

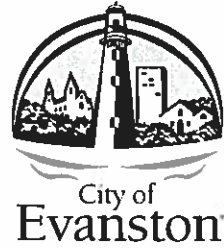
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	1
		ILLINOIS	CONTRACT NO. 61K60	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

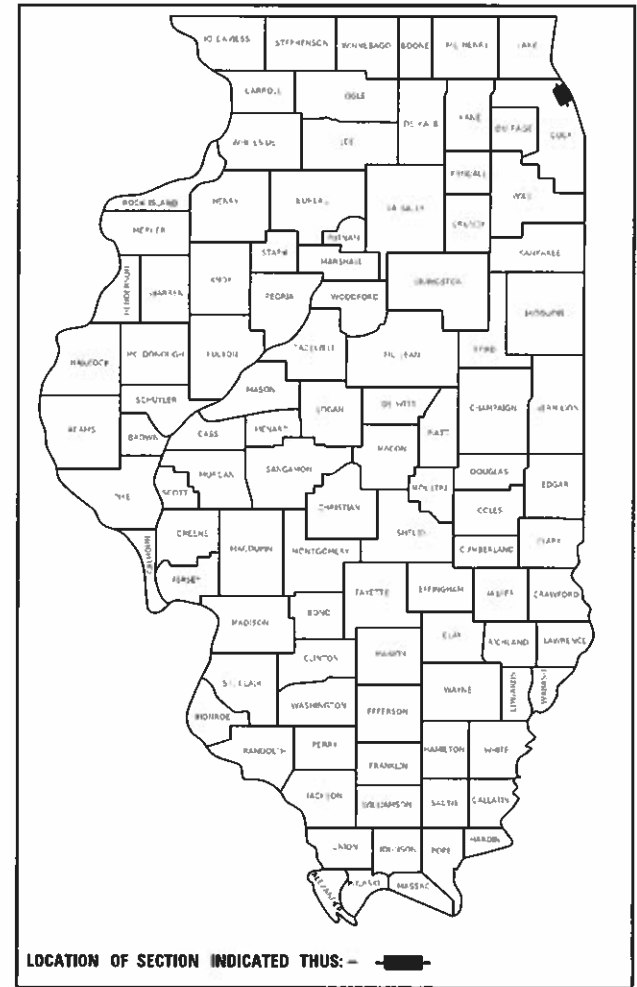
FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL
2022 AADT = 8,250 - 10,150



PROPOSED
HIGHWAY PLANS

FAU ROUTE 2744 (GREEN BAY ROAD)
SECTION 19-00285-00-RS
PROJECT IKT1(871)
RESURFACING AND TRAFFIC SIGNAL IMPROVEMENTS
COOK COUNTY

C-91-169-21



Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.

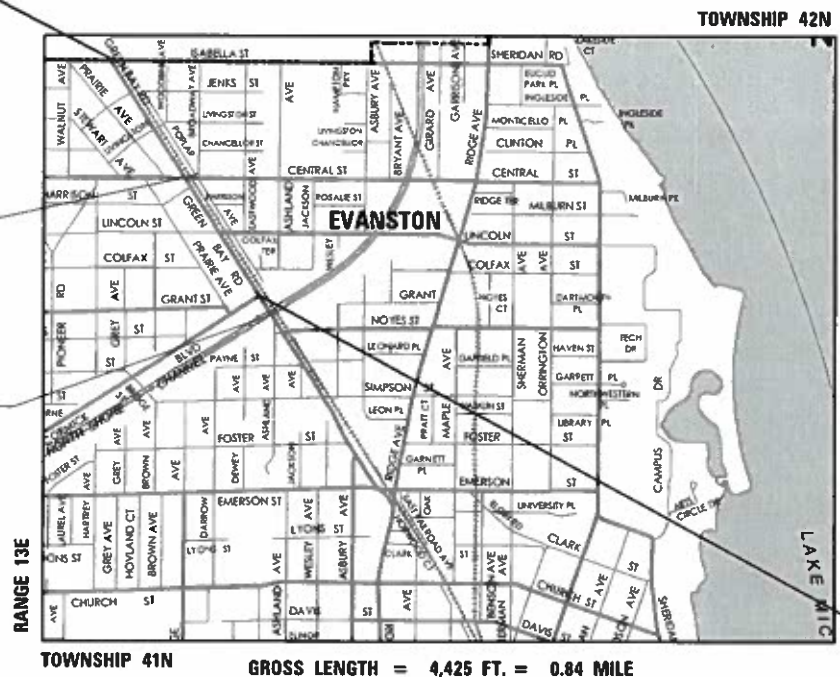
P (708) 588-4055
E WMOJobStart@mwr.org

THE PROJECT SHALL MEET BUILD AMERICA, BUY AMERICA (BABA) ACT.

END IMPROVEMENT
STA 1242 + 04.55

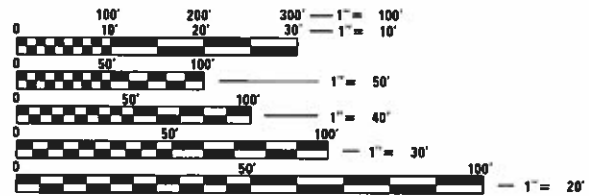
SN 016-9902

SN 016-0289



BEGIN IMPROVEMENT
STA 1203 + 18.50

GROSS LENGTH = 4,425 FT. = 0.84 MILE
NET LENGTH = 4,425 FT. = 0.84 MILE



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

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

EVANSTON SR. PROJECT MANAGER: SAT NAGAR, P.E.

CONSULTANT PROJECT ENGINEER: ADAM KUCHARSKI, P.E.
CONSULTANT PROJECT MANAGER: SAGAR SONAR, P.E.

CONTRACT NO. 61K60

CITY OF EVANSTON
SATHYSHA NAGAR, P.E.
#062-049372

DATE: 6-10-2024
EXPIRATION DATE: 11-30-2025

KIMLEY-HORN & ASSOCIATES, INC.
SAGAR R. SONAR, P.E.
#062-061304

DATE: 6-10-2024
EXPIRATION DATE: 11-30-2025

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED _____ JULY 25, 2024
CITY OF EVANSTON, SENIOR PROJECT MANAGER

PASSED _____ July 26, 2024
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW _____ July 26, 2024
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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

INDEX OF SHEETS

SHT NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND COMMITMENTS
3	GENERAL NOTES
4	MWRD GENERAL NOTES
5 - 22	SUMMARY OF QUANTITIES
23 - 27	TYPICAL SECTIONS
28	ALIGNMENT AND TIES
29 - 30	REMOVAL PLANS
31 - 32	TREE REMOVAL AND PROTECTION PLAN
33 - 38	ROADWAY PLANS AND PROFILES
39 - 50	MAINTENANCE OF TRAFFIC PLANS
51 - 52	EROSION CONTROL PLAN
53 - 55	DRAINAGE PLANS
56 - 57	MWRD STANDARD DETAILS
58	MWRD SEWAGE ROUTING MAP
59	CITY OF EVANSTON DRAINAGE DETAILS
60 - 68	WATER MAIN IMPROVEMENT PLANS
69 - 73	MWRD REFERENCE DRAWINGS
74 - 104	INTERSECTION RAMP DETAILS
105 - 106	PAVEMENT MARKING PLANS
107 - 110	SIGNING PLANS
111 - 122	LANDSCAPE PLANS TRAFFIC SIGNAL PLANS

SHT NO.	LOCATION NO.	INTERSECTION NAME
123	1	GREEN BAY RD AT MCCORMICK BLVD
124 - 129	2	GREEN BAY RD AT LINCOLN ST
130 - 135	3	GREEN BAY RD AT CENTRAL ST
136 - 140	4	GREEN BAY RD AT LIVINGSTON ST
141 - 143	5	GREEN BAY RD AT ISABELLA ST

SHT NO.	DESCRIPTION
144 - 145	INTERCONNECT PLAN
146	LIGHTING GENERAL NOTES AND LEGEND
147 - 149	TEMPORARY LIGHTING PLAN
150 - 152	LIGHTING PLAN
153	LIGHTING SCHEMATIC
154 - 160	LIGHTING DETAILS
161 - 167	DISTRICT 1 TRAFFIC SIGNAL DETAILS
168 - 176	IDOT DISTRICT 1 DETAILS
177 - 191	CROSS SECTOINS

IDOT STANDARD DETAILS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN, TYPE A
602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE, TYPE A, 4' DIAMETER
604001-05	FRAMES AND LIDS, TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
825001-04	LIGHTING CONTROLLER, POLE MOUNTED, 240V
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

IDOT DISTRICT ONE STANDARD DETAILS

TS-05	DISTRICT ONE STANDARD TRAFFIC SIGNAL DETAILS
TS-07	DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
BD-02	DRIVEWAY DETAIL - DISTANCE BETWEEN ROW AND FACE OF CURB GREATER THAN 15' (4.5M)
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINTS AND HMA TAPER
BD-36	FIRE HYDRANT TO BE MOVED
BE-300	LIGHT POLE FOUNDATION 30' TO 35' MOUNTING HEIGHT

COMMITMENTS

- TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.

MODEL: Default
 FILE: h:\mhc\p\w\hantley\com\hantley\p\p\01\Documents\01_Active Projects\MW\CHS-168112005 - Green Bay Road - Phase 1B2_Design\CADD\Plan_Sheets\168112005-sht-generates-01_KHA



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
	DRAWN - KKH	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED - SRS	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, COMMITMENTS
GREEN BAY ROAD

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	2
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. GENERAL
 - a. ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JAN 1, 2024; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE DETAILS IN THESE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
 - b. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES, AND IDOT.
 - c. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. THE STORAGE OF EQUIPMENT OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL CONTACT THE CITY OF EVANSTON PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO ANY WORK IN ORDER TO OBTAIN CITY UTILITY LOCATIONS.
 - d. THE CITY OF EVANSTON SHALL FIELD REVIEW AND APPROVE LOCATION OF SIGNAL POSTS AND CONTROLLERS.
 - e. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT PRESERVATION OF EXISTING TREES ON CITY OF EVANSTON STREETS IS OF UTMOST IMPORTANCE TO THE CITY. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT TREES AND NOT CAUSE ANY DAMAGE TO THEM.
 - f. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. WHERE NEW WORK IS PROPOSED TO MEET EXISTING FEATURES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD CHECK ALL DIMENSIONS AND ELEVATIONS AND NOTIFY THE ENGINEER OF DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.
 - g. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION, EXCEPT FOR BRIEF PERIODS OF INTERRUPTION. THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER NO LESS THAN 24 HOURS IN ADVANCE OF THE INTERRUPTION OF ACCESS AND/OR SERVICES. THE NOTIFICATION WILL INCLUDE THE TIME AND DURATION OF THE INTERRUPTION.
 - h. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
 - i. TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT FADI SULTAN, THE AREA TRAFFIC FIELD ENGINEER, AT FADI.SULTAN@ILLINOIS.GOV.
2. SURVEY
 - a. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED, THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
3. REMOVAL
 - a. ALL EXCESS MATERIAL SHALL BE DISPOSED OF OFFSITE ON THE DAY IT IS EXCAVATED OR REMOVED.
 - b. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN ORADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND LEGALLY DISPOSED OF OUTSIDE THE RIGHT-OF-WAY.
 - c. TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BE CONFIRMED WITH THE CITY FOR SALVAGE BEFORE REMOVING FROM THE PROJECT SITE. ITEMS DESIGNATED FOR SALVAGE BY THE CITY SHALL BE CAREFULLY REMOVED AND RETURNED TO THE CITY.
4. DRAINAGE
 - a. UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER.
 - b. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, CULVERTS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. THE CONTRACTOR SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE.

GENERAL NOTES (CONTINUED)

5. SIGNS
 - a. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH HIS/HER CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS ACCORDING TO ARTICLE 107.25 OF THE "STANDARD SPECIFICATIONS".
 - b. ALL UNUSED SIGNS SHALL BE RETURNED TO THE CITY.
 - c. LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
6. UTILITIES
 - a. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK.
 - b. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY ACCORDING TO THE SPECIAL PROVISIONS AND ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS". 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.
7. MISCELLANEOUS
 - a. GENERALLY, 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN ON THE PLANS.
 - b. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR 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 ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDINACE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
 - c. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
 - d. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
 - e. ANY AGGREGATE SUBGRADE CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
8. TRAFFIC CONTROL AND PROTECTION
 - a. NO WORK SHALL BEGIN UNTIL THE TRAFFIC CONTROL MEASURES ARE IN PLACE. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE TRAFFIC PROTECTION BY THE APPLICATION OF TRAFFIC CONTROL DEVICES ACCORDING TO THE "STANDARD AND SPECIFICATIONS" AND AS SHOWN ON THE PLANS.
 - b. THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS AT INTERSECTIONS FOR PEDESTRIANS AT ALL TIMES. WHERE SIDEWALK IS TO BE REMOVED, TEMPORARY HMA SIDEWALK SHALL BE PLACED WHEN PERMANENT PCC SIDEWALK WILL NOT BE INSTALLED AT THE END OF THE DAY.
 - c. ALL TEMPORARY CONSTRUCTION TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLUORESCENT ORANGE REFLECTIVE SHEETING.
 - d. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 6 INCH X 12 INCH DELINEATOR INSTALLED.
 - g. ROAD NAME PLATES SHALL BE INSTALLED ON THE "ROAD CONSTRUCTION AHEAD" SIGNS AT THE INTERSECTIONS SHOWN ON THIS TRAFFIC CONTROL PLAN. THE ROAD NAME PLATES SHALL BE 9 INCH BLANKS WITH 6 INCH UPPERCASE AND 4 1/2 INCH LOWERCASE LETTERING. THE ROAD NAME PLATES SHALL BE FURNISHED BY THE CONTRACTOR.
 - h. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS.

MODEL: Default FILE: h:\mhc\p\w\benby.com\h\p\w-01\Documents\01_Active Projects\WK-CUS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-sht-egenotes-03_KHA.dgn



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
	DRAWN - KKH	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED - SRS	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES
GREEN BAY ROAD**

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	3
CONTRACT NO. 61K60				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
 FILE: \\mchp\pub\pwbentley.com\shp\pwb-01\Documents\01 Active Projects\MK-CHS-168112005 - Green Bay Road - Phase II - Design\CADD\Plan Sheets\168112005-sht-geom-rev-03_K14-dgn

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 EVANSTON 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 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO WMOJOBSTART@MWRD.ORG).

2. THE VILLAGE OF EVANSTON ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.

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

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS $\frac{N}{A}$ FT.

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

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

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

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

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

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

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

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

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

D. SANITARY SEWER

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

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

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

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

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

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

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

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

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

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

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

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

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

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

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS; THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.

13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.

16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

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.

11. 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.

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

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

14. 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.

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

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

17. 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.

18. 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.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMANS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A 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.

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

21. 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.

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

23. 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.

TECHNICAL GUIDANCE MANUAL
 MWRD GENERAL NOTES

10/13/2022
 STD. DWG. NO.18
 PAGE NO. 19



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED - SRS	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD GENERAL NOTES	
GREEN BAY ROAD	
SCALE: NTS	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	4
CONTRACT NO. 61K60				
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
20101000	TEMPORARY FENCE	FOOT	180	180								
# 20101100	TREE TRUNK PROTECTION	EACH	68						68			
# 20101200	TREE ROOT PRUNING	EACH	21						21			
# 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20						20			
# 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5						5			
# 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	3						3			
# 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3						3			
# 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	3						3			
20200100	EARTH EXCAVATION	CU YD	1360	1360								
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1252	272						600	380	
20400800	FURNISHED EXCAVATION	CU YD	1360	1360								
20800150	TRENCH BACKFILL	CU YD	962	70						892		
20900110	POROUS GRANULAR BACKFILL	CU YD	360							360		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1048	1048								

- SPECIALTY ITEM

MODEL: Default
FILE: \\p1011005-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-sh-05-01_KVA



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - SRS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	5
				CONTRACT NO. 61K60
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1727						1727		
	21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	314	314							
	21301084	EXPLORATION TRENCH 84" DEPTH	FOOT	200						150	50	
#	25200110	SODDING, SALT TOLERANT	SQ YD	1727						1727		
#	25200200	SUPPLEMENTAL WATERING	UNIT	30						30		
	28000510	INLET FILTERS	UNIT	71	57					14		
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	200						200		
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	4192	4192							
	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	9						9		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2412	2412							
	35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	189	189							
	35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	54	54							
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	217	217							
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	111	111							

- SPECIALTY ITEM

MODEL Default
FILE Name: p:\ukh\p\kentley.com\khp-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-sht-06-01.dwg



USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2744	SECTION 19-00285-00-R5	COUNTY COOK	TOTAL SHEETS 191	SHEET NO. 6
CONTRACT NO. 61K60				ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100							100	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	17332	17332							
40600370	LONGITUDINAL JOINT SEALANT	FOOT	23413	23413							
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	44	44							
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	818	818							
40603085	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70	TON	3350	2996						354	
40604060	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	37	37							
40604062	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	3303	2869						434	
42001300	PROTECTIVE COAT	SQ YD	4335	4335							
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	35765	33605						2160	
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	4118	4118							
42400800	DETECTABLE WARNINGS	SQ FT	586		586						
44000100	PAVEMENT REMOVAL	SQ YD	674	674							
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	956	956							

- SPECIALTY ITEM



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
400 WINDFIELD ROAD, SUITE 400
WARRENVILLE, IL 60558
PHONE: 630-471-6655
WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	7
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

MODEL Default
 FILE Name: p:\work\pnbentley.com\khp-w-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan_Sheets\168112005-sht-09-01_KVA

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
44000165	HOT-MIX ASPHALT SURFACE REMOVAL , 4"	SQ YD	25611	25611								
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	820	820								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7734	7554						180		
44000600	SIDEWALK REMOVAL	SQ FT	35247	33087						2160		
44200948	CLASS B PATCHES , TYPE I , 9 INCH	SQ YD	128	128								
44200956	CLASS B PATCHES , TYPE II , 9 INCH	SQ YD	192	192								
44200962	CLASS B PATCHES , TYPE III , 9 INCH	SQ YD	576	576								
44200964	CLASS B PATCHES , TYPE IV , 9 INCH	SQ YD	384	384								
44200986	CLASS B PATCHES , TYPE III , 11 INCH	SQ YD	414							373	41	
44200988	CLASS B PATCHES , TYPE IV , 11 INCH	SQ YD	413							372	41	
44213204	TIE BARS 3/4"	EACH	2509	2509								
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	20									20
550A0940	STORM SEWERS , CLASS A , TYPE 4 12	FOOT	24	24								
55100300	STORM SEWER REMOVAL 8"	FOOT	64									64

- SPECIALTY ITEM



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINFIELD ROAD, SUITE 400
 WARRENVILLE, IL 60558
 PHONE: 630-471-6655
 WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K60	

MODEL Default
 FILE Name: p:\work\p\kentley.com\hwy-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-sh-02-09-01_KVA

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL		
55100400	STORM SEWER REMOVAL 10"	FOOT	5									5	
55100500	STORM SEWER REMOVAL 12"	FOOT	6									6	
# 56100700	WATER MAIN 8"	FOOT	7									7	
# 56100800	WATER MAIN 10"	FOOT	3									3	
# 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	680									680	
# 56103200	DUCTILE IRON WATER MAIN 10"	FOOT	200									200	
# 56109210	WATER VALVES TO BE ADJUSTED	EACH	11									11	
# 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1									1	
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	59									3	56
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2									2	
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	8	8									
60248900	VALVE VAULTS, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3									3	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	33	33									
60255500	MANHOLES TO BE ADJUSTED	EACH	102	102									

- SPECIALTY ITEM



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 400
 WARRENVILLE, IL 60558
 PHONE: 630-487-6665
 WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	9
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL		
# 60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1										1
# 60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2										2
# 60406001	FRAMES AND LIDS, TYPE 1, ADA COMPLIANT, OPEN LID	EACH	8										8
60500040	REMOVING MANHOLES	EACH	2									2	
60500050	REMOVING CATCH BASINS	EACH	61									61	
60500060	REMOVING INLETS	EACH	2									2	
60600605	CONCRETE CURB, TYPE B	FOOT	195	195									
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	7528	7528									
# 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2230	1170								1060	
# 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	3								1	
# 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	150	75								75	
67100100	MOBILIZATION	L SUM	1	0.5								0.25	0.25

- SPECIALTY ITEM

MODEL: Default
FILE: \\miller-pc\pub\benby.com\hwy-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-sh-05-01_KVA



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
400 WINDFIELD ROAD, SUITE 400
WARRENVILLE, IL 60558
PHONE: 630-467-6655
WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	10
				CONTRACT NO. 61K60
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1440	864							576	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	23473					21873			1600	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6019					5469			550	
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	18665					18665				
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	203					203				
70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	2251					2251				
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	420					420				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	420	420								
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	592	592								
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1752	1752								
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4								
# 72000100	SIGN PANEL - TYPE 1	SQ FT	339	339								
# 72000200	SIGN PANEL - TYPE 2	SQ FT	115	115								
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	26	26								

- SPECIALTY ITEM

MODEL Default
FILE Name: p:\work\p\benley.com\hwy-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan_Sheets\168112005-sht-09-01_KVA



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
400 WINDFIELD ROAD, SUITE 400
WARRENVILLE, IL 60558
PHONE: 630-467-6655
WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	11
				CONTRACT NO. 61K60
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	14	14								
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	291	291								
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	56	56								
# 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	400	400								
# 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	40	40								
# 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	334					334				
# 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16468					16468				
# 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2186					2186				
# 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	203					203				
# 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2251					2251				
# 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	420					420				
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	72	72								
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	220					220				
# 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2				2					

- SPECIALTY ITEM

MODEL: Default
FILE: \\p010101\pub\hpbentley.com\hpbentley\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-sht-09-01.dwg



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
400 WINDFIELD ROAD, SUITE 400
WARRENVILLE, IL 60558
PHONE: 630-467-6665
WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	12
CONTRACT NO. 61K60			ILLINOIS FED. AID PROJECT	

MODEL: Default
 FILE: \\miller-prod\hpc\benley.com\hpc\p-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-sht-09-01_KVA

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
# 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1				1					
# 80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1				1					
# 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	3				3					
# 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3819				3819					
# 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	3800				3800					
# 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	988				988					
# 81400100	HANDHOLE	EACH	24				24					
# 81400200	HEAVY-DUTY HANDHOLE	EACH	4				4					
# 81400300	DOUBLE HANDHOLE	EACH	3				3					
# 81603070	UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	430				430					
# 81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	5741				5741					
# 81603138	UNIT DUCT, 600V, 5-1C NO.2, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	5401				5401					
# 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	5401				5401					
# 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	2				2					

- SPECIALTY ITEM



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 400
 WARRENVILLE, IL 60558
 PHONE: 630-471-6655
 WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	13
CONTRACT NO. 61K60			ILLINOIS FED. AID PROJECT	

MODEL Default
 FILE Name: p:\work\p\kentby.com\khp-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-sht-09-01.dwg

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
# 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	209				209					
# 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	52				52					
# 84200804	REMOVAL OF POLE FOUNDATION	EACH	52				52					
# 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2				2					
# 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2				2					
# 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2				2					
# 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1				1					
# 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	3				3					
# 86000100	MASTER CONTROLLER	EACH	1				1					
# 86400100	TRANSCEIVER - FIBER OPTIC	EACH	5				5					
# 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4160				4160					
# 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	5526				5526					
# 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	7057				7057					
# 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5795				5795					

- SPECIALTY ITEM



USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	14
			CONTRACT NO. 61K60	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
# 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1411				1411					
# 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1000				1000					
# 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	906				906					
# 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4421				4421					
# 87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	6				6					
# 87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	10				10					
# 87501400	TRAFFIC SIGNAL POST, 18 FT.	EACH	1				1					
# 87700120	STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.	EACH	1				1					
# 87700130	STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.	EACH	1				1					
# 87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1				1					
# 87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1				1					
# 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2				2					
# 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1				1					
# 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1				1					

- SPECIALTY ITEM

MODEL Default
FILE Name: p:\work\p\benley.com\hwy-01\Documents\01_Active Projects\MK-CHS-16811205 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\16811205-sht-09-01_KVA



USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	15
			CONTRACT NO. 61K60	
			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
# 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	3				3					
# 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1				1					
# 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	159				159					
# 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16				16					
# 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	34				34					
# 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13				13					
# 87900200	DRILL EXISTING HANDHOLE	EACH	21				21					
# 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	21				21					
# 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	16				16					
# 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	28				28					
# 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10				10					
# 88500100	INDUCTIVE LOOP DETECTOR	EACH	1				1					

- SPECIALTY ITEM



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
400 WINDFIELD ROAD, SUITE 400
WARRENVILLE, IL 60558
PHONE: 630-467-6655
WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	16
			CONTRACT NO. 61K60	
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\nashville-bentley.com\khp\p-01\Documents\01_Active Projects\WK-CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan_Sheets\168112005-sht-09-01.dwg

MODEL: Default
 FILE: \\miller-prod\hpc\p-bentley.com\khp-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan_Sheets\168112005-sht-05-01_KVA

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
# 88600100	DETECTOR LOOP, TYPE I	FOOT	310				310					
# 88700200	LIGHT DETECTOR	EACH	17				17					
# 88700300	LIGHT DETECTOR AMPLIFIER	EACH	13				13					
# 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3				3					
# 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	7500				7500					
# 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4				4					
# 89502380	REMOVE EXISTING HANDHOLE	EACH	11				11					
# 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	10				10					
# 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	23				23					
# A2002884	TREE, CELTIS OCCIDENTALIS CHICAGOLAND, (CHICAGOLAND HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	EACH	4						4			
# A2005042	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	4						4			
# A2006524	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	3						3			
# A2007201	TREE, QUERCUS ROBUR LONG (REGAL PRINCE OAK), 3" CALIPER, BALLED ANDBURLAPPED	EACH	4						4			
# B2006322	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 3" CALIPER, BALLED AND BURLAPPED	EACH	3						3			

- SPECIALTY ITEM



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINFIELD ROAD, SUITE 400
 WARRENVILLE, IL 60558
 PHONE: 630-467-6665
 WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	17
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL
# XX009654	SHRUB, WEIGELA FLORIDA VERWEIG (MY MONET WEIGELA), 3-GALLON, EACH* MY MONET WEIGELA	EACH	9						9		
# K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	2						2		
# K0036118	MULCH PLACEMENT 3"	SQ YD	100						100		
# X0300635	PLANTER	EACH	16						16		
X0323677	STREET SWEEPING	HOUR	220							202	18
# X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1939				1939				
X0327997	TRASH RECEPTACLES	EACH	4						4		
X0540000	BRICK PAVERS	SQ FT	6262						6262		
# X1200017	FLUOROCARBON RUBBER (VITON) GASKET	EACH	12							12	
# X1400096	LED LAMP MODULE REPLACEMENT	EACH	27				27				
# X2010400	STUMP REMOVAL ONLY	UNIT	100						100		
# X2530008	TREE GRATES	EACH	18						18		
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4	4							
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	24	24							

- SPECIALTY ITEM

MODEL: Default
FILE: \\miller-prod\hpc\benley.com\hpc\p-01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-sht-09-01_KVA



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
400 WINDFIELD ROAD, SUITE 400
WARRENVILLE, IL 60558
PHONE: 630-487-6655
WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	18
			CONTRACT NO. 61K60	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL	
# X8250510	LIGHTING CONTROLLER FOUNDATION	EACH	2				2					
# X8300001	LIGHT POLE (SPECIAL)	EACH	2				2					
# X8301802	REMOVE TEMPORARY WOOD POLE	EACH	4				4					
# X8302141	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	4				4					
# X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1				1					
# X8570215	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1				1					
# X8570232	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1				1					
# X8620310	REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1				1					
# X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	8320				8320					
# X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	28				28					
# X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4				4					
# X8809005	LED SIGNAL FACE, LENS COVER	EACH	46				46					
# X8860107	PREFORMED DETECTOR LOOP	FOOT	264				264					
XX007324	RECYCLING RECEPTACLE	EACH	4						4			

- SPECIALTY ITEM

MODEL: Default
FILE: \\p101101\pub\hpbentley.com\hpbentley\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-sht-09-01.dwg



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
400 WINFIELD ROAD, SUITE 400
WARRENVILLE, IL 60558
PHONE: 630-467-6655
WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	20
				CONTRACT NO. 61K60
				ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL
XX008686	BICYCLE SHELTER	EACH	3						3		
XX009566	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 ABUTING EXISTING PAVEMENT)	FOOT	180								180
XX009570	CONTINUOUS TREE PIT SOIL SYSTEM	SQ FT	881						881		
XX009600	FILLING VALVE VAULTS	EACH	5							5	
Z0003850	BENCHES	EACH	3						3		
Z0003855	BICYCLE RACKS	EACH	30						30		
Z0007430	TEMPORARY SIDEWALK	SQ FT	39883	39883							
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.75						0.25	
Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	2	2							
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103	103							
# Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	15				15				
# Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3				3				
Z0076600	TRAINEES	HOUR	1000		1000						
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000		1000						

- SPECIALTY ITEM

MODEL: Default
FILE: \\p010101\pub\benby.com\shp\01\Documents\01_Active Projects\MK-CHS-168112005 - Green Bay Road - Phase 02 Design\CAD\Plan_Sheets\168112005-shp-09-01_KVA



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
400 WINDFIELD ROAD, SUITE 400
WARRENVILLE, IL 60558
PHONE: 630-471-6655
WWW.KIMLEY-HORN.COM

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
GREEN BAY ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	21
			CONTRACT NO. 61K60	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY 0005	ROADWAY 0042	ADA 0021	ELECTRICAL 0021	PAVEMENT MARKINGS 0021	LANDSCAPE 0031	WATER MAIN 0043	SEWER 0043		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
				70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	70% FHWA (STU) 30% LOCAL	100% LOCAL	100% LOCAL		
# XX009643	ADJUSTING SANITARY SERVICES, 8-INCH DIA OR LESS	EACH	7										7
# XX009644	COMBINED SEWERS 16", (PVC, SDR. 26)	FOOT	20										20
# XX009645	COMBINED SEWERS 18", (PVC, SDR. 26)	FOOT	54										54
# XX009646	FIRE HYDRANT WITH AUXILIARY VALVE, 6" DIWM PIPE, VALVE BOX AND TEE, COMPLETE	EACH	1								1		
# XX009647	FRAMES AND LIDS, CLOSED LID	EACH	1										1
# XX009648	INLETS, TYPE A, 36" DEPTH, TYPE 1 FRAME, OPEN LID	EACH	2										2
# XX009649	INTERIOR COPPER PIPE	FOOT	80								80		
# XX009650	PRE AND POST CONSTRUCTION SUB-SURFACE VIDEOTAPING	FOOT	660								594		66
# XX009651	STORM SEWERS 8", (PVC, SDR. 26)	FOOT	3										3
# XX009652	STORM SEWERS 8", SPECIAL (DIP CL 50)	FOOT	70										70
# XX009653	WATER SERVICE LINE, 2" DIA OR LESS, LONG - FULL REPLACEMENT	EACH	5								5		

- SPECIALTY ITEM

MODEL: Default
 FILE NAME: p:\projects\green_bay_road\19-00285-00-01\Drawings\19-00285-00-01.dwg
 PROJECT: Green Bay Road - Phase II Design\19-00285-00-01.dwg
 SHEET: 19-00285-00-01.dwg
 DATE: 7/10/2024
 TIME: 10:45:00
 USER: joelturk



© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 401 UNIVERSITY ROAD, SUITE 600
 WARREN, ILL. 60555
 PHONE: 815-461-6000
 WWW.KIMLEY-HORN.COM

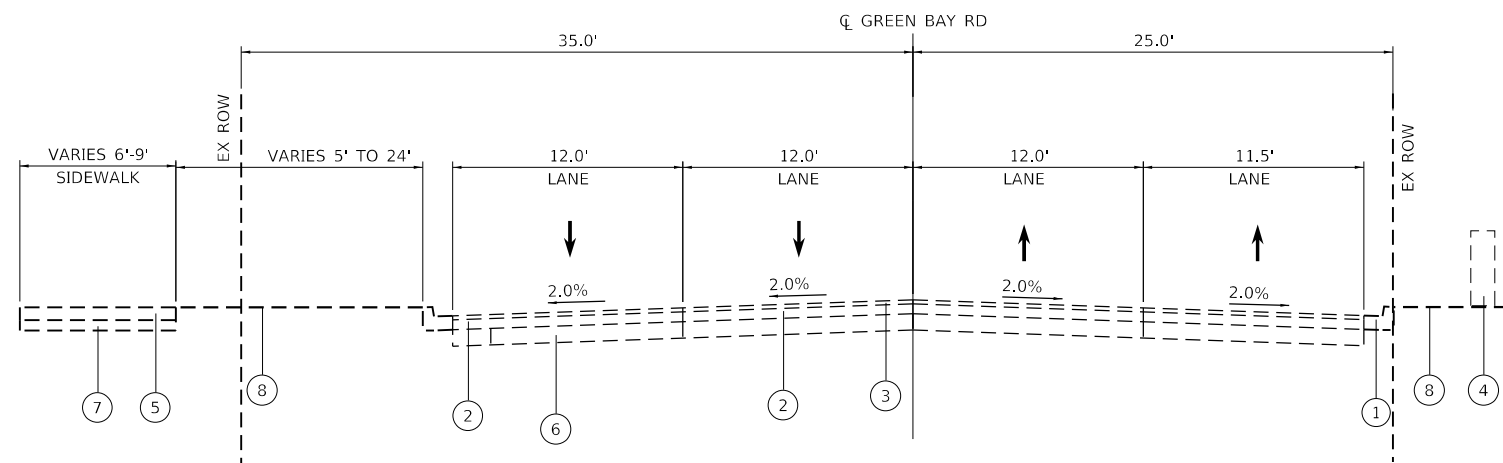
USER NAME = joelturk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

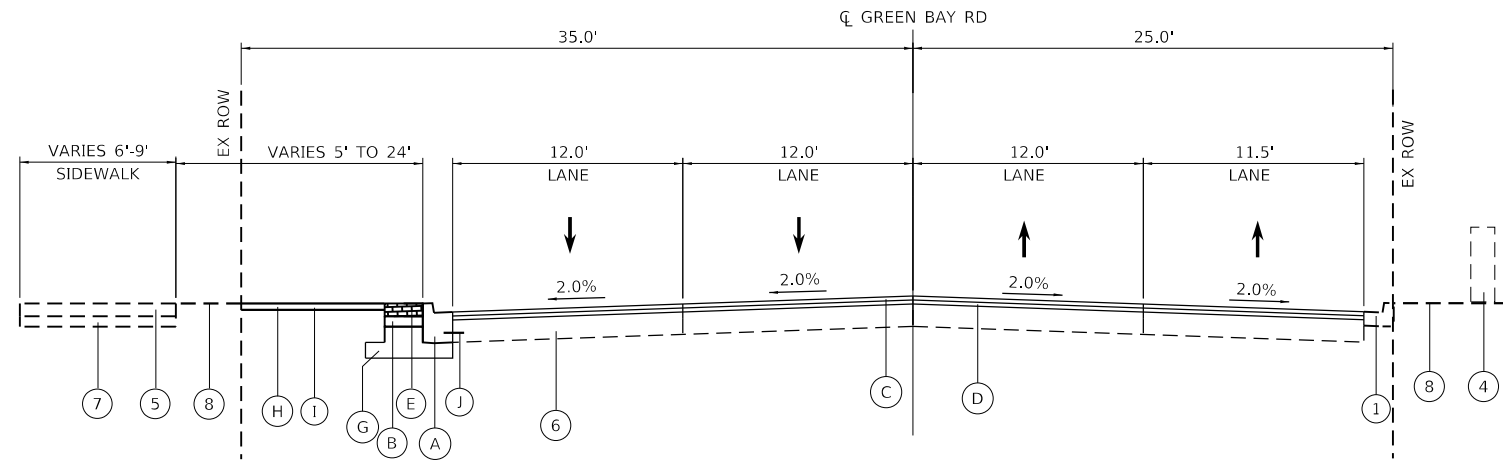
SUMMARY OF QUANTITIES
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

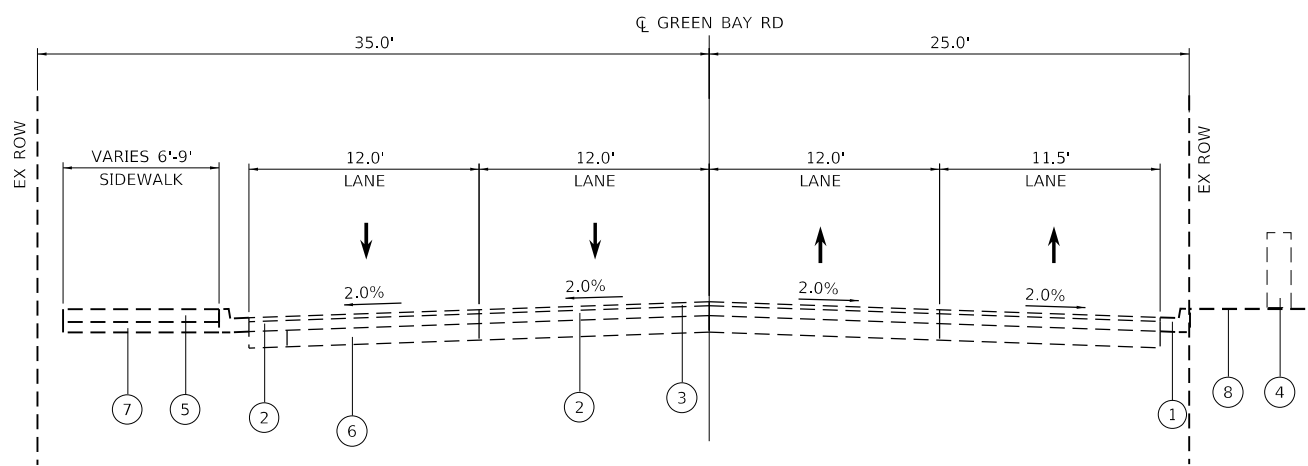
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K60	



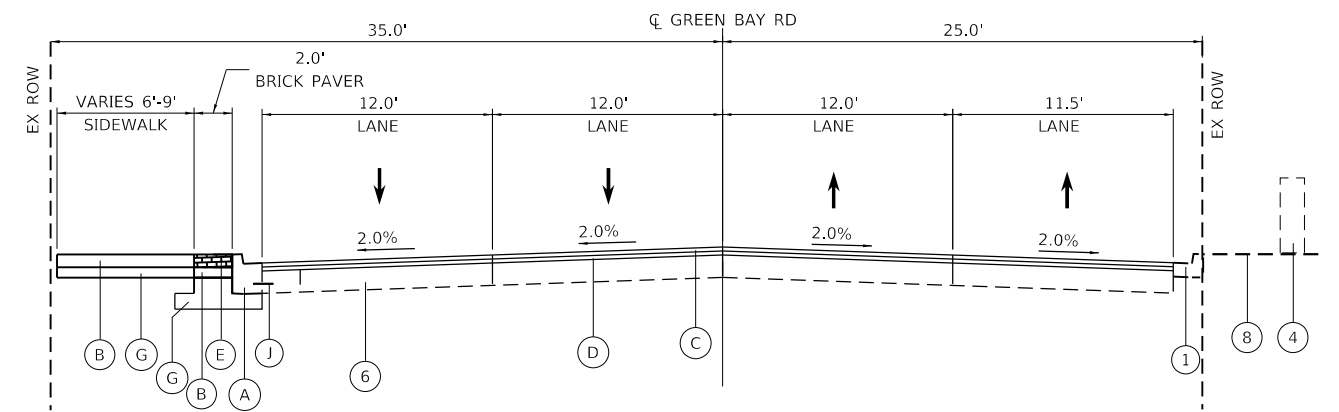
EXISTING TYPICAL SECTION - GREEN BAY ROAD
STA. 1208+00.00 TO STA. 1210+00.00



PROPOSED TYPICAL SECTION - GREEN BAY ROAD
STA. 1207+32.00 TO STA. 1210+00.00



EXISTING TYPICAL SECTION - GREEN BAY ROAD
STA. 1216+00.00 TO STA. 1219+00.00
STA. 1228+00.00 TO STA. 1237+00.00



PROPOSED TYPICAL SECTION - GREEN BAY ROAD
STA. 1216+00.00 TO STA. 1219+00.00
STA. 1228+00.00 TO STA. 1237+00.00

EXISTING LEGEND

- ① EX COMB. C&G, TYPE, B-6.12
- ② EX HMA BINDER COURSE, VARIES 1"-3.25"
- ③ EX HMA SURFACE COURSE, VARIES 1.5"-2"
- ④ EX RETAINING WALL
- ⑤ EX PCC SIDEWALK, 5"
- ⑥ EX PCC BASE, VARIES 6"-10"
- ⑦ EX SIDEWALK SUBGRADE
- ⑧ EX GROUND
- ⑨ EX SUBBASE
- ⑩ EX COMB. C&G, TYPE, M-2.06

PROPOSED LEGEND

- Ⓐ PR COMB. CONC CURB & GUTTER, TYPE B-6.12
- Ⓑ PR PCC SIDEWALK, 5"
- Ⓒ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- Ⓓ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- Ⓔ PR BRICK PAVERS (SEE LANDSCAPE DETAILS)
- Ⓕ PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
- Ⓖ PR SUBBASE GRANULAR MATERIAL, TYPE B 4"
- Ⓗ PR TOPSOIL FURNISH AND PLACE, 4"
- Ⓘ PR SODDING, SALT TOLERANT
- Ⓝ PR TIE BAR #6 AT 36" CENTERS
- Ⓚ PR PCC BASE COURSE WIDENING, 9"
- Ⓛ PR PCC BASE COURSE, 9"
- Ⓜ PR. COMB. CONC CURB & GUTTER, TYPE M-2.06

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
MIXTURE TYPE	AIR VOIDS @Ndes	
PAVEMENT RESURFACING & PAVEMENT RECONSTRUCTION (POPLAR AVE)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 2"	4% @ 70 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2.25"	4% @ 70 Gyr.	LR 1030-2
PARKING AREA RECONSTRUCTION - POPLAR AVENUE		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER COURSE, IL-19.0)	4% @ 50 Gyr.	LR 1030-2
CLASS B PATCHES OVERLAY (WATER MAIN)		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 Gyr.	LR 1030-2
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE, 6" (HMA BINDER COURSE, IL-19.0)	4% @ 50 Gyr.	LR 1030-2
TEMPORARY SIDEWALK		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 Gyr.	LR 1030-2
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) AS PER LR1030-2.		

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 NOTE 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.
 NOTE 3: THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.
 NOTE 4: LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HOT-MIX ASPHALT BINDER COURSE.

MODEL: Default
 FILE: \\nas01\pub\paw_bentley.com\shp-01\Documents\01_Active Projects\MW\CHS-168112005 - Green Bay Road - Phase B\2_Design\CAD\Plan_Sheets\168112005-shr-ctb-01.dwg
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-487-6600
 WWW.KIMLEY-HORN.COM



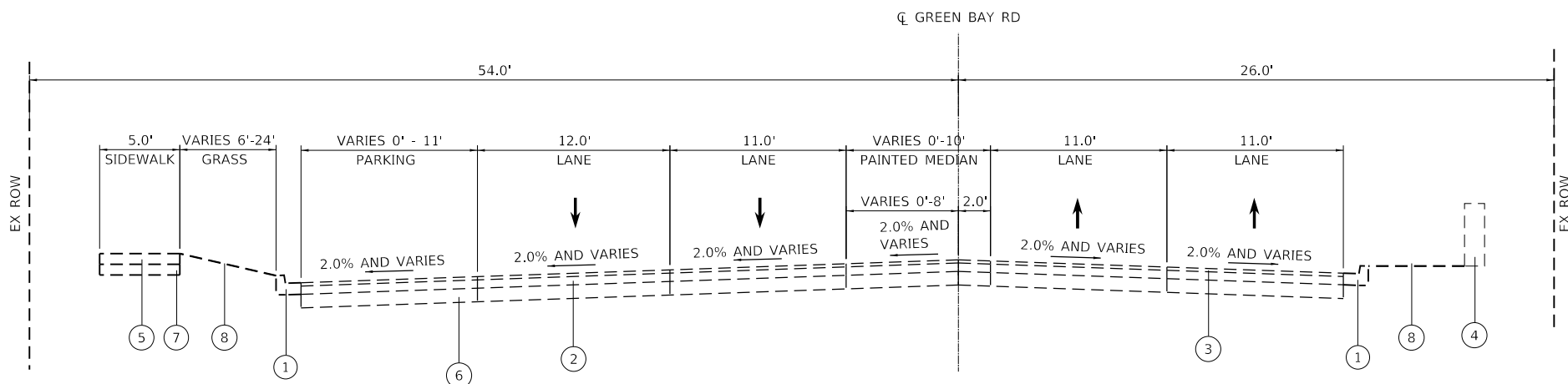
USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - SRS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

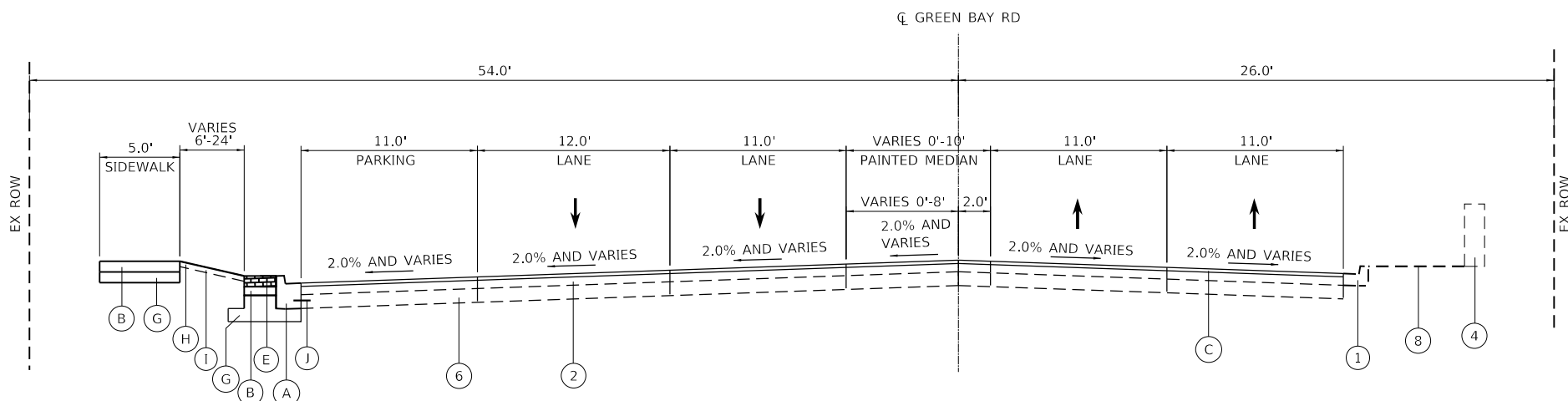
**TYPICAL SECTIONS
GREEN BAY ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	23
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION - GREEN BAY ROAD
STA. 1203+18.50 TO STA. 1207+32.00



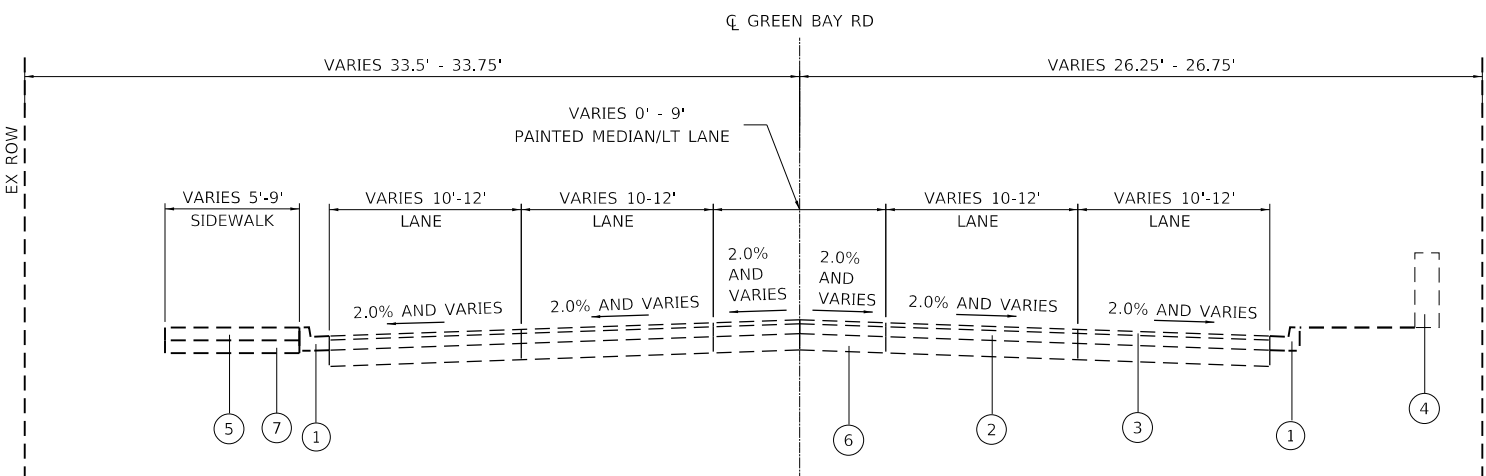
PROPOSED TYPICAL SECTION - GREEN BAY ROAD
STA. 1203+18.50 TO STA. 1207+32.00

EXISTING LEGEND

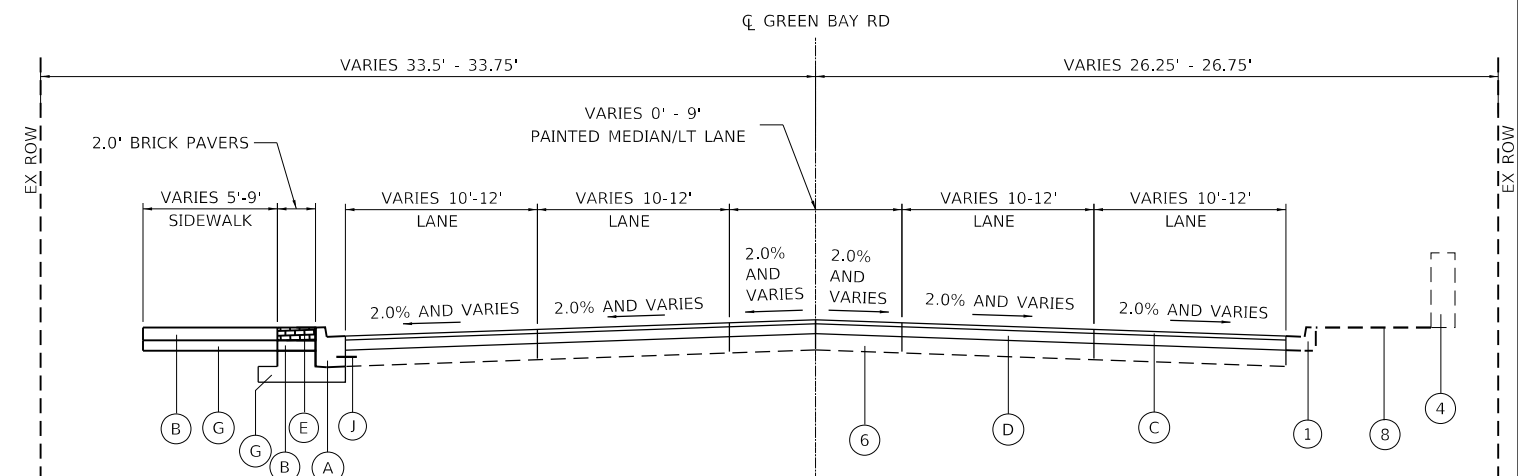
- ① EX COMB. C&G, TYPE, B-6.12
- ② EX HMA BINDER COURSE, VARIES 1"-3.25"
- ③ EX HMA SURFACE COURSE, VARIES 1.5"-2"
- ④ EX RETAINING WALL
- ⑤ EX PCC SIDEWALK, 5"
- ⑥ EX PCC BASE, VARIES 6"-10"
- ⑦ EX SIDEWALK SUBGRADE
- ⑧ EX GROUND
- ⑨ EX SUBBASE
- ⑩ EX COMB. C&G, TYPE, M-2.06

PROPOSED LEGEND

- Ⓐ PR COMB. CONC CURB & GUTTER, TYPE B-6.12
- Ⓑ PR PCC SIDEWALK, 5"
- Ⓒ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- Ⓓ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- Ⓔ PR BRICK PAVERS (SEE LANDSCAPE DETAILS)
- Ⓕ PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
- Ⓖ PR SUBBASE GRANULAR MATERIAL, TYPE B 4"
- Ⓗ PR TOPSOIL FURNISH AND PLACE, 4"
- Ⓘ PR SODDING, SALT TOLERANT
- Ⓙ PR TIE BAR #6 AT 36" CENTERS
- Ⓚ PR PCC BASE COURSE WIDENING, 9"
- Ⓛ PR PCC BASE COURSE, 9"
- Ⓜ PR. COMB. CONC CURB & GUTTER, TYPE M-2.06



EXISTING TYPICAL SECTION - GREEN BAY ROAD
STA 1210+00.00 TO STA 1216+00.00
STA 1219+00.00 TO STA 1228+00.00



PROPOSED TYPICAL SECTION - GREEN BAY ROAD
STA 1210+00.00 TO STA 1216+00.00
STA 1219+00.00 TO STA 1228+00.00

MODEL: Default
FILE: \\nas01\pub\pwbentley.com\shp-01\Documents\01_Active\Projects\WW\CHS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-sht-rd-02.dwg, 0/4



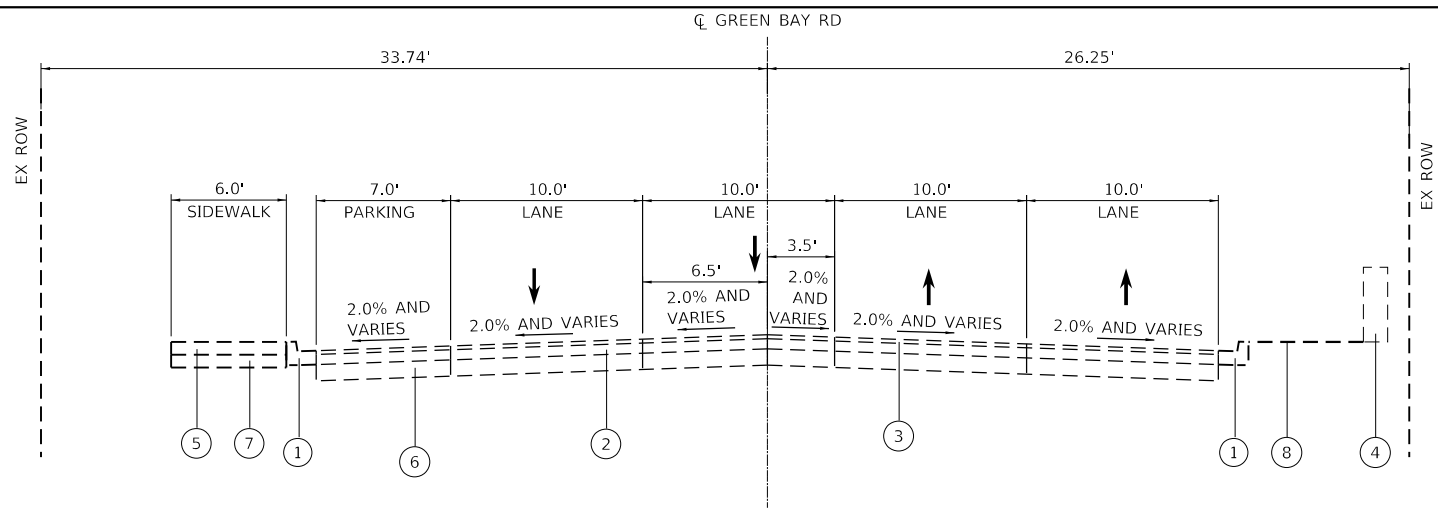
USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - SRS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

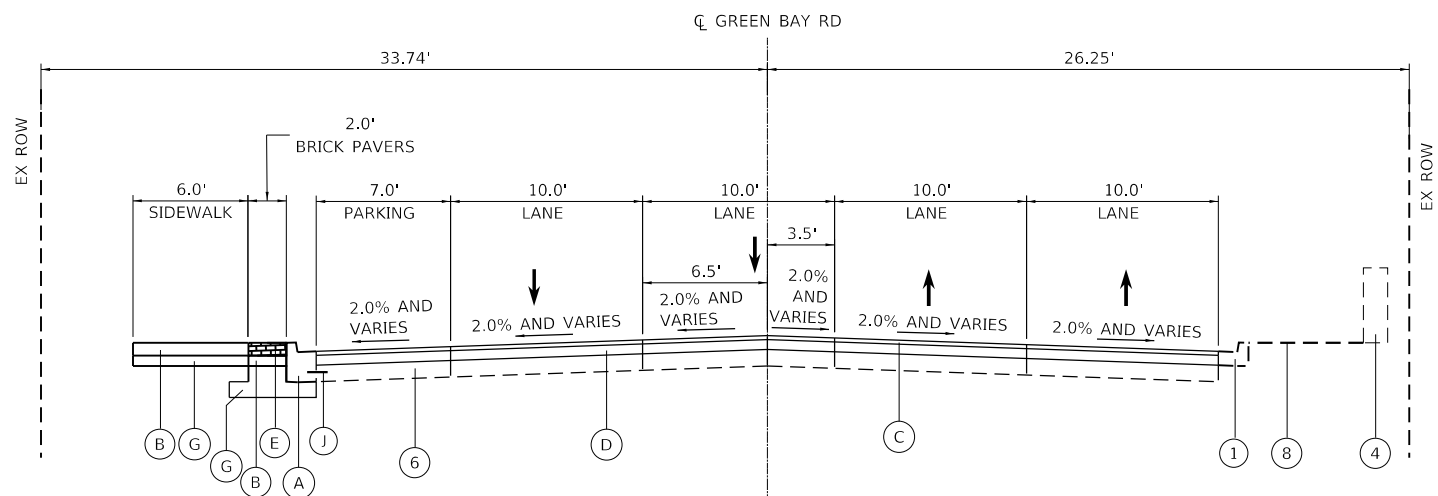
**TYPICAL SECTIONS
GREEN BAY ROAD**

SCALE: NTS SHEET 2 OF 5 SHEETS STA. TO STA.

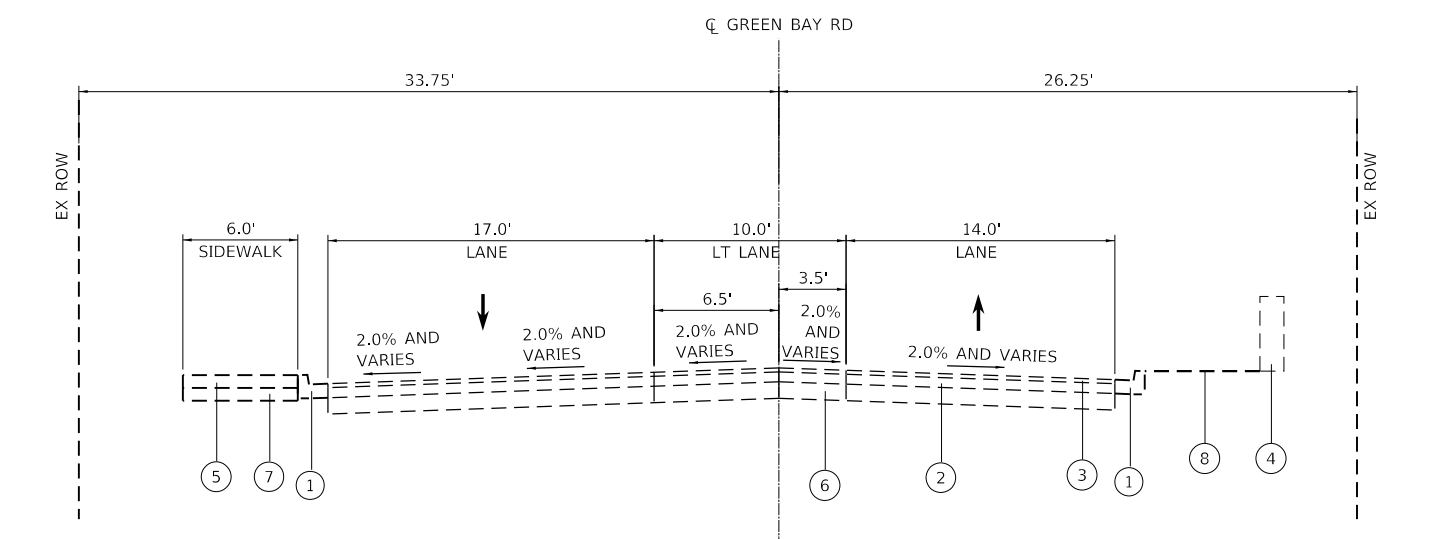
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	24
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



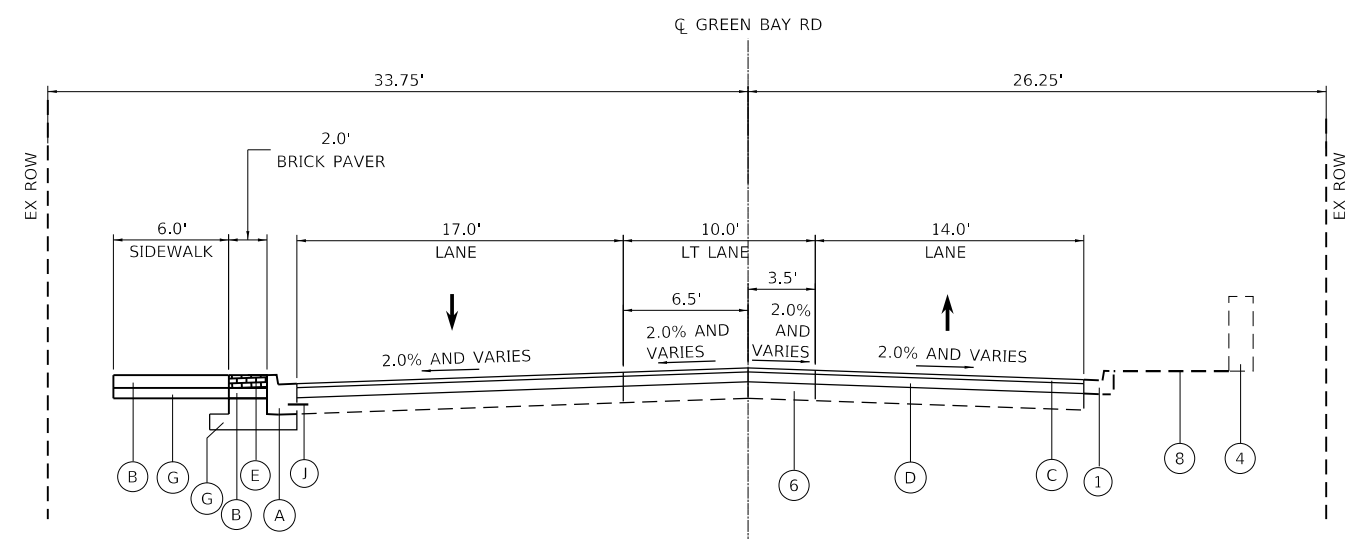
EXISTING TYPICAL CROSS SECTION - GREEN BAY ROAD
STA 1237+00.00 TO STA 1240+50.00



PROPOSED TYPICAL CROSS SECTION - GREEN BAY ROAD
STA 1237+00.00 TO STA 1240+50.00



EXISTING TYPICAL CROSS SECTION - GREEN BAY ROAD
STA 1240+50.00 TO STA 1241+50.00



PROPOSED TYPICAL CROSS SECTION - GREEN BAY ROAD
STA 1240+50.00 TO STA 1241+50.00

EXISTING LEGEND

- ① EX COMB. C&G, TYPE, B-6.12
- ② EX HMA BINDER COURSE, VARIES 1"-3.25"
- ③ EX HMA SURFACE COURSE, VARIES 1.5"-2"
- ④ EX RETAINING WALL
- ⑤ EX PCC SIDEWALK, 5"
- ⑥ EX PCC BASE, VARIES 6"-10"
- ⑦ EX SIDEWALK SUBGRADE
- ⑧ EX GROUND
- ⑨ EX SUBBASE
- ⑩ EX COMB. C&G, TYPE, M-2.06

PROPOSED LEGEND

- Ⓐ PR COMB. CONC CURB & GUTTER, TYPE B-6.12
- Ⓑ PR PCC SIDEWALK, 5"
- Ⓒ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- Ⓓ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- Ⓔ PR BRICK PAVERS (SEE LANDSCAPE DETAILS)
- Ⓕ PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
- Ⓖ PR SUBBASE GRANULAR MATERIAL, TYPE B 4"
- Ⓗ PR TOPSOIL FURNISH AND PLACE, 4"
- Ⓘ PR SODDING, SALT TOLERANT
- Ⓙ PR TIE BAR #6 AT 36" CENTERS
- Ⓚ PR PCC BASE COURSE WIDENING, 9"
- Ⓛ PR PCC BASE COURSE, 9"
- Ⓜ PR. COMB. CONC CURB & GUTTER, TYPE M-2.06

MODEL: Default
 FILE: \\mhc\p\work\paw_bentley.com\shp\paw-01\Documents\01_Active Projects\WV\CHS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-shp-rd-03-rup.dwg
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60558
 PHONE: 630-487-6600
 WWW.KIMLEY-HORN.COM



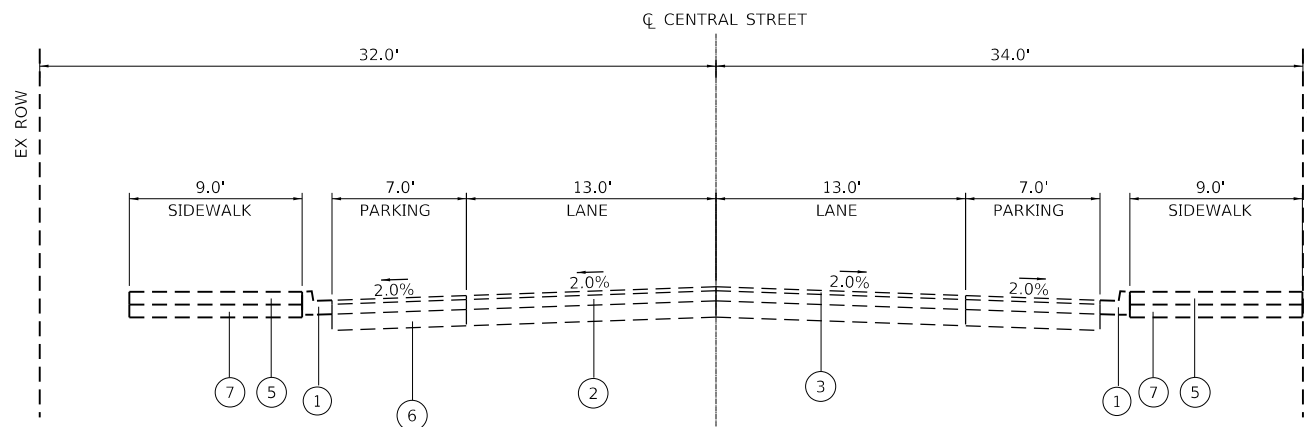
USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - SRS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

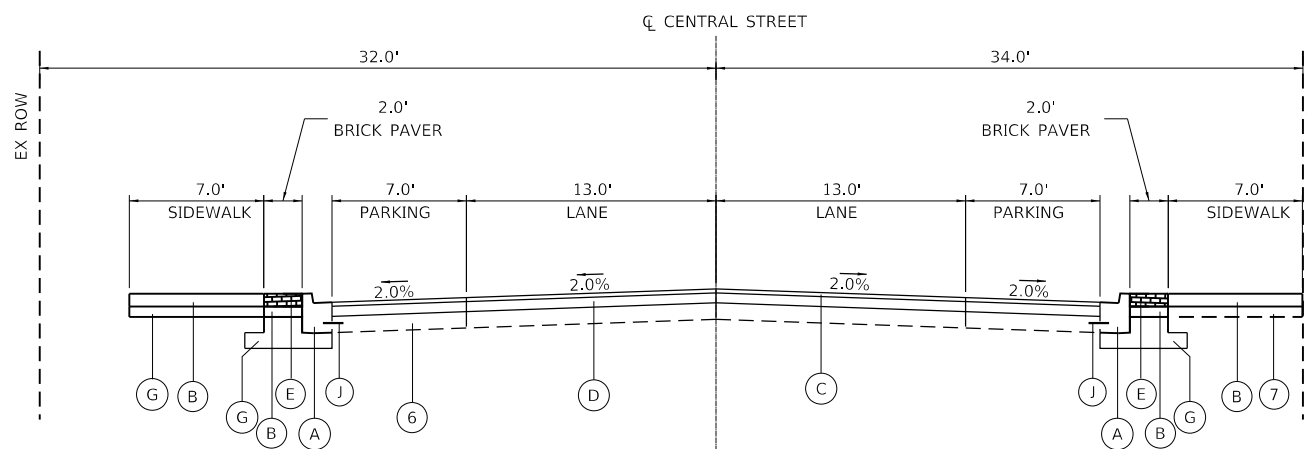
**TYPICAL SECTIONS
GREEN BAY ROAD**

SCALE: NTS SHEET 3 OF 5 SHEETS STA. TO STA.

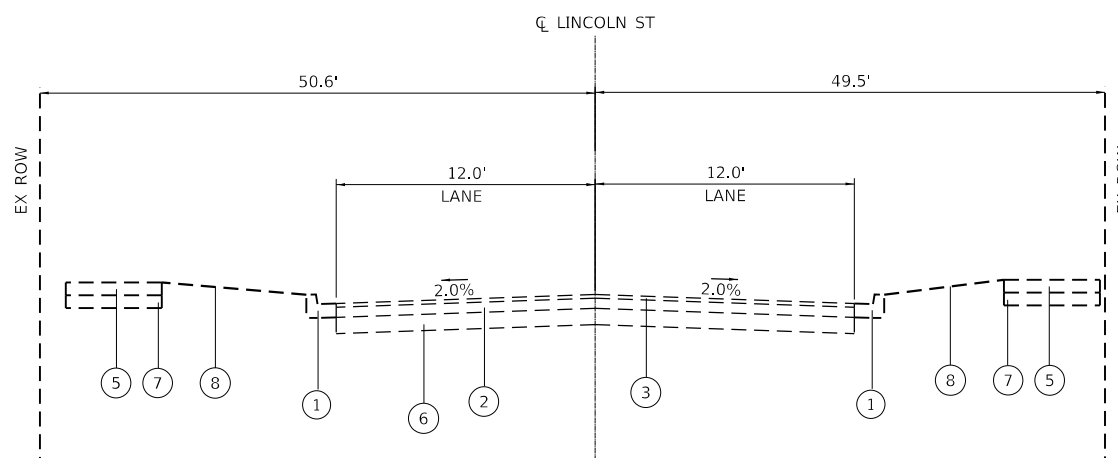
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	25
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



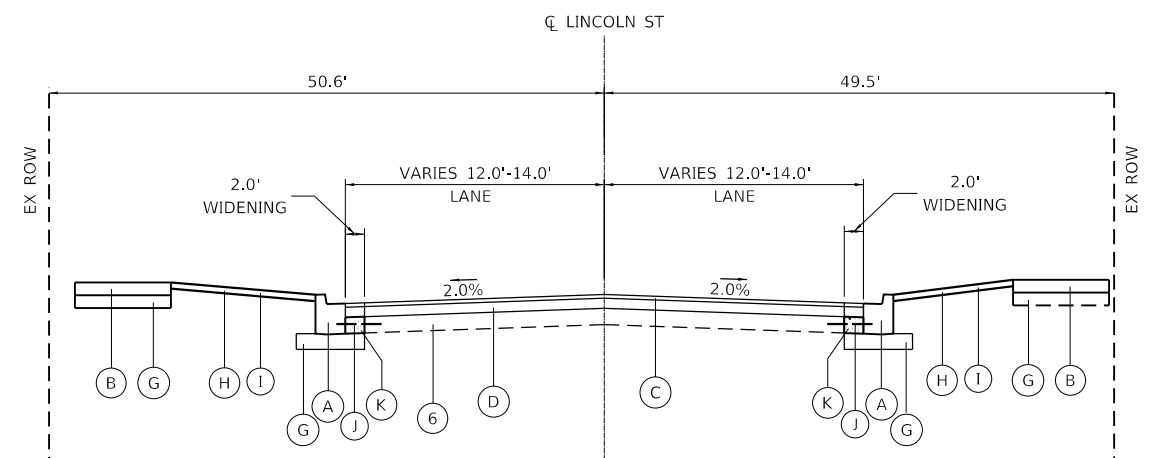
EXISTING TYPICAL CROSS SECTION - CENTRAL STREET
STA 2412+00.00 TO STA 2414+00.00



PROPOSED TYPICAL CROSS SECTION - CENTRAL STREET
STA 2412+00.00 TO STA 2414+00.00



EXISTING TYPICAL CROSS SECTION - LINCOLN STREET
STA 2203+00.00 TO STA 2204+50.00



PROPOSED TYPICAL CROSS SECTION - LINCOLN STREET
STA 2203+00.00 TO STA 2204+50.00

- EXISTING LEGEND**
- ① EX COMB. C&G, TYPE, B-6.12
 - ② EX HMA BINDER COURSE, VARIES 1"-3.25"
 - ③ EX HMA SURFACE COURSE, VARIES 1.5"-2"
 - ④ EX RETAINING WALL
 - ⑤ EX PCC SIDEWALK, 5"
 - ⑥ EX PCC BASE, VARIES 6"-10"
 - ⑦ EX SIDEWALK SUBGRADE
 - ⑧ EX GROUND
 - ⑨ EX SUBBASE
 - ⑩ EX COMB. C&G, TYPE, M-2.06

- PROPOSED LEGEND**
- Ⓐ PR COMB. CONC CURB & GUTTER, TYPE B-6.12
 - Ⓑ PR PCC SIDEWALK, 5"
 - Ⓒ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
 - Ⓓ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
 - Ⓔ PR BRICK PAVERS (SEE LANDSCAPE DETAILS)
 - Ⓕ PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - Ⓖ PR SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - Ⓗ PR TOPSOIL FURNISH AND PLACE, 4"
 - Ⓘ PR SODDING, SALT TOLERANT
 - Ⓙ PR TIE BAR #6 AT 36" CENTERS
 - Ⓚ PR PCC BASE COURSE WIDENING, 9"
 - Ⓛ PR PCC BASE COURSE, 9"
 - Ⓜ PR. COMB. CONC CURB & GUTTER, TYPE M-2.06

MODEL: Default
 FILE: M:\GIS_Plan\Bentley\com\shp\p\01\Documents\01_Active\Projects\WV\CHS-168112005 - Green Bay Road - Phase 1B2_Design\CAD\Plan_Sheets\168112005-shp-ctb\04.tup.dwg
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60555
 PHONE: 630-487-6600
 WWW.KIMLEY-HORN.COM



USER NAME = JoelTurk
 PLOT SCALE = 20.0000 "/in.
 PLOT DATE = 7/10/2024

DESIGNED - KKH
 DRAWN - KKH
 CHECKED - SRS
 DATE -

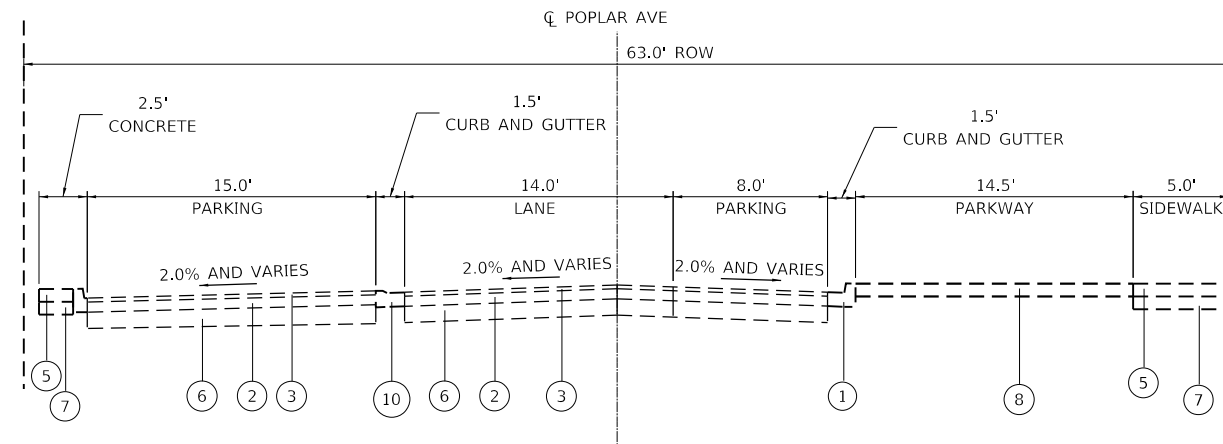
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

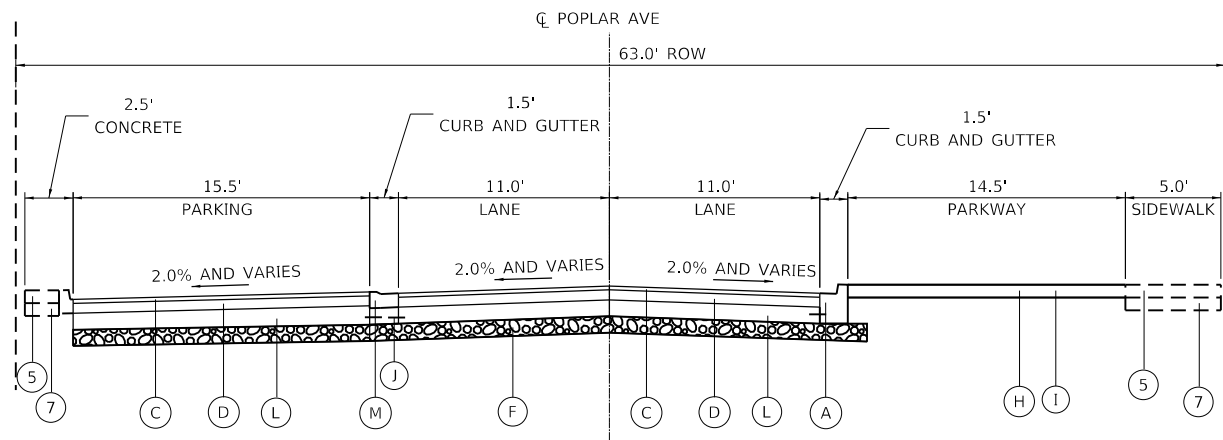
TYPICAL SECTIONS
 GREEN BAY ROAD

SCALE: NTS SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	26
CONTRACT NO. 61K60				
ILLINOIS		FED. AID PROJECT		



EXISTING TYPICAL CROSS SECTION - POPLAR AVENUE
STA 1305+85 TO STA 1307+04



PROPOSED TYPICAL CROSS SECTION - POPLAR AVENUE
STA 3300+62 TO STA 3301+62

EXISTING LEGEND

- ① EX COMB. C&G, TYPE, B-6.12
- ② EX HMA BINDER COURSE, VARIES 1"-3.25"
- ③ EX HMA SURFACE COURSE, VARIES 1.5"-2"
- ④ EX RETAINING WALL
- ⑤ EX PCC SIDEWALK, 5"
- ⑥ EX PCC BASE, VARIES 6"-10"
- ⑦ EX SIDEWALK SUBGRADE
- ⑧ EX GROUND
- ⑨ EX SUBBASE
- ⑩ EX COMB. C&G, TYPE, M-2.06

PROPOSED LEGEND

- Ⓐ PR COMB. CONC CURB & GUTTER, TYPE B-6.12
- Ⓑ PR PCC SIDEWALK, 5"
- Ⓒ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"
- Ⓓ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- Ⓔ PR BRICK PAVERS (SEE LANDSCAPE DETAILS)
- Ⓕ PR AGGREGATE SUBGRADE IMPROVEMENT, 12"
- Ⓖ PR SUBBASE GRANULAR MATERIAL, TYPE B 4"
- Ⓗ PR TOPSOIL FURNISH AND PLACE, 4"
- Ⓘ PR SODDING, SALT TOLERANT
- Ⓙ PR TIE BAR #6 AT 36' CENTERS
- Ⓚ PR PCC BASE COURSE WIDENING, 9"
- Ⓛ PR PCC BASE COURSE, 9"
- Ⓜ PR. COMB. CONC CURB & GUTTER, TYPE M-2.06

MODEL: Default
 FILE: M:\GIS_Plan\Bentley.com\shp\p\01\Documents\01 Active Projects\WV\CHS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-shr-by-05-shp.dwg
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60555
 PHONE: 630-487-6500
 WWW.KIMLEY-HORN.COM



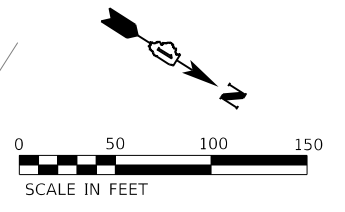
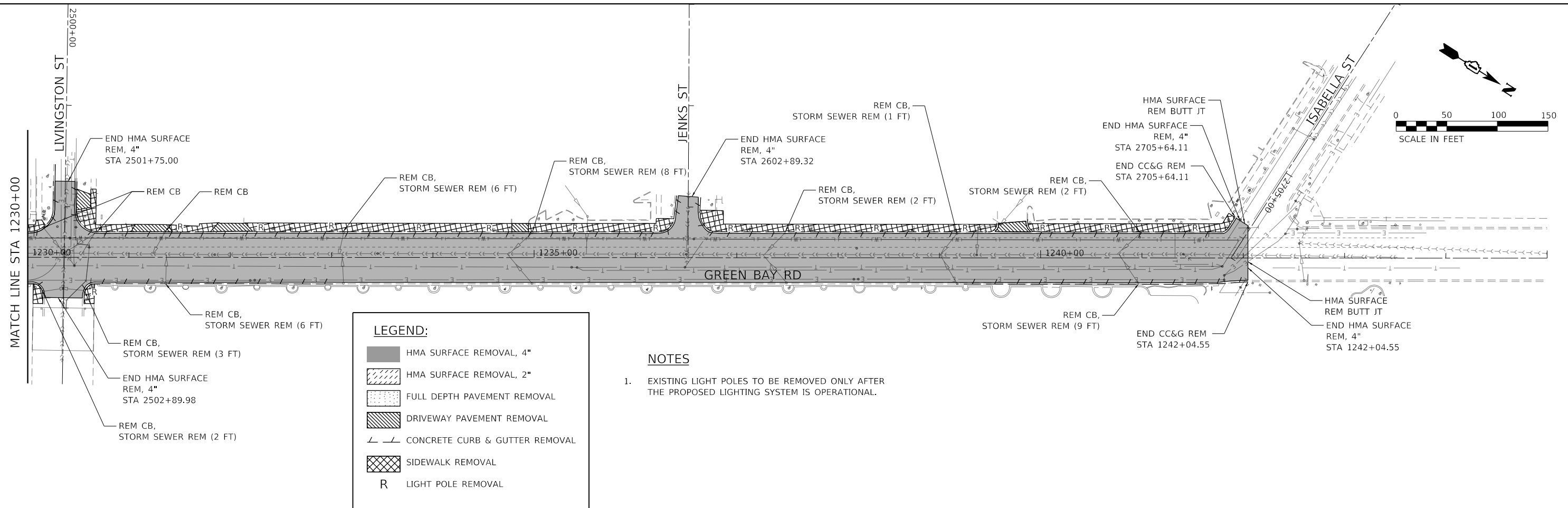
USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - SRS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
GREEN BAY ROAD**

SCALE: NTS SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	27
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

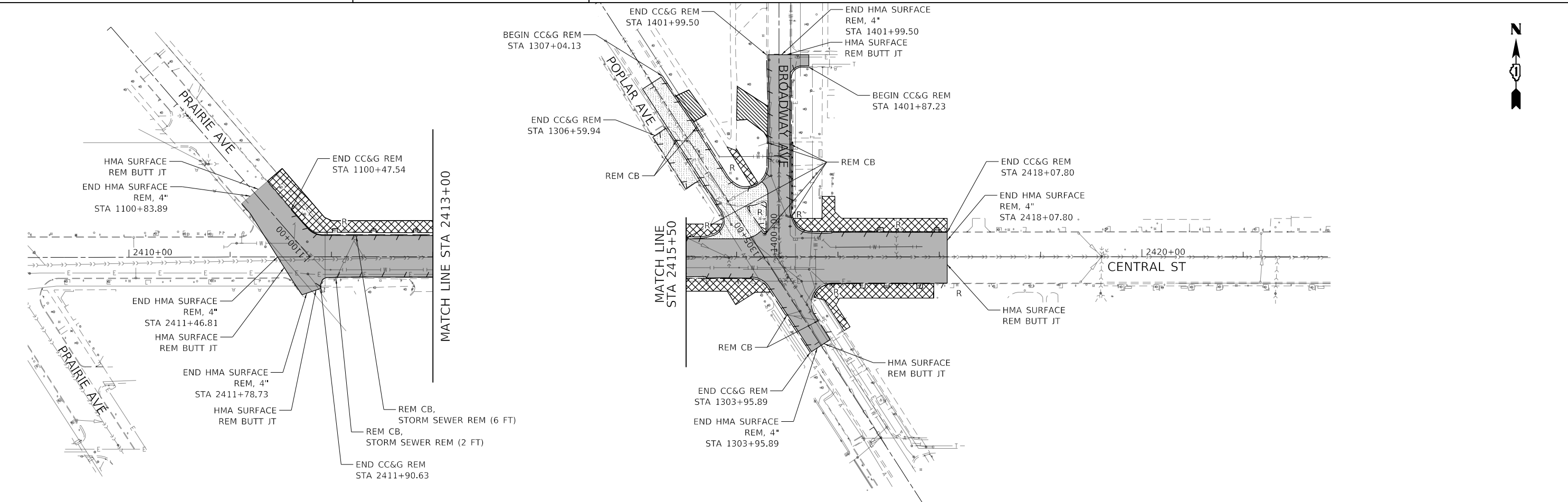


LEGEND:

- HMA SURFACE REMOVAL, 4"
- HMA SURFACE REMOVAL, 2"
- FULL DEPTH PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CONCRETE CURB & GUTTER REMOVAL
- SIDEWALK REMOVAL
- R LIGHT POLE REMOVAL

NOTES

- EXISTING LIGHT POLES TO BE REMOVED ONLY AFTER THE PROPOSED LIGHTING SYSTEM IS OPERATIONAL.



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - SRS	REVISED -
	DATE -	REVISED -

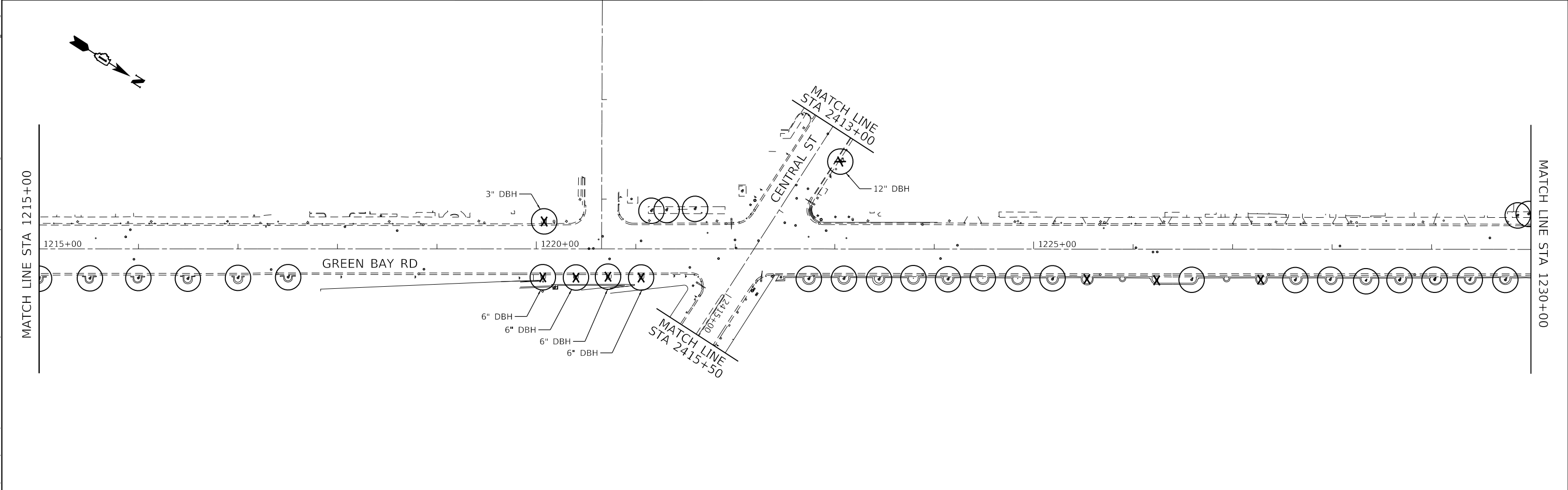
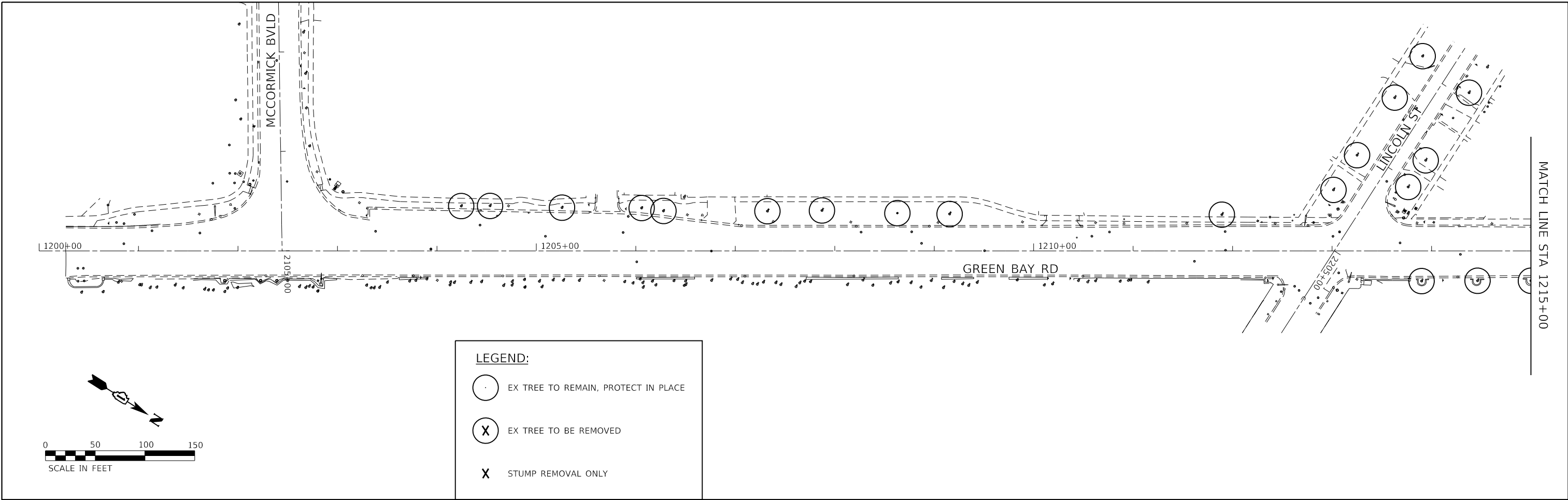
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
GREEN BAY ROAD AND CENTRAL STREET**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	30
CONTRACT NO. 61K60				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
 FILE: h:\mhc\pdx\hwy\hwy_bentley.com\shp\pdx-01\Documents\01_Active\Projects\HWY\CHS-168112005 - Green Bay Road - Phase II_2_Design\CADD\Plan_Sheets\168112005-shp-rem-02.dwg
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-471-6600
 WWW.KIMLEY-HORN.COM



MODEL: Default
 FILE: \\hpc-pw-bentley.com\hpc-pw-01\Documents\01 Active Projects\WW\CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan Sheets\168112005-sht-rem-03.dwg
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-471-6500
 WWW.KIMLEY-HORN.COM



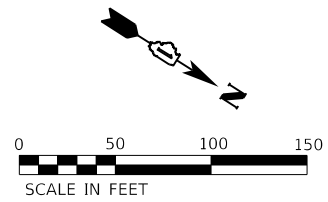
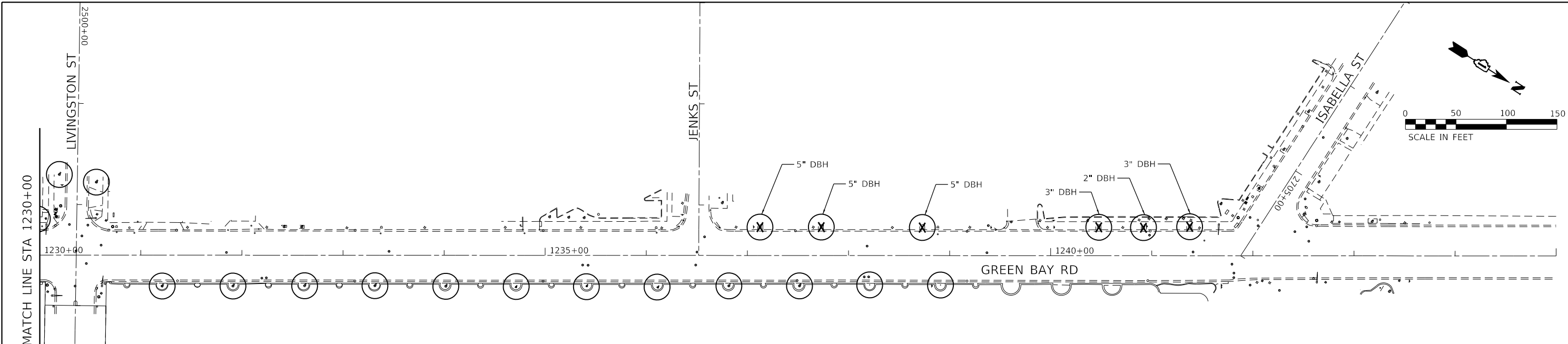
USER NAME = JoelTurk	DESIGNED - XXX	REVISED -
	DRAWN - XXX	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - XXX	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TREE REMOVAL AND PROTECTION PLAN
GREEN BAY ROAD**

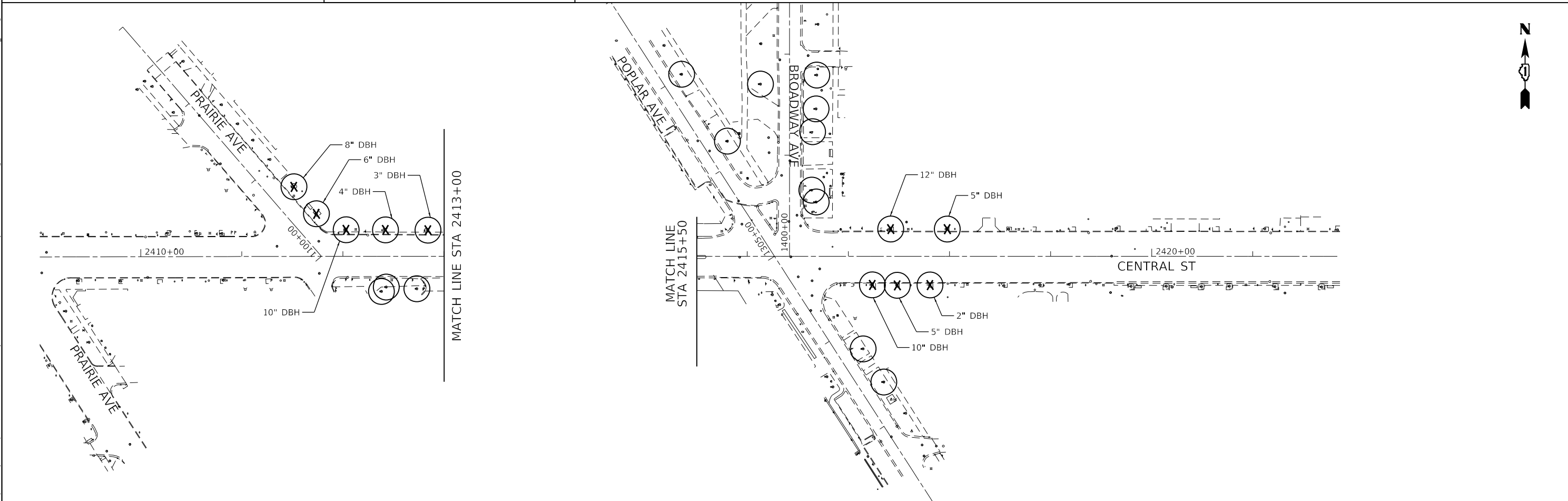
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	31
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



LEGEND:

	EX TREE TO REMAIN, PROTECT IN PLACE
	EX TREE TO BE REMOVED
	STUMP REMOVAL ONLY



MODEL: Default
 FILE: h:\mhc\p\hwy\hwy_bentley.com\hwy\hwy-01\Documents\01_Active_Projects\WWCHS-168112005 - Green Bay Road - Phase II\2_Design\CADD\Plan_Sheets\168112005-shr-rem-c4_61K6.dgn
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60090
 PHONE: 630-471-6550
 WWW.KIMLEY-HORN.COM



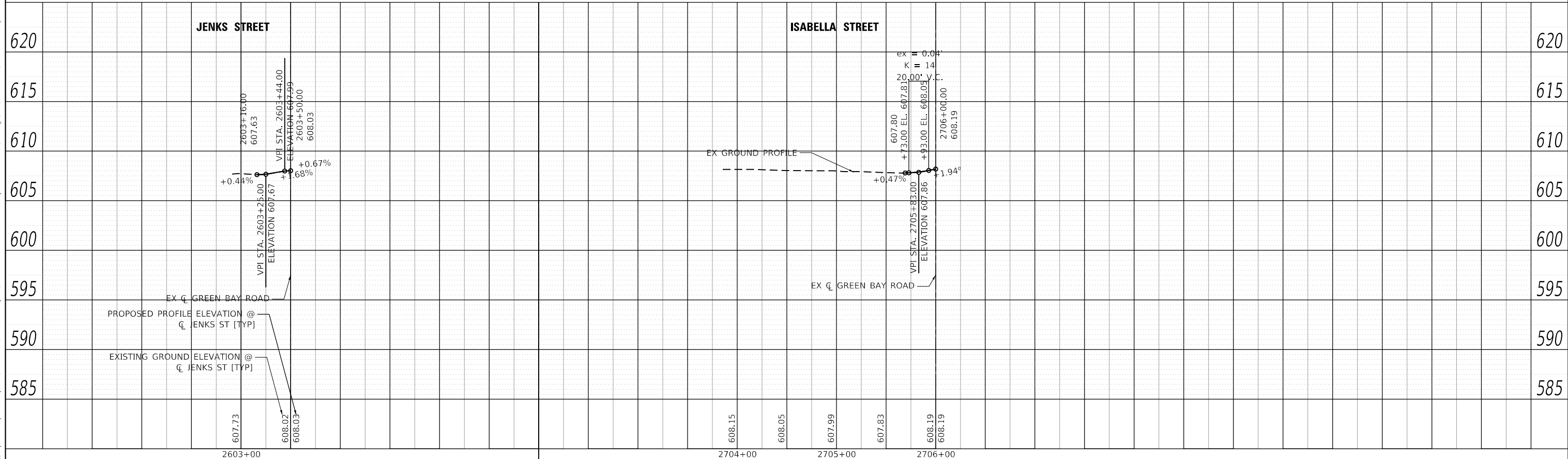
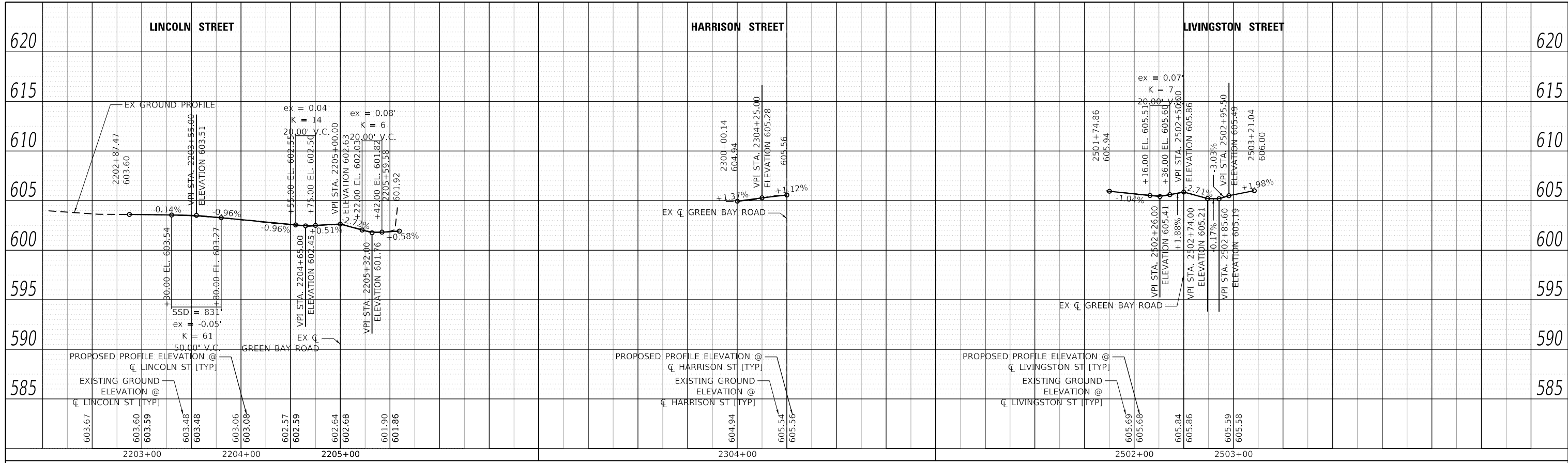
USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - SRS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL AND PROTECTION PLAN
GREEN BAY ROAD AND CENTRAL STREET

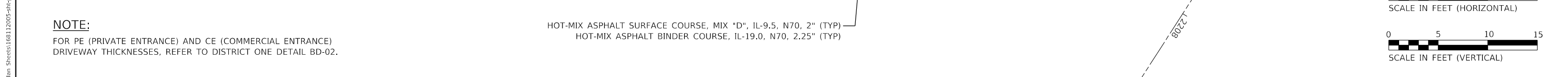
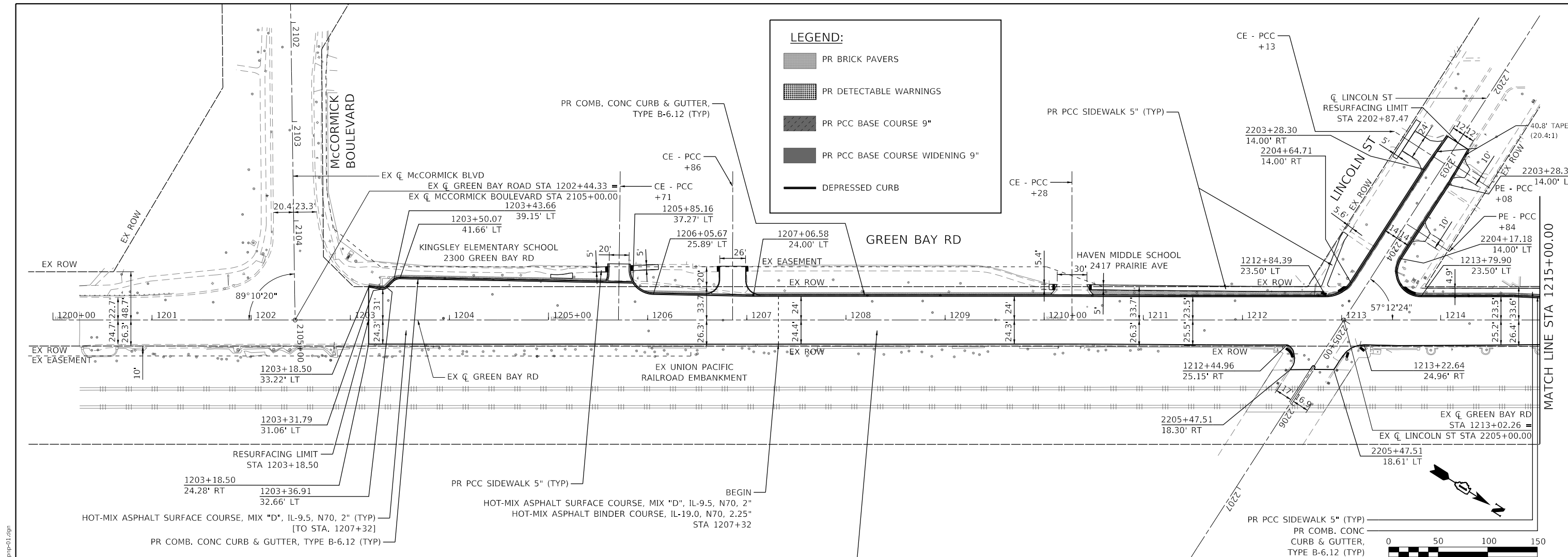
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	32
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



MODEL: D:\p\inf\active\projects\mhw\ch5-168112005 - Green Bay Road - Phase II Design\CAD\Plan Sheets\168112005-shl-prol-Linc-01.dgn
 FILE NAME: mhw\p\inf\active\projects\mhw\ch5-168112005 - Green Bay Road - Phase II Design\CAD\Plan Sheets\168112005-shl-prol-Linc-01.dgn

	USER NAME = MKelly	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS AND PROFILES - PROFILES - LINCOLN ST., HARRISON ST., LIVINGSTON ST., JENKS ST., ISABELLA ST.	F.A.U. RTE. 2744	SECTION 19-00285-00-R5	COUNTY COOK	TOTAL SHEETS 191	SHEET NO. 33
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIED -			SCALE: 1" = 50' (H) / 1" = 5' (V)	SHEET 1 OF 1 SHEETS	STA. 2204+00 TO STA. 2206+00	CONTRACT NO. 61K60	
	PLOT DATE = 7/10/2024	DATE -	REVISIED -			ILLINOIS FED. AID PROJECT				



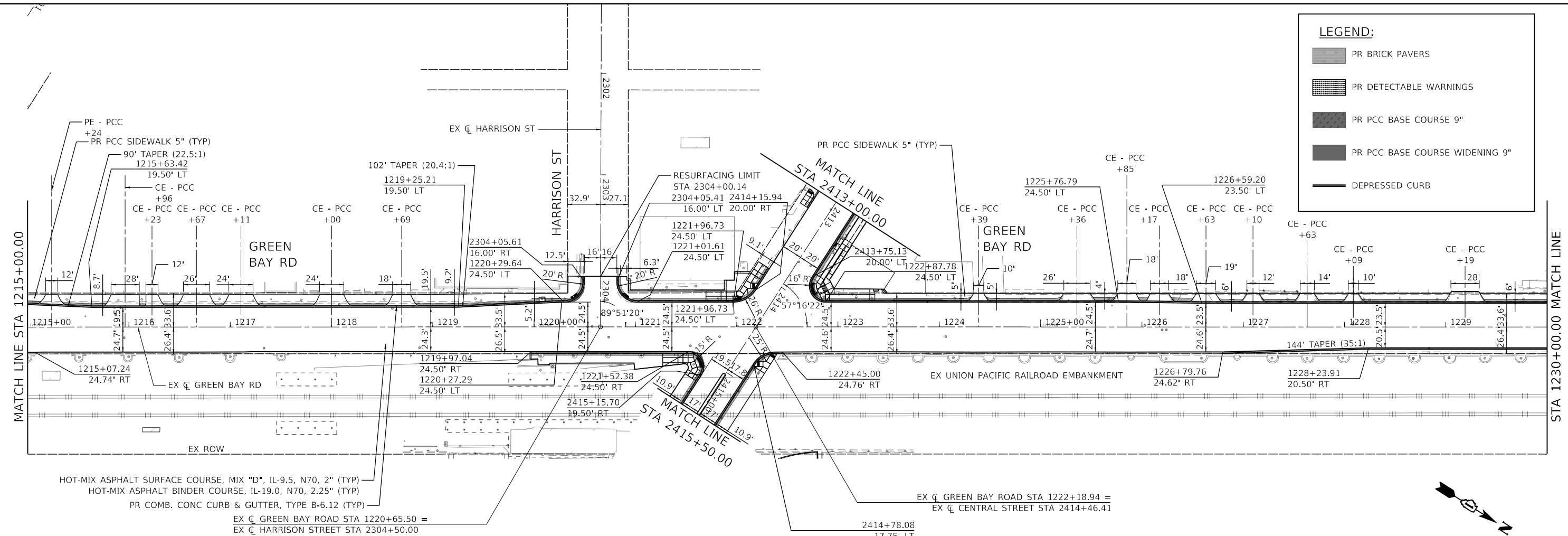
615	610	605	600	595	590									
1201+00	1202+00	1203+00	1204+00	1205+00	1206+00	1207+00	1208+00	1209+00	1210+00	1211+00	1212+00	1213+00	1214+00	1215+00

	USER NAME = JoelTurk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS AND PROFILES GREEN BAY ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0010' / in.	CHECKED -	REVISED -			2744	19-00285-00-R5	COOK	191	34
	PLOT DATE = 7/10/2024	DATE -	REVISED -			CONTRACT NO. 61K60				

SCALE: 1" = 50'(H) / 1" = 5'(V) SHEET 1 OF 3 SHEETS STA. 1200+00 TO STA. 1215+00 ILLINOIS FED. AID PROJECT

LEGEND:

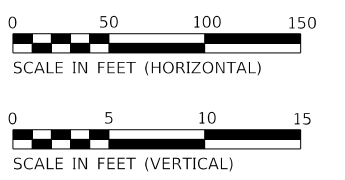
- PR BRICK PAVERS
- PR DETECTABLE WARNINGS
- PR PCC BASE COURSE 9"
- PR PCC BASE COURSE WIDENING 9"
- DEPRESSED CURB



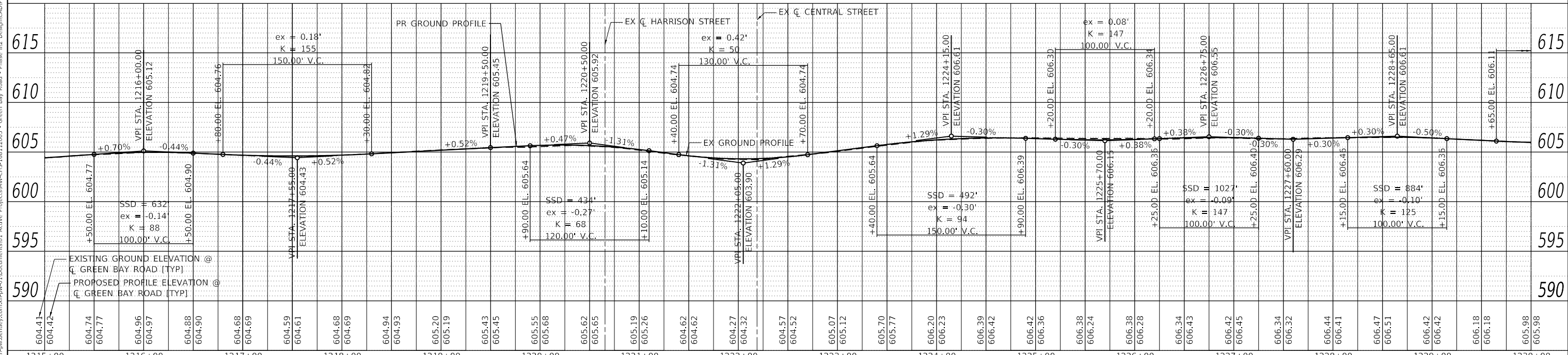
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2" (TYP)
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25" (TYP)
 PR COMB. CONC CURB & GUTTER, TYPE B-6.12 (TYP)

EX \bar{C} GREEN BAY ROAD STA 1220+65.50 = EX \bar{C} HARRISON STREET STA 2304+50.00
 EX \bar{C} GREEN BAY ROAD STA 1222+18.94 = EX \bar{C} CENTRAL STREET STA 2414+46.41

NOTE:
 FOR PE (PRIVATE ENTRANCE) AND CE (COMMERCIAL ENTRANCE) DRIVEWAY THICKNESSES, REFER TO DISTRICT ONE DETAIL BD-02.



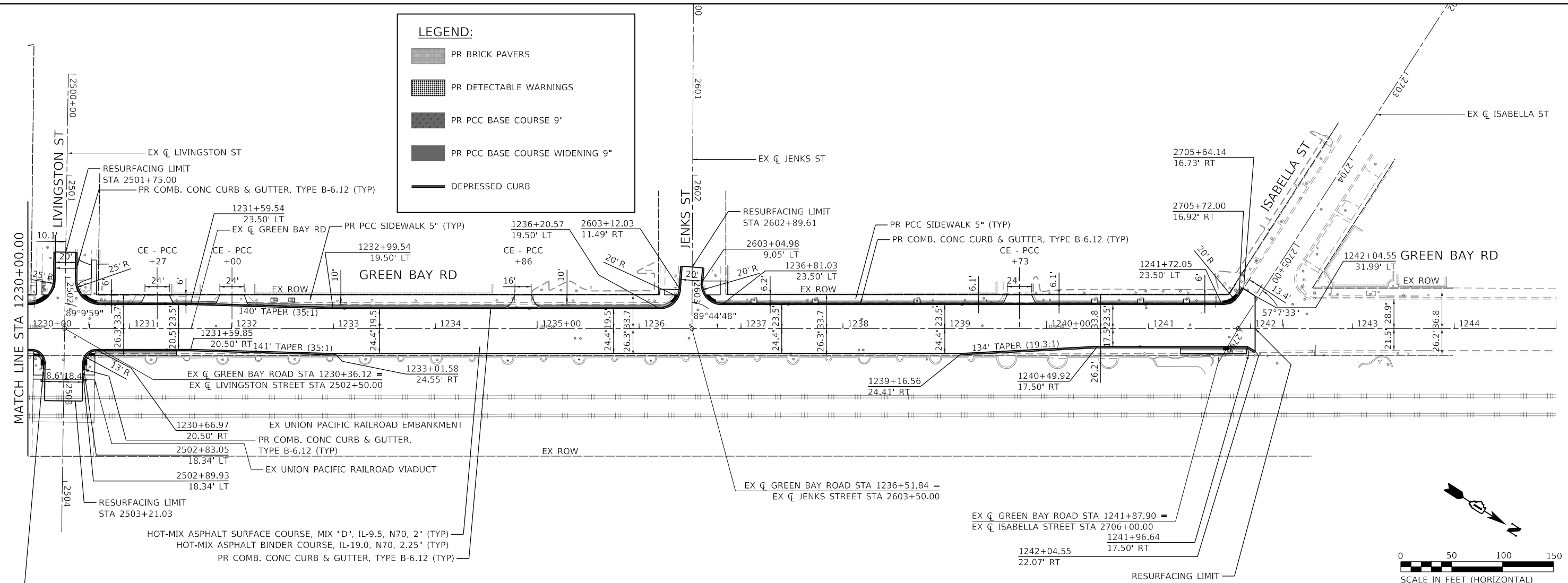
MODEL: D:\pwworkspace\168112005-168112005-168112005-168112005-shh-ppp-02.dgn
 FILE: \\h:\pwworkspace\168112005-168112005-168112005-168112005-shh-ppp-02.dgn



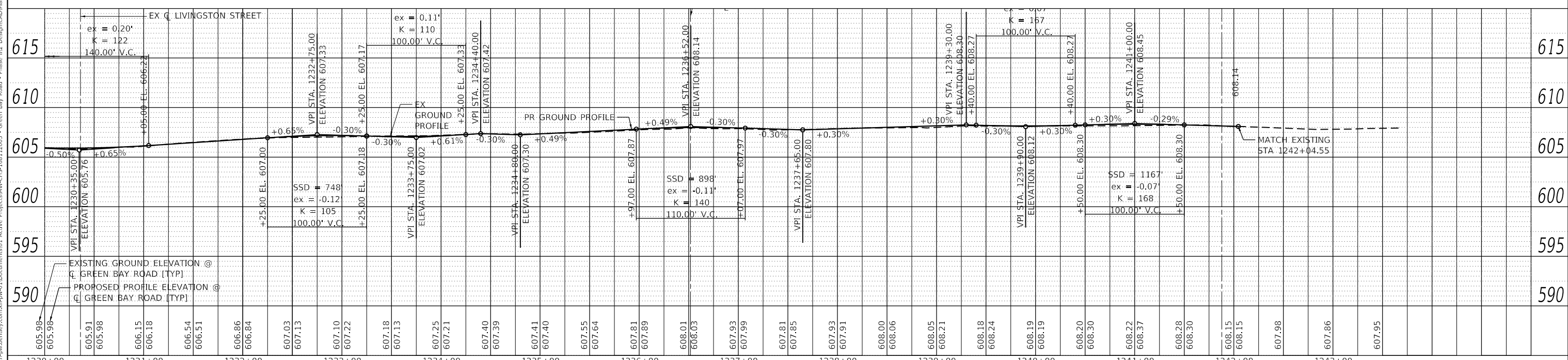
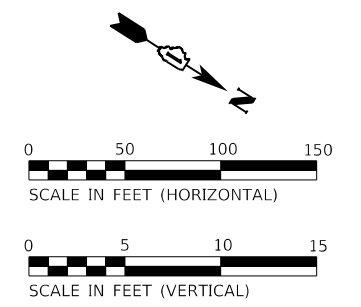
	USER NAME = MKelly	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS AND PROFILES GREEN BAY ROAD	F.A.U. RTE. = 2744	SECTION = 19-00285-00-R5	COUNTY = COOK	TOTAL SHEETS = 191	SHEET NO. = 35
	PLOT SCALE = 1/100,000" = 1/8" = 1/16"	CHECKED -	REVISED -			SCALE: 1" = 50'(H) / 1" = 5'(V)	SHEET 2 OF 3 SHEETS	STA. 1215+00 TO STA. 1230+00	CONTRACT NO. 61K60	
	PLOT DATE = 7/10/2024	DATE -	REVISED -							

LEGEND:

- PR BRICK PAVERS
- PR DETECTABLE WARNINGS
- PR PCC BASE COURSE 9"
- PR PCC BASE COURSE WIDENING 9"
- DEPRESSED CURB



NOTE:
FOR PE (PRIVATE ENTRANCE) AND CE (COMMERCIAL ENTRANCE) DRIVEWAY THICKNESSES, REFER TO DISTRICT ONE DETAIL BD-02.

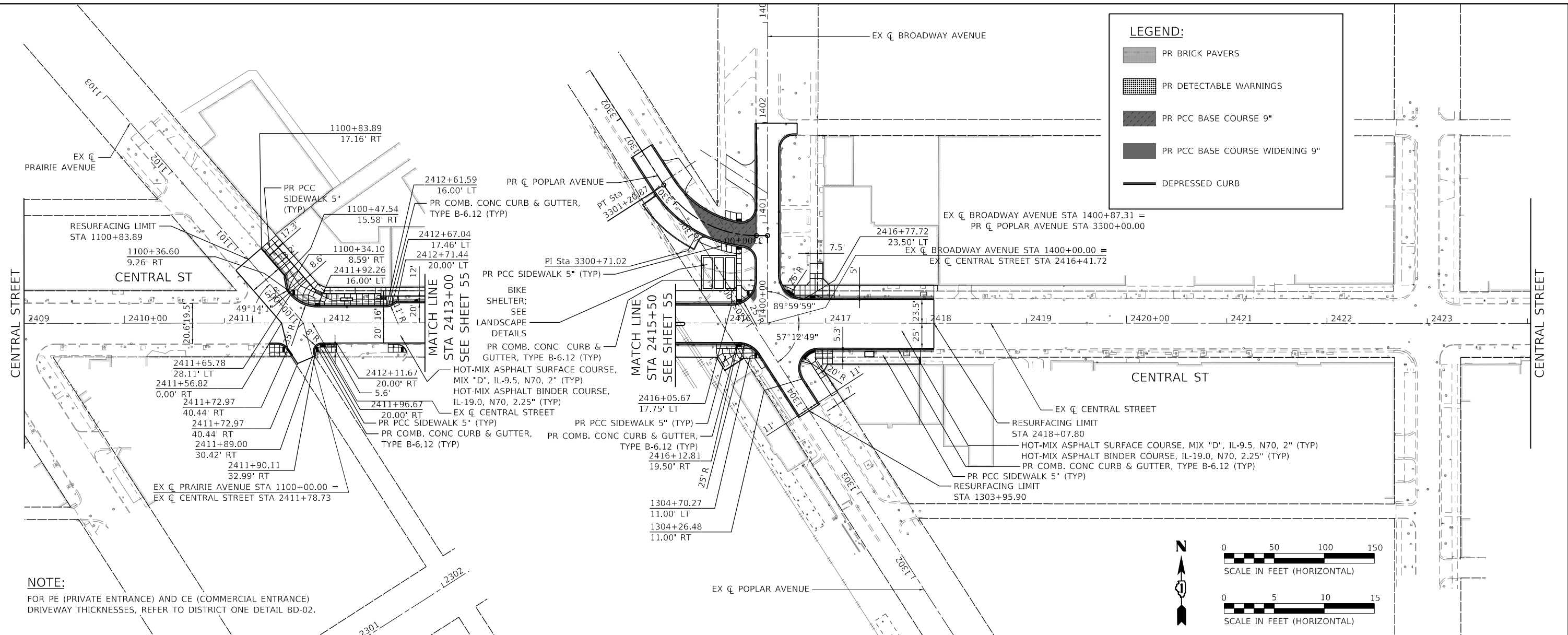


MODEL: D:\p\work\benley.com\khpw\01\Documents\01 Active Projects\HW-CHS-168112005 - Green Bay Road - Phase II Design\CAD\Plan Sheets\168112005-shl-pp-03.dgn

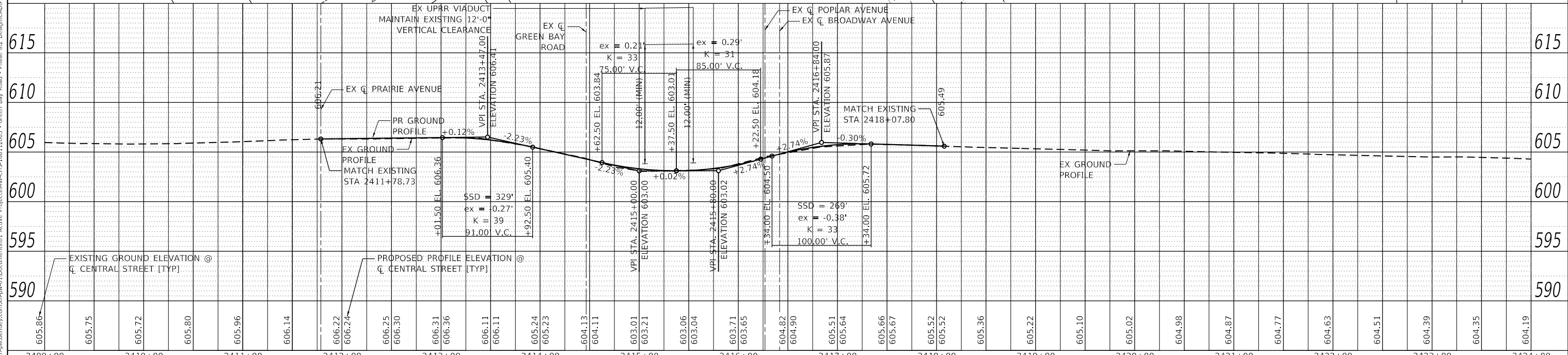
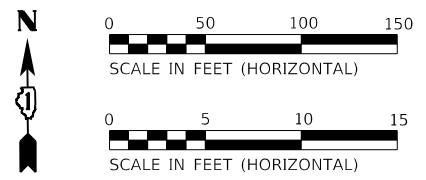
	USER NAME = Mkelly DESIGNED - DRAWN - CHECKED - DATE -	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS AND PROFILES GREEN BAY ROAD	F.A.U. RTE. 2744 SECTION 19-00285-00-RS COUNTY COOK TOTAL SHEETS 191 SHEET NO. 36 CONTRACT NO. 61K60
				SCALE: 1"=50'(H) 1"=25'(V)	SHEET 3 OF 3 SHEETS STA. 1230+00 TO STA. 1245+00	ILLINOIS FED. AID PROJECT

LEGEND:

- PR BRICK PAVERS
- PR DETECTABLE WARNINGS
- PR PCC BASE COURSE 9"
- PR PCC BASE COURSE WIDENING 9"
- DEPRESSED CURB

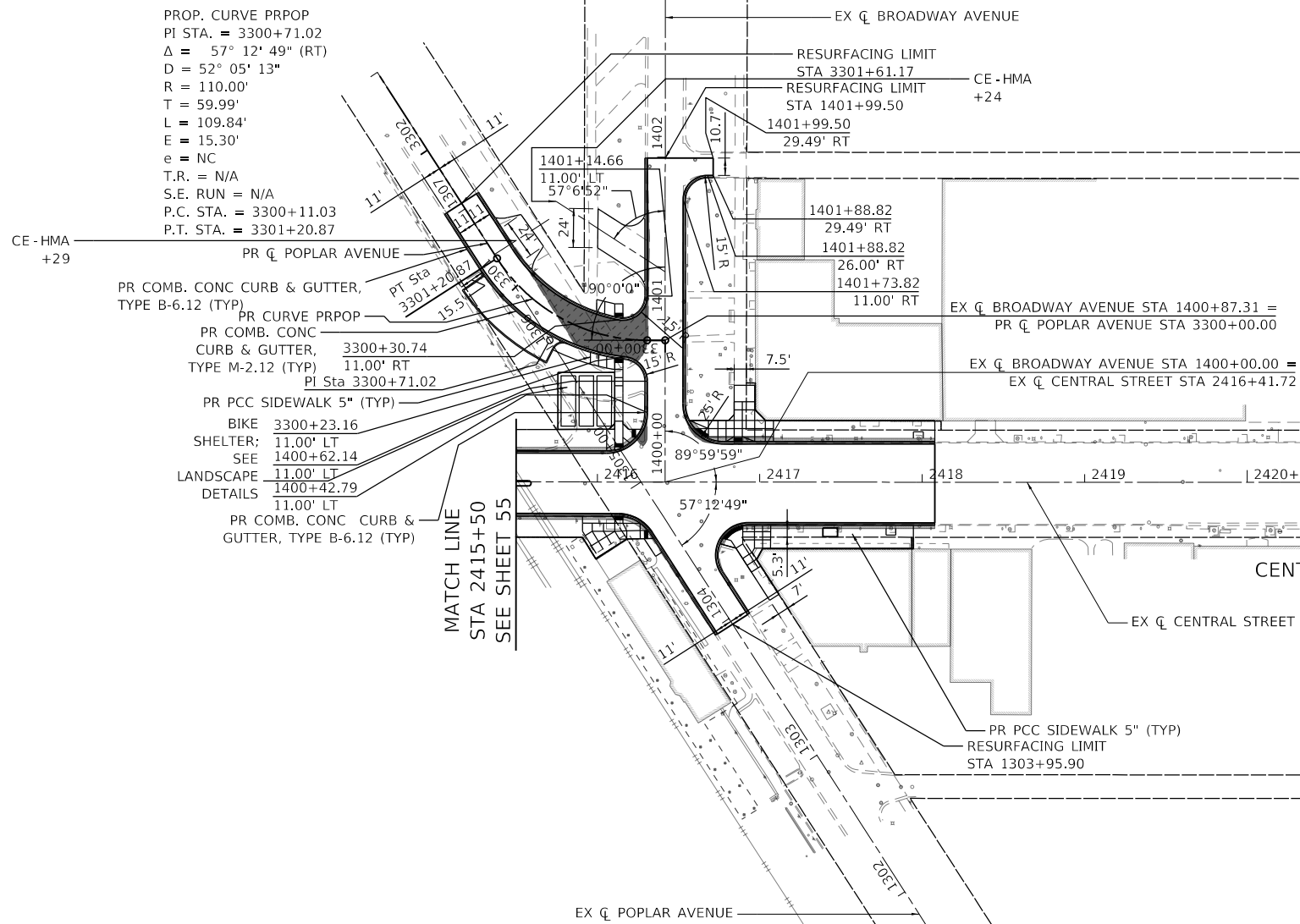


NOTE:
 FOR PE (PRIVATE ENTRANCE) AND CE (COMMERCIAL ENTRANCE) DRIVEWAY THICKNESSES, REFER TO DISTRICT ONE DETAIL BD-02.



MODEL: D:\p\inf\active\projects\m\ch5-168112005 - Green Bay Road - Phase II Design\CAD\Plan Sheets\168112005-shl-ppr-04.dgn
 FILE NAME: p:\inf\p\benley\com\khpw\01\Documents\01 Active Projects\MW\CH5-168112005 - Green Bay Road - Phase II Design\CAD\Plan Sheets\168112005-shl-ppr-04.dgn

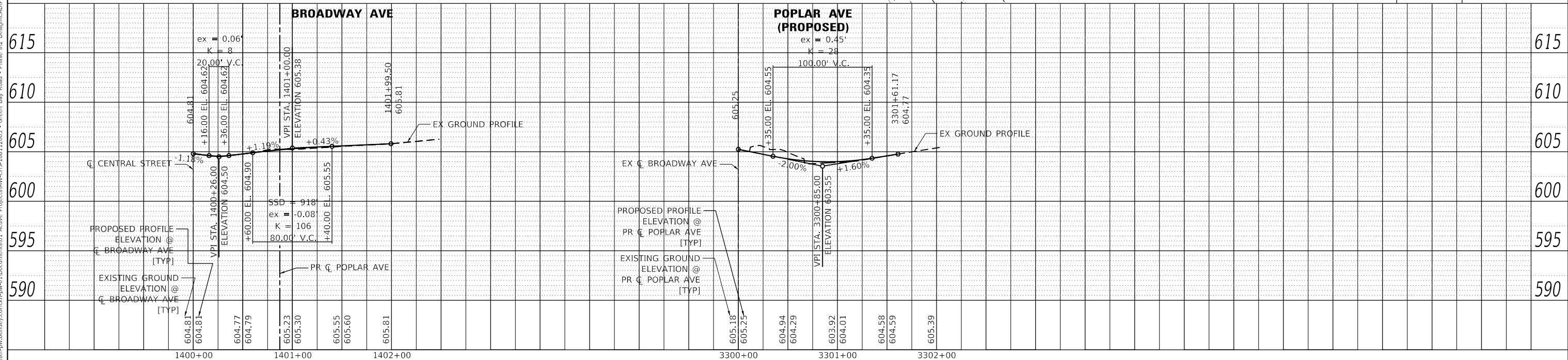
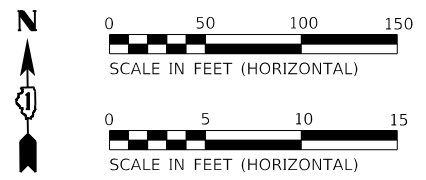
	USER NAME = Mkelly PLOT SCALE = 1/8" = 50' (H) PLOT DATE = 7/10/2024	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS AND PROFILES CENTRAL STREET	SCALE: 1" = 50' (H) SHEET 1 OF 1 SHEETS STA. 2409+00.00 TO STA. 2424+00.00	F.A.U. RTE. 2744 SECTION 19-00285-00-R5 COUNTY COOK TOTAL SHEETS 191 SHEET NO. 37 CONTRACT NO. 61K60 ILLINOIS FED. AID PROJECT
--	--	--	--	--	---	--	--



LEGEND:

- PR BRICK PAVERS
- PR DETECTABLE WARNINGS
- PR PCC BASE COURSE 9"
- PR PCC BASE COURSE WIDENING 9"
- DEPRESSED CURB

NOTE:
 FOR PE (PRIVATE ENTRANCE) AND CE (COMMERCIAL ENTRANCE) DRIVEWAY THICKNESSES, REFER TO DISTRICT ONE DETAIL BD-02.



MODEL: D:\p\w\benley\com\khpw\01\Documents\01 Active Projects\HW-CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan Sheets\168112005-shl-ppp-05.dgn
 FILE NAME: khpw\benley\com\khpw\01\Documents\01 Active Projects\HW-CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan Sheets\168112005-shl-ppp-05.dgn

	USER NAME = MKelly	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS AND PROFILES BROADWAY AVENUE AND POPLAR AVENUE	F.A.U. RTE. 2744	SECTION 19-00285-00-R5	COUNTY COOK	TOTAL SHEETS 191	SHEET NO. 38		
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			SCALE: 1" = 50'(H)	SHEET 1 OF 1 SHEETS	STA. 2409+00.00 TO STA. 2424+00.00	CONTRACT NO. 61K60		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 7/10/2024	DATE -	REVISED -									

MAINTENANCE OF TRAFFIC NOTES

1. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE IDOT STANDARD SPECIFICATIONS, APPLICABLE GUIDELINES FROM THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, ANY SPECIAL PROVISIONS, ANY SUPPLEMENTAL STANDARD SPECIFICATIONS, AND ANY SPECIAL DETAILS AND HIGHWAY STANDARDS CONTAINED IN THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR WILL FURNISH, INSTALL, MAINTAIN, RELOCATE, AND REMOVE ALL TRAFFIC CONES, SIGNING, BARRICADES, WARNING LIGHTS, AND OTHER DEVICES THAT ARE USED TO CONTROL PEDESTRIAN, BICYCLE, AND VEHICULAR TRAFFIC. TRAFFIC CONTROL REQUIREMENTS PRESENTED IN THE CONTRACT DOCUMENTS REPRESENT THE MINIMUM LEVEL OF CONTROL WHICH SHALL BE PROVIDED. CONTRACTOR IS SOLELY RESPONSIBLE FOR IMPLEMENTING ALL OTHER TRAFFIC CONTROL MEASURES REQUIRED TO FULLY PROTECT PEDESTRIANS, BICYCLES, VEHICLES, AND THE CONTRACTOR'S WORK FORCE.
3. THE CONTRACTOR WILL ENSURE THAT ALL BARRICADES, WARNING SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED FOR TRAFFIC CONTROL ARE IN PLACE AND OPERATIONAL TWENTY-FOUR (24) HOURS EACH CALENDAR DAY FROM THE START OF ON-SITE WORK TO FINAL COMPLETION. IN PARTICULAR, ENSURE THAT WARNING LIGHTS ARE FUNCTIONING DURING NIGHT-TIME HOURS. CHECK WARNING LIGHTS EACH CALENDAR DAY TO VERIFY FUNCTIONALITY, REPLACE BATTERIES/BULBS, AND/OR REPLACE LIGHT ASSEMBLIES AS NECESSARY.
4. DRUM TYPE, SAWHORSE, AND TYPE 3 BARRICADES SHALL BE EQUIPPED WITH WORKING FLASHING LIGHTS AND REFLECTORIZED FLOURESCENT ORANGE AND WHITE SHEETING.
5. ARROW BOARDS SHALL BE SILENT TYPE POWERED BY ELECTRICITY OR BATTERY PACKS. NO ENGINE/GENERATOR-POWERED ARROW BOARDS ARE PERMITTED.
6. CHANGEABLE MESSAGE BOARDS MAY BE REQUIRED AT ONE OR MORE OF THE LOCATIONS IN ADVANCE OF THE WORK BEGINNING. ENGINEER TO DETERMINE PLACEMENT AND WORDING OF THE MESSAGE BOARDS.
7. THE CONTRACTOR WILL MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES DURING CONSTRUCTION EXCEPT FOR PERIODS OF SHORT DURATION WHEN APPROVED BY THE ENGINEER. SCHOOL BUSES AND EMERGENCY VEHICLES SHALL HAVE ACCESS TO ALL PREMISES AT ALL TIMES.
8. THE CONTRACTOR WILL PLACE TEMPORARY "NO PARKING" SIGNS, IF NEEDED, A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO WORK BEGINNING. ALL "NO PARKING" SIGNS MUST HAVE THE APPROVAL AND BE AFFIXED AND DISPLAYED TO THE SATISFACTION OF THE ENGINEER. POSTING SIGNS ON TREES SHALL BE DONE IN A MANNER TO FACILITATE REMOVAL WITHOUT DAMAGING TREES. STAPLING OR NAILING SIGNS TO TREES IS PROHIBITED. KEEP A LOG OF ALL "NO PARKING" SIGNS AND SUBMIT TO THE ENGINEER PROMPTLY UPON REQUEST.
9. CONTRACTOR WILL CONTACT THE CITY'S PARKING SERVICES DEPARTMENT AT 847-448-4311 TWO (2) WORKING DAYS PRIOR TO WORK BEGINNING TO COORDINATE HOODING OF PARKING METERS. NO FEES WILL BE CHARGED TO THE CONTRACTOR FOR NECESSARY AND CITY AUTHORIZED HOODING OF PARKING METERS.
10. UTILITY TRENCHES SHALL BE COVERED OR FILLED AT THE END OF EACH DAY. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
11. THE CONTRACTOR SHALL NOTIFY PACE OR THE ILLINOIS CONVENIENCE AND SAFETY CORPORATION (ICSC) AT LEAST SEVEN (7) DAYS IN ADVANCE OF THE REMOVAL OF THE BUS STOP SHELTER OR CLOSURE OF THE BUS STOP.
12. CTA TRAFFIC PLANNING MUST BE NOTIFIED AT TRAFFIC.PLANNING@TRANSITCHICAGO.COM AT LEAST TWO (2) WEEKS IN ADVANCE OF THE TIME CONSTRUCTION WILL COMMENCE, AND IN ADVANCE OF ANY IMPACT TO BUS STOPS OR BUS OPERATIONS.
13. THE CTA REQUIRES THAT NO TWO CONSECUTIVE BUS STOPS IN ONE DIRECTION OF TRAVEL ARE ELIMINATED AT THE SAME TIME. THE CONTRACTOR SHALL SUBSTAGE WORK AS NECESSARY OR PROVIDE TEMPORARY ADA COMPLIANT PEDESTRIAN ACCESS THROUGH THE WORK ZONE TO AN EXISTING OR TEMPORARILY RELOCATED BUS STOP.
14. IF A BUS STOP IS BEING RELOCATED, THE INFRASTRUCTURE AT THE NEW LOCATION SHALL BE CONSTRUCTED PRIOR TO THE REMOVAL OF THE INFRASTRUCTURE AT THE EXISTING LOCATION

MAINTENANCE OF TRAFFIC SIGNING LEGEND



W20-1103(0)-48

(A)



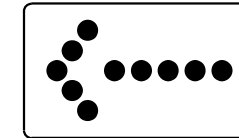
W21-1(0)-48

(B)



W20-5(0)-48

(C)



ARROW BOARD

(D)



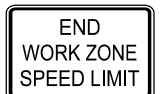
G20-1105(O)
60" X 24"

(E)



21-1115(O) - 36" X 18"
R2-1 - 36" X 48"
R2-1106P - 36" X 18"

(F)



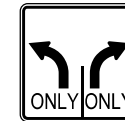
G20-1103(O)
60" X 36"

(G)



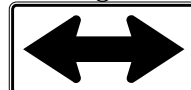
W20-1103(0)-48
M6-4-2115

(H)



R3-8-3030

(I)



MODEL: Default FILE: \na\c:\p\work\benby.com\sh-pw-01\Documents\01 Active Projects\MM-CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan Sheets\168112005-shr-encounter_kva



USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	39
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

DESCRIPTION OF STAGES

CENTRAL STREET WATER MAIN AND SEWER INSTALLATION

STAGE 1 CONSTRUCTION

- INSTALL WATER MAIN AND SEWER AT GREEN BAY RD AND CENTRAL ST INTERSECTION.

STAGE 1 TRAFFIC

- MAINTAIN TRAFFIC IN ALL DIRECTIONS AT GREEN BAY RD AND CENTRAL ST USING SUB-STAGES AND IDOT STANDARDS 701311-03 AND 701701-10.

STAGE 2 CONSTRUCTION

- INSTALL WATER MAIN AT PRAIRIE AVE AND CENTRAL ST INTERSECTION.
- INSTALL WATER MAIN ALONG SOUTH PORTION OF CENTRAL ST BETWEEN PRAIRIE AVE AND GREEN BAY RD.

STAGE 2 TRAFFIC

- MAINTAIN TRAFFIC IN ALL DIRECTIONS AT PRAIRIE AVE AND CENTRAL ST USING SUB-STAGES AND IDOT STANDARDS 701311-03 AND 701701-10.
- SHIFT TRAFFIC TO NORTH PORTION OF CENTRAL ST BETWEEN PRAIRIE AVE AND GREEN BAY RD.

STAGE 3 CONSTRUCTION

- INSTALL WATER MAIN ALONG SOUTH PORTION OF CENTRAL ST BETWEEN GREEN BAY RD AND BROADWAY AVE.
- INSTALL WATER MAIN AT BROADWAY AVE AND CENTRAL ST INTERSECTION.

STAGE 3 TRAFFIC

- MAINTAIN TRAFFIC IN ALL DIRECTIONS AT GREEN BAY RD AND CENTRAL ST USING SUB-STAGES AND IDOT STANDARDS 701311-03 AND 701701-10.
- DETOUR EB CENTRAL ST TRAFFIC VIA GREEN BAY RD, NOYES ST, AND RIDGE AVE.

GREEN BAY ROAD AND CENTRAL STREET IMPROVEMENTS

STAGE 4A AND 4B CONSTRUCTION

- CONSTRUCT CURB AND GUTTER, SIDEWALK, AND INTERSECTION RAMPS ON SOUTH PORTION OF CENTRAL ST BETWEEN PRAIRIE AVE AND EASTERN PROJECT LIMITS.

STAGE 4A AND 4B TRAFFIC

- SHIFT EB CENTRAL ST TRAFFIC TO NORTH PORTION OF CENTRAL ST BETWEEN PRAIRIE AVE AND EASTERN PROJECT LIMITS
- MAINTAIN PEDESTRIAN ACCESS USING IDOT STANDARD 701801-06 (SIDEWALK, CORNER OR CROSSWALK CLOSURE).

STAGE 4C AND 4D CONSTRUCTION

- CONSTRUCT CURB AND GUTTER, SIDEWALK, AND INTERSECTION RAMPS ON NORTH PORTION OF CENTRAL ST BETWEEN PRAIRIE AVE AND EASTERN PROJECT LIMITS.
- CONSTRUCT CURB AND GUTTER, SIDEWALK, AND INTERSECTION RAMPS AT POPLAR AVE AND BROADWAY AVE.

STAGE 4C AND 4D TRAFFIC

- SHIFT WB CENTRAL ST TRAFFIC TO SOUTH PORTION OF CENTRAL ST BETWEEN PRAIRIE AVE AND EASTERN PROJECT LIMITS.
- DETOUR NB POPLAR AVE TRAFFIC VIA BROADWAY AVE AND LIVINGSTON ST.
- MAINTAIN PEDESTRIAN ACCESS USING IDOT STANDARD 701801-06 (SIDEWALK, CORNER OR CROSSWALK CLOSURE).

STAGE 5A AND 5D CONSTRUCTION

- CONSTRUCT CURB AND GUTTER AND INTERSECTION RAMPS ON EAST PORTION OF GREEN BAY RD BETWEEN MCCORMICK BLVD AND ISABELLA ST.

STAGE 5A AND 5D TRAFFIC

- CLOSE OUTSIDE NB LANE OF GREEN BAY RD BETWEEN MCCORMICK BLVD AND ISABELLA ST.
- MAINTAIN PEDESTRIAN ACCESS USING IDOT STANDARD 701801-06 (SIDEWALK, CORNER OR CROSSWALK CLOSURE).

STAGE 5B AND 5C CONSTRUCTION

- CONSTRUCT CURB AND GUTTER, SIDEWALK, AND INTERSECTION RAMPS ON WEST PORTION OF GREEN BAY RD BETWEEN MCCORMICK BLVD AND ISABELLA ST.

STAGE 5B AND 5C TRAFFIC

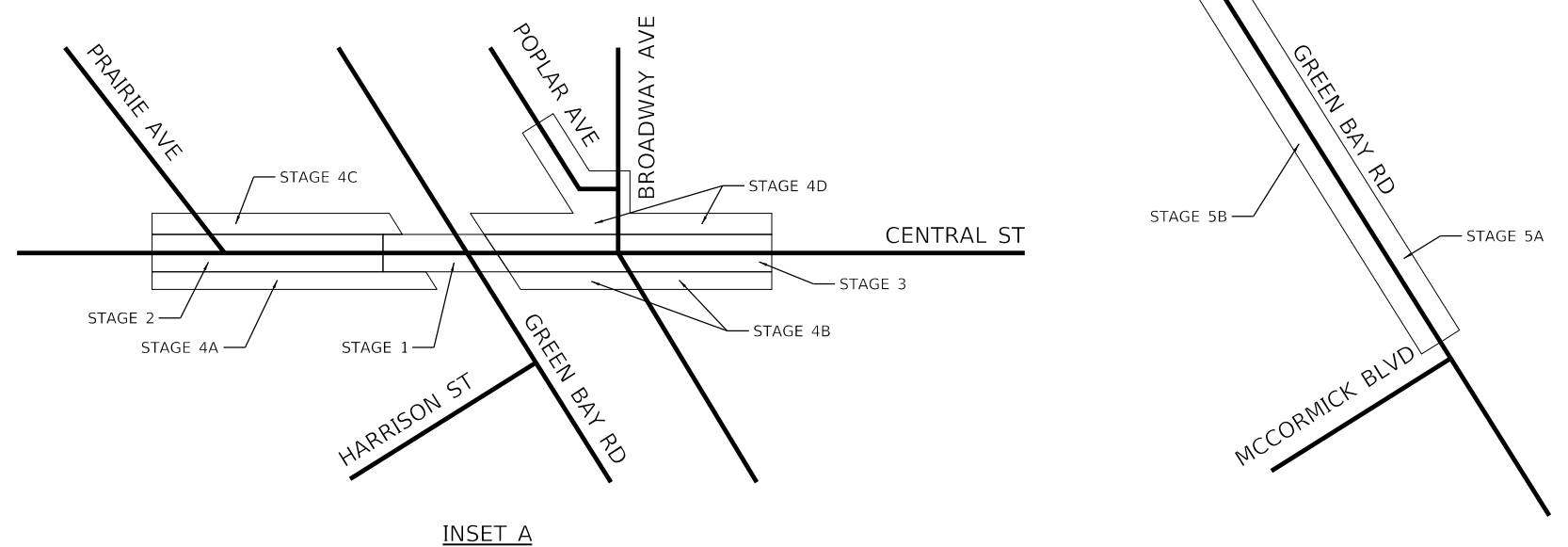
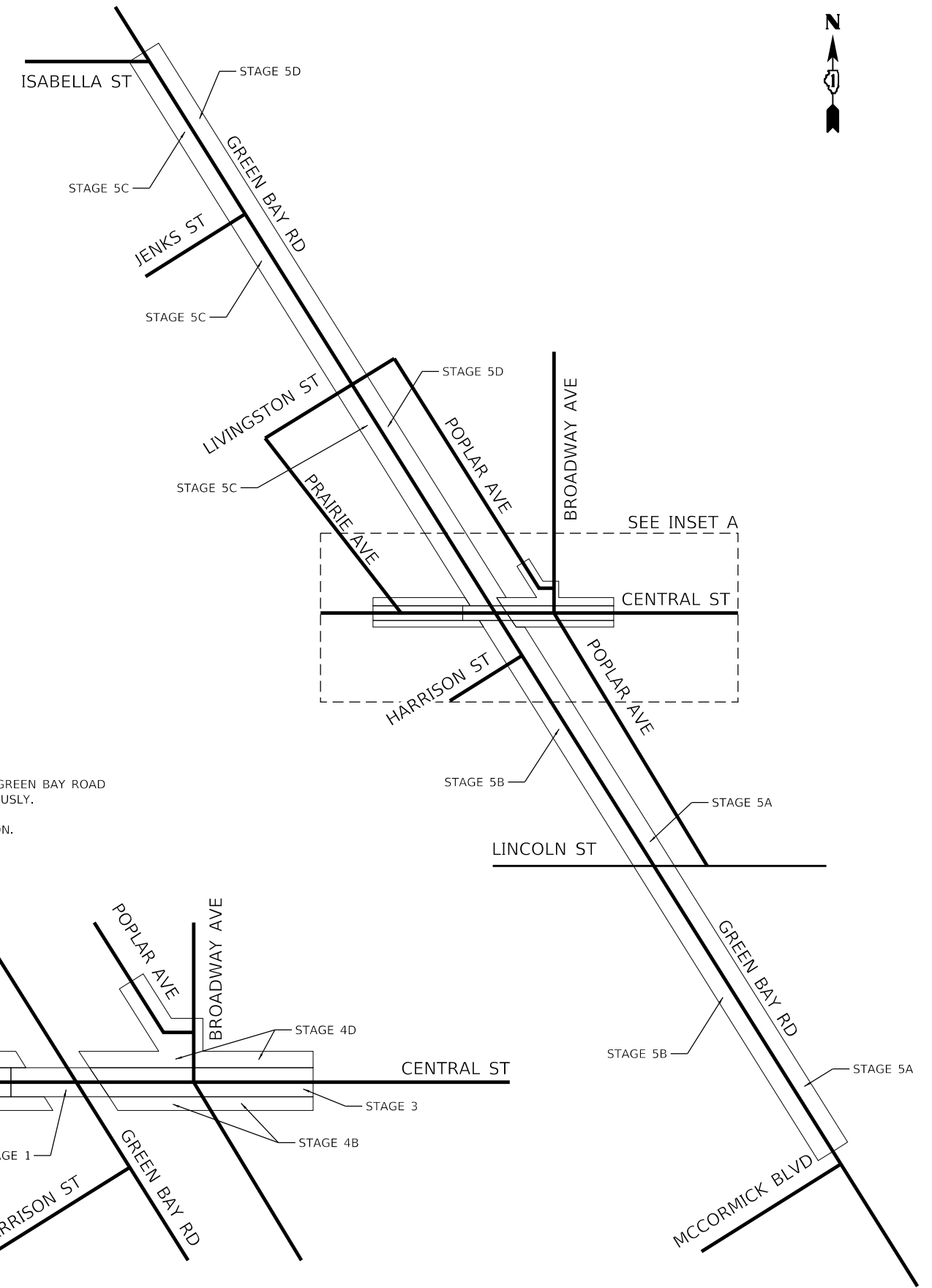
- CLOSE OUTSIDE SB LANE OF GREEN BAY RD BETWEEN MCCORMICK BLVD AND ISABELLA ST.
- MAINTAIN PEDESTRIAN ACCESS USING IDOT STANDARD 701801-06 (SIDEWALK, CORNER OR CROSSWALK CLOSURE).

POST-STAGE CONSTRUCTION

- REMOVE PAVEMENT SURFACE.
- RESURFACE PAVEMENT.
- INSTALL PAVEMENT MARKINGS.

POST-STAGE TRAFFIC

- MAINTAIN TRAFFIC IN ALL DIRECTIONS THROUGHOUT PROJECT LIMITS USING IDOT STANDARDS 701311-03 AND 701701-10.



NOTES

1. THE CONTRACTOR WILL BE PERMITTED TO WORK ON GREEN BAY ROAD AND CENTRAL STREET ROADWAY STAGES SIMULTANEOUSLY.
2. STAGE 1, 2 AND 3 ARE FOR WATER MAIN INSTALLATION.

MODEL: Default
 FILE: Main: C:\pwworkspace\benby.com\hwy-011\Documents\01_Active Projects\MW-CUS-168112005 - Green Bay Road - Phase 1B2_Design\CADD\Plan_Sheets\168112005-shr-enc-staging_K1A.dwg
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WENTFORD ROAD, SUITE 600
 WARRENVILLE, IL 60090
 PHONE: 630-471-4600
 WWW.KIMLEY-HORN.COM



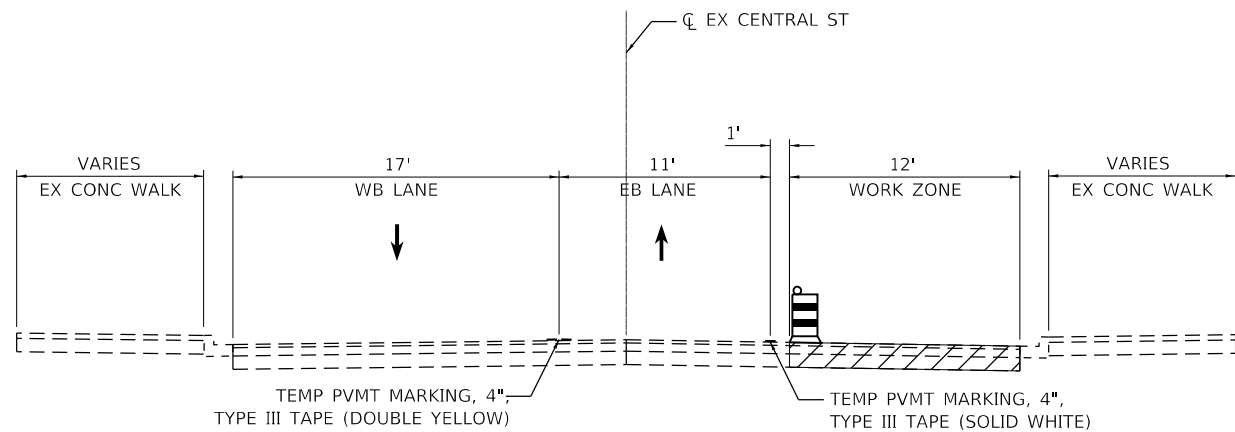
USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

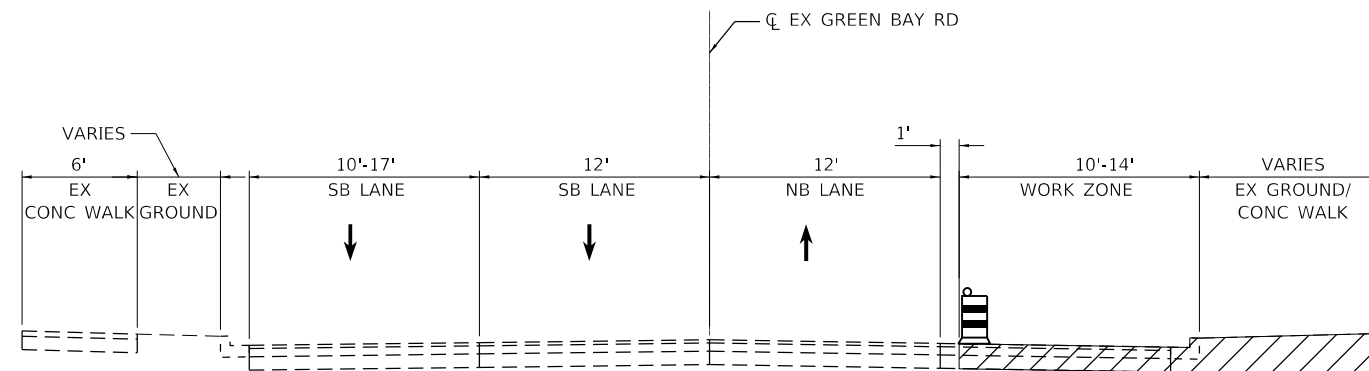
MAINTENANCE OF TRAFFIC
DESCRIPTION OF STAGES AND STAGING MAP

SCALE: SHEET OF SHEETS STA. TO STA.

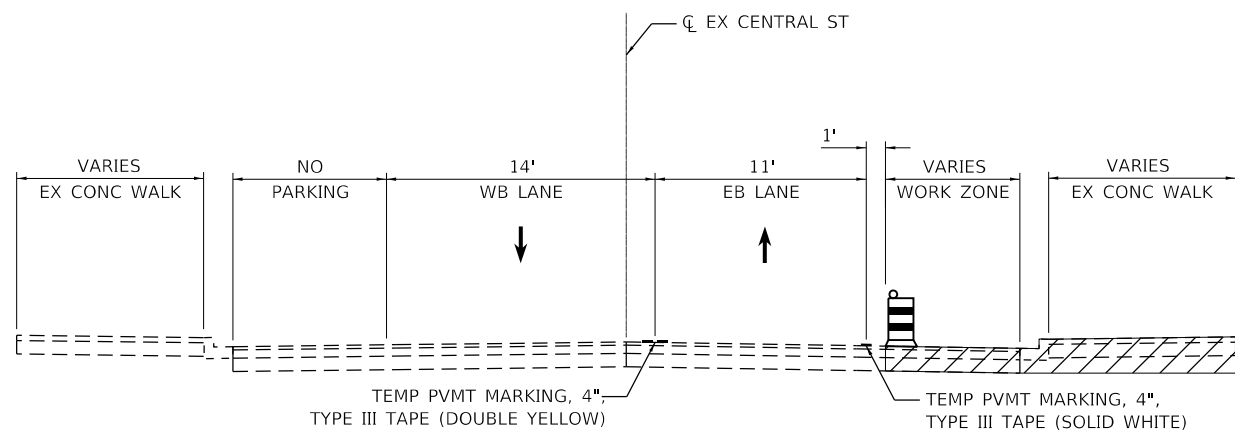
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	40
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



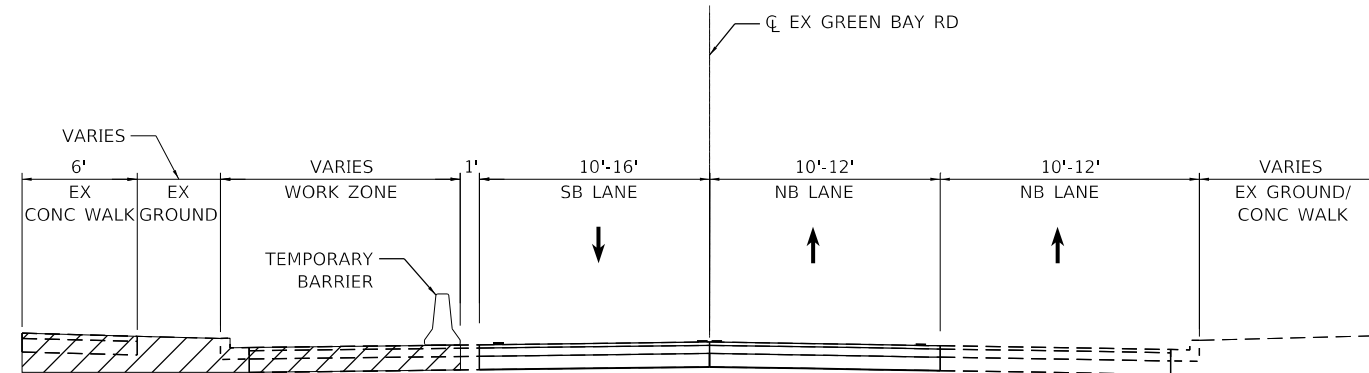
STAGE 2
CENTRAL STREET
STA. 2411+78.73 TO STA. 2414+00.00



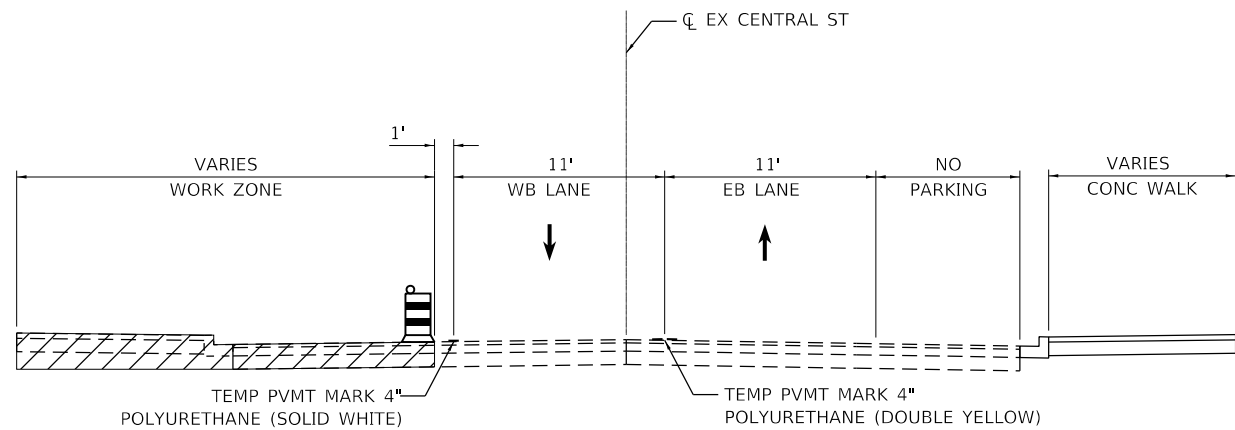
STAGE 5A AND 5D
GREEN BAY ROAD
STA. 1203+18.50 TO STA. 1242+04.55



STAGE 4A AND 4B
CENTRAL STREET
STA. 2411+78.73 TO STA. 2418+07.80







STAGE 5B AND 5C
GREEN BAY ROAD
STA. 1203+18.50 TO STA. 1242+04.55



STAGE 4C AND 4D
CENTRAL STREET
STA. 2411+78.73 TO STA. 2418+07.80

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  CONSTRUCTION DRUM
-  TEMPORARY BARRIER

MODEL: Default
 FILE: M:\GIS_Plan\Bentley.com\shp\p-01\Documents\01_Active Projects\MW-CUS-168112005 - Green Bay Road - Phase B2_Design\CADD\Plan_Sheets\168112005-shp-encr\ctyp.kia
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-471-6500
 WWW.KIMLEY-HORN.COM



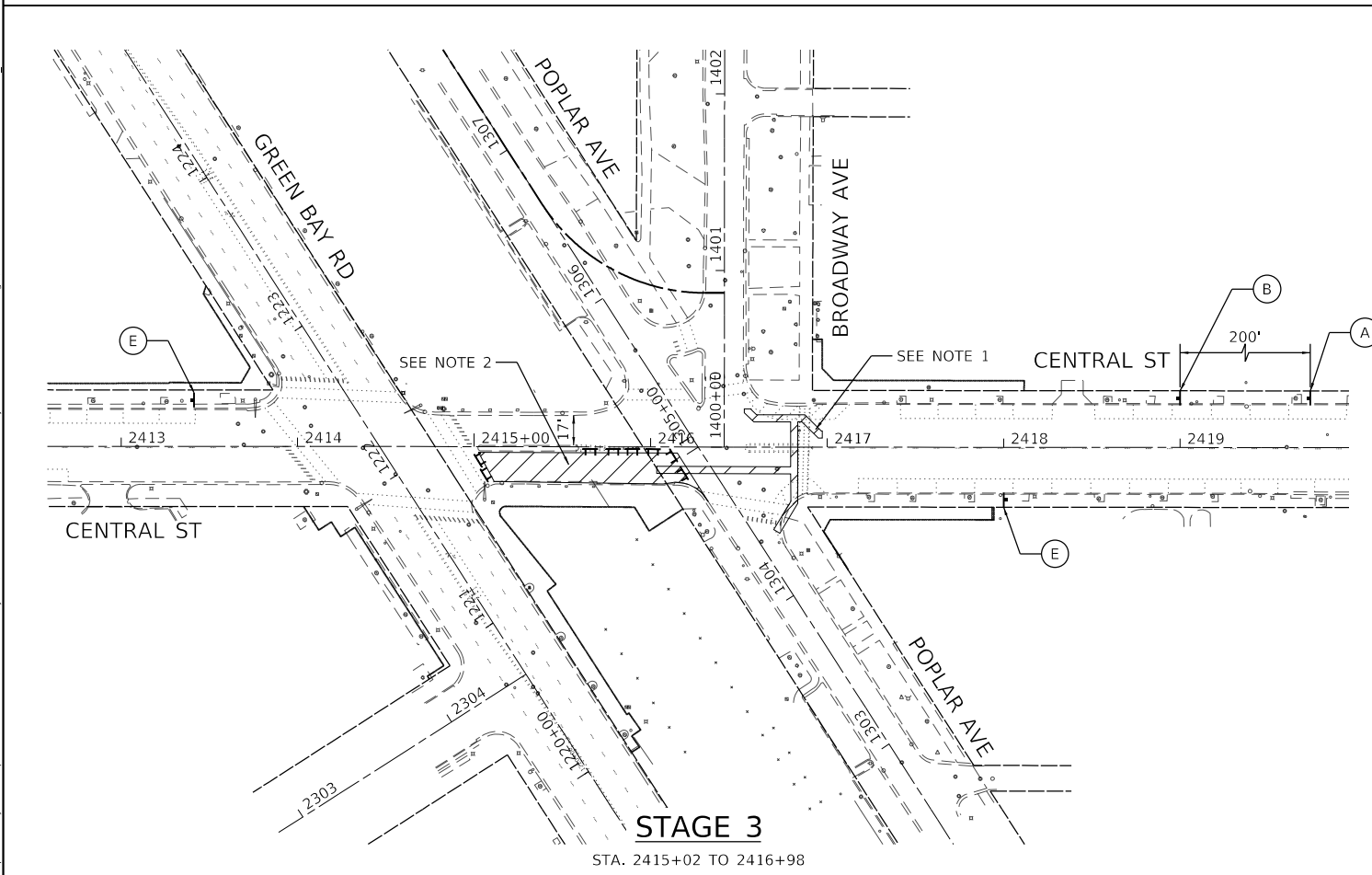
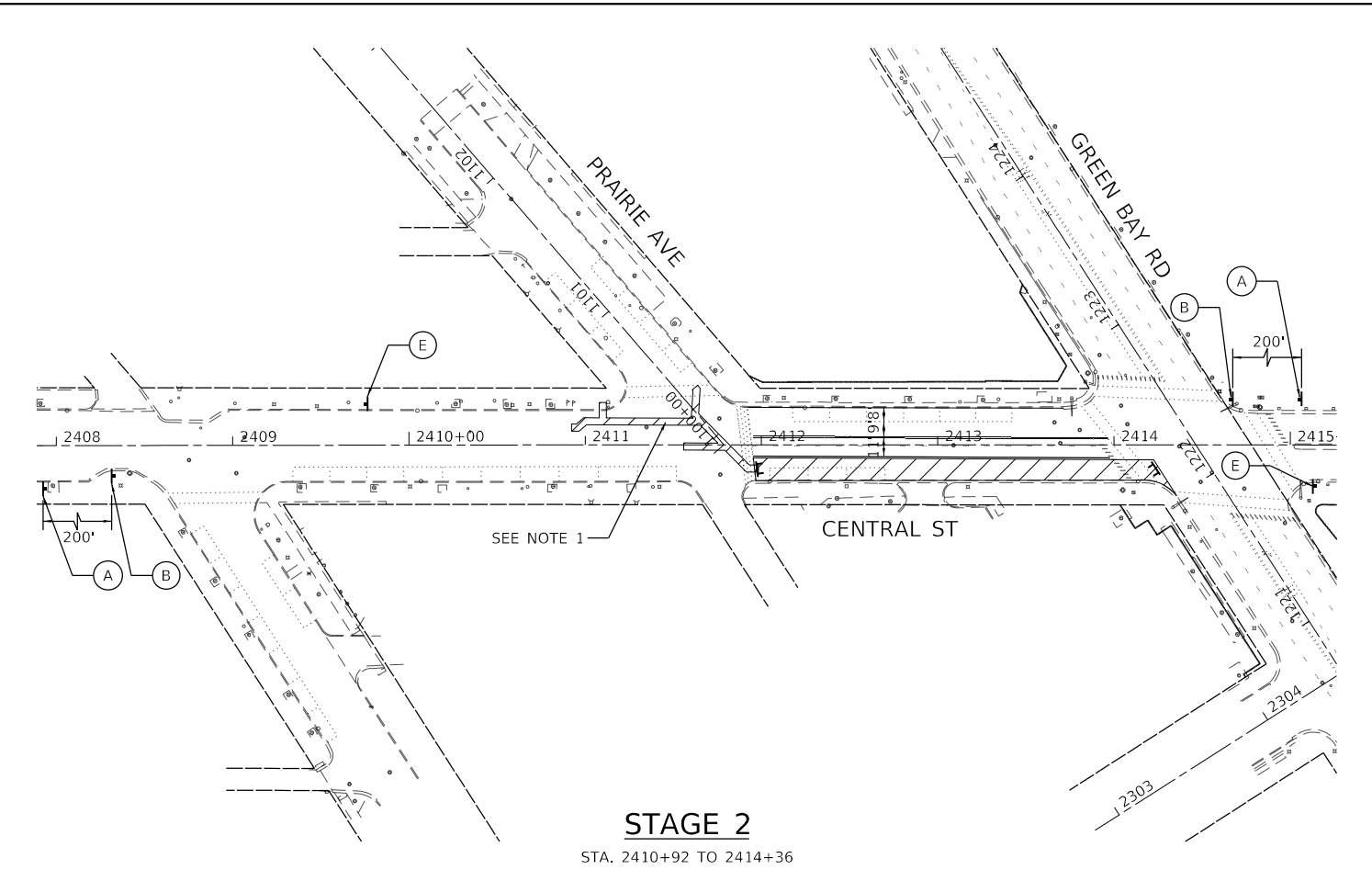
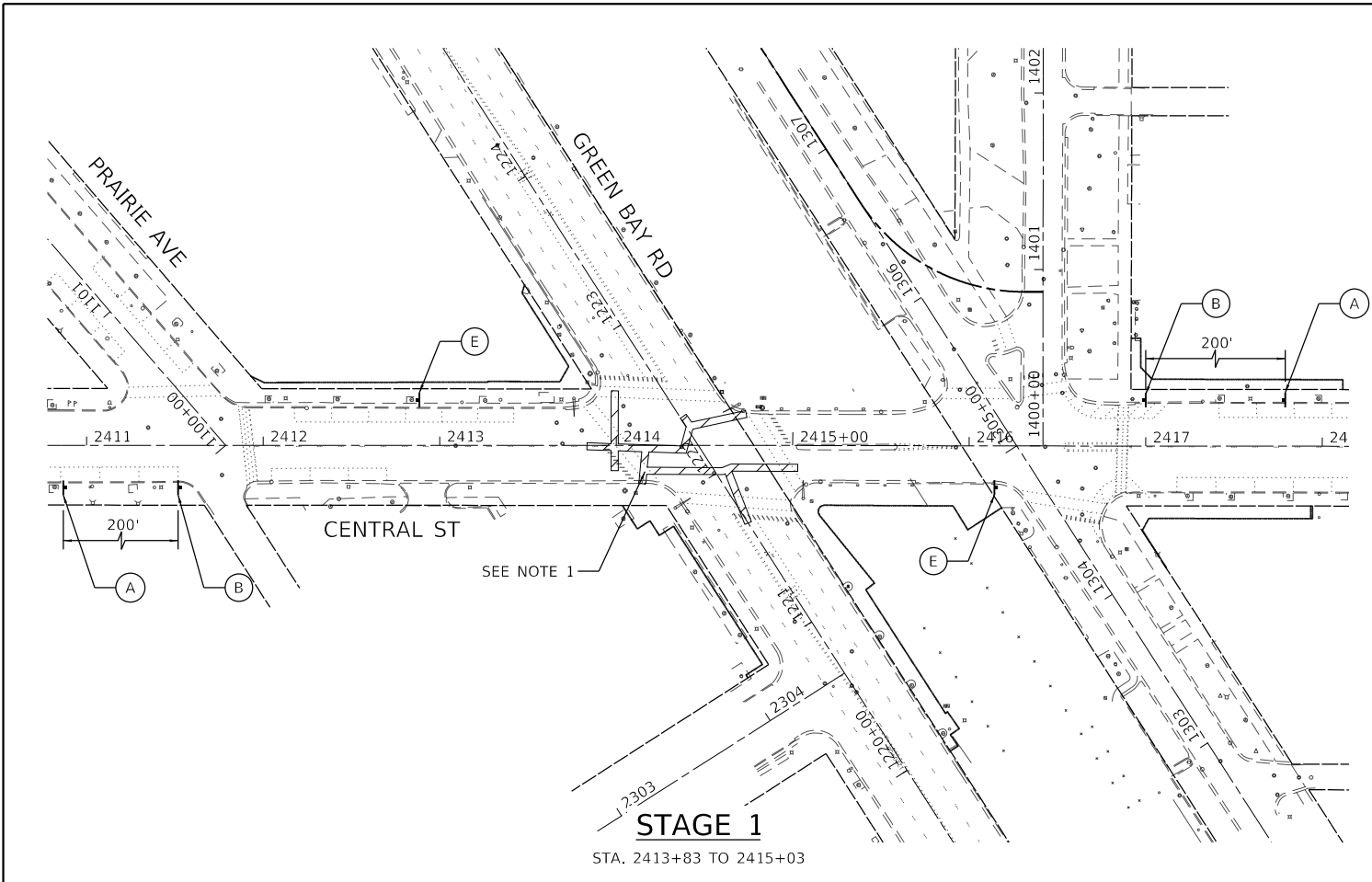
USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS**

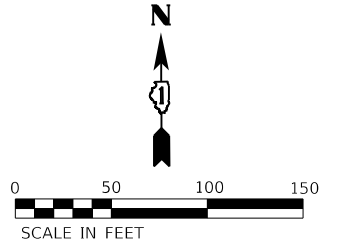
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	41
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



NOTES

1. WATER MAIN CONSTRUCTION TO BE SUB-STAGED IN SHORT SEGMENTS TO KEEP CENTRAL ST AND GREEN BAY RD OPEN USING IDOT STANDARDS 701311-03 AND 701701-10.
2. SEE EASTBOUND CENTRAL ST DETOUR SHEET.



LEGEND

- WORK ZONE
- DRUMS
- SIGN
- DIRECTION OF TRAVEL
- TYPE III BARRICADE

MODEL: Default
 FILE: h:\mhc\p\hwy_bentley.com\hwy_bentley.com\hwy_01\Documents\01_Active Projects\MW\CHS-168112005 - Green Bay Road - Phase III Design\CAD\Plan Sheets\168112005-sht-mnc-01.dwg
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60090
 PHONE: 630-471-6500
 WWW.KIMLEY-HORN.COM



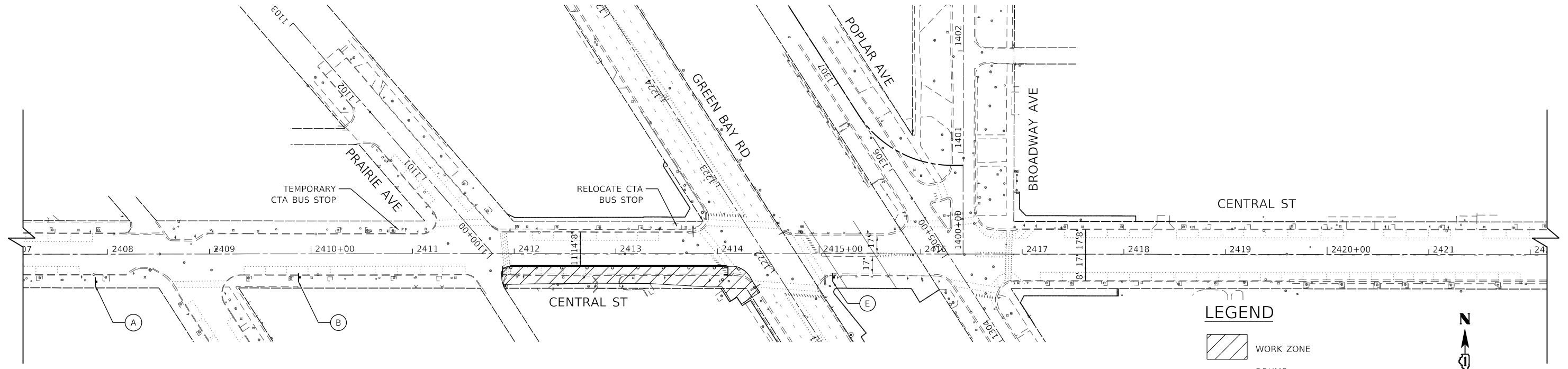
USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1, STAGE 2, AND STAGE 3**






SCALE: 1" = 50' SHEET 1 OF 7 SHEETS STA. TO STA.

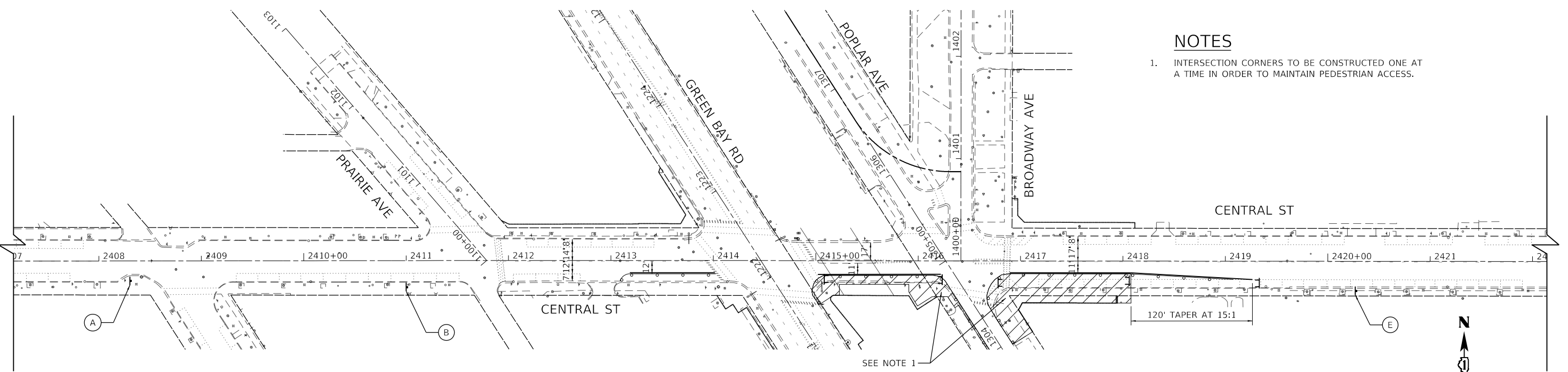
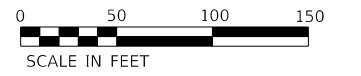
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	42
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



STAGE 4A

LEGEND

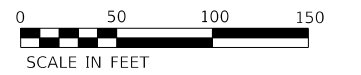
-  WORK ZONE
-  DRUMS
-  SIGN
-  DIRECTION OF TRAVEL
-  TYPE III BARRICADE



STAGE 4B

NOTES

1. INTERSECTION CORNERS TO BE CONSTRUCTED ONE AT A TIME IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.



MODEL: Default
 FILE: \\nas01\pwwork\pwwork\benby.com\sh-pw-01\Documents\01 Active Projects\WK-CUS-168112005 - Green Bay Road - Phase II-2 Design\CAD\Plan Sheets\168112005-sh-enc-c2_4A.dwg
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-487-6600
 WWW.KIMLEY-HORN.COM



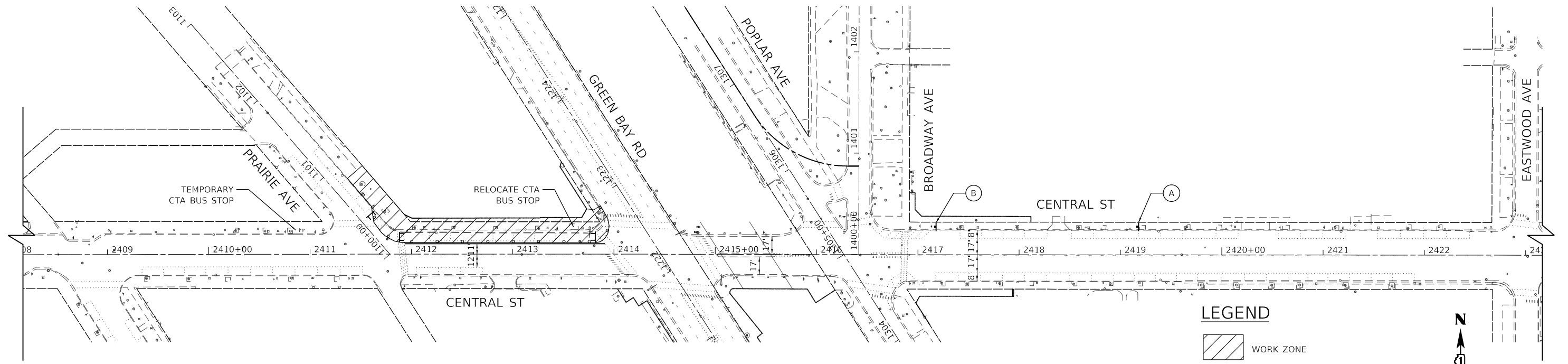
USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 4A AND STAGE 4B**

SCALE: 1" = 50' SHEET 2 OF 7 SHEETS STA. TO STA.

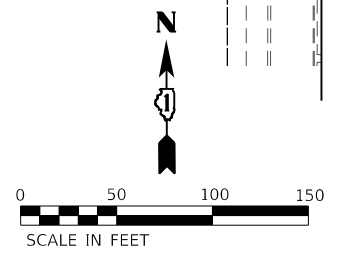
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	43
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



STAGE 4C

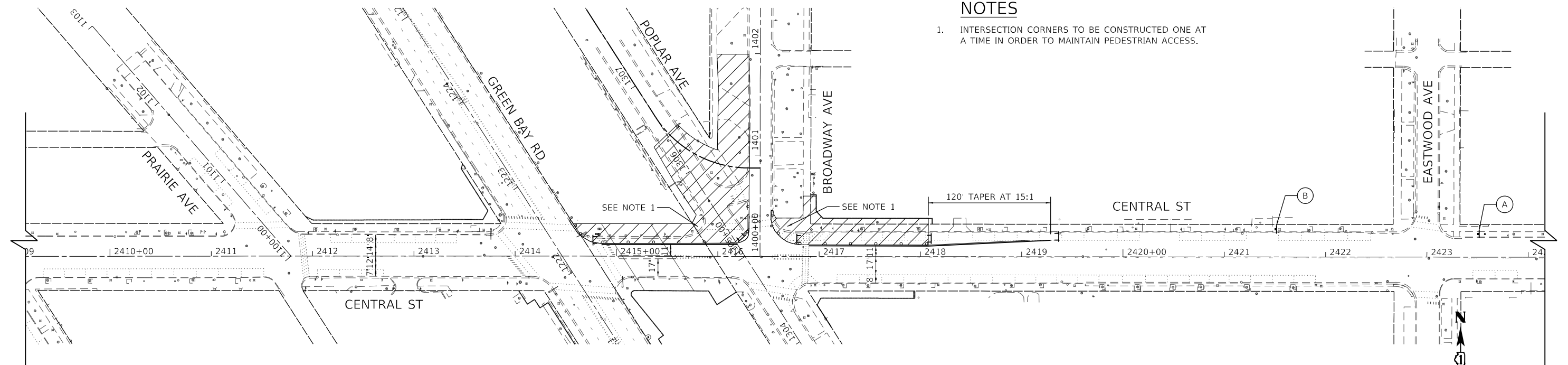
LEGEND

- WORK ZONE
- DRUMS
- SIGN
- DIRECTION OF TRAVEL
- TYPE III BARRICADE

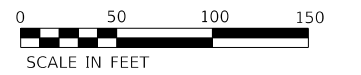


NOTES

1. INTERSECTION CORNERS TO BE CONSTRUCTED ONE AT A TIME IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.



STAGE 4D



MODEL: Default
 FILE: M:\GIS_Plan\pwbentley.com\shp-01\Documents\01_Active_Projects\WK-CUS-168112005 - Green Bay Road - Phase B\2_Design\CAD\Plan_Sheets\168112005-shp-enc03.dwg
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WENTFORD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630.487.6600
 WWW.KIMLEY-HORN.COM



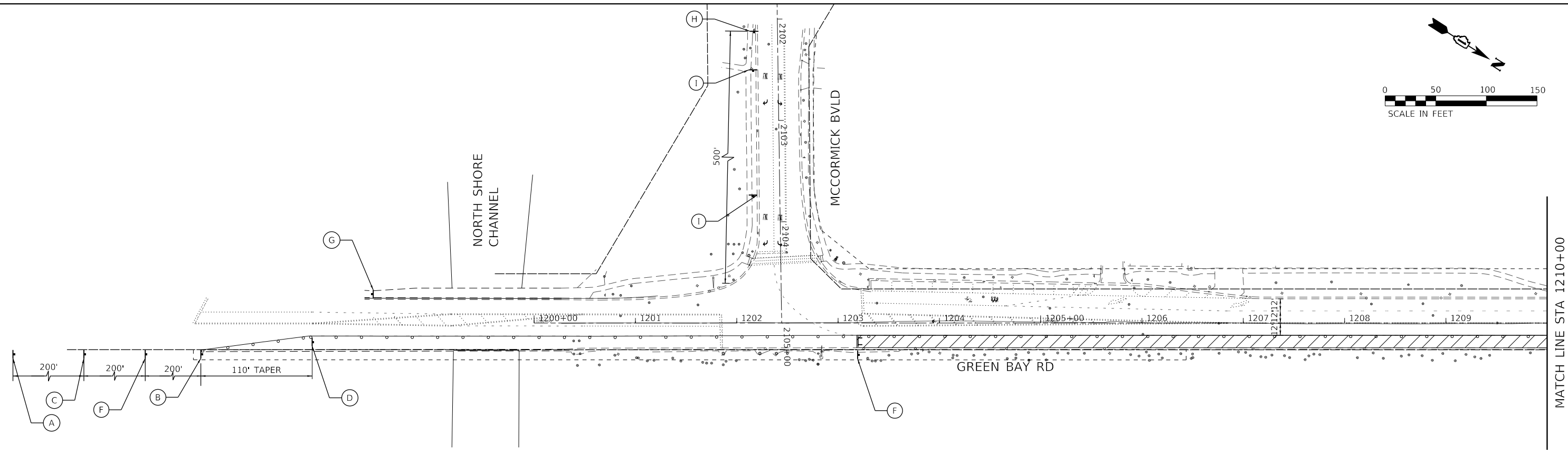
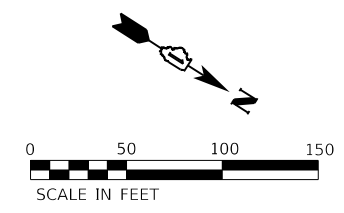
USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 4C AND STAGE 4D**

SCALE: 1" = 50' SHEET 3 OF 7 SHEETS STA. TO STA.

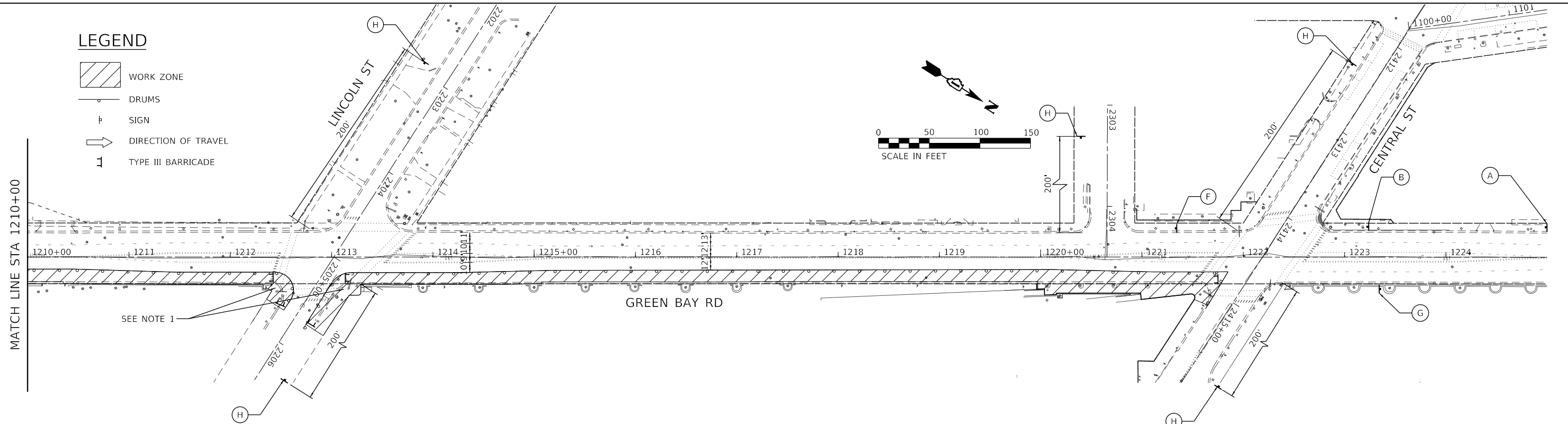
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	44
CONTRACT NO. 61K60				
		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA 1210+00

LEGEND

- WORK ZONE
- DRUMS
- SIGN
- DIRECTION OF TRAVEL
- TYPE III BARRICADE



NOTES

1. INTERSECTION CORNERS TO BE CONSTRUCTED ONE AT A TIME IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.



USER NAME = JoelTurk
 DESIGNED -
 DRAWN -
 PLOT SCALE = 100,0000' / in.
 CHECKED -
 DATE -
 PLOT DATE = 7/10/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 5A**

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

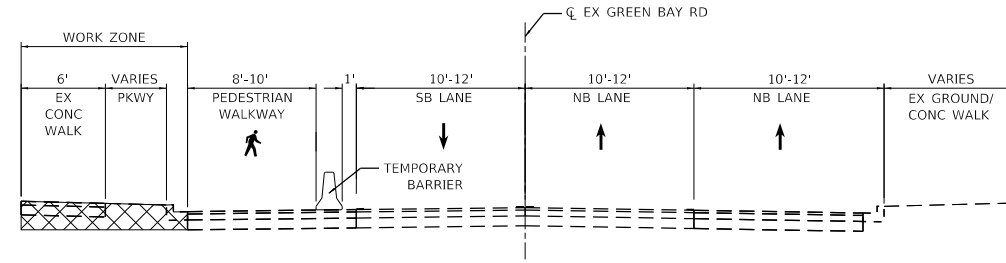
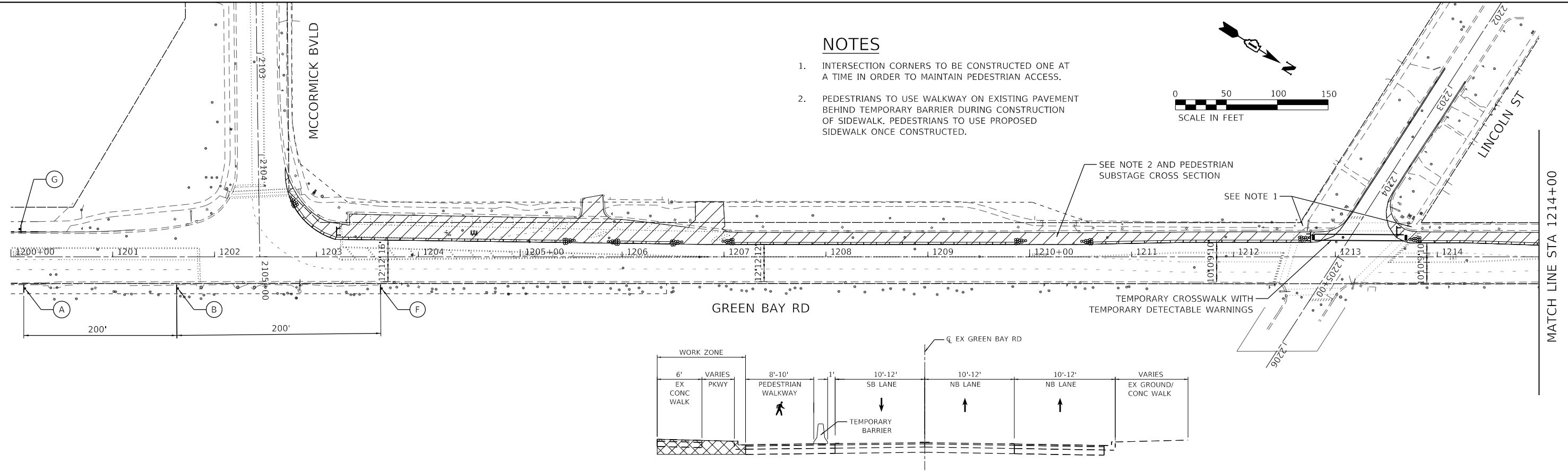
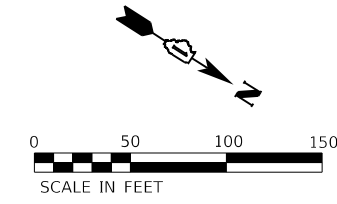
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	45
CONTRACT NO. 61K60				

ILLINOIS FED. AID PROJECT = 50'

MODEL: Default
 FILE: Main: C:\pwworkspace\kimley-horn.com\pwworkspace\11\Documents\01 Active Projects\WK-CHS-168112005 - Green Bay Road - Phase II: Design\CAD\Draw Sheets\168112005-sht-enc04.dwg
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-471-6500
 WWW.KIMLEY-HORN.COM

NOTES

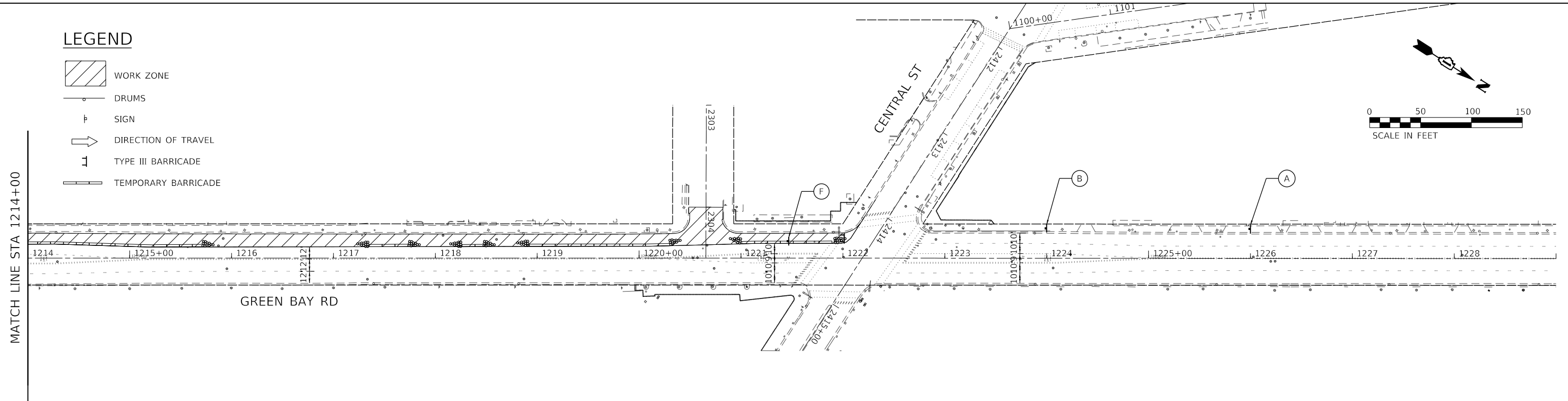
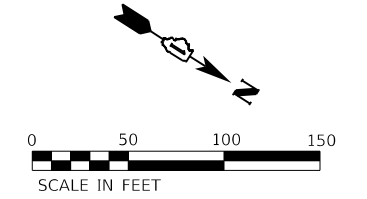
- INTERSECTION CORNERS TO BE CONSTRUCTED ONE AT A TIME IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.
- PEDESTRIANS TO USE WALKWAY ON EXISTING PAVEMENT BEHIND TEMPORARY BARRIER DURING CONSTRUCTION OF SIDEWALK. PEDESTRIANS TO USE PROPOSED SIDEWALK ONCE CONSTRUCTED.



STAGE 5B - PEDESTRIAN SUBSTAGE

LEGEND

- WORK ZONE
- DRUMS
- SIGN
- DIRECTION OF TRAVEL
- TYPE III BARRICADE
- TEMPORARY BARRICADE



MODEL: Default
 FILE: h:\mhc\pwworking\pwworking\projects\mhc\168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-sht-emp-c05.dwg
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WARFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-471-6600
 WWW.KIMLEY-HORN.COM



USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -







**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 5B**

SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. TO STA.

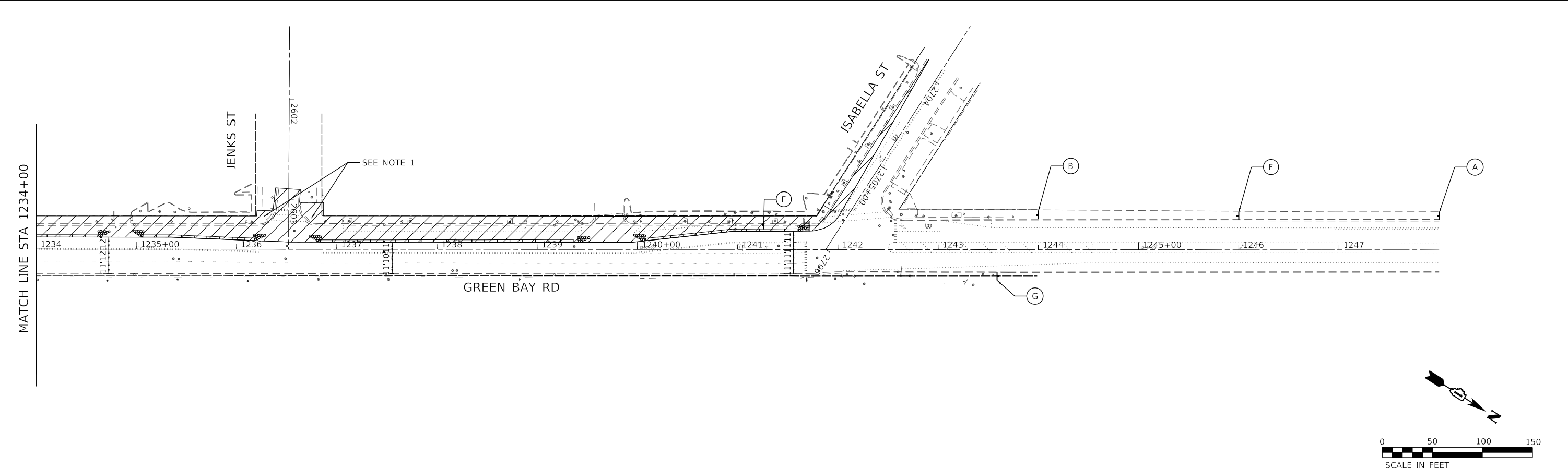
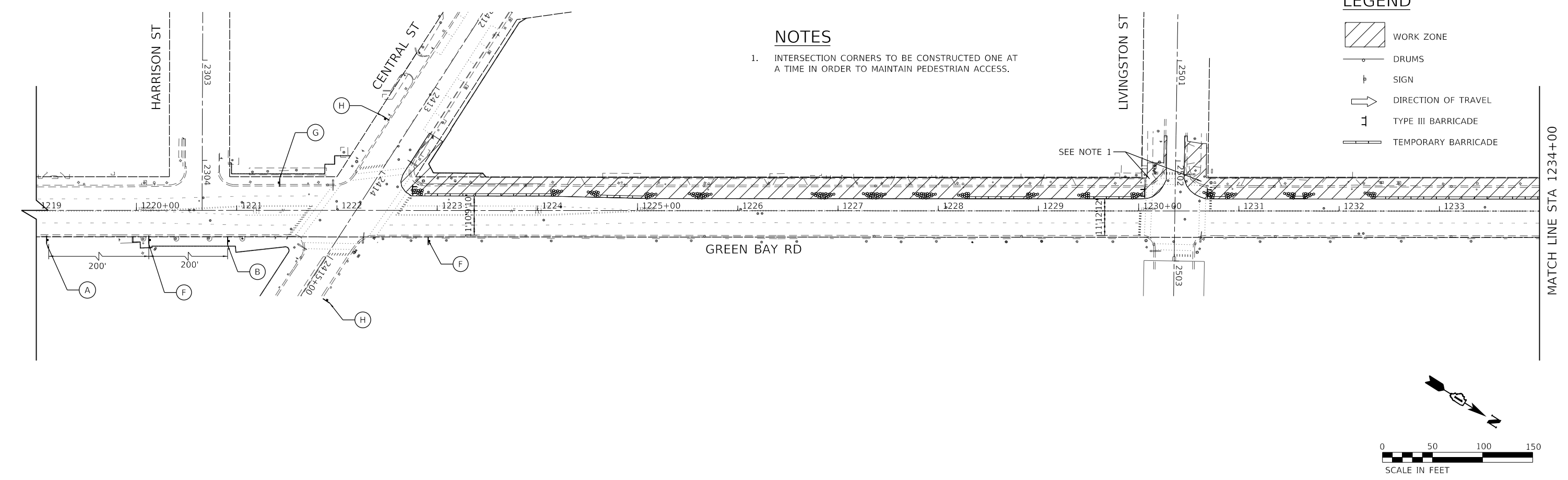
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	46
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

LEGEND

-  WORK ZONE
-  DRUMS
-  SIGN
-  DIRECTION OF TRAVEL
-  TYPE III BARRICADE
-  TEMPORARY BARRICADE

NOTES

1. INTERSECTION CORNERS TO BE CONSTRUCTED ONE AT A TIME IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.



MODEL: Default
 FILE: Main: C:\pwworking\kimley-horn.com\h-pw-01\Documents\01 Active Projects\WV\CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan Sheets\168112005-sht-mtc-06.dwg
 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-487-6600
 WWW.KIMLEY-HORN.COM



USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE	REVISED -






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

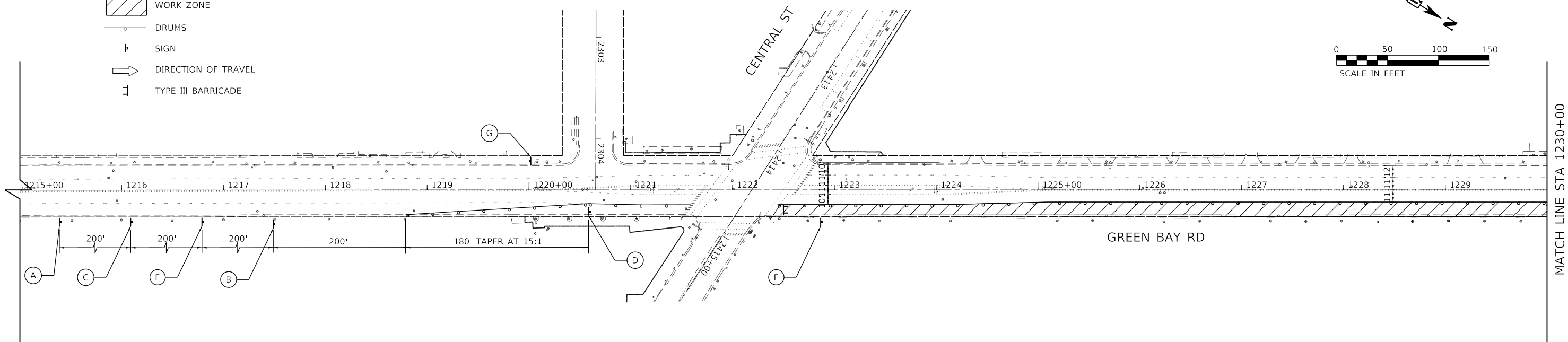
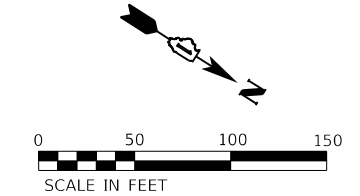
**MAINTENANCE OF TRAFFIC
STAGE 5C**

SCALE: 1" = 50' SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	47
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

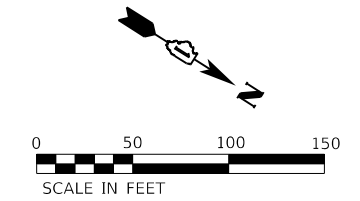
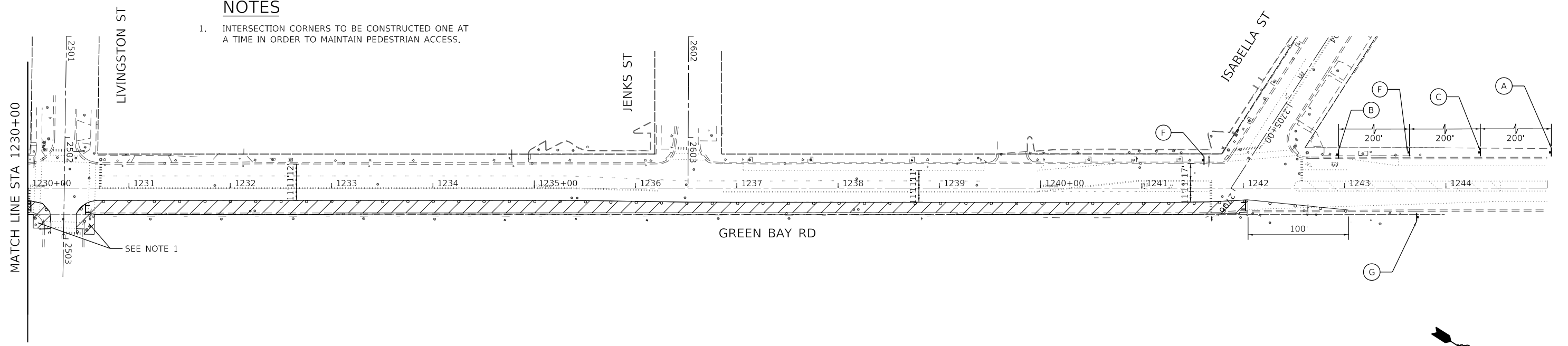
LEGEND

-  WORK ZONE
-  DRUMS
-  SIGN
-  DIRECTION OF TRAVEL
-  TYPE III BARRICADE



NOTES

1. INTERSECTION CORNERS TO BE CONSTRUCTED ONE AT A TIME IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.



MODEL: Default
 FILE: h:\mhc\proj\hwy_bentley.com\shp-01\Documents\01 Active Projects\WK-CUS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-shp-mtr-c07.dwg
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630.471.6600
 WWW.KIMLEY-HORN.COM



USER NAME = JoelTurk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 5D**

SCALE: 1" = 50' SHEET 7 OF 7 SHEETS STA. TO STA.

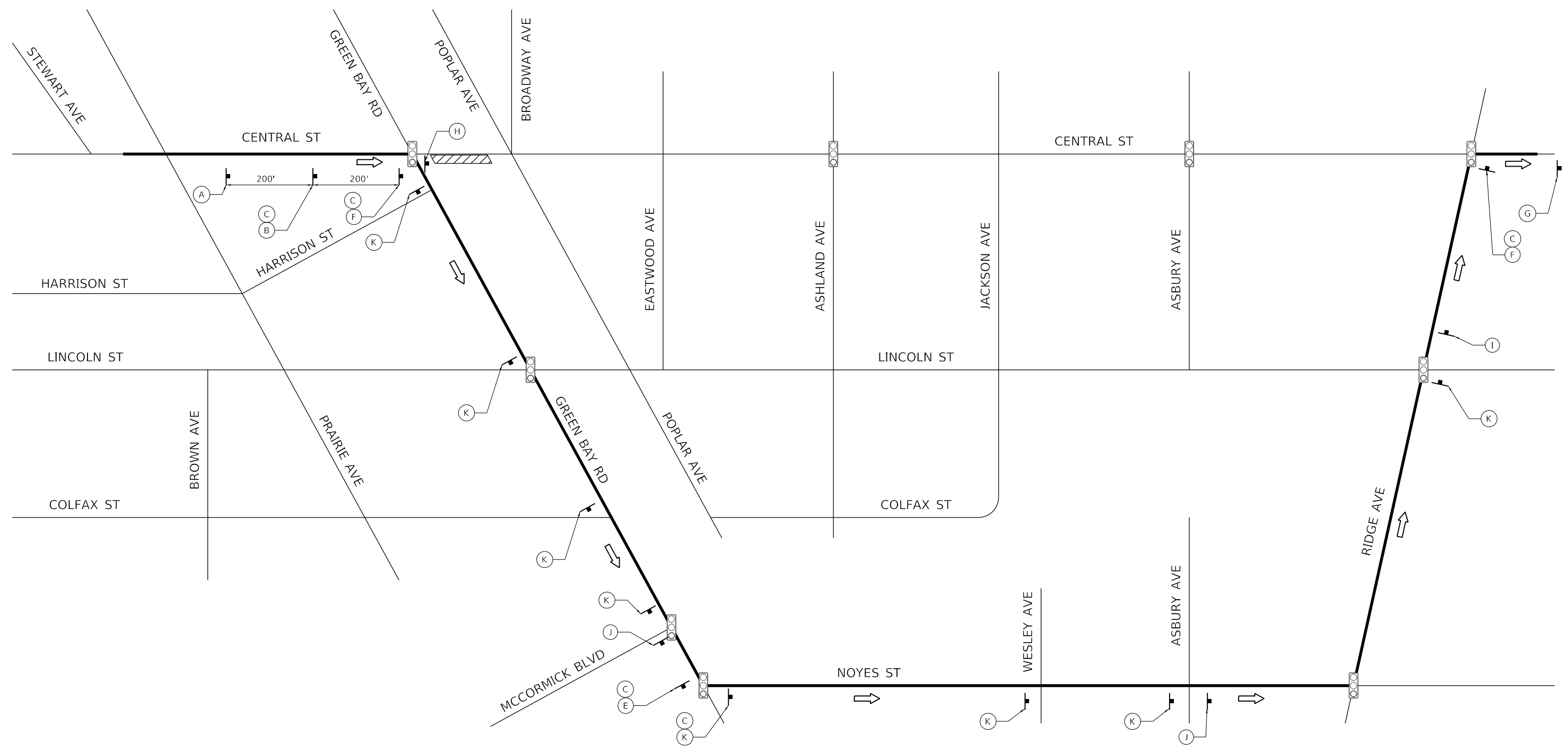
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	48
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK ZONE
- DETOUR ROUTE
- DIRECTION OF TRAFFIC FLOW
- SIGN
- SIGNALIZED INTERSECTION

W20-1103(O)-3636	W20-2A-3636	M3-2(O)-2412 CENTRAL ST-3612	M3-4(O)-2412 CENTRAL ST-3612	M4-9L-3024	M4-9R-3024	M4-8A-2418	R11-4-6030	M4-9R-3024	M4-9L-3024	M4-9-3024
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)



MODEL: Default
 FILE: \\nas01\pww\hntby.com\hntby\pww\01\Documents\01 Active Projects\WV\CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan_Sheets\168112005-sht-moc-detour-1.dgn
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-487-4600
 WWW.KIMLEY-HORN.COM



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -	
DRAWN - KKH	REVISOR -		
PLOT SCALE = 100,0000' / in.	CHECKED - JRS	REVISOR -	
PLOT DATE = 7/10/2024	DATE -	REVISOR -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
EASTBOUND CENTRAL STREET DETOUR**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

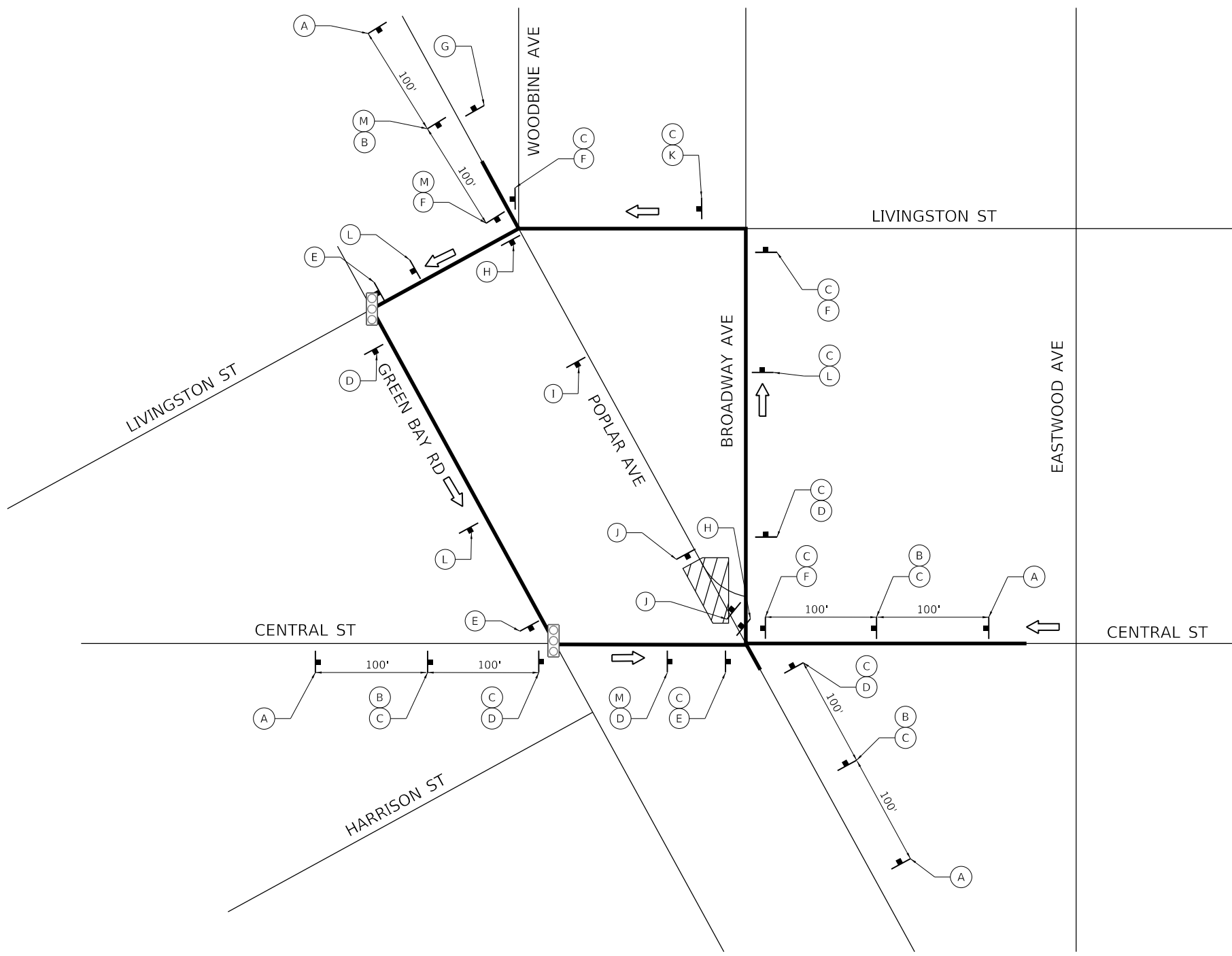
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	49
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK ZONE
- DETOUR ROUTE
- DIRECTION OF TRAFFIC FLOW
- SIGN
- SIGNALIZED INTERSECTION

W20-1103(O)-3636 (A)	W20-2A-3636 (B)	M3-1(O)-2412 POPLAR AVE-3612 (C)	M4-9-3024 (D)	M4-9L-3024 (E)	M4-9R-3024 (F)	M4-8A-2418 (G)	R11-4-6030 (H)	W20-1103(O)-3636 (I)	R11-2-4830 (J)	M4-9R-3024 (K)	M4-9L-3024 (L)	M3-3(O)-2412 POPLAR AVE-3612 (M)



MODEL: Default
 FILE: h:\mhc\p\w_bentley.com\h\p\01\Documents\01 Active Projects\WW\CHS-168112005 - Green Bay Road - Phase II\2_Design\CADD\Plan_Sheets\168112005-ah-nc-detour-2.dgn
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60555
 PHONE: 630-487-4600
 WWW.KIMLEY-HORN.COM



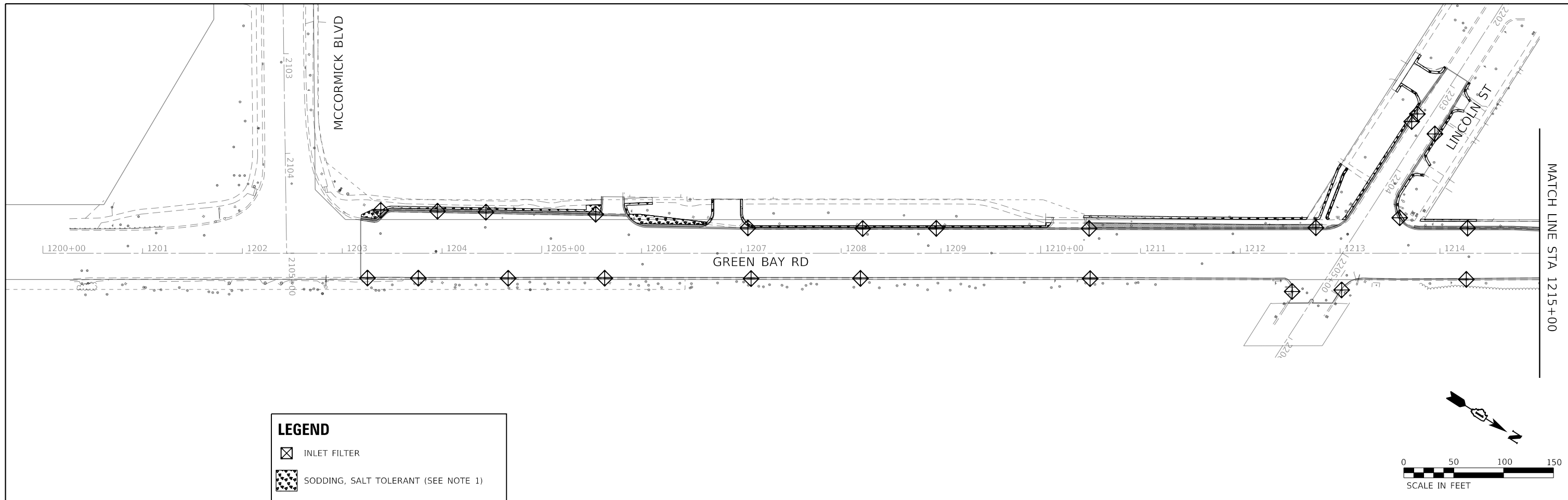
USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
DRAWN - KKH	REVISOR -	
PLOT SCALE = 100,0000 ' / in.	CHECKED - JRS	REVISOR -
PLOT DATE = 7/10/2024	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**MAINTENANCE OF TRAFFIC
NORTHBOUND AND SOUTHBOUND POPLAR AVENUE DETOUR**

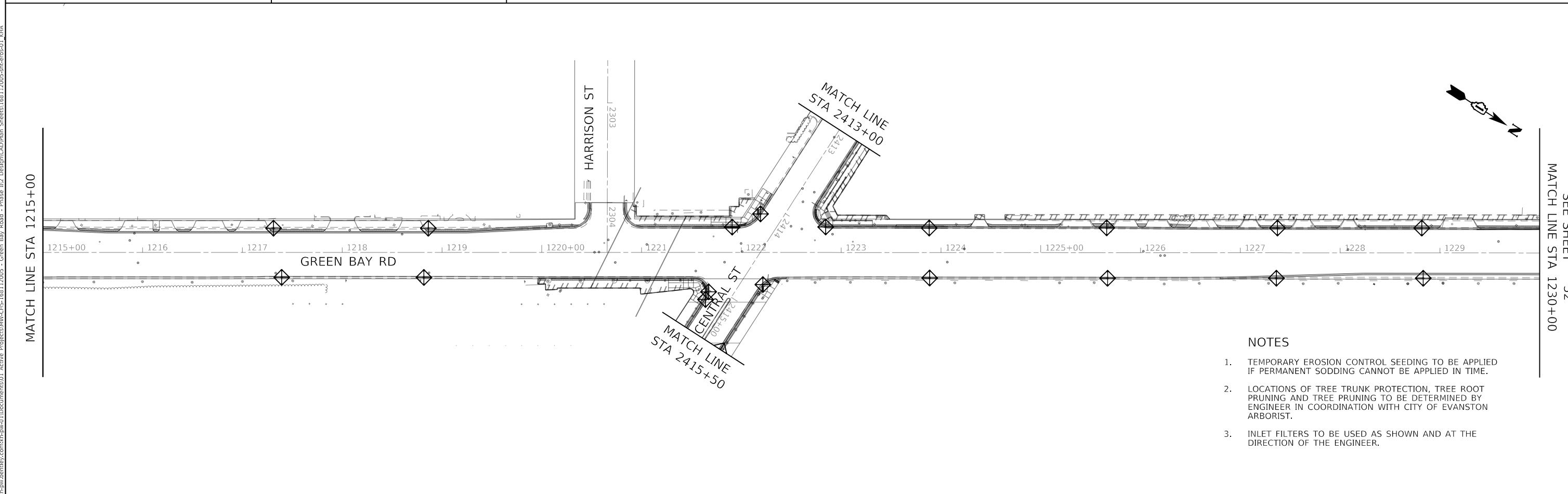
SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	50
CONTRACT NO. 61K60				
		ILLINOIS	FED. AID PROJECT	



LEGEND

-  INLET FILTER
-  SODDING, SALT TOLERANT (SEE NOTE 1)



- NOTES**
1. TEMPORARY EROSION CONTROL SEEDING TO BE APPLIED IF PERMANENT SODDING CANNOT BE APPLIED IN TIME.
 2. LOCATIONS OF TREE TRUNK PROTECTION, TREE ROOT PRUNING AND TREE PRUNING TO BE DETERMINED BY ENGINEER IN COORDINATION WITH CITY OF EVANSTON ARBORIST.
 3. INLET FILTERS TO BE USED AS SHOWN AND AT THE DIRECTION OF THE ENGINEER.

MODEL: Default
 FILE: \\nas01\p\w\benby\com\sh\p\01\Documents\01 Active Projects\WV\CHS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan Sheets\168112005-eh-eros-01.dwg
 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-487-6600
 WWW.KIMLEY-HORN.COM

Kimley-Horn	USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
		DRAWN - KKH	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - SRS	REVISED -
	PLOT DATE = 7/10/2024	DATE -	REVISED -

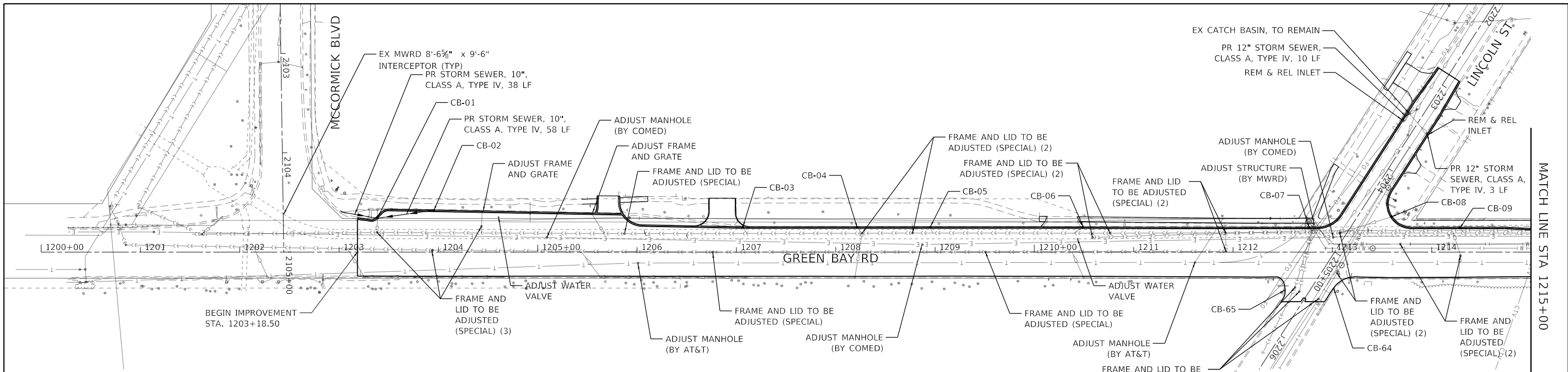
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
GREEN BAY ROAD**

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 1200+00 TO STA. 1230+00

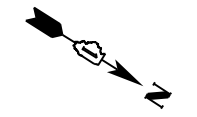
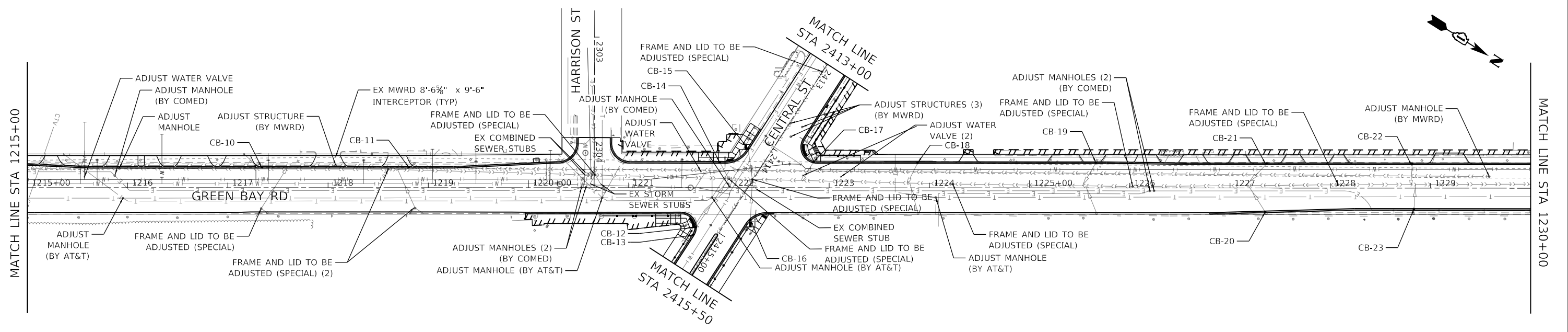
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	51
CONTRACT NO. 61K60				
		ILLINOIS	FED. AID PROJECT	

SEE SHEET 52
MATCH LINE STA 1230+00



NOTES:

1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES, SEWERS, AND FACILITIES.
2. NO DEBRIS SHALL ENTER MWRD STRUCTURES, SEWERS, FACILITIES, AND WATERWAYS.
3. ALL ACCESS HATCHES AND MANHOLE COVERS ON MWRD STRUCTURES AND MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED OR COVERED.
4. THE PERMITTEE SHALL SUPPORT AND PROTECT MWRD STRUCTURES, SEWERS, AND FACILITIES DURING EXCAVATIONS AND AT CROSSINGS.
5. SEE SHEET 59 FOR LEGEND.



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
	DRAWN - KKH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - SRS	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

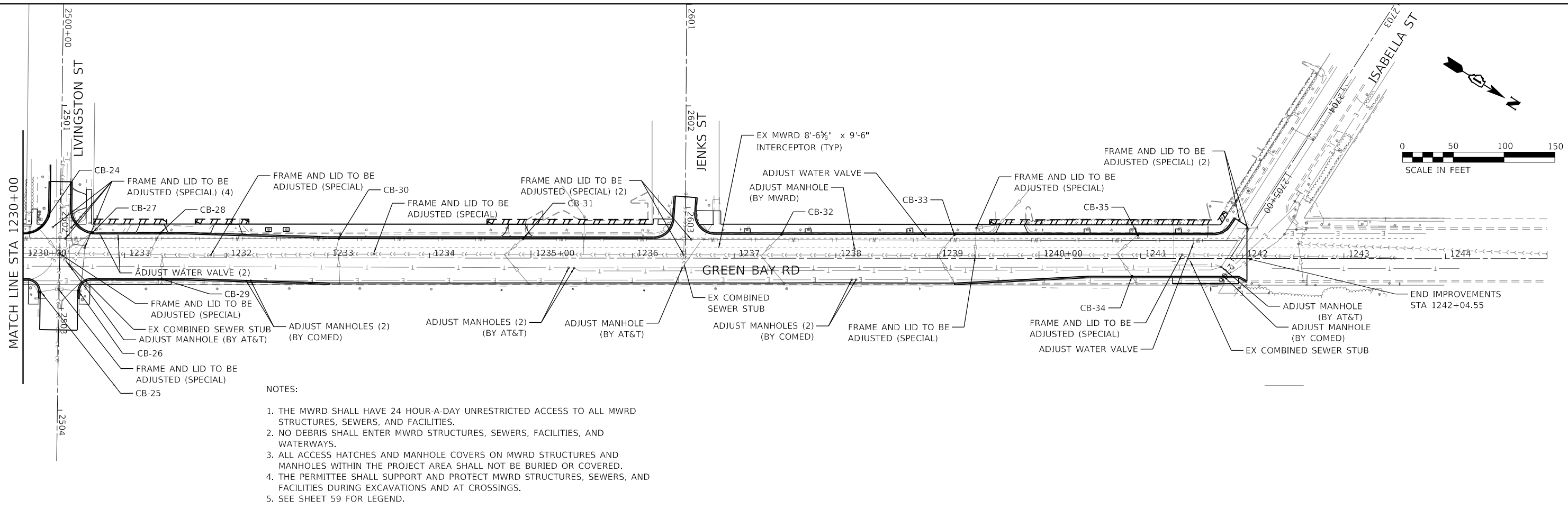
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN
GREEN BAY ROAD**

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 1200+00 TO STA. 1230+00

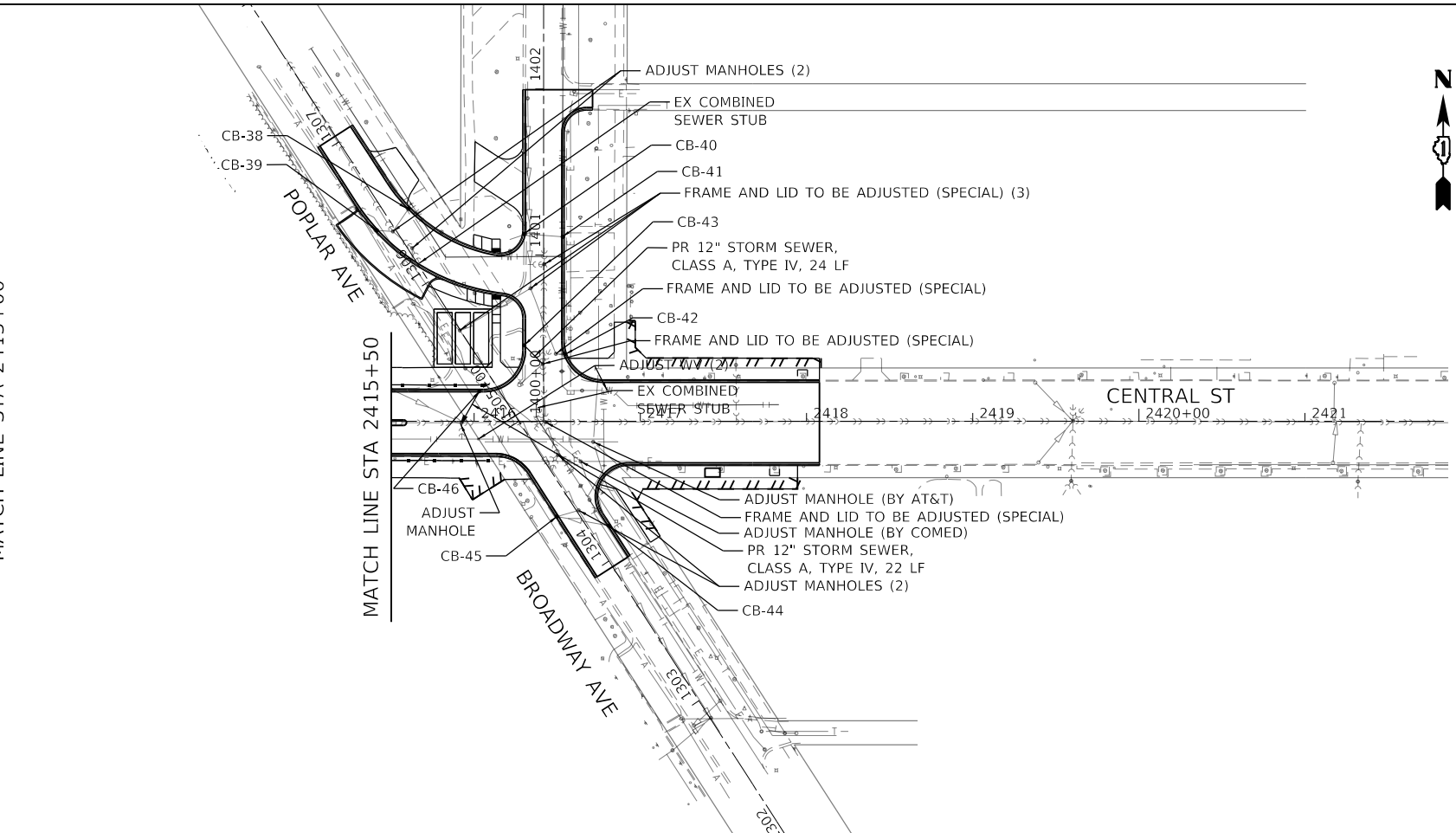
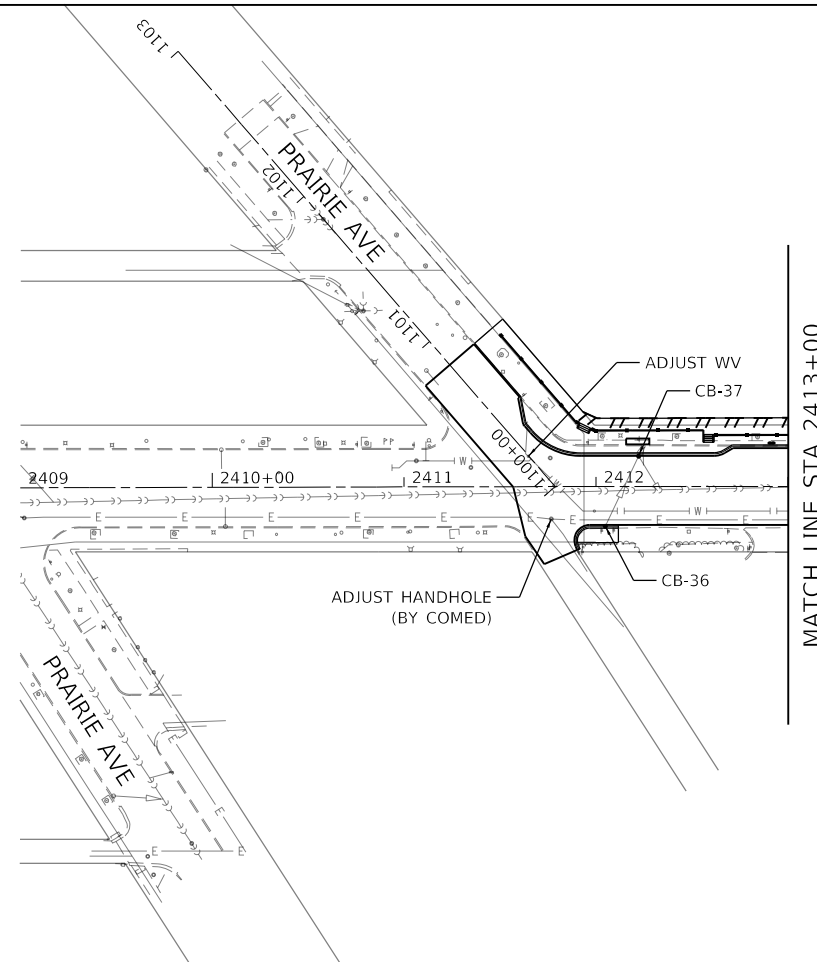
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	53
CONTRACT NO. 61K60				
		ILLINOIS FED. AID PROJECT		

MODEL: Default FILE: 19-00285-00-RS-01-Active Projects\WW\CHS-168112005 - Green Bay Road - Phase II - Design\CAD\Plan Sheets\168112005-Sub-Drain-01_KHA.dgn



NOTES:

1. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES, SEWERS, AND FACILITIES.
2. NO DEBRIS SHALL ENTER MWRD STRUCTURES, SEWERS, FACILITIES, AND WATERWAYS.
3. ALL ACCESS HATCHES AND MANHOLE COVERS ON MWRD STRUCTURES AND MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED OR COVERED.
4. THE PERMITTEE SHALL SUPPORT AND PROTECT MWRD STRUCTURES, SEWERS, AND FACILITIES DURING EXCAVATIONS AND AT CROSSINGS.
5. SEE SHEET 59 FOR LEGEND.



MODEL: Default
 FILE: \\nas01\pub\pwbentley.com\shp\p-01\Documents\01 Active Projects\WV\CHS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-sht-drain-02_kha.dgn
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: (630) 471-6600
 WWW.KIMLEY-HORN.COM



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - SRS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN
GREEN BAY ROAD & CENTRAL STREET**

SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. 1230+00 TO STA. 1245+00


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	54
CONTRACT NO. 61K60				
		ILLINOIS	FED. AID PROJECT	

DRAINAGE STRUCTURE SCHEDULE

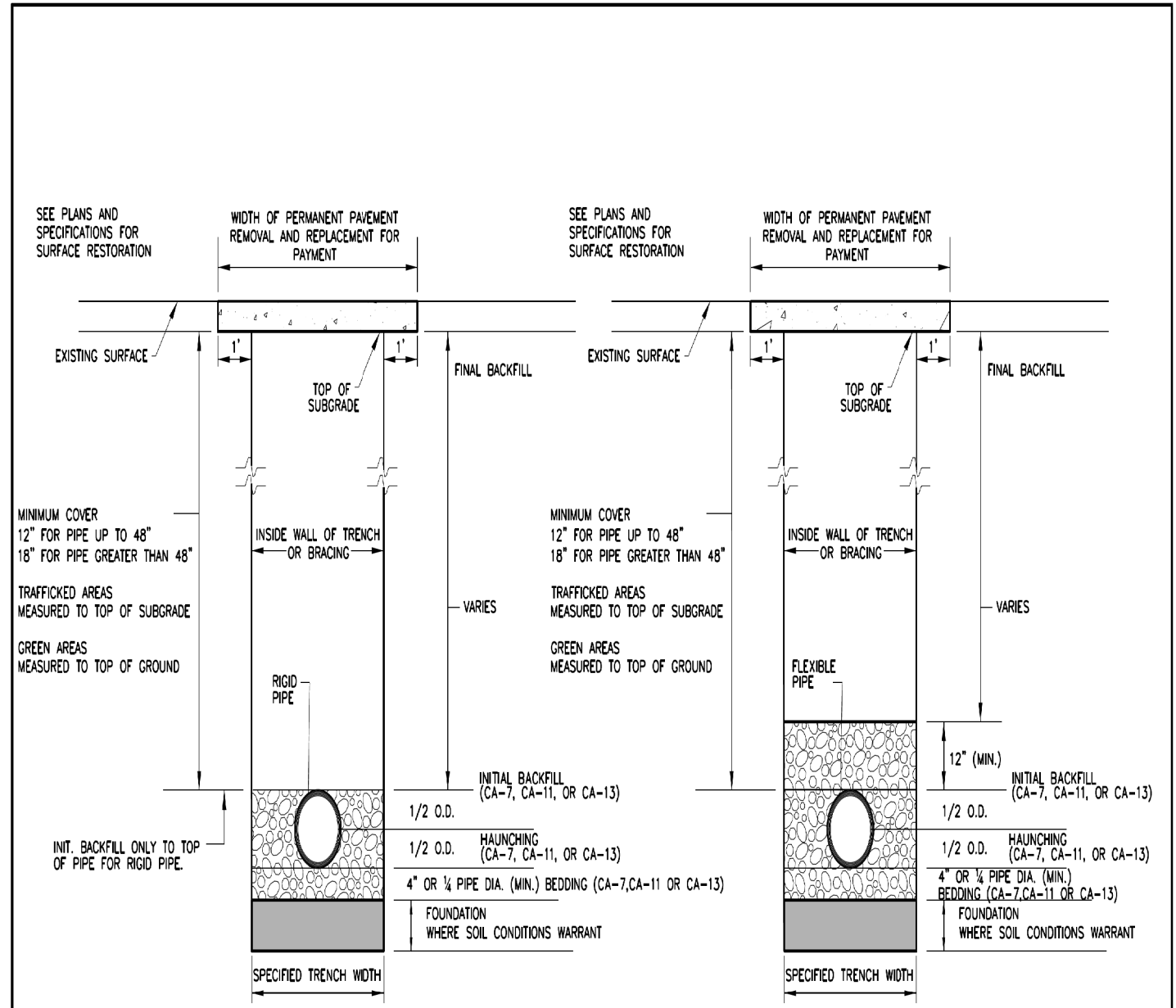
STRUCTURE NO.	CONSTRUCTION TYPE	TRAP	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (NE)	INVERT (NW)	INVERT (SE)	INVERT (SW)	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	Pipe Size (in.)	Pipe Length (ft.)	Tributary Type	Min. Slope	Pipe Material
CB-01	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1203+38.54	33.95' LT	598.88	595.56	595.58							12	57	SC	0.15% (ex)	DIP
																		8	23
CB-02	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1203+95.22	42.12' LT	599.02			595.58						8	37	SC	0.15% (ex)	PVC
CB-03	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1207+06.57	25.32' LT	600.50			595.90				595.72		8	57	SC	0.15% (ex)	PVC
CB-04	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1208+21.60	24.72' LT	600.59	597.99								6	8	SC	0.15% (ex)	CMP
CB-05	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1208+95.19	25.00' LT	601.08							598.82		8	6	SC	0.15% (ex)	PVC
CB-06	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1210+48.57	24.84' LT	601.48			598.56						8	11	SC	0.15% (ex)	RCP
CB-07	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1212+76.78	24.41' LT	601.85	599.33								8	8	SC	0.15% (ex)	RCP
CB-08	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1213+59.59	35.68' LT	602.15			599.43						8	55	SC	0.15% (ex)	RCP
CB-09	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1214+28.48	24.18' LT	602.65							599.15		8	8	SC	0.15% (ex)	RCP
CB-10	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1217+34.18	19.40' LT	603.81							600.27		8	7	SC	0.15% (ex)	VCP
CB-11	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1218+80.61	19.40' LT	604.34			601.57						8	11	SC	0.15% (ex)	RCP
CB-12	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, ADA COMPLIANT, OPEN LID	2415+07.70	22.29' RT	602.76							599.36		6	8	SC	0.15% (ex)	PVC
															599.26		8	58	SC
CB-13	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	2415+15.79	20.61' RT	602.49									6	8	SC	0.15% (ex)	PVC
CB-14	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1221+90.76	25.42' LT	604.10	600.69								8	19	SC	0.15% (ex)	RCP
CB-15	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, ADA COMPLIANT, OPEN LID	2414+13.70	20.76' RT	604.48	602.03								12	31	SC	0.15% (ex)	DIP
CB-16	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, ADA COMPLIANT, OPEN LID	2414+72.05	19.65' LT	602.59				600.16					8	41	SC	0.15% (ex)	RCP
CB-17	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1222+84.49	25.61' LT	604.61			601.93						8	33	SC	0.15% (ex)	VCP
CB-18	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1223+88.18	24.74' LT	605.41							602.19		8	22	SC	0.15% (ex)	RCP
CB-19	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1225+66.12	24.91' LT	605.40							602.90		8	27	SC	0.15% (ex)	RCP
CB-20	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1227+35.10	23.86' RT	605.53				603.22					8	33	SC	0.15% (ex)	RCP
CB-21	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1227+36.39	23.34' LT	605.24	602.36								8	31	SC	0.15% (ex)	RCP
CB-22	RR	HALF TRAP	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1228+81.66	23.45' LT	605.56							602.91		8	21	SC	0.15% (ex)	PVC
CB-23	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1228+83.47	20.85' RT	605.37				601.67					10	29	SC	0.15% (ex)	RCP
CB-24	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, ADA COMPLIANT, OPEN LID	1230+15.71	28.72' LT	605.28	602.75								8	32	SC	0.15% (ex)	RCP
CB-25	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, ADA COMPLIANT, OPEN LID	2502+86.63	18.54' RT	604.80		601.38							8	20	SC	0.15% (ex)	RCP
CB-26	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, ADA COMPLIANT, OPEN LID	2502+82.34	18.27' LT	604.76			601.10						8	22	SC	0.15% (ex)	RCP
CB-27	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1230+68.48	24.27' LT	604.99			602.46						8	38	SC	0.15% (ex)	RCP
CB-28	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1231+35.11	24.16' LT	605.50							602.10		8	24	SC	0.15% (ex)	RCP
CB-29	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1231+36.41	20.61' RT	605.78				602.44					8	29	SC	0.15% (ex)	PVC
CB-30	RR	HALF TRAP	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1233+10.91	19.23' LT	606.02	604.26								8	22	SC	0.15% (ex)	PVC
CB-31	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1234+92.34	19.28' LT	606.41	602.78								8	31	SC	0.15% (ex)	RCP
CB-32	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1237+46.56	23.50' LT	606.83	603.97								8	29	SC	0.15% (ex)	RCP
CB-33	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1239+16.57	23.38' LT	606.93	603.77								8	27	SC	0.15% (ex)	PVC
CB-34	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1240+91.39	17.55' RT	607.08			604.46						8	34	SC	0.15% (ex)	PVC
CB-35	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1240+97.48	23.50' LT	607.19	605.09								8	31	SC	0.15% (ex)	RCP
CB-36	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	2412+04.75	20.71' RT	605.33	602.81								12	46	SC	0.15% (ex)	DIP
CB-37	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	2412+22.17	15.87' LT	605.43				602.27					12	46	SC	0.15% (ex)	DIP
CB-38	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1306+43.55	13.63' RT	603.42				600.27					10	16	SC	0.15% (ex)	DIP
CB-39	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	1306+42.90	9.60' LT	603.84							598.98		8	10	SC	0.15% (ex)	VCP
CB-40	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1401+12.68	11.08' LT	604.69				600.31					12	10	SC	0.15% (ex)	RCP
																	12	23	SC
CB-41	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1401+11.04	11.54' RT	604.84							601.91		12	23	SC	0.15% (ex)	VCP
CB-42	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1400+40.46	12.98' RT	604.39							601.37		10	5	SC	0.15% (ex)	DIP
CB-43	P		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1400+45.74	11.69' LT	604.67			600.14						12	24	SC	0.42%	RCP
CB-44	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1304+17.91	11.54' RT	604.35				600.81					10	32	SC	0.15% (ex)	PVC
CB-45	RR		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	1304+39.44	11.97' LT	603.69							599.71		8	14	SC	0.15% (ex)	RCP
CB-46	P		CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	2416+03.11	18.12' LT	603.34			598.65						12	22	SC	1.36%	RCP
-	P		PR STORM SEWER, 10", CLASS A, TYPE IV	1203+15.00	37.22' LT	N/A									10	38	SC	0.15%	RCP
-	P		PR STORM SEWER, 10", CLASS A, TYPE IV	1203+70.00	38.00' RT	N/A									10	58	SC	0.15%	RCP
-	P		PR STORM SEWER, 12", CLASS A, TYPE IV	2023+45.00	14.00' RT	N/A									12	10	SC	0.15%	RCP
-	P		PR STORM SEWER, 12", CLASS A, TYPE IV	1400+40.00	6.00' LT	N/A									12	24	SC	0.15%	RCP
-	P		PR STORM SEWER, 12", CLASS A, TYPE IV	2415+97.25	9.5' LT	N/A									12	22	SC	0.15%	RCP
-	P		PR STORM SEWER, 12", CLASS A, TYPE IV	2203+50.00	15.00' LT	N/A									12	3	SC	0.15%	RCP

* SEE CATCH BASIN CONNECTION DETAIL
 RR = CATCH BASIN TO BE REMOVED AND REPLACED
 P = PROPOSED CATCH BASIN
 SC = STORM TO COMBINED SEWER TRIBUTARY

MODEL: Default
 FILE: h:\projects\paw_bentley.com\shp\01\Documents\01 Active Projects\MW-CUS-168112005 - Green Bay Road - Phase B2 - Design\CADD\Plan_Sheets\168112005-sht-crbm-03.kia
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60090
 PHONE: 630-471-6500
 WWW.KIMLEY-HORN.COM

	USER NAME = JoelTurk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE SCHEDULE GREEN BAY ROAD	F.A.U. RTE. = 2744	SECTION = 19-00285-00-R5	COUNTY = COOK	TOTAL SHEETS = 191	SHEET NO. = 55
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 61K60 ILLINOIS FED. AID PROJECT	
PLOT DATE = 7/10/2024	DATE -	REVISED -								

MODEL: Default
 FILE: h:\mhc\p\w\benby.com\shp\p-01\Documents\01 Active Projects\MW-CIS-168112005 - Green Bay Road - Phase II\2-Design\CADD\Plan Sheets\168112005-shp-drfm-mwrd04.kia
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-471-6600
 WWW.KIMLEY-HORN.COM

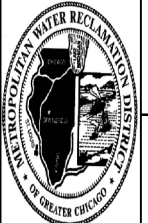


RIGID PIPE INSTALLATION DETAIL

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

	<h2 style="margin: 0;">TECHNICAL GUIDANCE MANUAL</h2>		<p>7/1/15</p>
	<h3 style="margin: 0;">RIGID AND FLEXIBLE PIPE INSTALLATION DETAIL</h3>		<p>STD. DWG. NO. 34</p>
			<p>PAGE NO. 35</p>



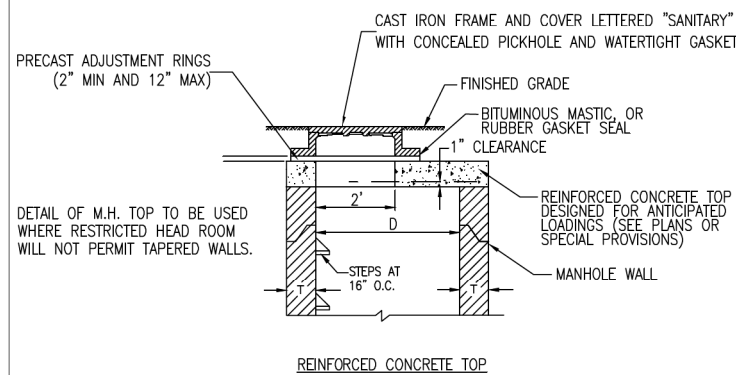
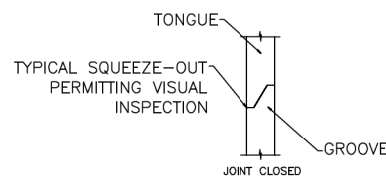
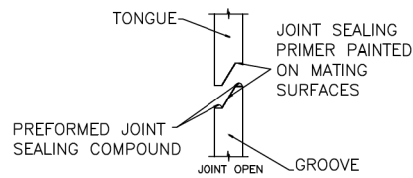
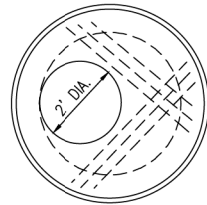
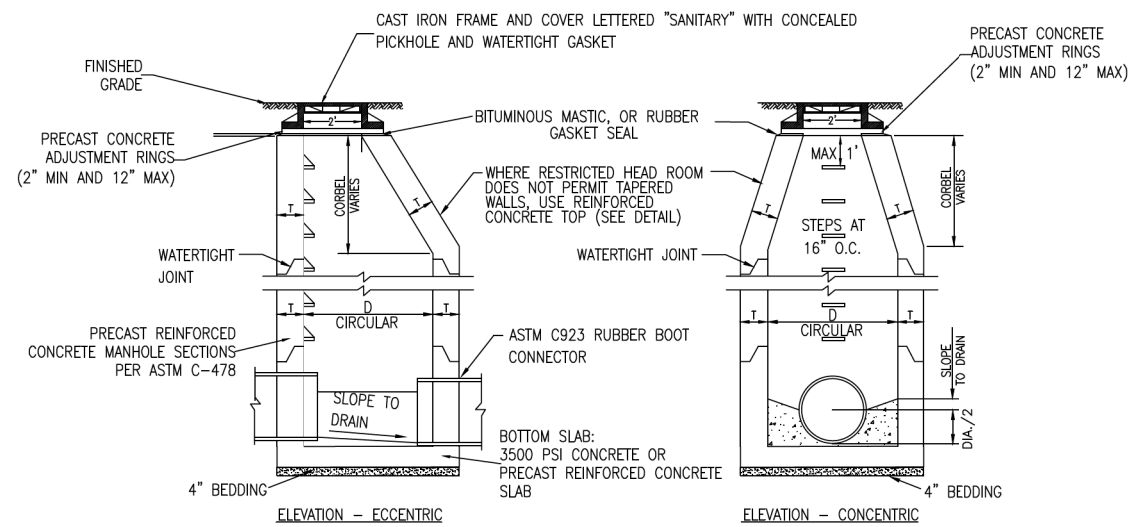
USER NAME = JoelTurk	DESIGNED - XXX	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - XXX	REVISED -
PLOT DATE = 7/10/2024	CHECKED - XXX	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD STANDARD DETAILS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	56
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



- MANHOLES TO HAVE PRECAST "RUBBER BOOTS" CONFORMING TO ASTM C-923 AT ALL PIPE CONNECTIONS.
- SANITARY MANHOLES SUBJECT TO SATURATION SOIL CONDITIONS OR SURFACE SUBMERGENCE SHALL BE EQUIPPED WITH CHIMNEY SEALS AND WATER TIGHT BOLTED DOWN MANHOLE COVERS.
- MASTIC SEALANT OR RUBBER GASKET SEAL MUST BE APPLIED BETWEEN CONCRETE & FLANGE OF FRAME BEFORE LID BOLTS ARE TIGHTENED.
- SAFETY LANDINGS REQUIRED FOR MANHOLES GREATER THAN 28 FEET DEPTH (RIM TO INVERT). MAXIMUM VERTICAL SPACING OF SAFETY LANDING IS 20 FEET.
- FOR DROP CONNECTIONS, USE DROP CONNECTION MANHOLE DETAIL.
- FOR ONLINE CONNECTIONS GREATER THAN 15 INCHES, USE DOGHOUSE MANHOLE DETAIL.

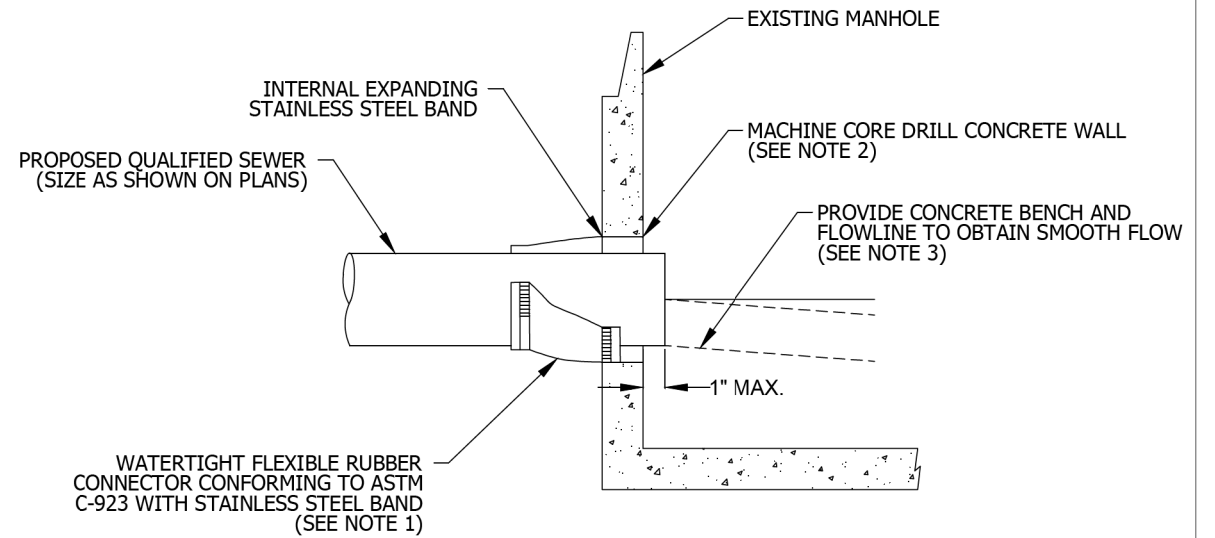
ALT MATERIALS FOR WALLS	D	T (MIN.)
PRECAST REINFORCED CONCRETE SECTION	4 FEET 5 FEET 6 FEET	4 IN 5 IN 6 IN
CAST-IN-PLACE CONCRETE	4 FEET 5 FEET 6 FEET	4 IN 5 IN 6 IN

NOT TO SCALE



TECHNICAL GUIDANCE MANUAL
TYPICAL SANITARY MANHOLE "A" AND "B" DETAIL

08/09/2023
STD. DWG. NO.39
PAGE NO. 40



SECTION

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

NOT TO SCALE



TECHNICAL GUIDANCE MANUAL
PIPE TO EXISTING MANHOLE CONNECTION DETAIL

10/02/18
STD. DWG. NO. 42
PAGE NO. 43

MODEL: Default
FILE: M:\MISC_Plan\Bentley.com\shp\p-01\Documents\01 Active Projects\WW-CUS-168112005 - Green Bay Road - Phase II\2-Design\CADD\Plan_Sheets\168112005-shp-draw\mwrstd05_kha

Kimley-Horn

© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
400 WINDFIELD ROAD, SUITE 600
WARRENVILLE, IL 60550
PHONE: 630-471-6500
WWW.KIMLEY-HORN.COM

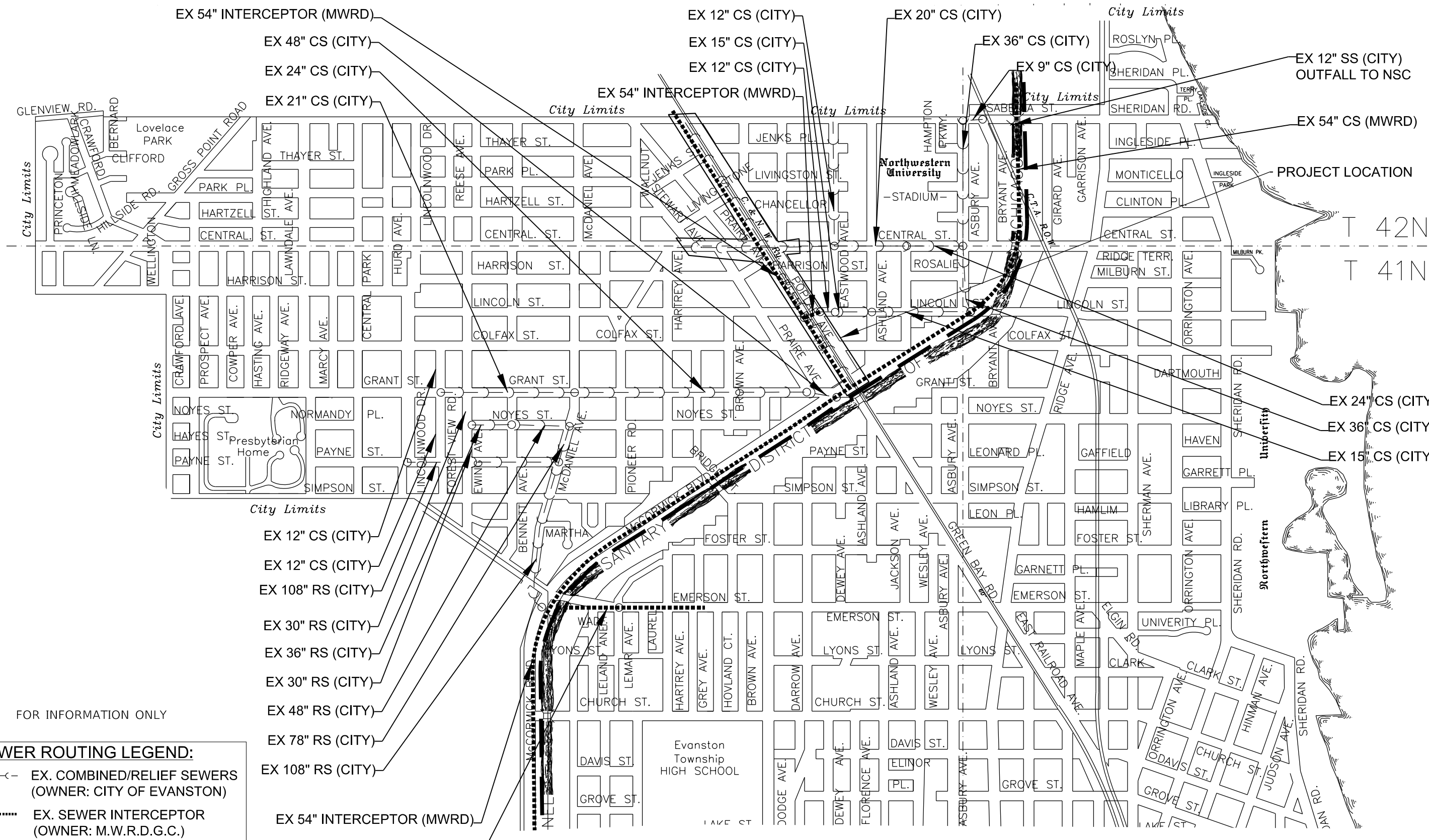
USER NAME = JoelTurk	DESIGNED - XXX	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - XXX	REVISED -
PLOT DATE = 7/10/2024	CHECKED - XXX	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD STANDARD DETAILS
GREEN BAY ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	57
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

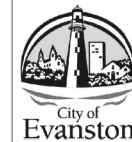
SEWER ROUTING LEGEND:

- EX. COMBINED/RELIEF SEWERS (OWNER: CITY OF EVANSTON)
- EX. SEWER INTERCEPTOR (OWNER: M.W.R.D.G.C.)
- EXISTING T.A.R.P. TUNNEL (OWNER: M.W.R.D.G.C.)

- EX 12" CS (CITY)
- EX 12" CS (CITY)
- EX 108" RS (CITY)
- EX 30" RS (CITY)
- EX 36" RS (CITY)
- EX 30" RS (CITY)
- EX 48" RS (CITY)
- EX 78" RS (CITY)
- EX 108" RS (CITY)
- EX 54" INTERCEPTOR (MWRD)
- EX 54" INTERCEPTOR (MWRD)

MODEL: Default
 FILE: M:\GIS\Projects\Green Bay Road - Phase II\2 - Design\CAD\Plan_Sheets\168112005-Sub-Drain-MWRD-05.kia
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-487-6655
 WWW.KIMLEY-HORN.COM

	USER NAME = JoelTurk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MWRD SEWAGE ROUTING MAP GREEN BAY ROAD			F.A.U. RTE. = 2744	SECTION = 19-00285-00-RS	COUNTY = COOK	TOTAL SHEETS = 191	SHEET NO. = 58
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: NTS	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 61K60
	PLOT DATE = 7/10/2024	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



1	2	3	4	NO.	REVISION
					DATE

**2023 CENTRAL STREET
WATER MAIN IMPROVEMENTS PROJECT**

**SCALE
NTS**

**PROJECT NUMBER:
PW-WM-2303**

**BID NUMBER:
23--**

**ISSUED FOR:
PERMIT**

DATE: 04/10/2023

DESIGNED BY: AA

DRAWN BY: AA

CHECKED BY: BN

**SHEET
2 OF 13**

STANDARD SYMBOLS

FEATURE	EXISTING	PROPOSED
BACK OF CURB (BOC)		
BUILDING		
CABLE TV		
CENTERLINE		
COMBINED SEWER		
CONCRETE		
CONTOUR		
DRIVEWAY		
ELECTRIC LINE		
EDGE OF PAVEMENT (EOP)		
FACE OF CURB (FOC)		
FENCE		
GAS LINE		
GRAVEL		
PROPERTY LINE		
ROW		
SANITARY SEWER		
SIDEWALK		
STORM SEWER		
STREETLIGHT CABLE		
STRIPING		
WATER MAIN		
BOLLARD		
BUFFALO BOX		
BUSH		
CATCH BASIN		
CONTROL POINT		
FIRE HYDRANT		
HANDHOLE		
INLET		
MANHOLE		
POWER POLE		
SIGN		
STREETLIGHT		
TREE		
DETECTABLE WARNING		
SIDEWALK		
SIDEWALK REMOVAL AND REPLACEMENT		
DRIVEWAY REMOVAL AND REPLACEMENT (CONCRETE)		
DRIVEWAY REMOVAL AND REPLACEMENT (ASPHALT)		
PAVEMENT REMOVAL AND REPLACEMENT		
PAVEMENT REMOVAL		
HMA OR CONCRETE SURFACE REMOVAL		
PROPOSED GRASS OR SOD		

GENERAL NOTES

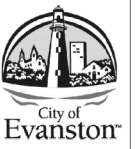
- ALL DIMENSIONS SHOWN ON THE PLANS ARE TO THE FACE OF CURB, UNLESS MARKED DIFFERENTLY.
- ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS, SPECIFICATIONS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- ALL FULL DEPTH SAW-CUTTING OF EXISTING PAVEMENT, CURB, SIDEWALKS AND SURFACES WHEN REQUIRED FOR REMOVAL OR CONSTRUCTION OR AS DIRECTED BY THE ENGINEER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS PAY ITEMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION. ALL EXISTING UTILITIES SHALL BE PROTECTED, SUPPORTED AND MAINTAINED IN SERVICE AND RESTORED TO THE CONDITION IN WHICH THEY WERE FOUND, OR BETTER, AT NO EXTRA COST TO THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ALL ROAD SIGNS, STREET SIGNS AND TRAFFIC SIGNS WHICH NEED TO BE RELOCATED OR MOVED DUE TO CONSTRUCTION SHALL BE TAKEN DOWN AND STORED BY THE CONTRACTOR AT HIS OWN EXPENSE, EXCEPT THOSE WHICH THE ENGINEER DEEMS NECESSARY FOR PROPER TRAFFIC CONTROL. AFTER COMPLETION OF THE WORK, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE ENGINEER, RESET ALL SAID SIGNS AT THE DESIGNATED LOCATION.
- ALL DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. DRIVEWAYS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "P.C.C. DRIVEWAY PAVEMENT" OR "INCIDENTAL HOT-MIX ASPHALT SURFACING" PER TON AND "AGGREGATE BASE COURSE, TYPE B-6-INCH" PER TON ACCORDINGLY.
- ALL NEW TYPE B CURB AND TYPE B6.12 COMBINATION CONCRETE CURB AND GUTTER ADJACENT TO NEW OR EXISTING P.C.C. PAVEMENT OR BASE COURSE SHALL BE PLACED WITH THE BARS IN CONFORMANCE WITH DETAILS SHOWN IN THE DETAIL SHEET AND/OR SPECIFICATIONS. THE COST OF FURNISHING, DRILLING, SETTING THE BARS, MORTARING, ETC. SHALL BE INCLUDED IN THE UNIT PRICE BID PER FOOT FOR THE TYPE OF CURB INDICATED ON THE PLANS.
- HOT-MIX ASPHALT SURFACE REMOVAL SHALL BE GROUND AS SHOWN IN PLAN AND /OR AS DIRECTED BY ENGINEER. BUT NOT LESS THAN 1" IN DEPTH AND WILL BE PAID FOR "HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)" PER SQUARE YARD. ALL EQUIPMENT FOR SURFACE REMOVAL MUST OPERATE ONLY ON THE STREET. CONTRACTOR SHALL NOT OPERATE ANY EQUIPMENT ON TOP OF THE CURB. ALL NECESSARY MANUAL CHIPPINGS SHALL BE CONSIDERED INCIDENTAL TO THE "HOT-MIX ASPHALT SURFACE REMOVAL" PAY ITEM.
- THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT ALL NEW FRAMES AND LIDS IN CONFORMANCE WITH DETAILS OF STANDARD FRAMES AND LIDS SHOWN IN THE PLAN.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL CONCRETE CURB, CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, CONCRETE DRIVEWAYS, PER STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID SEPARATELY BUT CONSIDERED INCIDENTAL TO THE CONTRACT.
- ALL DOWEL AND THE BARS USED FOR P.C.C. PAVEMENT REMOVAL AND REPLACEMENT IN EXISTING CONCRETE BASE COURSE SHALL BE PLACED IN CONFORMANCE WITH THE CONTRACT DRAWINGS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER. ALL CLASS "B" PATCHES AT INTERSECTIONS OR IN OPEN TRAVEL LANES WILL BE REQUIRED TO BE COVERED WITH A ONE(1) INCH STEEL PLATE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN UNIT PRICE OF CLASS "B" PATCHES.
- THE CONTRACTOR SHALL NOT CLOSE THROUGH TRAFFIC TO MORE THAN ONE BLOCK AND ONE INTERSECTION AT ANY GIVEN TIME.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION TRAFFIC CONTROL AND LANE CLOSURE. AT ANY TIME DURING PROJECT THAT A DETOUR IS REQUIRED, CONTRACTOR MUST SUBMIT DETOUR PLANS FOR APPROVAL BY THE CITY. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE OF TRAFFIC CONTROL AND PROTECTION, PAY ITEM.
- ALL EXISTING FIRE HYDRANTS, FRAMES, GRATES, AND LIDS THAT ARE BEING REPLACED REMAIN THE PROPERTY OF THE CITY OF EVANSTON. THE CONTRACTOR SHALL DELIVER ALL REPLACED FIRE HYDRANTS, FRAMES, GRATES AND LIDS TO THE PUBLIC WORKS FACILITY. SUCH DELIVERY IS INCIDENTAL TO THE CONTRACT.
- ALL SEWER PIPE SHALL HAVE A "HOMING MARK" ON THE SPIGOT, PROVIDED BY THE MANUFACTURER. ALL LIFTING HOLES SHALL BE FILLED WITH CONCRETE LUGS AND SEALED WITH MASTIC OR MORTAR.
- ALL MANHOLES SHALL BE PRECAST FOUR FEET DIAMETER MINIMUM OR AS INDICATED ON THE PLANS, I.D.O.T. TYPE A STANDARD MODIFIED TO HAVE AN INTEGRAL MONOLITHIC BASE WITH PREFORMED OPENINGS AND A FLEXIBLE SLEEVE IN CONFORMANCE WITH A.S.T.M. C-923 TO ACCOMMODATE THE CONNECTION OF SEWERS IN SIZES FROM 10" THROUGH 27". NO STEPS ARE REQUIRED IN ANY MANHOLES.
- DUCTILE IRON PIPE SHALL BE USED WHEN SEWERS CROSS WATER LINES WITH LESS THAN 18" VERTICAL CLEARANCE AND ALL OTHER LOCATIONS AS INDICATED ON THE CONTRACT DRAWINGS OR AT THE DIRECTION OF THE ENGINEER.
- BEDDING SHALL BE REQUIRED FOR ALL SEWER CONSTRUCTION AND SHALL BE OF A MINIMUM THICKNESS EQUAL TO 1/4 OF THE OUTSIDE DIAMETER OF THE SEWER PIPE BUT SHALL NOT BE LESS THAN FOUR INCHES (4"). ALL BEDDING MATERIALS SHALL EXTEND UP THE HAUNCHES OF THE PIPE TO THE SPRING LINE AND BE PLACED IN CONFORMANCE WITH ASTM C12-82. THE MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 550 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" OF THE STATE OF ILLINOIS OR A.S.T.M. C-35. THE GRADATION SHALL CONFORM TO GRADATION CA-11 OF THE ILLINOIS STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID SEPARATELY FOR "POROUS GRANULAR BACKFILL," PER TON.
- THE TRENCH BACKFILL SHALL BE PLACED IN LAYERS NOT MORE THAN 12 INCHES (COMPACTED) IN THICKNESS TO THE EXISTING PAVEMENT SURFACE. REMOVAL AND DISPOSAL OF SURPLUS TRENCH BACKFILL AND PREPARATION OF BASE FOR PERMANENT PAVEMENT RESTORATION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- SHOP DRAWINGS OF ALL CATCH BASINS, MANHOLES, FRAMES, COVERS, TEE SADDLES, FLEXIBLE SLEEVES AND COUPLINGS SHALL BE APPROVED BY THE ENGINEER, PRIOR TO DELIVERY TO THE JOB SITE.
- IF ANY SOFT YIELDING MATERIALS ARE DETECTED AFTER EXCAVATION TO THE PROPOSED SUBGRADE, THE CONTRACTOR WILL, AT THE DIRECTION OF THE ENGINEER, REMOVE THE MATERIAL AND REPLACE IT WITH SUB-BASE GRANULAR MATERIAL, TYPE B. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION" AND PER CUBIC YARD FOR "SUB-BASE GRANULAR MATERIAL, TYPE B".
- ALL ITEMS WITHIN THE EXISTING STREETScape WHICH ARE DAMAGED OR DISTURBED AS A RESULT OF THIS WORK SHALL BE REPLACED TO EQUAL OR BETTER QUALITY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR WILL BE REQUIRED TO GIVE ADEQUATE NOTIFICATION TO THE CITY OF EVANSTON METER SHOP PRIOR TO THE RECONNECTION OF ANY BROKEN HOUSE SERVICES. PHONE NUMBER (847)866-2942.
- ALL ABANDONED SEWERS SHALL BE PLUGGED WITH TWO FOOT(2') LONG NON-SHRINK CONCRETE OR MORTAR *LUGS AT BOTH ENDS. THIS WORK IS CONSIDERED INCIDENTAL TO PROJECT.
- ALL MATERIALS, EQUIPMENTS AND LABOR NECESSARY TO CONSTRUCT THE BUTT JOINTS AS SPECIFIED IN THE PLANS AND IN THE SPECIFICATIONS WILL NOT BE PAID FOR SEPARATELY. BUTT JOINTS CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- THE CONTRACTOR SHALL BE AWARE THAT THERE ARE EXISTING LAWN SPRINKLER SYSTEM LOCATED IN THE PARKWAYS. THE CONTRACTOR WILL BE REQUIRED TO PROTECT THE EXISTING LAWN SPRINKLER SYSTEM. ANY DAMAGED DONE TO THE EXISTING LAWN SPRINKLER SYSTEM SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF PROPERTY OWNER AND ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY.
- THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION. FAILURE OF CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING COMPANIES BEING UNABLE TO VISIT THE SITE AND PERFORM TESTING WILL CAUSE THE CONTRACTOR TO SUSPEND OPERATION TO BE TESTED UNTIL TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. COST OF SUSPENSION OF WORK TO BE BORNE BY THE CONTRACTOR.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF ALL BURIED UTILITIES IN ACCORDANCE WITH STATE LAW. ADVANCE NOTICE OF 48 HOURS REQUIRED.
- WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE CLEANED AND FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL TO THE CONTRACT.
- HOT MIX ASPHALT OR P.C. CONCRETE PAVEMENT REMOVED DUE TO STORM SEWER OR WATER MAIN CROSSINGS SHALL NOT BE LEFT IN GRAVEL OVERNIGHT IF OPEN TO TRAFFIC. THIS INCLUDE THE MAIN ROADS, SIDE STREETS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, SIDEWALKS, AND PARKING AREAS. COLD MIX MAY BE REQUIRED BY THE ENGINEER TO BE USED IN LIEU OF IMMEDIATE PAVEMENT REPLACEMENT.
- ALL SUITABLE EXCESS MATERIAL FROM SEWER TRENCHES AND NECESSARY EXCAVATIONS MAY BE USED IN THE CONSTRUCTION OF THE IMPROVEMENT, PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE STORAGE OF EQUIPMENT AND/OR MATERIAL WITHIN THE PARKWAY SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.
- THE CONTRACTOR MUST OBTAIN A FIRE HYDRANT PERMIT FROM THE CITY IN ORDER TO OBTAIN ACCESS TO CITY WATER. FOR INFORMATION CALL 311.
- ALL ABANDONED WATER MAIN SHALL BE PLUGGED WITH MECHANICAL JOINT CAP AT BOTH ENDS AND ALL NON-PRESSURE CONNECTIONS TO EXISTING WATER MAINS WILL NOT BE PAID FOR SEPARATELY BUT INCIDENTAL TO OTHER WATER MAIN ITEMS.
- ALL SEWER STRUCTURES TO BE CORED SHALL BE FITTED WITH REQUIRED RUBBER BOOT CONFORMING TO ASTM C-923. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROJECT.
- THE MAX. PAY WIDTH FOR PAVEMENT REMOVAL & REPLACEMENT SHALL BE THE ALLOW. MAX. TRENCH PAY WIDTH ESTABLISHED BY IDOT PLUS 1.0' WIDE ON BOTH SIDES OF THE TRENCH UNLESS INDICATED ON THE PLAN SHEETS.
- EXISTING PAVEMENT MARKINGS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED ACCORDING TO IDOT HIGHWAY STANDARD 780001-05, DISTRICT ONE DETAIL TC-13, AND APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS TO THE LIMITS AS DIRECTED BY THE ENGINEER.
- PRIVATE UTILITY INFORMATION NOT DISPLAYED ON PLANS. CAN BE PROVIDED TO THE CONTRACTOR UPON REQUEST.

TRAFFIC CONTROL NOTES

- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE IDOT STANDARD SPECIFICATIONS, APPLICABLE GUIDELINES FROM THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, ANY SPECIAL PROVISIONS, ANY SUPPLEMENTAL STANDARD SPECIFICATIONS, AND ANY SPECIAL DETAILS AND HIGHWAY STANDARDS CONTAINED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR WILL PROVIDE DETAILED TRAFFIC CONTROL PLANS FOR EACH WORK LOCATION, INCLUDING ALL SIGNING AND BARRICADING FOR LANE/STREET/SIDEWALK CLOSURES AND DETOUR ROUTES. SUBMIT TRAFFIC CONTROL PLANS TO THE ENGINEER FOR APPROVAL PRIOR TO BEGINNING WORK.
- THE CONTRACTOR WILL FURNISH, INSTALL, MAINTAIN, RELOCATE, AND REMOVE ALL TRAFFIC CONES, SIGNING, BARRICADES, WARNING LIGHTS, AND OTHER DEVICES THAT ARE USED TO CONTROL PEDESTRIANS AND VEHICULAR TRAFFIC. TRAFFIC CONTROL REQUIREMENTS PRESENTED IN THE CONTRACT DOCUMENTS REPRESENT THE MINIMUM LEVEL OF CONTROL WHICH SHALL BE PROVIDED. CONTRACTOR IS SOLELY RESPONSIBLE FOR IMPLEMENTING ALL OTHER TRAFFIC CONTROL MEASURES REQUIRED TO FULLY PROTECT PEDESTRIANS, VEHICLES, AND HIS WORK FORCE.
- THE CONTRACTOR WILL PROVIDE AND INSTALL ADDITIONAL SIGNING AND/OR BARRICADES DEEMED NECESSARY BY THE ENGINEER AT NO EXTRA COST TO THE CONTRACT.
- THE CONTRACTOR WILL ENSURE THAT ALL BARRICADES, WARNING SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED FOR TRAFFIC CONTROL ARE IN PLACE AND OPERATIONAL TWENTY-FOUR (24) HOURS EACH CALENDAR DAY FROM THE START OF ON-SITE WORK TO FINAL COMPLETION. IN PARTICULAR, ENSURE THAT WARNING LIGHTS ARE FUNCTIONING DURING NIGHT-TIME HOURS. CHECK WARNING LIGHTS EACH CALENDAR DAY TO VERIFY FUNCTIONALITY. REPLACE BATTERIES/BULBS, AND/OR REPLACE LIGHT ASSEMBLIES AS NECESSARY.
- ALL "ROAD CONSTRUCTION AHEAD" SIGNS AT SIDE ROADS SHALL BE ACCOMPANIED BY THE APPROPRIATE "DIRECTIONAL ARROW" SIGN INDICATING THE LOCATIONS OF THE CONSTRUCTION ZONE.
- DRUM TYPE, SAWHORSE, AND TYPE 3 BARRICADES SHALL BE EQUIPPED WITH WORKING FLASHING LIGHTS AND REFLECTORIZED FLUORESCENT ORANGE AND WHITE SHEETING.
- ARROW BOARDS SHALL BE SILENT TYPE POWERED BY ELECTRICITY OR BATTERY PACKS. NO ENGINE/GENERATOR-POWERED ARROW BOARDS ARE PERMITTED.
- CHANGEABLE MESSAGE BOARDS MAY BE REQUIRED AT ONE OR MORE OF THE LOCATIONS IN ADVANCE OF THE WORK BEGINNING. ENGINEER TO DETERMINE PLACEMENT AND WORDING OF THE MESSAGE BOARDS.
- EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL SETUP AT EACH LOCATION MAY BE REMOVED AT THE DIRECTION OF THE ENGINEER.
- THE CONTRACTOR WILL MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES DURING CONSTRUCTION EXCEPT FOR PERIODS OF SHORT DURATION WHEN APPROVED BY THE ENGINEER. SCHOOL BUSES AND EMERGENCY VEHICLES SHALL HAVE ACCESS TO ALL PREMISES AT ALL TIMES.
- THE CONTRACTOR WILL PLACE TEMPORARY "NO PARKING" SIGNS, IF NEEDED, A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO WORK BEGINNING. ALL "NO PARKING" SIGNS MUST HAVE THE APPROVAL AND BE AFFIXED AND DISPLAYED TO THE SATISFACTION OF THE ENGINEER. POSTING SIGNS ON TREES SHALL BE DONE IN A MANNER TO FACILITATE REMOVAL WITHOUT DAMAGING TREES. STAPLING OR NAILING SIGNS TO TREES IS PROHIBITED. KEEP A LOG OF ALL POSTED "NO PARKING" SIGNS AND SUBMIT TO THE ENGINEER PROMPTLY UPON REQUEST.
- THE CONTRACTOR WILL CONTACT THE CITY'S PARKING SERVICES DEPARTMENT AT 847-448-4311 TWO (2) WORKING DAYS PRIOR TO WORK BEGINNING TO COORDINATE HOODING OF PARKING METERS. NO FEES WILL BE CHARGED TO CONTRACTOR FOR NECESSARY AND CITY AUTHORIZED HOODING OF PARKING METERS.
- THE CONTRACTOR WILL AT THE PRE-CONSTRUCTION MEETING, FURNISH THE NAME AND A 24-HOUR TELEPHONE NUMBER OF THE INDIVIDUAL IN THE CONTRACTOR'S DIRECT EMPLOY WHO IS RESPONSIBLE FOR INSTALLATION OF MAINTENANCE OF TRAFFIC CONTROL FOR THE PROJECT. THE ENGINEER MUST APPROVE USE OF A SUBCONTRACTOR TO PROVIDE THESE SERVICES. THIS SHALL NOT RELIEVE CONTRACTOR OF THE FOREGOING REQUIREMENT OF AN INDIVIDUAL IN HIS DIRECT EMPLOY TO OVERSEE THE IMPLEMENTATION AND MAINTENANCE OF TRAFFIC CONTROL.

MODEL: Default
FILE: h:\public\pwb\hwy\pwb\pwb-01\Documents\01_Active_Projects\WW-CUS-168112005_Green_Bby_Road_Phase II_2_Design\CAD\Plan_Sheets\168112005-shb-Central\W4-01_K16a.dgn
X:\Public Works\Engineering\Engineers\FY 2023 PROJECTS\Central and Main WM Project\2--23 GEN NOTES.dwg

USER NAME = JoelTurk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			2023 CENTRAL STREET WATER MAIN IMPROVEMENTS PROJECT			F.A.U. RTE. 2744	SECTION 19-00285-00-R5	COUNTY COOK	TOTAL SHEETS 191	SHEET NO. 60
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -							CONTRACT NO. 61K60				
PLOT DATE = 7/10/2024	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				
SCALE:						SHEET OF SHEETS STA. TO STA.							



NO.	DATE	REVISION
1		
2		
3		
4		

**2023 CENTRAL STREET
WATER MAIN IMPROVEMENTS PROJECT**

SCALE
NTS

PROJECT NUMBER:
PW-WM-2303

BID NUMBER:
23-__

ISSUED FOR:
PERMIT

DATE: 04/10/2023

DESIGNED BY: AA

DRAWN BY: AA

CHECKED BY: BN

SHEET
3 OF 13

CENTRAL STREET Addresses	Material (City)	Material (Private)	Diameter
1901 CENTRAL ST	LD	LD	
1920 CENTRAL ST	LD	LD	
1930 CENTRAL ST	LD	LD	1.00
1926 CENTRAL ST	LD	LD	1.00
1826 CENTRAL ST	LD	LD	

X:\Public Works\Engineering\2023 PROJECTS\Central and Main WM Project\3 - 23 SQO.dwg

MODEL: Default
FILE NAME: pw\pub\pw_bentley.com\shp\01\Documents\01_Active Projects\WW\CHS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-shr-Central\WM-02_K1A.dgn

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**2023 CENTRAL STREET
WATER MAIN IMPROVEMENTS PROJECT**

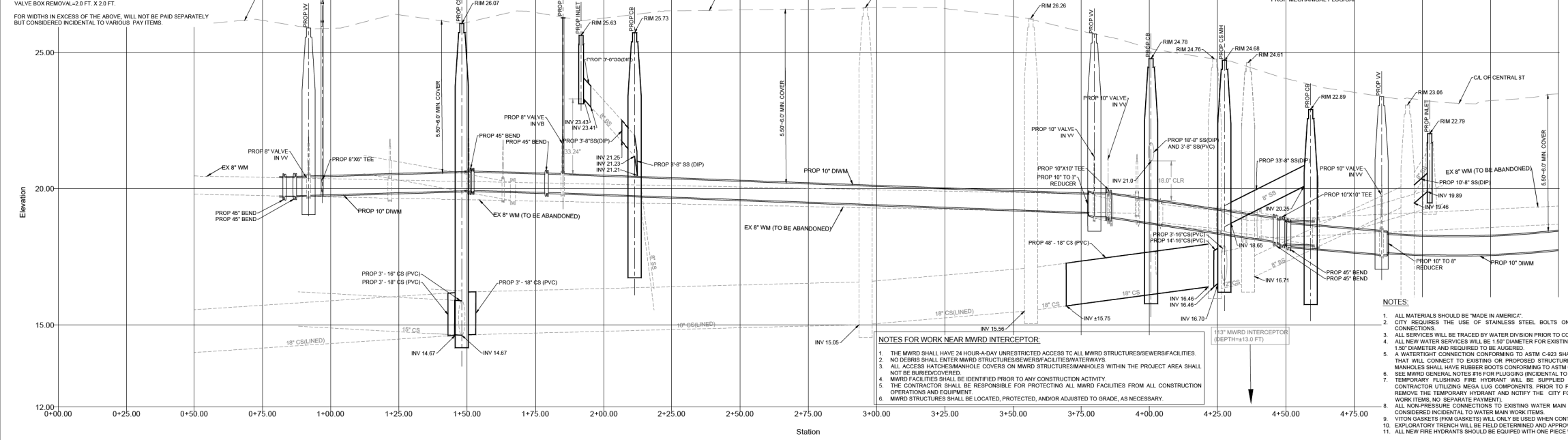
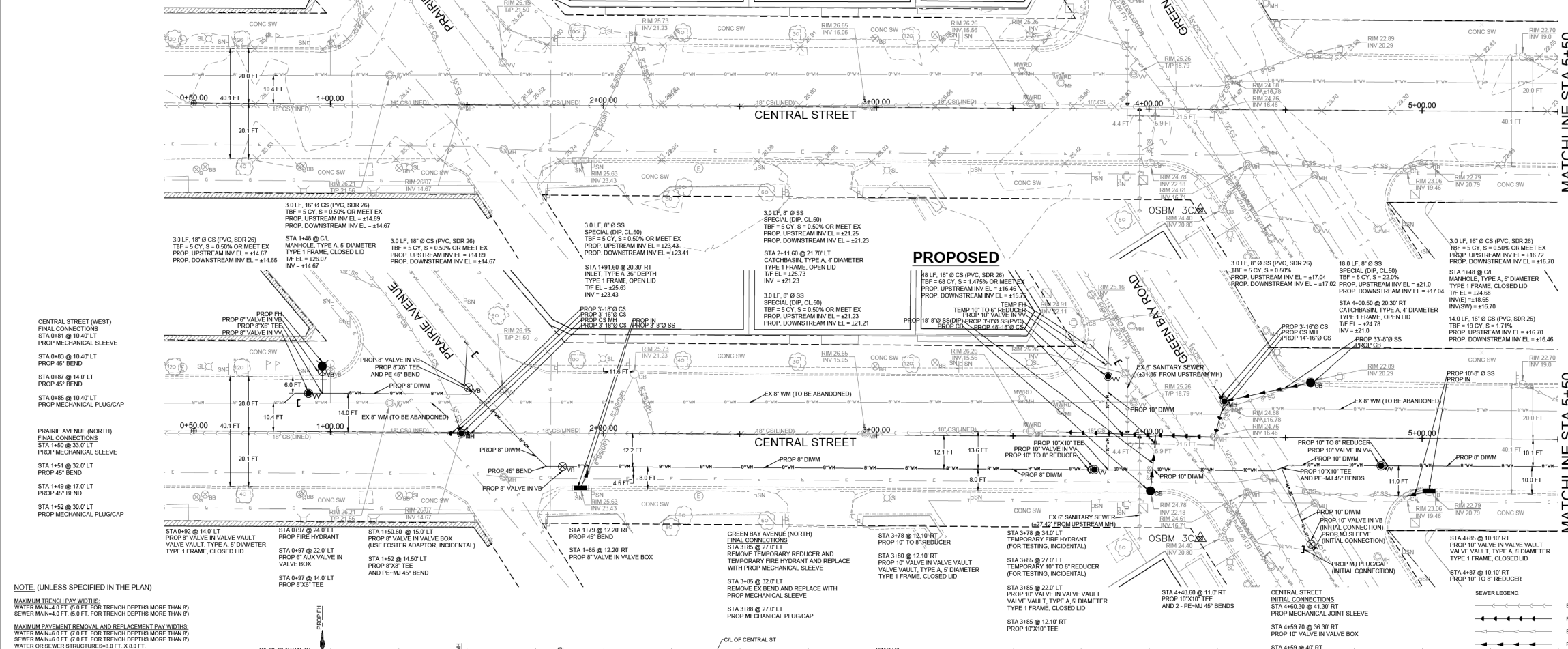
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	61
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

DRAWING NOT TO SCALE. MEASUREMENTS OBTAINED FROM THIS DRAWING MAY NOT ACCURATELY REPRESENT THE INTENDED DIMENSIONS.

CENTRAL STREET
(ASPHALT OVER CONCRETE)
EXISTING

PROPOSED



NOTE: (UNLESS SPECIFIED IN THE PLAN)
 MAXIMUM TRENCH PAY WIDTHS:
 WATER MAIN-8 FT. (5.0 FT. FOR TRENCH DEPTHS MORE THAN 8')
 SEWER MAIN-4.0 FT. (5.0 FT. FOR TRENCH DEPTHS MORE THAN 8')
 MAXIMUM PAVEMENT REMOVAL AND REPLACEMENT PAY WIDTHS:
 WATER MAIN-8 FT. (7.0 FT. FOR TRENCH DEPTHS MORE THAN 8')
 SEWER MAIN-6.0 FT. (7.0 FT. FOR TRENCH DEPTHS MORE THAN 8')
 WATER OR SEWER STRUCTURES-8.0 FT. X 8.0 FT.
 WATER OR SEWER STRUCTURES REMOVAL-8.0 FT. X 6.0 FT.
 VALVE BOX REMOVAL-2.0 FT. X 2.0 FT.
 FOR WIDTHS IN EXCESS OF THE ABOVE, WILL NOT BE PAID SEPARATELY BUT CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS.

NOTES FOR WORK NEAR MWRD INTERCEPTOR:
 1. THE MWRD SHALL HAVE 24 HOUR A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWER FACILITIES.
 2. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWER FACILITIES/WATERWAYS.
 3. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/OVERCOVERED.
 4. MWRD FACILITIES SHALL BE IDENTIFIED PRIOR TO ANY CONSTRUCTION ACTIVITY.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL MWRD FACILITIES FROM ALL CONSTRUCTION OPERATIONS AND EQUIPMENT.
 6. MWRD STRUCTURES SHALL BE LOCATED, PROTECTED, AND/OR ADJUSTED TO GRADE, AS NECESSARY.

MATCHLINE STA 5+50
SEE SHEET 5 OF 13

MATCHLINE STA 5+50
SEE SHEET 5 OF 13



NO.	DATE	REVISION
1		
2		
3		
4		

2023 CENTRAL STREET
WATER MAIN IMPROVEMENTS PROJECT

SCALE
NTS

PROJECT NUMBER:
PW-WM-2303A

BID NUMBER:
23-__

ISSUED FOR:
BID

DATE: 04/10/2023

DESIGNED BY: AA

DRAWN BY: AA

CHECKED BY: BN

SHEET
4 OF 12

X:\Public Works\Engineering\2023 Projects\Central and Main WM Project\Central WM4-5 - Central Street WM.dwg

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

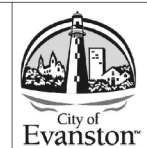
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

2023 CENTRAL STREET
WATER MAIN IMPROVEMENTS PROJECT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K60	

DRAWING NOT TO SCALE. MEASUREMENTS OBTAINED FROM THIS DRAWING MAY NOT ACCURATELY REPRESENT THE INTENDED DIMENSIONS.



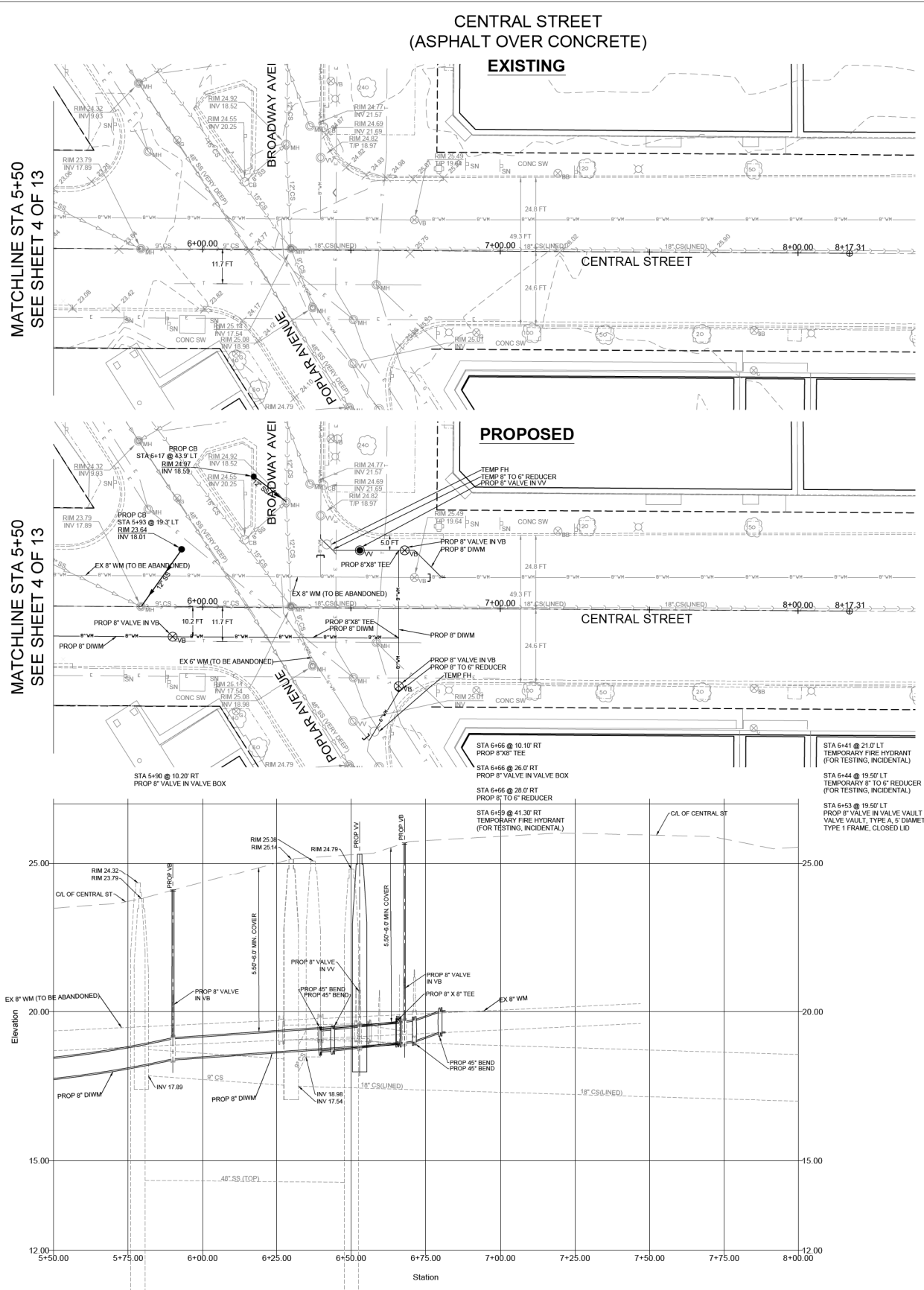
NO.	DATE	REVISION
1		
2		
3		
4		

2023 CENTRAL STREET WATER MAIN IMPROVEMENTS PROJECT

SCALE	NTS
PROJECT NUMBER:	PW-WM-2303
BID NUMBER:	23-__
ISSUED FOR:	PERMIT
DATE:	04/10/2023
DESIGNED BY:	AA
DRAWN BY:	AA
CHECKED BY:	BN
SHEET	5 OF 13

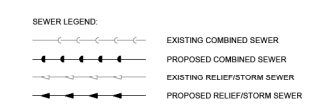
X:\Public Works\Engineering\Engineers\FY 2023 PROJECTS\Central and Main WM Project\Central Street WM.dwg

X:\Public Works\Engineering\Engineers\FY 2023 PROJECTS\Central and Main WM Project\Central Street WM.dwg



BROADWAY AVENUE (NORTH)
FINAL CONNECTIONS
STA 6+40 @ 25.50' LT
PROP MECHANICAL SLEEVE
STA 6+40 @ 23.50' LT
PROP 45' BEND
STA 6+44 @ 19.50' LT
REMOVE TEMPORARY
REDUCER AND REPLACE WITH
PROP 45' BEND
STA 6+40 @ 18.0' LT
PROP MECHANICAL PLUG/CAP

STA 6+54 @ 10.10' RT
PROP 8"X8" TEE
STA 6+56 @ 25.0' RT
PROP 8" VALVE IN VALVE BOX
STA 6+56 @ 28.0' RT
PROP 8" TO 6" REDUCER
STA 6+49 @ 41.30' RT
TEMPORARY FIRE HYDRANT
(FOR TESTING, INCIDENTAL)
STA 6+41 @ 21.0' LT
TEMPORARY FIRE HYDRANT
(FOR TESTING, INCIDENTAL)
STA 6+44 @ 19.50' LT
TEMPORARY 8" TO 6" REDUCER
(FOR TESTING, INCIDENTAL)
STA 6+53 @ 19.50' LT
PROP 8" VALVE IN VALVE VAULT
VALVE VAULT, TYPE A, 5' DIAMETER
TYPE 1 FRAME, CLOSED LID



NOTE: (UNLESS SPECIFIED IN THE PLAN)
MAXIMUM TRENCH PAY WIDTHS:
WATER MAIN-4.0 FT. (5.0 FT. FOR TRENCH DEPTHS MORE THAN 8')
SEWER MAIN-4.0 FT. (5.0 FT. FOR TRENCH DEPTHS MORE THAN 8')
MAXIMUM PAYMENT REMOVAL AND REPLACEMENT PAY WIDTHS:
WATER MAIN-6.0 FT. (7.0 FT. FOR TRENCH DEPTHS MORE THAN 8')
SEWER MAIN-6.0 FT. (7.0 FT. FOR TRENCH DEPTHS MORE THAN 8')
WATER OR SEWER STRUCTURES-8.0 FT. X 6.0 FT.
VALVE BOX REMOVAL-2.0 FT. X 2.0 FT.
FOR WIDTHS IN EXCESS OF THE ABOVE, WILL NOT BE PAID SEPARATELY
BUT CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS.

- NOTES:
- ALL MATERIALS SHOULD BE "MADE IN AMERICA".
 - CITY REQUIRES THE USE OF STAINLESS STEEL BOLTS ON ALL FITTINGS OR MECHANICAL JOINT CONNECTIONS.
 - ALL SERVICES WILL BE TRACED BY WATER DIVISION PRIOR TO CONNECTION.
 - ALL NEW WATER SERVICES WILL BE 1.5" DIAMETER FOR EXISTING WATER SERVICES EQUAL OR LESS THAN 1.5" DIAMETER AND REQUIRED TO BE AUGERED.
 - A WATER TIGHT CONNECTION CONFORMING TO ASTM C-923 SHALL BE BETWEEN ALL PROPOSED SEWERS THAT WILL CONNECT TO EXISTING OR PROPOSED STRUCTURES. ALL PIPE CONNECTIONS TO EXISTING MANHOLES SHALL HAVE RUBBER ROOTS CONFORMING TO ASTM C-923.
 - SEE MAND GENERAL NOTES #19 FOR PLUGGING/INCIDENTAL TO VARIOUS PAY ITEMS.
 - TEMPORARY FLUSHING FIRE HYDRANT WILL BE SUPPLIED BY THE CITY, AND INSTALLED BY THE CONTRACTOR UTILIZING MESA LUG COMPONENTS PRIOR TO FINAL CONNECTIONS. CONTRACTOR SHALL REMOVE THE TEMPORARY HYDRANT AND NOTIFY THE CITY FOR PICK UP. (INCIDENTAL TO WATER MAIN WORK ITEMS, NO SEPARATE PAYMENT)
 - ALL NON-PRESSURE CONNECTIONS TO EXISTING WATER MAIN WILL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCIDENTAL TO WATER MAIN WORK ITEMS.
 - VITON GASKETS (PKW GASKETS) WILL ONLY BE USED WHEN CONTAMINATED SOILS ARE ENCOUNTERED.
 - EXPLORATORY TRENCH WILL BE FIELD DETERMINED AND APPROVED ONLY BY THE RESIDENT ENGINEER.
 - ALL NEW FIRE HYDRANTS SHOULD BE EQUIPPED WITH ONE PIECE WEATHERSHIELD OPERATING NUT.

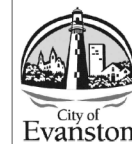
USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

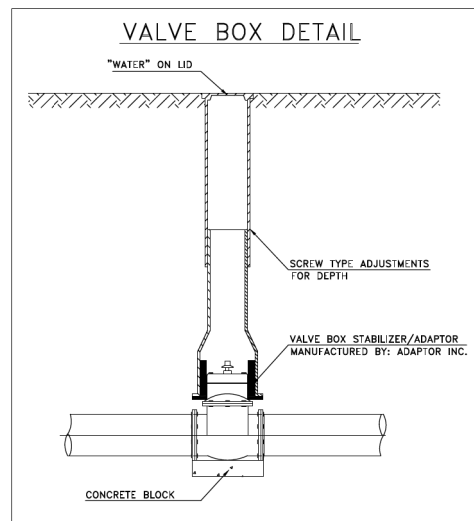
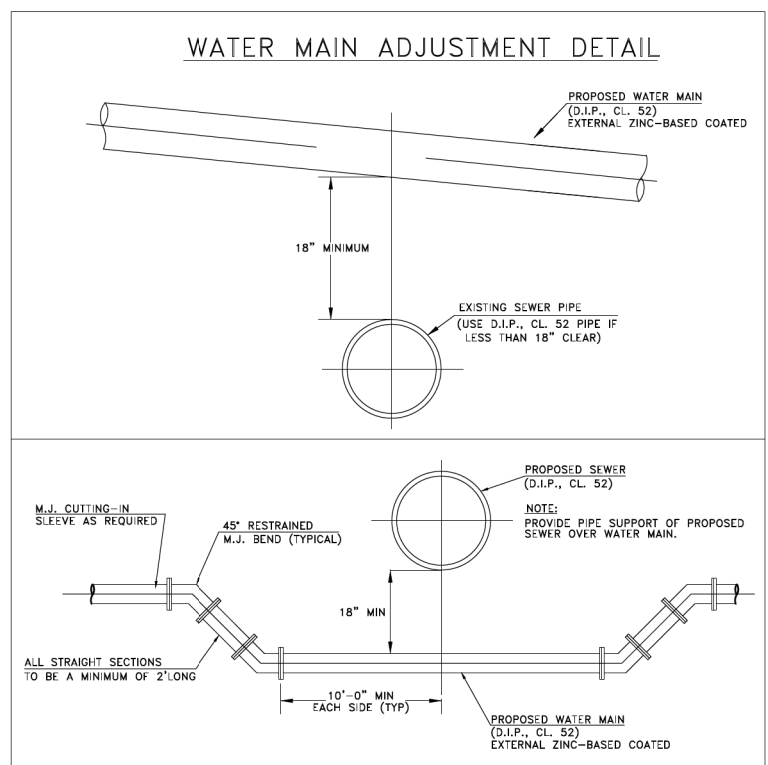
**2023 CENTRAL STREET
WATER MAIN IMPROVEMENTS PROJECT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	63
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K60	

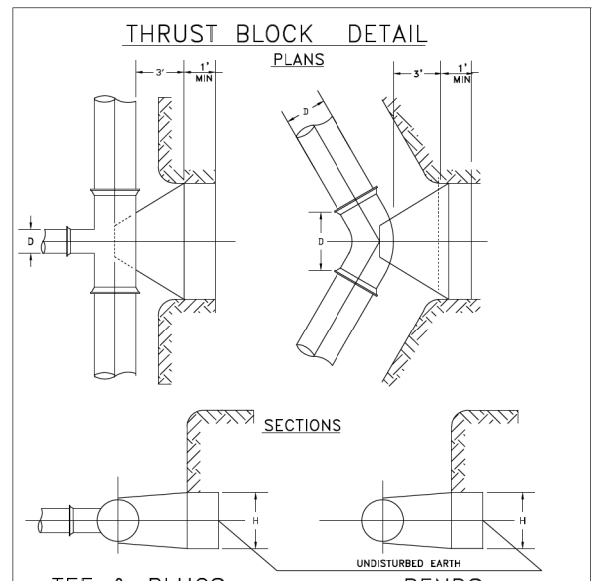
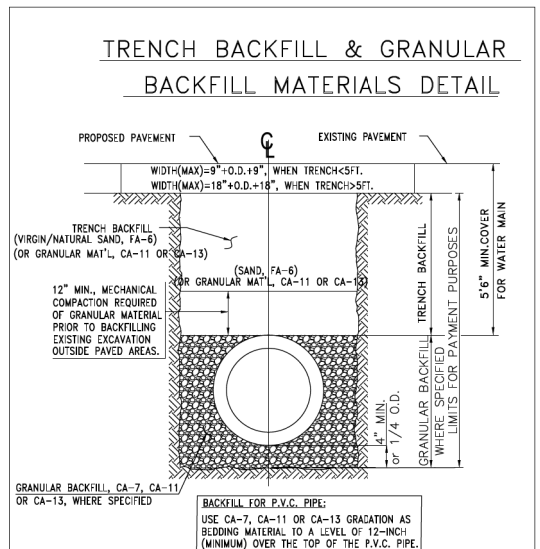
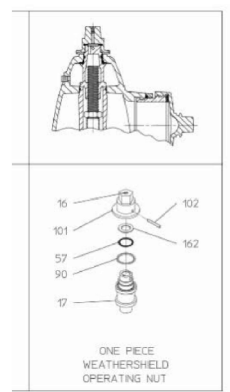
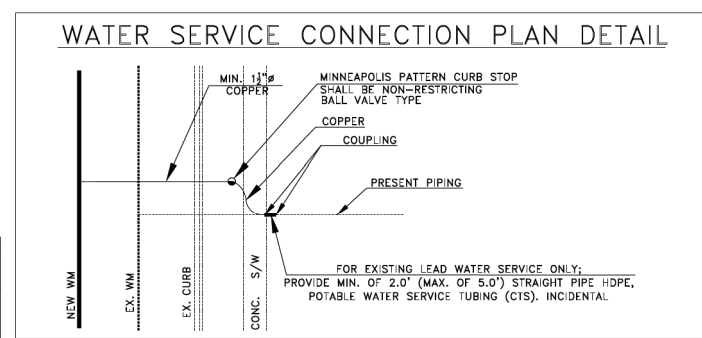
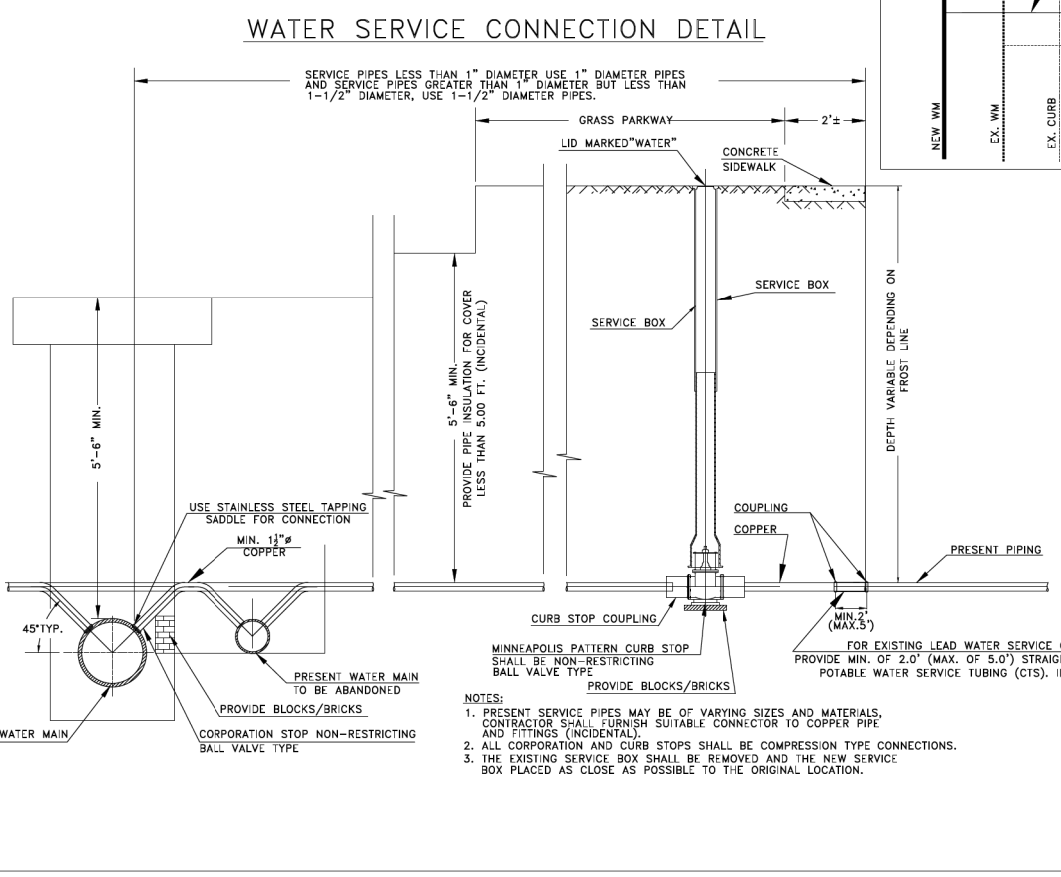
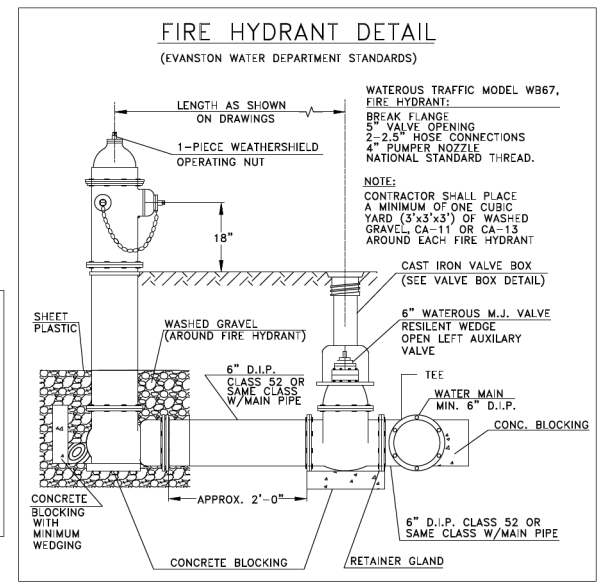
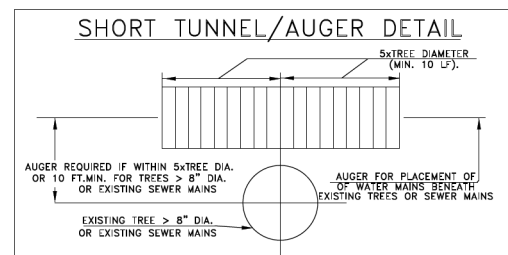


CITY OF EVANSTON TYPICAL DETAILS



BEDDING PAYMENT SCHEDULE

PIPE SIZE (INCH I. D.)	UNIT RATE PER LIN. FT. (TONS)
6	0.17
8	0.19
10	0.22
12	0.25
15	0.33
18	0.41
21	0.48
24	0.57
27	0.64
30	0.74
36	0.94
42	1.15
48	1.38
54	1.71
60	1.90



TEE & PLUGS BENDS

PIPE SIZE	6"		8"		10"		12"	
	L	H	L	H	L	H	L	H
TEE & PLUG	2'-0"	1'-6"	2'-0"	2'-0"	3'-0"	2'-0"	4'-6"	2'-0"
90° BEND	2'-0"	2'-0"	3'-0"	2'-0"	4'-6"	2'-0"	6'-0"	2'-0"
45° BEND	2'-0"	1'-0"	2'-0"	1'-6"	3'-0"	1'-6"	3'-6"	2'-0"
22-1/2° BEND	1'-0"	1'-0"	2'-0"	1'-6"	2'-0"	1'-6"	3'-0"	1'-6"
11-1/4° BEND	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	1'-0"

NO.	REVISION	DATE
1		
2		
3		
4		

2023 CENTRAL STREET WATER MAIN IMPROVEMENTS PROJECT

SCALE	NTS
PROJECT NUMBER:	PW-WM-2303
BID NUMBER:	23-__
ISSUED FOR:	PERMIT
DATE:	04/10/2023
DESIGNED BY:	AA
DRAWN BY:	AA
CHECKED BY:	BN
SHEET	7 OF 13

X:\Public Works\Engineering\2023 Projects\Central and Main WM Project\Sheet 7 - DETAIL.dwg
DT 02/25/2010

MODEL: Default
FILE: 2023_Central_and_Main_WM_Improvements.dwg
X:\Public Works\Engineering\2023 Projects\Central and Main WM Project\Sheet 7 - DETAIL.dwg
DT 02/25/2010

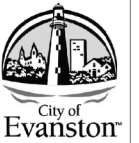
USER NAME =	JoelTurk	DESIGNED -	REVISED -
DRAWN -		REVISED -	
PLOT SCALE =	2,000.0' / in.	CHECKED -	REVISED -
PLOT DATE =	7/10/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

2023 CENTRAL STREET WATER MAIN IMPROVEMENTS PROJECT	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K60	

CITY OF EVANSTON TYPICAL DETAILS



PIPE MATERIAL SPECIFICATION

WHERE POLYVINYL CHLORIDE PIPE (P.V.C.) IS CALLED FOR ON THE CONTRACT PLANS, IT SHALL BE SDR 26 IN CONFORMANCE WITH:

6" TO 15" PIPE ASTM D-3034
18" OR LARGER PIPE ASTM F-679

WHERE DUCTILE IRON PIPE (D.I.P.) IS CALLED FOR ON THE CONTRACT PLANS, IT SHALL BE:

FOR SEWER: CLASS 50 IN CONFORMANCE WITH:
ANSI A-21.51 PIPE
ANSI A-21.11 JOINT

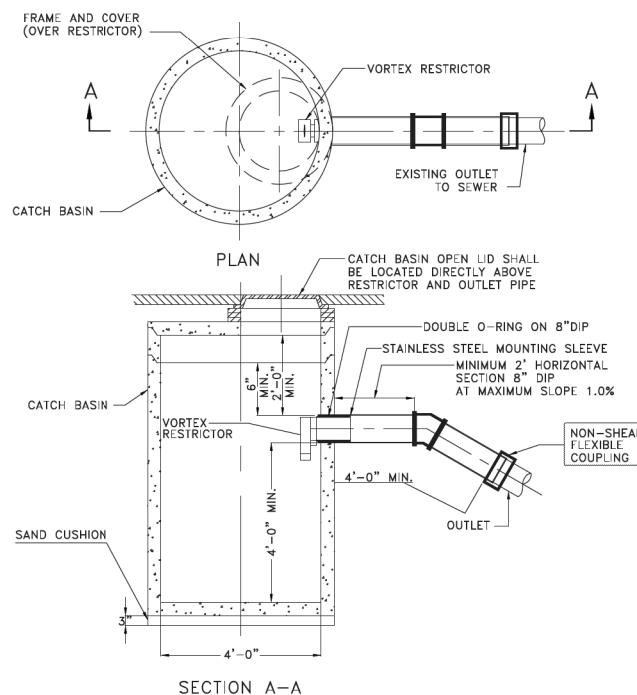
FOR WATER: CLASS 52 IN CONFORMANCE WITH:
Mechanical Joints; AWWA C-153
Push-On Joints; AWWA C-153

WHERE EXTRA STRENGTH CLAY PIPE (E.S.V.C.P.) IS CALLED FOR ON THE CONTRACT PLANS, IT SHALL BE IN CONFORMANCE WITH:

ASTM C-700 PIPE
ASTM C-425 JOINT

A	B	C	D	E
48"	5"	24"	36"	0.12
60"	6"	32" MIN	48"	0.17
72"	7"	48"	54"	0.21
84"	8-3/4"	90" MAX	60"	0.27
96"	9"			

DETAIL OF CATCH BASIN, TYPE A

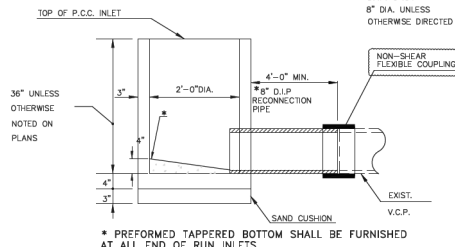


NOTE: WHEN CATCH BASIN IS CONNECTED TO THE EXISTING COMBINED SEWER, THE CONTRACTOR WILL BE REQUIRED TO INSTALL A VORTEX RESTRICTOR TO BE PROVIDED BY THE CITY. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE COST OF CATCH BASIN.

REFER TO SPECIAL PROVISIONS IN CONTRACT PROPOSAL.

NOTE: All inlet and outlet pipes of sanitary sewer manholes and other underground structures (and in combined sewer areas, also all combined storm sewer manholes, catch basins, inlets, and underground detention storage structures) shall be joined with watertight flexible rubber connections, conforming to A.S.T.M. C-443 and C-923 with stainless steel band.

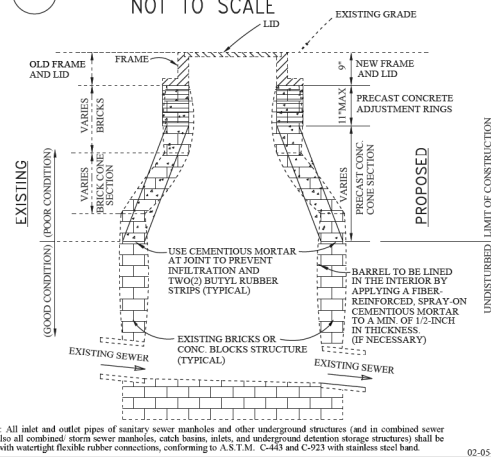
INLET, TYPE A DETAIL



SPECIFICATION REFERENCE: SECTION 602

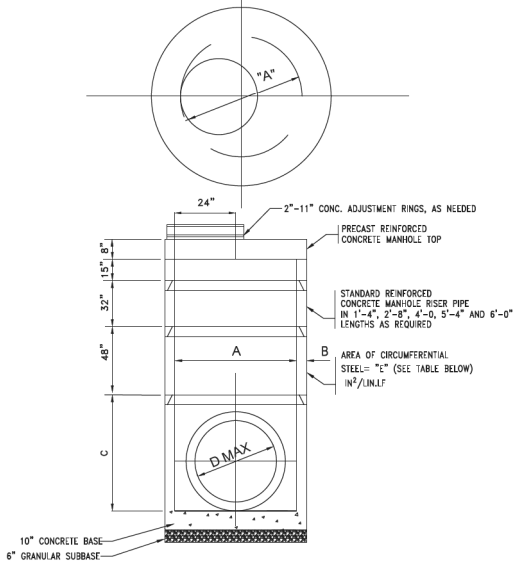
NOTE: All inlet and outlet pipes of sanitary sewer manholes and other underground structures (and in combined sewer areas, also all combined storm sewer manholes, catch basins, inlets, and underground detention storage structures) shall be joined with watertight flexible rubber connections, conforming to A.S.T.M. C-443 and C-923 with stainless steel band.

BRICKS OR CONCRETE BLOCKS STRUCTURE TYPICAL RECONSTRUCTION DETAIL NOT TO SCALE



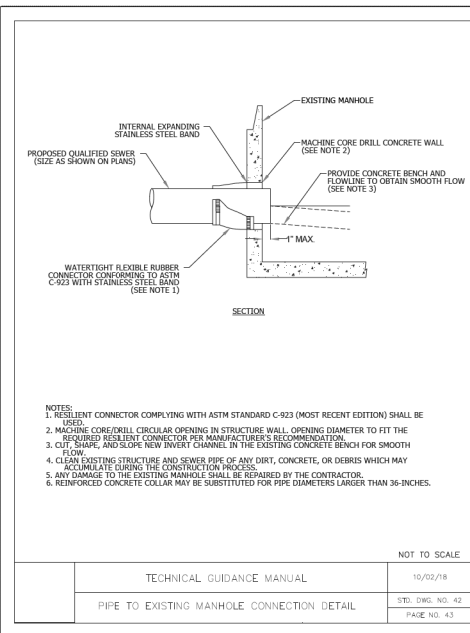
NOTE: All inlet and outlet pipes of sanitary sewer manholes and other underground structures (and in combined sewer areas, also all combined storm sewer manholes, catch basins, inlets, and underground detention storage structures) shall be joined with watertight flexible rubber connections, conforming to A.S.T.M. C-443 and C-923 with stainless steel band.

STANDARD MANHOLE WITH FLAT TOP DETAIL

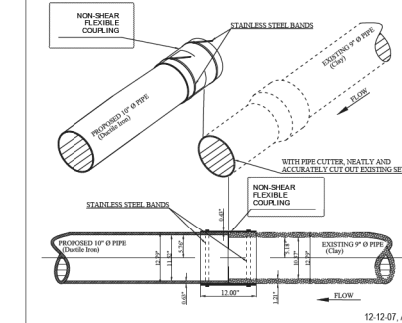


NOTE: THE WATERTIGHT RESILIENT CONNECTOR (ASTM C 923) SHALL BE PROVIDED FOR CORED OPENINGS BETWEEN STRUCTURE AND SEWER PIPE.

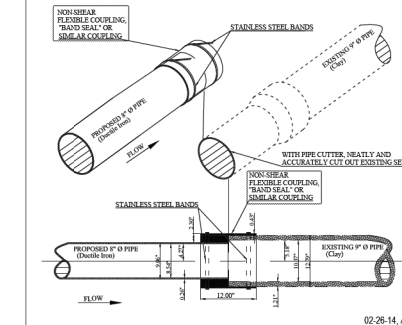
NOTE: All inlet and outlet pipes of sanitary sewer manholes and other underground structures (and in combined sewer areas, also all combined storm sewer manholes, catch basins, inlets, and underground detention storage structures) shall be joined with watertight flexible rubber connections, conforming to A.S.T.M. C-443 and C-923 with stainless steel band.



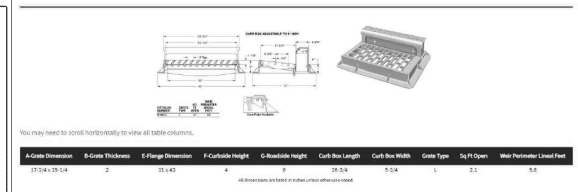
NEW 10" Ø PIPE TO EXISTING 9" Ø PIPE TYPICAL CONNECTION DETAIL NOT TO SCALE



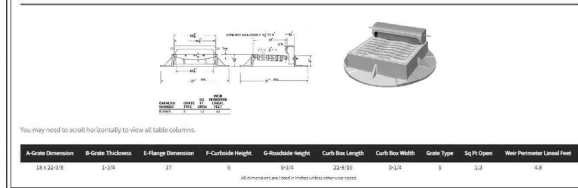
NEW 8" Ø PIPE TO EXISTING 9" Ø PIPE TYPICAL CONNECTION DETAIL NOT TO SCALE



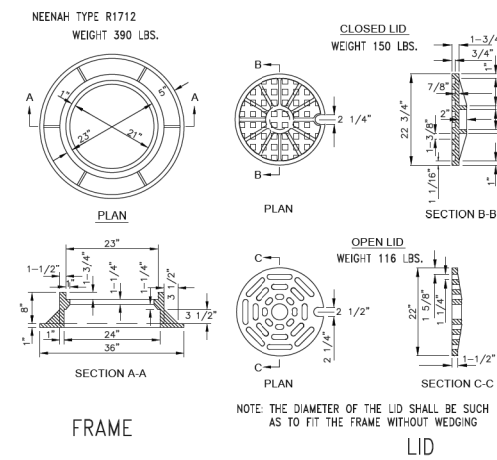
R-3067-L (NEENAH Foundry)



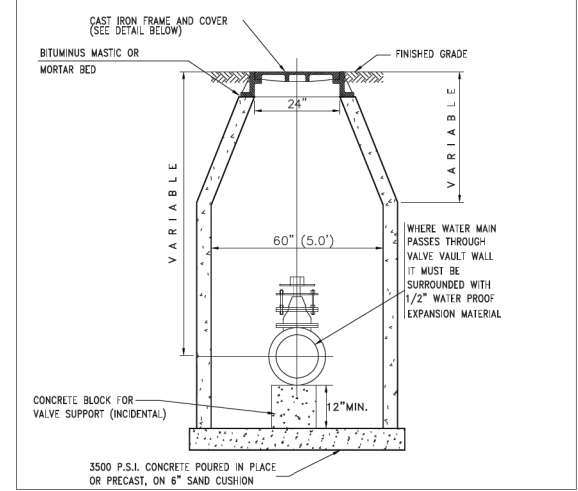
R-3159-A (NEENAH Foundry)



TYPE 1 FRAME AND LID DETAIL



VALVE VAULT DETAIL



NO.	DATE	REVISION
1		
2		
3		
4		

2023 CENTRAL STREET WATER MAIN IMPROVEMENTS PROJECT

SCALE
NTS

PROJECT NUMBER:
PW-WM-2303

BID NUMBER:
23-

ISSUED FOR:
PERMIT

DATE: 04/10/2023

DESIGNED BY: AA

DRAWN BY: AA

CHECKED BY: BN

SHEET
8 OF 13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

2023 CENTRAL STREET
WATER MAIN IMPROVEMENTS PROJECT

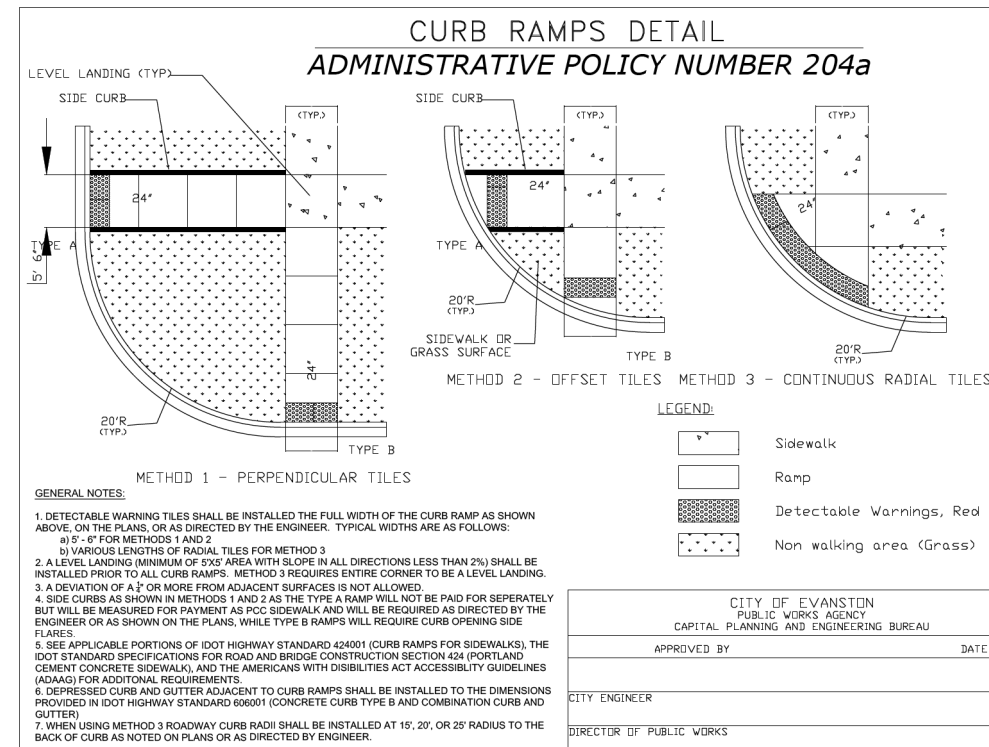
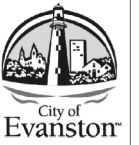
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	65
				CONTRACT NO. 61K60

ILLINOIS FED. AID PROJECT

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000.0' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

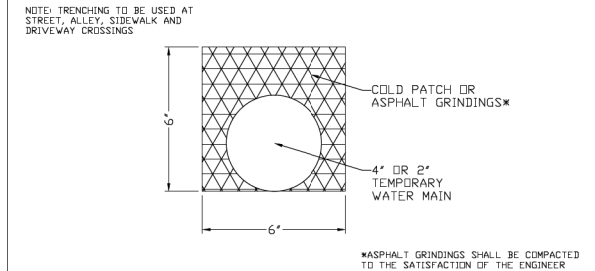
CITY OF EVANSTON TYPICAL DETAILS



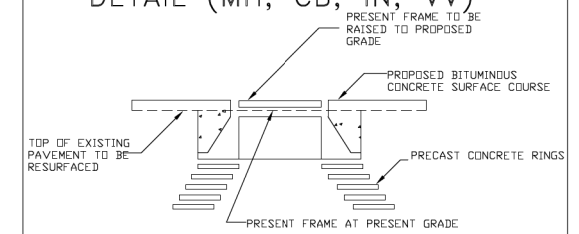
IDOT STANDARDS:

- 424001-11 PERPENDICULAR CURB RAMP FOR SIDEWALKS
- 424026-03 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

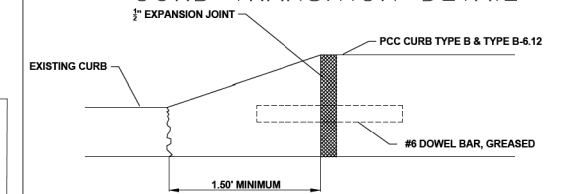
TEMPORARY WATER MAIN TRENCH



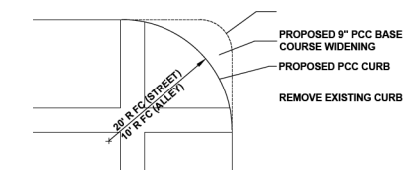
FRAME AND GRATE ADJUSTMENT DETAIL (MH, CB, IN, VV)



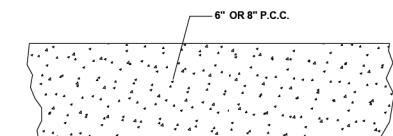
SECTION FOR CURB TRANSITION DETAIL



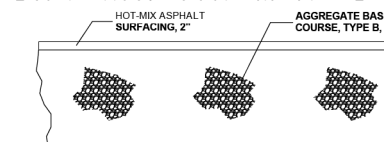
PLAN FOR INCREASING CURB RADIUS DETAIL



SECTION CONCRETE DRIVEWAY PAVEMENT DETAIL



SECTION HOT-MIX ASPHALT DRIVEWAY PAVEMENT DETAIL



NO.	DATE	REVISION
1		
2		
3		
4		

2023 CENTRAL STREET WATER MAIN IMPROVEMENTS PROJECT

SCALE
NTS

PROJECT NUMBER:
PW-WM-2303

BID NUMBER:
23-__

ISSUED FOR:
PERMIT

DATE: 04/10/2023

DESIGNED BY: AA

DRAWN BY: AA

CHECKED BY: BN

SHEET
9 OF 13

X:\Public Works\Engineering\Engineers\FY 2023 PROJECTS\Central and Main WM Project\Sheet 9 - DETAILS.dwg

MODEL: Default
FILE: h:\hpc_projects\pw_bentley.com\hpc\pw-01\Documents\01_Active Projects\WW-CUS-168112005 - Green Bay Road - Phase II-2_Design\CAD\Bim_Sheets\168112005-shc-Central\WM-07_KHA.dgn

USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

2023 CENTRAL STREET
WATER MAIN IMPROVEMENTS PROJECT

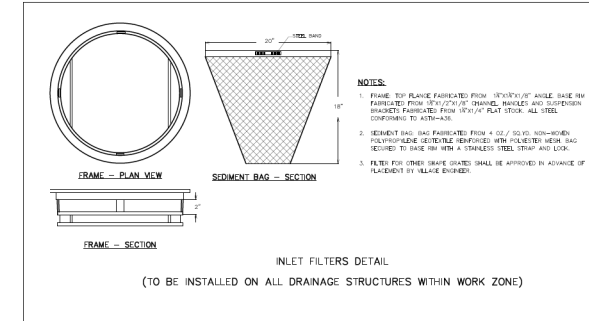
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K60	

EROSION AND SEDIMENT CONTROL PLAN

Washout water from the concrete trucks is not allowed to be discharged directly into the combined sewer system without pretreatment. If a concrete washout pad or dumpster is not maintained on site, the concrete trucks shall be required to return to the concrete supplies plant for washout cleaning.

The contractor shall be responsible for trench dewatering and excavation for the installation of sanitary sewers, storm sewers, water mains 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 water shall not be discharged to waterways, flood protection areas or the combined sewer system.



Legend

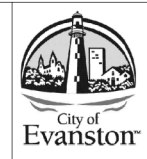
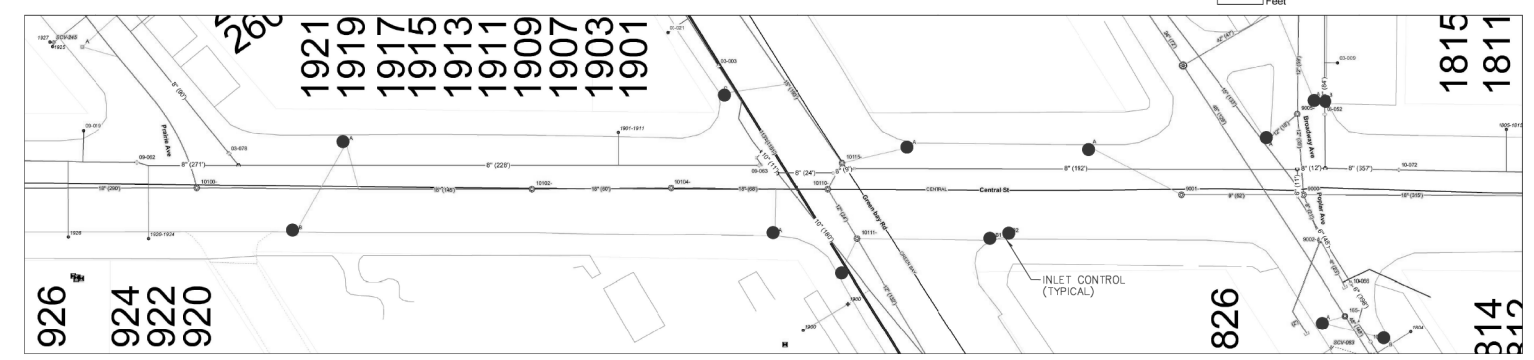
Comb. Mains - ACTIVE

SubType RESPONSIBILITY

- Comb. Main, City
- Comb. Outfall, City
- Comb. Interceptor, City
- Comb. Inverse Siphon, City
- Comb. Overflow, City
- Main, MWRD
- Outfall MWRD
- Interceptor, MWRD
- Inverse Siphon, MWRD
- Overflow, MWRD
- Main, Private
- Outfall Private
- Curtain Private
- City Boundary
- Street Label
- Parks
- Water Bodies
- City Background (white)
- Rel. Main, City
- Rel. Outfall, City
- Rel. Inverse Siphon, City
- Rel. Overflow, City
- Main, MWRD
- Open Channel | MWRD
- Main, Private
- Outfall Private
- Line | Private

CENTRAL STREET (Prairie Ave - Poplar Ave)

● - Inlet Control Locations



REVISION			
NO.	DATE	NO.	DATE
1		2	
3		4	

2023 CENTRAL STREET WATER MAIN IMPROVEMENTS PROJECT EROSION AND SEDIMENT CONTROL PLAN

NOTES:

1. Construction Program Schedule

Prior to start of construction, the contractor shall meet with the resident engineer and discuss the project construction activities, erosion and sediment control practices and site restoration measures. Site clearing and excavation shall not proceed until the contractor prepares and submits a construction program schedule for all erosion and sediment control practices, construction activities and site restoration measures.

2. Best Management Practices

- The existing drainage structures as indicated on the plans shall be provided with inlet filter control devices. These devices shall be maintained in place during the entire construction period.
- The storm sewer system shall be installed as soon as earthwork operations permit. The areas around inlet structures shall be temporarily graded to ground level 12 inches below the structure rim to inhibit drainage into structure and create temporary sediment traps. Install filter fabric under the inlet casting grates immediately upon installation of the structures.
- All sediment filters and erosion protection features shall be inspected and maintained at least once a week, within 24 hours of the end of a 0.50 inch rainfall event and periodically as otherwise necessary to allow them to operate effectively.
- Excavated soil stockpile locations shall be limited to within the construction site.
- On-site equipment and material staging and storage areas shall be limited to locations within the construction site.
- Construction vehicle access shall be limited to defined connections to/from the adjacent streets.
- Soil, mud or debris deposited, tracked or washed on the adjacent streets shall be removed daily.
- Water pumped or otherwise discharged from the work site during dewatering operations shall be filtered to minimize the off-site discharge of suspended solids.
- It is intended that all permanent grass areas be established with turf grass sod within seven days after completion of topsoil placement operations.

SCALE NTS
PROJECT NUMBER: PW-WM-2303
BID NUMBER: 23-__
ISSUED FOR: PERMIT
DATE: 04/10/2023
DESIGNED BY: AA
DRAWN BY: AA
CHECKED BY: BN
SHEET 13 OF 13

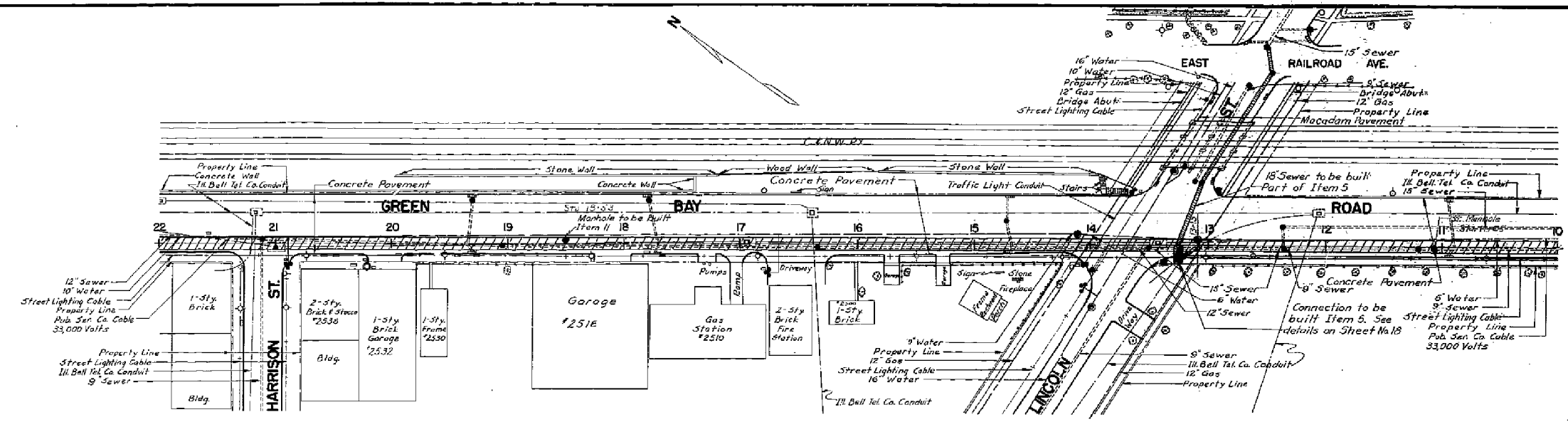
USER NAME = JoelTurk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

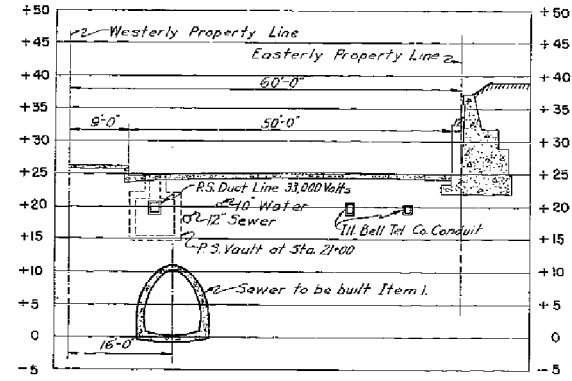
2023 CENTRAL STREET WATER MAIN IMPROVEMENTS PROJECT	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	68
CONTRACT NO. 61K60				
ILLINOIS		FED. AID PROJECT		

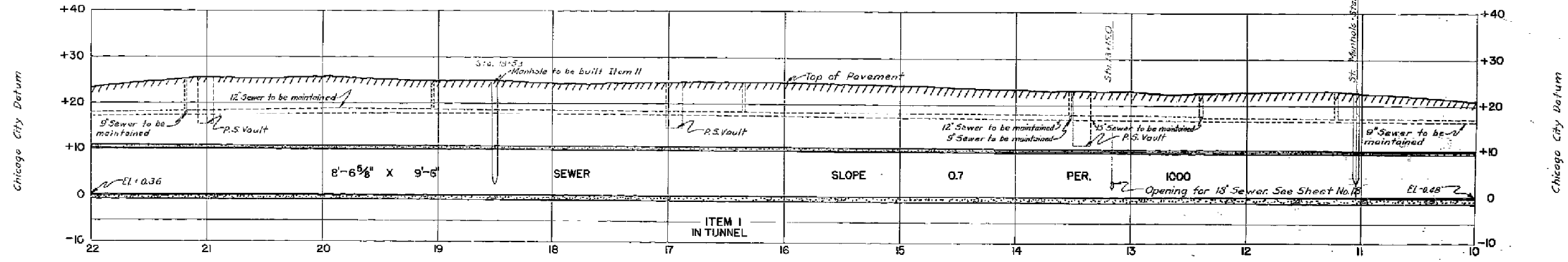
MODEL: Default
FILE: \\public\pw_bentley.com\shp\pw-01\Documents\01_Active Projects\WW\CHS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-sh-2-Central\WM-09_K1A.dgn
X:\Public Works\Engineering\Engineers\FY 2023 PROJECTS\Central and Main WM Project\Sheet 13-ESCP.dwg



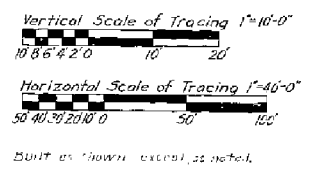
PLAN
STA. 10+00 TO STA. 22+00



CROSS-SECTION OF GREEN BAY ROAD LOOKING NORTHWESTERLY
AT STA. 20+50
Scale: 1"=10'-0"



PROFILE
STA. 10+00 TO STA. 22+00



Plan: 1"=40'-0"
Profile: 1"=10'-0"
For conventional signs see Sheet No. 2.
Note W on Sheet No. 3 applies to this sheet.

DRAWN BY L. U. Kocanda
CHECKED BY P. B. Warner, E. Berglund
EXAMINED BY J. J. [Signature]
Asst. Eng. Sewer Design

Senior Civil Engineer

Contract was made from
Record Set July 24, 1949
Made By A.L. Gierz
Checked By E. Berglund

THE SANITARY DISTRICT OF CHICAGO
NORTH SHORE INTERCEPTING SEWER
CONTRACT NO. 6
PLAN AND PROFILE
JULY, 1947
SHEET NO. 3
SCALES SHOWN ARE
SCALES OF TRACINGS



USER NAME = Joel Turk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

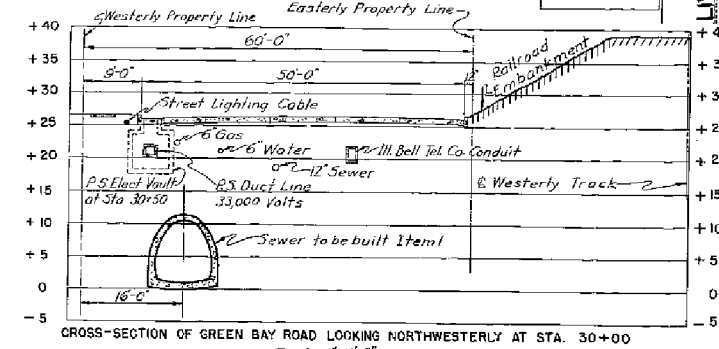
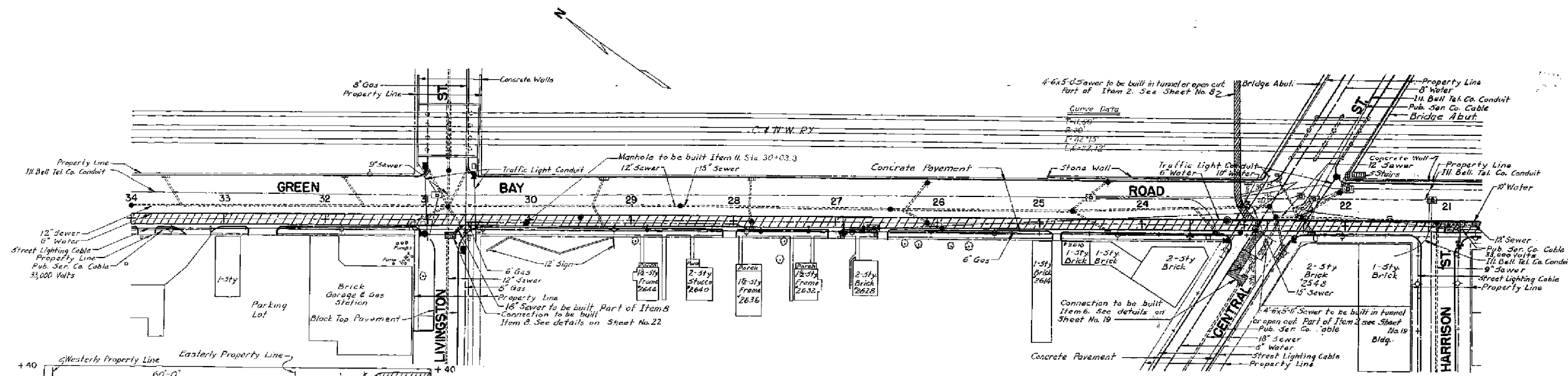
MWRD REFERENCE DRAWINGS

SCALE: SHEET OF SHEETS STA. TO STA.

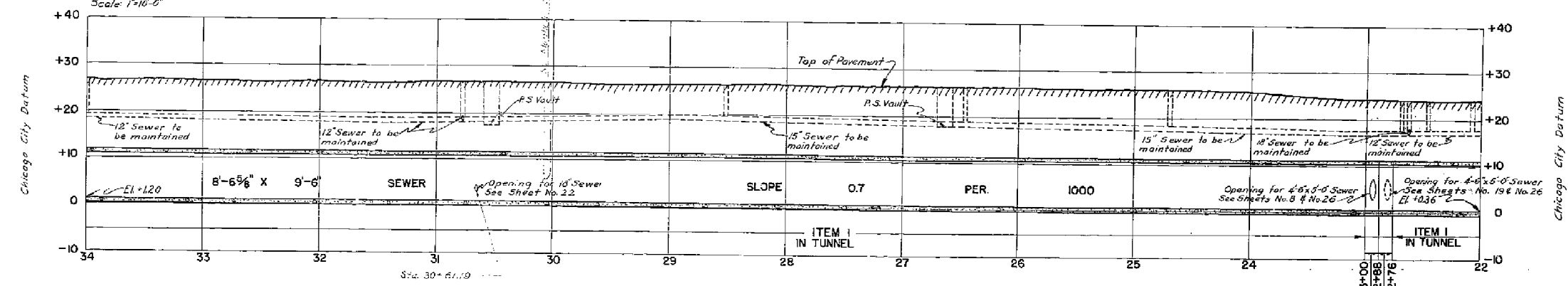
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	69
CONTRACT NO. 61K60				

ILLINOIS FED. AID PROJECT

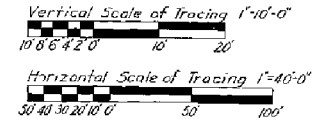
MODEL: Default FILE: M:\GIS\Projects\pww\pww\01\Documents\01 Active Projects\WV\CHS\68112005 - Green Bay Road - Phase B2 Design\CAD\Plan Sheets\68112005-sht-murder-de-01_KHA.dgn



PLAN
STA. 22+00 TO STA. 34+00



PROFILE
STA. 22+00 TO STA. 34+00



For conventional signs see Sheet No. 2.
Note X on Sheet No. 9 applies to this Sheet.

Plan: 1"=40'-0"
Profile: Hor. 1"=40'-0"
Vert. 1"=10'-0"

Drawn by L.U. Kaganda
Checked by P.B. Marger, E. Berglund
Examined by [Signature]
Asst. Engr. Sewer Design

[Signature]
Civil Engineer

Corrected: [Signature] Acting Engr. of Sewer Design
Approved: [Signature] Assistant Chief Engineer
Approved: [Signature] Chief Engineer

THE SANITARY DISTRICT OF CHICAGO
NORTH SHORE INTERCEPTING SEWER
CONTRACT NO. 6

PLAN AND PROFILE
JULY, 1947
SHEET NO. 4



USER NAME = Joel Turk	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

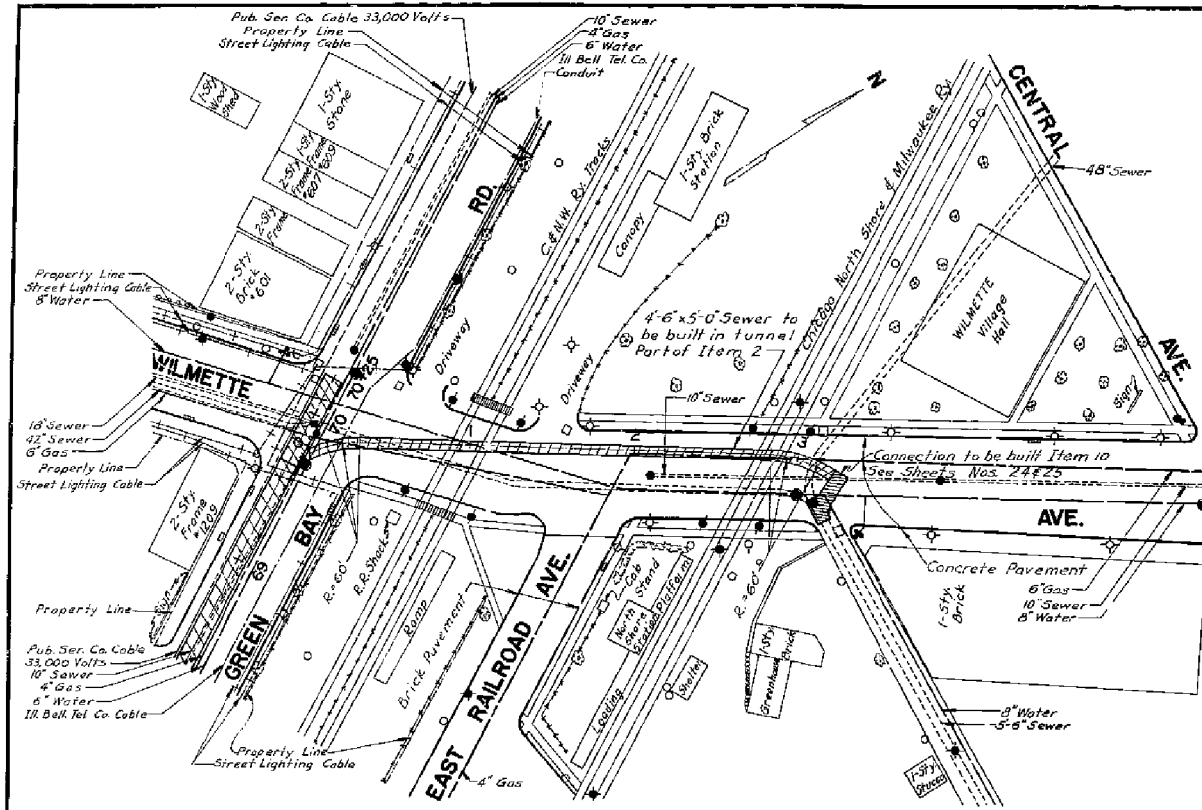
MWRD REFERENCE DRAWINGS

SCALE: SHEET OF SHEETS STA. TO STA.

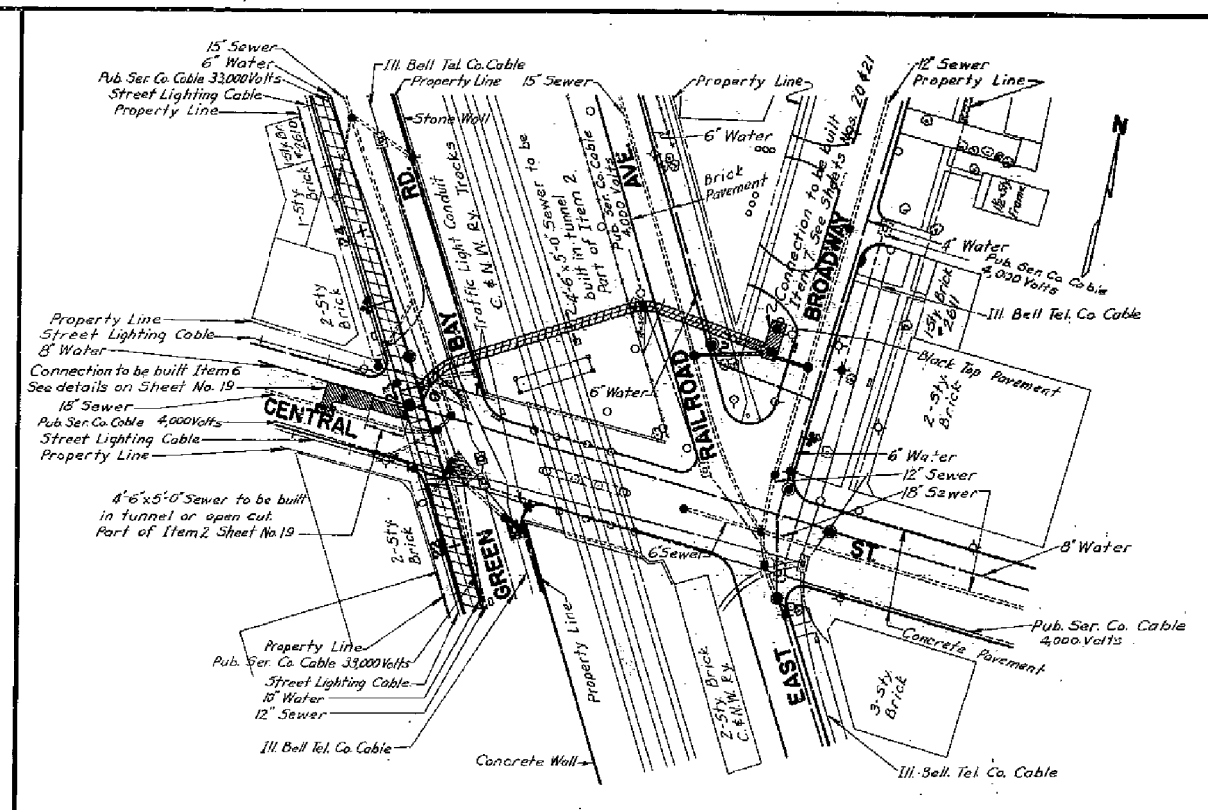
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	70
CONTRACT NO. 61K60				

ILLINOIS FED. AID PROJECT

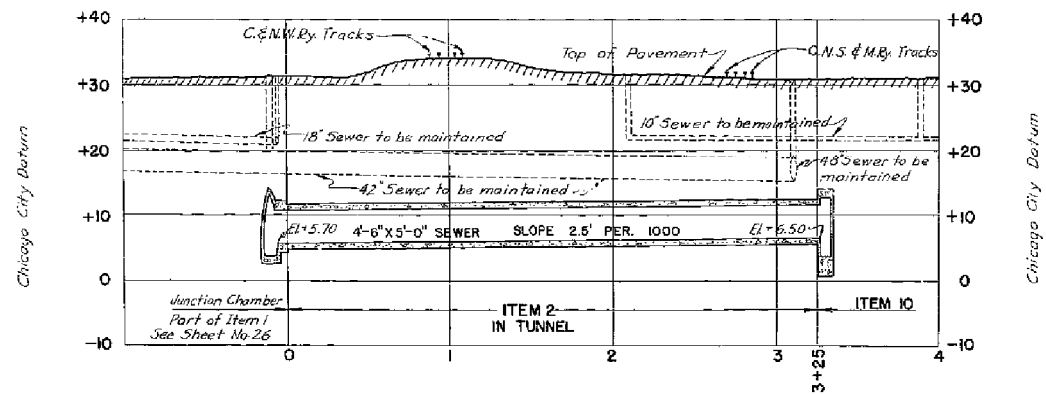
MODEL: Default FILE: \\nas01.pw.bentley.com\pwwp-01\Documents\01 Active Projects\MK-CUS-168112005 - Green Bay Road - Phase B2 Design\CAD\Plan Sheets\168112005-sht-murder-de-02_KHA.dgn



PLAN 4'-6" X 5'-0" SEWER
IN WILMETTE AVE.



PLAN 4'-6" X 5'-0" SEWER FROM
BROADWAY CONNECTION

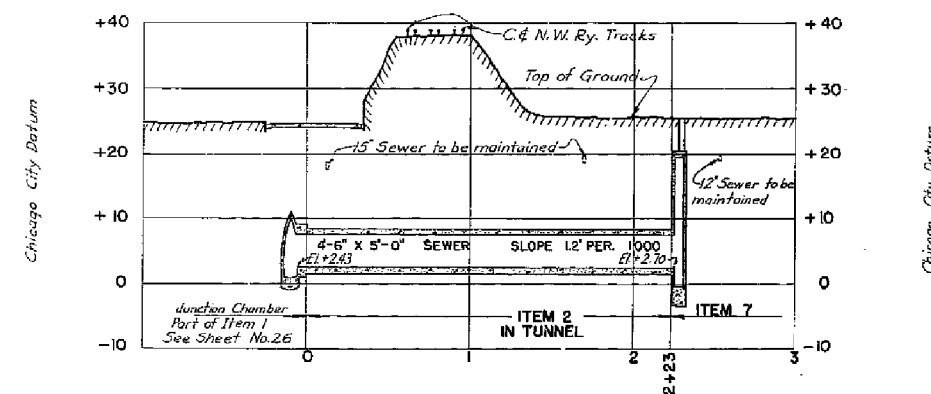


PROFILE 4'-6" X 5'-0" SEWER
IN WILMETTE AVE.

Plan: 1" = 40'-0"
Profile: Hor. 1" = 40'-0"
Vert. 1" = 10'-0"

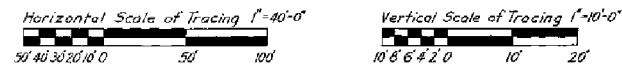
For conventional signs see Sheet No. 2
Note A on Sheet No. 9 applies to this sheet.

DRAWN BY *R.D. Kocanda*
TRACED BY *R.D. Kocanda*
CHECKED BY *P.B. Morner, E. Berglund*
EXAMINED BY *Army H. Clark*
Asst. Engr. Sewer Design



PROFILE 4'-6" X 5'-0" SEWER FROM
BROADWAY CONNECTION

Plan: 1" = 40'-0"
Profile: Hor. 1" = 40'-0"
Vert. 1" = 10'-0"



REVISION OF PLAN		
DATE	DESCRIPTION	BY
11-13-47	Public Service Co. under ground utilities revised at Central St., East Railroad Ave. and Broadway.	R.B.M.

Conc'd *R.H. Head*
Asst. Engr. of Sewer Design
Approved *[Signature]*
Asst. Chief Engineer
Approved *[Signature]*
Chief Engineer

THE SANITARY DISTRICT OF CHICAGO
NORTH SHORE INTERCEPTING SEWER
CONTRACT NO. 6

PLAN AND PROFILE

SCALES SHOWN ARE
SCALES OF TRACINGS

JULY, 1947
SHEET NO. 8

MODEL: Default
FILE: Model: p:\work\paw.bentley.com\paw-01\Documents\01 Active Projects\MK-CUS-168112005 - Green Bay Road - Phase B2 Design\CAD\Plan Sheets\168112005-sht-murder-de-03_CUA.dgn

Kimley-Horn

USER NAME = JoelTurk
DESIGNED -
DRAWN -
PLOT SCALE = 2,000' / in.
PLOT DATE = 7/10/2024

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

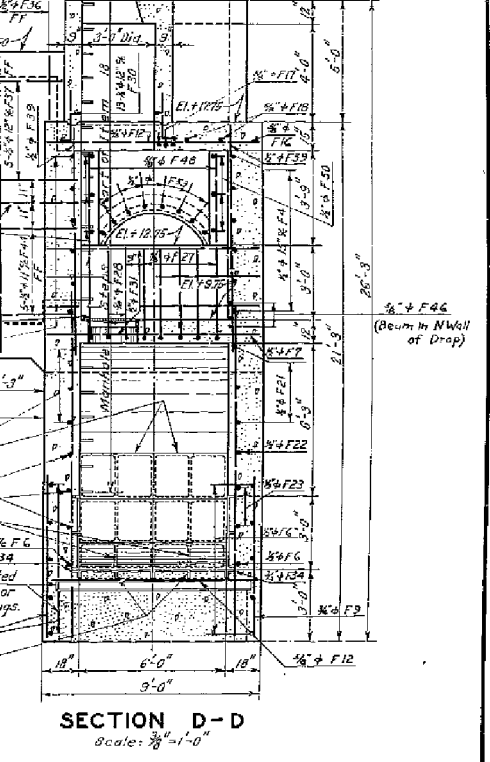
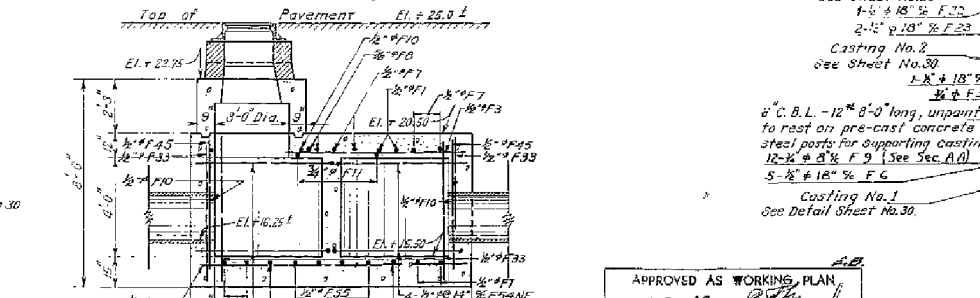
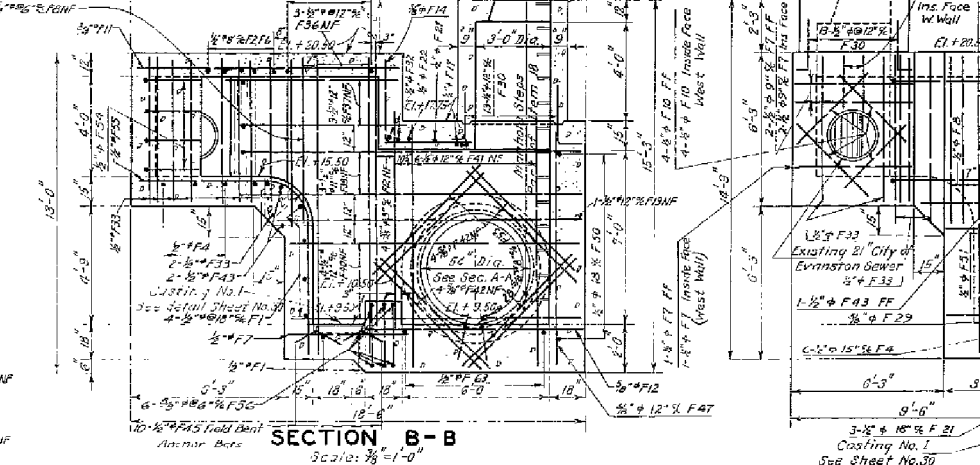
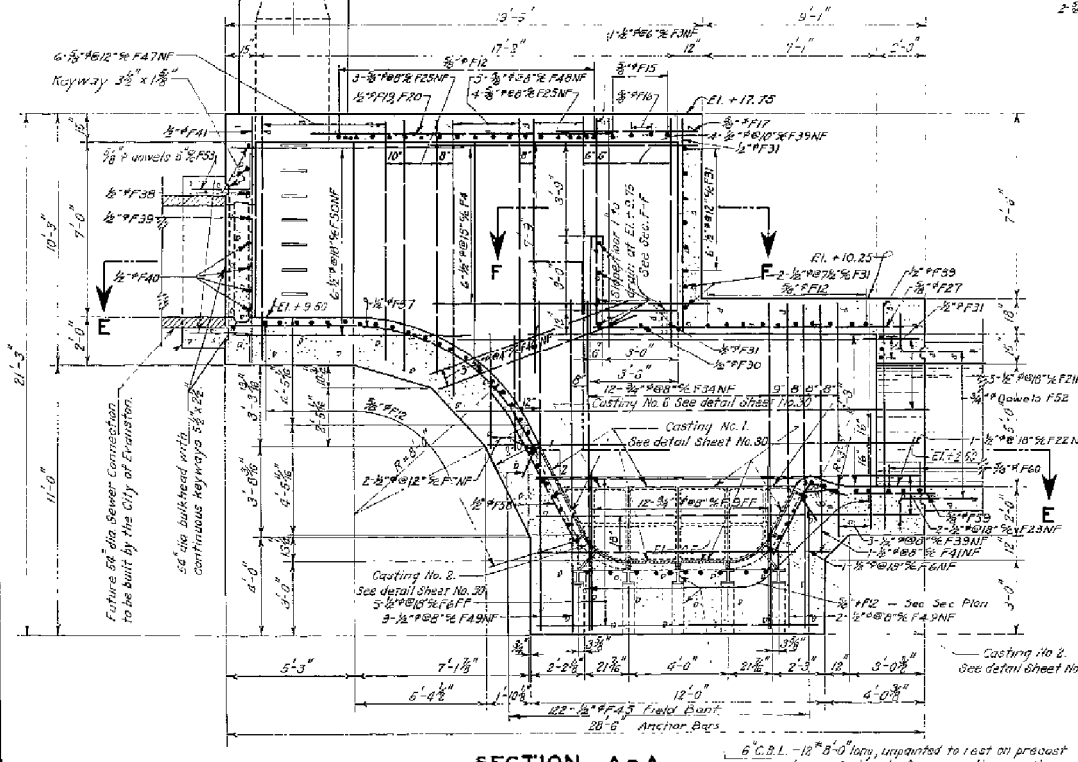
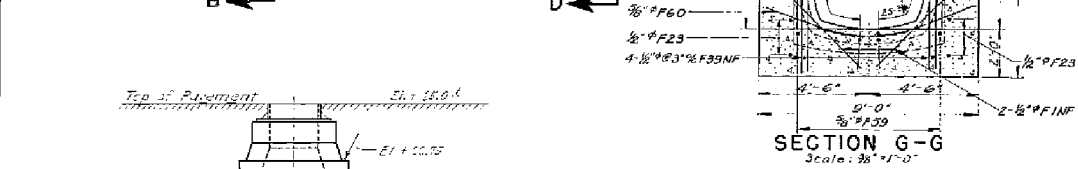
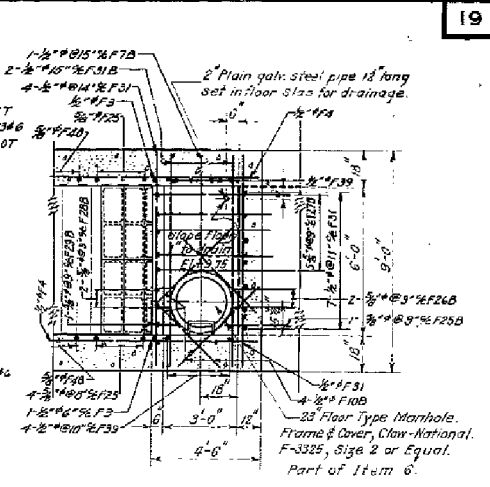
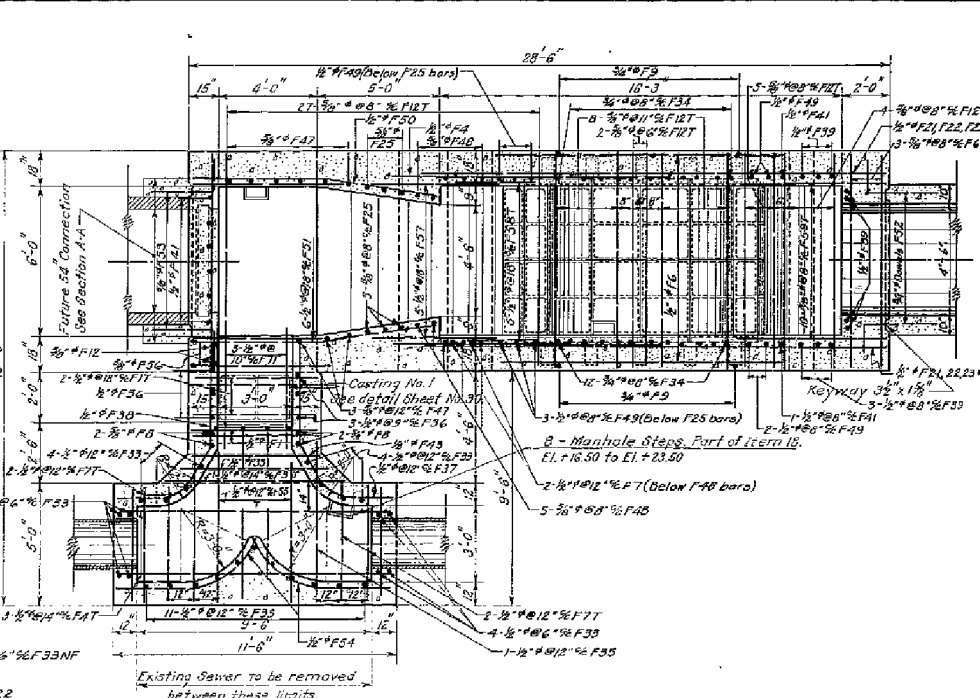
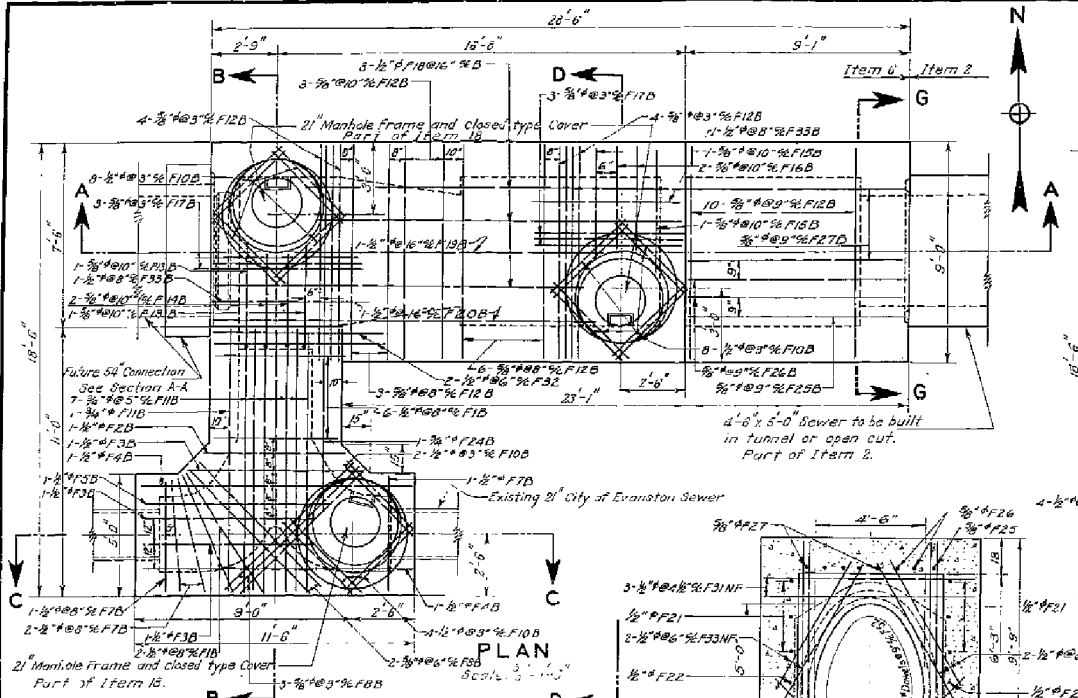
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD REFERENCE DRAWINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	71

CONTRACT NO. 61K60
ILLINOIS FED. AID PROJECT



Notes

Note A on Sheet No. 9 applies to this sheet.

Connection of Central Street to be built under Item 6 as specified.

Scale of Tracing 3/8" = 1'-0"

5 4 3 2 1 0

APPROVED AS WORKING PLAN
DATE 1-23-48 BY *[Signature]*

FOR LOCATION SEE SHEET NO. 4

THE SANITARY DISTRICT OF CHICAGO
NORTH SHORE INTERCEPTING SEWER
CONTRACT NO. 6

CONNECTION AT CENTRAL STREET
1028
1047

SCALES SHOWN ARE
SCALES OF TRACINGS

JULY, 1947
SHEET NO. 19

DRAWN BY *[Signature]*
CHECKED BY *[Signature]*
EXAMINED BY *[Signature]*

Approved *[Signature]*
Assistant Chief Engineer

Approved *[Signature]*
Chief Engineer

MODEL: Default
FILE: Model: p:\work\paw.bentley.com\paw-01\Documents\01 Active Projects\WV-CIVIL\68112005 - Green Bay Road - Phase B2 Design\CAD\Plan_Sheets\68112005-act-murders-cs-04_KHA.dwg

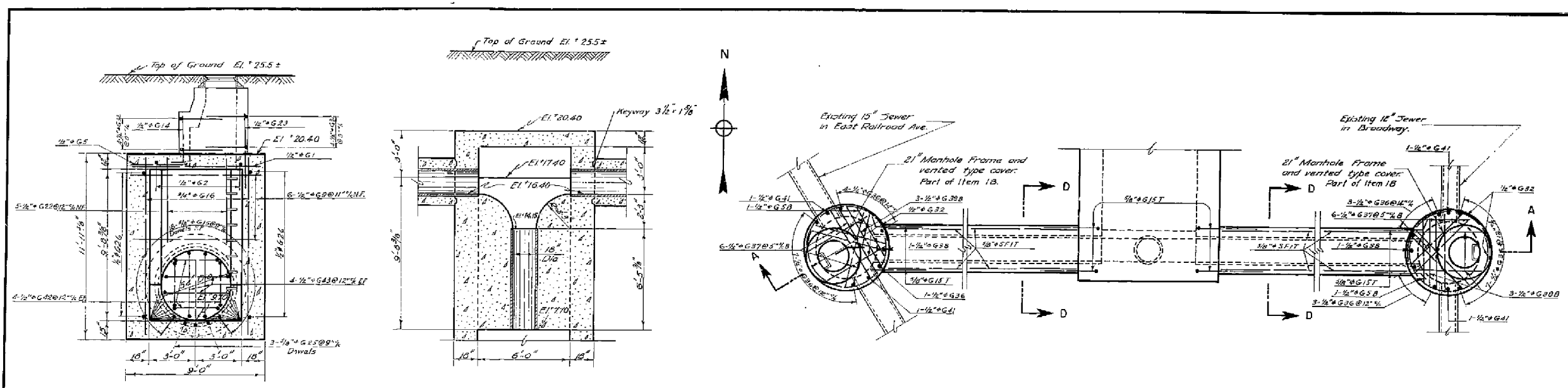


USER NAME = Joel Turk	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

MWRD REFERENCE DRAWINGS	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
-------------------------	--------	-------	----	--------	------	----	------

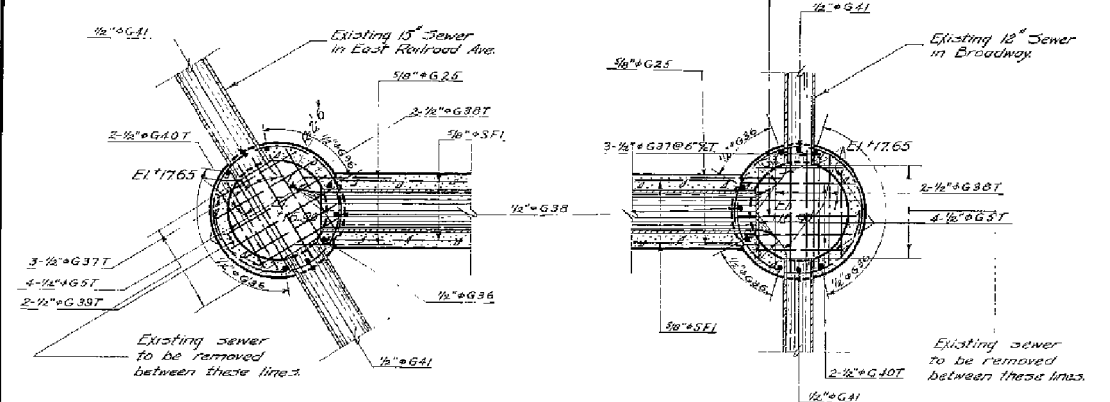
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K60	



SECTION E-E
Scale: 3/8" = 1'-0"

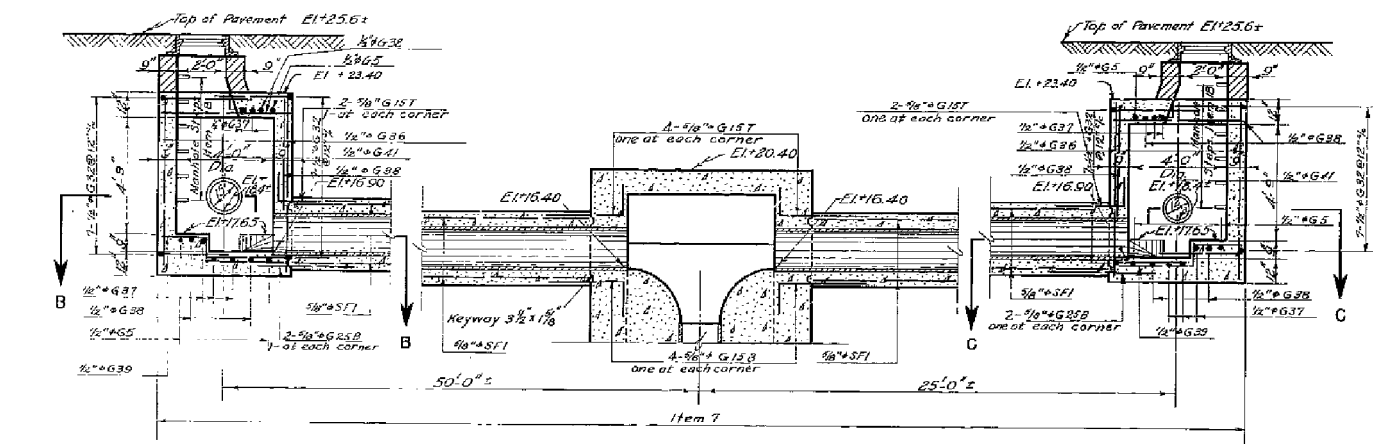
SECTION F-F
Scale: 3/8" = 1'-0"

PLAN OF PIPE CONNECTIONS
Scale: 3/8" = 1'-0"

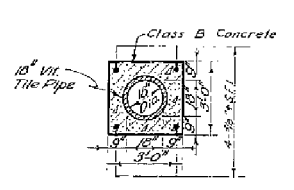


SECTION B-B
Scale: 3/8" = 1'-0"

SECTION C-C
Scale: 3/8" = 1'-0"



SECTION A-A
Scale: 3/8" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"

Notes:
 Note A* on sheet No. 9 applies to this sheet
 Connection at Broadway to be built under
 Item 7 as specified
 Manholes on this sheet are included in Item 7.

FOR LOCATION SEE SHEET NO. 8

APPROVED AS WORKING PLAN
 DATE 1-23-98 BY *[Signature]*

THE SANITARY DISTRICT OF CHICAGO
 NORTH SHORE INTERCEPTING SEWER
 CONTRACT NO. 6

CONNECTION AT BROADWAY

SCALES SHOWN ARE
 SCALES OF TRACINGS
 JULY, 1947
 SHEET NO. 21

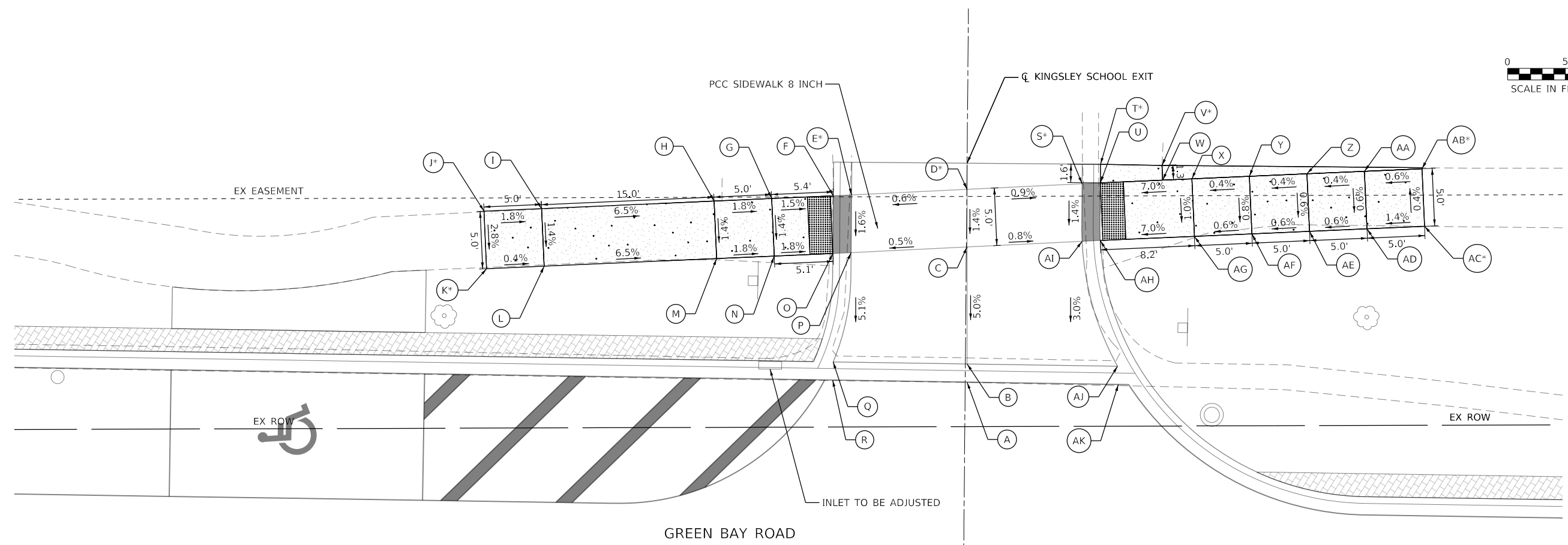
DRAWN BY *[Signature]*
 TRACED BY *[Signature]*
 CHECKED BY *[Signature]*
 EXAMINED BY *[Signature]*

Correct *[Signature]*
 Acting Engr. of Sewer Design
 Approved *[Signature]*
 Assistant Chief Engineer
 Approved *[Signature]*
 Chief Engineer

USER NAME = Joel Turk	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

MWRD REFERENCE DRAWINGS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	73
CONTRACT NO. 61K60				
ILLINOIS		FED. AID PROJECT		



**GREEN BAY RD AND KINGSLEY SCHOOL EXIT SW
CORNER -
SIDEWALK RAMP CONTROL POINTS**

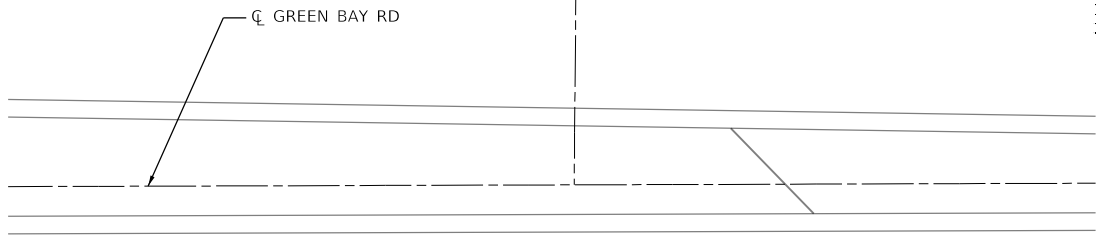
POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1205+71.17	37.53	599.75
B	1205+71.14	39.12	599.81
C	1205+71.17	49.28	600.32
D	1205+71.26	54.29	600.39 *
E	1205+61.16	53.83	600.34 *
F	1205+59.58	53.77	600.33
G	1205+54.22	53.54	600.41
H	1205+49.23	53.34	600.50
I	1205+34.24	52.73	601.48
J	1205+29.24	52.52	601.57 *
K	1205+29.41	47.52	601.43 *
L	1205+34.44	47.73	601.41
M	1205+49.43	48.34	600.43
N	1205+54.43	48.55	600.34
O	1205+59.52	48.75	600.25
P	1205+61.11	48.81	600.26
Q	1205+59.52	39.33	599.77
R	1205+59.47	37.75	599.71

**GREEN BAY RD AND KINGSLEY SCHOOL EXIT NW
CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1205+71.17	37.53	599.78
B	1205+71.14	39.12	599.85
C	1205+71.17	49.28	600.32
D	1205+71.26	54.29	600.39 *
S	1205+81.30	54.75	600.31 *
T	1205+82.78	56.42	601.19 *
U	1205+82.76	54.81	600.30
V	1205+88.12	56.31	601.14 *
W	1205+88.24	55.12	600.69
X	1205+90.71	55.14	600.86
Y	1205+95.71	55.34	600.88
Z	1206+00.70	55.55	600.90
AA	1206+05.70	55.75	600.92
AB	1206+10.77	56.05	600.95 *
AC	1206+10.90	50.95	600.97 *
AD	1206+05.90	50.75	600.89
AE	1206+00.90	50.55	600.86
AF	1205+95.91	50.34	600.83
AG	1205+90.91	50.14	600.80
AH	1205+82.74	49.81	600.23
AI	1205+81.16	49.74	600.24
AJ	1205+84.21	38.87	599.90
AK	1205+84.27	37.29	599.84

LEGEND:

- (S) PROPOSED ELEVATION
- (S*) EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- [Grid Pattern] DETECTABLE WARNING TILE
- [Double Line] CC&G, TYPE B-6.12
- [Shaded Area] DEPRESSED CURB
- [Circle with Dot] TRAFFIC SIGNAL POST
- [Circle with X] PEDESTRIAN PUSH BUTTON
- [Single Line] PROPOSED SIDE CURB



MODEL: Default
 FILE: \\bentley.com\pub\p01\Documents\01 Active Projects\MW-CIS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan Sheets\168112005-sht-00-DA-Green-Bay01_M.dgn

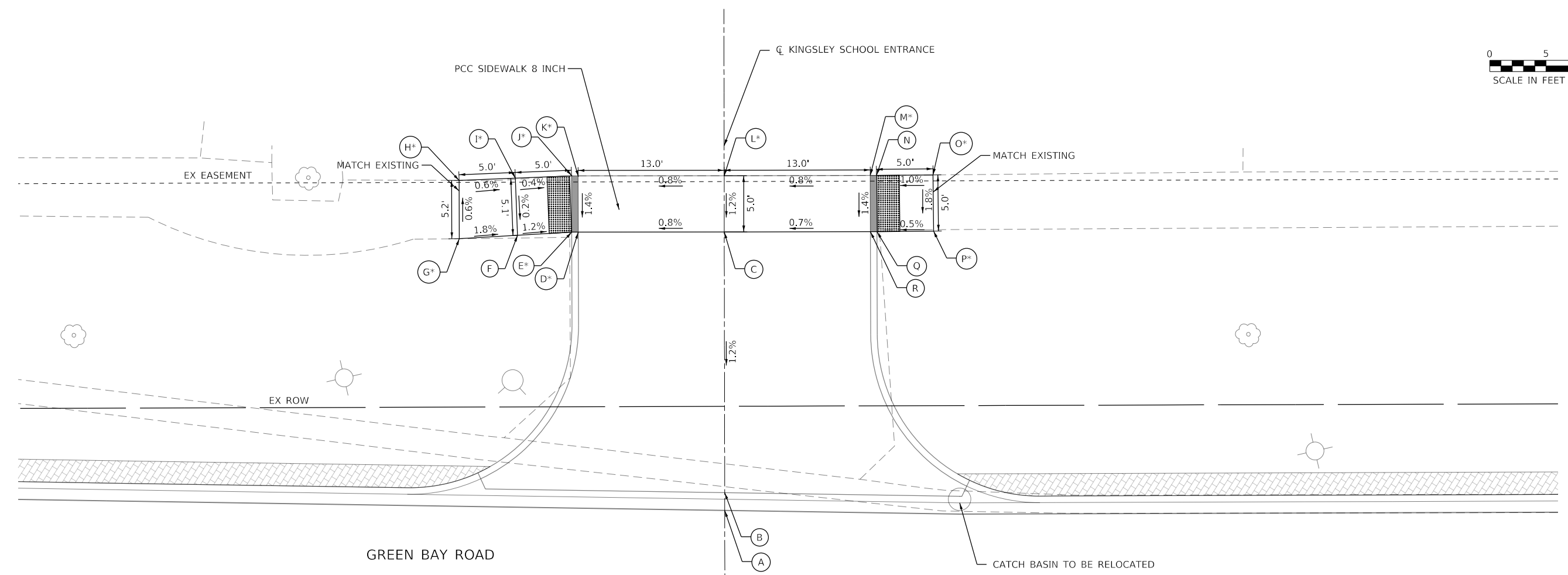
INFRASTRUCTURE ENGINEERING	USER NAME = JoelTurk	DESIGNED - HA	REVISED -
	PLOT SCALE = 10.0000' / in.	DRAWN - HA	REVISED -
	PLOT DATE = 7/10/2024	CHECKED - MK	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RAMP DETAILS
GREEN BAY RD - KINGSLEY SCHOOL - NW & SW CORNERS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	74
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



LEGEND:

- PROPOSED ELEVATION
- EXISTING ELEVATION
- $X.X\%$ SIDEWALK/PAVEMENT GRADE
- $(X.X\%)$ EXISTING GRADE
- DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

**GREEN BAY RD AND KINGSLEY SCHOOL
ENTRANCE NW & SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1206+85.67	24.39	600.58
B	1206+85.67	25.97	600.63
C	1206+85.71	49.17	600.90
D	1206+72.72	49.19	600.79 *
E	1206+72.13	49.19	600.79 *
F	1206+67.32	48.93	600.85
G	1206+62.13	48.64	600.94 *
H	1206+62.13	53.83	600.91 *
I	1206+67.13	54.01	600.88 *
J	1206+72.13	54.20	600.86 *
K	1206+72.72	54.20	600.86 *
L	1206+85.72	54.18	600.96 *
M	1206+98.72	54.16	601.06 *
N	1206+99.30	54.23	601.06
O	1207+04.30	54.19	601.11 *
P	1207+04.33	49.19	601.02 *
Q	1206+99.30	49.15	600.99
R	1206+98.72	49.16	600.99

MODEL: Default
 FILE: \\nas01.pw.bentley.com\hpb\p-01\Documents\01_Active Projects\WK\CHS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-sh-0A-Green-Bay02_Ma.dgn

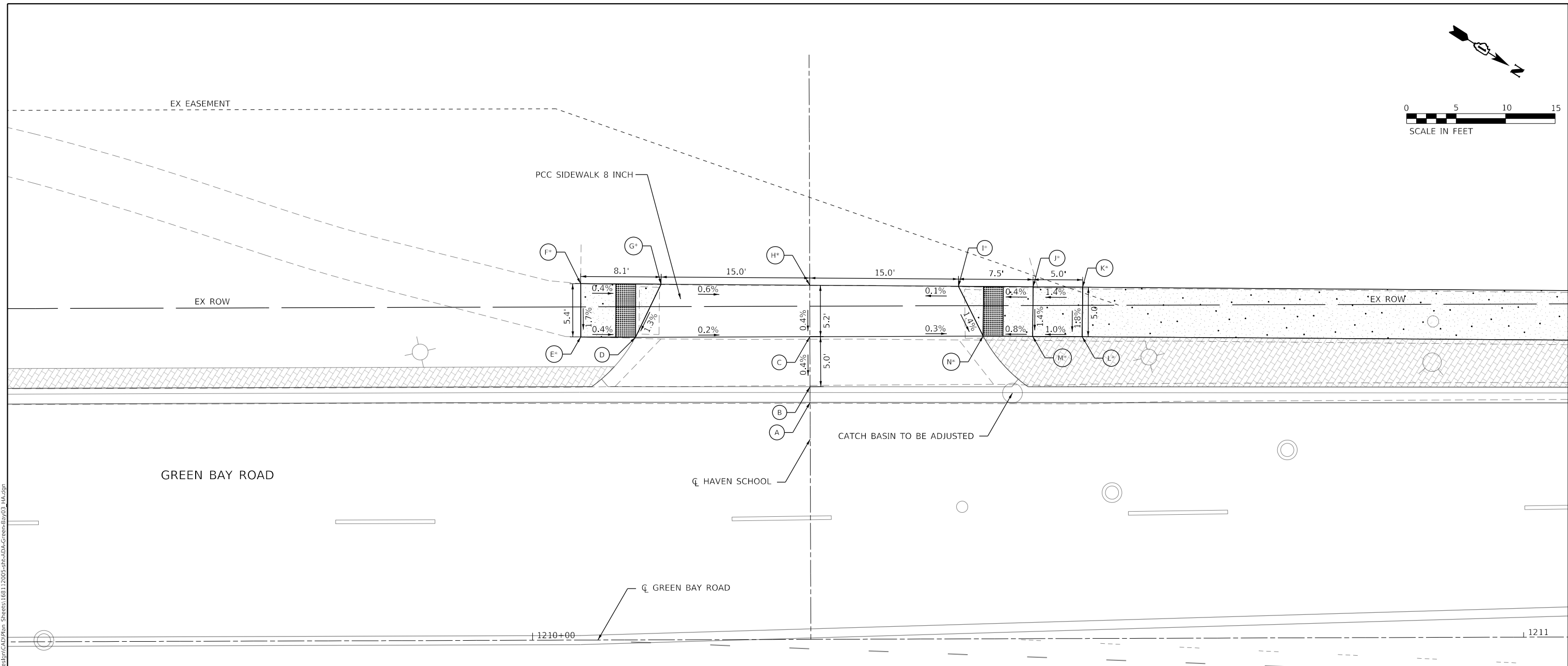
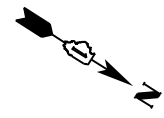
	USER NAME = Mkelly	DESIGNED - HA	REVISED -
	PLOT SCALE = 10.0000 ' / in.	DRAWN - HA	REVISED -
	PLOT DATE = 6/10/2024	CHECKED - MK	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RAMP DETAILS
GREEN BAY RD - KINGSLEY SCHOOL ENTRANCE - NW & SW CORNERS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	75
CONTRACT NO. 61K60			ILLINOIS FED. AID PROJECT	

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



LEGEND:

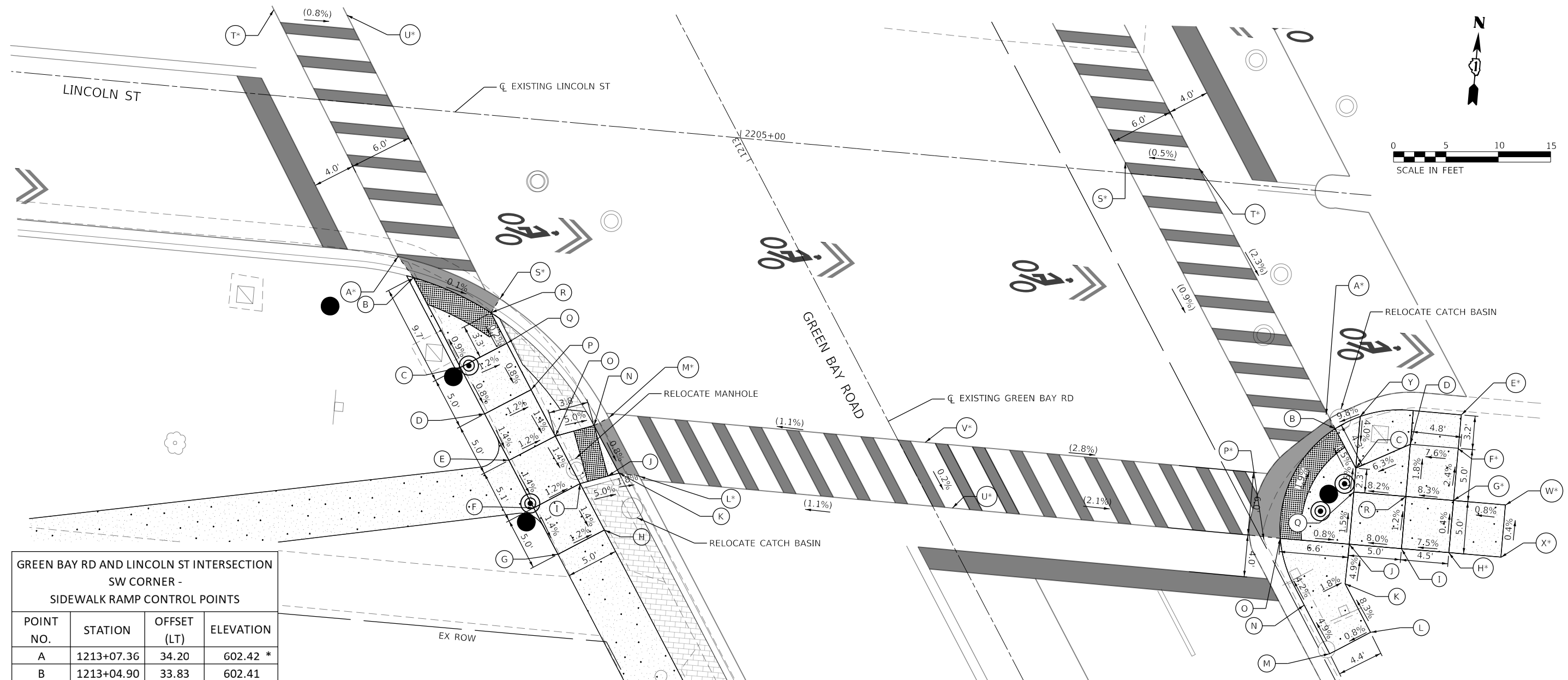
- S PROPOSED ELEVATION
- S' EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- DETECTABLE WARNING TILE
- ==== CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- ⊙ PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

GREEN BAY RD AND HAVEN SCHOOL NW & SW CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1210+27.96	23.91	601.79
B	1210+27.99	25.50	601.80
C	1210+28.01	30.55	601.82
D	1210+10.46	30.54	601.85
E	1210+04.95	30.59	601.87 *
F	1210+04.95	35.96	601.96 *
G	1210+13.07	35.88	601.93 *
H	1210+28.06	35.73	601.84 *
I	1210+43.07	35.58	601.85 *
J	1210+50.60	35.50	601.88 *
K	1210+55.60	35.45	601.95 *
L	1210+55.55	30.45	601.86 *
M	1210+50.55	30.50	601.81 *
N	1210+45.55	30.55	601.77 *

MODEL: Default
 FILE: \\nas01\pub\pwbentley.com\shp\p-01\Documents\01_Active Projects\MK\CHS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-shp-01\DA-Green-Bay\03_Ma.dgn

	USER NAME = Mkelly	DESIGNED - HA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION RAMP DETAILS GREEN BAY RD AND HAVEN SCHOOL - NW & SW CORNERS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in.	CHECKED - MK	REVISIED -			2744	19-00285-00-R5	COOK	191	76
	PLOT DATE = 6/10/2024	DATE -	REVISED -	SCALE: 1" = 5'	SHEET OF SHEETS	STA. TO STA.		ILLINOIS FED. AID PROJECT		



**GREEN BAY RD AND LINCOLN ST INTERSECTION
SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1213+07.36	34.20	602.42 *
B	1213+04.90	33.83	602.41
C	1212+95.21	33.83	602.50
D	1212+90.21	33.83	602.46
E	1212+85.21	33.83	602.39
F	1212+80.09	33.83	602.32
G	1212+75.09	33.83	602.25
H	1212+75.09	28.83	602.19
I	1212+80.09	28.83	602.26
J	1212+79.50	26.16	602.12
K	1212+79.27	25.08	602.10
L	1212+78.10	23.50	602.11 *
M	1212+84.39	23.50	602.15 *
N	1212+84.39	25.08	602.14
O	1212+85.21	28.83	602.33
P	1212+90.21	28.83	602.40
Q	1212+95.21	28.83	602.44
R	1212+98.49	28.83	602.40
S	1212+99.28	27.46	602.41 *
T	1213+33.67	33.80	602.48 *
U	1213+29.85	27.86	602.43 *

LEGEND:

- (S) PROPOSED ELEVATION
- (S*) EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- [Hatched Box] DETECTABLE WARNING TILE
- [Dashed Line] CC&G, TYPE B-6.12
- [Solid Line] DEPRESSED CURB
- [Black Circle] TRAFFIC SIGNAL POST
- [Circle with Center] PEDESTRIAN PUSH BUTTON
- [Dashed Line] PROPOSED SIDE CURB

**GREEN BAY RD AND LINCOLN ST
INTERSECTION SE CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (RT)	ELEVATION
A	1212+52.93	37.36	601.21 *
B	1212+51.36	37.50	601.20
C	1212+47.10	37.50	601.26
D	1212+46.71	43.18	601.62
E	1212+46.94	48.79	601.88 *
F	1212+44.28	47.00	601.97 *
G	1212+40.06	44.32	602.09 *
H	1212+35.84	41.64	602.11 *
I	1212+38.27	37.81	601.77
J	1212+40.96	33.58	601.37
K	1212+37.80	31.48	601.56
L	1212+32.55	31.49	602.00

**GREEN BAY RD AND LINCOLN ST
INTERSECTION SE CORNER -
SIDEWALK RAMP CONTROL POINTS CONT.**

POINT NO.	STATION	OFFSET (RT)	ELEVATION
M	1212+32.55	27.08	601.97
N	1212+37.80	27.08	601.64
O	1212+44.50	28.01	601.42
P	1212+45.13	26.56	601.43 *
Q	1212+45.18	36.27	601.30
R	1212+42.49	40.49	601.70
S	1212+83.15	31.50	601.79 *
T	1212+79.43	37.50	601.82 *
U	1212+61.57	1.59	602.45 *
V	1212+68.32	2.20	602.46 *
W	1212+37.38	48.54	602.13 *
X	1212+33.16	45.86	602.11 *
Y	1212+51.28	40.16	601.46

MODEL: Default FILE: \\hpc\hpc\pwworking\johnturk\pwworking\01\Documents\01\Active Projects\WB\CHS-168112005 - Green Bay Road - Phase II - Design\CADD\Plan_Sheets\168112005-sht-DA-Lincoln02_KIA.dgn



USER NAME = joelTurk
 DESIGNED - KKH
 DRAWN - KKH
 CHECKED - SRS
 DATE - 7/10/2024

REVISIONS:
 REVISED -
 REVISED -
 REVISED -
 REVISED -

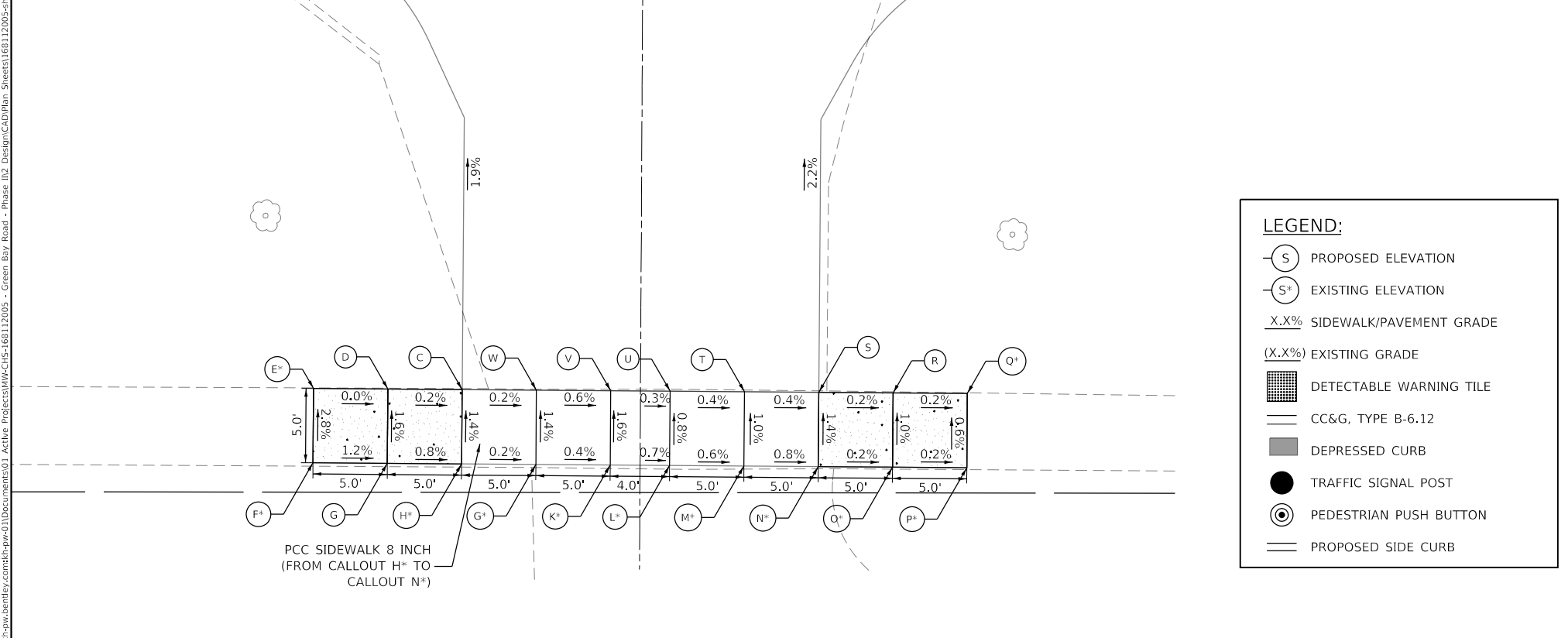
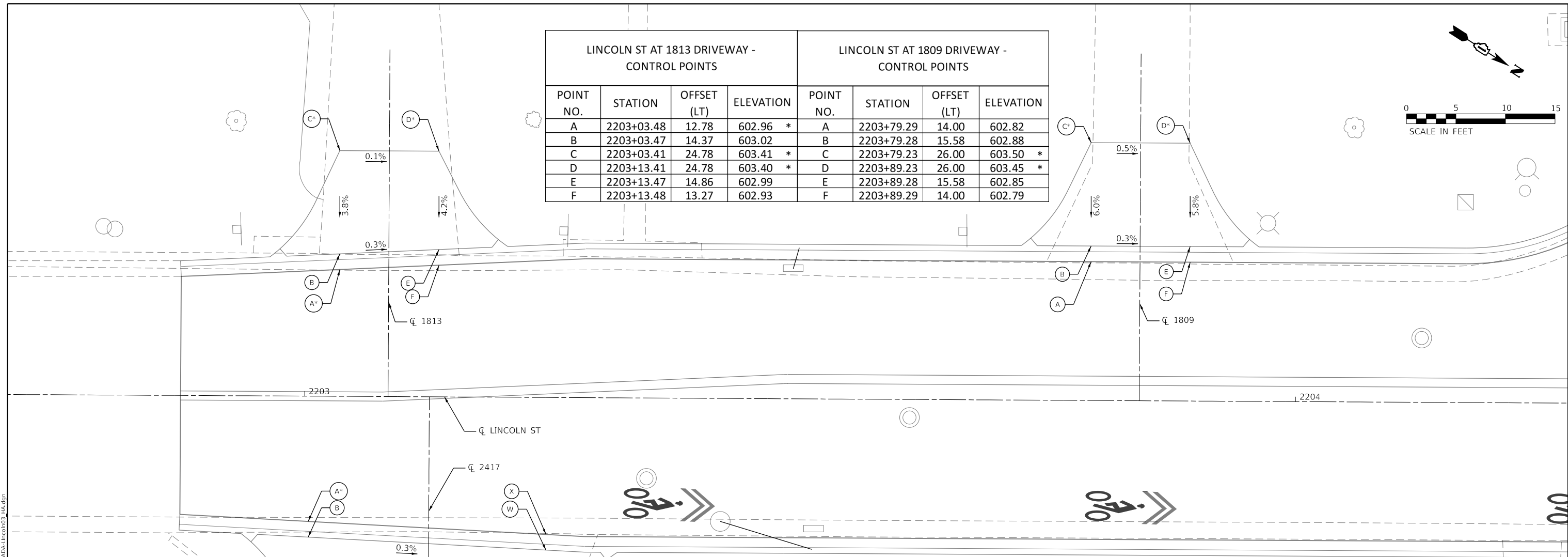
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RAMP DETAILS
GREEN BAY RD & LINCOLN ST - SE & SW CORNER**
 SCALE: 1" = 5'
 SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	78

CONTRACT NO. 61K60
ILLINOIS FED. AID PROJECT

LINCOLN ST AT 1813 DRIVEWAY - CONTROL POINTS				LINCOLN ST AT 1809 DRIVEWAY - CONTROL POINTS			
POINT NO.	STATION	OFFSET (LT)	ELEVATION	POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2203+03.48	12.78	602.96 *	A	2203+79.29	14.00	602.82
B	2203+03.47	14.37	603.02	B	2203+79.28	15.58	602.88
C	2203+03.41	24.78	603.41 *	C	2203+79.23	26.00	603.50 *
D	2203+13.41	24.78	603.40 *	D	2203+89.23	26.00	603.45 *
E	2203+13.47	14.86	602.99	E	2203+89.28	15.58	602.85
F	2203+13.48	13.27	602.93	F	2203+89.29	14.00	602.79



LINCOLN ST AT 2417 GREEN BAY DRIVEWAY - CONTROL POINTS

POINT NO.	STATION	OFFSET (RT)	ELEVATION
A	2203+00.42	12.63	602.85 *
B	2203+00.42	13.64	602.91
C	2203+00.58	42.96	603.45
D	2202+95.58	42.95	603.46
E	2202+90.59	42.94	603.40 *
F	2202+90.57	47.93	603.54 *
G	2202+95.57	47.95	603.48
H	2203+00.57	47.96	603.52 *
I	2203+05.57	47.97	603.51 *
J	2203+10.57	47.98	603.49 *
K	2203+14.57	47.98	603.46 *
L	2203+19.57	48.00	603.49 *
M	2203+24.57	48.01	603.53 *
N	2203+29.57	48.02	603.52 *
O	2203+34.57	48.03	603.51 *
P	2203+34.58	43.03	603.48 *
Q	2203+29.58	43.02	603.47
R	2203+24.58	43.01	603.46
S	2203+19.58	43.00	603.44
T	2203+14.58	42.99	603.42
U	2203+10.58	42.98	603.40
V	2203+05.58	42.97	603.44
W	2203+24.43	15.40	602.84
X	2203+24.42	13.81	602.78

LEGEND:

- (S) PROPOSED ELEVATION
- (S*) EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- [Grid Pattern] DETECTABLE WARNING TILE
- [Double Line] CC&G, TYPE B-6.12
- [Shaded Area] DEPRESSED CURB
- [Circle with Dot] TRAFFIC SIGNAL POST
- [Circle with Square] PEDESTRIAN PUSH BUTTON
- [Single Line] PROPOSED SIDE CURB

MODEL: Default
 FILE: h:\mfc\proj\hok\new_bentley\constr\hok\p11\Documents\01_Active\Project\MW-CHS-168112005 - Green Bay Road - Phase III_Design\CAD\Plan_Sheets\168112005-ent-ADA-Lincoln03_HA.dgn
 6/10/2024

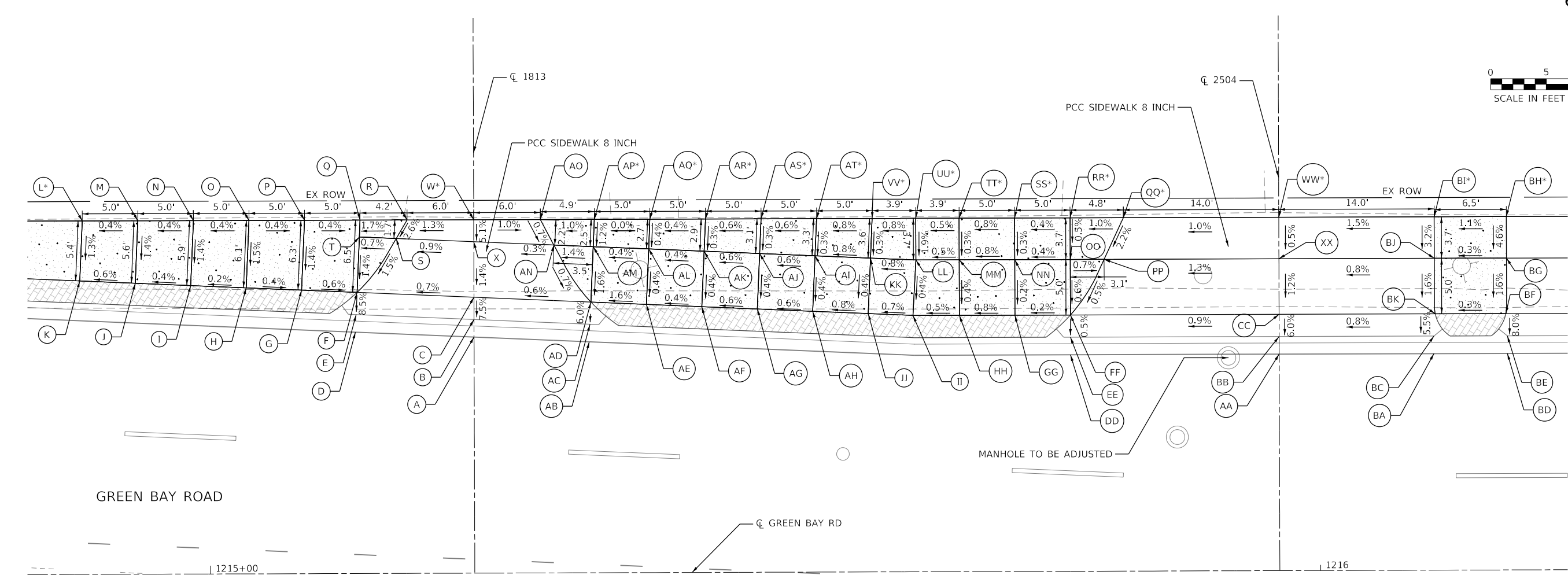


USER NAME = Mkelly	DESIGNED - HA	REVISED -
PLOT SCALE = 10.0013' / in.	DRAWN - HA	REVISED -
PLOT DATE = 6/10/2024	CHECKED - MK	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION RAMP DETAILS	
GREEN BAY RD & 2748 - NW & SW CORNER	
SCALE: 1" = 5'	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	79
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



GREEN BAY ROAD

GREEN BAY RD

GREEN BAY RD AT 1813 LINCOLN SW CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1215+23.80	21.26	603.84
B	1215+23.80	22.85	603.91
C	1215+23.80	24.85	604.06
D	1215+13.10	21.74	603.75
E	1215+13.19	23.32	603.82
F	1215+13.28	25.32	603.99
G	1215+08.28	25.54	604.02
H	1215+03.29	25.76	604.04
I	1214+98.29	25.98	604.03
J	1214+93.30	26.20	604.01
K	1214+88.31	26.55	604.00
L	1214+88.54	31.83	604.07 *
M	1214+93.55	31.83	604.09
N	1214+98.55	31.83	604.11
O	1215+03.56	31.83	604.13
P	1215+08.56	31.83	604.11
Q	1215+13.56	31.83	604.09
R	1215+17.80	31.83	604.16
S	1215+16.82	30.16	604.08
T	1215+13.50	30.31	604.06
W	1215+23.80	31.83	604.24 *
X	1215+23.78	29.85	604.14

GREEN BAY RD AT 1813 LINCOLN NW CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1215+23.72	21.26	603.84
B	1215+23.73	22.85	603.91
C	1215+23.75	24.85	604.06
W	1215+23.80	31.83	604.24 *
X	1215+23.78	29.85	604.14
AB	1215+34.18	20.80	603.93
AC	1215+34.25	22.38	604.00
AD	1215+34.34	24.38	604.12
AE	1215+39.33	24.16	604.20
AF	1215+44.33	23.94	604.22
AG	1215+49.32	23.71	604.26
AH	1215+54.32	23.49	604.28
AI	1215+54.54	28.49	604.30
AJ	1215+49.54	28.71	604.27
AK	1215+44.55	28.93	604.24
AL	1215+39.55	29.15	604.22
AM	1215+34.56	29.37	604.20
AN	1215+31.01	29.53	604.16
AO	1215+29.80	31.83	604.18
AP	1215+34.67	31.83	604.23 *
AQ	1215+39.67	31.83	604.23 *
AR	1215+44.68	31.83	604.25 *
AS	1215+49.68	31.83	604.28 *
AT	1215+54.69	31.83	604.31 *

GREEN BAY RD AT 2504 (1) SW CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
AA	1215+96.28	19.50	604.45
BB	1215+96.28	21.08	604.39
CC	1215+96.29	23.08	604.57
DD	1215+77.52	19.50	604.40
EE	1215+77.52	21.08	604.41
FF	1215+77.52	23.08	604.42
GG	1215+72.52	23.08	604.41
HH	1215+67.52	23.13	604.37
II	1215+63.34	23.09	604.35
JJ	1215+59.31	23.27	604.32
KK	1215+59.53	28.27	604.34
LL	1215+63.61	28.08	604.37
MM	1215+67.52	28.08	604.39
NN	1215+72.52	28.08	604.43
OO	1215+77.52	28.08	604.44
PP	1215+80.57	28.08	604.42
QQ	1215+82.36	31.92	604.51 *
RR	1215+77.52	31.83	604.46 *
SS	1215+72.52	31.83	604.44 *
TT	1215+67.52	31.83	604.40 *
UU	1215+63.61	31.83	604.38 *
VV	1215+59.69	31.83	604.35 *
WW	1215+96.32	31.83	604.65 *
XX	1215+96.30	28.08	604.63

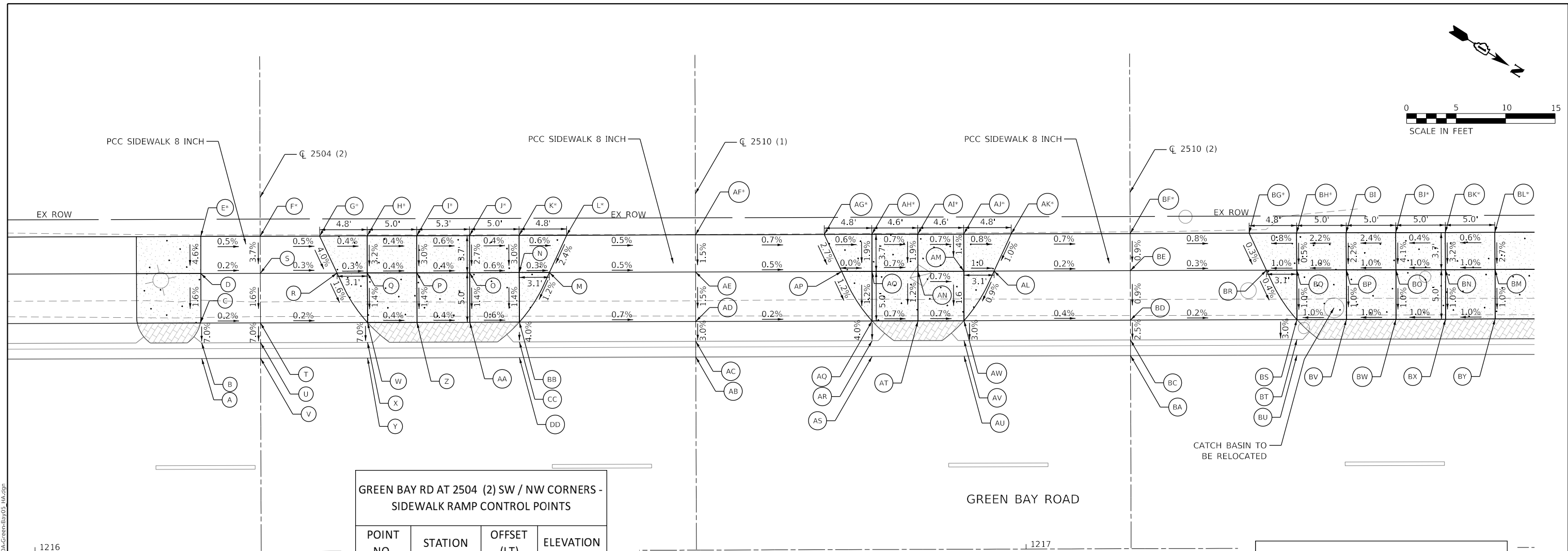
GREEN BAY RD AT 2504 (1) NW CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
AA	1215+96.28	19.50	604.51
BB	1215+96.28	21.08	604.50
CC	1215+96.29	23.08	604.57
BA	1216+10.26	19.50	604.54
BC	1216+10.26	21.08	604.55
BD	1216+16.88	19.50	604.53
BE	1216+16.88	21.08	604.54
BF	1216+16.88	23.08	604.68
BG	1216+16.82	28.08	604.76
BH	1216+16.82	31.83	604.93 *
BI	1216+10.32	31.83	604.86 *
BJ	1216+10.32	28.08	604.74
BK	1216+10.39	23.08	604.66
WW	1215+96.32	31.83	604.65 *
XX	1215+96.30	28.08	604.63

LEGEND:

- PROPOSED ELEVATION
- EXISTING ELEVATION
- SIDEWALK/PAVEMENT GRADE
- EXISTING GRADE
- DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

MODEL: Default
 FILE: \\bentley.com\pub\p01\Documents\01_Active\Projects\MK\GIS-168112005 - Green Bay Road - Phase B2_Design\CAD\Plan_Sheets\168112005-sht-00A-Green-Bay04_HA.dgn



**GREEN BAY RD AT 2504 (2) SW / NW CORNERS -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1216+16.88	19.50	604.53
B	1216+16.88	21.08	604.54
C	1216+16.75	23.08	604.68
D	1216+16.82	28.08	604.76
E	1216+16.82	31.83	604.93 *
F	1216+22.82	31.83	604.90 *
G	1216+28.82	31.83	604.87 *
H	1216+33.61	31.83	604.85 *
I	1216+38.61	31.83	604.83 *
J	1216+43.94	31.83	604.80 *
K	1216+48.94	31.83	604.78 *
L	1216+53.74	31.83	604.75 *
M	1216+51.99	28.08	604.66
N	1216+48.94	28.08	604.67
O	1216+43.94	28.08	604.70
P	1216+38.61	28.08	604.72
Q	1216+33.61	28.08	604.73
R	1216+30.56	28.08	604.75
T	1216+22.82	23.08	604.68
U	1216+22.82	21.08	604.54
V	1216+22.82	19.50	604.53
W	1216+33.61	23.08	604.66
X	1216+33.61	21.02	604.52
Y	1216+33.61	19.50	604.51
Z	1216+38.61	23.08	604.65
AA	1216+43.94	23.12	604.63
BB	1216+48.94	23.08	604.60
CC	1216+48.94	21.08	604.52
DD	1216+48.94	19.50	604.46

**GREEN BAY RD AT 2510 (1) SW/NW &
2510 (2) SW CORNERS -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
AB	1216+66.74	19.50	604.43
AC	1216+66.74	21.08	604.50
AD	1216+66.74	23.08	604.52
AE	1216+66.74	28.08	604.61
AF	1216+66.74	31.83	604.69 *
AG	1216+79.74	31.83	604.60 *
AH	1216+84.53	31.83	604.57 *
AI	1216+89.17	31.83	604.54 *
AJ	1216+93.81	31.83	604.51 *
AK	1216+98.60	31.83	604.47 *
AL	1216+96.86	28.08	604.43
AM	1216+93.80	28.08	604.46
AN	1216+89.17	28.08	604.47
AO	1216+84.53	28.08	604.50
AP	1216+84.53	28.08	604.50
AQ	1216+84.53	23.06	604.44
AR	1216+84.53	21.08	604.36
AS	1216+84.53	19.50	604.30
AT	1216+89.16	23.08	604.41
AU	1216+93.80	19.50	604.26
AV	1216+93.80	21.08	604.32
AW	1216+93.80	23.06	604.38

**GREEN BAY RD AT 2510 (2) NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
BA	1217+10.60	19.50	604.20
BC	1217+10.60	21.08	604.26
BD	1217+10.60	23.08	604.31
BE	1217+10.60	28.08	604.36
BF	1217+10.60	31.83	604.39 *
BG	1217+22.60	31.84	604.30 *
BH	1217+27.40	31.83	604.34 *
BI	1217+32.40	31.83	604.45
BJ	1217+37.40	31.83	604.57 *
BK	1217+42.40	31.83	604.59 *
BL	1217+47.40	31.83	604.62 *
BM	1217+47.40	28.08	604.52
BN	1217+42.40	28.06	604.47
BO	1217+37.40	28.08	604.42
BP	1217+32.40	28.08	604.37
BQ	1217+27.40	28.08	604.32
BR	1217+24.35	28.08	604.29
BS	1217+27.40	23.08	604.27
BT	1217+27.40	21.08	604.21
BU	1217+27.39	19.50	604.15
BV	1217+32.40	23.08	604.32
BW	1217+37.40	23.08	604.37
BX	1217+42.40	23.08	604.42
BY	1217+47.40	23.08	604.47

LEGEND:

- PROPOSED ELEVATION
- EXISTING ELEVATION
- SIDEWALK/PAVEMENT GRADE
- EXISTING GRADE
- DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

MODEL: Default
 FILE: \\hpc-pw-bentley.com\hpc-pw-01\Documents\01_Active\Projects\MK-CUS-168112005 - Green Bay Road - Phase B2_Design\CAD\Plan_Sheets\168112005-sht-04A-Green-Bay05_ILA.dgn
 1216



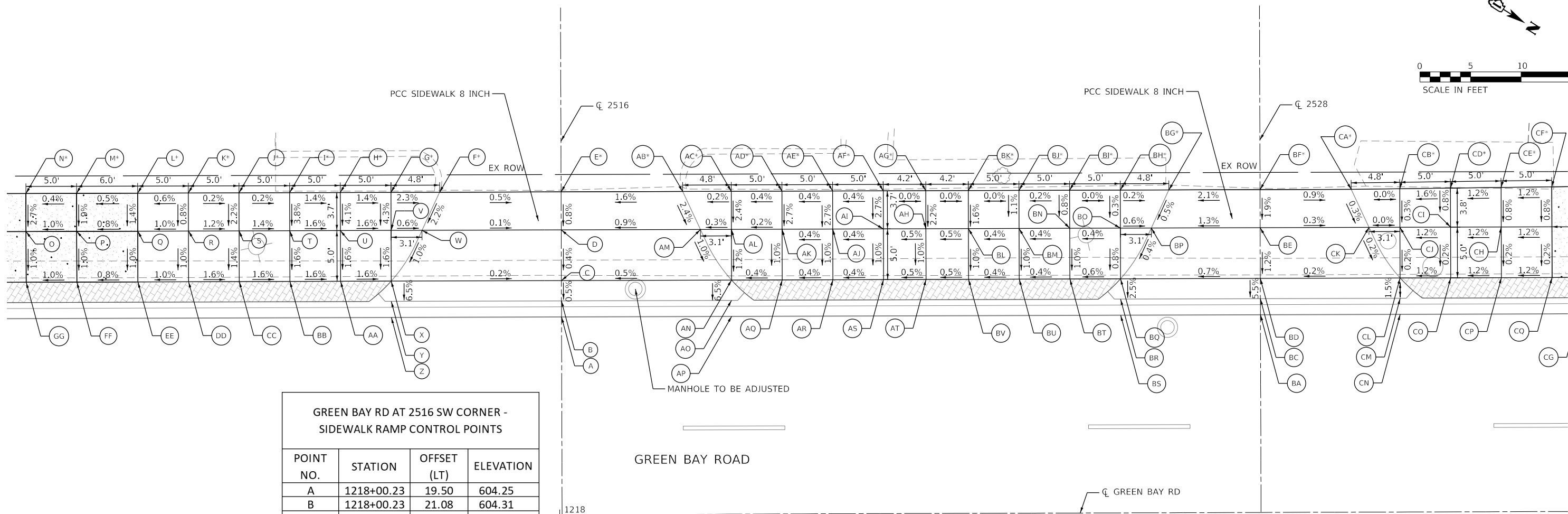
USER NAME = Mkelly
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 6/10/2024

DESIGNED - HA
 DRAWN - HA
 CHECKED - MK
 DATE -
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION RAMP DETAILS
GREEN BAY RD AT 2504 (2) & 2510 (1,2) - NW & SW CORNERS
 SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	81
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K60	



**GREEN BAY RD AT 2516 SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1218+00.23	19.50	604.25
B	1218+00.23	21.08	604.31
C	1218+00.23	23.08	604.32
D	1218+00.23	28.08	604.34
E	1218+00.23	31.83	604.37 *
F	1217+88.24	31.83	604.43 *
G	1217+83.43	31.83	604.54 *
H	1217+78.43	31.83	604.61 *
I	1217+73.43	31.83	604.68 *
J	1217+68.43	31.83	604.69 *
K	1217+63.43	31.83	604.70 *
L	1217+58.43	31.82	604.67 *
M	1217+52.40	31.83	604.64 *
N	1217+52.40	28.08	604.62 *
O	1217+47.40	28.08	604.52
P	1217+52.40	28.08	604.57
Q	1217+58.43	28.08	604.62
R	1217+63.43	28.08	604.67
S	1217+68.43	28.08	604.61
T	1217+73.43	28.08	604.54
U	1217+78.43	28.08	604.46
V	1217+83.43	28.08	604.38
W	1217+86.49	28.08	604.35
X	1217+83.43	23.08	604.30
Y	1217+83.43	21.08	604.22
Z	1217+83.43	19.50	604.16
AA	1217+78.43	23.11	604.38
BB	1217+73.36	23.08	604.46
CC	1217+68.43	23.08	604.54
DD	1217+63.43	23.08	604.62
EE	1217+58.43	23.08	604.57
FF	1217+52.40	23.08	604.52
GG	1217+47.40	23.08	604.47

**GREEN BAY RD AT 2516 NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1218+00.23	19.50	604.25
B	1218+00.23	21.08	604.31
C	1218+00.23	23.08	604.32
D	1218+00.23	28.08	604.34
E	1218+00.23	31.83	604.37 *
AB	1218+12.23	31.83	604.56 *
AC	1218+17.03	31.83	604.57 *
AD	1218+22.03	31.83	604.59 *
AE	1218+27.03	31.83	604.61 *
AF	1218+32.03	31.83	604.63 *
AG	1218+36.23	31.83	604.63 *
AH	1218+36.23	28.08	604.55
AI	1218+32.03	28.08	604.53
AJ	1218+27.03	28.08	604.51
AK	1218+22.03	28.08	604.49
AL	1218+17.03	28.08	604.48
AM	1218+13.97	28.08	604.47
AN	1218+17.08	23.03	604.42
AO	1218+17.03	21.08	604.34
AP	1218+17.03	19.50	604.28
AQ	1218+22.03	23.08	604.44
AR	1218+27.03	23.10	604.46
AS	1218+32.03	23.08	604.48
AT	1218+36.23	23.08	604.50

**GREEN BAY RD AT 2528 SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
BA	1218+69.23	19.50	604.52
BC	1218+69.23	21.08	604.58
BD	1218+69.23	23.08	604.69
BE	1218+69.23	28.08	604.75
BF	1218+69.23	31.83	604.82 *
BG	1218+60.23	31.83	604.63 *
BH	1218+55.43	31.83	604.64 *
BI	1218+50.43	31.83	604.64 *
BJ	1218+45.43	31.83	604.63 *
BK	1218+40.43	31.83	604.63 *
BL	1218+40.43	28.08	604.57
BM	1218+45.43	28.08	604.59
BN	1218+50.43	28.08	604.61
BO	1218+55.43	28.08	604.63
BP	1218+58.48	28.08	604.61
BQ	1218+55.43	23.08	604.59
BR	1218+55.43	21.08	604.54
BS	1218+55.43	19.50	604.48
BT	1218+50.43	23.08	604.56
BU	1218+45.43	23.08	604.54
BV	1218+40.43	23.08	604.52

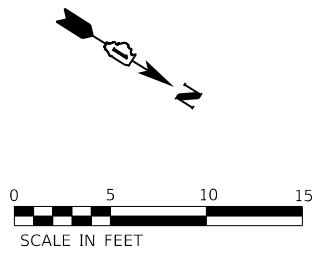
**GREEN BAY RD AT 2528 NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
BA	1218+69.23	19.50	604.55
BC	1218+69.23	21.08	604.54
BD	1218+69.23	23.08	604.69
BE	1218+69.23	28.08	604.75
BF	1218+69.23	31.83	604.82 *
CA	1218+78.23	31.83	604.74 *
CB	1218+83.02	31.88	604.74 *
CD	1218+88.02	31.93	604.82 *
CE	1218+93.02	31.97	604.88 *
CF	1218+98.02	32.02	604.94 *
CG	1218+98.02	28.08	604.91
CH	1218+93.02	28.08	604.85
CI	1218+88.02	28.08	604.79
CJ	1218+83.02	28.08	604.73
CK	1218+79.96	28.08	604.73
CL	1218+83.02	23.08	604.72
CM	1218+83.02	21.08	604.69
CN	1218+83.02	19.50	604.63
CO	1218+88.02	23.08	604.78
CP	1218+93.02	23.08	604.84
CQ	1218+98.02	23.08	604.90

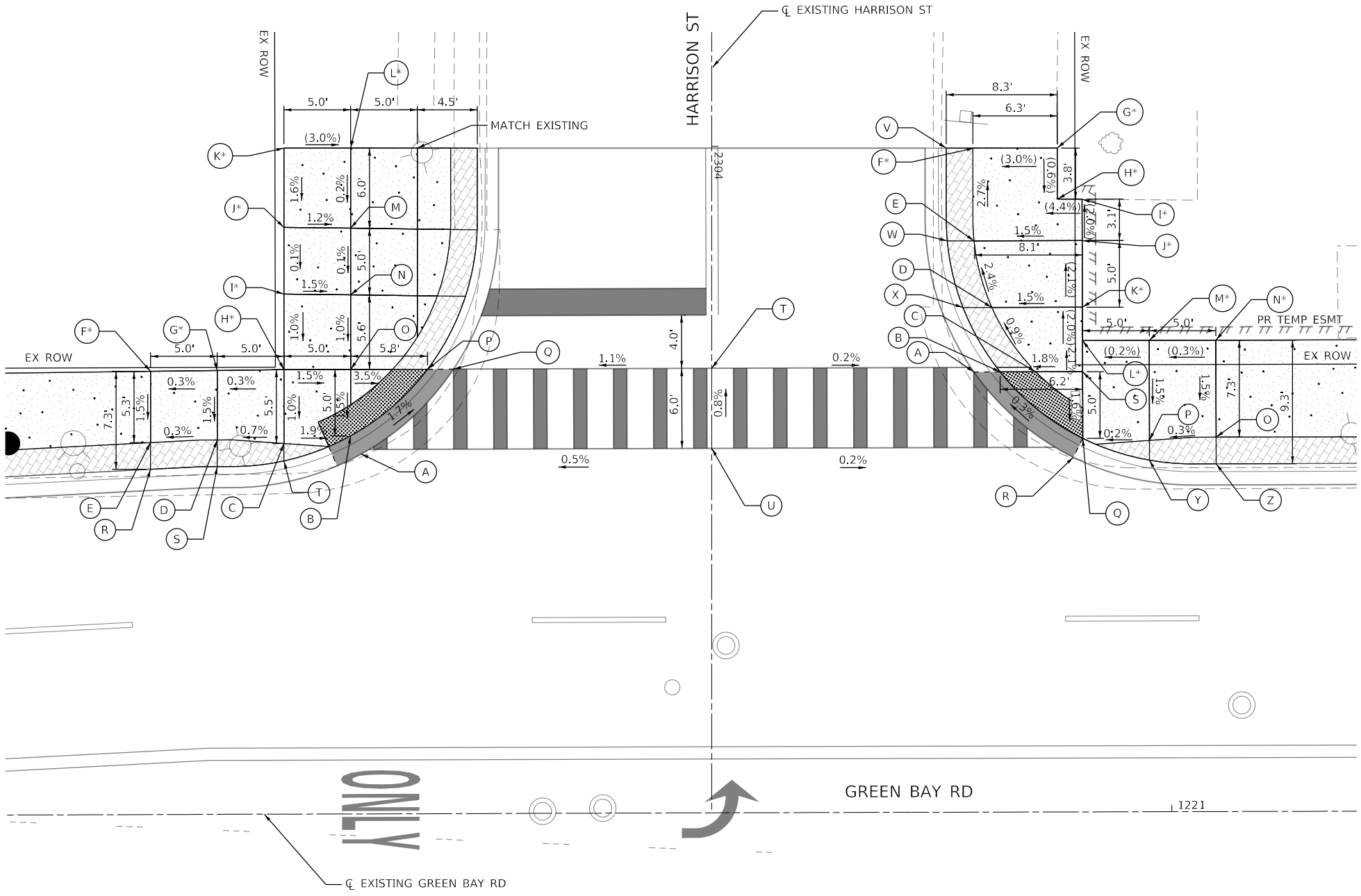
LEGEND:

- PROPOSED ELEVATION
- EXISTING ELEVATION
- SIDEWALK/PAVEMENT GRADE
- EXISTING GRADE
- DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

MODEL: Default
 FILE: \\bentley.com\pub\p01\Documents\01 Active Projects\WK-CUS-168112005 - Green Bay Road - Phase II - Design\CAD\Plan_Sheets\168112005-sht-00-00-Green-Bay-Rd.dgn
 6/10/2024 10:05:11 AM



GREEN BAY RD AND HARRISON ST INTERSECTION SW CORNER - SIDEWALK RAMP CONTROL POINTS			
POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1220+39.27	26.97	605.52
B	1220+38.51	28.36	605.51
C	1220+33.50	27.80	605.60
D	1220+28.50	28.08	605.60
E	1220+23.50	27.90	605.55
F	1220+23.52	33.24	605.63 *
G	1220+28.52	33.29	605.65 *
H	1220+33.52	33.34	605.60 *
I	1220+33.54	39.01	605.72 *
J	1220+33.55	44.01	605.71 *
K	1220+33.57	49.96	605.81 *
L	1220+38.57	49.94	605.66 *
M	1220+38.55	43.93	605.65
N	1220+38.54	38.93	605.64
O	1220+38.52	33.34	605.48
P	1220+44.29	33.34	605.38
Q	1220+46.24	33.34	605.39
R	1220+23.50	25.90	605.45
S	1220+28.50	26.08	605.50
T	1220+33.50	26.49	605.45



GREEN BAY RD AND HARRISON ST INTERSECTION NW CORNER - SIDEWALK RAMP CONTROL POINTS			
POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1220+85.24	33.01	605.59
B	1220+87.22	33.02	605.58
C	1220+89.88	33.02	605.63
D	1220+86.59	37.87	605.58
E	1220+85.28	42.85	605.46
F	1220+85.30	49.81	605.27 *
G	1220+91.53	49.79	605.46 *
H	1220+91.52	45.97	605.44 *
I	1220+93.39	45.95	605.52 *
J	1220+93.39	42.86	605.58 *
K	1220+93.39	37.86	605.69 *
L	1220+93.39	35.36	605.74 *
M	1220+98.39	35.36	605.75 *
N	1221+03.39	35.36	605.76 *
O	1221+03.31	28.08	605.65
P	1220+98.39	27.90	605.64
Q	1220+93.39	28.02	605.61
R	1220+92.69	26.60	605.62
S	1220+93.39	33.02	605.69
T	1220+65.58	33.34	605.60
U	1220+65.57	27.34	605.65
V	1220+83.21	49.82	605.13
W	1220+83.27	42.85	605.35
X	1220+84.44	37.85	605.45
Y	1220+98.39	26.37	605.55
Z	1221+03.39	26.08	605.58

LEGEND:

- (S) PROPOSED ELEVATION
- (S*) EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- [Grid Pattern] DETECTABLE WARNING TILE
- [Double Line] CC&G, TYPE B-6.12
- [Shaded Area] DEPRESSED CURB
- [Black Circle] TRAFFIC SIGNAL POST
- [Circle with Center] PEDESTRIAN PUSH BUTTON
- [Single Line] PROPOSED SIDE CURB

MODEL: Default
 FILE: \\bentley.com\p01\Documents\01 Active Projects\MK\GIS-168112005 - Green Bay Road - Phase B2 - Design\CAD\Plan_Sheets\168112005-sht-01-Harrison01_KHA.dgn
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630.487.6600
 WWW.KIMLEY-HORN.COM

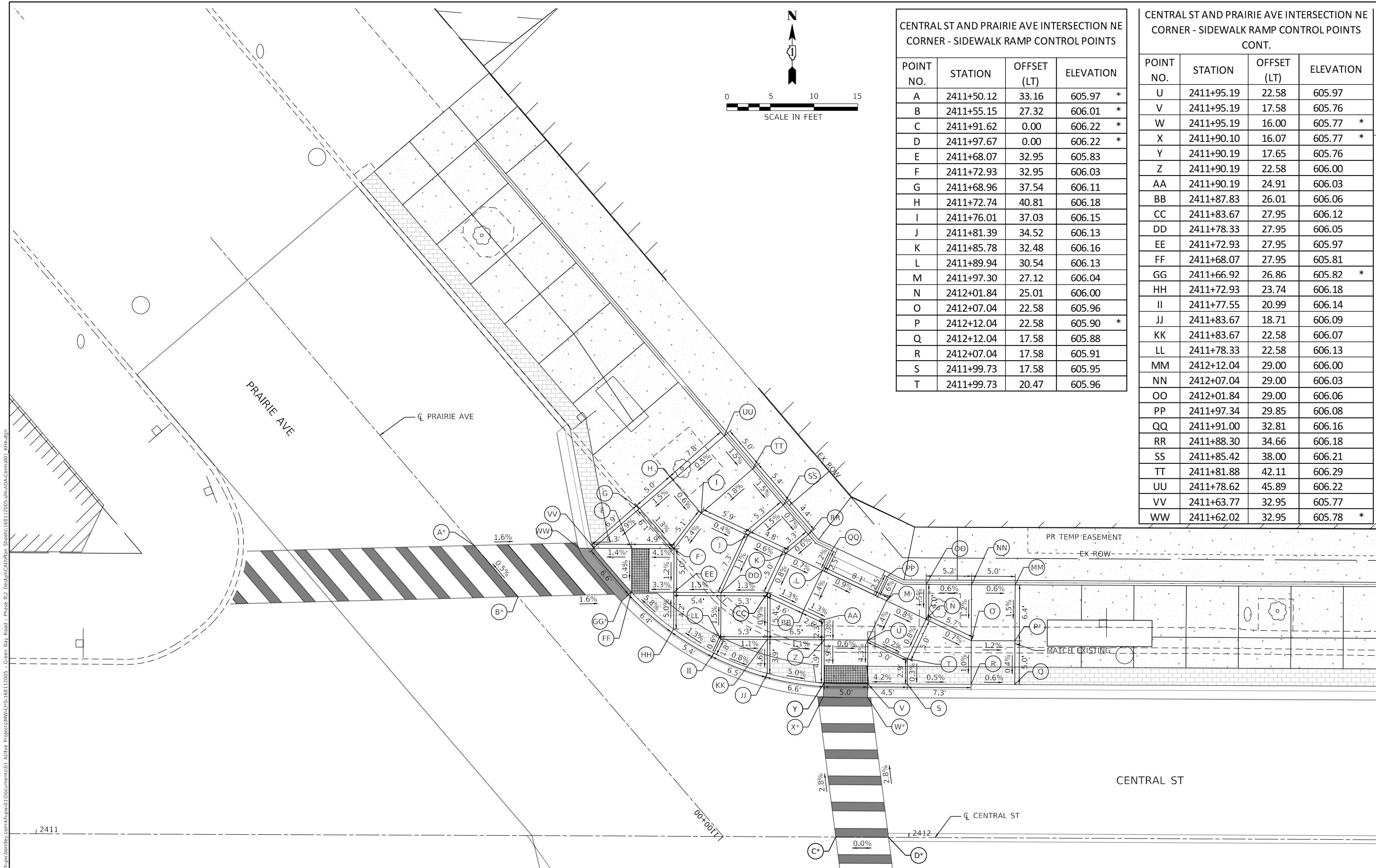


USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - SRS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION RAMP DETAILS GREEN BAY RD & HARRISON ST - NW & SW CORNER			
SCALE: 1" = 5'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	83
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



CENTRAL ST AND PRAIRIE AVE INTERSECTION NE CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2411+50.12	33.16	605.97 *
B	2411+55.15	27.32	606.01 *
C	2411+91.62	0.00	606.22 *
D	2411+97.67	0.00	606.22 *
E	2411+68.07	32.95	605.83
F	2411+72.93	32.95	606.03
G	2411+68.96	37.54	606.11
H	2411+72.74	40.81	606.18
I	2411+76.01	37.03	606.15
J	2411+81.39	34.52	606.13
K	2411+85.78	32.48	606.16
L	2411+89.94	30.54	606.13
M	2411+97.30	27.12	606.04
N	2412+01.84	25.01	606.00
O	2412+07.04	22.58	605.96
P	2412+12.04	22.58	605.90 *
Q	2412+12.04	17.58	605.88
R	2412+07.04	17.58	605.91
S	2411+99.73	17.58	605.95
T	2411+99.73	20.47	605.96

CENTRAL ST AND PRAIRIE AVE INTERSECTION NE CORNER - SIDEWALK RAMP CONTROL POINTS CONT.

POINT NO.	STATION	OFFSET (LT)	ELEVATION
U	2411+95.19	22.58	605.97
V	2411+95.19	17.58	605.76
W	2411+95.19	16.00	605.77 *
X	2411+90.10	16.07	605.77 *
Y	2411+90.19	17.65	605.76
Z	2411+90.19	22.58	606.00
AA	2411+90.19	24.91	606.03
BB	2411+87.83	26.01	606.06
CC	2411+83.67	27.95	606.12
DD	2411+78.33	27.95	606.05
EE	2411+72.93	27.95	605.97
FF	2411+68.07	27.95	605.81
GG	2411+66.92	26.86	605.82 *
HH	2411+72.93	23.74	606.18
II	2411+77.55	20.99	606.14
JJ	2411+83.67	18.71	606.09
KK	2411+83.67	22.58	606.07
LL	2411+78.33	22.58	606.13
MM	2412+12.04	29.00	606.00
NN	2412+07.04	29.00	606.03
OO	2412+01.84	29.00	606.06
PP	2411+97.34	29.85	606.08
QQ	2411+91.00	32.81	606.16
RR	2411+88.30	34.66	606.18
SS	2411+85.42	38.00	606.21
TT	2411+81.88	42.11	606.29
UU	2411+78.62	45.89	606.22
VV	2411+63.77	32.95	605.77
WW	2411+62.02	32.95	605.78 *

MODEL: Default
 FILE: \\nas01\p\w\benfey\com\p\p\p\01\Documents\01 Active Projects\MK\CHS-168112005 - Green Bay Road - Phase II - Design\CADD\Bldg_Sheets\168112005-sht-01-DA-Central01_KHA.dgn
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-471-6600
 WWW.KIMLEY-HORN.COM



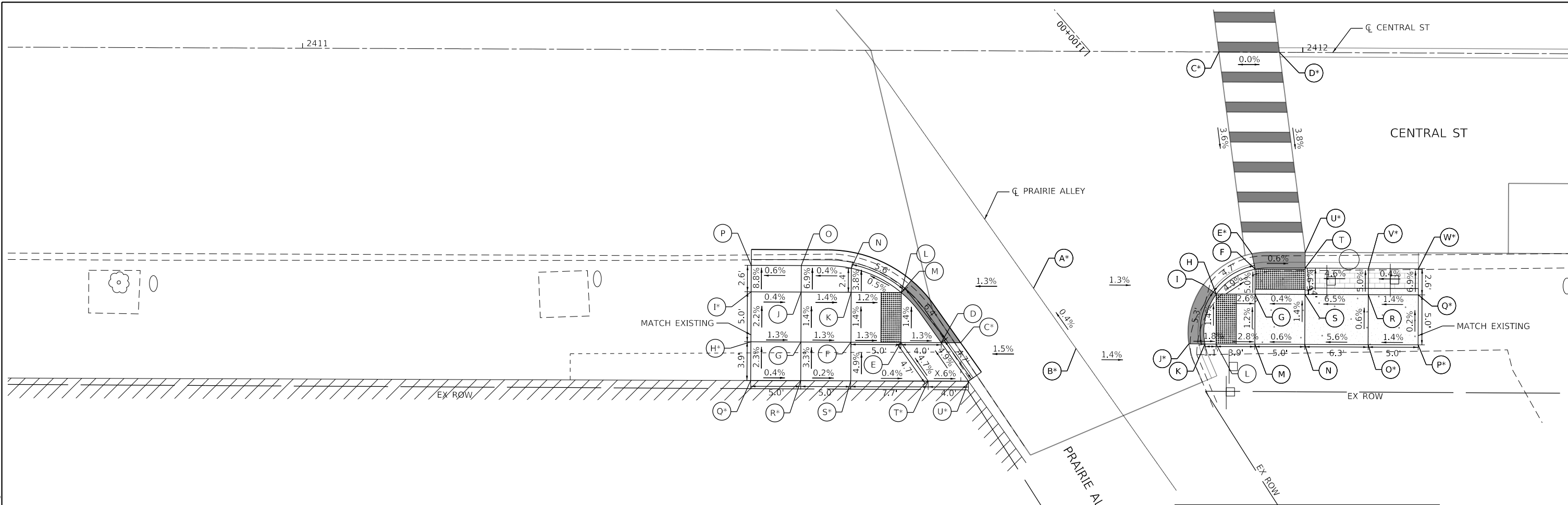
USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
DRAWN - KKH	REVISED -	
PLOT SCALE = 10.0000" / 1'	CHECKED - MRL	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION RAMP DETAILS
CENTRAL ST & PRAIRIE AVE - NE & NW CORNER

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	84
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



CENTRAL ST AND PRAIRIE ALLEY INTERSECTION
SW CORNER - SIDEWALK RAMP CONTROL POINTS

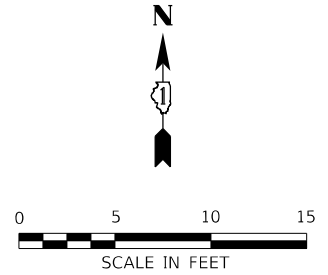
POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2411+73.20	23.75	605.93 *
B	2411+77.48	29.74	605.96 *
C	2411+65.94	29.23	605.79 *
D	2411+64.00	29.23	605.78
E	2411+59.97	29.23	605.83
F	2411+54.93	29.22	605.89
G	2411+49.93	29.22	605.96
H	2411+44.93	29.21	606.02 *
I	2411+44.94	24.21	605.91 *
J	2411+49.94	24.22	605.89
K	2411+54.94	24.22	605.82
L	2411+59.97	24.23	605.76
M	2411+60.98	23.01	605.77
N	2411+54.94	21.81	605.73
O	2411+49.94	21.57	605.71
P	2411+44.94	21.57	605.68 *
Q	2411+44.93	33.09	606.11 *
R	2411+49.93	33.08	606.09 *
S	2411+54.93	33.08	606.08 *
T	2411+62.72	33.07	606.05 *
U	2411+66.74	33.07	606.01 *

CENTRAL ST AND PRAIRIE ALLEY INTERSECTION
SE CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2411+73.20	23.75	605.93 *
B	2411+77.48	29.74	605.96 *
C	2411+91.62	0.00	606.22 *
D	2411+97.67	0.00	606.22 *
E	2411+95.02	20.17	605.48 *
F	2411+95.34	21.72	605.47
G	2411+95.34	24.22	605.60
H	2411+91.47	24.23	605.70
I	2411+90.19	23.30	605.71
J	2411+88.76	29.23	605.80 *
K	2411+90.37	29.23	605.79
L	2411+91.48	29.23	605.77
M	2411+95.35	29.22	605.66
N	2412+00.35	29.22	605.69
O	2412+06.68	29.21	606.04 *
P	2412+11.68	29.20	606.11 *
Q	2412+11.67	24.20	606.10 *
R	2412+06.67	24.21	606.03
S	2412+00.34	24.22	605.62
T	2412+00.34	21.58	605.44
U	2412+00.34	20.00	605.45 *
V	2412+06.67	21.58	605.90 *
W	2412+11.67	21.58	605.92 *

LEGEND:

- PROPOSED ELEVATION
- ⁺ EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- ▒ DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- ⊙ PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB



MODEL: Default
 FILE: \\hpc\pwwork\pwwork\hpc\pwwork\01\Documents\01\Active\Projects\MK\CHS-168112005 - Green Bay Road - Phase II\2_Design\CAD\Plan_Sheets\168112005-sht-0A-Central03_KHA.dgn
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WARFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-487-6600
 WWW.KIMLEY-HORN.COM



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - MRL	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

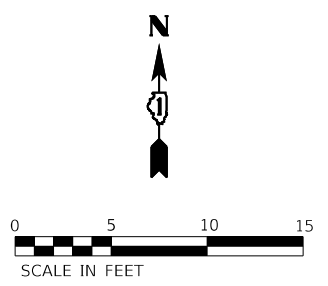
INTERSECTION RAMP DETAILS
CENTRAL ST & PRAIRIE ALLEY - SE & SW CORNER

F.A.U. RTE. 2744	SECTION 19-00285-00-R5	COUNTY COOK	TOTAL SHEETS 191	SHEET NO. 85
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

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

CENTRAL STREET VAULTED SIDEWALK CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2411+40.21	70.93	605.90 *
B	2411+36.95	74.71	605.89 *
C	2411+42.48	79.50	606.48
D	2411+47.03	83.41	606.57 *
E	2411+51.58	87.33	606.71 *
F	2411+54.84	83.54	606.76
G	2411+58.10	79.75	606.80
H	2411+53.55	75.83	606.71
I	2411+50.29	79.62	606.65
J	2411+45.75	75.71	606.56
K	2411+86.11	37.97	607.02
L	2411+90.66	41.89	607.11 *
M	2411+93.18	38.97	607.14 *
N	2412+00.49	35.56	607.18 *
O	2412+05.38	35.57	607.21 *
P	2412+05.39	29.50	607.12
Q	2411+99.29	29.50	607.11
R	2411+97.10	30.52	607.10
S	2411+91.66	33.05	607.07
T	2411+89.47	34.07	607.08
U	2412+30.39	29.54	607.24
V	2412+30.38	35.61	607.33 *
W	2412+50.38	35.65	607.22 *
X	2412+56.13	35.66	607.20 *
Y	2412+60.96	35.67	607.25 *
Z	2412+65.96	35.68	607.27 *
AA	2412+65.98	27.08	607.14
BB	2412+60.98	27.08	607.12
CC	2412+61.56	23.08	606.03
DD	2412+55.65	23.08	605.98
EE	2412+56.15	27.08	607.09
FF	2412+56.15	29.50	607.11
GG	2412+50.39	29.58	607.13

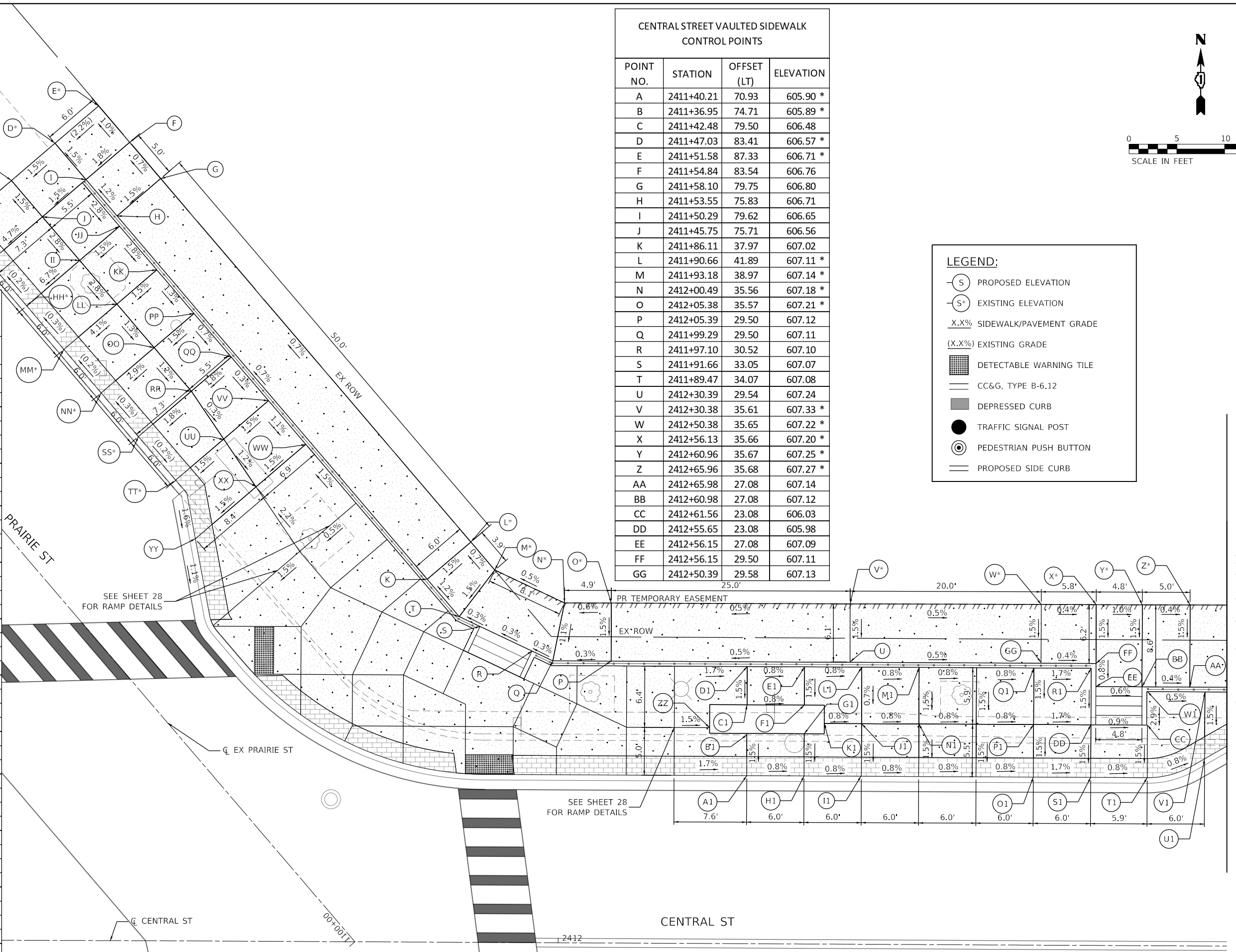


LEGEND:

- (S) PROPOSED ELEVATION
- (S*) EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- [Grid Pattern] DETECTABLE WARNING TILE
- [Hatched Area] CC&G, TYPE B-6.12
- [Dark Grey Box] DEPRESSED CURB
- [Black Circle] TRAFFIC SIGNAL POST
- [Circle with Center Dot] PEDESTRIAN PUSH BUTTON
- [Line] PROPOSED SIDE CURB

CENTRAL STREET VAULTED SIDEWALK CONTROL POINTS CONT.

POINT NO.	STATION	OFFSET (LT)	ELEVATION
HH	2411+44.12	66.38	605.91 *
II	2411+49.66	71.16	606.40
JJ	2411+53.82	74.75	606.48
KK	2411+57.74	70.20	606.31
LL	2411+53.57	66.61	606.23
MM	2411+48.04	61.84	605.93 *
NN	2411+51.96	57.30	605.94 *
OO	2411+57.49	62.06	606.15
PP	2411+61.56	65.66	606.23
QQ	2411+65.48	61.11	606.19
RR	2411+61.32	57.52	606.09
SS	2411+55.88	52.76	605.96 *
TT	2411+59.70	48.19	605.97
UU	2411+64.75	52.58	606.07
VV	2411+69.40	56.57	606.16
WW	2411+73.32	52.03	606.10
XX	2411+68.14	47.55	606.00
YY	2411+61.81	42.08	605.87
ZZ	2412+15.74	22.58	605.84
A1	2412+19.65	17.58	605.75
B1	2412+19.65	22.00	605.82
C1	2412+19.65	25.00	605.84
D1	2412+19.65	29.00	605.87
E1	2412+25.65	29.00	605.82
F1	2412+25.65	25.00	605.76
G1	2412+25.65	22.00	605.77
H1	2412+25.65	17.58	605.70
I1	2412+31.65	17.58	605.65
J1	2412+31.65	23.08	605.73
K1	2412+27.74	23.08	605.76
L1	2412+31.65	29.00	605.77
M1	2412+37.65	29.00	605.87
N1	2412+37.65	23.08	605.78
O1	2412+49.65	17.58	605.80
P1	2412+49.65	23.08	605.88
Q1	2412+49.65	29.00	605.97
R1	2412+55.65	29.00	606.07
S1	2412+55.65	17.58	605.90
T1	2412+61.56	17.58	605.95
U1	2412+67.56	19.59	606.00
V1	2412+67.56	26.58	606.10
W1	2412+61.56	26.58	606.13



MATCH LINE STA 2412+70.00

MODEL: Default; FILE: \\mshp\p\hntbv\com\shp\p\01\Documents\01_Active_Projects\MK-CUS-168112005_Green Bay Road - Phase B2_Design\CAD\Plan_Sheets\168112005-rbt-DA-Central06_KHA.dwg



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
	DRAWN - KKH	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - MRL	REVISED -
PLOT DATE = 7/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RAMP DETAILS
CENTRAL ST - PRAIRIE ST TO GREEN BAY RD**

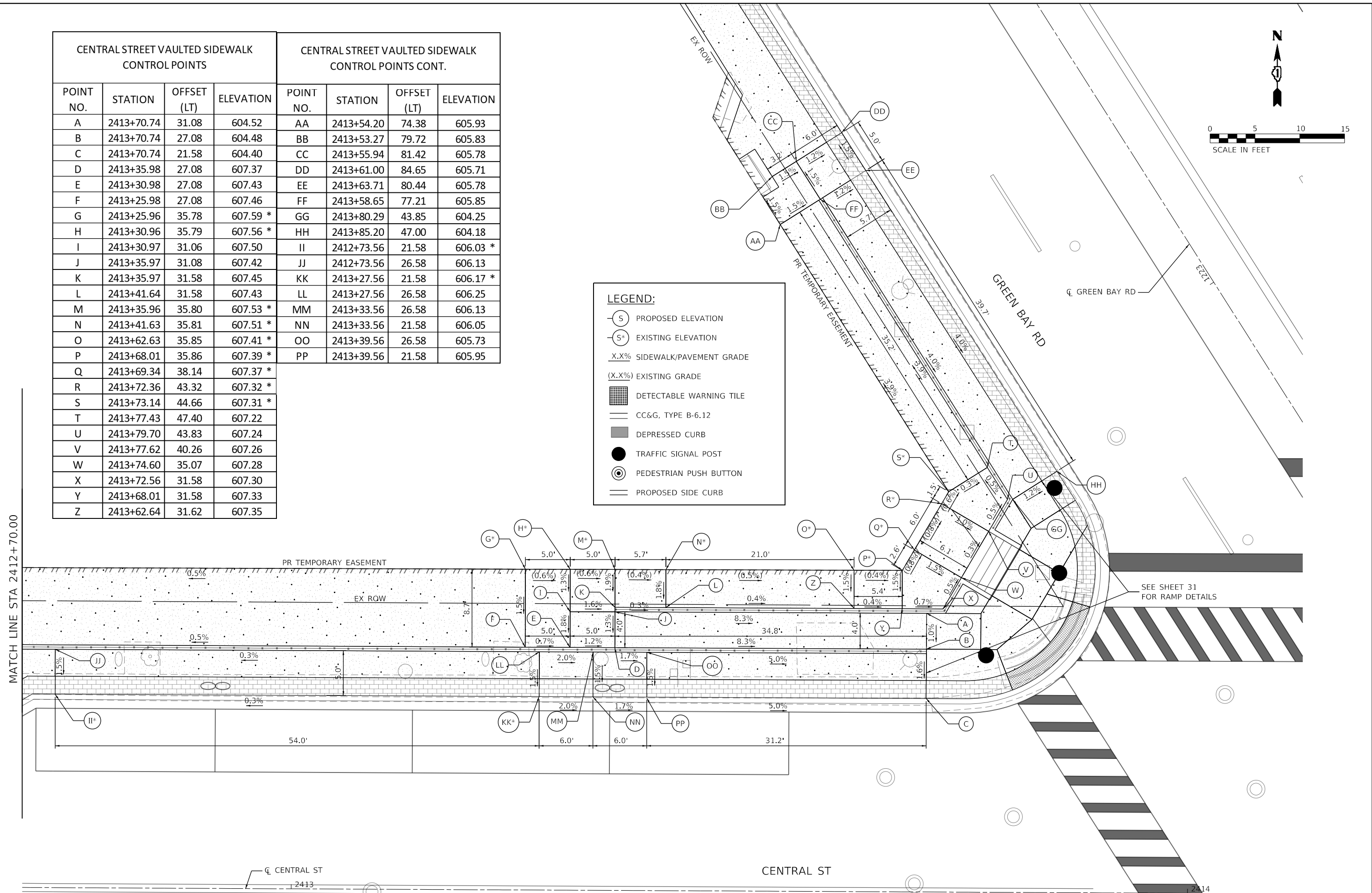
SCALE: 1" = 5' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 2744	SECTION 19-00285-00-R5	COUNTY COOK	TOTAL SHEETS 191	SHEET NO. 89
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

CENTRAL STREET VAULTED SIDEWALK CONTROL POINTS				CENTRAL STREET VAULTED SIDEWALK CONTROL POINTS CONT.			
POINT NO.	STATION	OFFSET (LT)	ELEVATION	POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2413+70.74	31.08	604.52	AA	2413+54.20	74.38	605.93
B	2413+70.74	27.08	604.48	BB	2413+53.27	79.72	605.83
C	2413+70.74	21.58	604.40	CC	2413+55.94	81.42	605.78
D	2413+35.98	27.08	607.37	DD	2413+61.00	84.65	605.71
E	2413+30.98	27.08	607.43	EE	2413+63.71	80.44	605.78
F	2413+25.98	27.08	607.46	FF	2413+58.65	77.21	605.85
G	2413+25.96	35.78	607.59 *	GG	2413+80.29	43.85	604.25
H	2413+30.96	35.79	607.56 *	HH	2413+85.20	47.00	604.18
I	2413+30.97	31.06	607.50	II	2412+73.56	21.58	606.03 *
J	2413+35.97	31.08	607.42	JJ	2412+73.56	26.58	606.13
K	2413+35.97	31.58	607.45	KK	2413+27.56	21.58	606.17 *
L	2413+41.64	31.58	607.43	LL	2413+27.56	26.58	606.25
M	2413+35.96	35.80	607.53 *	MM	2413+33.56	26.58	606.13
N	2413+41.63	35.81	607.51 *	NN	2413+33.56	21.58	606.05
O	2413+62.63	35.85	607.41 *	OO	2413+39.56	26.58	605.73
P	2413+68.01	35.86	607.39 *	PP	2413+39.56	21.58	605.95
Q	2413+69.34	38.14	607.37 *				
R	2413+72.36	43.32	607.32 *				
S	2413+73.14	44.66	607.31 *				
T	2413+77.43	47.40	607.22				
U	2413+79.70	43.83	607.24				
V	2413+77.62	40.26	607.26				
W	2413+74.60	35.07	607.28				
X	2413+72.56	31.58	607.30				
Y	2413+68.01	31.58	607.33				
Z	2413+62.64	31.62	607.35				

LEGEND:

- (S) PROPOSED ELEVATION
- (S*) EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- [Grid Pattern] DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- ⊙ PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB



MATCH LINE STA 2412+70.00

SEE SHEET 31 FOR RAMP DETAILS

MODEL: Default
 FILE: \\bentley.com\pub\pwworkspace\pwworkspace\11\Documents\01 Active Projects\MK-CHS-168112005 - Green Bay Road - Phase II - Design\CADD\Plan Sheets\168112005-sht-01-DA-Central07_KHA.dgn
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630-471-4600
 WWW.KIMLEY-HORN.COM



USER NAME = JoelTurk	DESIGNED - KKH	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KKH	REVISED -
PLOT DATE = 7/10/2024	CHECKED - MRL	REVISED -
	DATE	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION RAMP DETAILS	
CENTRAL ST - PRAIRIE ST TO GREEN BAY RD	
SCALE: 1" = 5'	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	90
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				

CENTRAL ST AND BROADWAY AVE INTERSECTION
NW CORNER - SIDEWALK RAMP CONTROL
POINTS

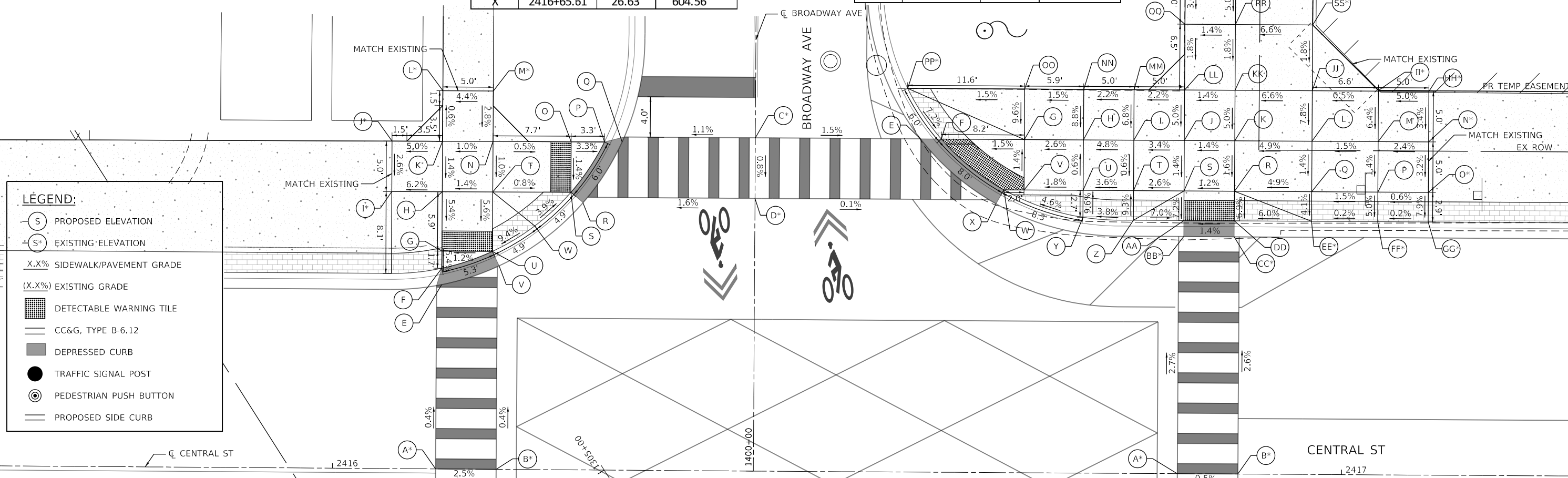
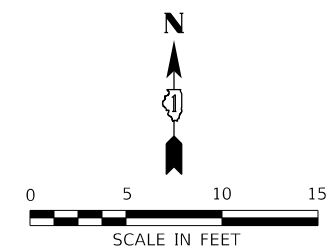
POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2416+10.22	0.00	603.98 *
B	2416+16.22	0.00	604.13 *
C	2416+41.68	33.03	604.64 *
D	2416+41.69	27.03	604.59 *
E	2416+10.70	18.26	603.90
F	2416+10.70	19.88	603.89
G	2416+10.70	21.58	603.98
H	2416+10.69	27.46	604.30
I	2416+05.69	27.44	603.99 *
J	2416+05.67	32.44	604.12 *
K	2416+10.68	32.46	604.37
L	2416+10.68	37.47	604.34 *
M	2416+15.68	37.47	604.56 *
N	2416+15.68	32.47	604.42
O	2416+23.43	32.50	604.38
P	2416+26.73	32.51	604.49
Q	2416+28.48	32.51	604.50
R	2416+24.64	26.47	604.32
S	2416+23.44	27.50	604.31
T	2416+15.69	27.47	604.37
U	2416+15.70	21.59	604.04
V	2416+16.37	20.16	604.05
W	2416+19.88	24.14	605.50

CENTRAL ST AND BROADWAY AVE INTERSECTION
NE CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2416+83.74	0.00	605.42 *
B	2416+89.74	0.00	605.45 *
C	2416+41.68	33.03	605.64 *
D	2416+41.69	27.03	604.59 *
E	2416+58.03	33.01	604.40
F	2416+60.15	33.01	604.39
G	2416+68.38	33.01	604.51
H	2416+74.24	33.01	604.64
I	2416+79.24	33.01	604.88
J	2416+84.24	33.01	605.05
K	2416+89.24	33.01	605.12
L	2416+96.90	33.01	605.49
M	2417+03.45	33.01	605.59
N	2417+08.45	33.01	605.71 *
O	2417+08.45	28.01	605.55 *
P	2417+03.45	28.01	605.52
Q	2416+96.90	28.01	605.42
R	2416+89.24	28.01	605.04
S	2416+84.24	28.01	604.98
T	2416+79.24	28.01	604.85
U	2416+74.24	28.01	604.67
V	2416+68.38	28.01	604.58
W	2416+66.38	28.01	604.55
X	2416+65.61	26.63	604.56

CENTRAL ST AND BROADWAY AVE INTERSECTION
NE CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
Y	2416+74.24	25.34	604.93
Z	2416+79.24	25.08	605.12
AA	2416+84.24	25.08	604.77
BB	2416+84.24	23.50	604.78 *
CC	2416+89.24	23.50	604.85 *
DD	2416+89.24	25.08	604.84
EE	2416+96.90	25.08	605.30 *
FF	2417+03.45	25.08	605.31 *
GG	2417+08.45	25.08	605.32 *
HH	2417+08.45	38.01	605.88 *
II	2417+03.40	38.01	605.91 *
JJ	2416+96.90	38.01	605.88
KK	2416+89.24	38.01	605.37
LL	2416+84.24	38.01	604.30
MM	2416+79.24	38.01	605.22
NN	2416+74.24	38.01	605.08
OO	2416+68.38	38.01	604.99
PP	2416+56.79	38.00	604.82 *
QQ	2416+84.24	44.53	605.42
RR	2416+89.24	44.53	605.49
SS	2416+96.90	44.53	606.00 *
TT	2416+96.90	49.53	605.95 *
UU	2416+89.24	49.53	605.74 *
VV	2416+84.24	49.53	605.57 *

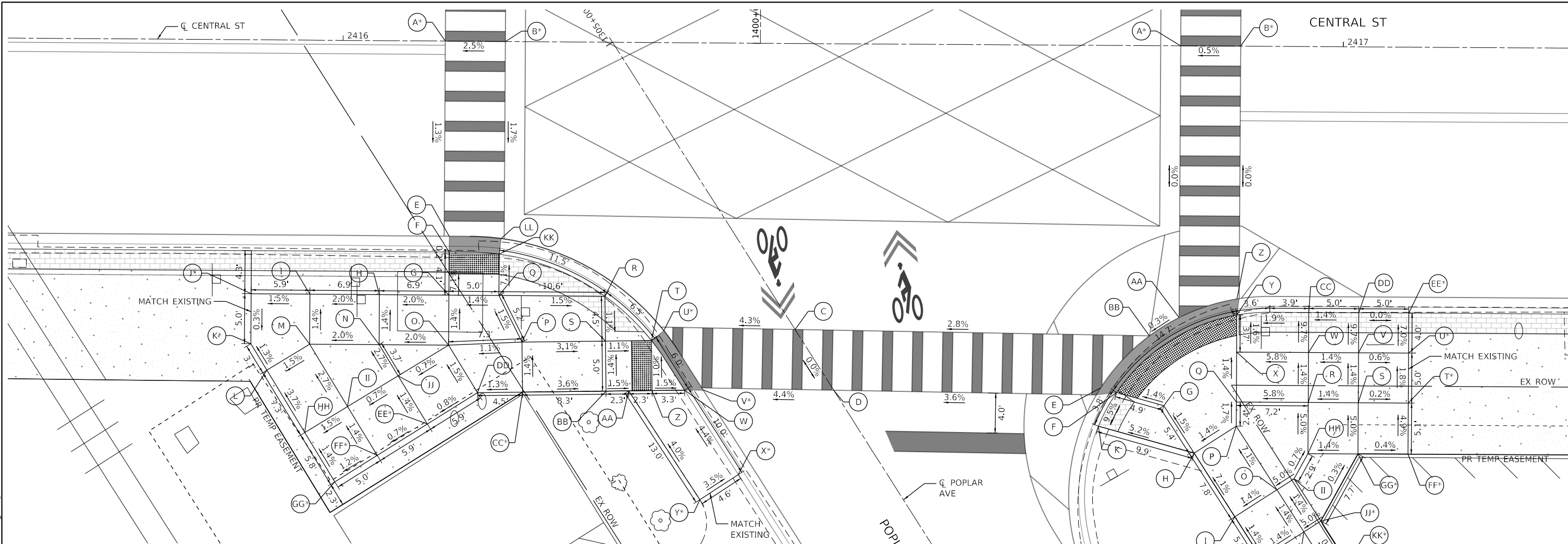


LEGEND:

- (S) PROPOSED ELEVATION
- (S*) EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- [Grid Pattern] DETECTABLE WARNING TILE
- [Line] CC&G, TYPE B-6.12
- [Hatched Area] DEPRESSED CURB
- [Circle with Dot] TRAFFIC SIGNAL POST
- [Circle with Arrow] PEDESTRIAN PUSH BUTTON
- [Line] PROPOSED SIDE CURB

	USER NAME = JoelTurk	DESIGNED - KKH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION RAMP DETAILS CENTRAL ST & BROADWAY AVE - NE & NW CORNER		F.A.U. RTE. = 2744	SECTION = 19-00285-00-RS	COUNTY = COOK	TOTAL SHEETS = 191	SHEET NO. = 91
	PLOT SCALE = 10.0000' / in.	CHECKED - MRL	REVISED -		SCALE: 1" = 5'	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 61K60			
	PLOT DATE = 7/10/2024	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE: \\hpc\pwworking\jrbentley.com\hpc\pwworking\01\Documents\01 Active Projects\MK-CUS-168112005 - Green Bay Road - Phase II - Design\CADD\Plan Sheets\168112005-sht-0A-Central08_KHA.dgn
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDLE ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: (630) 471-6600
 WWW.KIMLEY-HORN.COM



CENTRAL ST AND POPLAR AVE INTERSECTION SW CORNER - SIDEWALK RAMP CONTROL POINTS

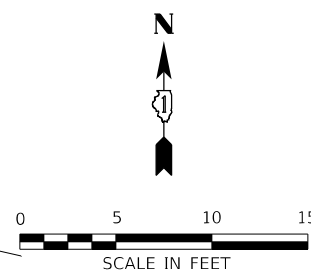
POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2416+10.22	0.00	603.98 *
B	2416+16.22	0.00	604.13 *
C	2416+45.39	28.59	604.43 *
D	2416+49.25	34.64	604.43 *
E	2416+10.74	19.50	603.73
F	2416+10.74	21.08	603.71
G	2416+10.75	25.39	604.00
H	2416+03.80	25.39	603.86
I	2415+96.86	25.39	603.72
J	2415+90.98	25.39	603.63 *
K	2415+90.98	30.39	603.62 *
L	2415+92.60	33.02	603.66
M	2415+96.86	30.39	603.79
N	2416+03.80	30.39	603.93
O	2416+10.75	30.39	604.07
P	2416+18.09	30.04	604.15
Q	2416+15.75	25.39	604.07
R	2416+26.35	25.39	603.94
S	2416+26.43	29.88	603.89
T	2416+31.03	29.80	603.84

CENTRAL ST AND POPLAR AVE INTERSECTION SW CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
S	2416+26.43	29.88	603.89
T	2416+31.03	29.80	603.84
U	2416+32.27	28.80	603.85 *
V	2416+36.24	34.70	603.85 *
W	2416+34.38	34.74	603.84
X	2416+39.80	43.14	604.28 *
Y	2416+35.98	45.67	604.44 *
Z	2416+31.13	34.80	603.89
AA	2416+28.80	34.84	603.92
BB	2416+26.53	34.88	603.96
CC	2416+18.18	35.04	604.22 *
DD	2416+13.67	35.12	604.16
EE	2416+08.68	38.29	604.11 *
FF	2416+03.69	41.46	604.07 *
GG	2415+99.47	44.15	604.01 *
HH	2415+96.44	39.23	603.93
II	2416+00.69	36.61	603.99
JJ	2416+05.72	33.50	604.03
KK	2416+15.74	21.27	603.78
LL	2416+15.94	19.70	603.79

LEGEND:

- S PROPOSED ELEVATION
- S* EXISTING ELEVATION
- X.X.X% SIDEWALK/PAVEMENT GRADE
- (X.X.X%) EXISTING GRADE
- [Grid Pattern] DETECTABLE WARNING TILE
- [Double Line] CC&G, TYPE B-6.12
- [Shaded Area] DEPRESSED CURB
- TRAFFIC SIGNAL POST
- ⊙ PEDESTRIAN PUSH BUTTON
- [Dashed Line] PROPOSED SIDE CURB



CENTRAL ST AND POPLAR AVE INTERSECTION SE CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	2416+83.74	0.00	605.42 *
B	2416+89.74	0.00	605.45 *
C	2416+45.39	28.59	604.43 *
D	2416+49.25	34.64	604.43 *
E	2416+75.93	34.26	605.39
F	2416+77.54	34.70	605.38
G	2416+82.26	36.00	605.45
H	2416+85.32	40.71	605.53
I	2416+89.42	47.05	606.08
J	2416+92.14	51.25	606.15
K	2416+75.74	38.07	605.02
L	2416+94.86	55.45	605.97 *
M	2416+99.06	52.73	606.25 *
N	2416+96.34	48.53	606.22
O	2416+93.62	44.33	606.15
P	2416+89.51	37.99	605.60
Q	2416+89.51	35.58	605.56
R	2416+96.70	35.58	605.98
S	2417+01.70	35.58	606.05

CENTRAL ST AND POPLAR AVE INTERSECTION SE CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
T	2417+06.70	35.58	606.04 *
U	2417+06.70	30.58	605.95 *
V	2417+01.70	30.58	605.98
W	2416+96.70	30.58	605.91
X	2416+89.51	30.58	605.49
Y	2416+89.51	26.88	605.43
Z	2416+89.51	26.88	605.44
AA	2416+83.74	27.17	605.42
BB	2416+80.78	29.02	605.41
CC	2416+96.70	26.58	605.52
DD	2417+01.70	26.58	605.59
EE	2417+06.70	26.62	605.59 *
FF	2417+06.70	40.69	606.28 *
GG	2417+01.71	40.70	606.30 *
HH	2416+96.70	40.70	606.23
II	2416+95.32	43.23	606.25
JJ	2416+98.03	47.43	606.32 *
KK	2417+00.74	51.64	606.32 *



USER NAME = JoelTurk
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 7/10/2024

DESIGNED - KKH
 DRAWN - KKH
 CHECKED - MRL
 DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RAMP DETAILS
 CENTRAL ST & POPLAR AVE - SE & SW CORNER**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	92

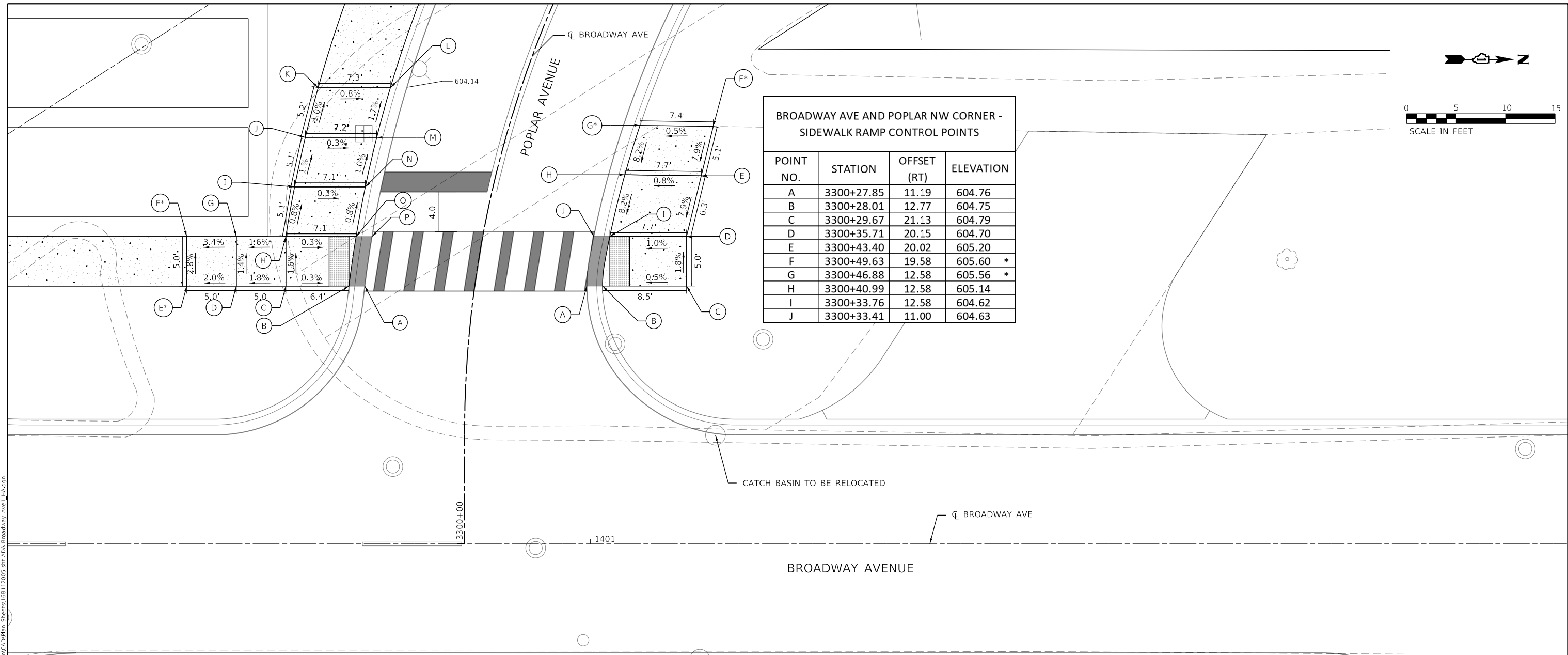
CONTRACT NO. 61K60
 ILLINOIS FED. AID PROJECT

MODEL: Default
 FILE: \\hpc\pwworking\jrbentley.com\hpc\pwworking\Documents\01 Active Projects\WK-CUS-168112005 - Green Bay Road - Phase B2 - Design\CADD\Plan Sheets\168112005-sht-DA-Central09_KHA.dgn
 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFLO ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630.471.4600
 WWW.KIMLEY-HORN.COM



**BROADWAY AVE AND POPLAR NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (RT)	ELEVATION
A	3300+27.85	11.19	604.76
B	3300+28.01	12.77	604.75
C	3300+29.67	21.13	604.79
D	3300+35.71	20.15	604.70
E	3300+43.40	20.02	605.20
F	3300+49.63	19.58	605.60 *
G	3300+46.88	12.58	605.56 *
H	3300+40.99	12.58	605.14
I	3300+33.76	12.58	604.62
J	3300+33.41	11.00	604.63



**BROADWAY AVE AND POPLAR SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

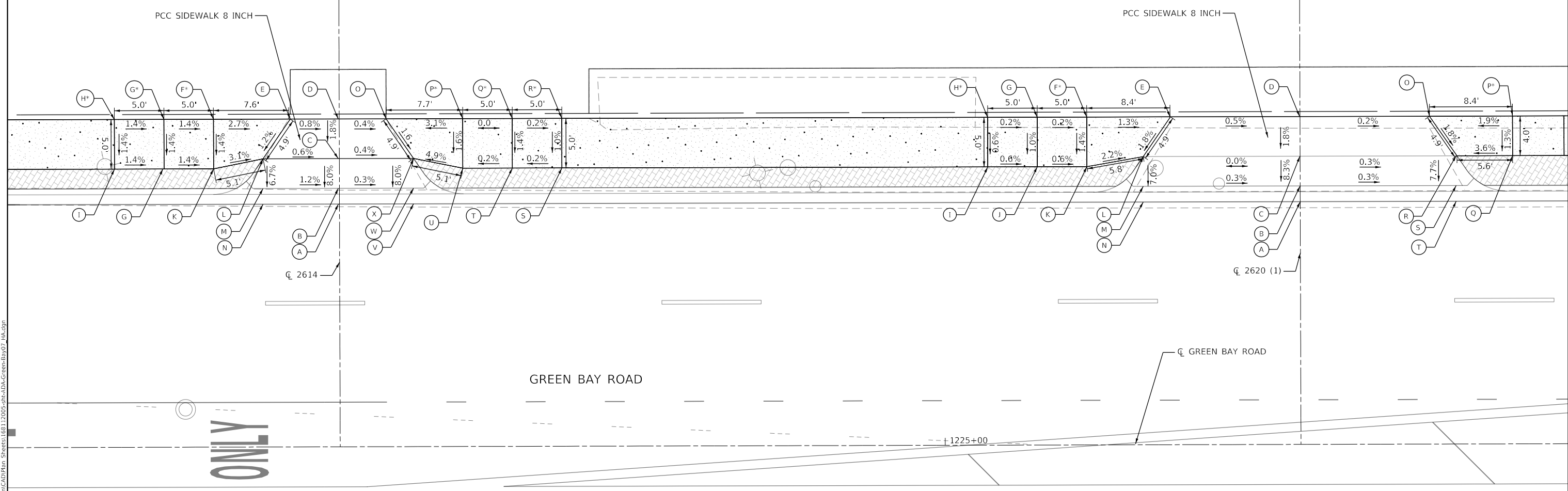
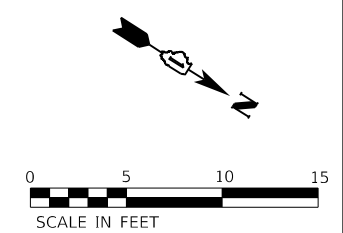
POINT NO.	STATION	OFFSET (RT)	ELEVATION
A	3300+24.59	11.00	604.90
B	3300+24.50	12.58	604.89
C	3300+23.83	18.91	604.92
D	3300+23.36	23.87	604.83
E	3300+22.91	28.84	604.73 *
F	3300+26.83	29.47	604.59 *
G	3300+27.42	24.53	604.76
H	3300+28.05	19.58	604.84
I	3300+32.36	19.58	604.80
J	3300+36.70	19.58	604.75
K	3300+41.09	19.58	604.70
L	3300+42.85	12.58	604.64
M	3300+38.20	12.58	604.73
N	3300+33.59	12.58	604.78
O	3300+29.03	12.58	604.82
P	3300+29.26	11.00	604.83

LEGEND:

- PROPOSED ELEVATION
- EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

MODEL: Default
 FILE: \\bentley.com\pub\p01\Documents\01_Active\Projects\HW\CHS-168112005 - Green Bay Road - Phase B2_Design\CAD\Plan_Sheets\168112005-sht-004-Broadway_Ave1.dgn
 7/10/2024 10:00:00 AM

	USER NAME = JoelTurk	DESIGNED - HA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION RAMP DETAILS BROADWAY AVE AND POPLAR AVE - SW & NW CORNERS	F.A.U. RTE. 2744	SECTION 19-00285-00-R5	COUNTY COOK	TOTAL SHEETS 191	SHEET NO. 93
	PLOT SCALE = 10.0001' / in.	CHECKED - MK	REVISIED -			SCALE: 1" = 5'	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 61K60	
	PLOT DATE = 7/10/2024	DATE -	REVISIED -			ILLINOIS FED. AID PROJECT				



LEGEND:

- S PROPOSED ELEVATION
- S* EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

**GREEN BAY RD AT 2614 SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1224+38.82	24.50	605.85
B	1224+38.82	26.08	605.91
C	1224+38.82	29.08	606.15
D	1224+38.82	33.08	606.22 *
E	1224+33.98	33.10	606.26
F	1224+26.23	33.08	606.43 *
G	1224+21.23	33.08	606.50
H	1224+16.23	33.08	606.57 *
I	1224+16.23	28.08	606.50 *
J	1224+21.23	28.08	606.43
K	1224+26.23	28.08	606.36
L	1224+31.23	29.08	606.20
M	1224+31.22	26.08	606.00
N	1224+31.22	24.50	605.94

**GREEN BAY RD AT 2614 NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1224+38.82	24.50	605.85
B	1224+38.82	26.08	605.91
C	1224+38.82	29.10	606.15
D	1224+38.82	33.08	606.22 *
O	1224+43.66	33.08	606.20
P	1224+51.38	33.08	606.45 *
Q	1224+56.38	33.08	606.45 *
R	1224+61.38	33.05	606.44 *
S	1224+61.38	28.08	606.39
T	1224+56.38	28.08	606.38
U	1224+51.38	28.08	606.37
V	1224+46.42	29.08	605.82
W	1224+46.41	26.08	605.88
X	1224+46.40	24.50	606.12

**GREEN BAY RD AT 2620 (1) SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1225+35.88	24.50	605.85
B	1225+35.87	26.08	605.91
C	1225+35.86	29.08	606.16
D	1225+35.84	33.08	606.24 *
E	1225+22.76	33.11	606.25 *
F	1225+14.35	33.06	606.27 *
G	1225+09.35	33.08	606.28
H	1225+04.33	33.08	606.29 *
I	1225+04.35	28.08	606.26
J	1225+09.24	28.08	606.23
K	1225+14.35	28.08	606.20
L	1225+20.04	29.08	606.16
M	1225+20.04	26.08	605.95
N	1225+20.03	24.50	605.89

**GREEN BAY RD AT 2620 (1) NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1225+35.88	24.50	605.85
B	1225+35.87	26.08	605.92
C	1225+35.86	29.08	606.16
D	1225+35.84	33.08	606.24 *
O	1225+48.95	33.08	606.23 *
P	1225+57.32	33.08	606.22 *
Q	1225+57.32	29.08	606.17
R	1225+51.70	29.08	606.11
S	1225+51.62	26.08	605.88
T	1225+51.62	24.50	605.82

MODEL: Default
 FILE: \\hpc-pw-bentley.com\hpc-pw-01\Documents\01_Active\Projects\WK-CUS-168112005 - Green Bay Road - Phase B2_Design\CAD\Plan_Sheets\168112005-Sub-DA-Green-Bay07_HA.dgn



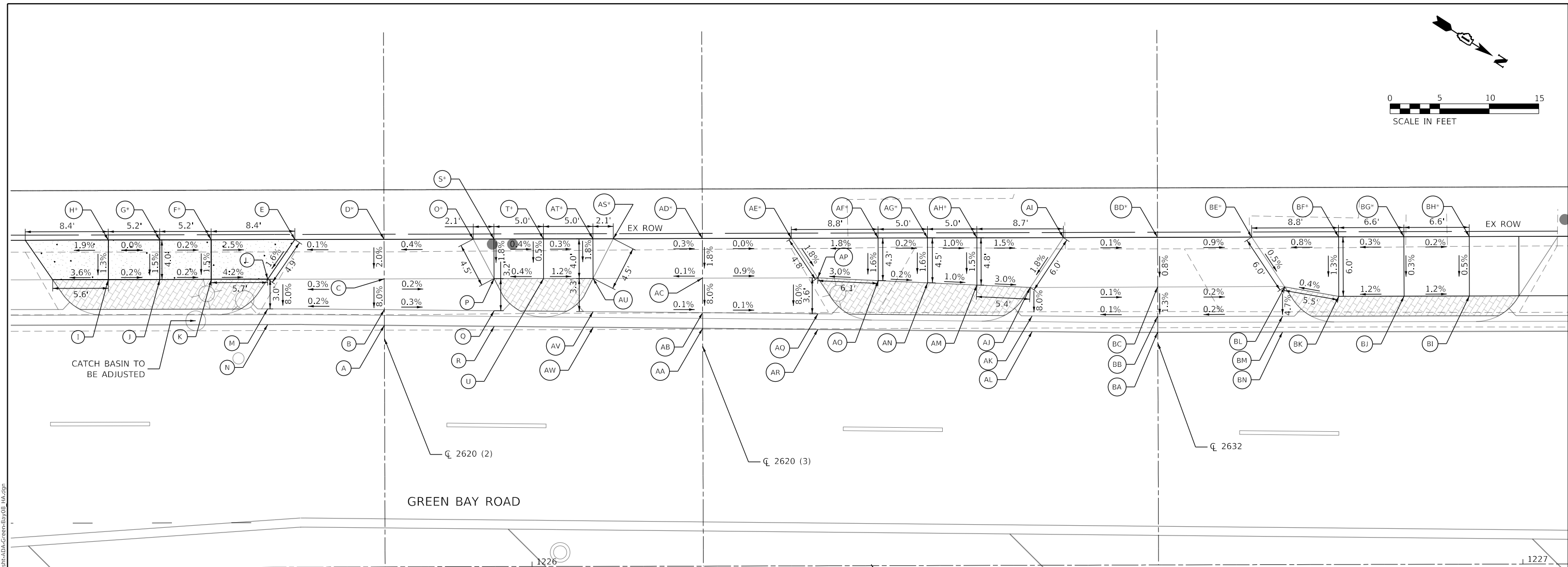
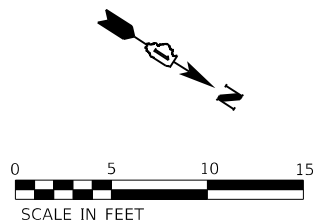
USER NAME = Mkelly	DESIGNED - HA	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - HA	REVISED -
PLOT DATE = 6/10/2024	CHECKED - MK	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RAMP DETAILS
GREEN BAY RD AT 2614 & 2620 (1) - NW & SW CORNERS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	94
CONTRACT NO. 61K60				
		ILLINOIS	FED. AID PROJECT	



LEGEND:

- ⊙ PROPOSED ELEVATION
- ⊙^S EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- [Grid Pattern] DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- [Shaded Area] DEPRESSED CURB
- TRAFFIC SIGNAL POST
- ⊙ PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

GREEN BAY RD AT 2620 (2) SW/NW CORNERS - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1225+85.16	24.40	605.89
B	1225+85.16	25.98	605.90
C	1225+85.16	29.08	606.15
D	1225+85.16	33.08	606.22 *
E	1225+76.16	33.08	606.21 *
F	1225+67.71	33.08	606.21 *
G	1225+62.51	33.08	606.22 *
H	1225+57.32	33.08	606.22 *
I	1225+57.32	29.08	606.17
J	1225+62.51	29.08	606.16
K	1225+67.71	29.08	606.15
L	1225+73.40	29.08	606.13
M	1225+73.39	26.08	605.88
N	1225+73.37	24.50	605.87
O	1225+94.16	33.08	606.26
P	1225+96.24	29.08	606.20
Q	1225+96.24	25.85	605.94
R	1225+96.24	24.26	605.93
S	1225+96.24	33.08	606.26 *
T	1226+01.24	33.08	606.24 *
U	1226+01.24	29.08	606.22

GREEN BAY RD AT 2620 (3) SW/NW CORNERS - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
AA	1226+17.27	24.01	605.71
AB	1226+17.27	25.59	605.72
AC	1226+17.27	29.08	606.17
AD	1226+17.27	33.08	606.19 *
AE	1226+26.19	33.08	606.15 *
AF	1226+35.01	33.08	606.09 *
AG	1226+39.92	33.20	606.08 *
AH	1226+44.97	33.08	606.03 *
AI	1226+53.70	33.05	605.94 *
AJ	1226+50.35	28.06	605.84
AK	1226+50.53	25.19	605.61
AL	1226+50.53	23.61	605.60
AM	1226+44.97	28.47	605.96
AN	1226+39.99	28.55	606.01
AO	1226+35.01	28.79	606.02
AP	1226+28.91	29.08	606.06
AQ	1226+28.90	25.45	605.68
AR	1226+28.90	23.87	605.67
AS	1226+08.29	33.08	606.22 *
AT	1226+06.23	33.08	606.23 *
AU	1226+06.23	29.08	606.16
AV	1226+06.23	25.73	605.54
AW	1226+06.23	24.14	605.53

GREEN BAY RD AT 2632 NW CORNER - SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
BA	1226+63.18	23.50	605.61
BB	1226+63.18	25.08	605.62
BC	1226+63.18	28.07	605.81
BD	1226+63.20	33.08	605.89 *
BE	1226+72.70	33.12	605.81 *
BF	1226+81.47	33.08	605.88 *
BG	1226+88.07	33.09	605.90 *
BH	1226+94.66	33.10	605.89 *
BI	1226+94.66	27.08	605.80
BJ	1226+88.07	27.09	605.88
BK	1226+81.47	27.10	605.80
BL	1226+76.02	28.05	605.78
BM	1226+75.80	25.08	605.64
BN	1226+75.79	23.50	605.63

MODEL: Default
 FILE: \\bentley.com\share\p\p\01\Documents\01\Active\Projects\WK-CUS-168112005 - Green Bay Road - Phase B2 - Design\CAD\Plan_Sheets\168112005-sht-04-Green-Bay-Road.dgn
 PROJECT: 168112005 - Green Bay Road - Phase B2 - Design\CAD\Plan_Sheets\168112005-sht-04-Green-Bay-Road.dgn



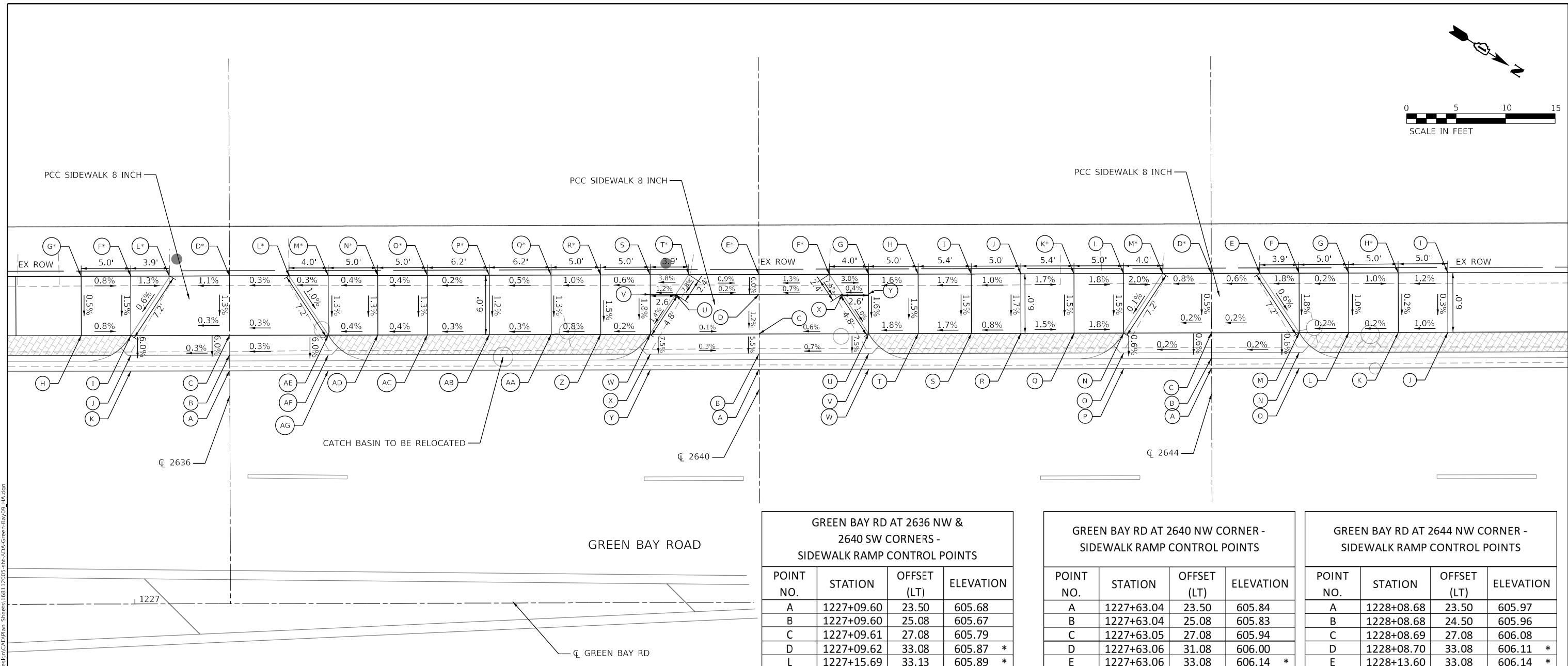
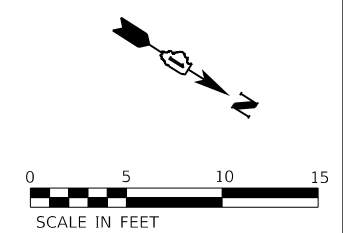
USER NAME = Mkelly	DESIGNED - HA	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - HA	REVISED -
PLOT DATE = 6/10/2024	CHECKED - MK	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION RAMP DETAILS
GREEN BAY RD AT 2620 (2,3) & 2632 - NW & SW CORNERS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	95
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



LEGEND:

- S PROPOSED ELEVATION
- S⁻ EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

**GREEN BAY RD AT 2636 SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1227+09.60	23.50	605.68
B	1227+09.60	25.08	605.67
C	1227+09.61	27.08	605.79
D	1227+09.62	33.08	605.87 *
E	1227+03.54	33.14	605.80 *
F	1226+99.66	33.08	605.85 *
G	1226+94.66	33.08	605.89 *
H	1226+94.66	27.08	605.80
I	1226+99.66	27.08	605.76
J	1226+99.66	25.08	605.64
K	1226+99.65	23.50	605.65

**GREEN BAY RD AT 2636 NW &
2640 SW CORNERS -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1227+09.60	23.50	605.68
B	1227+09.60	25.08	605.67
C	1227+09.61	27.08	605.79
D	1227+09.62	33.08	605.87 *
L	1227+15.69	33.13	605.89 *
M	1227+19.59	33.08	605.90 *
N	1227+24.59	33.08	605.92 *
O	1227+29.59	33.08	605.94 *
P	1227+35.83	33.08	605.95 *
Q	1227+42.08	33.08	605.98 *
R	1227+47.08	33.08	606.03 *
S	1227+52.08	33.08	606.06
T	1227+55.97	33.08	606.21 *
U	1227+54.65	31.08	606.02
V	1227+52.08	31.08	605.99
W	1227+52.08	27.08	605.95
X	1227+52.07	25.08	605.80
Y	1227+52.05	23.50	605.81
Z	1227+47.08	27.08	604.94
AA	1227+42.08	27.08	604.90
AB	1227+35.83	27.08	604.88
AC	1227+29.59	27.08	604.86
AD	1227+24.59	27.08	604.84
AE	1227+19.51	27.08	605.82
AF	1227+19.58	25.08	605.70
AG	1227+19.58	23.50	605.71

**GREEN BAY RD AT 2640 NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1227+63.04	23.50	605.84
B	1227+63.04	25.08	605.83
C	1227+63.05	27.08	605.94
D	1227+63.06	31.08	606.00
E	1227+63.06	33.08	606.14 *
F	1227+70.16	33.08	606.23 *
G	1227+74.12	33.08	606.11
H	1227+79.12	33.08	606.19
I	1227+84.48	33.08	606.28
J	1227+89.48	33.08	606.33
K	1227+94.85	33.08	606.24 *
L	1227+99.85	33.08	606.15
M	1228+03.81	33.08	606.07 *
N	1227+99.85	27.08	606.06
O	1227+99.84	25.08	605.94
P	1227+99.82	23.50	605.95
Q	1227+94.85	27.08	606.15
R	1227+89.48	27.08	606.24
S	1227+84.48	27.08	606.19
T	1227+79.12	27.08	606.10
U	1227+74.12	27.08	606.01
V	1227+74.11	25.08	605.86
W	1227+74.11	23.50	605.87
X	1227+71.48	31.08	606.06
Y	1227+74.14	31.08	606.07

**GREEN BAY RD AT 2644 NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1228+08.68	23.50	605.97
B	1228+08.68	24.50	605.96
C	1228+08.69	27.08	606.08
D	1228+08.70	33.08	606.11 *
E	1228+13.60	33.08	606.14 *
F	1228+17.56	33.08	606.17
G	1228+22.56	33.04	606.18
H	1228+27.56	33.08	606.13 *
I	1228+32.56	33.08	606.19 *
J	1228+32.56	27.08	606.17
K	1228+27.56	27.08	606.12
L	1228+22.56	27.08	606.11
M	1228+17.56	27.08	606.10
N	1228+17.55	25.08	605.98
O	1228+17.53	23.50	605.99

MODEL: Default
 FILE: \\hpc\pub\benby.com\hpc\pub\01\Documents\01 Active Projects\WK-CUS-168112005 - Green Bay Road - Phase B2 - Design\CAD\Plan_Sheets\168112005-Sub-CAD-Green-Bay\09_Ma.dgn
 PROJECT: 168112005 - Green Bay Road - Phase B2 - Design\CAD\Plan_Sheets\168112005-Sub-CAD-Green-Bay\09_Ma.dgn



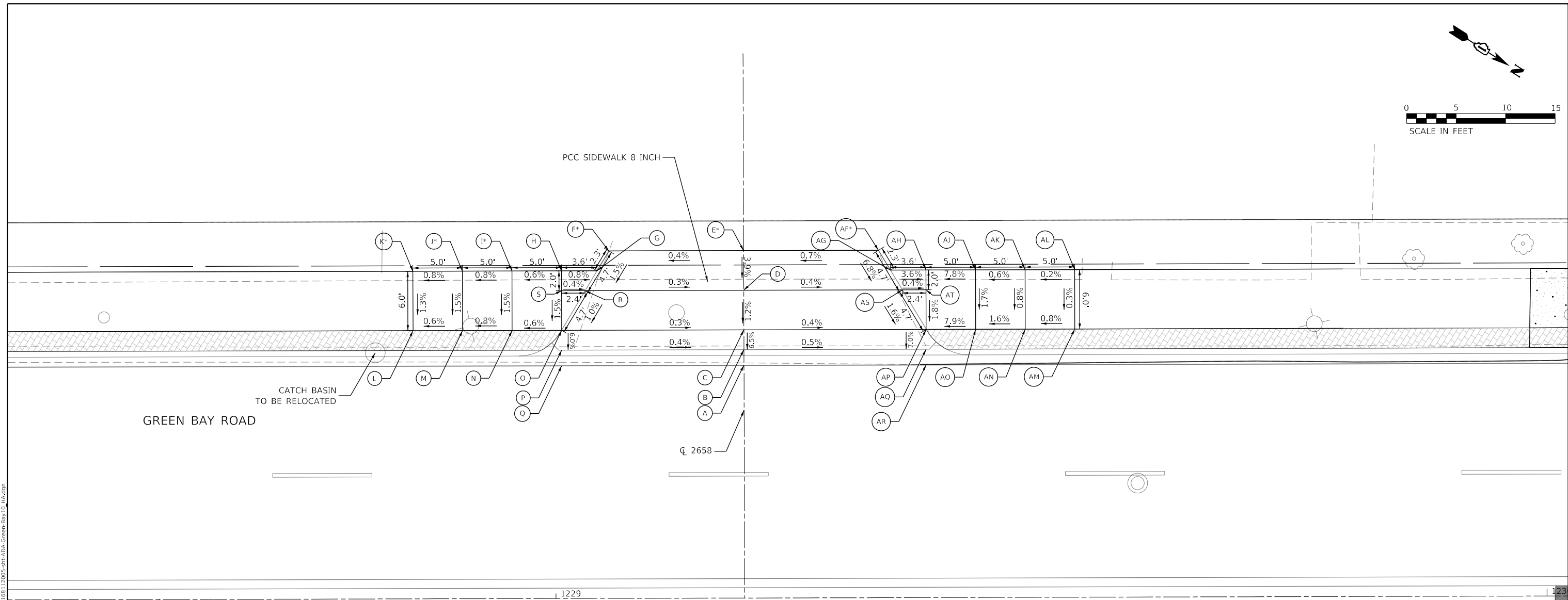
USER NAME = Mkelly	DESIGNED - HA	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - HA	REVISED -
PLOT DATE = 6/10/2024	CHECKED - MK	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RAMP DETAILS
GREEN BAY RD AT 2636, 2640, & 2644 - NW & SW CORNERS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	96
CONTRACT NO. 61K60				
		ILLINOIS	FED. AID PROJECT	



GREEN BAY ROAD

CATCH BASIN
TO BE RELOCATED

1229

CL 2658

CL EXISTING GREEN BAY RD

LEGEND:

- S PROPOSED ELEVATION
- S EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

GREEN BAY RD AT 2658 SW CORNER - SIDEWALK RAMP CONTROL POINTS			
POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1229+19.00	23.50	605.74
B	1229+18.99	25.08	605.82
C	1229+19.01	27.08	605.95
D	1229+19.02	31.08	606.02
E	1229+19.01	35.08	606.18 *
F	1229+05.41	35.08	606.13 *
G	1229+04.21	33.08	606.10
H	1229+00.63	33.08	606.10
I	1228+95.63	33.08	606.07 *
J	1228+90.63	33.08	606.03 *
K	1228+85.63	33.08	605.99 *
L	1228+85.63	27.08	605.91
M	1228+90.63	27.08	605.94
N	1228+95.63	27.08	605.98
O	1229+00.60	27.08	606.01
P	1229+00.63	25.08	605.89
Q	1229+00.63	23.50	605.88
R	1229+03.01	31.08	606.06
S	1229+00.63	31.08	606.07

GREEN BAY RD AT 2658 NW CORNER - SIDEWALK RAMP CONTROL POINTS			
POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1229+19.00	23.50	605.74
B	1229+18.99	25.08	605.82
C	1229+19.01	27.08	605.95
D	1229+19.02	31.08	606.02
E	1229+19.01	35.08	606.18 *
AF	1229+32.62	35.08	606.27 *
AG	1229+33.82	33.08	606.11
AH	1229+37.41	33.08	605.98
AJ	1229+42.41	33.08	606.37
AK	1229+47.41	33.08	606.40
AL	1229+52.41	33.08	606.41 *
AM	1229+52.41	27.08	606.39
AN	1229+47.41	27.08	606.35
AO	1229+42.41	27.08	606.27
AP	1229+37.41	27.13	605.87
AQ	1229+37.40	25.08	605.73
AR	1229+37.40	23.50	605.72
AS	1229+35.03	31.07	605.95
AT	1229+37.41	31.08	605.94

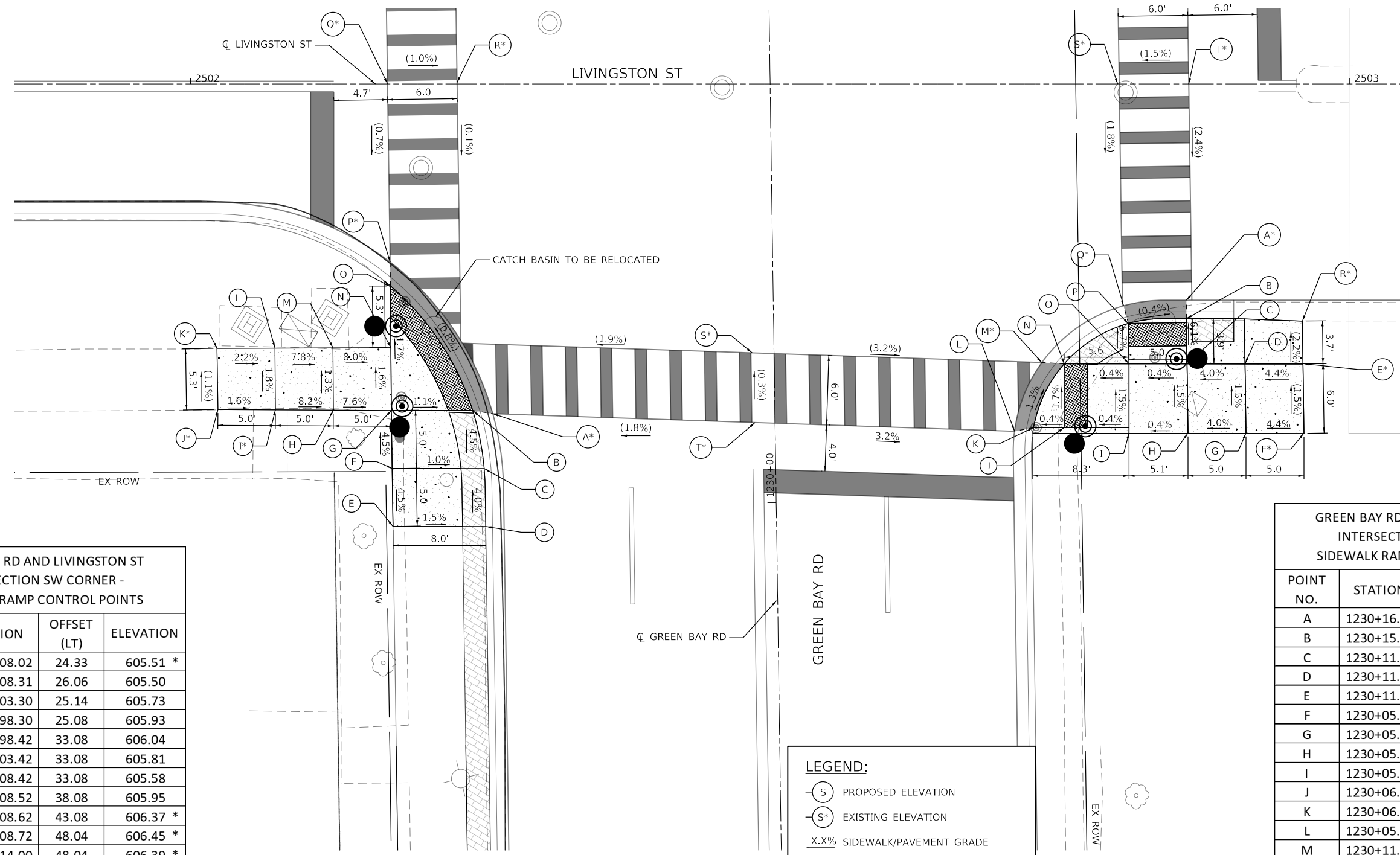
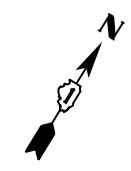
MODEL: Default
 FILE: \\bentley.com\pub\p01\Documents\01 Active Projects\MK-CUS-168112005 - Green Bay Road - Phase II\2 Design\CAD\Plan_Sheets\168112005-shr-DA-Green-Bay_10_Mk.dgn

	USER NAME = Mkelly	DESIGNED - HA	REVISED -
	PLOT SCALE = 10.0000 ' / in.	DRAWN - HA	REVISED -
	PLOT DATE = 6/10/2024	CHECKED - MK	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION RAMP DETAILS GREEN BAY RD AT 2658 - NW & SW CORNERS			
SCALE: 1" = 5'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	97
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



GREEN BAY RD AND LIVINGSTON ST
INTERSECTION SW CORNER -
SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1230+08.02	24.33	605.51 *
B	1230+08.31	26.06	605.50
C	1230+03.30	25.14	605.73
D	1229+98.30	25.08	605.93
E	1229+98.42	33.08	606.04
F	1230+03.42	33.08	605.81
G	1230+08.42	33.08	605.58
H	1230+08.52	38.08	605.95
I	1230+08.62	43.08	606.37 *
J	1230+08.72	48.04	606.45 *
K	1230+14.00	48.04	606.39 *
L	1230+13.95	43.05	606.28
M	1230+13.90	38.04	605.89
N	1230+13.85	33.04	605.49
O	1230+19.11	33.00	605.40
P	1230+21.28	33.06	605.41 *
Q	1230+36.62	33.00	605.52 *
R	1230+36.62	27.00	605.46 *
S	1230+12.95	2.00	605.92 *
T	1230+06.93	1.73	605.94 *

GREEN BAY RD AND LIVINGSTON ST
INTERSECTION SE CORNER -
SIDEWALK RAMP CONTROL POINTS

POINT NO.	STATION	OFFSET (RT)	ELEVATION
A	1230+16.94	35.63	604.91 *
B	1230+15.35	35.60	604.90
C	1230+11.45	35.60	605.14
D	1230+11.37	40.60	605.34
E	1230+11.27	45.60	605.56 *
F	1230+05.33	45.60	605.65 *
G	1230+05.41	40.60	605.23
H	1230+05.48	35.60	605.21
I	1230+05.52	30.51	605.19
J	1230+06.10	24.93	605.19
K	1230+06.14	22.29	605.24
L	1230+05.86	20.71	605.20
M	1230+11.74	23.08	605.11 *
N	1230+11.60	25.01	605.10
O	1230+11.52	30.60	605.12
P	1230+14.98	30.60	604.92
Q	1230+16.54	30.20	604.93 *
R	1230+14.90	45.60	605.48 *
S	1230+35.68	30.10	605.27 *
T	1230+35.59	36.10	605.36 *

LEGEND:

- (S) PROPOSED ELEVATION
- (S*) EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- [Hatched Box] DETECTABLE WARNING TILE
- [Double Line] CC&G, TYPE B-6.12
- [Shaded Box] DEPRESSED CURB
- [Black Circle] TRAFFIC SIGNAL POST
- [Circle with Center Dot] PEDESTRIAN PUSH BUTTON
- [Single Line] PROPOSED SIDE CURB

MODEL: Default
 FILE: \\bentley.com\hpbentley.com\hpbentley.com\Documents\01 Active Projects\WV-CIVIL\68112005 - Green Bay Road - Phase II\2 Design\CAD\Plan_Sheets\168112005-sht-00A-Livingston02_KH.dgn
 © 2014 KIMLEY-HORN AND ASSOCIATES, INC.
 400 WINDFIELD ROAD, SUITE 600
 WARRENVILLE, IL 60550
 PHONE: 630.487.6600
 WWW.KIMLEY-HORN.COM



USER NAME = JoelTurk
 PLOT SCALE = 10.0000" / in.
 PLOT DATE = 7/10/2024

DESIGNED - KKH
 DRAWN - KKH
 CHECKED - SRS
 DATE -

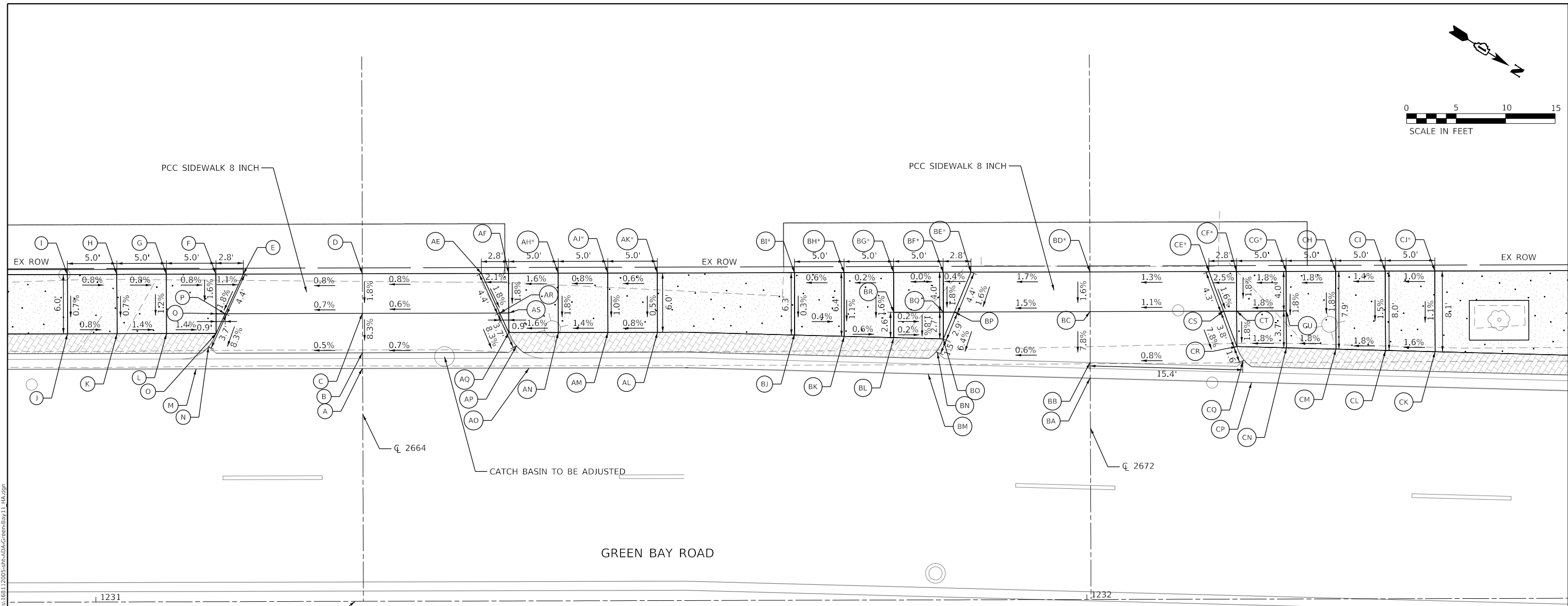
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION RAMP DETAILS
GREEN BAY RD & LIVINGSTON ST - SE & SW CORNERS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-RS	COOK	191	99
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				



LEGEND:

- S PROPOSED ELEVATION
- S⁻ EXISTING ELEVATION
- X.X% SIDEWALK/PAVEMENT GRADE
- (X.X%) EXISTING GRADE
- DETECTABLE WARNING TILE
- CC&G, TYPE B-6.12
- DEPRESSED CURB
- TRAFFIC SIGNAL POST
- PEDESTRIAN PUSH BUTTON
- PROPOSED SIDE CURB

**GREEN BAY RD AT 2664 SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1231+26.95	23.50	605.83
B	1231+26.95	25.08	605.82
C	1231+26.96	29.06	606.15
D	1231+26.97	33.06	606.22
E	1231+14.96	33.06	606.13
F	1231+12.20	33.06	606.16
G	1231+07.20	33.06	606.20
H	1231+02.20	33.06	606.24
I	1230+97.20	33.06	606.28
J	1230+97.20	27.08	606.24
K	1231+02.20	27.08	606.20
L	1231+07.20	27.08	606.13
M	1231+10.17	23.50	605.74
N	1231+11.44	25.73	605.75
O	1231+12.20	27.08	606.06
P	1231+13.12	29.06	606.05
Q	1231+12.20	29.06	606.10

**GREEN BAY RD AT 2664 NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
A	1231+26.95	23.50	605.83
B	1231+26.95	25.08	605.82
C	1231+26.96	29.06	606.15
D	1231+26.97	33.06	606.22
AE	1231+38.98	33.06	606.32
AF	1231+41.74	33.06	606.38
AH	1231+46.74	33.06	606.46 *
AJ	1231+51.74	33.06	606.48 *
AK	1231+56.74	33.06	606.51 *
AL	1231+56.74	27.08	606.48
AM	1231+51.74	27.08	606.42
AN	1231+46.74	27.15	606.35
AO	1231+43.78	23.50	605.95
AP	1231+42.50	25.70	605.93
AQ	1231+41.74	27.08	606.27
AR	1231+40.83	29.06	606.24
AS	1231+41.74	29.06	606.31

**GREEN BAY RD AT 2672 SW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
BA	1232+00.37	22.33	606.38
BB	1232+00.37	23.92	606.37
BC	1232+00.39	29.06	606.77
BD	1232+00.40	33.07	606.83 *
BE	1231+88.39	33.07	606.63 *
BF	1231+85.58	33.07	606.62 *
BG	1231+80.58	33.07	606.62 *
BH	1231+75.58	33.06	606.61 *
BI	1231+70.58	33.06	606.58 *
BJ	1231+70.58	26.77	606.56
BK	1231+75.58	26.63	606.54
BL	1231+80.58	26.48	606.51
BM	1231+84.05	22.80	606.26
BN	1231+84.99	24.98	606.27
BO	1231+85.58	26.34	606.50
BP	1231+86.71	29.05	606.56
BQ	1231+85.58	29.05	606.55
BR	1231+80.58	29.04	606.56

**GREEN BAY RD AT 2672 NW CORNER -
SIDEWALK RAMP CONTROL POINTS**

POINT NO.	STATION	OFFSET (LT)	ELEVATION
BA	1232+00.37	22.33	606.38
BB	1232+00.37	23.92	606.37
BC	1232+00.39	29.06	606.77
BD	1232+00.40	33.07	606.83 *
CE	1232+12.40	33.07	606.99 *
CF	1232+15.20	33.09	607.06 *
CG	1232+20.20	33.07	607.15 *
CH	1232+25.20	33.07	607.24
CI	1232+30.20	33.07	607.31
CJ	1232+35.20	33.07	607.36 *
CK	1232+35.20	24.92	607.27
CL	1232+30.20	25.07	607.19
CM	1232+25.20	25.33	607.10
CN	1232+20.20	25.39	607.01
CP	1232+16.67	21.87	606.51
CQ	1232+15.81	24.00	606.50
CR	1232+15.20	25.49	606.92
CS	1232+13.88	29.07	606.92
CT	1232+15.20	29.07	606.99
CU	1232+20.20	29.07	607.08

MODEL: Default
 FILE: \\p:\pub\pwbentley.com\pwb\pwb-01\Documents\01_Active Projects\WV\GIS\168112005 - Green Bay Road - Phase B2_Design\CAD\Plan_Sheets\168112005-sht-DA-Green-Bay11_HA.dgn
 6/10/2024



USER NAME = MKelly
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 6/10/2024

DESIGNED - HA
 DRAWN - HA
 CHECKED - MK
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION RAMP DETAILS
GREEN BAY RD & 2664 & 2672 - NW & SW CORNERS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	19-00285-00-R5	COOK	191	100
CONTRACT NO. 61K60				
ILLINOIS FED. AID PROJECT				