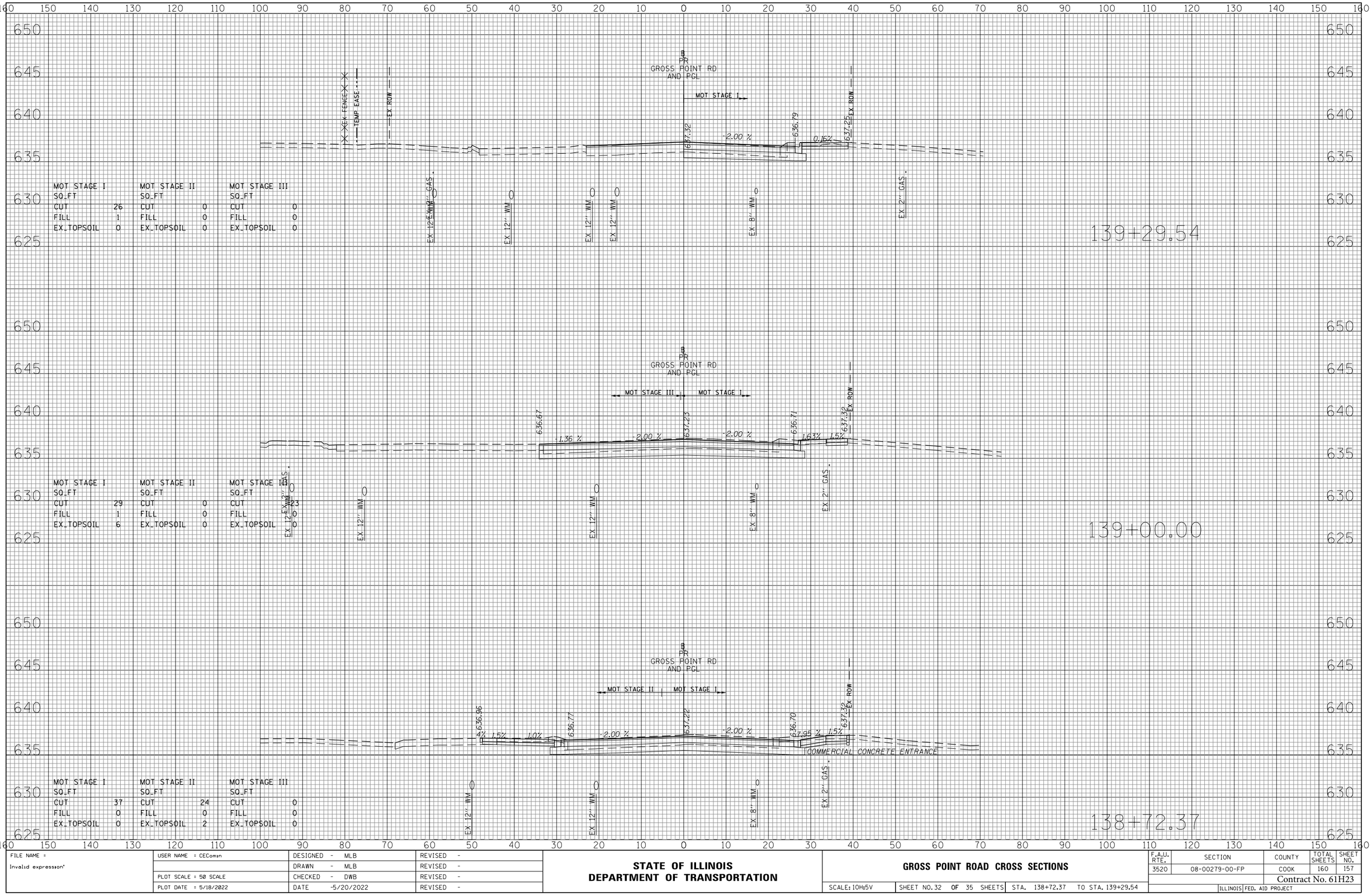
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 31 OF 35 SHEETS | STA. 137+50.00 TO STA. 138+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	156

Contract No. 61H23

ILLINOIS FED. AID PROJECT



FINAL SURVEY

NO.	NOTE BOOK	BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY

NO.	NOTE BOOK	BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

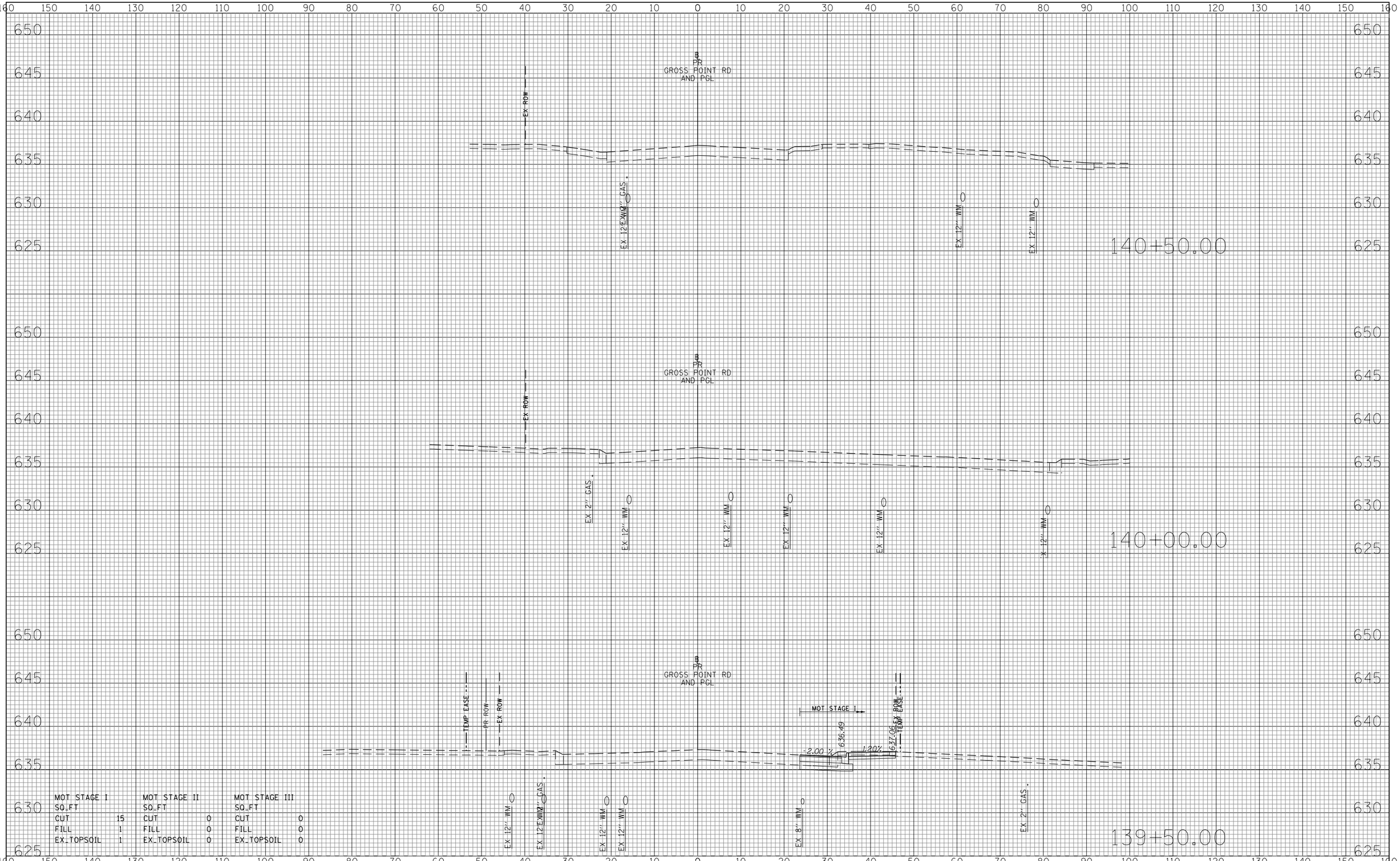
GROSS POINT ROAD CROSS SECTIONS

SCALE: 1OH:5V | SHEET NO. 32 OF 35 SHEETS | STA. 138+72.37 | TO STA. 139+29.54

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	157
			Contract No. 61H23	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



MOT STAGE I		MOT STAGE II		MOT STAGE III	
SQ_FT		SQ_FT		SQ_FT	
CUT	15	CUT	0	CUT	0
FILL	1	FILL	0	FILL	0
EX_TOPSOIL	1	EX_TOPSOIL	0	EX_TOPSOIL	0

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

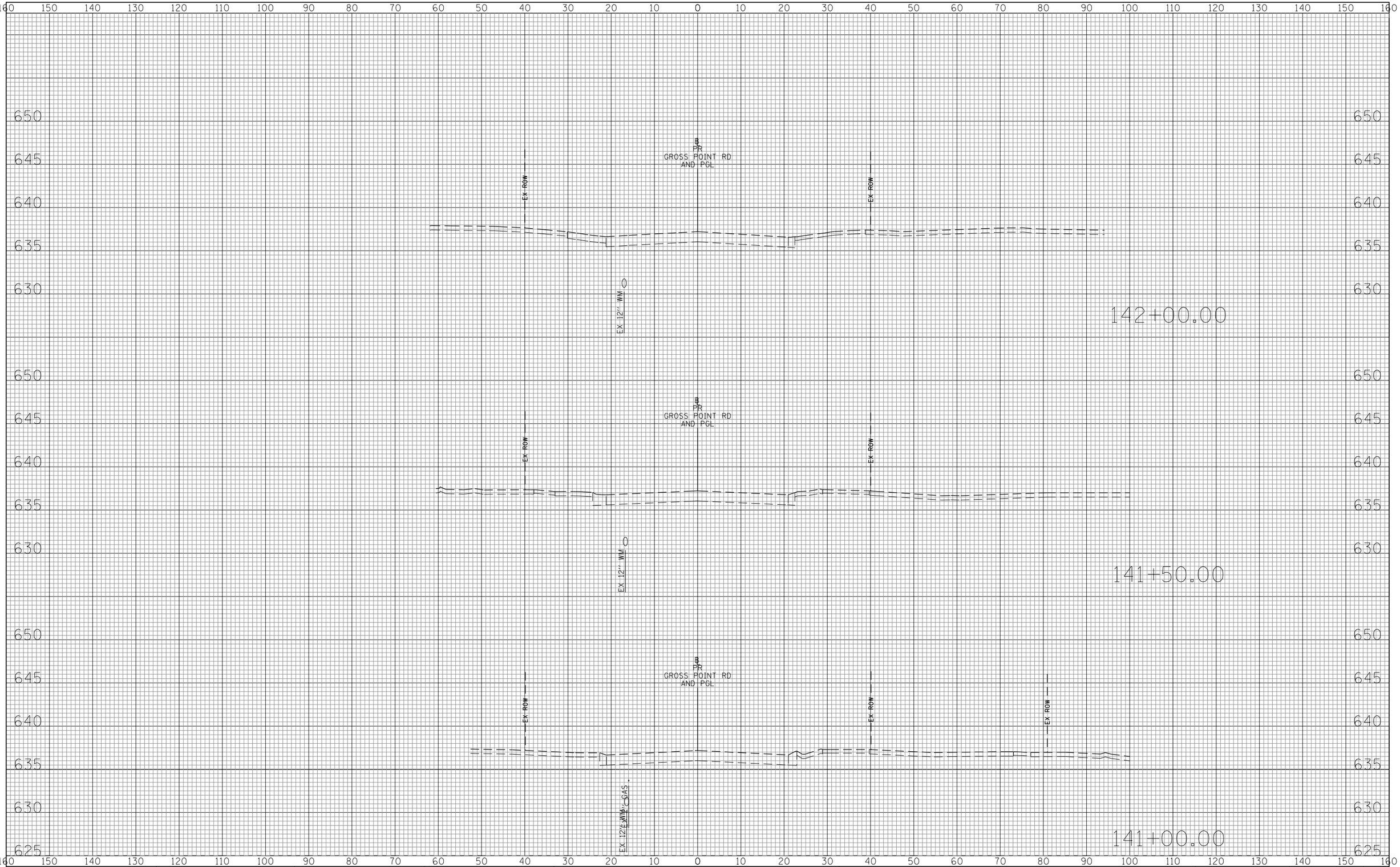
GROSS POINT ROAD CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 33 OF 35 SHEETS | STA. 139+50.00 TO STA. 140+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	158
		Contract No. 61H23		
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	



FILE NAME =	USER NAME = CEComin	DESIGNED - MLB	REVISED -
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	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 CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 34 OF 35 SHEETS | STA. 141+00.00 TO STA. 142+00.00

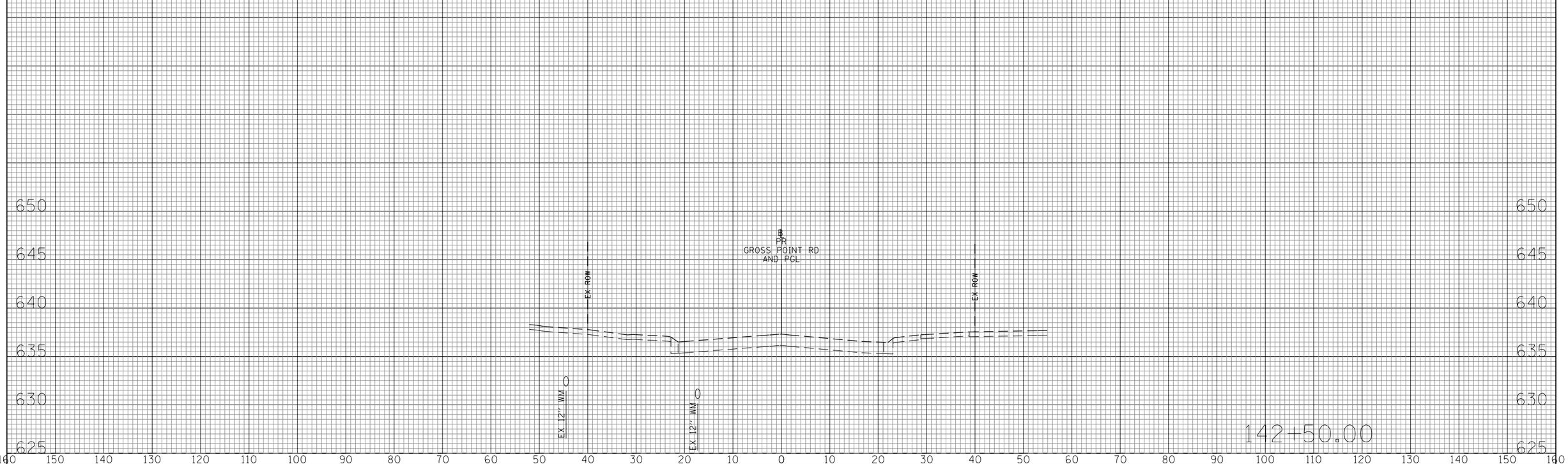
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3520	08-00279-00-FP	COOK	160	159

Contract No. 61H23

ILLINOIS FED. AID PROJECT

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	



FILE NAME = Invalid expression'	USER NAME = CEComin	DESIGNED - MLB	REVISED -
		DRAWN - MLB	REVISED -
	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 CROSS SECTIONS

SCALE: 10H:5V | SHEET NO. 35 OF 35 SHEETS | STA. 142+50.00 TO STA. 142+50.00

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