

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED ROADWAY PLANS

EMERSON STREET, RIDGE AVENUE AND GREEN BAY ROAD CORRIDOR
SECTION: 13-00270-00-CH
PROJECT: CMM-M-4003 (237)
INTERSECTION IMPROVEMENTS AND
PAVEMENT RESURFACING & RECONSTRUCTION
CITY OF EVANSTON
COOK COUNTY
C-91-065-14

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	1
ILLINOIS			CONTRACT NO. 61C32	

C-91-065-14



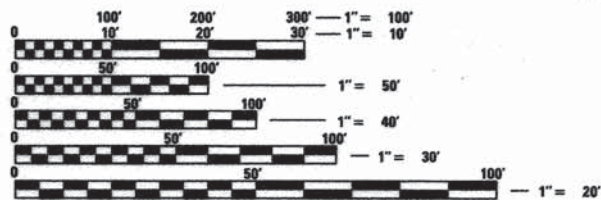
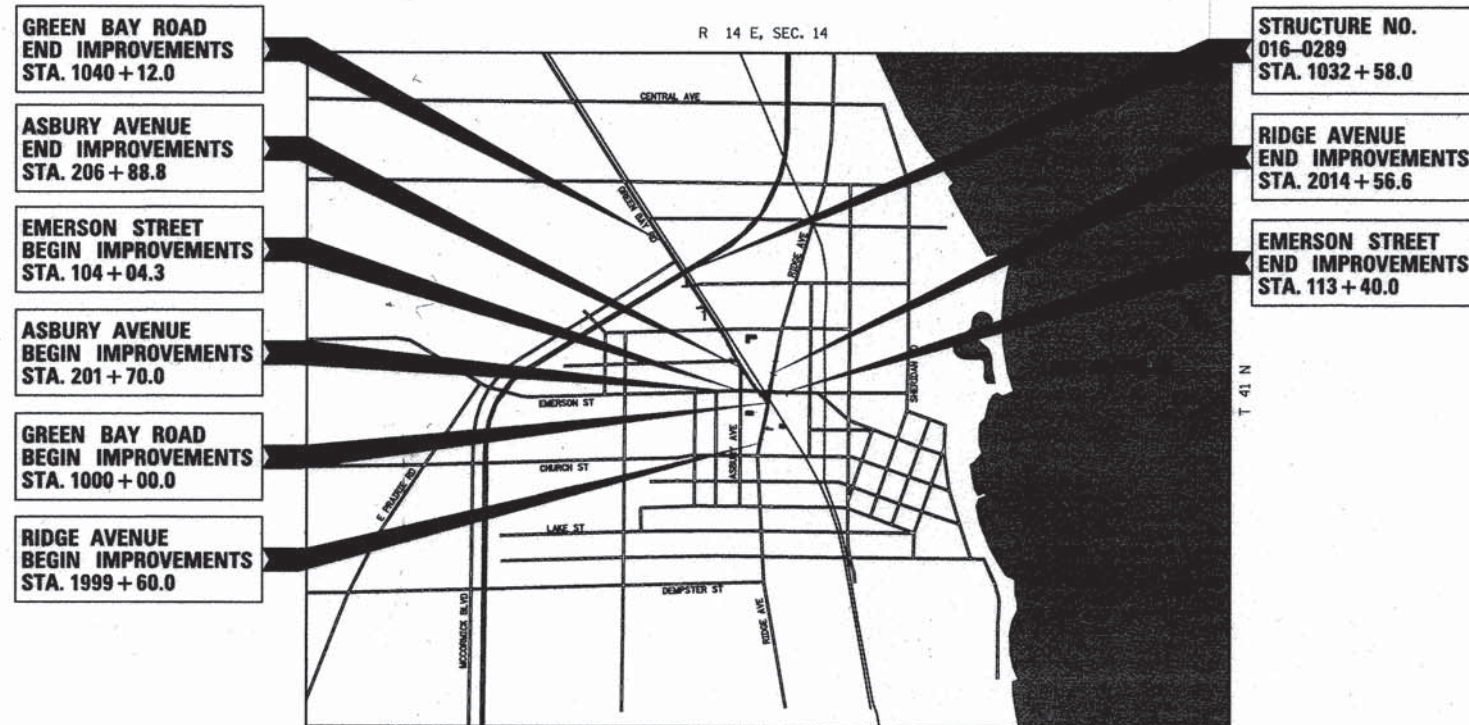
DESIGN DESIGNATION

GREEN BAY ROAD
POSTED SPEED LIMIT = 30 MPH
DESIGN SPEED LIMIT = 35 MPH
TRAFFIC = 15250 ADT (2014)
TRAFFIC = 16015 ADT (2040)

RIDGE AVENUE
POSTED SPEED LIMIT = 30 MPH
DESIGN SPEED LIMIT = 35 MPH
TRAFFIC = 10600 ADT (2014)
TRAFFIC = 11130 ADT (2040)

EMERSON STREET
POSTED SPEED LIMIT = 30 MPH
DESIGN SPEED LIMIT = 35 MPH
TRAFFIC = 10500 ADT (2014)
TRAFFIC = 11025 ADT (2040)

ASBURY AVENUE
POSTED SPEED LIMIT = 30 MPH
DESIGN SPEED LIMIT = 35 MPH
TRAFFIC = 3900 ADT (2014)
TRAFFIC = 4100 ADT (2040)



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

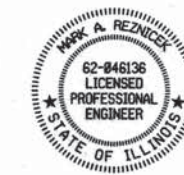
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

LOCATION MAP
GROSS LENGTH = 6925 FT. = 1.31 MILES
NET LENGTH = 6925 FT. = 1.31 MILES



CITY SENIOR PROJECT MANAGER: SAT NAGAR, PE
CONSULTANT PROJECT MANAGER: MARK REZNICEK, PE

CONTRACT NO. - 61C32



MARK A. REZNICEK
DATE: 11/30/2017
SHEET:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 12-4 20 15
Walter Bohannon
CITY OF EVANSTON, CITY MANAGER

PASSED DECEMBER 16 20 2015
C. Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW December 17 20 15
John Fortmann
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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FEDERAL AID PROGRAM ENGINEER: FAWAD AG-VEEL, P.E., PTOE 847-705-4021 SCHAMBURG, IL

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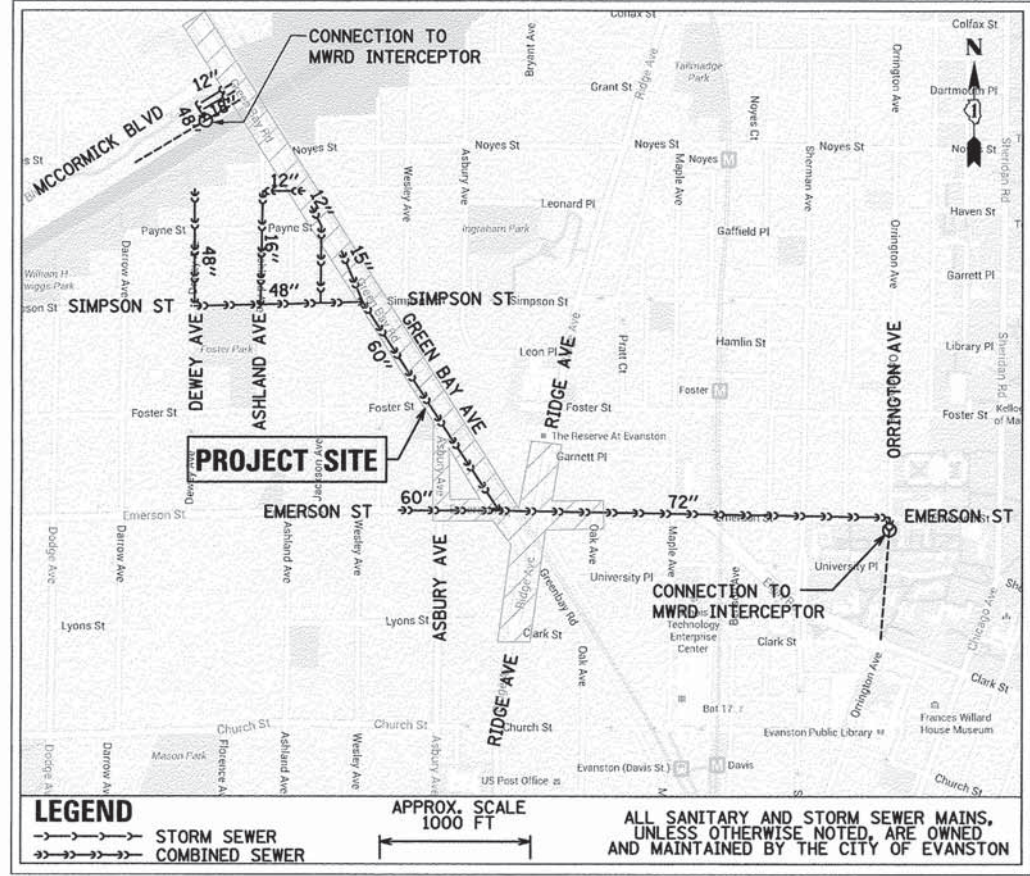
DISTRICT 1 HIGHWAY STANDARDS

BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
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TS-05B	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-05C	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-05D	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-05E	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-05F	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-07	STANDARD TRAFFIC SIGNAL DESIGN DETAILS

IDOT HIGHWAY STANDARDS

STD.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN TYPE A
602301-04	INLET - TYPE A
602401-03	MANHOLE TYPE A
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
720021-02	SIGN PANELS EXTRUDED ALUMINUM TYPE
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
821101-01	LUMINAIRE WIRING DIAGRAM
830001-03	LIGHT POLE ALUMINUM MAST ARM
830006-03	LIGHT POLE ALUMINUM DAVIT ARM
830011-02	LIGHT POLE STEEL MAST ARM
830016-02	LIGHT POLE STEEL DAVIT ARM
836001-02	LIGHT POLE FOUNDATION
836006-01	LIGHT POLE FOUNDATION WITH 32 IN CONCRETE MEDIAN BARRIER
836011-01	LIGHT POLE FOUNDATION WITH 42 IN CONCRETE MEDIAN BARRIER
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-05	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

COMBINED SEWER ROUTING MAP



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	AT	
	BY	
	FILE NAME	

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

FILE NAME: E:\E\13-00270-00-CH\13-00270-00-CH.dwg

ESI
 ESI CONSULTANTS, L.T.D.
 1000 N. MICHIGAN AVE., SUITE 1000
 CHICAGO, IL 60611

USER NAME = bhennrichs	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1:8000	DRAWN - BAH	REVISED - -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND HIGHWAY STANDARDS	
SCALE: _____	SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	2
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- MAIL BOXES SHALL BE RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AS COORDINATED WITH THE LOCAL POSTAL AUTHORITY. UNLESS INCLUDED AS A CONTRACT PAY ITEM, THIS WORK SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER, AND CABLE TELEVISION FACILITIES. (48 HOURS NOTICE REQUIRED)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OF THE VILLAGE. THIS WORK SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
- UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY CONTRACTOR.
- DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT HIS EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON -WORKING HOURS.
- ALL EXCESS MATERIAL(BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION, SURPLUS MATERIAL FROM SEWER TRENCHES, ETC.) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATED WITH THE UNION PACIFIC RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE UNION PACIFIC RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISED CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

EROSION CONTROL GENERAL NOTES:

- ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND ILR40.
- EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
- SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
- ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODIBLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.

- STOCKPILES AND MATERIAL STORAGE ARE PROHIBITED IN SPECIAL MANAGEMENT AREAS INCLUDING WETLANDS, WETLAND BUFFERS, AND FLOOD PLAINS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED TO THE SATISFACTION OF THE ENGINEER.
- WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
- ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED OR AS DIRECTED BY THE ENGINEER.
- CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
- ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
- ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
- THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
- THE COST OF REMOVING SEDIMENT OR REPAIRING EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.

ROADWAY EXCAVATION NOTES:

- ALL EXISTING CULVERTS, STORM SEWERS, OR DRAINAGE STRUCTURES MARKED FOR REMOVAL ON THE PLANS OR DESIGNATED IN THE FIELD BY THE ENGINEER TO BE REMOVED AND ANY EXCAVATION SHALL BE BACKFILLED WITH A GRANULAR MATERIAL MEETING THE SPECIFICATIONS FOR FA-1 OR FA-2. THE COST OF ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR STORM SEWER OR PIPE CULVERT UNLESS PAID FOR AS A SPECIFIC ITEM.
- ALL EXISTING GRANULAR AND HOT-MIX ASPHALT PAVEMENT TO BE REMOVED AND NOT PAID AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING HOT-MIX ASPHALT PAVEMENT BY GRINDING OR EXCAVATION. IF THE HOT-MIX ASPHALT PAVEMENT IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. HOT-MIX ASPHALT PAVEMENT REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL. NO HOT-MIX ASPHALT PAVEMENT SHALL BE REMOVED IN AREAS TO BE USED FOR TEMPORARY ROADWAY.
- THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH TRACK EQUIPMENT OR LOADED SCRAPERS.
- ALL EMBANKMENTS AND SUB- GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUB- BASE GRANULAR MATERIAL.

HMA SURFACE AND HMA BASE COURSE NOTES:

- HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, BASE COURSE, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
- THE MAXIMUM COMPACTED THICKNESS OF ANY LIFT OF HOT-MIX ASPHALT BINDER OR SURFACE COURSE SHALL BE 2.5 INCHES.
- THE MAXIMUM COMPACTED THICKNESS OF A LIFT OF HOT-MIX ASPHALT BASE COURSE SHALL BE FOUR (4) INCHES UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN BACK FILLED TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACT UNIT PRICES FOR ITEMS USED TO CONSTRUCT TEMPORARY PAVEMENT OR ACCESS ROADS SHALL INCLUDE ALL EQUIPMENT, LABOR AND MATERIAL REQUIRED TO PLACE, REMOVE, AND DISPOSE OF THE TEMPORARY PAVEMENT OR ACCESS ROAD.

STORM SEWERS, STRUCTURES, AND UTILITIES NOTES:

- THE CONTRACTOR SHALL MAINTAIN CONVEYANCE OF ALL FLOWS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, CULVERTS, AND OTHER DRAINAGE FACILITIES. 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 A PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME THAT THE PERMANENT DRAINAGE FACILITIES ARE IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE CONTRACT.
- THE STATION/ OFFSET/ ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES.
- PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED.
2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER, AND CABLE TELEVISION FACILITIES. (48 HOURS NOTICE REQUIRED)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OF THE VILLAGE. THIS WORK SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
- ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE STRUCTURE INVOLVED.
- THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER BEING CONNECTED.

PLAN	DATE
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DATE	
NO.	

PROFILE	DATE
SURVEYED	BY
PLOTTED	
CHECKED	
DATE	
NO.	

FILE NAME: ERGB1-sh1-gan-01.dgn



USER NAME = bhanrichs	DESIGNED -- BAH	REVISED --
PLLOT SCALE = 1.0000' / in.	DRAWN -- BAH	REVISED --
PLLOT DATE = 1/7/2016	CHECKED -- MAR	REVISED --
	DATE -- 10/9/2015	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	3
CONTRACT NO. G1C32			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

8. MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH FLAT TOPS WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATION AND INVERT ELEVATION IS LESS THAN SIX (6) FEET.
9. ALL MANHOLES AND INLETS SHALL HAVE POURED INVERTS. THE COST OF INVERTS SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.
10. TRENCHES CROSSING TRAFFIC LANES SHALL BE TEMPORARILY PATCHED WITH FOUR (4) INCHES HOT-MIX ASPHALT BASE COURSE; THE COST OF THE HOT-MIX ASPHALT BASE COURSE WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE SEWER, CULVERT, WATER MAIN, OR OTHER ITEM PLACED IN TRENCH. THIS PRICE SHALL INCLUDE THE COST OF MAINTAINING THE PATCH TO THE SATISFACTION OF THE ENGINEER.

WATER MAIN NOTES:

1. WATER MAIN SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5.5' BELOW FINISHED GRADE AND NO DEEPER THAN 8' FROM FINISHED GRADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY OF EVANSTON. WATER MAIN SHALL BE A MIN. OF 18" ABOVE SANITARY AND STORM SEWERS AND A MIN. OF 10' OF HORIZONTAL CLEARANCE FROM FACE OF WATER MAIN TO FACE OF SANITARY AND STORM SEWERS.
2. SERVICE LINES SHALL HAVE A MINIMUM OF 5.5' COVER AND A MAXIMUM OF 8' COVER. SERVICE LINES SHALL BE A MINIMUM OF 18" ABOVE SANITARY OR STORM SEWERS. COUPLINGS SHALL NOT BE INSTALLED UNDER PAVEMENT. WHEN INSTALLING A BACK LOOP OVER OR UNDER WATERMAIN, THE LOOP SHALL HAVE A MAXIMUM OF A 4' RADIUS.
3. CHANGES IN DIRECTION OF WATER MAIN SHALL BE INSTALLED WITH APPROVED RETAINER FITTINGS AND THRUST BLOCKING.
4. WATER MAIN SHALL NOT BE SLEEVED OR ENCASED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY OF EVANSTON.
5. ALL WATER MAIN SHALL BE WRAPPED. THE WRAPPING SHALL BE INSTALLED PER MANUFACTURER GUIDELINES. AFTER THE WRAPPING HAS BEEN REMOVED TO INSTALL SERVICE TAPS, LATERAL CONNECTION, ETC. THE WATER MAIN SHALL BE RE-WRAPPED WATER TIGHT USING BLACK VINYL TAPE MEETING ASTM D1000.
6. TESTING OF NEW WATER MAIN PRIOR TO FINAL ACCEPTANCE BY THE CITY SHALL BE IN ACCORDANCE WITH SECTION 41-2.13 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS AND THE SPECIAL PROVISIONS WITHIN THE CONTRACT DOCUMENTS. PRESSURE TESTING SHALL INCLUDE HYDRANTS BY PRESSURE TESTING AGAINST THE INTERNAL VALVE OF HYDRANT.
7. FOR WATERMAIN SHUT OFFS, THE CONTRACTOR SHALL NOT OPERATE ANY WATER VALVES, THE CONTRACTOR SHALL GIVE THE CITY A MINIMUM OF 48 HOURS NOTICE. THE CITY SHALL PROVIDE NOTIFICATION FORMS AND DETERMINE THE LIMIT OF THE AFFECTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF THE NOTIFICATION FORMS TO ALL AFFECTED RESIDENTS/BUSINES OWNERS AT LEAST 24 HOURS IN ADVANCE OF THE SHUT OFF.
8. NON-PREFORMED MASTIC SHALL BE USED BETWEEN ALL VALVE VAULT SECTIONS INCLUDING FROM THE TOP OF CONE OR FLAT TOP SECTIONS TO BOTTOM OF FRAME, AND ALL ADJUSTING RINGS. VALVES SHALL BE ALIGNED TO THE CENTER OF THE VAULT FRAME SECTION.
9. A WOOD STAKE 2 INCH BY 4 INCH BY 6 FEET LONG WITH NOT LESS THAN THE TOP 2 FEET PAINTED BLUE SHALL BE INSTALLED NEXT TO EACH VAULT, SERVICE BOX AND VALVE BOX IN THE PARKWAY. THE STAKE SHALL BE MAINTAINED IN AN UPRIGHT POSITION UNTIL CITY ACCEPTANCE.
10. TRENCH BACKFILL QUANTITY FOR WATER MAIN HAS BEEN COMPUTED BASED ON STANDARD DRAWINGS NUMBER ONE AND TWO OF THE STANDARD SPECIFICATIONS FOR WATER SEWER MAIN CONSTRUCTION IN ILLINOIS AND SHALL BE PAID FOR ON THE FOLLOWING BASIS:
6 AND 8 INCH DIAMETER: 0.47 C.Y./L.F.
12 INCH DIAMETER: 0.52 C.Y./L.F.
WATER SERVICE LINE: 0.19 C.Y./L.F.
11. THE TRENCH DEPTH IS THE DEPTH FROM THE SUBGRADE TO THE TOP OF SERVICE AND ANY REQUIRED BEDDING. ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED ABOVE, INCLUDING BEDDING MATERIAL, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

12. ALL FIRE HYDRANTS ARE TO BE CLOW MEDALION. ALL HYDRANTS ARE TO BE SUPPLIED WITH FACTORY INSTALLED 6" FLANGED AND MECHANICAL JOINT RESILIENT WEDGE AUXILIARY VALVE CONFORMING TO AWWA C500-80. VALVE SHALL WATEROUS M.J.. ALL BOLTS TO BE SERIES 300 STAINLESS STEEL ON HYDRANT AND VALVE. HYDRANTS SHALL BE INSTALLED WITH A BURY MARK AT GRADE LEVEL AND NO LOWER THAN 18" FROM THE CENTER OF STEAMER PORT TO FINAL GRADE. HYDRANTS SHALL BE INSTALLED PLUMB AND LEVEL. WHEN EXTENDING A HYDRANT THE "BREAK FLANGE" SHALL BE RELOCATED TO GRADE LEVEL. AUXILIARY VALVES SHALL OPEN IN A COUNTER-CLOCKWISE FASHION, BE KEYABLE AND TO GRADE, AND SHALL INCLUDE VALVE BOXES. EXTERNAL ABOVE-GRADE SURFACES OF FIRE HYDRANTS SHALL BE COATED BY THE MANUFACTURER WITH ONE COAT OF ALKYD BASED, LEAD AND CHROME-FREE BUFF PRIMER AND TWO COATS OF ALKYD BASED, CHAIN-STOPPED GLOSS ENAMEL CONFORMING TO WATEROUS M4182, FEDERAL SAFETY YELLOW HYDRANT ENAMEL. HYDRANTS HAVING BEEN COATED WITH ANY OTHER COATING OR COLOR SHALL NOT BE ACCEPTED.

STRUCTURE NOTES:

1. THE ILLINOIS DEPARTMENT OF TRANSPORTATION IS THE OWNER OF RECORD FOR THE BRIDGE CARRYING GREEN BAY ROAD OVER THE NORTH SHORE CHANNEL. FOR INFORMATION REGARDING THE EXISTING STRUCTURE SEE RECORD PLANS WITHIN PLAN SET.
2. THE UNION PACIFIC RAILROAD IS THE OWNER OF RECORD FOR THE RAILROAD VIADUCT OVER EMERSON STREET AND RIDGE AVENUE. FOR INFORMATION REGARDING THE EXISTING STRUCTURE SEE RECORD PLANS WITHIN PLAN SET.
3. SUBWAY TILE SHALL BE INSTALLED ON THE EMERSON STREET AND RIDGE AVENUE ABUTMENT WALLS OF THE UNION PACIFIC RAILROAD VIADUCT.

LANDSCAPING NOTES:

1. CONTRACTOR SHALL PROVIDE SPADE EDGES FOR ALL SODDING AREA ABUTTING EXISTING TREES BY MAINTAINING A MINIMUM 5' DIAMETER MULCH BED AROUND EACH EXISTING TREE.

TRAFFIC SIGNAL NOTES:

1. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE TO THE DEPTH AS LABELED ON THE PROPOSED TRAFFIC SIGNAL PLAN SHEETS.

MWRD NOTES:

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).
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 0 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.

PLAN	SURVEYED	BY	DATE
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NO.	GRADES CHECKED		
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	PAID FILE NAME		

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	STRUCTURE NOTATIONS CHECKED		

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	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	4
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

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 SPECIFICATION	JOINT SPECIFICATION
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-2672 OR ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3212
14-INCH TO 48-INCH	AWWA C905	ASTM D-3212

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.

9. "BAND SEAL" OR SIMILAR NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR MATERIALS.

10. BELOW THE FLOOD PROTECTION ELEVATION (FPE = BFE + 2 FEET), ALL SANITARY SEWER MANHOLES AND STRUCTURES 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 ("SHEWER-TAP" MACHINE OR SIMILAR) 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 "BAND SEAL" OR SIMILAR 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 ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE

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.

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 ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE

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.

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. 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.

10. 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.

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

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

13. 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.

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

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

16. 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.

17. 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.

18. 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.

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

20. 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.

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

22. 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.

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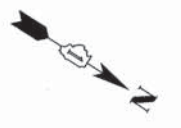
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

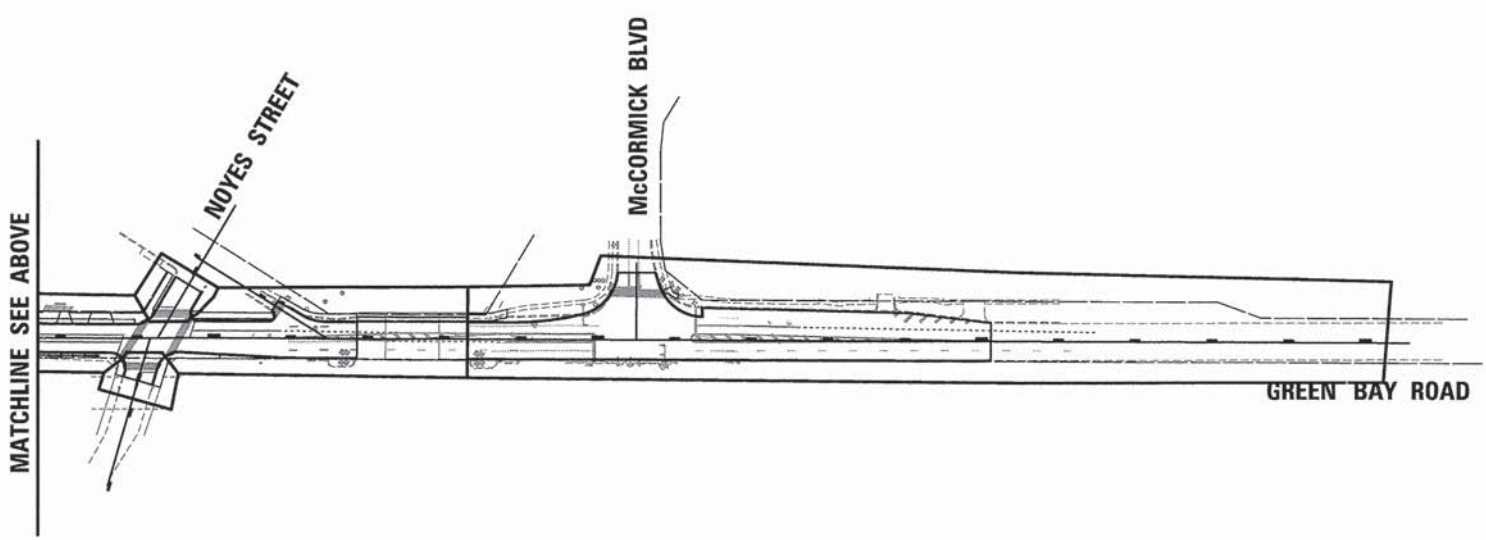
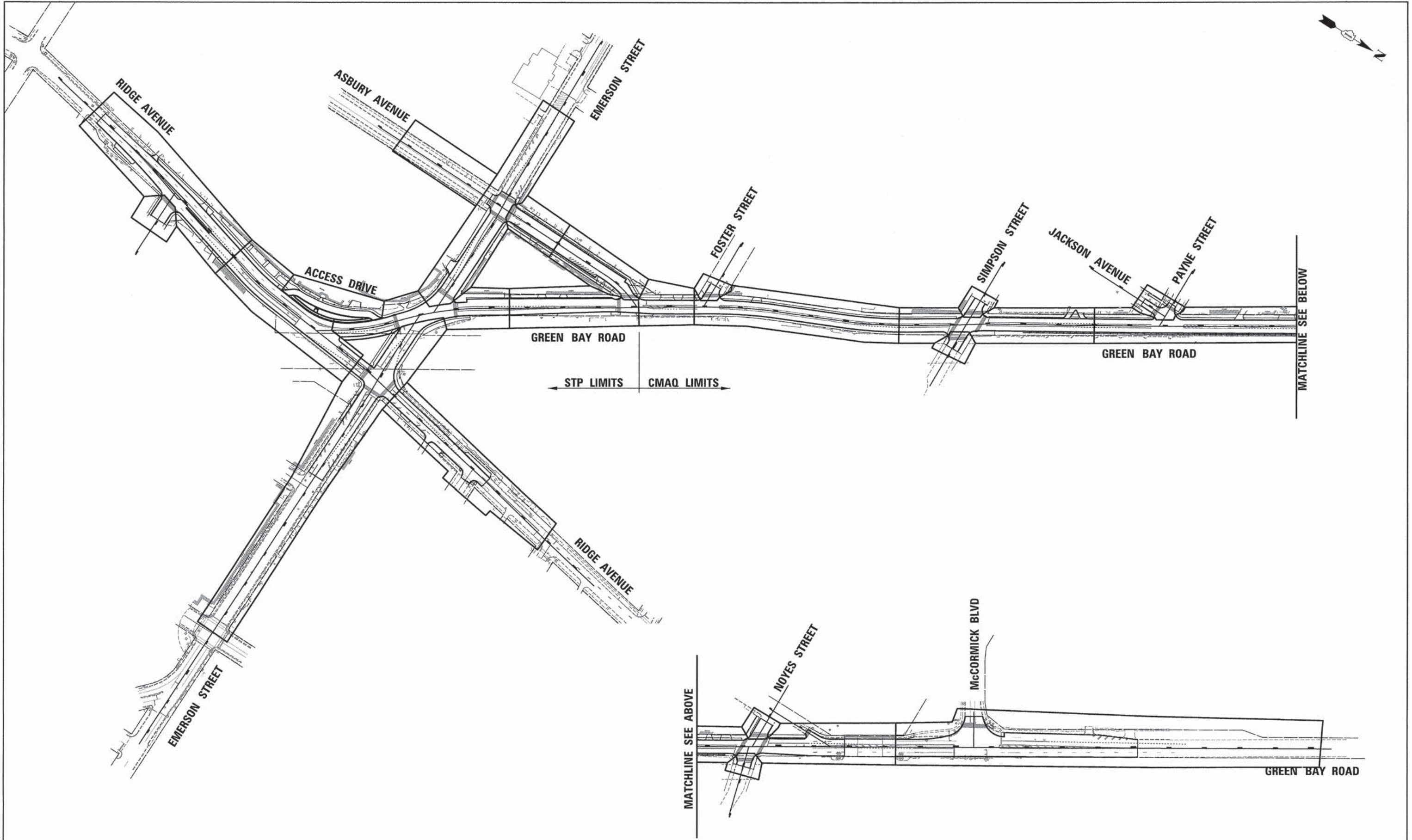
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	5
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	BY	DATE
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NOTE:
SHEET LIMITS AND LIMITS OF QUANTITIES

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USER NAME = bhanricha	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED -
PLOT SCALE = 125.0003' / 1"	CHECKED - MAR	REVISED -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEY MAP

SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	6
CONTRACT NO. 01C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE												
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)	
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289	
Δ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	168	72	96											
20101000	TEMPORARY FENCE	FOOT	512												512	
Δ 20101100	TREE TRUNK PROTECTION	EACH	20												20	
Δ 20101200	TREE ROOT PRUNING	EACH	20												20	
20200100	EARTH EXCAVATION	CU YD	1495	485	1010											
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	200	200												
20400800	FURNISHED EXCAVATION	CU YD	1760	1760												
20700220	POROUS GRANULAR EMBANKMENT	CU YD	200	200												
20800150	TRENCH BACKFILL	CU YD	4300				305	1150	95			2750				
20900110	POROUS GRANULAR BACKFILL	CU YD	360	360												
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4604	4604												
21301060	EXPLORATION TRENCH 60" DEPTH	FOOT	200	100	100											
Δ 25000210	SEEDING, CLASS 2A	ACRE	0.25												0.25	
Δ 25000350	SEEDING, CLASS 7	ACRE	0.75	0.25	0.50											

Δ SPECIALTY ITEMS

PLAN SURVEYED _____
 PLOTTED _____
 GRADES CHECKED _____
 STRUCTURE NOTATIONS CHECKED _____
 NOTE BOOK NO. _____
 FILE NAME _____

PROFILE SURVEYED _____
 PLOTTED _____
 GRADES CHECKED _____
 STRUCTURE NOTATIONS CHECKED _____
 NOTE BOOK NO. _____
 FILE NAME _____



USER NAME = bhansr:chs
 DESIGNED - BAH
 DRAWN - BAH
 PLOT SCALE = 1:8000' / 1".
 PLOT DATE = 1/28/2016
 CHECKED - MAR
 DATE - 10/9/2015
 REVISED - -
 REVISED - -
 REVISED - -
 REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	7
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

FILE NAME: ER08BL-sh.t.dwg

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)
				0004	0004	0021	0043	0043	0043	0021	0021	0043	0021	0031	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	S.N. 0289
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	14											14	
Δ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	14											14	
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	14											14	
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	709											709	
Δ 25200110	SODDING, SALT TOLERANT	SQ YD	2820											2820	
Δ 25200200	SUPPLEMENTAL WATERING	UNIT	20	20											
28000400	PERIMETER EROSION BARRIER	FOOT	421											421	
28000500	INLET AND PIPE PROTECTION	EACH	118											118	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	5072	5051	21	0									
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	10235	5354	4049	832									
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	5526	5471	53	2									
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	174315	138648	31838	3829									
40600537	LEVELING BINDER (HAND METHOD), IL-9.5FG, N70	TON	6.2	6.2											
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	328.0	328											

Δ SPECIALTY ITEMS

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTE BOOK NO.	
	FILE NAME	

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

FILE NAME: ER081-sh1-sum_02.dgn

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 1000 N. WILSON AVENUE, SUITE 100
 DEERFIELD, IL 60015
 (847) 440-1000
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USER NAME = bhensicha	DESIGNED - BAH	REVISED - -
PLLOT SCALE = 1.0000' / 1IN	DRAWN - BAH	REVISED -
PLLOT DATE = 1/28/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 2 OF 20 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	8
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)
				0004	0004	0021	0043	0043	0043	0021	0021	0043	0021	0031	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	S.N. 0289
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1466	432	1034										
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	102.0	102.0											
40600990	TEMPORARY RAMP	SQ YD	187	187											
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	4050	1608	2184	258									
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3088	1460	1456	172									
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1615	922	515	178									
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	53504.5	27022.5	23480.0	3002.0									
42400800	DETECTABLE WARNINGS	SQ FT	488	253	202	33									
44000100	PAVEMENT REMOVAL	SQ YD	15716	11828	3553	335									
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	25004	7883	16005	1116									
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	103	61	37	5									
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	12246	5887	5864	495									
44000600	SIDEWALK REMOVAL	SQ FT	44568	23801	17654	3113									
44003100	MEDIAN REMOVAL	SQ FT	3294	3294											

Δ SPECIALTY ITEMS

PLAN
SURVEYED _____
ALIGNMENT CHECKED _____
RT. OF WAY CHECKED _____
NO. _____
DATE _____
BY _____
FILE NAME: ERGBL_shtL.sum_B3.dgn

PROFILE
SURVEYED _____
GRADES CHECKED _____
B.M. NOTED _____
STRUCTURE NOTATIONS CHECKED _____
NO. _____
DATE _____
BY _____

FILE NAME: ERGBL_shtL.sum_B3.dgn

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ES: Excellence, Service, Integrity

USER NAME = bhenrichs	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1:8000 / 1" = 80'	DRAWN - BAH	REVISED -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: _____	SHEET 3 OF 20 SHEETS	STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	9
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)
				0004	0004	0021	0043	0043	0043	0021	0021	0043	0021	0031	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	S.N. 0289
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	4,576	2052			260	689	71			1504			
44213200	SAW CUTS	FOOT	8943	3363	4727	853									
44213202	TIE BARS 1"	EACH	5895	3292	2603										
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	22560	10770	9990	1800									
50102400	CONCRETE REMOVAL	CU YD	48.2	12.9											35.3
50157300	PROTECTIVE SHIELD	SQ YD	210												210
50300255	CONCRETE SUPERSTRUCTURE	CU YD	54.7												54.7
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	8026												8026
50800515	BAR SPLICERS	EACH	58												58
Δ 50901750	PARAPET RAILING	FOOT	144.0												144
50901760	PIPE HANDRAIL	FOOT	12.0									12.0			
52000110	PREFORMED JOINT STRIP SEAL	FOOT	126												126
55100400	STORM SEWER REMOVAL 10"	FOOT	172					172							
Δ 56100030	DUCTILE IRON WATER MAIN TEE, 10" X 6"	EACH	4									4			

Δ SPECIALTY ITEMS

PLAN SURVEYED, PLOTTED, CHECKED, FILED, DATE, BY, NOTE BOOK NO., CHECKED BY, FILE NAME

PROFILE SURVEYED, PLOTTED, CHECKED, FILED, DATE, BY, NOTE BOOK NO., CHECKED BY, STRUCTURE NOTATIONS CHFD

FILE NAME: EROB1...sh1...sum...B4.dgn

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 2025 N. JOLIET STREET, SUITE 100
 JOLIET, IL 61781
 815-741-1100
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USER NAME = bharrucha	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1:8000 / 1/4"	DRAWN - BAH	REVISED -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 4 OF 20 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	10
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)
				0004	0004	0021	0043	0043	0043	0021	0021	0043	0021	0031	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	S.N. 0289
Δ 56100035	DUCTILE IRON WATER MAIN TEE, 10" X 8"	EACH	1									1			
Δ 56100050	DUCTILE IRON WATER MAIN TEE, 12" X 6"	EACH	6									6			
Δ 56100065	DUCTILE IRON WATER MAIN TEE, 12" X 12"	EACH	3									3			
Δ 56101154	DUCTILE IRON WATER MAIN REDUCER, 10" X 6"	EACH	2									2			
Δ 56101158	DUCTILE IRON WATER MAIN REDUCER, 12" X 6"	EACH	2									2			
Δ 56101162	DUCTILE IRON WATER MAIN REDUCER, 12" X 10"	EACH	2									2			
Δ 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	147									147			
Δ 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	21									21			
Δ 56103200	DUCTILE IRON WATER MAIN 10"	FOOT	1408									1408			
Δ 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	1807									1807			
Δ 56104900	WATER VALVES 6"	EACH	2									2			
Δ 56105000	WATER VALVES 8"	EACH	1									1			
Δ 56105100	WATER VALVES 10"	EACH	6									6			
Δ 56105200	WATER VALVES 12"	EACH	11									11			

Δ SPECIALTY ITEMS

PLAN SURVEYED BY DATE
 NOTE BOOK NO. _____
 ALIGNMENT CHECKED _____
 RT. OF WAY CHECKED _____
 PLOD FILE NAME _____

PROFILE SURVEYED BY DATE
 NOTE BOOK NO. _____
 GRADES CHECKED _____
 B.M. NOTED _____
 STRUCTURE NOTATIONS CHECKED _____

FILE NAME: ER081_011_01_05.dgn

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 DEERFIELD, IL 60015
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USER NAME = bhenrichs	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1:8000' / 1"	DRAWN - BAH	REVISED - -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: _____	SHEET 5 OF 20 SHEETS	STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	11
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)
				0004	0004	0021	0043	0043	0043	0021	0021	0043	0021	0031	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	S.N. 0289
Δ 56109420	DUCTILE IRON WATER MAIN FITTINGS 8" 45.00 DEGREE BEND	EACH	1									1			
Δ 56109422	DUCTILE IRON WATER MAIN FITTINGS 10" 45.00 DEGREE BEND	EACH	45									45			
Δ 56109424	DUCTILE IRON WATER MAIN FITTINGS 12" 45.00 DEGREE BEND	EACH	23									23			
Δ 56109438	DUCTILE IRON WATER MAIN FITTINGS 12" 90.00 DEGREE BEND	EACH	2									2			
Δ 56500700	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	EACH	28									28			
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	54				15	36	3						
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2					2							
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	29				7	20	2						
Δ 60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	20									20			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	20				20								
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1				1								
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2				1	1							
Δ 60255410	CATCH BASINS TO BE CLEANED	EACH	1						1						
60255500	MANHOLES TO BE ADJUSTED	EACH	51				51								

Δ SPECIALTY ITEMS

PLAN
 SUBMITTED _____
 PLOTTED _____
 CHANGES CHECKED _____
 DATE _____
 BY _____
 NO. _____

PROFILE
 SUBMITTED _____
 PLOTTED _____
 CHANGES CHECKED _____
 DATE _____
 BY _____
 NO. _____



USER NAME = bhenr1cha
 DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 DATE - 10/9/2015
 PLOT SCALE = 1.0000' / 1" =
 PLOT DATE = 1/28/2016

REVISED - -
 REVISED - -
 REVISED - -
 REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	12
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

FILE NAME: ER081_eht_sum_06.dgn

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)
				0004	0004	0021	0043	0043	0043	0021	0021	0043	0021	0031	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	S.N. 0289
60260100	INLETS TO BE ADJUSTED	EACH	1				1								
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1				1								
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1				1								
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	44	6	1		12	23	2						
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	47				24	23							
60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	1				1								
Δ 60300405	VALVE BOX FRAMES TO BE ADJUSTED	EACH	1									1			
Δ 60300410	VALVE BOX FRAMES TO BE ADJUSTED WITH NEW FRAMES	EACH	1									1			
60402210	GRATES, TYPE 8	EACH	1				1								
60403800	LIDS, TYPE 1, CLOSED LID	EACH	1				1								
60500060	REMOVING INLETS	EACH	1				1								
60600605	CONCRETE CURB, TYPE B	FOOT	817.7	816.1	1.6										
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	11234.5	4163.5	6498.0	573.0									
60604000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DOWELLED)	FOOT	1749.0	1749.0											

Δ SPECIALTY ITEMS

PLAN SURVEYED _____
 PLOTTED _____
 GRADES CHECKED _____
 STRUCTURE CHECKED _____
 NOTE BOOK NO. _____
 DATE _____

PROFILE SURVEYED _____
 PLOTTED _____
 GRADES CHECKED _____
 STRUCTURE CHECKED _____
 NOTE BOOK NO. _____
 DATE _____

FILE NAME: ER081.sh.t.dwg



USER NAME = bhenrscha	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1:8000' / 1"	DRAWN - BAH	REVISED -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: _____	SHEET 7 OF 20 SHEETS	STA. _____	TO STA. _____

F.A. RTE. _____	SECTION 13-00270-00-CH	COUNTY COOK	TOTAL SHEETS 393	SHEET NO. 13
			CONTRACT NO. 61C32	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)		
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3075	2899	176												
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	1582	1582													
Δ 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1		1												
Δ 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2		2												
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1		1												
Δ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1288	867	421												
Δ 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1									1					
Δ 66900530	SOIL DISPOSAL ANALYSIS	EACH	10									10					
67100100	MOBILIZATION	LSUM	1	0.33	0.34	0.33											
70300100	SHORT TERM PAVEMENT MARKING	FOOT	15340	7180	6960	1200											
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	84100	70811	8042	5247											
72000100	SIGN PANEL - TYPE 1	SQ FT	400	84	69						150	91					
72000200	SIGN PANEL - TYPE 2	SQ FT	5	5													

Δ SPECIALTY ITEMS

PLAN SURVEYED _____
 ALIGNED _____
 CHECKED _____
 BY _____
 DATE _____

PROFILE SURVEYED _____
 GRADES _____
 CHECKED _____
 BY _____
 DATE _____

FILE NAME: ER081_ah1_sum_06.dgn



USER NAME = bhenrichs
 DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 DATE - 10/9/2015

REVISIONS
 REVISED - -
 REVISED - -
 REVISED - -
 REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 8 OF 20 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	14
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)		
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289		
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	50	50													
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	50	50													
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	186	117	52	17											
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1													
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	240	100	140												
Δ 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	736	303	433												
Δ 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	21190	10705	8921	1564											
Δ 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	5386	2720	2489	177											
Δ 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	3117	539	2308	270											
Δ 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	648	648													
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	17	17													
Δ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	1		1												
78300100	PAVEMENT MARKING REMOVAL	SQ FT	35789	19304	14904	1581											
Δ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1											

Δ SPECIALTY ITEMS

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

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

FILE NAME: ER081_ah1_sum_8f.dgn



USER NAME = bhenrichs
 DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 DATE - 10/9/2015
 PLOT SCALE = 1/8000' / 1" =
 PLOT DATE = 1/28/2016

REVISED - -
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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 9 OF 20 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	15
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)	
				0004	0004	0021	0043	0043	0043	0021	0021	0043	0021	0031	0004	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	S.N. 0289	
Δ 80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1			1										
Δ 80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1										1			
Δ 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	7							4	3					
Δ 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	8312							3398	3759		1155			
Δ 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	606							90	516					
Δ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	319							203	116					
Δ 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2602							1847	755					
Δ 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8065			4541							3524			
Δ 81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	155										155			
Δ 81300320	JUNCTION BOX STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"	EACH	2										2			
Δ 81400100	HANDHOLE	EACH	16	5		4				1			6			
Δ 81400200	HEAVY-DUTY HANDHOLE	EACH	17							13	4					
Δ 81400300	DOUBLE HANDHOLE	EACH	7							4	3					
Δ 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	86829			47712							39117			

Δ SPECIALTY ITEMS

PLAN SURVEYED _____
 PLOTTED _____
 GRADES CHECKED _____
 STRUCTURE NOTATIONS CHKD _____
 NOTE BOOK NO. _____
 DATE _____

PROFILE SURVEYED _____
 PLOTTED _____
 GRADES CHECKED _____
 STRUCTURE NOTATIONS CHKD _____
 NOTE BOOK NO. _____
 DATE _____

FILE NAME: ER081.sh't, sum_10.dgn

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USER NAME = bharrsch	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1,0000' / 1" =	DRAWN - BAH	REVISED - -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: _____	SHEET 10 OF 20 SHEETS	STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C32	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)
				0004	0004	0021	0043	0043	0043	0021	0021	0043	0021	0031	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	S.N. 0289
Δ 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	630			380							250		
Δ 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	74			46							28		
Δ 84200804	REMOVAL OF POLE FOUNDATION	EACH	74			40							34		
Δ 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1			1									
Δ 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1			1									
Δ 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1			1									
Δ 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	6							4	2				
Δ 85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	11							7	4				
Δ 85100600	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	21							13	8				
Δ 85100701	PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	EACH	4							1	3				
Δ 86400100	TRANSCEIVER - FIBER OPTIC	EACH	7								7				
Δ 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4187								4187				
Δ 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	7527							4830	2697				
Δ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	8897							4918	3979				

Δ SPECIALTY ITEMS

PLAN
 SURVEYED _____
 CHECKED _____
 ALIGNED _____
 RT. OF WAY CHECKED _____
 NO. _____
 FILE NAME _____

PROFILE
 SURVEYED _____
 CHECKED _____
 BAL. NOTED _____
 STRUCTURE NOTATION CHKD _____

FILE NAME: ERG01_sht_sum_11.dgn

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USER NAME = bhenrichs	DESIGNED - BAH	REVISED - -
PLLOT SCALE = 1:8000' / 1" =	DRAWN - BAH	REVISED - -
PLLOT DATE = 1/28/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: _____	SHEET 11 OF 20 SHEETS	STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	17
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)
				0004	0004	0021	0043	0043	0043	0021	0021	0043	0021	0031	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	S.N. 0289
Δ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	12208							6592	5616				
Δ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3139							2086	1053				
Δ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5441							1910	3531				
Δ 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	2078							1491	587				
Δ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	6497							4555	1942				
Δ 87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	2							2					
Δ 87501000	TRAFFIC SIGNAL POST, 14 FT.	EACH	6							4	2				
Δ 87501400	TRAFFIC SIGNAL POST, 18 FT.	EACH	3							1	2				
Δ 87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1							1					
Δ 87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	2							1	1				
Δ 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2							1	1				
Δ 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	2							2					
Δ 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	4							3	1				
Δ 87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	3							2	1				

Δ SPECIALTY ITEMS

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

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

FILE NAME: ER081.dwg, sun, 12.dgn

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USER NAME = bhenrichs	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1:80000 ' / 1"	DRAWN - BAH	REVISED - -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	18
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)		
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289		
Δ 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	4									2	2				
Δ 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	3									1	2				
Δ 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1										1				
Δ 87700404	STEEL MAST ARM ASSEMBLY AND POLE, 62 FT.	EACH	1									1					
Δ 87702190	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 16 FT. AND 28 FT.	EACH	1										1				
Δ 87702208	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 20 FT. AND 26 FT.	EACH	1										1				
Δ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	44									28	16				
Δ 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	28									16	12				
Δ 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	233									144	89				
Δ 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	143									43	100				
Δ 88030010	SIGNAL HEAD, LED, 1-FACE, 1-SECTION, MAST-ARM MOUNTED	EACH	1									1					
Δ 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	42									22	20				
Δ 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3									1	2				
Δ 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2										2				

Δ SPECIALTY ITEMS

PLAN

DATE: _____ BY: _____

NOTED: _____ CHECKED: _____

NOTE BOOK NO. _____

PROFILE

DATE: _____ BY: _____

NOTED: _____ CHECKED: _____

NOTE BOOK NO. _____

FILE NAME: ERGB1.shx, num_13.dgn



USER NAME = bhenricha

DESIGNED - BAH

DRAWN - BAH

CHECKED - MAR

DATE - 10/9/2015

REVISER -

REVISER -

REVISER -

REVISER -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 13 OF 20 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	19
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)		
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289		
Δ 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	12								9	3					
Δ 88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	13								6	7					
Δ 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	8								7	1					
Δ 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8								6	2					
Δ 88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16								7	9					
Δ 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	54								31	23					
Δ 88500100	INDUCTIVE LOOP DETECTOR	EACH	41								25	16					
Δ 88600100	DETECTOR LOOP, TYPE I	FOOT	5088								3645	1443					
Δ 88700200	LIGHT DETECTOR	EACH	21								13	8					
Δ 88700300	LIGHT DETECTOR AMPLIFIER	EACH	7								4	3					
Δ 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	6								4	2					
Δ 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6								4	2					
Δ 89502380	REMOVE EXISTING HANDHOLE	EACH	26								18	8					
Δ 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	4								2	2					

Δ SPECIALTY ITEMS

DATE _____ BY _____
 SURVEYED _____
 ALIGNED _____
 CHECKED _____
 PLAN NO. _____
 NOTE BOOK NO. _____
 FILE NAME _____

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 PROFILE NO. _____
 NOTE BOOK NO. _____
 STRUCTURE NOTATIONS CHKD _____

FILE NAME: ER081_sht_sum_14.dgn

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USER NAME = bhenrichs	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1.0000' / 1in.	DRAWN - BAH	REVISED - -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: _____	SHEET 14 OF 20	SHEETS STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	20
			CONTRACT NO.	61C32
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE												
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)	
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N.0289	
Δ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	41								24	17				
Δ 89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	2									2				
Δ A2005960	TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATION! LONDON PLANETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	27												27	
Δ A2018620	TREE, ULMUS CARPINIFOLIA MORTON, (ACCOLADE ELM HYBRID), 3" CALIPER, BALLED AND BURLAPPED	EACH	20												20	
Δ K0012974	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3" POT	UNIT	36												36	
Δ K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	104												104	
Δ K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	3												3	
LR430040	PAVING BRICK SIDEWALK	SQ YD	769	31											738	
Δ X0322782	SANITARY SEWER, PVC (D3034) SDR 26, 8"	FOOT	713				223	425	65							
X0322924	RETAINING WALL REMOVAL	SQ FT	755	755												
Δ X0323071	SPARE FULL ACTUATED CONTROLLER, SPECIAL	EACH	1			1										
Δ X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	5180								3477	1703				
Δ X0325340	FIRE HYDRANT WITH 6" VALVE AND VALVE BOX	EACH	11										11			
Δ X0326712	ABANDON AND FILL EXISTING SANITARY SEWER	EACH	24						24							

Δ SPECIALTY ITEMS

DATE _____ BY _____
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 NOTE BOOK _____
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 CADD FILE NAME _____

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 NO. _____
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 B.A.M. NOTED _____
 STRUCTURE NOTATIONS CHYD _____

FILE NAME: ER081_011_sum_15.dgn

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)		
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289		
Δ X0326885	VIDEO DETECTION SYSTEM	EACH	1									1					
Δ X0326981	ENGINEERED SOIL FURNISH AND PLACE (SPECIAL)	CU YD	540												540		
Δ X0327078	REMOVE FIRE HYDRANT AND VALVE ASSEMBLY	EACH	6									6					
Δ X0327369	SANITARY SEWER, DUCTILE IRON, 10"	FOOT	67					67									
Δ X0327420	SANITARY SEWER, DUCTILE IRON, 8"	FOOT	1244				313	849	82								
Δ X0327720	12" DUCTILE IRON FITTINGS	EACH	1									1					
Δ X0539700	TREE FRAME AND GRATE	EACH	38												38		
Δ X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	7								4	3					
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	6643	958	5683	2											
X440A300	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (COLD MILLING) VARIABLE DEPTH	SQ YD	1468.5	1468.5													
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	27005	8514	17285	1206											
Δ X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	300										300				
Δ X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	107										107				
Δ X5610660	WATER MAIN TO BE ABANDONED, 10"	FOOT	1059										1059				

Δ SPECIALTY ITEMS

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	

FILE NAME: EDCBL1.dwg

ESI CONSULTANTS, LTD.
 1275 N. WELLS STREET, SUITE 100
 CHICAGO, IL 60610
 312.467.1200
 www.esiconsultants.com

USER NAME = bherrichs	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1:8000	DRAWN - BAH	REVISED - -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 16 OF 20 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	22
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE											
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289
Δ X5610662	WATER MAIN TO BE ABANDONED, 12"	FOOT	1667									1667			
Δ X5620116	WATER SERVICE CONNECTION (SHORT)	EACH	19									19			
Δ X5620118	WATER SERVICE CONNECTION (LONG)	EACH	9									9			
Δ X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	19									19			
Δ X5630010	CUT AND CAP EXISTING 10" WATER MAIN	EACH	2									2			
Δ X5630012	CUT AND CAP EXISTING 12" WATER MAIN	EACH	4									4			
Δ X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	7									7			
Δ X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	1									1			
Δ X5630710	CONNECTION TO EXISTING WATER MAIN 10"	EACH	2									2			
Δ X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	7									7			
Δ X6026622	VALVE VAULTS TO BE REMOVED	EACH	16									16			
Δ X6026632	VALVE BOXES TO BE REMOVED	EACH	9									9			
X6050040	REMOVING MANHOLES, SPECIAL	EACH	4	4											
X6050210	FILLING CATCH BASINS, SPECIAL	EACH	28	28											

Δ SPECIALTY ITEMS

PLAN SURVEYED _____ DATE _____
 NOTE BOOK _____ BY _____
 NO. _____
 ALIGNMENT CHECKED _____
 RT. OF WAY CHECKED _____
 FOOD FILE NAME _____

PROFILE SURVEYED _____ DATE _____
 NOTE BOOK _____ BY _____
 NO. _____
 GRADES CHECKED _____
 B.M. NOTED _____
 STRUCTURE NOTATIONS CHECKED _____

FILE NAME: ER081_aht_sum_17.dgn



USER NAME = bhenr1cha
 PLOT SCALE = 1.0000' / 1in.
 PLOT DATE = 1/28/2016

DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 DATE - 10/9/2015

REVISED - -
 REVISED - -
 REVISED - -
 REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 17 OF 20 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	23
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)				
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289				
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	12														12		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	0														
Δ X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	806	486	289	31													
Δ X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	21191	10705	8922	1564													
Δ X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	4704	1510	443	2751													
X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	13									13							
Δ X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	12			12													
Δ X8250500	LIGHTING UNIT COMPLETE, SPECIAL	EACH	24			10											14		
Δ X8300001	LIGHT POLE, SPECIAL	EACH	39			28											11		
Δ X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1									1							
Δ X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	7								4	3							
Δ X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	4187									4187							
Δ X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	40								20	20							
Δ X8950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	1														1		

Δ SPECIALTY ITEMS

PLAN
DATE: _____ BY: _____
SURVEYED _____
ALIGNED _____
CHECKED _____
BY: _____
NO. _____

PROFILE
DATE: _____ BY: _____
SURVEYED _____
GRADES CHECKED _____
B.M. NOTED _____
STRUCTURE NOTATION CHKD _____
NO. _____

FILE NAME: ER081.sh1.sum.18.dgn

ESI CONSULTANTS, LTD.
 1015 N. JOLI STREET, SUITE 100
 JOLI, ILLINOIS 62450
 618-451-1100
 www.esiconsultants.com

USER NAME = bhenrichs
 DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 DATE - 10/9/2015
 PLOT SCALE = 1:2000' / 1"=100'
 PLOT DATE = 1/28/2016

DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 DATE - 10/9/2015
 REVISED - -
 REVISED - -
 REVISED - -
 REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 18 OF 20 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	24
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE												
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)	
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289	
Δ XX001465	SANITARY SEWER, PVC 10"	FOOT	120				29	91								
Δ XX001466	SANITARY SEWER, PVC, 12"	FOOT	234					234								
XZ127902	RETAINING WALL, SPECIAL	SQ FT	651	651												
ZD012450	CONCRETE STEPS	CU YD	2.5	2.5												
ZD018900	DRILL AND GROUT DOWEL BARS	EACH	5200	2945	2255											
Δ ZD033024	MAINTAIN EXISTING LIGHTING SYSTEM	LSUM	1										1			
ZD048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1												
ZD056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	487									487				
ZD056606	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	21									21				
ZD056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	82									82				
ZD062456	TEMPORARY PAVEMENT	SQ YD	397	397												
Δ ZD067200	STEEL CASINGS 10"	FOOT	45									45				
Δ ZD067300	STEEL CASINGS 12"	FOOT	6									6				
Δ ZD067400	STEEL CASINGS 14"	FOOT	153									153				

Δ SPECIALTY ITEMS

PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	RT. OF WAY CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	BY	
	STRUCTURE NOTATION	

FILE NAME: ERGB1_eht_sum_19.dgn

ESI CONSULTANTS, LTD.
 1075 N. WISCONSIN STREET, SUITE 100
 DEARBORN, IL 60015
 www.esi.com

USER NAME = bhenricha	DESIGNED - BAH	REVISED - -
PLLOT SCALE = 1.0000' / 1"=1'	DRAWN - BAH	REVISED -
PLLOT DATE = 1/28/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE: _____	SHEET 19 OF 20 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	25
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				ROADWAY (STP)	ROADWAY (CMAQ)	ROADWAY / LIGHTING (100% LOCAL)	SEWER (STP)	SEWER (CMAQ)	SEWER (100% LOCAL)	TRAFFIC SIGNALS (STP)	TRAFFIC SIGNALS (CMAQ)	WATER MAIN (100% LOCAL)	LIGHTING (100% LOCAL)	LANDSCAPING (100% LOCAL)	BRIDGE (100% LOCAL)		
				0004 URBAN	0004 URBAN	0021 URBAN	0043 URBAN	0043 URBAN	0043 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	0021 URBAN	0031 URBAN	0004 S.N. 0289		
Δ Z0067500	STEEL CASINGS 16"	FOOT	62											62			
Δ Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	7									4	3				
* Z0076600	TRAINEES	HOUR	1000	500	500												
* Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	500	500												
Δ XX009084	LIGHTING UNIT COMPLETE, SPECIAL, FURNISH	EACH	2												2		
Δ XX009085	LIGHT POLE, SPECIAL, FURNISH	EACH	2												2		
Δ XX009086	STRUCTURE REHABILITATION (SPRAY-ON LINING), 48"	FOOT	540							540							
Δ XX009087	STRUCTURE REHABILITATION (CURED IN PLACE LINING), 48"	FOOT	75							75							

Δ SPECIALTY ITEMS
* 0042

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

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

FILE NAME: ERGB1.sh's.sum_20.dgn



USER NAME = bhanvsoha	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1:8000' / 1"=	DRAWN - BAH	REVISED - -
PLOT DATE = 1/28/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

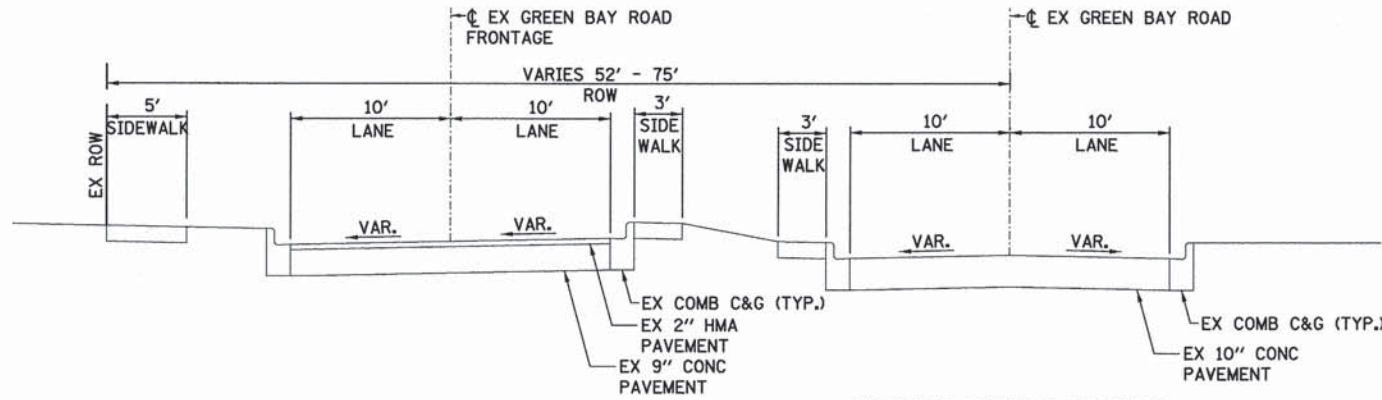
SUMMARY OF QUANTITIES			
SCALE: _____	SHEET 20 OF 20 SHEETS	STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	26
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

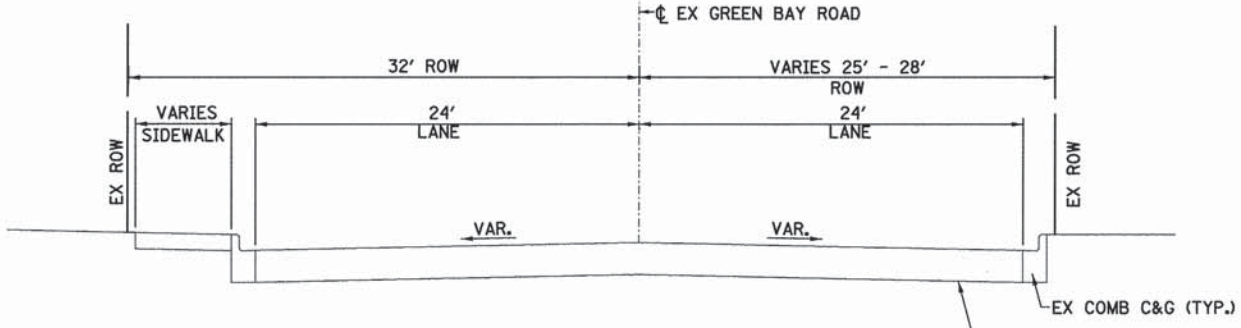
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	

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

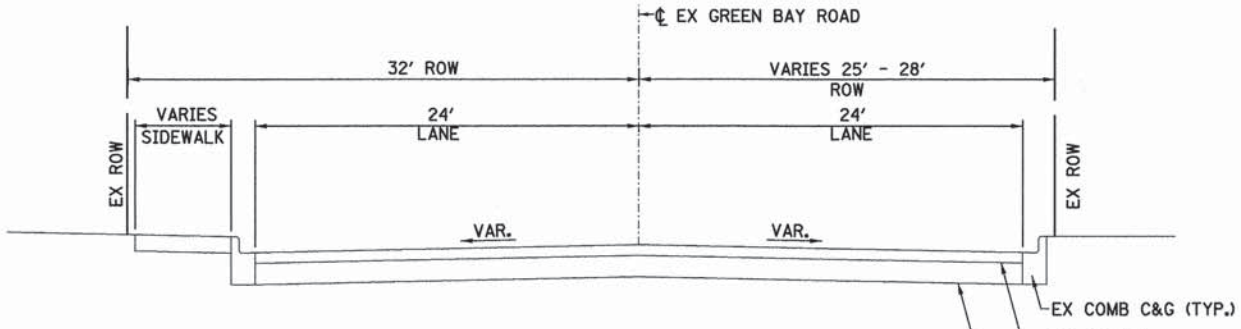
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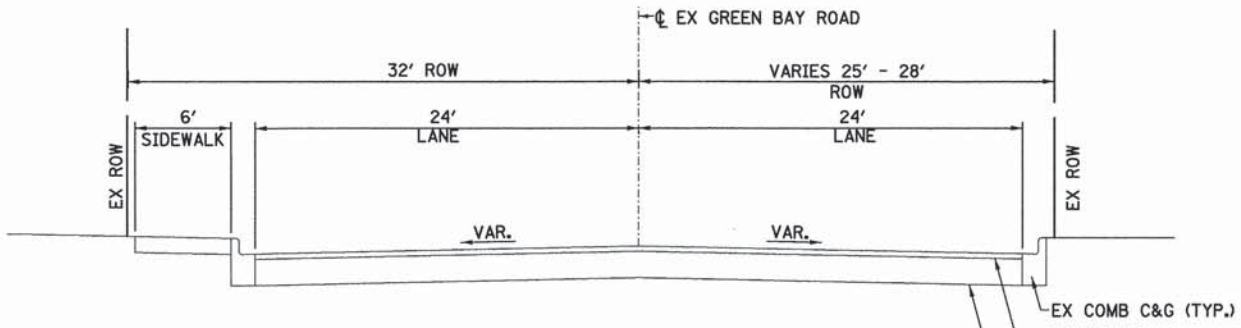
**EXISTING TYPICAL SECTION
GREEN BAY ROAD**
STA. 1000+00 TO STA. 1002+60



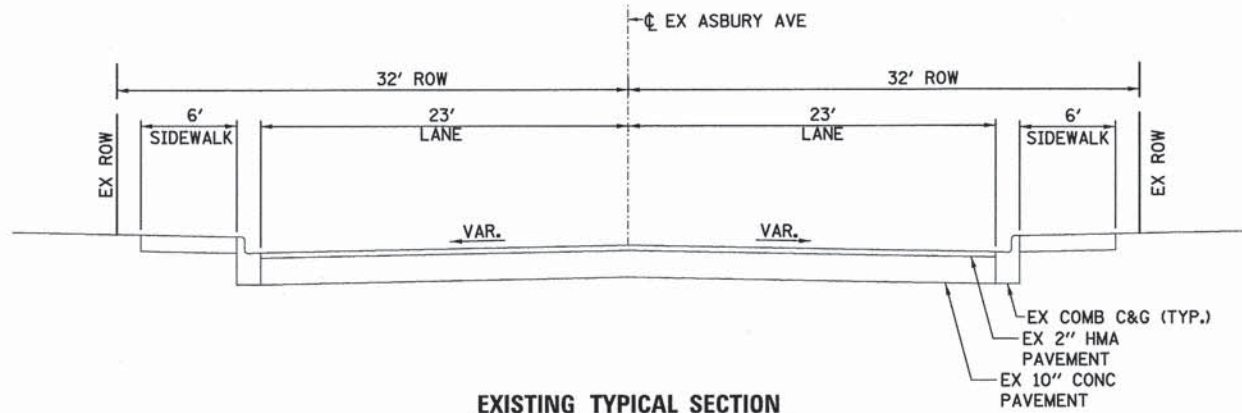
**EXISTING TYPICAL SECTION
GREEN BAY ROAD**
STA. 1002+60 TO STA. 1007+58.8



**EXISTING TYPICAL SECTION
GREEN BAY ROAD**
STA. 1007+58.8 TO STA. 1009+00



**EXISTING TYPICAL SECTION
GREEN BAY ROAD**
STA. 1009+00 TO STA. 1029+00



**EXISTING TYPICAL SECTION
ASBURY AVENUE**
STA. 203+00 TO STA. 206+00

USER NAME = bhenrsohs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

PLOT SCALE = 6.0000' / 1\"/>

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

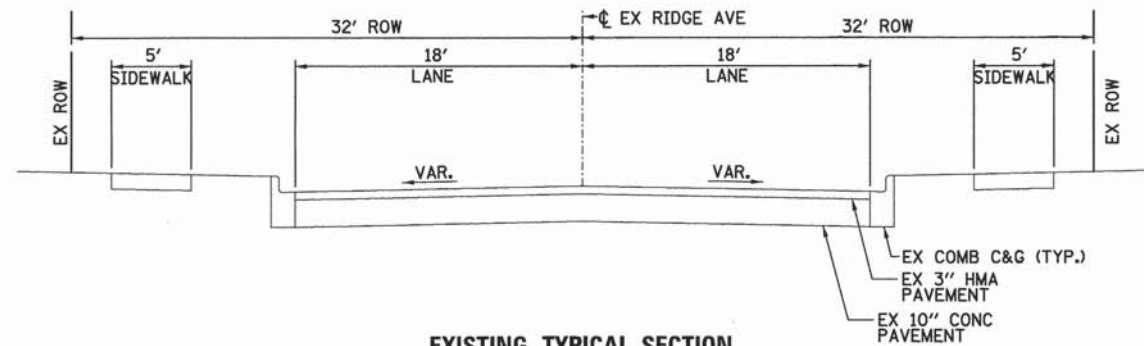
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SCALE: _____	SHEET 1 OF 6 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	27
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

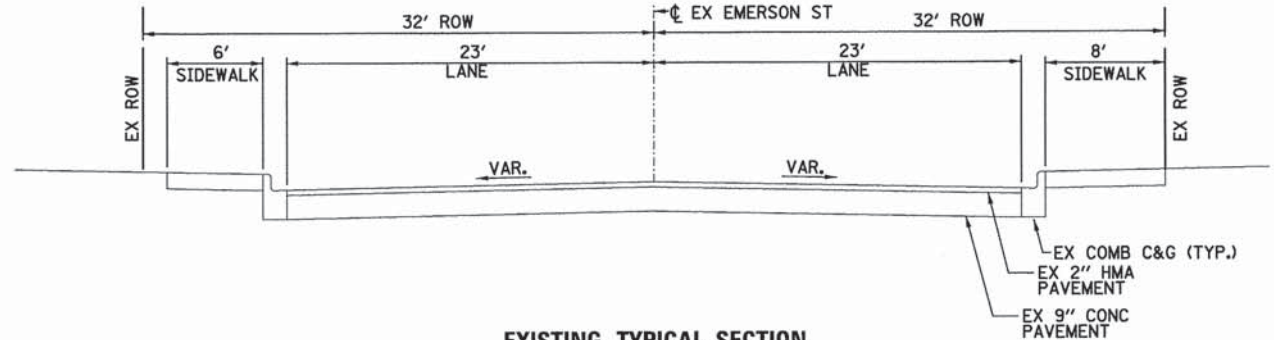


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BY	
PLAN	
SURVEYED	
GRADES CHECKED	
PLOTTED	
NOTED	
NO.	

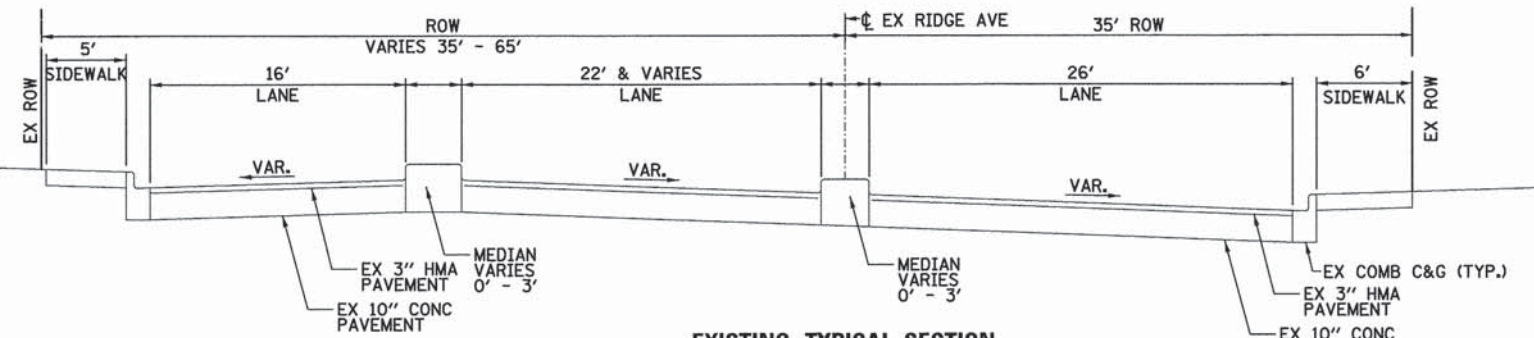
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BY	
PROFILE	
SURVEYED	
GRADES CHECKED	
PLOTTED	
NOTED	
NO.	



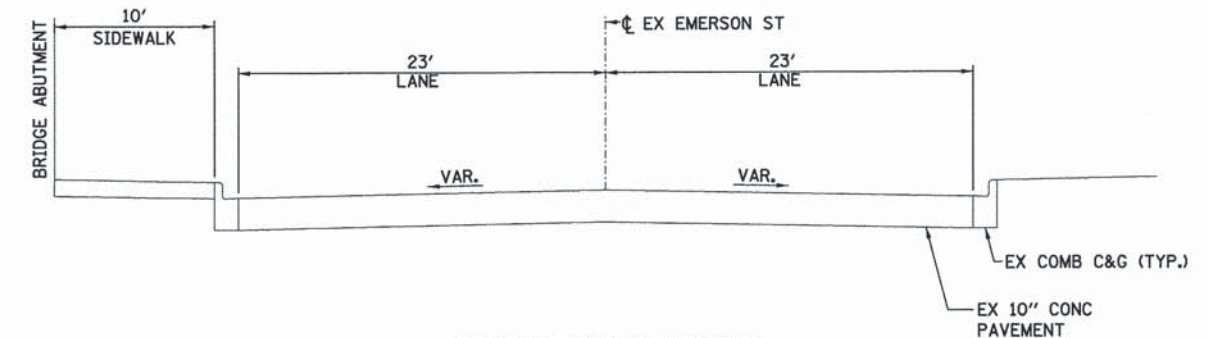
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RIDGE AVENUE**
STA. 1998+00 TO STA. 1999+50



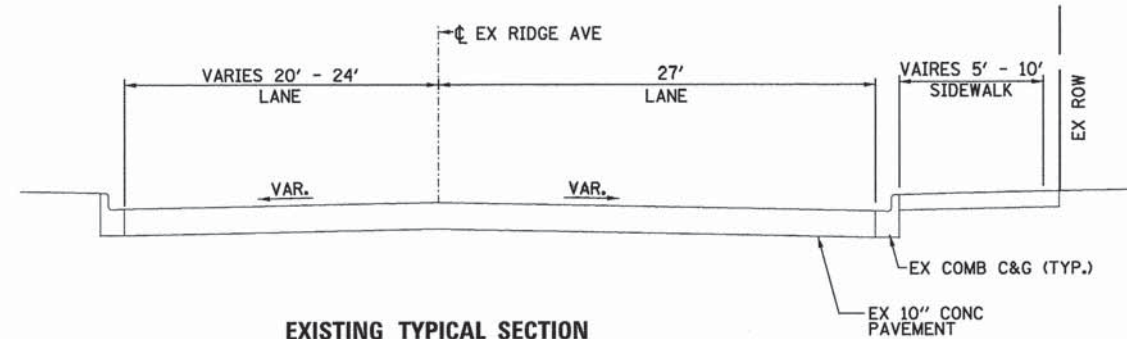
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EMERSON STREET**
STA. 104+03 TO STA. 107+32



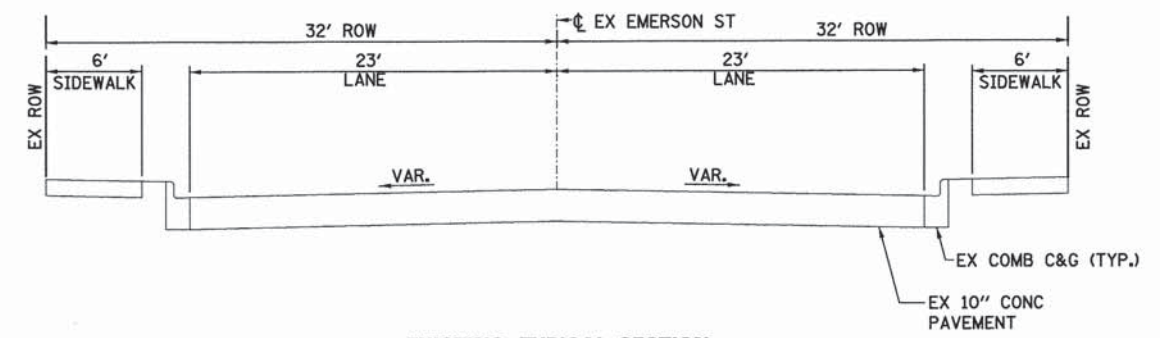
**EXISTING TYPICAL SECTION
RIDGE AVENUE**
STA. 1998+00 TO STA. 2008+50



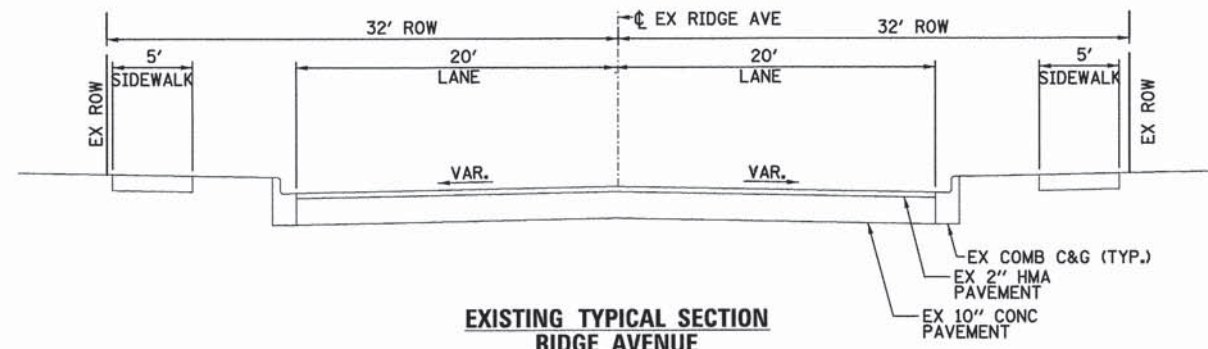
**EXISTING TYPICAL SECTION
EMERSON STREET**
STA. 107+32 TO STA. 110+18



**EXISTING TYPICAL SECTION
RIDGE AVENUE**
STA. 2008+50 TO STA. 2010+62



**EXISTING TYPICAL SECTION
EMERSON STREET**
STA. 110+18 TO STA. 113+40



**EXISTING TYPICAL SECTION
RIDGE AVENUE**
STA. 2010+62 TO STA. 2014+56

FILE NAME: ER081.sht, typ, 02.dgn



USER NAME = bharrish	DESIGNED - BAH	REVISED - -
PLLOT SCALE = 6,00000 ' / 1"v	DRAWN - BAH	REVISED - -
PLLOT DATE = 1/7/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

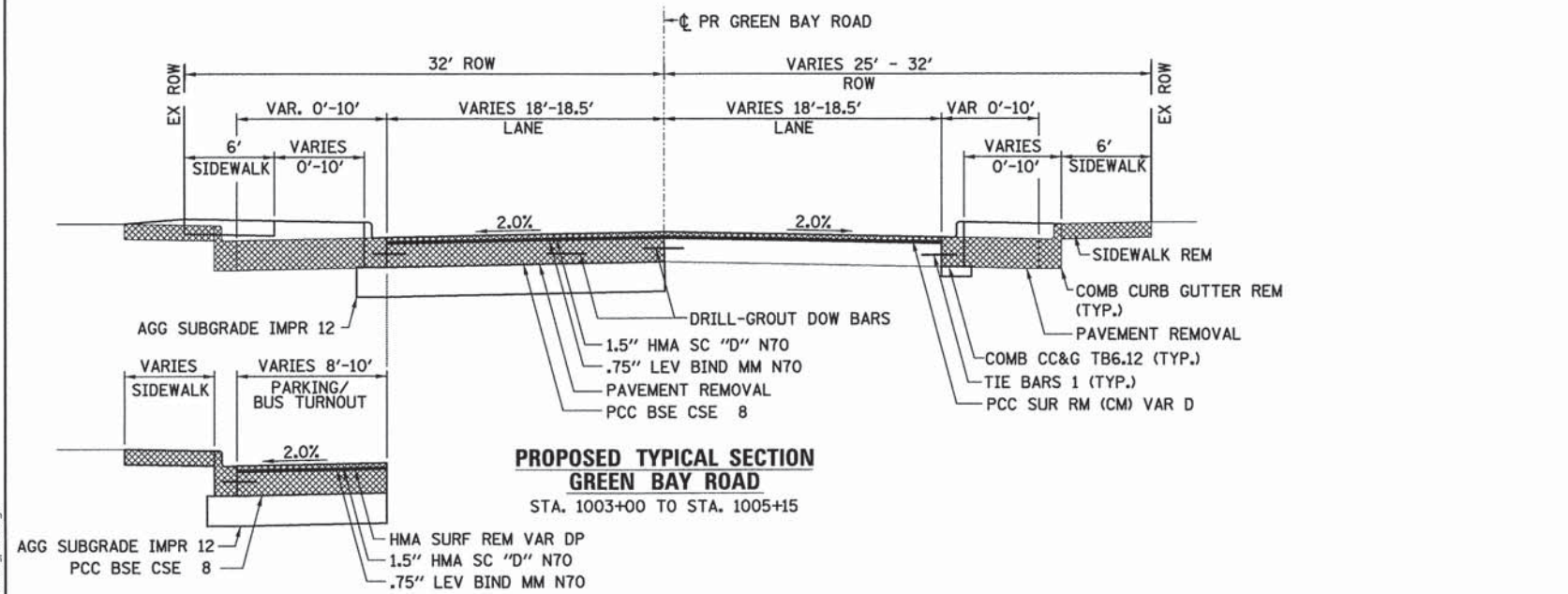
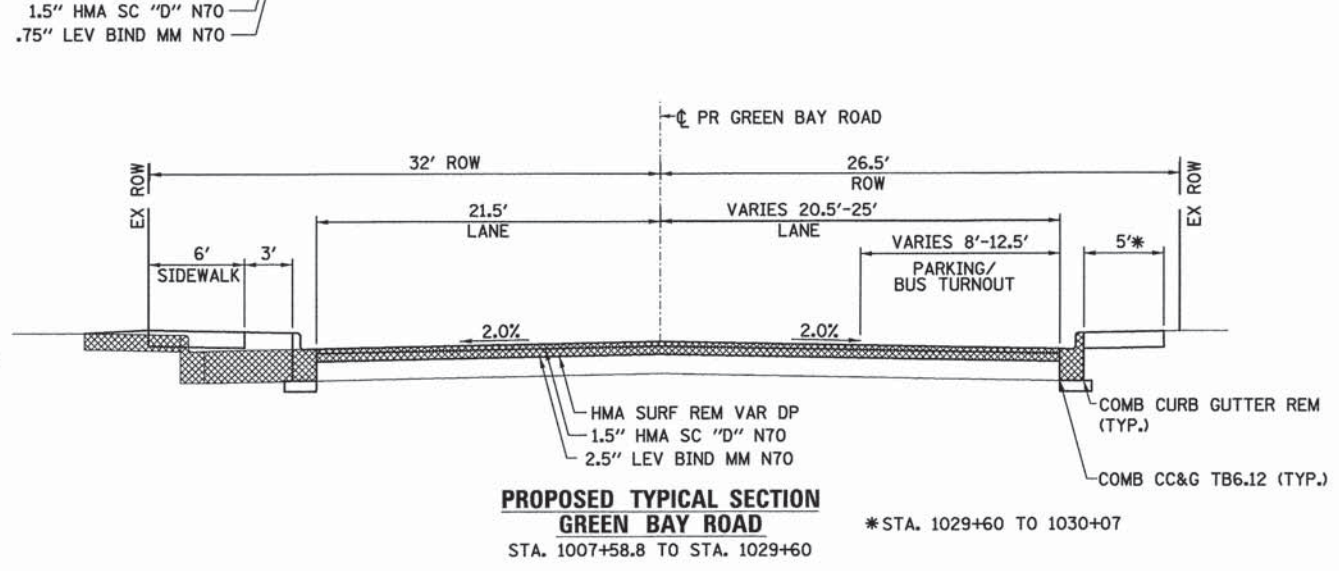
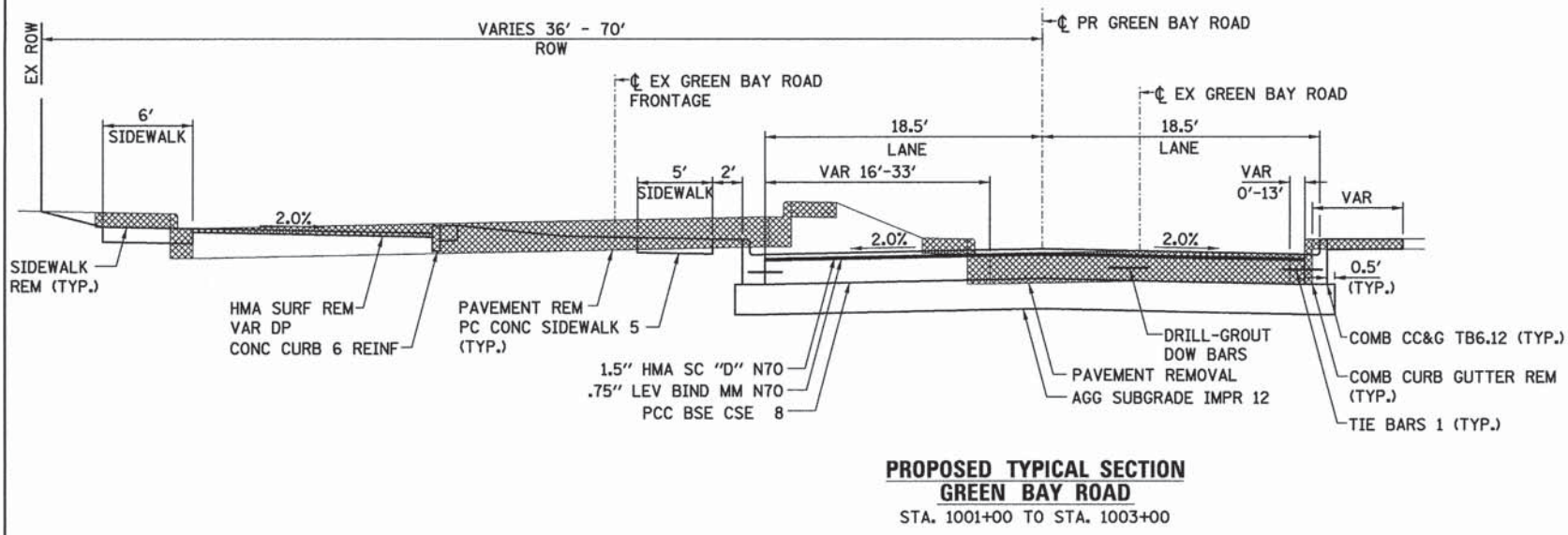
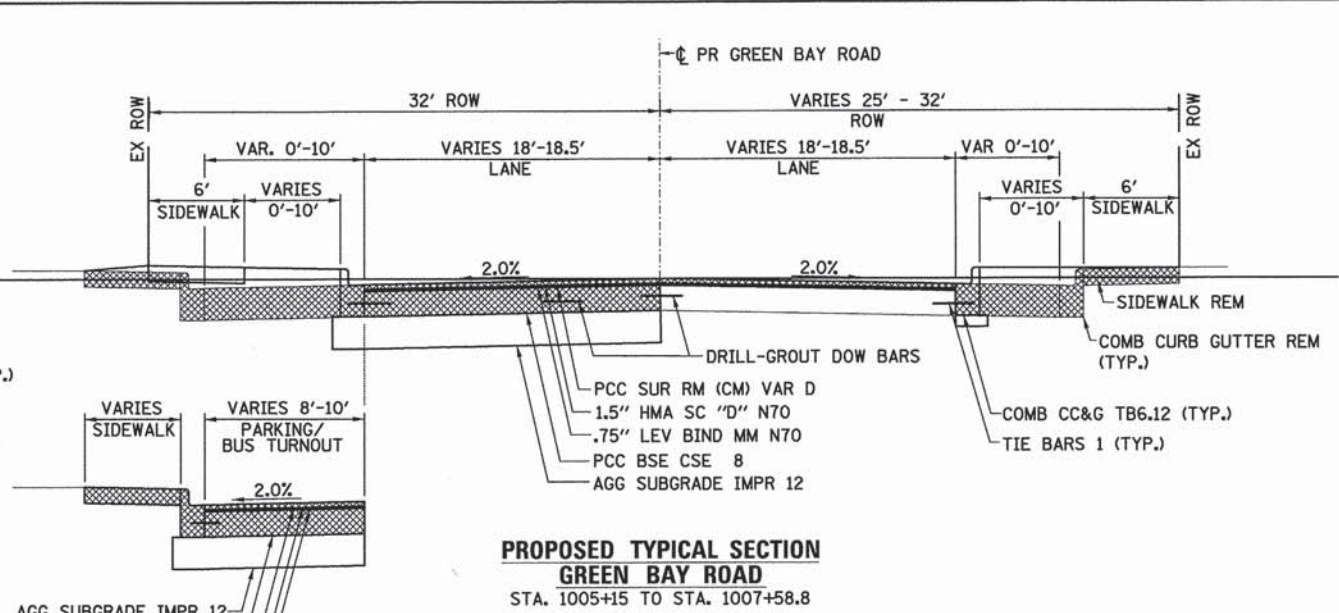
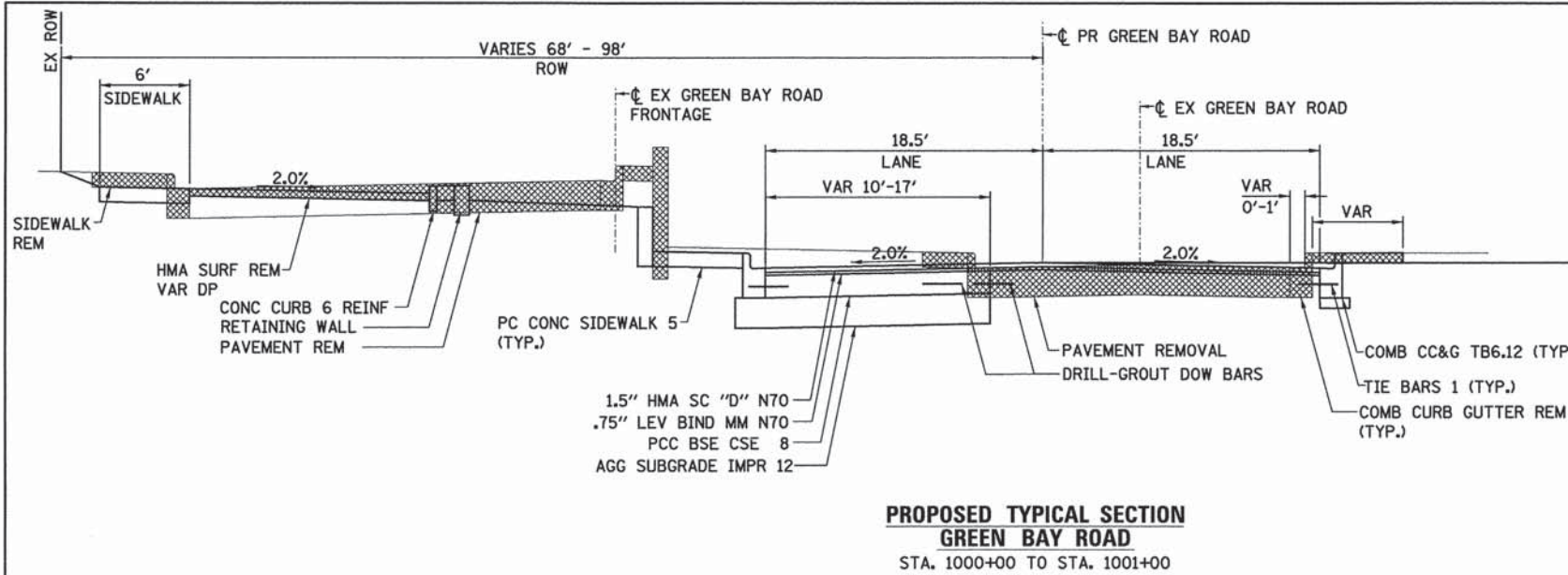
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS	
SCALE: _____	SHEET 2 OF 6 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	28
CONTRACT NO. G1C32				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	



HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE TYPE	AIR VOIDS @Ndes	MIXTURE TYPE	AIR VOIDS @Ndes
HMA PAVEMENT RESURFACING			
HMA SURFACE COURSE, MIX "D", (IL-9.5 mm), N70	4% @ 70 GYR	CLASS B PATCHES, TYPE IV, 10 INCH	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR	LEVELING BINDER (HAND METHOD), IL-9.5FG, N70	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70	4% @ 70 GYR		

- NOTES:**
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 72-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



USER NAME = bhenrschs	DESIGNED - BAH	REVISED - -
PLOT SCALE = 6,0000' / 1"	DRAWN - BAH	REVISED - -
PLOT DATE = 1/7/2016	CHECKED - MAR	REVISED - -
	DATE = 10/9/2015	REVISED - -

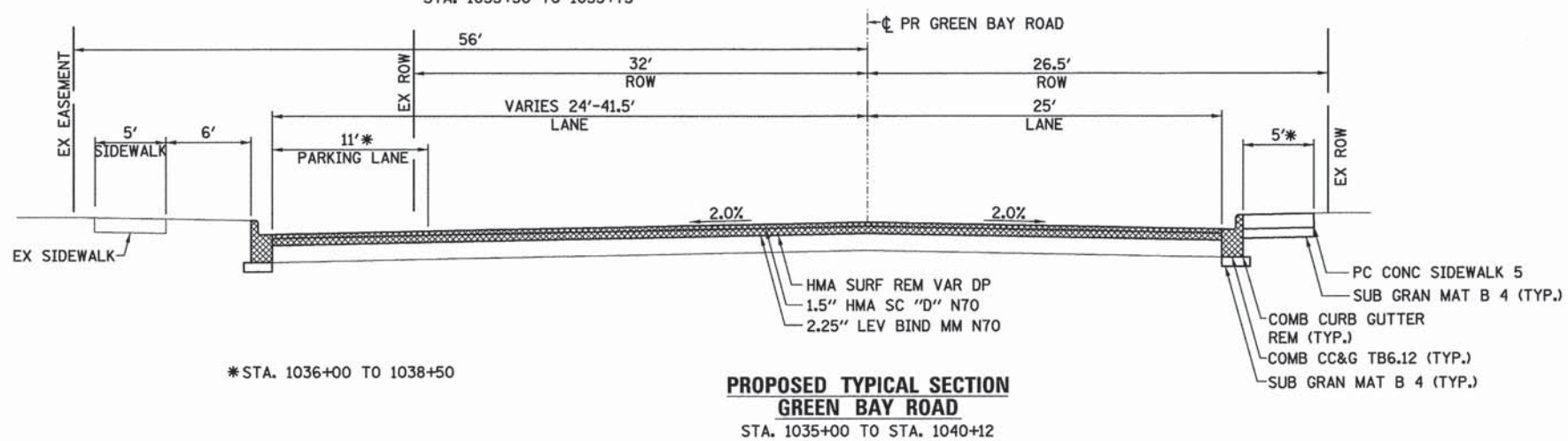
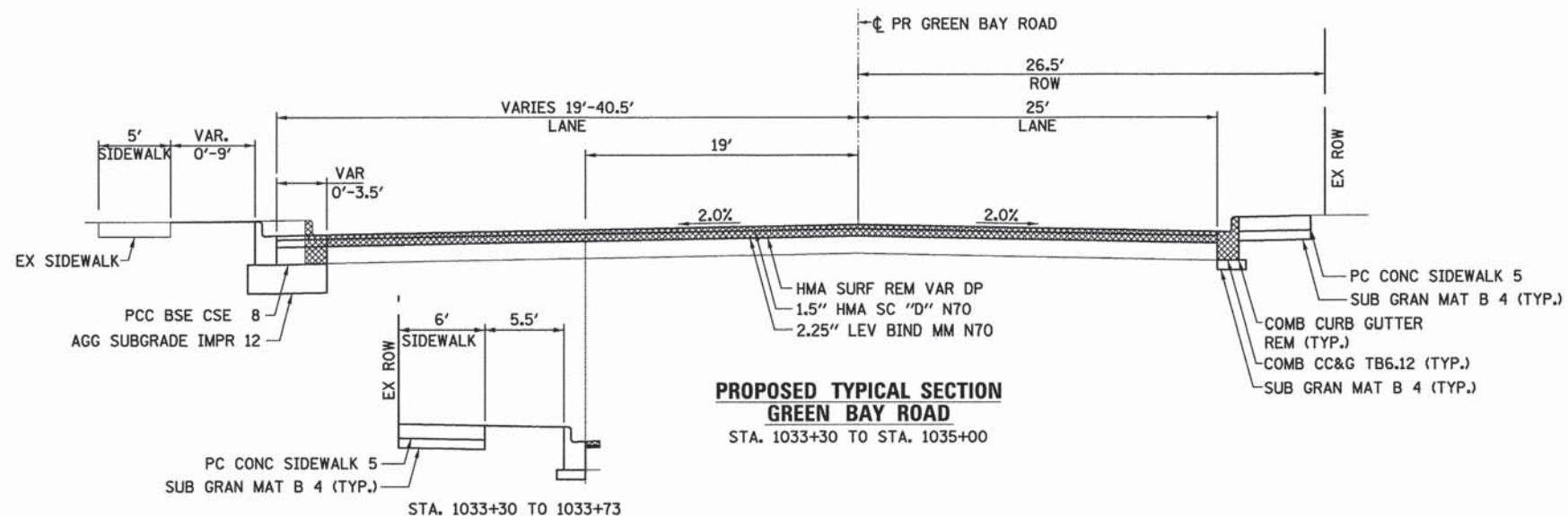
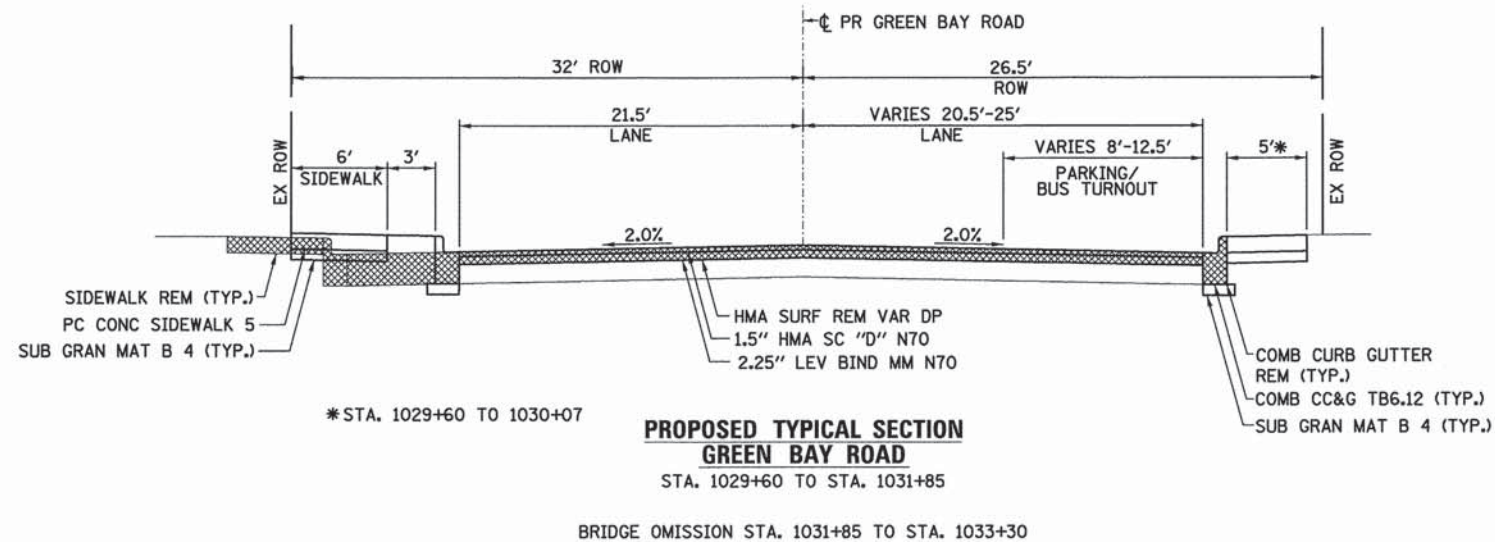
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS			
SCALE:	SHEET 3 OF 6 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	29
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
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	FILE NAME	

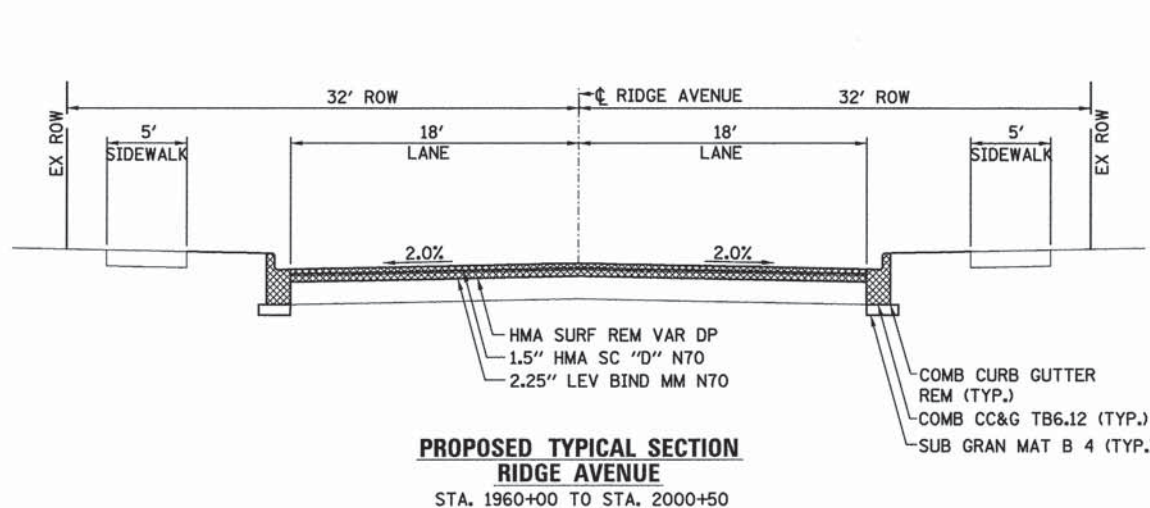


USER NAME = bhenr1sch	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

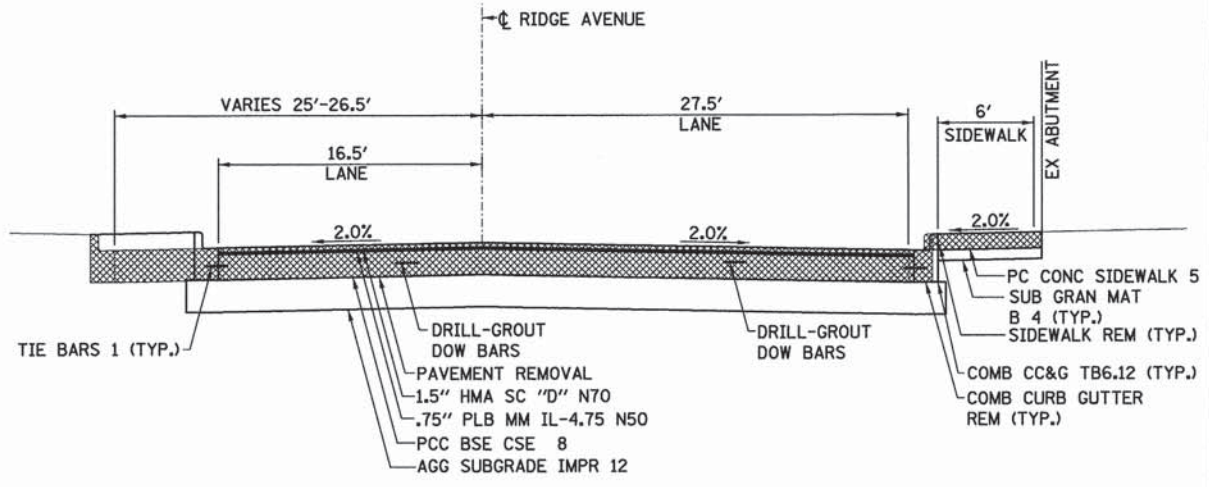
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	30
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISION	
PLANNED	
ALIGNED	
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FILE NAME	
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PLAN	
NOTE BOOK	
NO.	

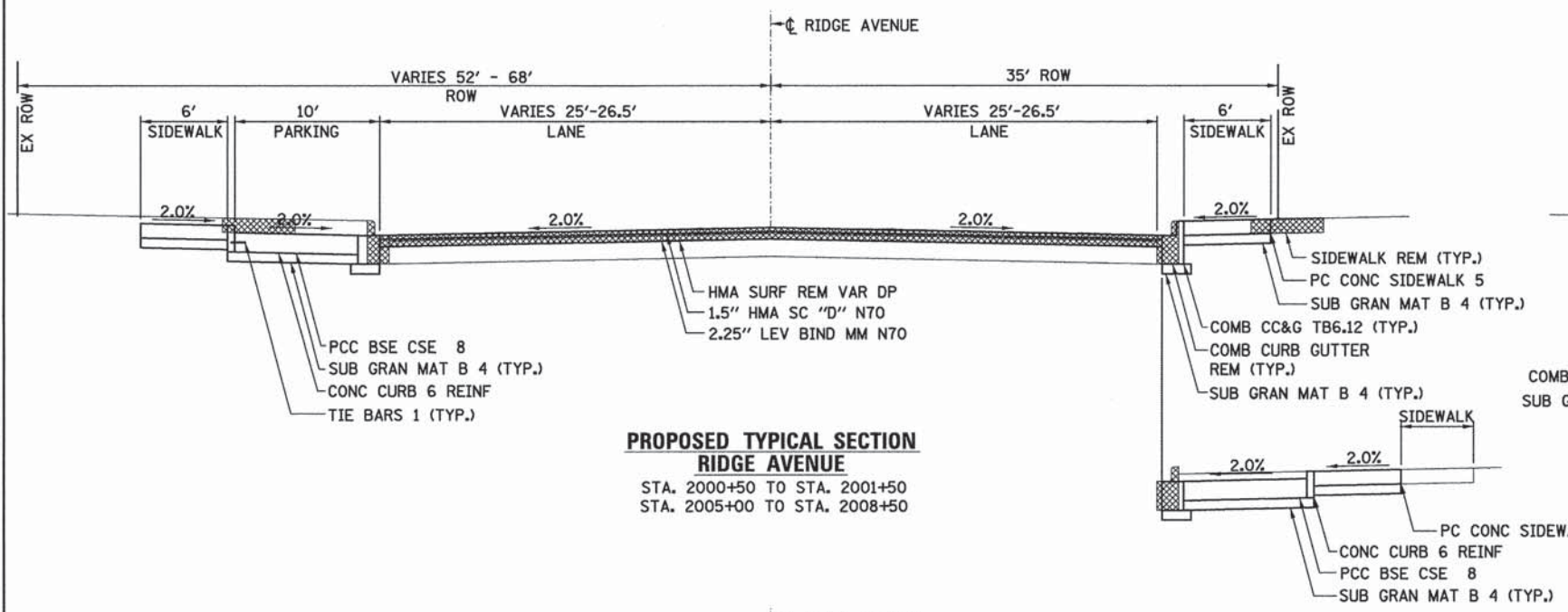
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FILE NAME	
NO.	
PROFILE	
NOTE BOOK	
NO.	



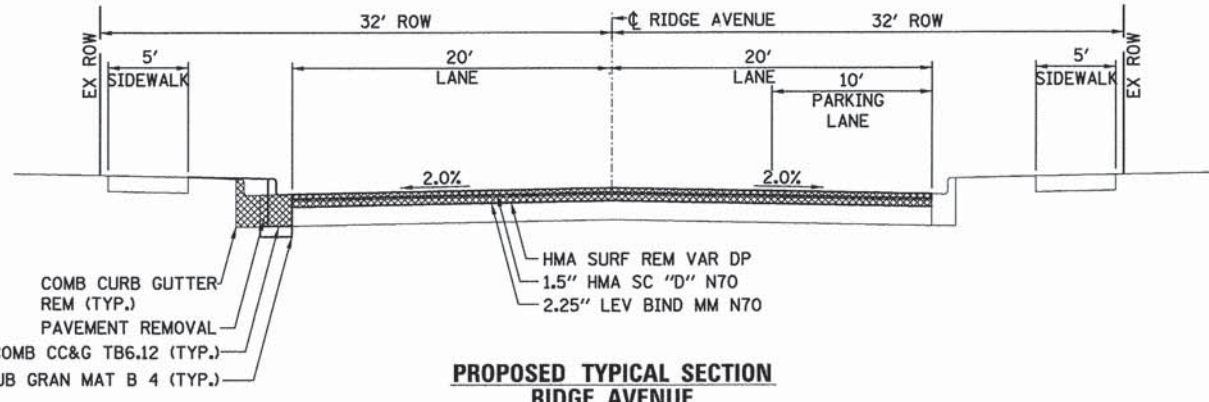
**PROPOSED TYPICAL SECTION
RIDGE AVENUE**
STA. 1960+00 TO STA. 2000+50



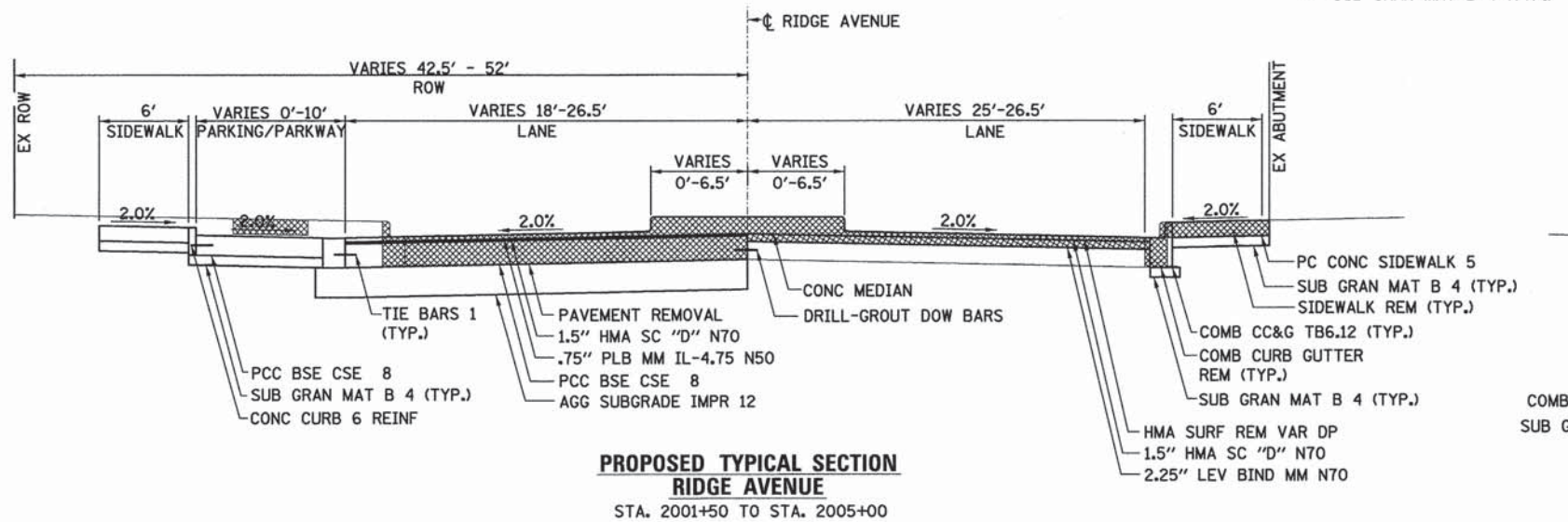
**PROPOSED TYPICAL SECTION
RIDGE AVENUE**
STA. 2008+50 TO STA. 2010+62



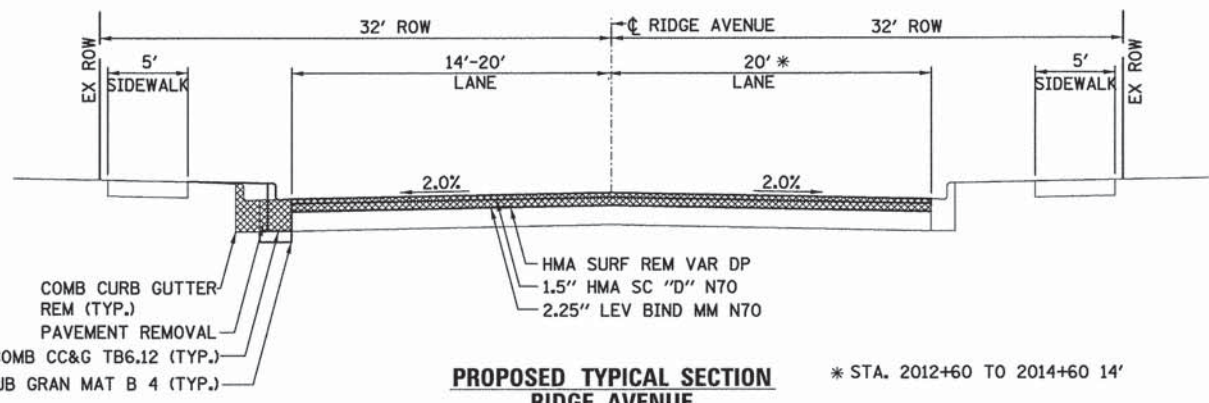
**PROPOSED TYPICAL SECTION
RIDGE AVENUE**
STA. 2000+50 TO STA. 2001+50
STA. 2005+00 TO STA. 2008+50



**PROPOSED TYPICAL SECTION
RIDGE AVENUE**
STA. 2010+62 TO STA. 2012+35



**PROPOSED TYPICAL SECTION
RIDGE AVENUE**
STA. 2001+50 TO STA. 2005+00



**PROPOSED TYPICAL SECTION
RIDGE AVENUE**
STA. 2012+35 TO STA. 2014+56

* STA. 2012+60 TO 2014+60 14'

FILE NAME: ER001_ahs.txd.dgn



USER NAME = bhnr10hs	DESIGNED - BAH	REVISED - -
DESIGNED - BAH	DRAWN - BAH	REVISED - -
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PLLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED - -

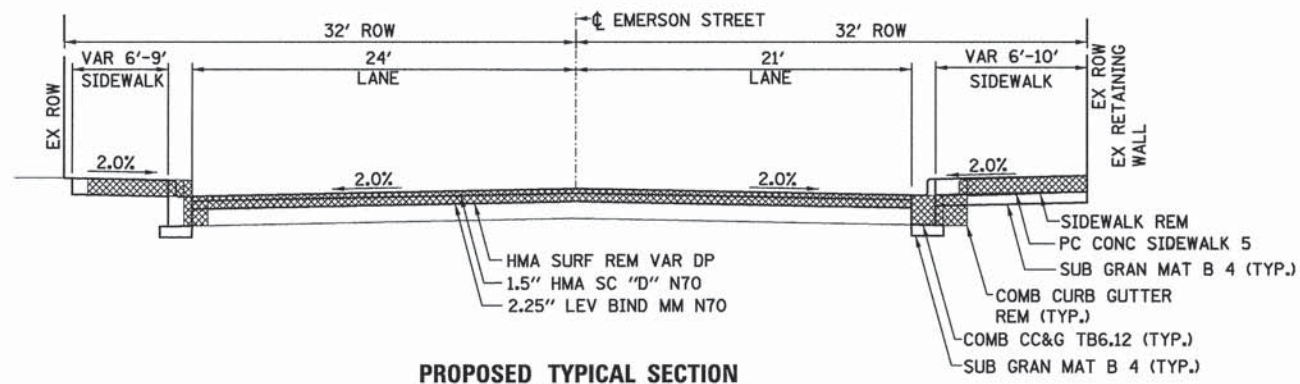
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS	
SCALE:	SHEET 5 OF 6 SHEETS STA. TO STA.

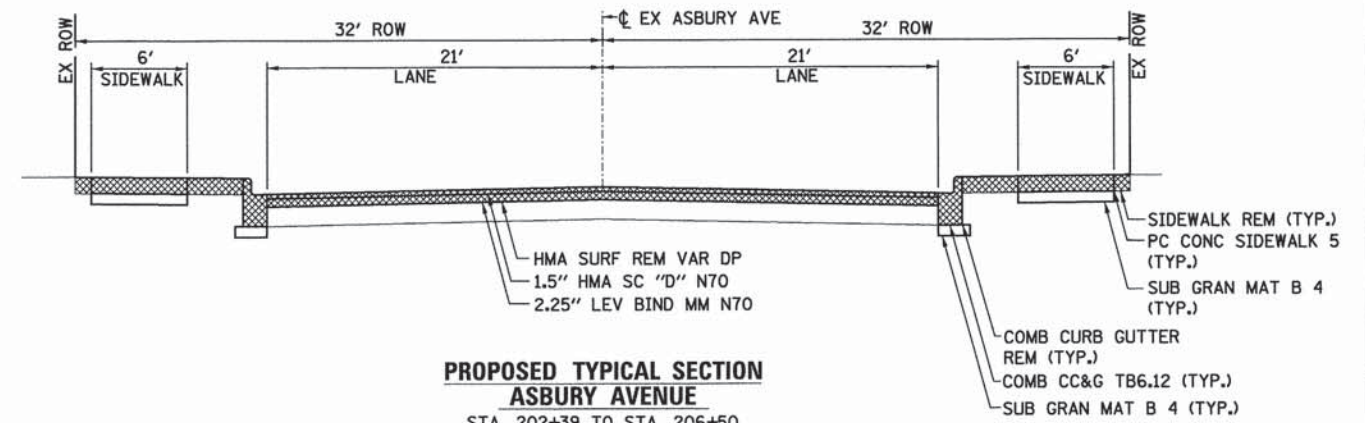
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	31
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
CHECKED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

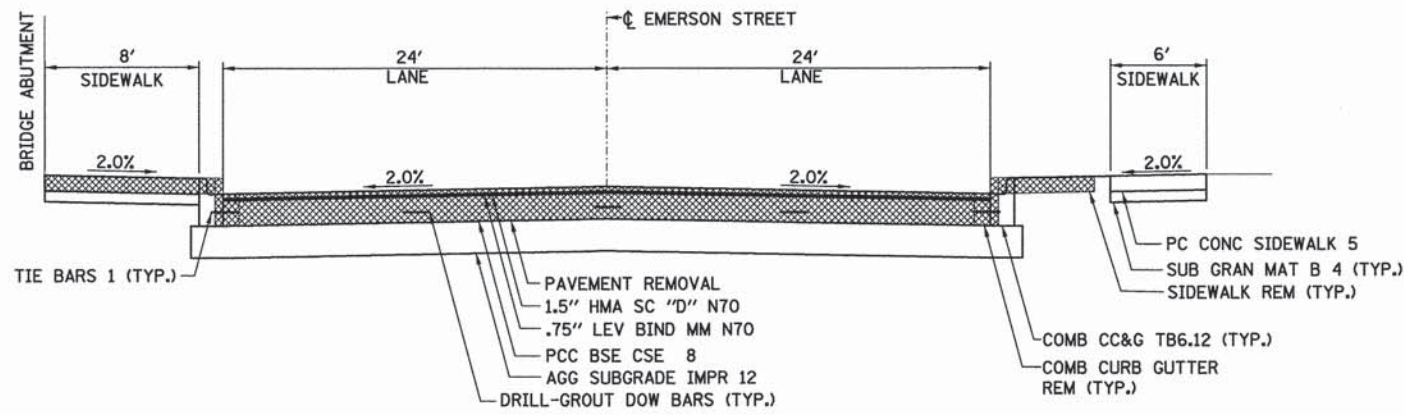
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
CHECKED	
NO. 1	
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NO. 9	
NO. 10	



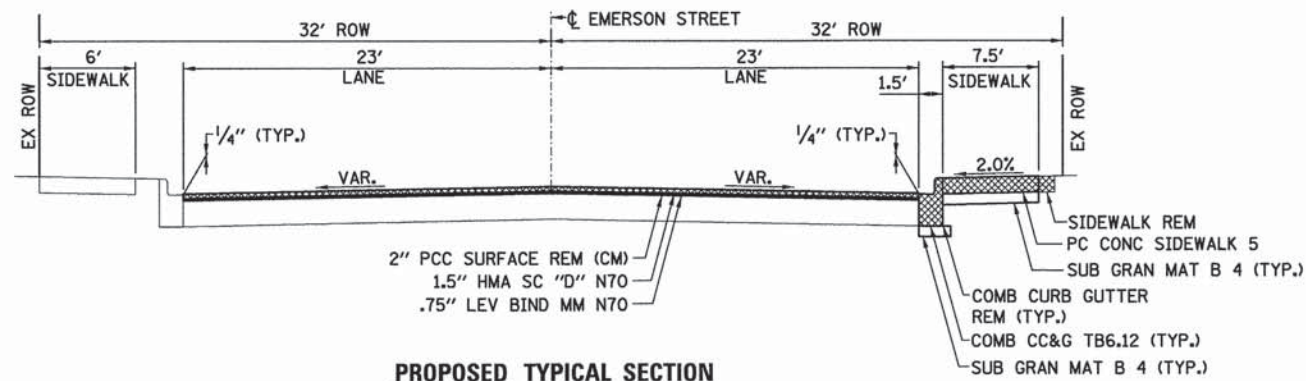
**PROPOSED TYPICAL SECTION
EMERSON STREET**
STA. 104+03 TO STA. 107+32



**PROPOSED TYPICAL SECTION
ASBURY AVENUE**
STA. 202+39 TO STA. 206+50



**PROPOSED TYPICAL SECTION
EMERSON STREET**
STA. 108+27 TO STA. 109+98



**PROPOSED TYPICAL SECTION
EMERSON STREET**
STA. 110+43 TO STA. 113+40

FILE NAME: ER001-ent-tpg-08.dgn



USER NAME = bharrish
 DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 PLOT DATE = 1/7/2016

REVISIONS
 REVISION NO. 1
 DATE 10/9/2015

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
 SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	32
CONTRACT NO. 01C32				
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNIT)	SUBBASE GRANULAR MATERIAL, TYPE B 4" pvmnt (SQ YD)	SUBBASE GRANULAR MATERIAL, TYPE B 4" C&G (SQ YD)	SUBBASE GRANULAR MATERIAL, TYPE B 4" sidewalk (SQ YD)	SUBBASE GRANULAR MATERIAL, TYPE B 4" entrance (SQ YD)	PORTLAND CEMENT CONCRETE BASE COURSE 8 (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) MILLED SURFACE (GAL)	BITUMINOUS MATERIALS (PRIME COAT) BTWN SURFACES (GAL)	LEVELING BINDER (HAND METHOD), IL-9.5FG, N70 (TON)	LEVELING BINDER (MACHINE METHOD), N70 (TON)	LEVELING BINDER (MACHINE METHOD), N70 (TON)	SURFACE REMOVAL BUTT JOINT		TEMPORARY RAMP (SQ YD)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (TON)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (TON)	PCC DRIVEWAY PAVEMENT, 8 INCH (SQ YD)	PCC SIDEWALK 5 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	PAVEMENT REMOVAL		HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" (SQ YD)	
												HMA (SQ YD)	PCC (SQ YD)							PCC (SQ YD)	BIT (SQ YD)		
GREEN BAY ROAD																							
STA. 1000+00 TO 1005+50	30.0		102.6	432.8	20.3	1646.6	134.8	269.6	6.2	64.0	3.1			187.0	95.2	201.8	19.9	4206.5	48.4	329.0	1539.5	65.0	
STA. 1005+50 TO 1010+70	30.0		81.0	261.8	88.6	1.8	402.5	805.0							217.1	144.7	88.6	2544.9	18.9	207.2	207.3	633.0	
	18.0		69.1	75.2	178.7	1.3	146.1	292.1							87.5	58.3	178.7	730.5	0.3	445.3		641.9	
STA. 1010+70 TO 1016+50	0.0		246.2	476.0	47.7	1.9	527.0	1053.9							318.7	212.5	47.7	4626.4		806.8		2340.3	
STA. 1016+50 TO 1022+00	18.0		229.8	511.3	51.4	4.9	544.6	1089.2							306.1	204.1	51.4	4969.8	11.7	797.6		2245.3	
STA. 1022+00 TO 1027+70	12.0		241.6	426.7	106.2	2.4	516.6	1033.2							312.4	208.3	106.2	4148.0		831.8		2293.7	
STA. 1027+70 TO 1033+30	48.0		164.1	242.8	54.9	5.6	467.1	934.2				110.9			270.8	180.5	54.9	3717.5	29.9	337.9		1985.4	
STA. 1033+30 TO 1041+00	0.0		223.8			21.2	1086.1	2172.2				332.2			656.9	437.9		703.5	26.3	180.5		4807.8	
RIDGE AVENUE																							
STA. 1999+00 TO 2005+00	0.0		481.3	340.0	227.0	1076.0				41.8	10.9		80.1		232.9	245.8	312.5	3749.5	25.5	1973.4		1766.1	
STA. 2005+00 TO 2009+60	12.0		196.9	588.7	140.7	703.6				27.4	41.8				291.2	253.5	140.7	5721.7		529.2	853.4	1900.6	
STA. 2009+60 TO 2015+20	0.0		158.8	29.7	179.7	6.7	1086.1	705.5					140.3		213.3	142.2	179.7	288.6	21.3	54.6		1567.7	
EMERSON STREET						0.0																	
STA. 103+00 TO 108+00	0.0		88.9	462.7	65.5	285.0	391.0	782.0		9.7			109.8		236.5	178.7	65.5	4497.2	73.4	95.6	280.6	1730.1	
STA. 108+00 TO 113+60	0.0		113.3	431.3	29.0	1751.6	51.7	103.4		126.0	0.3		101.8		31.3	293.1	29.0	4192.5	65.5	61.9	4814.4	220.6	
											0.7												
ASBURY AVENUE						0.0																	
STA. 201+00 TO 204+00	0.0		35.8	202.8	43.0	0.0	174.0	348.1			1.6				105.3	70.2							
STA. 204+00 TO 207+00	0.0		64.0	308.8	177.7	2.1	251.6	503.2							152.2	101.4	177.7	3001.8	32.6	334.4		1116.3	
																	85.9	1821.3		881.4			
ACCESS DRIVE			26.8	187.4	619.5	0.0					0.8												
FOSTER STREET			17.5	33.6	43.6	2.0	41.3	82.7					73.2			25.0	16.7	43.6	326.2	26.2	9.4		181.9
SIMPSON STREET			21.2	90.7		2.6	48.4	96.8					71.0		29.1	19.4		881.3	11.7	8.0		213.6	
			20.6	105.4		3.3	51.4	102.7					72.9		31.0	20.6		1024.4	21.3	6.6		226.9	
JACKSON AVENUE/PAYNE STREET			34.9	75.6		1.9	75.7	151.4					105.5		45.8	30.5		735.0	47.5	60.9		334.6	
NOYES STREET			22.5	43.5	32.0	1.4	54.9	109.7					85.5		33.2	22.1	32.0	423.1	13.6	28.8		242.5	
			14.5	58.8		2.3	39.1	78.3					83.8		23.9	15.9		572.0		15.9		173.4	
CLARK STREET			24.8	64.0		2.0	71.2	142.4					98.6		43.1	28.7		622.3	12.7	23.6		317.5	
SUBTOTAL																							
TOTAL	168	0	2680	5450	2106	5526	6162	10856	7	269	60		1466	0	187	3759	3088	1615	53504	487	15715		25005

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

PROFILE	DATE
SURVEYED _____ PLOTTED _____ GRADES CHECKED _____ STRUCTURE NOTATIONS CHECKED _____ NOTE BOOK NO. _____ CAD FILE NAME _____	
BY _____	DATE _____



USER NAME = bhanrschs	DESIGNED - BAH	REVISED - -
PLLOT SCALE = 1:8000' / 1"	DRAWN - BAH	REVISED -
PLLOT DATE = 1/7/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT SCHEDULE			
SCALE: _____	SHEET 1 OF 2 SHEETS	STA. _____ TO STA. _____	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	33
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

FILE NAME: ER081_ahs_Sch_01.dgn

PAVEMENT SCHEDULE

LOCATION	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	SIDEWALK REMOVAL (SQ FT)	MEDIAN REMOVAL (SQ FT)	CLASS B PATCHES, TYPE IV, 10 INCH (SQ YD)	SAW CUTS (FOOT)	TIE BARS 1" (EACH)	STRIP REFLECTIVE CRACK CONTROL TREATMENT (FOOT)	CONCRETE REMOVAL (CU YD)	PARAPET RAILING (FOOT)	PIPE HANDRIAL (FOOT)	CONCRETE CURB, TYPE B (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DOWELLED) (FOOT)	CONCRETE MEDIAN SURFACE, 4 INCH (SQ FT)	CONCRETE MEDIAN, TYPE SB-6.06 (SQ FT)	CONCRETE BARRIER, SINGLE FACE, 34 INCH HEIGHT (EACH)	RETAINING WALL REMOVAL (FOOT)	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, (SQ FT)	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE (SQ YD)	
GREEN BAY ROAD																					
STA. 1000+00 TO 1005+50	3.6	951.7	5284.5	916.8	75.8	333.0	399.0	1650.0	5.1			0.0	862.5		984.3			217.8	294.4	70.2	
STA. 1005+50 TO 1010+70	9.2	680.4	3268.3		42.4	682.7	340.0	1560.0				0.0	734.5						663.9	683.6	
	12.5	305.1	483.1		29.9	312.1	155.0					0.0	335.4						444.3	693.2	
STA. 1010+70 TO 1016+50	3.2	1100.7	3675.3		78.1	1111.9	554.0	1740.0				0.0	1196.9						2168.0	2527.5	
STA. 1016+50 TO 1022+00	4.1	1039.0	3260.0		433.3	993.7	535.0	1650.0				0.7	1156.0		175.7				748.5	2425.0	
STA. 1022+00 TO 1027+70	5.3	1040.9	4135.7		463.8	1090.5	543.0	1710.0				0.9	1172.4						2136.1	2477.2	
STA. 1027+70 TO 1033+30	5.4	723.5	2204.5		224.4	631.1	368.0	1680.0		144.0		0.0	794.2				144.0		141.4	2144.2	
STA. 1033+30 TO 1041+00		989.9	235.0		111.5	238.0	503.0	2310.0				0.0	1087.3							5192.5	
					0.0		0.0					0.0									
RIDGE AVENUE			3158.2		0.0		272.0					233.0	588.5	341.8		1581.9					
STA. 1999+00 TO 2005+00	16.0	889.7	4885.0	1524.3	46.9	940.4	438.0	1620.0				157.5	945.0	16.5						1907.4	
STA. 2005+00 TO 2009+60	1.3	1103.8	266.4	852.4	41.8	1.4	354.0	1380.0	0.0			0.0	763.9		509.3			536.4		2052.6	
STA. 2009+60 TO 2015+20	20.7	730.1			0.0		607.6	1680.0				0.0								1693.2	
					0.0							0.0									
EMERSON STREET					0.0							0.0									
STA. 103+00 TO 108+00	6.6	654.2	4252.1		44.7	307.2	330.0	1200.0				0.0	711.8							1868.6	
STA. 108+00 TO 113+60	3.3	876.7	2686.9		216.7	366.0	432.0	1680.0	7.8			0.0	933.8	2.8	1405.7					238.2	
					0.0							0.0									
ASBURY AVENUE					0.0							0.0									
STA. 201+00 TO 204+00					101.5	318.8		900.0				0.0									
STA. 204+00 TO 207+00	4.9	495.6	3112.4		201.7	534.7	265.0	900.0				0.0	572.9						2.2	1205.6	
					0.0						12.0	0.0									
ACCESS DRIVE			N/A	N/A	7.6	124.3	57.0					425.6	122.3								
					0.0							0.0									
FOSTER STREET	3.7	77.1	342.6		35.0	45.2	39.0	100.0				0.0	84.1						11.9	196.4	
					0.0							0.0									
SIMPSON STREET		98.0	821.6		1.8	31.8	50.0	110.0				0.0	107.0							230.7	
		92.5	466.9		0.0	12.8	46.0	110.0				0.0	98.6							245.0	
					0.0							0.0									
JACKSON AVENUE/PAYNE STREET		128.6	754.1		22.8	120.9	77.0	250.0				0.0	167.3						32.5	361.4	
					0.0							0.0									
NOYES STREET	3.3	99.4	427.2		68.1	24.1	50.0	110.0				0.0	108.5							261.9	
		61.8	292.9		37.1	57.6	32.0	100.0				0.0	69.8							187.3	
					0.0							0.0									
CLARK STREET		107.3	554.9		0.0	56.8	56.0	120.0				0.0	120.0							342.9	
SUBTOTAL					2052.0							0.0									
TOTAL	103	12246	44568	3294	4576	8943	5895	22560	13	144	12	818	12733	362	3075	1582	144	755	6644	27005	

LOCATION	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (COLD MILLING) VARIABLE (SQ YD)	CONCRETE STEPS (CU YD)	TEMPORARY PAVEMENT (SQ YD)	DRILL AND GROUT DOWEL BARS (EACH)
GREEN BAY ROAD				
STA. 1000+00 TO 1005+50	497.0			399.0
STA. 1005+50 TO 1010+70	965.3		101.8	340.0
			0.0	155.0
STA. 1010+70 TO 1016+50				554.0
STA. 1016+50 TO 1022+00				535.0
STA. 1022+00 TO 1027+70				543.0
STA. 1027+70 TO 1033+30				368.0
STA. 1033+30 TO 1041+00				503.0
RIDGE AVENUE				272.0
STA. 1999+00 TO 2005+00			184.0	438.0
STA. 2005+00 TO 2009+60			95.2	354.0
STA. 2009+60 TO 2015+20				
EMERSON STREET				
STA. 103+00 TO 108+00				330.0
STA. 108+00 TO 113+60	5.8			432.0
ASBURY AVENUE				
STA. 201+00 TO 204+00				
STA. 204+00 TO 207+00				265.0
ACCESS DRIVE	N/A	2.5	15.6	57.0
FOSTER STREET				39.0
SIMPSON STREET				50.0
				46.0
JACKSON AVENUE/PAYNE STREET				77.0
NOYES STREET				50.0
				32.0
CLARK STREET				56.0
SUBTOTAL				
TOTAL	1469	3	397	5895

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	

FILE NAME: E:\001\ahk_sch_02.dgn

ESI CONSULTANTS, LTD.
1000 N. HOLLAND ROAD, SUITE 104
MERRILLVILLE, IN 46459

USER NAME = bhenrsohe	DESIGNED - BAH	REVISED -
PLOT SCALE = 1,0000' / 1"	DRAWN - BAH	REVISED -
PLOT DATE = 1/7/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT SCHEDULE

SCALE: _____ SHEET 2 OF 2 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	34
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE

LOCATION	THERMOPLASTIC PAVEMENT MARKING - (HMA PAVEMENT SURFACE)											78100100 RAISED REFLECTIVE PAVEMENT MARKER (EACH)	78201000 TERMINAL MARKER - DIRECT APPLIED (EACH)	78300100 PAVEMENT MARKING REMOVAL (SQ FT)
	LINE - 4"				LINE - 6"			LINE - 12"		LINE - 24"				
	78008200 LETTERS AND SYMBOLS (SQ FT)	78008210 MEDIAN LINE SOLID YELLOW (FOOT)	78008210 LANE LINE WHITE (FOOT)	78008210 TURNING RADII WHITE (FOOT)	78008210 30'-10' SKIP-DASH WHITE (FOOT)	78008230 6'-2' SKIP-DASH WHITE (FOOT)	78008230 SOLID WHITE (FOOT)	78008250 DIAGONALS SOLID YELLOW (FOOT)	78008250 CROSSWALK HATCH WHITE (FOOT)	78008270 STOP BAR WHITE (FOOT)	78008270 STOP BAR WHITE (FOOT)			
GREEN BAY ROAD														
STA. 1000+00 TO 1005+50	82.2	676	117	305	0	0	0	1.2	225	46	12	0		
STA. 1005+50 TO 1010+70	44.4	1202	556	0	0	0	53.2	126	21	0	0	0		
	27.4	479	0	0	0	13	42	38.7	0	14	0	0		
STA. 1010+70 TO 1016+50	62.4	1371	0	0	0	31	8	56.9	0	0	0	0		
STA. 1016+50 TO 1022+00	99.2	1141	281	0	0	63	488	14.6	305	52	0	0		
STA. 1022+00 TO 1027+70	89.8	1463	0	0	0	62	93	70.0	0	0	0	0		
STA. 1027+70 TO 1033+30	99.2	1407	320	0	26	65	452	78.5	349	47	0	0		
STA. 1033+30 TO 1041+00	54.8	2222	372	0	171	108	398	140.8	198	86	0	1		
RIDGE AVENUE														
STA. 1999+00 TO 2005+00	10.4	1252	0	0	227	48	109	20.7	11	43	0	0		
STA. 2005+00 TO 2009+60	62.4	1096	0	233	43	54	555	50.6	0	0	0	0		
STA. 2009+60 TO 2015+20	10.4	984	377	0	0	39	99	0.0	0	0	0	0		
EMERSON STREET														
STA. 103+00 TO 108+00	41.6	1027	680	78	0	107	542	0.0	0	93	3	0		
STA. 108+00 TO 113+60	52.0	1376	453	57	0	69	622	74.2	74	119	2	0		
ASBURY AVENUE														
STA. 201+00 TO 204+00	0.0	298	277	0	0	0	95	0.0	151	13	0	0		
STA. 204+00 TO 207+00	0.0	626	363	0	0	0	82	0.0	120	17	0	0		
ACCESS DRIVE														
	0.0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	0	0		
FOSTER STREET														
	0.0	0	0	0	0	0	87	0.0	129	18	0	0		
SIMPSON STREET														
	0.0	62	0	0	0	0	93	0.0	138	20	0	0		
	0.0	0	0	0	0	0	109	0.0	172	16	0	0		
JACKSON AVENUE/PAYNE STREET														
	0.0	0	0	0	0	0	0	0.0	147	11	0	0		
NOYES STREET														
	0.0	0	0	0	0	0	98	0.0	151	23	0	0		
						0	94	0.0	133	20	0	0		
CLARK STREET														
	0.0	0	0	0	0		106							
TOTAL	736.2	16680.7	3796.5	672.7	467.1		658.5	4172.2	0.0	162	0	0	0	
							4830.7	599.4	2590.6	656.3	17.0	1.0	0.0	

PLAN SURVEYED _____ BY _____ DATE _____
 PLOTTED _____
 CHECKED _____
 BY _____
 NOTE BOOK NO. _____
 FILE NAME: ERGBL_sht_sch_03.dgn

PROFILE SURVEYED _____ BY _____ DATE _____
 PLOTTED _____
 CHECKED _____
 BY _____
 NOTE BOOK NO. _____
 FILE NAME: ERGBL_sht_sch_03.dgn



USER NAME = bhanrishi
 DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 DATE - 10/9/2015
 PLOT SCALE = 1:8000' / 1" = 1'
 PLOT DATE = 1/7/2016

REVISED - -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE

SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	35
CONTRACT NO. 01C32				
ILLINOIS FED. AID PROJECT				

SIGNING SCHEDULE

LOCATION	STANDARD NUMBER (NEW) DESCRIPTION (EXISTING)	SIGN PANEL TYPE 1 (SQ.FT.)	SIGN PANEL TYPE 2 (SQ.FT.)	RELOCATE SIGN PANEL ASSEMBLY TYPE A (EACH)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	SIGN PLACEMENT		SIGN PANEL TYPE 1 (SPECIAL) (SQ.FT.)
						HEIGHT ABOVE EDGE OF PAVEMENT	CENTER-LINE OFFSET	
GREEN BAY ROAD								
1000+67.4, 27.0 RT	E27, E46(2)			3				
1002+01.7, 26.8' LT	E27, E36, E42			3				
1002+18.28.14 RT MA POLE MNTD	R3-1 (24"x24"), E17, E23	4.00		2		7'		
1002+81.7, 29.9' LT	E17, E25, E46 (2), E54			5				
1002+28.26.70 LT TSIG POLE MNTD	R1-5B (24"x24")		X			7'		
1002+28.26.70 LT TSIG POLE MNTD	STATE LAW		X			7'		
1003+19.37' RT LIGHT POLE MNTD	E7, E13, E46 (2), E58			5				
1003+59.29.63 RT MA POLE MNTD	R3-2 (24"x24")		X			7'		
1003+94.23.64 RT MA POLE MNTD	R1-5B (24"x24")		X			7'		
1003+94.23.64 RT MA POLE MNTD	STATE LAW		X			7'		
1003+95.5, RT MA POLE MNTD	E33, E37			2				
1004+06.29.39 LT MA POLE MNTD	R3-1 (24"x24")	4.00				7'		
1005+15.22.08 RT	R2-1 (24"x30")	5.00			10.0	7'		
1006+24.30' LT	E27			1				
1008+48.26' LT	E27, E46			2				
1009+32.25' LT	E7, E13, E46 (2)			4				
1010+26.22.58 LT	R2-1 (24"x30")	5.00			10.0	7'		
1010+73.22' LT	E46 (2)			2				
1011+70.22.59 RT	R3-9b (24"x36")	6.00			10.0	7'		
1011+90.1, 21.7' LT	E59			1				
1013+20.23' LT	E27			1				
1012+64.22.09 RT	R2-1 (24"x30")	5.00			10.0	7'		
1015+25.20.83 LT	R3-9b (24"x36")	6.00			10.0	7'		
1016+73.22' LT	R2-1 (24"x30")	5.00			10.0	7'		
1017+83.4, RT	E46			1				
1018+08.4, RT	E22			1				
1018+39.38' LT	E5, E11, E13, E27, E30			5				
1018+52.3, RT	E8, E11, E46			3				
1018+60.31' RT	E2, E13, E59			3				
1018+94.4, LT MA POLE MNTD	E8, E11 (2), E46			4				
1019+91.21.81 RT	R2-1 (24"x30")	5.00			10.0	7'		
1020+83.21 LT	E27, E59			2				
1022+04.21' LT	E27, E45			2				
1023+00.21.50 LT	R2-1 (24"x30")	5.00			10.0	7'		
1023+91.3, LT LIGHT POLE MNTD	E11, E46 (2)			3				
1024+14.6, RT LIGHT POLE MNTD	E31, E59			2				
1024+95.21.44 RT	R3-9b (24"x36")	6.00			10.0	7'		
1025+25.22.08 RT	R2-1 (24"x30")	5.00			10.0	7'		
1025+86.21.44 LT	R3-9b (24"x36")	6.00			10.0	7'		
1027+68.21.46 LT	R2-1 (24"x30"), E27	5.00		1	10.0	7'		
1029+01.8, 49.5' RT	E22			1				
1029+04.24' LT	E45			1				
1029+10.3, LT MA POLE MNTD	E11, E46 (3)			4				
1029+35.6, RT MA POLE MNTD	E8, E11			2				
1029+51.20 RT	E31, E46 (2)			3				
1029+83.0, LT MA POLE MNTD	E11, E31, E59			3				
1030+92.52' LT	E7, E13, E46			3				
1031+49.29.08 RT	R2-1 (24"x30")	5.00			10.0	7'		
1033+77.25.57 LT	R2-1 (24"x30")	5.00			10.0	7'		
1037+00.29.08 RT	R2-1 (24"x30")	5.00			10.0	7'		
RIDGE AVENUE								
STA 2001+41.3 RT LIGHT POLE MNTD	E27 (2)			2				
2001+69.0.94 RT	R4-7 (24"x30")	5.00			10.0	7'		
2002+89.31' LT LIGHT POLE MNTD	E25, E46 (2)			3				
2002+95.4.33 LT	R4-7 (24"x30")	5.00			10.0	7'		
2003+03.41' RT LIGHT POLE MNTD	E11, E26, E46 (2)			4				
2003+04.5.00 RT	R4-7 (24"x30")	5.00			10.0	7'		
2003+04.5.00 RT	R3-5 (30"x36")	7.50				7'		
STA 2003+65.1, LT	E27			1				
2004+02.5.05 RT	R4-7 (24"x30"), E26	5.00		1	10.0	7'		
2004+08.36.18 RT	R2-1 (24"x30"), E27	5.00		1	10.0	7'		
2006+55.35.25 LT LIGHT POLE MNTD	R2-1 (24"x30"), E25, E41	5.00		2	10.0	7'		
2006+00.36.00 RT	R3-8b (36"x18")	4.50			20.0	7'		
2007+37.4, 35.6' RT LIGHT POLE MNTD	E2, E13, E27, E46 (2)			5				
2009+80.1, 36.3' RT	E27			1				
2010+02.0, LT MA POLE MNTD	E25, E27, E46 (2)			4				
2010+04.5, RT MA POLE MNTD	E11, E17			2				
2010+13.40.58 RT MA POLE MNTD	R3-2 (24"x24")	4.00				7'		
2010+74.42.99 LT MA POLE MNTD	R3-2 (24"x24"), E3, E13, E11	4.00		3		7'		
2010+77.00 MA MNTD	R3-2 (24"x24")		X			7'		
2010+80.5, 35.2' RT	E24, E46 (2)			3				
2012+73.4, 22.0' LT LIGHT POLE MNTD	E27			1				
2013+84.24' RT	E16, E46 (2)			3				
2014+28.26' RT	E26 (2)			2				
2014+40.20' RT	E33, E38			2				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO. OF ROADWAY CHECKED	
	NO. OF FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO. OF ROADWAY CHECKED	
	NO. OF FILE NAME	

SIGNING SCHEDULE

LOCATION	STANDARD NUMBER (NEW) DESCRIPTION (EXISTING)	SIGN PANEL TYPE 1 (SQ.FT.)	SIGN PANEL TYPE 2 (SQ.FT.)	RELOCATE SIGN PANEL ASSEMBLY TYPE A (EACH)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	SIGN PLACEMENT		SIGN PANEL TYPE 1 (SPECIAL) (SQ.FT.)
						HEIGHT ABOVE EDGE OF PAVEMENT	CENTER-LINE OFFSET	
EMERSON STREET								
104+17.39' LT	E27 E28 (2), E44			4				
104+16.8, LT MA POLE MNTD	E46 (2)			2				
104+61.3, RT MA POLE MNTD	E11, E46 (2)			3				
105+00, 24' RT	E27, E29, E44			3				
105+05, 26.5' LT	E27, E28 (2), E44			4				
105+82, 24' RT LIGHT POLE MNTD	E1, E27, E29, E44			4				
106+68, 27' LT LIGHT POLE MNTD	E28 (3), E44, E51			5				
107+05, 27.5' LT	E27, E28			2				
107+26.6, LT MA POLE MNTD	E9, E11, E45			3				
107+30.5 33.50 LT	R3-2 (24"x24"), E4, E11, E13, E27, E30	4.00		5	10.0	7'		
107+27.33.50 LT MA MNTD	R3-1 (24"x24")		X			7'		
107+32.32.00 RT MA POLE MNTD	R3-2 (24"x24")	4.00				7'		
107+32.32.00 RT MA POLE MNTD	FLASHING STOP TO PEDS					7'		X
108+31.35.82 LT MA POLE MNTD	FLASHING STOP TO PEDS, E11, E17			2		7'		X
108+53.4.38 RT MA MNTD	R3-2 (24"x24")		X			7'		
109+89.29.82 RT MA POLE MNTD	R3-2 (24"x24"), E11, E40	4.00		2		7'		
110+61.3, LT MA POLE MNTD	E1, E11, E27, E40, E59			5				
110+48.10.73 RT MA MNTD	R3-2 (24"x24"), E27		X			7'		
111+71, 25.5' RT	E27, E28, E29, E44			4				
112+61, 26.6' RT	E27, E28, E29, E44			4				
113+02, 26.4' LT	E27			1				
ASBURY AVENUE								
201+79.9, LT MA POLE MNTD	E24, E52			2				
202+79, 22' RT	E29, E44			2				
203+32, 24' RT	E5, E13, E29, E44, E59			5				
204+50, 24' RT	E29, E44			2				
205+42, 15' RT	E29, E44			2				
205+62, 25' RT LIGHT POLE MNTD	R2-1 (24"x30") E15, E29, E44	5.00				3		
206+20.22.88 RT MA POLE MOUNTED	R3-1 (24"x24"), E59		X			7'		
206+24.24 RT	R3-5R (30"x36")	4.00			10.0	7'		
ACCESS DRIVE								
FOSTER STREET								
SIMPSON STREET								
JACKSON AVENUE/PAYNE STREET								
NOYES STREET								
CLARK STREET								
SUB-TOTAL								
TOTAL		158.00	0.00	186.00	250.00			0.00

* POSTS SHALL BE TELES PAR 2-1/4" SQUARE
NOTE:
ALL EXISTING SIGNS TO BE RELOCATED SHALL BE MOUNTED ON NEW METAL POSTS.
ALL "X" ITEMS ARE INCLUDED WITHIN TRAFFIC SIGNAL PLANS



USER NAME = bhensrshs	DESIGNED - BAH	REVISED - -
PLLOT SCALE = 1:8000	DRAWN - BAH	REVISED -
PLLOT DATE = 1/7/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT SIGNING SCHEDULE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	36
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE TABLE

Structure No.	Station	Offset	LT/RT	Structure Type	Rim Elevation	Invert Elevation			
						N	S	E	W
CB-1001	1000+33	27.65	LT	4' DIA CB TY A	600.26			596.01	
CB-1002	1001+03	18.50	LT	4' DIA CB TY A	599.89			595.64	
CB-1003	1001+03	18.41	RT	4' DIA CB TY A	599.89				595.64
CB-1004	02+55	0.00	RT	4' DIA CB TY A	602.02		597.77		
CB-1005	1001+56	18.74	LT	4' DIA CB TY A	600.09			595.84	
CB-1006	1001+72	18.50	RT	4' DIA CB TY A	600.23				595.98
CB-1007	1002+46	18.50	LT	4' DIA CB TY A	601.52			597.27	
CB-101	105+95	21.00	RT	4' DIA CB TY A	600.33		596.08		
CB-1010	1009+38	18.50	RT	4' DIA CB TY A	603.09				598.84
CB-1011	1010+28	18.50	RT	4' DIA CB TY A	602.82		598.57		598.57
CB-1013	1010+77	18.41	LT	4' DIA CB TY A	602.54			596.83	
CB-1014	1013+00	18.00	LT	4' DIA CB TY A	598.52		593.65		593.65
CB-1015	1012+80	18.00	RT	4' DIA CB TY A	598.75			593.36	
CB-1017	1013+39	22.50	RT	4' DIA CB TY A	598.20		594.94		594.94
CB-1019	1015+56	18.00	LT	4' DIA CB TY A	598.16			593.91	594.44
CB-102	107+25	24.00	LT	4' DIA CB TY A	605.38				601.13
CB-1020	1015+64	19.00	RT	4' DIA CB TY A	597.95				593.70
CB-1022	1016+94	18.91	LT	4' DIA CB TY A	597.51			593.26	593.26
CB-1023	1016+94	18.00	RT	4' DIA CB TY A	597.52		593.27		593.27
CB-1024	1017+52	27.00	LT	4' DIA CB TY A	597.46				593.21
CB-1025	1019+30	18.00	LT	4' DIA CB TY A	597.84		594.50		594.50
CB-1028	1020+05	18.00	LT	4' DIA CB TY A	598.03				593.78
CB-1029	1020+35	18.00	RT	4' DIA CB TY A	598.17				593.92
CB-1030	1020+85	18.00	LT	4' DIA CB TY A	598.41				594.16
CB-1032	1023+68	23.77	LT	4' DIA CB TY A	597.67			591.52	591.52
CB-1033	1024+49	18.04	LT	4' DIA CB TY A	597.47			593.22	593.22
CB-1034	1024+56	24.00	RT	4' DIA CB TY A	597.47		593.22		593.22
CB-1035	1025+20	18.03	LT	4' DIA CB TY A	597.71				593.46
CB-1036	1025+84	18.08	LT	4' DIA CB TY A	598.03		593.88		
CB-1037	1026+00	18.04	RT	4' DIA CB TY A	598.11		595.00		
CB-1038	1027+42	25.11	LT	4' DIA CB TY A	598.15				593.90
CB-1039	1028+32	18.00	RT	4' DIA CB TY A	598.03		593.64		592.97
CB-1041	800+62	20.43	LT	4' DIA CB TY A	597.09		593.84		
CB-1043	1029+67	20.50	RT	4' DIA CB TY A	598.24			594.74	594.74
CB-1044	1034+85	34.20	LT	4' DIA CB TY A	599.59				595.34
CB-1045	1028+24.0	18.00	LT	4' DIA CB TY A	598.03		592.95		592.95
CB-1046	1036+50	25.00	RT	4' DIA CB TY A	598.40		595.04		595.04
CB-1047	1036+42	41.20	LT	4' DIA CB TY A	598.52		594.00		594.00
CB-1049	1037+70	25.00	RT	4' DIA CB TY A	598.88				594.63
CB-1050	1040+12	23.79	LT	4' DIA CB TY A	598.88			594.63	
CB-1051	1040+12	24.57	RT	4' DIA CB TY A	598.88				594.63
CB-1060	1029+73	38.60	LT	4' DIA CB TY A	597.64			593.00	592.79
CB-1069	1023+25	19.00	LT	4' DIA CB TY A	598.06			593.79	593.79
CB-1073	1019+58	18.00	RT	4' DIA CB TY A	597.79			593.20	592.12
CB-1076	1033+33	22.50	LT	4' DIA CB TY A	605.04		600.79		
CB-2000	2000+17	18.00	LT	4' DIA CB TY A	612.17		607.92		607.92
CB-2001	2000+20	19.06	RT	4' DIA CB TY A	612.15		607.90		607.90
CB-2002	2004+68	27.50	LT	4' DIA CB TY A	612.50		608.25		
CB-2003	2006+44	27.50	LT	4' DIA CB TY A	610.64				607.00
CB-2004	2007+54	27.63	LT	4' DIA CB TY A	603.64				600.00
CB-2005	2008+84	16.73	LT	4' DIA CB TY A	600.29				596.04
CB-201	204+95	21.00	LT	4' DIA CB TY A	604.10				599.85
CB-202	205+39	20.82	RT	4' DIA CB TY A	603.53			600.42	599.28
CB-203	206+11	25.91	LT	4' DIA CB TY A	602.91			599.39	598.83
IN-1009	1008+00	11.60	RT	INLET TY A	603.51		598.98		
IN-1012	1010+17	18.50	LT	INLET TY A	602.85				598.60
IN-1016	1013+49	18.00	LT	INLET TY A	598.28			594.00	
IN-1018	1013+49	19.00	RT	INLET TY A	598.26			595.01	
IN-1019	1015+22	18.00	LT	INLET TY A	598.16			594.91	
IN-1021	1015+97	18.00	LT	INLET TY A	597.82				594.57
IN-1026	1019+25	18.00	RT	INLET TY A	597.68		593.43		
IN-103	109+59	24.55	LT	INLET TY A	600.58				597.13
IN-1031	1023+35	19.00	RT	INLET TY A	598.26				595.01
IN-104	109+59	24.00	RT	INLET TY A	600.40		597.83		
IN-1040	1028+85	26.00	LT	INLET TY A	597.71			593.46	
IN-1042	1029+82	21.50	LT	INLET TY A	598.43		595.18		595.18
IN-1048	1036+05	38.70	LT	INLET TY A	598.46				594.28
IN-1061	1008+34	26.50	LT	INLET TY A	603.24			598.19	
IN-1062	1008+48	11.20	RT	INLET TY A	603.38			598.54	598.54
IN-1063	1013+27	18.00	LT	INLET TY A	598.33			593.84	
IN-1064	1013+27	18.00	RT	INLET TY A	598.33		595.08		
IN-1065	1016+72	18.00	LT	INLET TY A	597.54			594.29	
IN-1066	1016+79	18.00	RT	INLET TY A	597.53		594.28		
IN-1067	1017+19	18.00	RT	INLET TY A	597.55			594.30	
IN-1068	1019+15	18.00	LT	INLET TY A	597.85			594.61	
IN-1070	1024+34	25.00	LT	INLET TY A	597.35			594.10	
IN-1071	1024+33	18.19	RT	INLET TY A	597.48		594.23		
IN-1072	1024+64	18.00	RT	INLET TY A	597.48			594.23	
IN-1074	1037+01	40.26	LT	INLET TY A	598.40			595.15	
IN-1075	1036+80	25.00	RT	INLET TY A	598.50			595.25	
IN-1077	1031+47	22.50	LT	INLET TY A	603.84			600.59	
IN-111	107+08	24.00	LT	INLET TY A	605.70				602.45
IN-2011	2000+35	19.65	RT	INLET TY A	612.16			608.91	
IN-204	206+25	13.00	RT	INLET TY A	603.14				599.68
IN-211	205+14	21.00	RT	INLET TY A	603.85		600.60		
IN-212	205+98	23.65	LT	INLET TY A	603.01		599.76		
MH-1080	1020+85	4.04	RT	4' DIA MH	598.69			591.69	591.69
MH-1081	1023+47	44.00	LT	4' DIA MH	597.67		590.80		592.75
								592.75	590.80

DRAINAGE PIPE TABLE

PIPE NO.	FROM	TO	SIZE (IN)	TYPE	LENGTH (FT)	PIPE SLOPE %	PIPE NO.	FROM	TO	SIZE (IN)	TYPE	LENGTH (FT)	PIPE SLOPE %
P-1001	CB-1001	Ex Sewer	8	PVC	13	7.77%	P-1063	IN-1063	CB-1014	8	DIP	27	0.70%
P-1002	CB-1002	Ex Sewer	8	PVC	24	6.83%	P-1064	IN-1064	CB-1017	8	DIP	13	1.08%
P-1003	CB-1003	Ex Sewer	8	PVC	14	12.62%	P-1065	IN-1065	CB-1022	8	DIP	22	4.68%
P-1004	CB-1004	CB-1005	8	DIP	32	6.03%	P-1066	IN-1066	CB-1023	8	DIP	15	6.73%
P-1005	CB-1005	Ex Sewer	10	PVC	29	9.17%	P-1067	IN-1067	CB-1023	8	DIP	25	4.12%
P-1006	CB-1006	Ex Sewer	8	PVC	8	38.38%	P-1068	IN-1068	CB-1025	8	DIP	15	0.73%
P-1007	CB-1007	Ex Catch Basin	8	DIP	32	3.19%	P-1069	IN-1069	MH-1081	8	DIP	32	3.25%
P-1009	IN-1062	IN-1061	8	DIP	41	0.85%	P-1070	IN-1070	CB-1033	8	DIP	16	5.50%
P-101	CB-101	Ex Sewer	8	PVC	19	26.74%	P-1071	IN-1071	CB-1034	8	DIP	23	4.39%
P-1010	CB-1010	Ex Sewer	8	PVC	6	117.33%	P-1072	IN-1072	CB-1034	8	DIP	8	12.62%
P-1011	CB-1011	Ex Sewer	8	PVC	12	54.00%	P-1074	IN-1074	CB-1047	8	DIP	58	1.98%
P-1012	IN-1012	CB-1011	8	DIP	39	0.72%	P-1076	IN-1076	Ex Manhole	8	DIP	58	12.02%
P-1014	CB-1014	CB-1015	10	PVC	41	0.71%	P-1077	IN-1077	IN-1042	8	DIP	165	3.28%
P-1015	CB-1015	Ex Sewer	10	PVC	10	15.40%	P-1081	MH-1080	Ex Manhole	12	PVC	131	0.50%
P-1016	CB-1016	IN-1063	8	DIP	22	0.73%	P-1082	MH-1082	Ex Manhole	12	PVC	72	0.89%
P-1017	CB-1017	IN-1018	8	DIP	10	0.70%	P-1083	Ex Manhole	CB-1032	12	WMQP	82	0.50%
P-1018	CB-1017	Ex Sewer	10	PVC	14	51.86%	P-111	IN-111	CB-102	8	DIP	17	7.76%
P-1019	IN-1019	CB-1019	8	DIP	19	5.26%	P-2000	CB-2000	Ex Sewer	8	DIP	5	5.00%
P-102	CB-102	Ex Sewer	8	PVC	26	37.04%	P-2001	CB-2001	Ex Manhole	8	DIP	32	0.72%
P-1020	CB-1020	Ex Manhole	8	PVC	22	17.05%	P-2002	CB-2002	Ex Sewer	8	PVC	54	2.78%
P-1021	CB-1021	Ex Sewer	8	DIP	18	0.72%	P-2003	CB-2003	Ex Sewer	8	DIP	27	4.85%
P-1022	CB-1022	Ex Sewer	8	DIP	17	5.65%	P-2004	CB-2004	Ex Manhole	8	DIP	14	10.86%
P-1023	CB-1023	Ex Sewer	10	DIP	20	4.85%	P-2005	CB-2005	Ex Manhole	8	DIP	28	5.32%
P-1024	CB-1024	Ex Sewer	8	DIP	17	17.41%	P-201	CB-201	Ex Sewer	8	PVC	25	15.40%
P-1025	CB-1025	Ex Sewer	8	DIP	33	2.76%	P-2011	IN-2011	CB-2001	8	DIP	15	6.73%
P-1026	IN-1026	IN-1073	8	DIP	33	0.70%	P-202	CB-202	Ex Sewer	8	PVC	19	9.37%
P-1028	CB-1028	Pr Sewer	8	PVC	23	12.52%	P-203	CB-203	Ex Sewer	8	PVC	21	3.14%
P-1029	CB-1029	Pr Sewer	8	PVC	13	19.92%	P-204	CB-204	Ex Sewer	8	DIP	41	0.73%
P-103	IN-103	Ex Catch Basin	8	PVC	32	0.69%	P-211	IN-211	CB-202	8	DIP	25	5.28%
P-1030	CB-1030	MH-1080	8	PVC	22	11.23%	P-212	IN-212	CB-203	8	DIP	15	7.33%
P-1031	IN-1031	CB-1069	8	DIP	39	3.13%							
P-1032	CB-1032	MH-1081	12	PVC	29	2.48%							
P-1033	CB-1033	Ex Manhole	8	PVC	11	1.64%							
P-1034	CB-1034	Ex Manhole	10	PVC	2								

WATER MAIN SCHEDULE

LOCATION	DUCTILE IRON WATER MAIN TEE				DUCTILE WATER MAIN				DUCTILE IRON WATER MAIN REDUCER			WATER VALVES				DUCTILE IRON WATER MAIN FITTINGS						DUCTILE IRON WATER MAIN FITTINGS 12" 90.00 DEGREE BEND (EACH)	DOMESTIC WATER SERVICE BOXES TO BE REMOVED (EACH)	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID (EACH)	FIRE HYDRANT WITH 6" VALVE AND VALVE BOX (EACH)	REMOVE FIRE HYDRANT AND VALVE ASSEMBLY (EACH)	12" DUCTILE IRON FITTINGS (EACH)	DUCTILE IRON WATER MAIN FITTINGS (EACH)	WATER MAIN TO BE ABANDONED									
	10"X6" (EACH)	10"X8" (EACH)	12"X6" (EACH)	12"X8" (EACH)	6" (FOOT)	8" (FOOT)	10" (FOOT)	12" (FOOT)	10"X6" (EACH)	12"X6" (EACH)	12"X10" (EACH)	6" (EACH)	8" (EACH)	10" (EACH)	12" (EACH)	8" 45.00 DEGREE BEND (EACH)	8" 45.00 DEGREE BEND (EACH)	10" 45.00 DEGREE BEND (EACH)	10" 45.00 DEGREE BEND (EACH)	12" 45.00 DEGREE BEND (EACH)	12" 45.00 DEGREE BEND (EACH)								10" (EACH)	12" (EACH)								
GREEN BAY ROAD																																						
STA. 1000+00 TO 1005+50	1																																				1	161
STA. 1005+50 TO 1010+70			2																																0	0	161	
STA. 1010+70 TO 1016+50	1		1		8							1																						1	2	564		
STA. 1016+50 TO 1022+00	1	1			12																														2	1	189	
STA. 1022+00 TO 1027+70	1				14	4																													2	1	550	
STA. 1027+70 TO 1033+30																																				2		179
STA. 1033+30 TO 1041+00																																						
RIDGE AVENUE																																						
STA. 1999+00 TO 2005+00																																						
STA. 2005+00 TO 2009+60				1	1	8																																
STA. 2009+60 TO 2015+20																																						
EMERSON STREET																																						
STA. 103+00 TO 108+00							2	2				9																										
STA. 108+00 TO 113+60								18			219	120																										
ASBURY AVENUE																																						
STA. 201+00 TO 204+00				1																																		
STA. 204+00 TO 207+00						9						274																									164	
ACCESS DRIVE																																						
FOSTER STREET																																						
SIMPSON STREET																																						
JACKSON AVENUE/PAYNE STREET																																						
NOYES STREET																																						
CLARK STREET																																						
SUBTOTAL																																						
TOTAL	4.0	1.0	6.0	3.0	116.9	20.5	1422.4	1765.6	2.0	2.0	2.0	2.0	1.0	6.0	12.0	0.0	1.0	42.0	9.0	18.0	3.0	2.0	28.0	3.0	10.0	6.0	1.0	300.0	1058.6	1666.9								

LOCATION	WATER SERVICE CONNECTION						CUT AND CAP EXISTING			CONNECTION TO EXISTING WATER MAIN				VALVE VAULTS TO BE REMOVED (EACH)	STEEL CASINGS 14" (FOOT)	STEEL CASINGS 16" (FOOT)
	(SHORT) 1"	(SHORT) 1.5"	(SHORT) 2"	(LONG) 1"	(LONG) 1.5"	(LONG) 2"	6" WATER MAIN (EACH)	10" WATER MAIN (EACH)	12" WATER MAIN (EACH)	6"	8"	10"	12"			
	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)			
GREEN BAY ROAD																
STA. 1000+00 TO 1005+50																
STA. 1005+50 TO 1010+70																
STA. 1010+70 TO 1016+50		2			1		4						3			
STA. 1016+50 TO 1022+00							4						4			36
STA. 1022+00 TO 1027+70		4					4						1			173
STA. 1027+70 TO 1033+30		1					1	1				1	2			25
STA. 1033+30 TO 1041+00																
RIDGE AVENUE																
STA. 1999+00 TO 2005+00																
STA. 2005+00 TO 2009+60																
STA. 2009+60 TO 2015+20									2	1			1	1		26
EMERSON STREET																
STA. 103+00 TO 108+00							1			3			1			
STA. 108+00 TO 113+60		1					2		3	1			4	3		
ASBURY AVENUE																
STA. 201+00 TO 204+00	5				3											
STA. 204+00 TO 207+00	5				4			1								
ACCESS DRIVE																
FOSTER STREET							1			1						
SIMPSON STREET													2			
JACKSON AVENUE/PAYNE STREET																
NOYES STREET		1					2		1							
CLARK STREET												1				
SUBTOTAL																
TOTAL	10.0	9.0	0.0	7.0	1.0	1.0	19.0	2.0	5.0	7.0	1.0	2.0	8.0	16.0	197.8	62.0

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

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

FILE NAME: ER081-sh-26-dgn



USER NAME = bhanscha	DESIGNED - BAH	REVISED - -
DRAWN - BAH	CHECKED - MAR	REVISIION -
DATE = 10/9/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN SCHEDULE		F.A.R.TE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: _____	SHEET 1 OF 1 SHEETS		13-00270-00-CH	COOK	393	38
			CONTRACT NO. 61C32			
ILLINOIS FED. AID PROJECT						

LIGHTING SCHEDULE

LOCATION	STATION	OFFSET	ELECTRICAL SERVICE INSTALLATION (EACH)	ELECTRICAL SERVICE UTILITY CONNECTION (LUMP SUM)	SERVICE INSTALLATION GROUND MOUNTED (EACH)	UNDER-GROUND CONDUIT, GALVANIZED STEEL, 2" DIA (EACH)	UNDER GROUND CONDUIT, PVC 2" DIA (FOOT)	CONDUIT ATTACHED TO STRUCTURE S 2" DIA GALV. STEEL (FOOT)	JUNCTION BOX STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6" (EACH)	HANDHOLE (EACH)	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4 (FOOT)	LIGHT POLE ALUMINUM 30 FT M. H., 15 FT. DAVIT ARM (EACH)	LIGHT POLE FOUNDATION 30" DIA TYPE 8 (FOOT)	REMOVAL					UNDERPASS LUMINAIRE (SPECIAL) (EACH)	LIGHT POLE, SPECIAL (EACH)	LIGHTING UNIT COMPLETE, SPECIAL (EACH)	MODIFY EXISTING LIGHTING CONTROLLER (EACH)	MAINTAIN EXISTING LIGHTING SYSTEM (LUMP SUM)					
														LIGHTING UNIT NO SALVAGE (EACH)	POLE FOUNDATION (EACH)	LIGHTING CONTROLLER (EACH)	ELECTRICAL SERVICE INSTALLATION (EACH)	LIGHTING CONTROLLER FOUNDATION (EACH)										
GREEN BAY ROAD																												
STA 1000+00 TO 1005+50	2+03	25' LT	0	0	0	52	485	0		1	5555		10	6	6	0	0	0						1	0	0		
	1001+10	29' LT											10											1				
	1001+90	31' LT											10											1				
	1002+93	33' LT											10											1				
	1002+19	37' RT											10											1				
	1003+78	27' RT											10											1				
	1004+04	22' LT											10										1					
	1004+55	31' LT											10											1				
	1005+23	23' RT											10											1				
STA. 1005+50 TO 1010+70	1006+19	30' LT	0.00	0.00	0.00		484.70	0.00			4463.90		10	3.00	3	0	0	0							0.00	0.00		
	1007+36	17' RT	0.00	0.00	0.00		184.80	0.00			2007.60		10	1.00	1	0	0	0						1		0.00	0.00	
	1008+48	26' LT											10												1			
	1009+32	25' LT											10												1			
	1010+25	23' RT											10											1				
STA. 1010+70 TO 1016+50	1011+50	37' LT	0.00	0.00	0.00	69.30	1129.00	0.00			9830.10		10	4.00	4	0.00	0.00	0.00								0.00	0.00	
	1011+93	23' RT											10												1			
	1013+20	23' LT											10												1			
	1014+47	23' RT											10											1				
	1015+69	23' LT											10												1			
STA. 1016+50 TO 1022+00	1016+79	23' RT	0.00	0.00	0.00	86.40	795.50	0.00			8322.30		10	4.00	4	0.00	0.00	0.00								0.00	0.00	
	1018+16	25' LT								2			10												1			
	1018+60	31' RT											10												1			
	1019+30	29.5' RT											10											1				
	1020+33	22' LT											10												1			
	1021+62	21.5' RT											10											1				
STA. 1022+00 TO 1027+70	1022+76	22' LT	1.00	1.00	1.00	86.20	904.10	0.00			8381.10		10	5.00	5	0.00	0.00	0.00								1.00	1.00	
	1023+91	60' LT								2			10													1		
	1024+15	21.5' RT											10												1			
	1025+40	22' LT											10												1			
	1026+65	21.5' RT											10											1				
STA. 1027+70 TO 1033+30	1027+92	23' LT	0.00	0.00	0.00	91.10	382.60	147.00	1		5786.90		10	9.00	9	0.00	0.00	0.00								0.00	0.00	
	1028+72	31' RT								2			10													1		
	1029+77	24' LT											10													1		
	1030+73	25' LT											10													1		
	1031+83	24' LT											10												1			
STA. 1033+30 TO 1041+00	1033+38	29' RT	0.00	0.00	0.00	54.00	111.10	8.10	1		1933.40		10	2.00	2	0.00	0.00	0.00								0.00	0.00	
	1034+48	31' LT											10													1		
RIDGE AVENUE																												
STA. 1999+00 TO 2005+00			0.00	0.00	0.00	70.20	633.50	0.00			6717.90			7.00	7	0.00	0.00	0.00									0.00	0.00
	2000+98	45' LT								3			10														1	
	2001+95	32' RT											10													1		
	2002+98	31' LT											10													1		
	2003+03	41' RT											10													1		
	2004+02	36' RT											10													1		
	2004+89	31' RT											10													1		
STA. 2005+00 TO 2009+60	2005+45	45' LT	1.00	1.00	1.00	84.40	533.50	0.00		1	5403.30		10	9.00	9	1.00	1.00	1.00									0.00	0.00
	2006+55	32' LT											10														1	
	0+72	23' LT											10														1	
	2007+38	30' LT											10														1	
	2007+87	43' LT											10														1	
	2008+18	30' RT																									1	
	2008+68	30' RT																									1	
	2009+00	19' LT																									1	
	2009+18	30' RT																									1	
	2009+52	19' LT																									1	
STA. 2009+60 TO 2015+20	2011+39	23' LT	0.00	0.00	0.00	46.00	202.50	0.00			2810.50		10	4.00	4	0.00	0.00	0.00									0.00	0.00
	2011+39	23' RT											10														1	
	2012+65	23' LT											10														1	

DATE:
 BY:
 PLAN: REVISIONS PLOTTED ALIGNED CHECKED OFF BY FILE NAME:
 NOTE BOOK NO.:
 PROFILE: REVISIONS PLOTTED GRADES CHECKED BY: NOTED:
 NOTE BOOK NO.: STRUCTURE: NOTATION: CHKD

LIGHTING SCHEDULE

LOCATION	STATION	OFFSET	ELECTRICAL SERVICE INSTALLATION	ELECTRICAL SERVICE UTILITY CONNECTION	SERVICE INSTALLATION GROUND MOUNTED	UNDER-GROUND CONDUIT, GALVANIZED STEEL, 2" DIA	UNDER GROUND CONDUIT, PVC 2" DIA	CONDUIT ATTACHED TO STRUCTURE S 2" DIA GALV. STEEL (FOOT)	JUNCTION BOX STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6" (EACH)	HANDHOLE (EACH)	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4 (FOOT)	LIGHT POLE ALUMINUM 30 FT M.H., 15 FT. DAVIT ARM (EACH)	LIGHT POLE FOUNDATION 30" DIA TYPE 8 (FOOT)	REMOVAL				UNDERPASS LUMINAIRE (SPECIAL)	LIGHT POLE, SPECIAL	LIGHTING UNIT COMPLETE, SPECIAL	MODIFY EXISTING LIGHTING CONTROLLER	MAINTAIN EXISTING LIGHTING SYSTEM (LUMP SUM)	
			(EACH)	(LUMP SUM)	(EACH)	(EACH)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	
EMERSON STREET			0.00	0.00	0.00	61.40	577.30	0.00			5548.90			5.00	5	0.00	0.00	0.00				0.00	0.00
STA. 103+00 TO 108+00	105+87	26.5' RT								1		1	10							1			
	106+68	27' LT										1	10							1			
STA. 108+00 TO 113+60	108+68	26.5' LT	0.00	0.00	0.00	60.90	786.00	0.00			8077.30			8.00	8	0.00	0.00	0.00				0.00	0.00
	109+02	26.5' RT																		1			
	109+05	26.5' LT																		1			
	109+32	34.5' RT																		1			
	109+42	26.5' RT																		1			
	109+44	26.5' LT																		1			
	109+78	26.5' RT																		1			
	109+85	47' LT																		1			
	110+53	32' RT																		1			
	111+28	27' LT																		1			
	112+20	26' RT																		1			
	113+29	27' LT																		1			
ASBURY AVENUE			0.00	0.00	0.00	49.00	256.20	0.00			2864.40			1.00	1	0.00	0.00	0.00				0.00	0.00
STA. 201+00 TO 204+00	201+78	21' RT								2		1	10							1			
	202+53	25' LT										1	10							1			
	203+55	25' RT										1	10							1			
STA. 204+00 TO 207+00	204+42	25' LT	0.00	0.00	0.00		162.20	0.00			1849.40			2.00	2	0.00	0.00	0.00				0.00	0.00
	205+62	25' LT										1	10							1			
												1	10							1			
ACCESS DRIVE			0.00	0.00	0.00	100.90	345.30	0.00			3123.40					0.00	0.00	0.00				0.00	0.00
FOSTER STREET			0.00	0.00	0.00	48.10	4.10	0.00			722.40			1.00	1	0.00	0.00	0.00				0.00	0.00
SIMPSON STREET			0.00	0.00	0.00		0.00	0.00			348.60			1.00	1	0.00	0.00	0.00				0.00	0.00
			0.00	0.00	0.00	49.80	0.00	0.00			0.00			1.00	1	0.00	0.00	0.00				0.00	0.00
JACKSON AVENUE/PAYNE STREET			0.00	0.00	0.00	86.70	7.50	0.00			1016.40			1.00	1	0.00	0.00	0.00				0.00	0.00
NOYES STREET			0.00	0.00	0.00		5.00	0.00			768.60					0.00	0.00	0.00				0.00	0.00
			0.00	0.00	0.00		0.00	0.00			0.00					0.00	0.00	0.00				0.00	0.00
CLARK STREET			0.00	0.00	0.00	58.40	74.00	0.00			1297.80			1.00	1	0.00	0.00	0.00				0.00	0.00
GB & Ridge						791																	
Emerson & Ridge						1093																	
Emerson & GB						995																	
Asbury & Emerson						260																	
GB & Asbury						631																	
GB & Simpson						670																	
GB & Noyes						416																	
INTERCONNECT						1792																	
TOTAL			2	2	2	7802	8064.3	155.1	2	16	86829.4	63	630	75	75	1	1	1	12	39	24	1	1

PLAN	SURVEYED	DATE
	PLANNED	
NOTE BOOK NO.	CHECKED BY	
	DATE	
FILE NAME	PROJECT	
	DATE	

PROFILE	SURVEYED	DATE
	PLANNED	
NOTE BOOK NO.	CHECKED BY	
	DATE	
FILE NAME	PROJECT	
	DATE	

FILE NAME: ER0811_1_Sch_08.dgn



USER NAME = bharrish	DESIGNED - BAH	REVISED - -
PLLOT SCALE = 1:8000' / 1in.	DRAWN - BAH	REVISED -
PLLOT DATE = 1/7/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING SCHEDULE	
SCALE: _____	SHEET 3 OF 2 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	40
			CONTRACT NO. 61C32	
			ILLINOIS FED. AID PROJECT	

STRUCTURE REHABILITATION

STATION	OFFSET		STREET 1	STREET 2	STRUCTURE TYPE	BASIN NUMBER	EVANSTON STRUCTURE		STATION	PROPOSED STRUCTURE	
	R	L					NUMBER	NUMBER		NUMBER	REPAIR METHOD
1001+73.0	8.9	L	Pkwy Green Bay	S. of Emerson		B82	10811	1001+73.0		Spray Liner	
1002+16.9	5.3	L	Green Bay	S. of Emerson		B82	10801-B	1002+16.9		Spray Liner	
1002+34.5	3.9	R	Pkwy Green Bay	S. of Emerson		B82	10810	1002+34.5		Spray Liner	
1003+03.4	43.5	R	Emerson	Green Bay		B82	10820-A	1003+03.4		Spray Liner	
1003+67.3	1.3	L	Emerson	Ridge	Catch Basin	B82	10820-B	1003+67.3		Spray Liner	
1006+17.2	28.3	L	Green Bay	Emerson	Manhole	B82	10875	1006+17.2		Repair Frame	
1006+17.2	28.3	L	Green Bay	Emerson	Catch Basin	B82	10875-A	1006+17.2		Spray Liner	
1006+46.2	19.7	R	Green Bay	Emerson	Catch Basin	B82	10875-B	1006+46.2		Spray Liner	
1008+15.6	27.2	L	Green Bay			B82	10900	1008+15.6		Spray Liner	
1008+15.6	27.2	L	Green Bay	Asbury	Catch Basin	B82	10900-B	1008+15.6		Spray Liner	
1009+00.0	22.6	R	Green Bay	Asbury	Catch Basin	B82	10900-A	1009+00.0		Cured In Place Liner	
1014+36.6	5.2	L	Green Bay			B82	10911	1014+36.6		Spray Liner	
1018+17.7	0.3	R	Green Bay	Simpson		B82	10920	1018+17.7		Spray Liner	
1019+53.5	5.5	R	Green Bay	N. of Simpson		B82	10921	1019+53.5		Cured In Place Liner	
1022+21.8	14.2	L	Green Bay		Manhole	B82	10936	1022+21.8		Cured In Place Liner	
1023+34.8	35.2	L	Green Bay	Jackson	Catch Basin	B82	10933-A	1023+34.8		Spray Liner	
1023+41.9	15.5	L	Green Bay		Manhole	B82	10934	1023+41.9		Cured In Place Liner	
1024+48.2	7.0	L	Green Bay		Manhole	B82	10938	1024+48.2		Cured In Place Liner	
1026+05.8	23.5	L	Green Bay		Manhole	B82	10944-1	1026+05.8		Spray Liner	
1028+23.9	24.9	L	Green Bay	Noyes	Catch Basin	B82	10944-3C	1028+23.9		Spray Liner	
2000+08.6	24.6	L	Ridge		Catch Basin	B82	10815-1	2000+08.6		Lined	
2000+24.1	13.1	L	Ridge		Manhole	S10	04076	2000+24.1		Spray Liner	
2000+26.8	17.7	L	Ridge		Catch Basin	S10	04076-A	2000+26.8		Spray Liner	
2000+28.6	28.4	R	Ridge	N. of Church	Catch Basin	S10	04076-B	2000+28.6		Spray Liner	
2003+62.1	23.2	L	Ridge	Clark	Manhole	B82	10814	2003+62.1		Spray Liner	
2004+95.1	26.8	R	Ridge	Clark	Catch Basin	B82	10813-A	2004+95.1		Cured In Place Liner	
2005+36.8	31.8	L	Ridge		Manhole	B82	10813	2005+36.8		Lined	
2007+71.3	28.2	L	Ridge	Green Bay		B82	10812	2007+71.3		Spray Liner	
2010+89.0	19.6	R	Ridge	N. of Emerson	Catch Basin	S82	11234-E	2010+89.0		Spray Liner	
2010+95.7	19.3	L	Ridge			S82	11234	2010+95.7		Spray Liner	
2010+95.7	19.3	L	Ridge	Emerson	Catch Basin	S82	11234-G	2010+95.7		Spray Liner	
2011+01.6	19.0	R	Ridge	Emerson	Inlet	S82	11234-F	2011+01.6		Spray Liner	
2011+29.2	20.3	L	Ridge	Emerson	Inlet	S82	11234-H	2011+29.2		Spray Liner	
2011+88.5	0.7	L	Ridge	N. of Emerson	Manhole	B82	10717	2011+88.5		Spray Liner	
2012+30.7	19.2	R	Ridge	Garnett	Manhole	B82	10720	2012+30.7		Spray Liner	
2012+30.7	19.2	R	Ridge			B82	10720-B	2012+30.7		Spray Liner	
2012+66.3	19.2	L	Ridge			B82	10720-A	2012+66.3		Spray Liner	
104+23.2	42.5	R	Emerson	Emerson		B82	10831	104+23.2		Spray Liner	
104+55.5	4.2	R	Emerson	Asbury	Manhole	B82	10830	104+55.5		Spray Liner	
106+35.5	12.1	R	Emerson		Manhole	B82	10825	106+35.5		Spray Liner	
107+02.9	1.2	L	Emerson	Green Bay	Catch Basin	B82	10820-D	107+02.9		Spray Liner	
107+25.4	23.8	R	Emerson	Ridge Ave/Emerson St		B82	10820	107+25.4		Cured In Place Liner	
107+25.4	23.8	R	Emerson	Green Bay	Catch Basin	B82	10820-C	107+25.4		Spray Liner	
107+95.2	14.2	R	Emerson	Emerson		B82	10715	107+95.2		Spray Liner	
108+88.1	30.5	R	Emerson	W. of Ridge, under bridge	Manhole	B82	10800	108+88.1		Spray Liner	
108+88.1	30.5	R	Emerson	E. of Green Bay		B82	10800-D	108+88.1		Spray Liner	
109+03.1	22.3	R	Emerson	E. of Green Bay		B82	10800-A	109+03.1		Spray Liner	
109+26.5	22.6	R	Emerson	N. of Emerson		B82	10800-B	109+26.5		Spray Liner	
109+27.2	23.3	L	Emerson	E. of Green Bay		B82	10800-E	109+27.2		Spray Liner	
110+33.9	4.7	L	Emerson	Emerson	Manhole	B82	10710	110+33.9		Lined	
110+57.1	23.2	R	Emerson	E. of Ridge		S82	11234-C	110+57.1		Spray Liner	
110+58.4	18.5	L	Emerson			S82	11234-A	110+58.4		Spray Liner	
110+78.4	23.4	R	Emerson	E. of Ridge		S82	11234-D	110+78.4		Spray Liner	
110+79.9	24.6	L	Emerson			S82	11234-B	110+79.9		Spray Liner	
300+50.0	20.9	R	Clark	Ridge	Catch Basin	B82	03696-A	300+50.0		Cured In Place Liner	
300+72.7	2.3	R	Clark	Ridge	Manhole	B82	03696	300+72.7		Spray Liner	
502+41.3	17.9	L	Simpson	E. of Green Bay	Catch Basin	B3A	11000-D	502+41.3		Spray Liner	
502+64.1	17.8	R	Simpson	E. of Green Bay	Catch Basin	B3A	11000-C	502+64.1		Spray Liner	
601+16.0	3.1	R	Payne	Jackson	Manhole	B82	10943	601+16.0		Cured In Place Liner	
701+90.1	0.3	R	Jackson	Green Bay	Manhole	B82	10933	701+90.1		Spray Liner	
800+56.7	19.7	R	Noyes	W. of Green Bay	Catch Basin	S82	05015-A	800+56.7		Spray Liner	
900+40	8.6	R	Noyes	E. of Green Bay	Manhole	B3A	11056	900+40		Repair Liner	
900+40.3	19.7	L	Noyes	E. of Green Bay	Catch Basin	B3A	11056-A	900+40.3		Spray Liner	
900+49.7	20.9	R	Noyes	E. of Green Bay	Catch Basin	B3A	11056-B	900+49.7		Spray Liner	

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	BY	
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PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
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	FILE NAME	

FILE NAME: ERGBI_ah1.Sch_09.dgn

ESI CONSULTANTS, LTD.
 1500 N. WISCONSIN STREET, SUITE 200
 AURORA, ILLINOIS 60007
 PHONE: 630-584-8000
 WWW.ESI-CONSULTANTS.COM

USER NAME = bhenrichs	DESIGNED - BAH	REVISED - -
PLOT SCALE = 1.0000' = 1" = 1'	DRAWN - BAH	REVISED -
PLOT DATE = 1/7/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE REHABILITATION			
SCALE: _____	SHEET 1 OF 1 SHEETS	STA. _____	TO STA. _____

F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	41
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

ALIGNMENT COORDINATE TABLE

ROAD NAME	CURVE/POINT	NAME	PC/PT	STATION	RADIUS	NORTHING	EASTING
PROPOSED RIDGE AVE							
	POINT	PRRID01		1998+00.00		1961041.64	1159325.62
	CURVE	PRRID1	PC	2000+47.97	2000	1961285.44	1159370.95
			PT	2002+01.59		1961435.24	1159404.8
	CURVE	PRRID2	PC	2005+55.58	650	1961777.27	1159496.03
			PT	2006+62.94		1961882.82	1159515.02
	POINT	PRRID02		2007+96.66		1962015.93	1159527.77
	POINT	PRRID03		2009+94.90		1962213.27	1159546.64
	POINT	PRRID04		2014+43.56		1962654.66	1159627.1
	POINT	PRRID05		2016+93.72		1962899.76	1159677.14
	POINT	PRRID06		2018+76.23		1963079.25	1159710.18
PROPOSED GREEN BAY ROAD							
	POINT	PRGB01		1000+00.00		1962032.85	1159529.39
	CURVE	PRGB1	PC	1000+85.19	468.50	1962103.61	1159481.94
	CURVE	PRGB2	PRC	1002+21.09	818.50	1962204.00	1159391.06
			PT	1004+70.25		1962389.20	1159225.81
	POINT	PRGB02		1008+59.40		1962715.48	1159013.74
	POINT	PRGB03		1009+50.41		1962790.63	1158962.41
	CURVE	PRGB3	PC	1010+73.45	1497.07	1962894.37	1158896.23
			PT	1012+84.03		1963076.51	1158790.91
	CURVE	PRGB4	PC	1014+79.05	1350.00	1963253.96	1158710.01
			PT	1016+83.18		1963432.60	1158611.64
	POINT	PRGB04		1018+01.48		1963531.62	1158546.91
	POINT	PRGB05		1018+94.13		1963607.94	1158494.37
	POINT	PRGB06		1023+45.69		1963991.36	1158255.85
	POINT	PRGB07		1028+87.60		1964449.10	1157965.77
	POINT	PRGB08		1029+61.29		1964510.57	1157925.10
	POINT	PRGB09		1045+57		1965857.35	1157069.24
PROPOSED EMERSON STREET (WEST)							
	POINT	PREM1		99+00.00		1962266.4	1158413.23
	POINT	PREM2		104+10.31		1962282.52	1158923.29
	POINT	PREM3		104+74.04		1962287.02	11589863.86
	POINT	PREM4		107+99.49		1962282.93	1159312.29
PROPOSED EMERSON STREET (EAST)							
	POINT	PREM201		108+00.00		1962254.12	1159354.65
	POINT	PREM202		109+63.66		1962251.73	1159518.3
	POINT	PREM203		110+39.15		1962254.91	1159593.72
	POINT	PREM204		122+24.00		1962244.14	1160778.52
PROPOSED ASBURY AVE							
	POINT	PRASB01		198+00.00		1961872.05	1158951.64
	CURVE	PRASB1	PC	205+59.26	300.00	1962631.30	1158957.14
			PT	206+88.84		1962756.68	1158985.60
PROPOSED ASHLAND AVEUNE							
	POINT	PRASH		1+00.00		1964467.22	1157828.27
	POINT	PRASH		3+00.00		1964467.2	1157825.6
PROPOSED NOYES STREET							
	POINT	PRNOYES1		800+00.00		1964481.42	1157944.41
	POINT	PRNOYES1		801+16.37		1964476.62	1157828.14
	POINT	PRNOYES1		802+00.00		1964473.17	1157744.58
	POINT	PRNOYES2		900+00.0		1964473.3	1157949.78
	POINT	PRNOYES2		902+00.0		1964530.85	1158141.32
PROPOSED PAYNE STREET							
	POINT	PRNOYES1		600+00.00		1964017.45	1158054.19
	POINT	PRNOYES1		600+74.17		1964019.59	1158128.32
	POINT	PRNOYES1		601+81.87		1964022.7	1158235.98
PROPOSED JACKSON AVEUNE							
	POINT	PRJACK		700+00.00		1963772.43	1158202.41
	POINT	PRJACK		701+60.44		1963932.87	1158203.51
	POINT	PRJACK		702+49.36		1964021.78	1158204.12
PROPOSED SIMPSON STREET							
	POINT	PRSIMP		500+00.00		1963555.51	1158325.69
	POINT	PRSIMP		504+00.00		1963569.76	1158725.43
PROPOSED FOSTER STREET							
	POINT	PRSIMP		400+00.00		1962905.88	1158677.92
	POINT	PRSIMP		400+85.78		1962908.99	1158763.64
	POINT	PRSIMP		402+00.19		1158877.98	1158877.98

BENCHMARK:

BM-A
A CUT SQUARE ON THE SOUTHEASTERLY CORNER OF THE CONCRETE FOUNDATION FOR THE TRAFFIC SIGNAL CONTROL BOX ON THE NORTHWESTERLY CORNER OF GREEN BAY ROAD AND MCCORMICK BOULEVARD.
ELEVATION: 599.409 (NAVD 88)

BM-B
A CROSS CUT ON THE TOP OF THE SOUTHWESTERLY ANCHOR BOLT OF THE TRAFFIC LIGHT POLE ON THE NORTHEAST CORNER OF NOYES STREET AND GREEN BAY ROAD.
ELEVATION: 598.378 (NAVD 88)

BM-C
A CUT SQUARE ON THE WESTERLY SIDE OF THE CONCRETE FOUNDATION FOR THE FIRST LIGHT POLE NORTH (50 FEET +/-) OF SIMPSON STREET ON THE WEST SIDE OF GREEN BAY ROAD.
ELEVATION: 598.076 (NAVD 88)

BM-D
A CUT SQUARE ON THE EASTERLY SIDE SO THE CONCRETE FOUNDATION FOR THE FIRST LIGHT POLE NORTH (25 FEET +/-) OF FOSTER STREET ON THE WEST SIDE OF GREEN BAY ROAD.
ELEVATION: 600.640 (NAVD 88)

BM-E
A CUT SQUARE ON THE WESTERLY SIDE OF THE RAILROAD BRIDGE PIER FOUNDATION AT THE SOUTHEASTERLY CORNER OF GREEN BAY ROAD AND EMERSON STREET. FIRST PIER SOUTH OF EMERSON STREET AND EAST OF GREEN BAY ROAD.
ELEVATION: 604.003 (NAVD 88)

BM-F
A SQUARE CUT ON THE NORTH SIDE OF THE LIGHT POLE FOUNDATION AT THE SOUTHEAST CORNER OF RIDGE AVENUE AND CLARK STREET.
ELEVATION: 613.680 (NAVD 88)

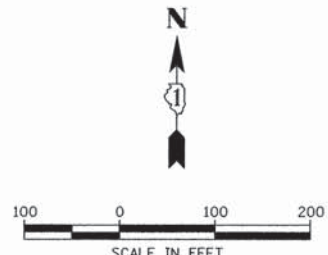
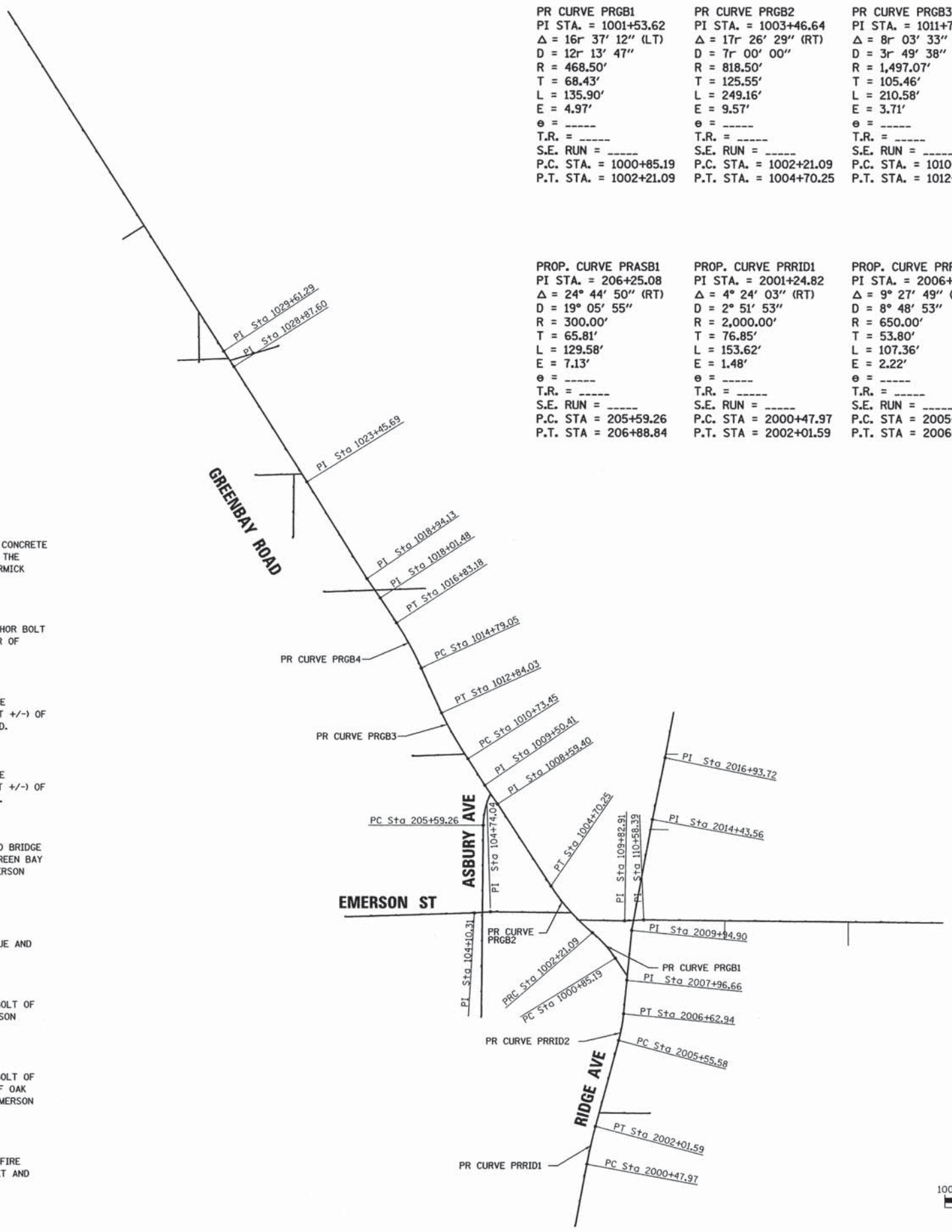
BM-G
A CUT CROSS ON THE TOP OF THE NORTHEAST FLANGE BOLT OF THE FIRE HYDRANT ON THE NORTHEAST CORNER OF EMERSON STREET AND ASBURY AVENUE.
ELEVATION: 609.896 (NAVD 88)

BM-H
A CUT CROSS ON THE TOP OF THE NORTHEAST FLANGE BOLT OF THE FIRST FIRE HYDRANT EAST OF THE INTERSECTION OF OAK AVENUE AND EMERSON STREET ON THE NORTH SIDE OF EMERSON STREET.
ELEVATION: 606.452 (NAVD 88)

BM-I
A CUT CROSS ON THE NORTHEAST FLANGE BOLT OF THE FIRE HYDRANT AT THE NORTHEAST CORNER OF EMERSON STREET AND MAPLE AVENUE.
ELEVATION: 602.270 (NAVD 88)

PR CURVE PRGB1 PI STA. = 1001+53.62 Δ = 16° 37' 12" (LT) D = 12° 13' 47" R = 468.50' T = 68.43' L = 135.90' E = 4.97' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 1000+85.19 P.T. STA. = 1002+21.09	PR CURVE PRGB2 PI STA. = 1003+46.64 Δ = 17° 26' 29" (RT) D = 7° 00' 00" R = 818.50' T = 125.55' L = 249.16' E = 9.57' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 1002+21.09 P.T. STA. = 1004+70.25	PR CURVE PRGB3 PI STA. = 1011+78.92 Δ = 8° 03' 33" (RT) D = 3° 49' 38" R = 1,497.07' T = 105.46' L = 210.58' E = 3.71' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 1010+73.45 P.T. STA. = 1012+84.03	PR CURVE PRGB4 PI STA. = 1015+81.31 Δ = 8° 39' 48" (LT) D = 4° 14' 39" R = 1,350.00' T = 102.26' L = 204.12' E = 3.87' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 1014+79.05 P.T. STA. = 1016+83.18
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PROP. CURVE PRASB1 PI STA. = 206+25.08 Δ = 24° 44' 50" (RT) D = 19° 05' 55" R = 300.00' T = 65.81' L = 129.58' E = 7.13' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 205+59.26 P.T. STA. = 206+88.84	PROP. CURVE PRRID1 PI STA. = 2001+24.82 Δ = 4° 24' 03" (RT) D = 2° 51' 53" R = 2,000.00' T = 76.85' L = 153.62' E = 1.48' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 2000+47.97 P.T. STA. = 2002+01.59	PROP. CURVE PRRID2 PI STA. = 2006+09.38 Δ = 9° 27' 49" (LT) D = 8° 48' 53" R = 650.00' T = 53.80' L = 107.36' E = 2.22' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 2005+55.58 P.T. STA. = 2006+62.94
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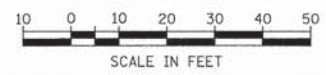
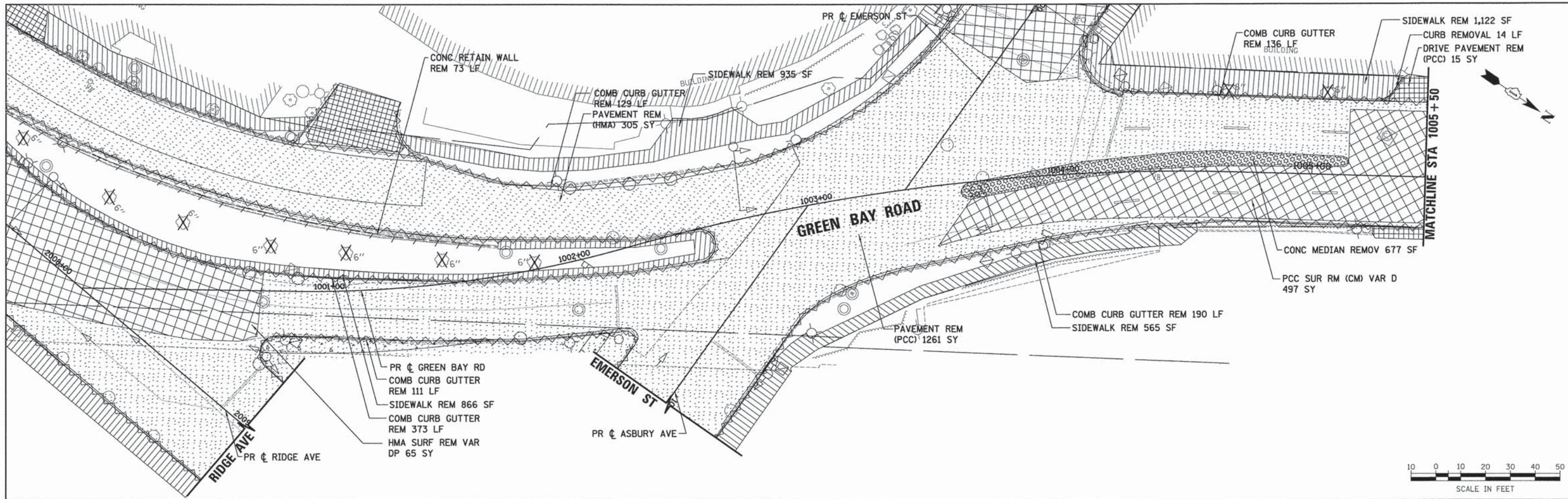


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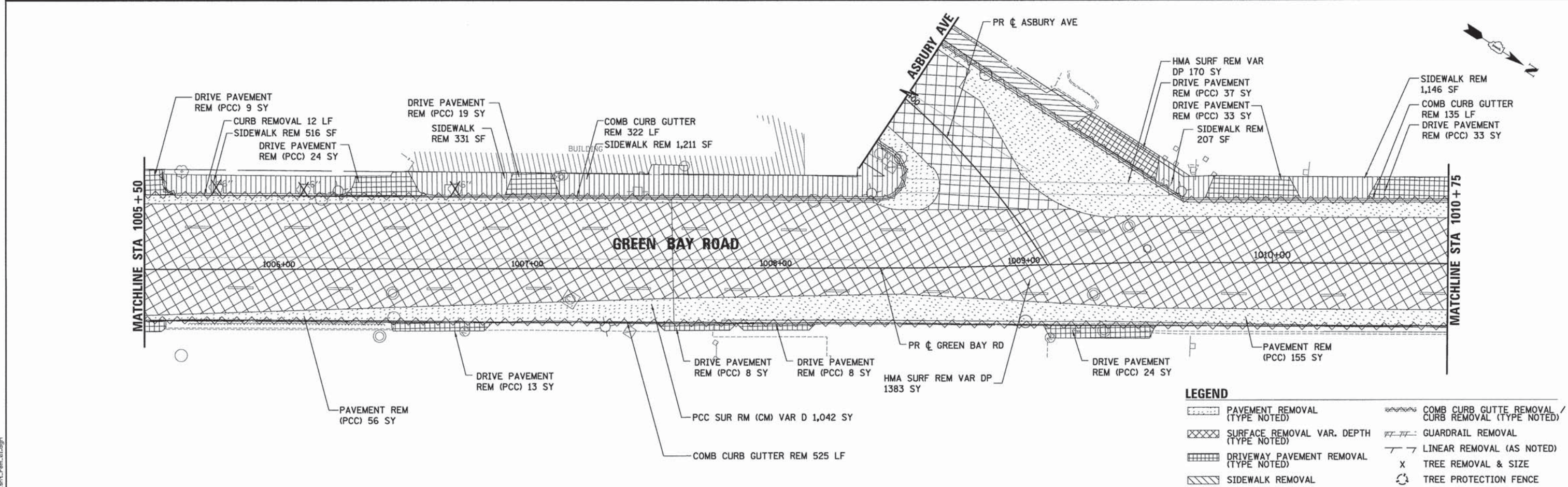
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NOTE BOOK	
NO.	



DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
NO. NOTE	
NO. STRUCTURE NOTATION	
PROFILE	
NOTE BOOK	
NO.	



LEGEND

PAVEMENT REMOVAL (TYPE NOTED)	COMB CURB GUTTE REMOVAL / CURB REMOVAL (TYPE NOTED)
SURFACE REMOVAL VAR. DEPTH (TYPE NOTED)	GUARDRAIL REMOVAL
DRIVEWAY PAVEMENT REMOVAL (TYPE NOTED)	LINEAR REMOVAL (AS NOTED)
SIDEWALK REMOVAL	TREE REMOVAL & SIZE
	TREE PROTECTION FENCE



USER NAME = bhanr1cha	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

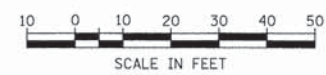
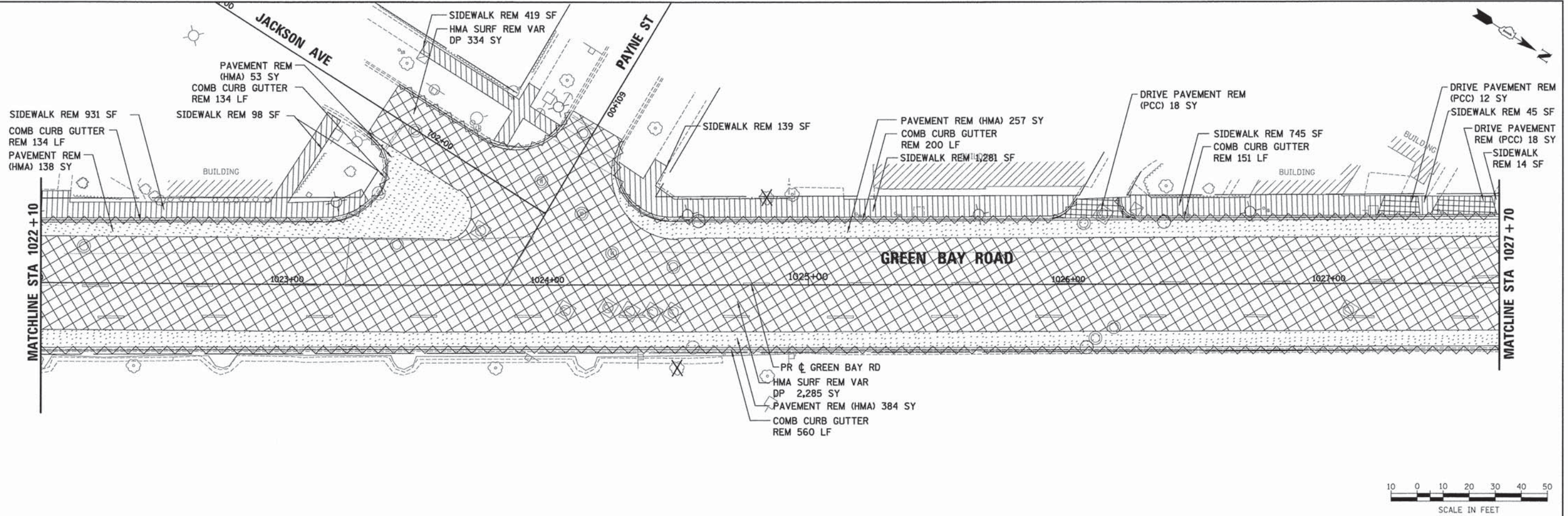
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS GREEN BAY ROAD	
SCALE:	SHEET 1 OF 8 SHEETS STA. TO STA.

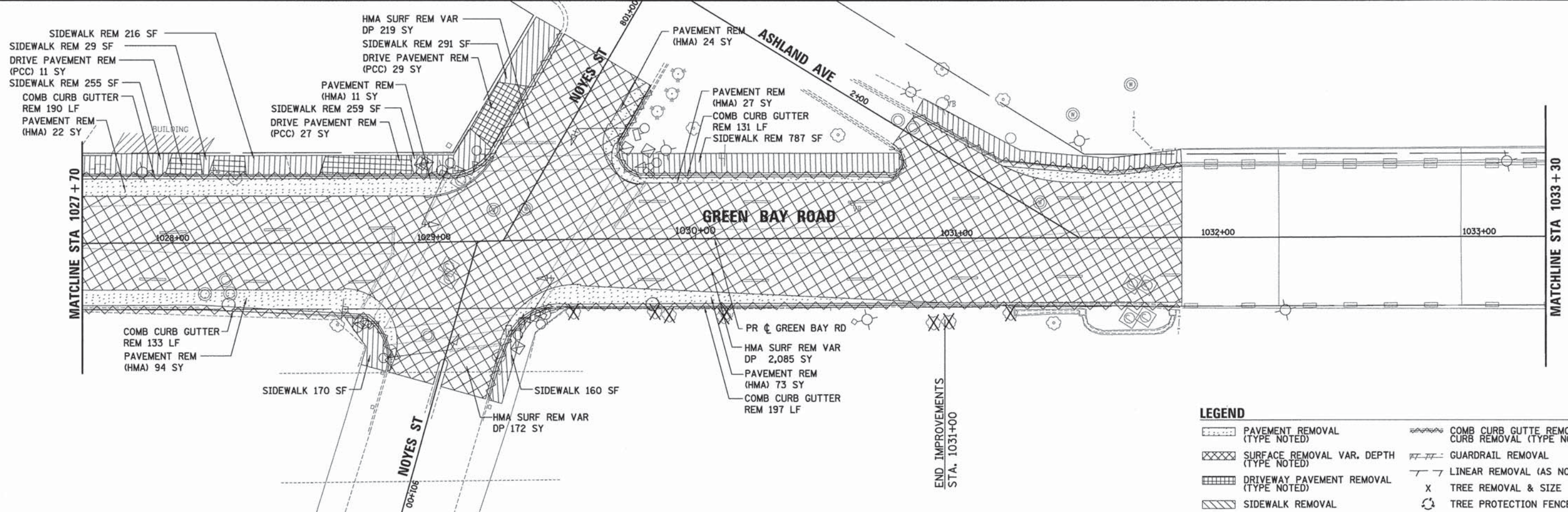
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	43
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

FILE NAME: ER081-sh-r-em_01.dgn

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
ALIGNMENT CHECKED	
NOTED	
CADD FILE NAME	
PLAN	
NOTE BOOK NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
PROFILE	
NOTE BOOK NO.	



LEGEND

[Pattern]	PAVEMENT REMOVAL (TYPE NOTED)	[Pattern]	COMB CURB GUTTER REMOVAL / CURB REMOVAL (TYPE NOTED)
[Pattern]	SURFACE REMOVAL VAR. DEPTH (TYPE NOTED)	[Pattern]	GUARDRAIL REMOVAL
[Pattern]	DRIVEWAY PAVEMENT REMOVAL (TYPE NOTED)	[Pattern]	LINEAR REMOVAL (AS NOTED)
[Pattern]	SIDEWALK REMOVAL	[Symbol]	TREE REMOVAL & SIZE
		[Symbol]	TREE PROTECTION FENCE



USER NAME = bherr150hs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

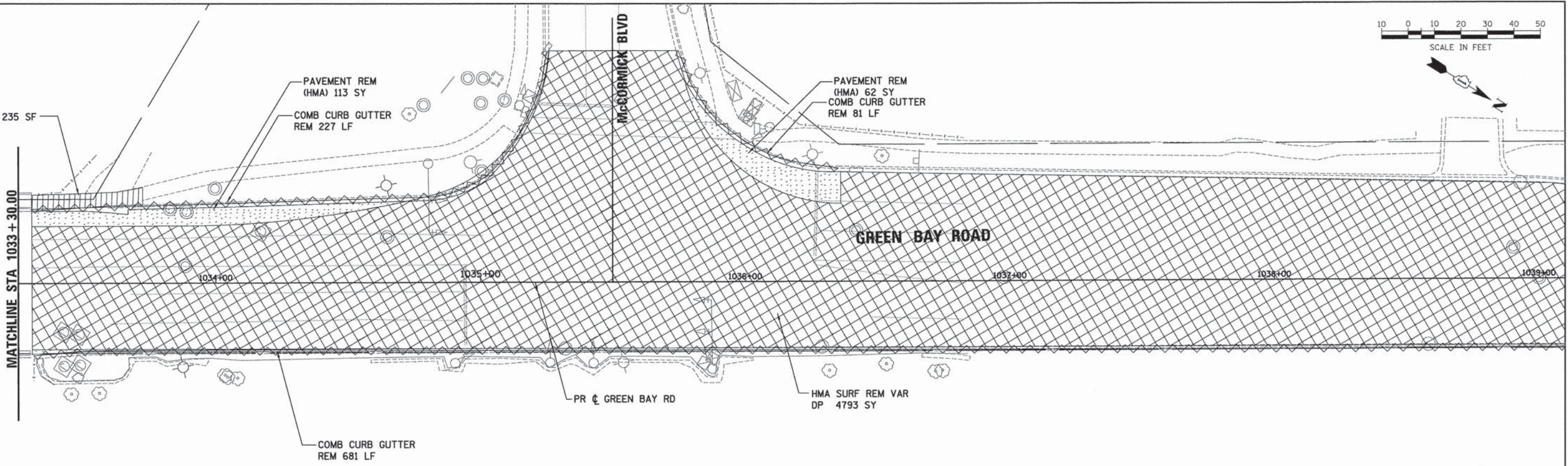
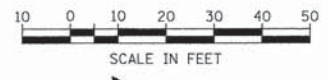
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
 GREEN BAY ROAD

SCALE:	SHEET 3 OF 8 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	45
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

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	PLOTTED		
	CHECKED		
	FILED		
	NO. OF WAY CHECKED		
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LEGEND

PAVEMENT REMOVAL (TYPE NOTED)	COMB CURB GUTTE REMOVAL / CURB REMOVAL (TYPE NOTED)
SURFACE REMOVAL VAR. DEPTH (TYPE NOTED)	GUARDRAIL REMOVAL
DRIVEWAY PAVEMENT REMOVAL (TYPE NOTED)	LINEAR REMOVAL (AS NOTED)
SIDEWALK REMOVAL	TREE REMOVAL & SIZE
	TREE PROTECTION FENCE

FILE NAME: E:\0011_sht_4-rm_BA.dgn

ESI CONSULTANTS, LTD.
 100 W. JACKSON STREET, SUITE 100
 CHICAGO, IL 60604
 (312) 467-1000
 www.esiconsultants.com

USER NAME = bhenrschs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED -
PLOT SCALE = 20.0000' / 1" =	CHECKED - MAR	REVISED -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

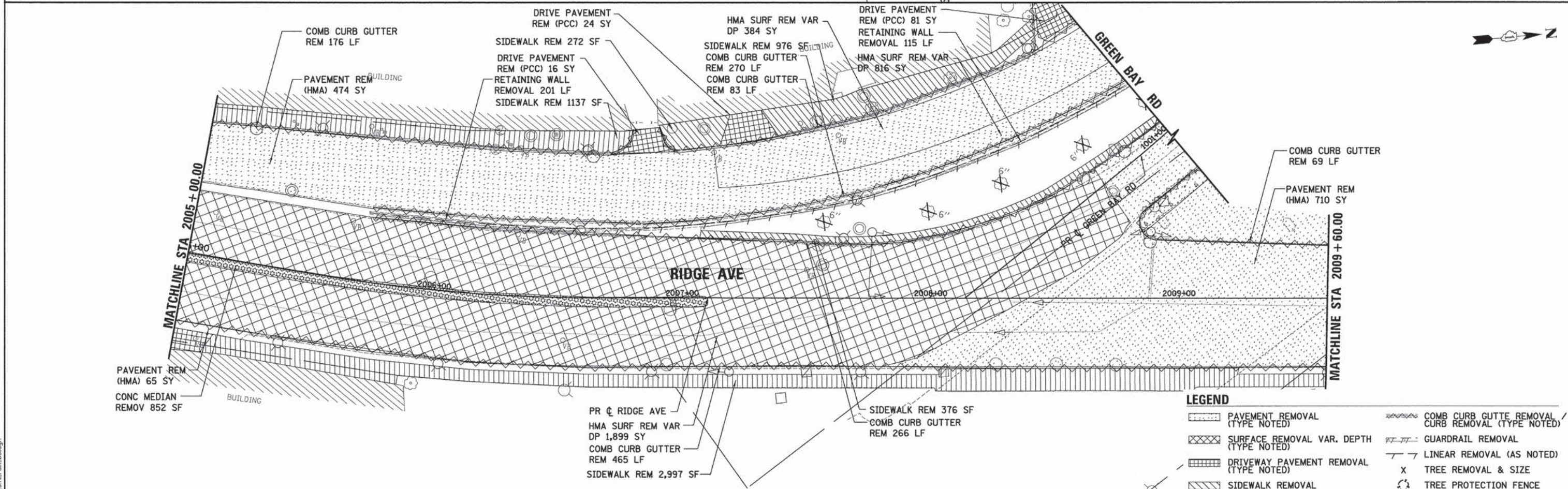
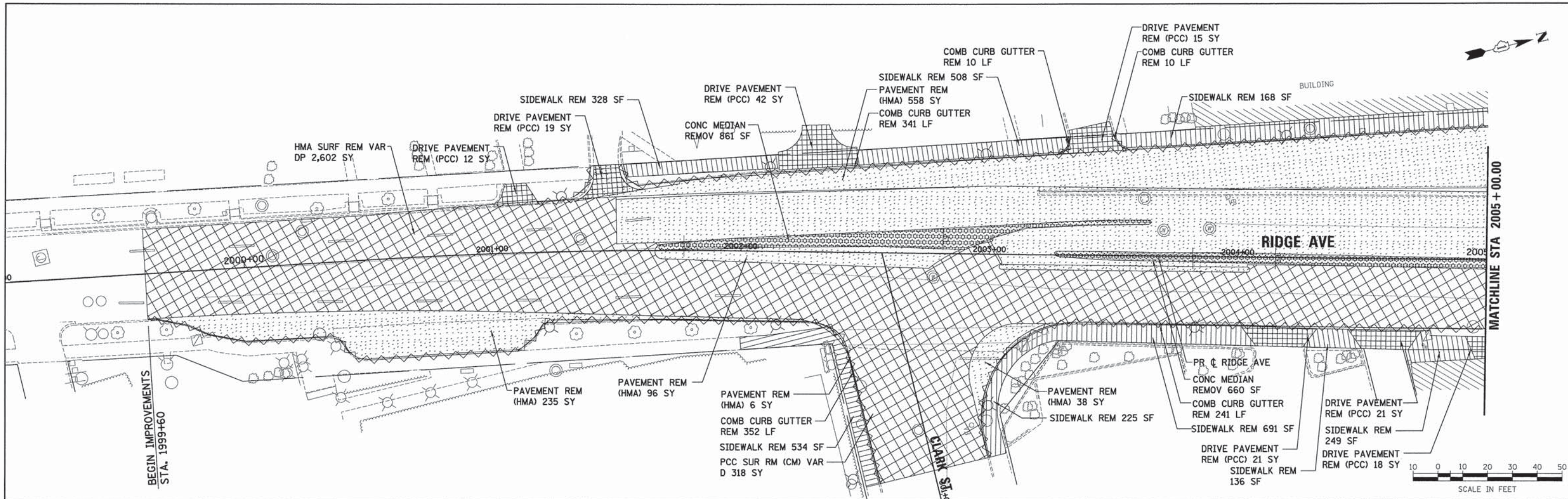
**REMOVAL PLANS
GREEN BAY ROAD**

SCALE:	SHEET 4 OF 8 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	46
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	

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



LEGEND

	PAVEMENT REMOVAL (TYPE NOTED)		COMB CURB GUTTE REMOVAL (TYPE NOTED)
	SURFACE REMOVAL VAR. DEPTH (TYPE NOTED)		GUARDRAIL REMOVAL
	DRIVEWAY PAVEMENT REMOVAL (TYPE NOTED)		LINEAR REMOVAL (AS NOTED)
	SIDEWALK REMOVAL		TREE REMOVAL & SIZE
			TREE PROTECTION FENCE

ESI CONSULTANTS, LTD.
 2015 AND 2016
 1000 N. WASHINGTON ST.
 CHICAGO, IL 60610
 www.esiconsultants.com

USER NAME = bherrsohs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED -
PLOT SCALE = 28.0000' / 1"	CHECKED - MAR	REVISED -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED -

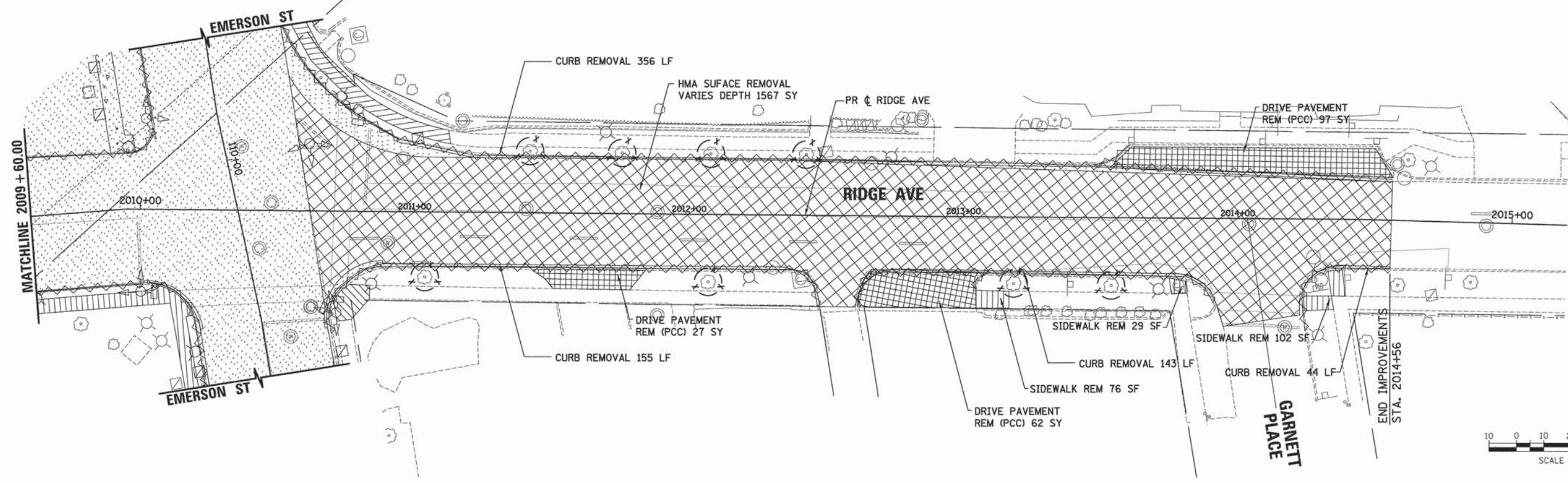
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
 RIDGE AVENUE**

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	47
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

FILE NAME: ER081_ah_ran_05.dgn



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	PAID FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		
	NO.		

LEGEND

- PAVEMENT REMOVAL (TYPE NOTED)
- SURFACE REMOVAL VAR. DEPTH (TYPE NOTED)
- DRIVEWAY PAVEMENT REMOVAL (TYPE NOTED)
- SIDEWALK REMOVAL
- COMB CURB GUTTE REMOVAL / CURB REMOVAL (TYPE NOTED)
- GUARDRAIL REMOVAL
- LINEAR REMOVAL (AS NOTED)
- TREE REMOVAL & SIZE
- TREE PROTECTION FENCE

FILE NAME: ERGB1.sht_rmm_08.dgn

ESI CONSULTANTS, LTD.
1000 N. MICHIGAN, SUITE 100
 CHICAGO, IL 60610
 312.467.1000

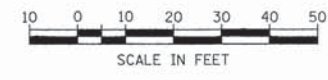
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	DRAWN - BAH	REVISED -
PLOT SCALE = 28,00000' / 1" =	CHECKED - MAR	REVISED -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

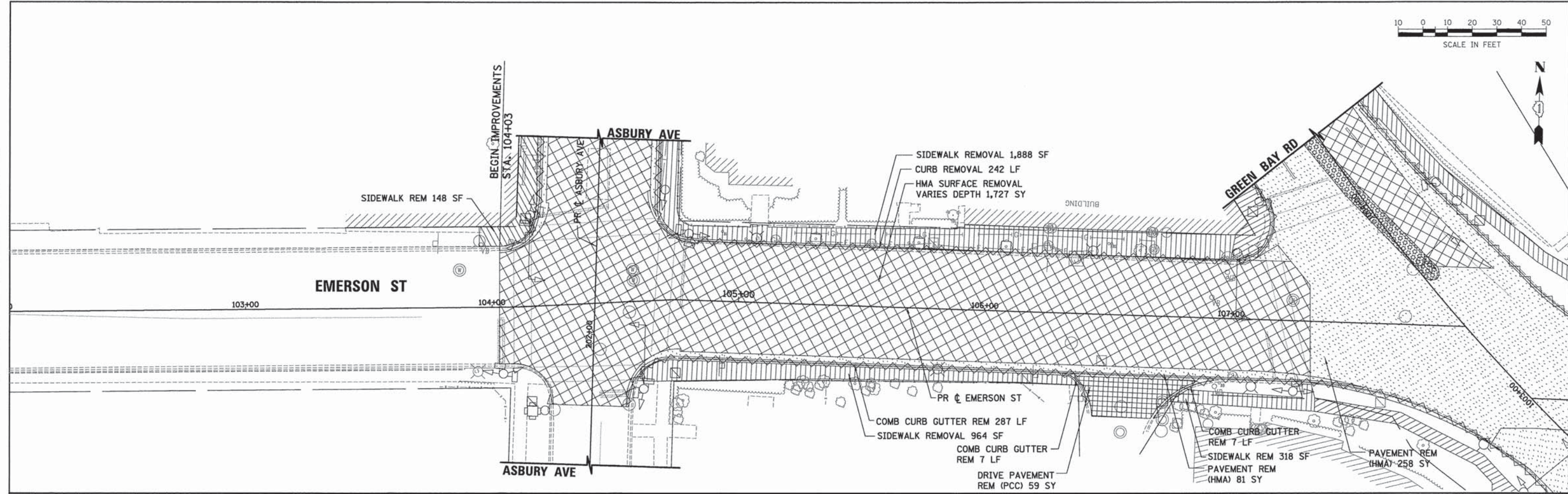
**REMOVAL PLANS
 RIDGE AVENUE**

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

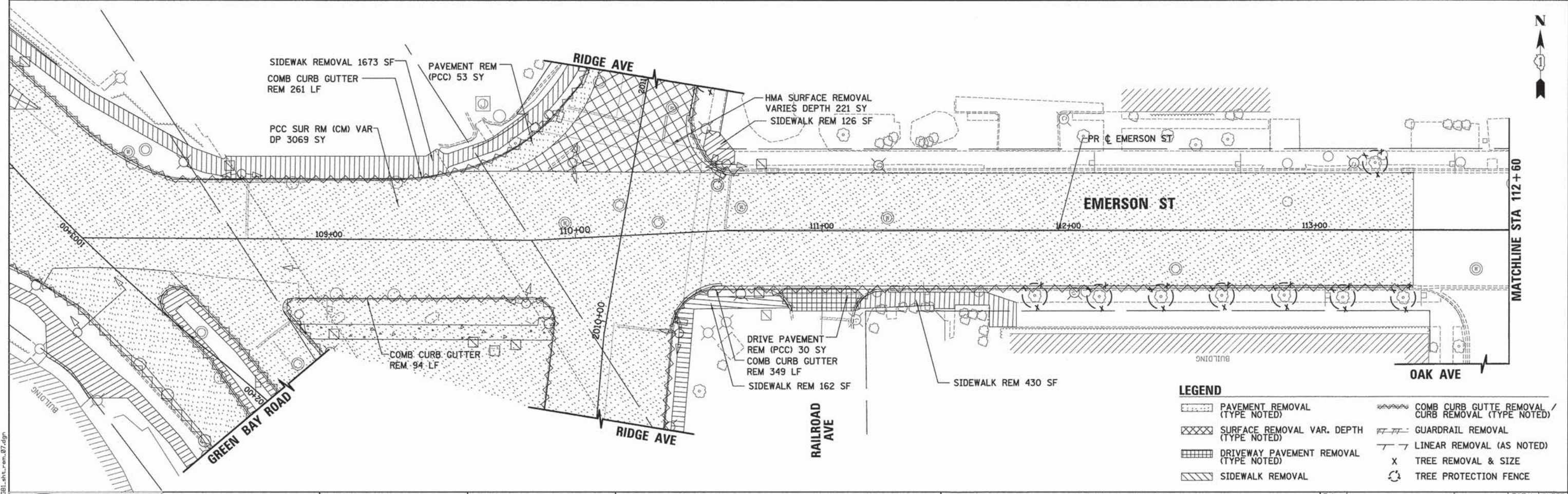
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	48
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	ROAD FILE NAME	
	NO.	



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



LEGEND

PAVEMENT REMOVAL (TYPE NOTED)	COMB CURB GUTTE REMOVAL / CURB REMOVAL (TYPE NOTED)
SURFACE REMOVAL VAR. DEPTH (TYPE NOTED)	GUARDRAIL REMOVAL
DRIVEWAY PAVEMENT REMOVAL (TYPE NOTED)	LINEAR REMOVAL (AS NOTED)
SIDEWALK REMOVAL	X TREE REMOVAL & SIZE
	TREE PROTECTION FENCE



USER NAME = bharrische	DESIGNED - BAH	REVISED - -
PLOT SCALE = 28.0000' / 1"	DRAWN - BAH	REVISED - -
PLOT DATE = 1/7/2016	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
EMERSON STREET**

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

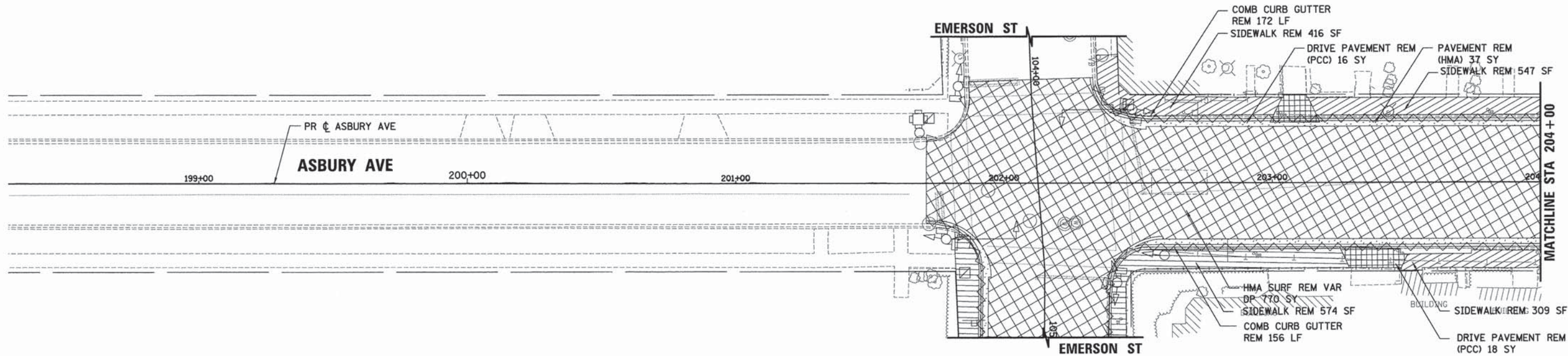
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	49
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				



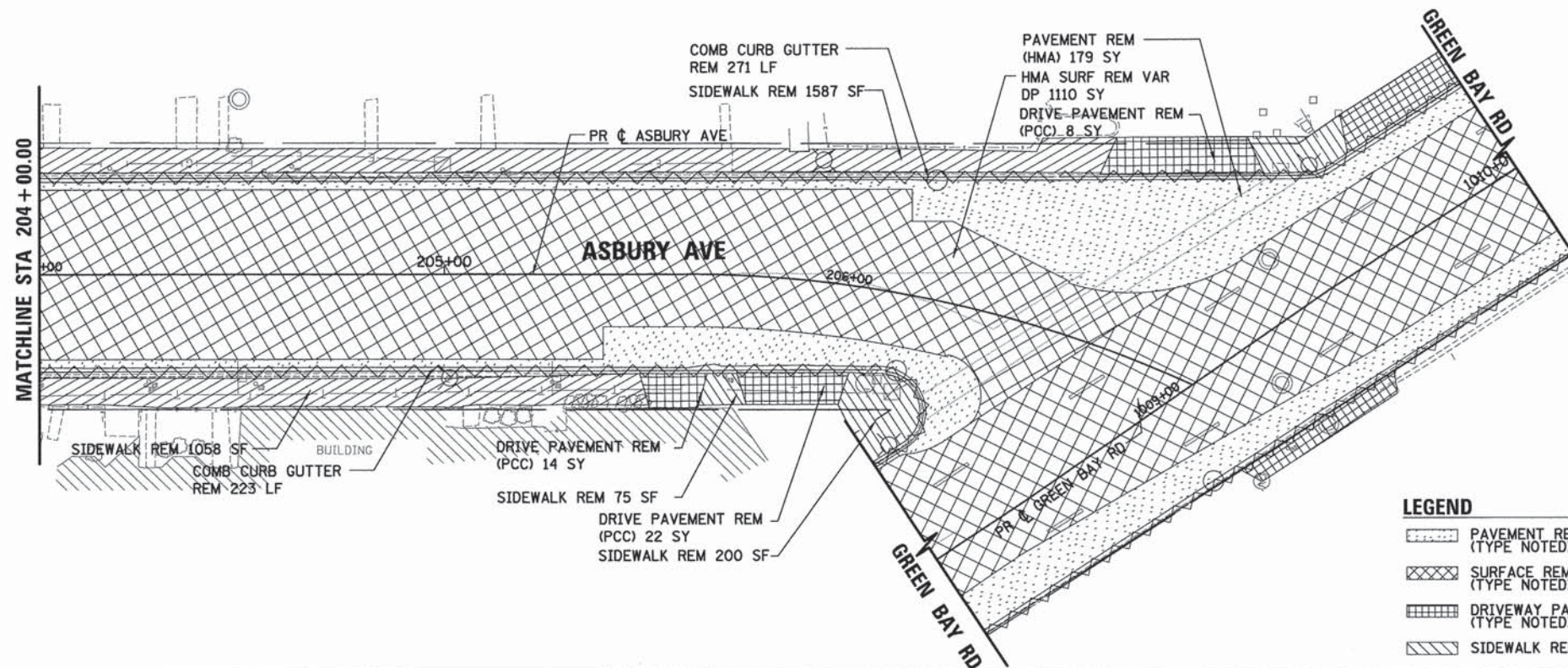
SCALE IN FEET



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



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



LEGEND

- PAVEMENT REMOVAL (TYPE NOTED)
- SURFACE REMOVAL VAR. DEPTH (TYPE NOTED)
- DRIVEWAY PAVEMENT REMOVAL (TYPE NOTED)
- SIDEWALK REMOVAL
- COMB CURB GUTTER REMOVAL / CURB REMOVAL (TYPE NOTED)
- GUARDRAIL REMOVAL
- LINEAR REMOVAL (AS NOTED)
- TREE REMOVAL & SIZE
- TREE PROTECTION FENCE



USER NAME = bhenrsohs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED -
PLOT SCALE = 20,0000' / 1" =	CHECKED - MAR	REVISED -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**REMOVAL PLANS
ASBURY AVENUE**

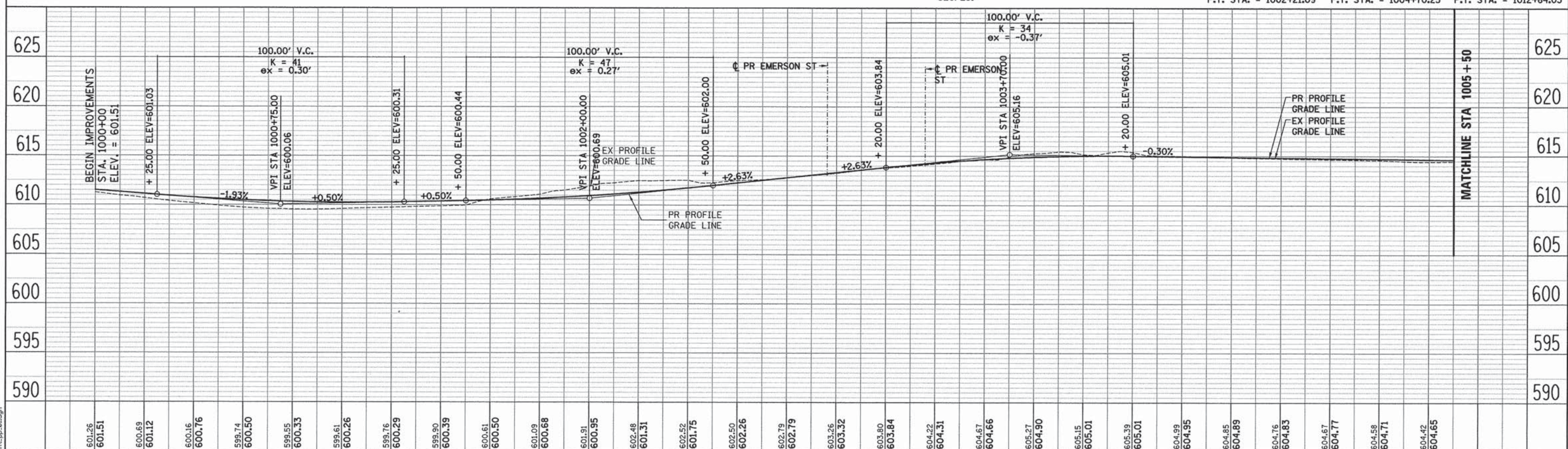
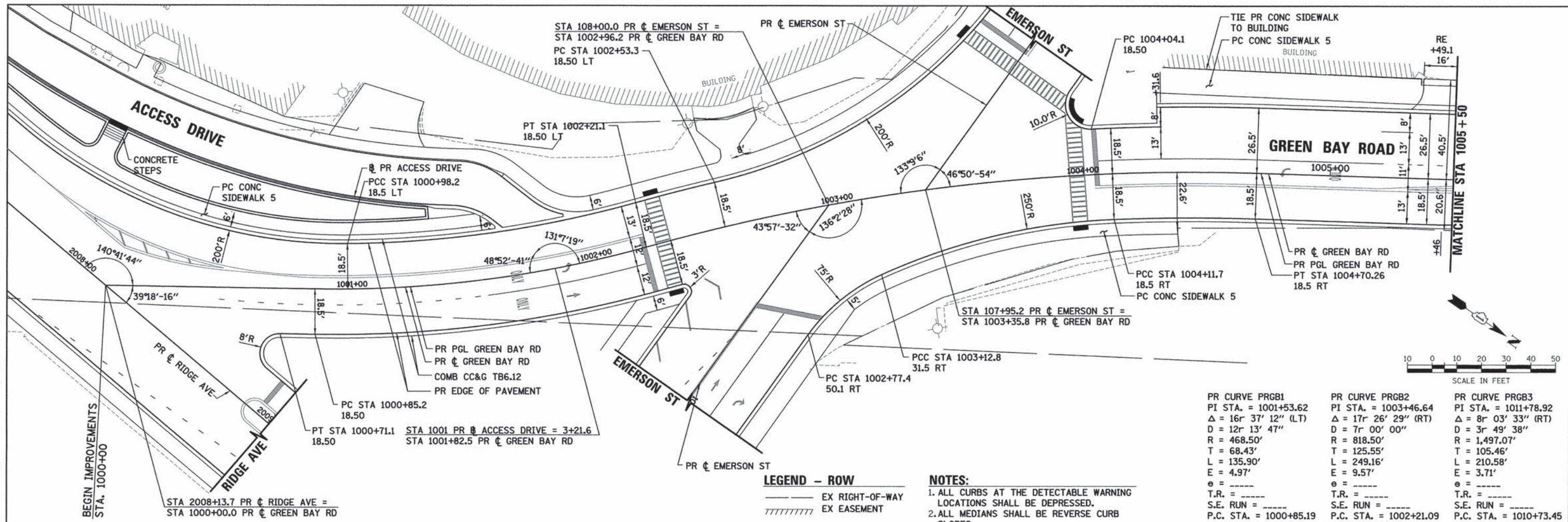
SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	50
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

FILE NAME: E:\PROJECTS\13-00270-00-CH\ASBURY.dgn

PLAN	DATE
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	

PROFILE	DATE
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	



601.26	601.51	600.69	601.12	600.16	600.76	599.74	600.50	599.55	600.33	599.61	600.26	599.76	600.29	599.90	600.39	600.61	600.50	601.09	600.68	601.91	600.95	602.48	601.31	602.52	601.75	602.50	602.26	602.79	602.79	603.26	603.32	603.80	603.84	604.22	604.31	604.67	604.66	605.27	604.90	605.15	605.01	605.39	605.01	604.99	604.95	604.85	604.89	604.76	604.83	604.67	604.77	604.58	604.71	604.42	604.65
1000+00										1001+00					1002+00					1003+00					1004+00					1005+00																									
USER NAME = bhenr:ichs										DESIGNED - BAH					REVISED - -					DESIGNED - BAH					REVISED - -					DESIGNED - BAH					REVISED - -																				
PLOT SCALE = 20.0000' / in.										CHECKED - MAR					REVISED - -					CHECKED - MAR					REVISED - -					CHECKED - MAR					REVISED - -																				
PLOT DATE = 1/28/2016										DATE - 10/9/2015					REVISED - -					DATE - 10/9/2015					REVISED - -					DATE - 10/9/2015					REVISED - -																				

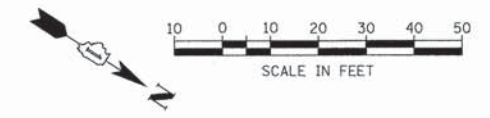
ESI
ESI CONSULTANTS, LTD.
1000 W. FULLER AVENUE, SUITE 100
MOUNTAIN VIEW, ILLINOIS 60061
TEL: 630.286.7000 FAX: 630.286.7001
WWW.ESI-CONSULTANTS.COM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

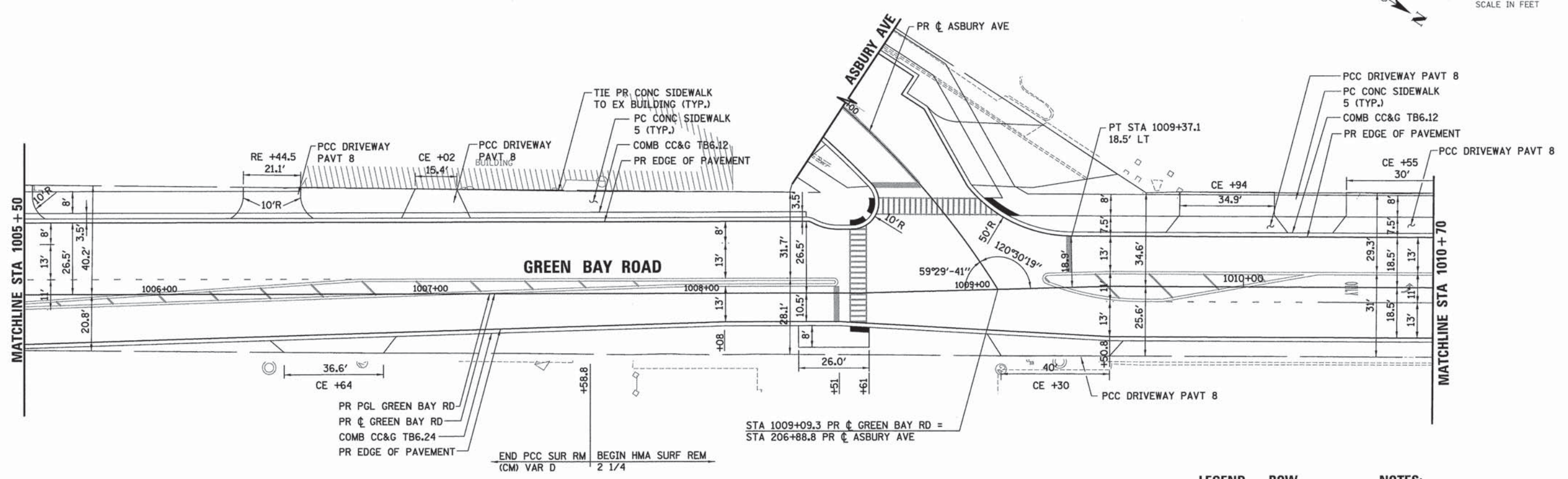
PLAN AND PROFILE SHEETS
GREEN BAY ROAD

SCALE: SHEET 1 OF 16 SHEETS STA. TO STA.

F.A. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	51
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				



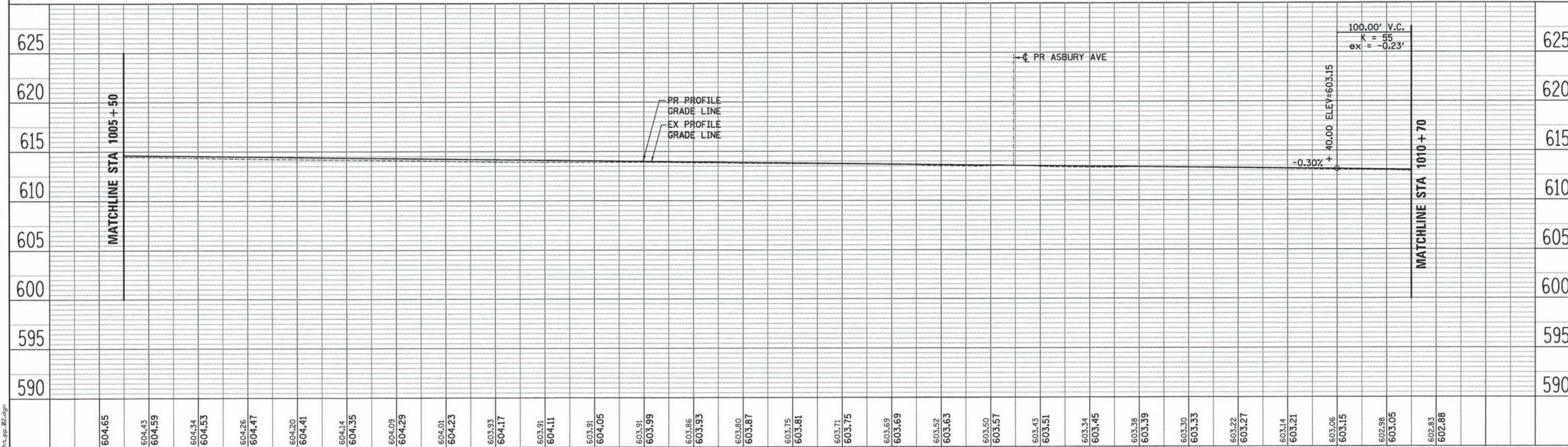
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		



LEGEND - ROW
 ——— EX RIGHT-OF-WAY
 // // // // EX EASEMENT

NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

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

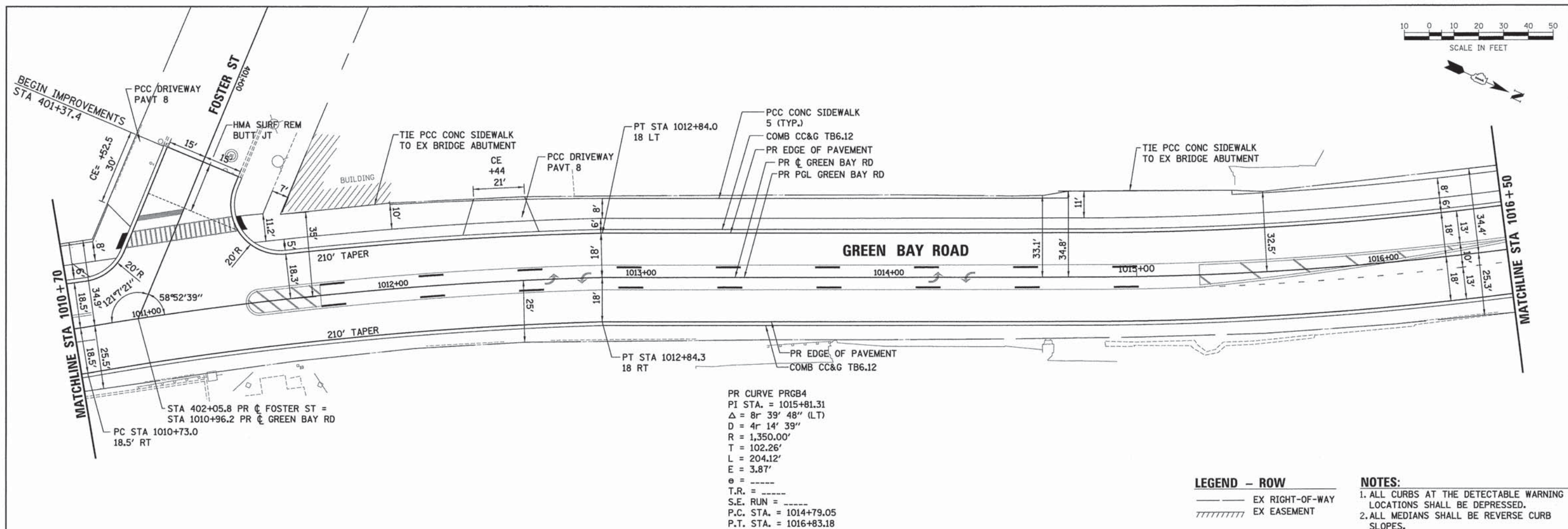


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1006+00										1007+00										1008+00										1009+00										1010+00														
USER NAME = bhenrichs		DESIGNED - BAH		REVISED -		DRAWN - BAH		REVISED -		CHECKED - MAR		REVISED -		DATE - 10/9/2015		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION																PLAN AND PROFILE SHEETS GREEN BAY ROAD		F.A. RTE. -		SECTION 13-00270-00-CH		COUNTY COOK		TOTAL SHEETS 393		SHEET NO. 52										
PLOT SCALE = 20.0000' / 1" =		PLOT DATE = 1/7/2016		SCALE:		SHEET 2 OF 16 SHEETS		STA. TO STA.		CONTRACT NO. G1C32		ILLINOIS FED. AID PROJECT																																										

FILE NAME: EPG01-sh1-pp_02.dgn



PLAN	SURVEYED	DATE
	ALIGNED	BY
	NOTED	
	RT. OF WAY CHECKED	
	NO. FILE NAME	

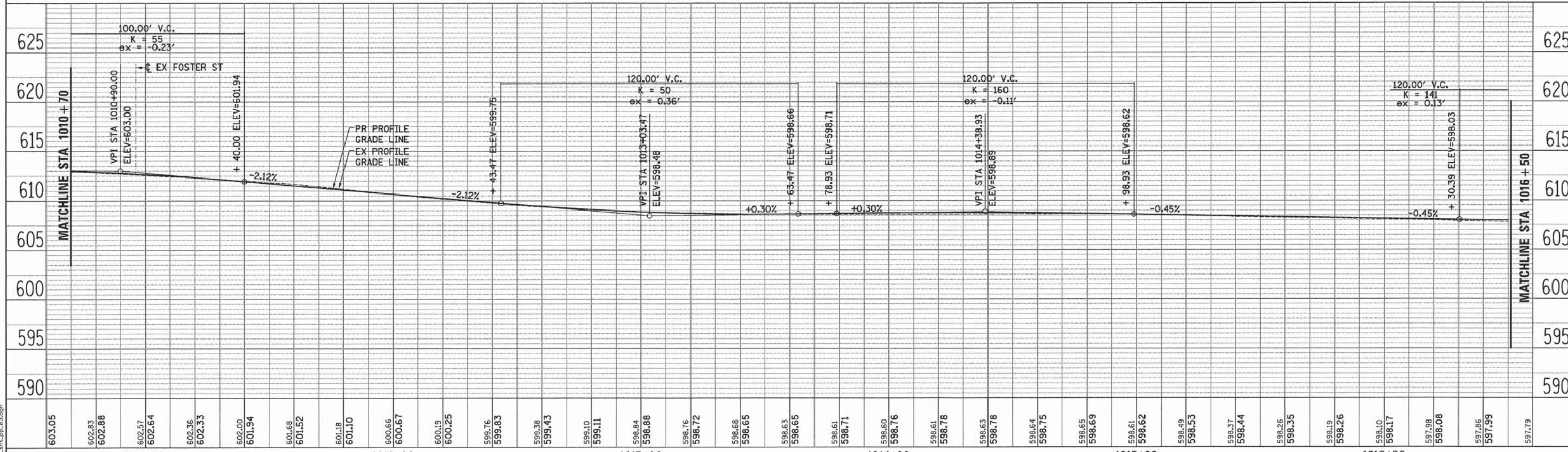


PR CURVE PRGB4
 PI STA. = 1015+81.31
 $\Delta = 8^\circ 39' 48''$ (LT)
 $D = 4^\circ 14' 39''$
 $R = 1,350.00'$
 $T = 102.26'$
 $L = 204.12'$
 $E = 3.87'$
 $e = \text{-----}$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1014+79.05
 P.T. STA. = 1016+83.18

LEGEND - ROW
 ——— EX RIGHT-OF-WAY
 ////////////// EX EASEMENT

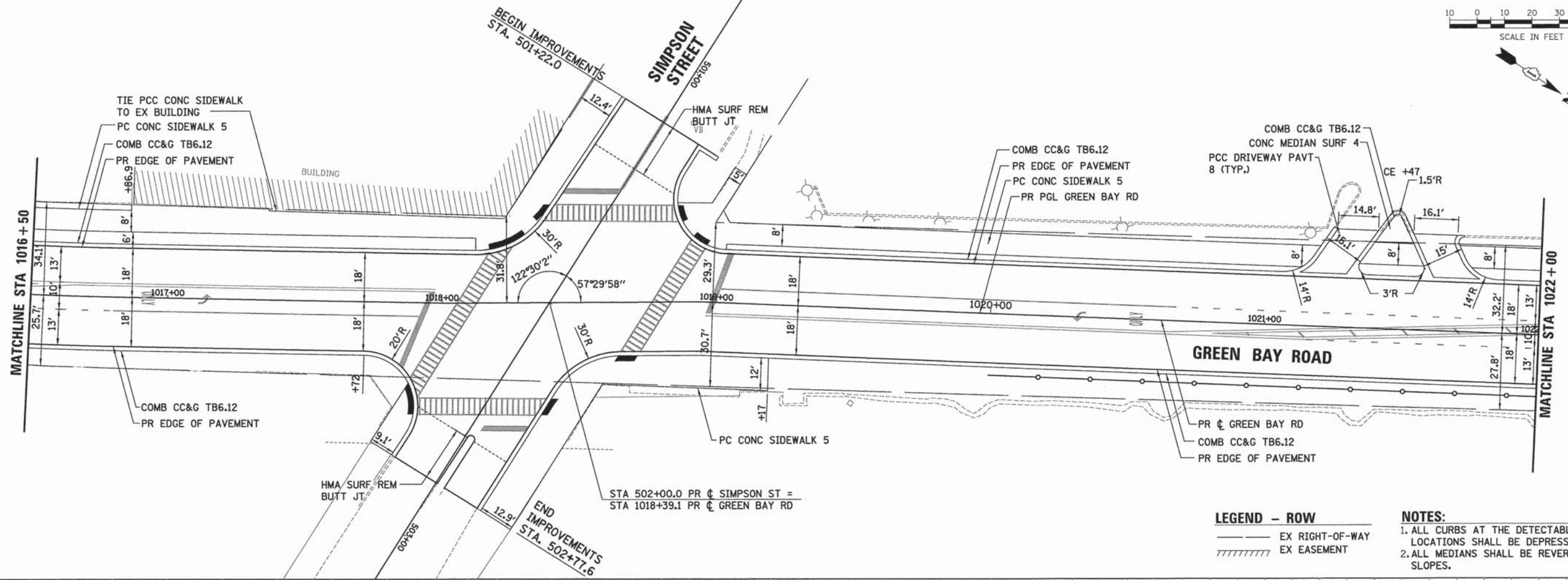
NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

PROFILE	SURVEYED	DATE
	PLACED	BY
	NOTED	
	STRUCTURE NOTATIONS CHKD	



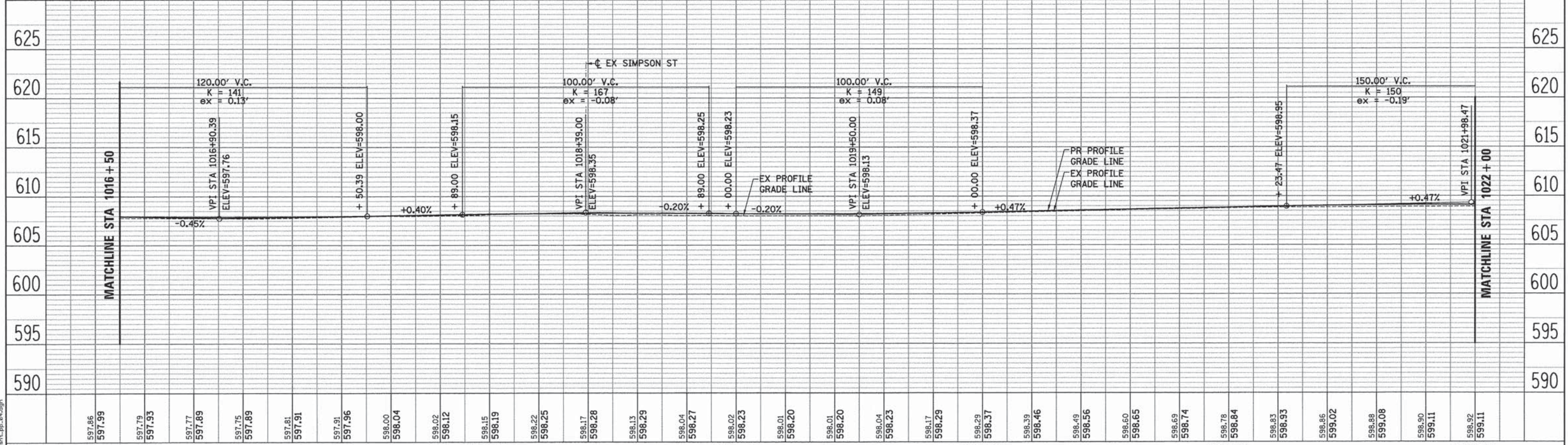
FILE NAME: ER081...sh1...pp-83.dgn

ESI CONSULTANTS, LTD. 2010 N. WISCONSIN ST., SUITE 200 CHICAGO, IL 60647	USER NAME = bhanracha	DESIGNED - BAH	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEETS GREEN BAY ROAD	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. - 13-00270-00-CH COOK 393 53
	PLOT SCALE = 28.0000' / 1"	DRAWN - BAH	REVISED - -			
	PLOT DATE = 1/7/2016	CHECKED - MAR	REVISED - -			
	DATE - 10/9/2015	DATE - 10/9/2015	REVISED - -			
SCALE: SHEET 3 OF 16 SHEETS STA. TO STA.		CONTRACT NO. 01C32		ILLINOIS FED. AID PROJECT		



LEGEND - ROW
 ——— EX RIGHT-OF-WAY
 ////////////// EX EASEMENT

NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.



PLAN	SURVEYED	DATE
	ALIGNED	
	NOTED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	ALIGNED	
	NOTED	
	BY	
	NO.	



USER NAME = bhenrichs	DESIGNED - BAH	REVISIONS
PLLOT SCALE = 20.0000' / 1" =	DRAWN - BAH	REVISIONS
PLLOT DATE = 1/7/2016	CHECKED - MAR	REVISIONS
	DATE - 10/9/2015	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

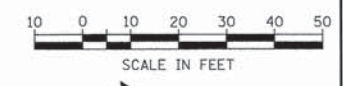
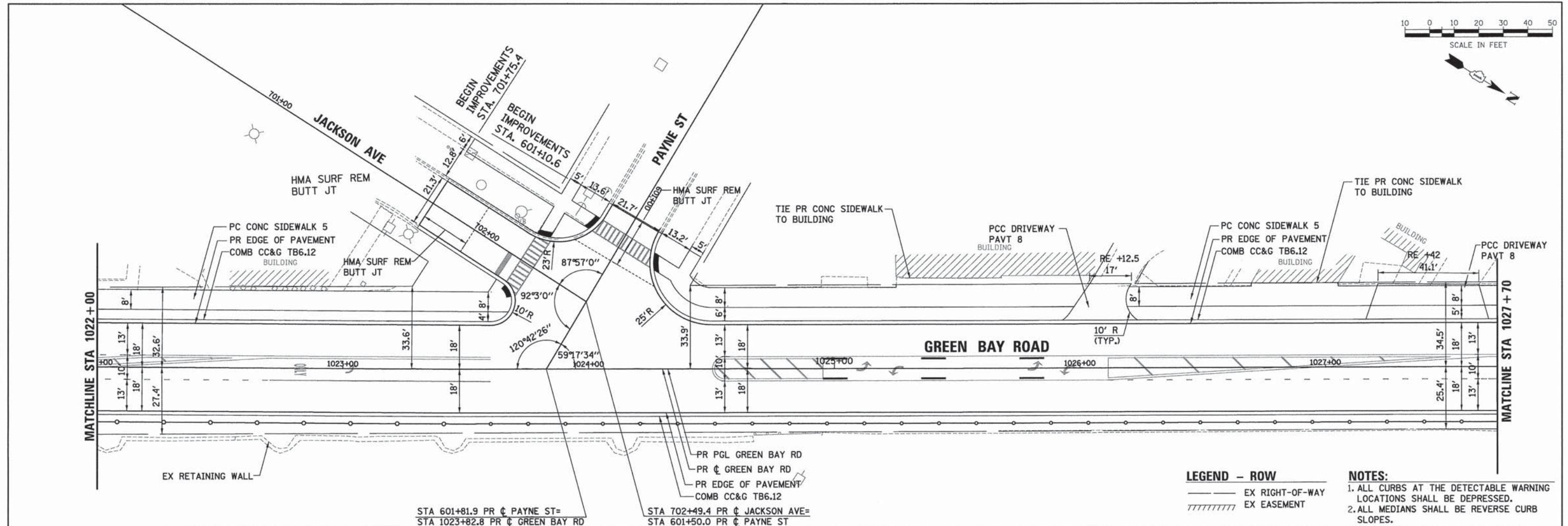
**PLAN AND PROFILE SHEETS
GREEN BAY ROAD**

SCALE: SHEET 4 OF 16 SHEETS STA. TO STA.

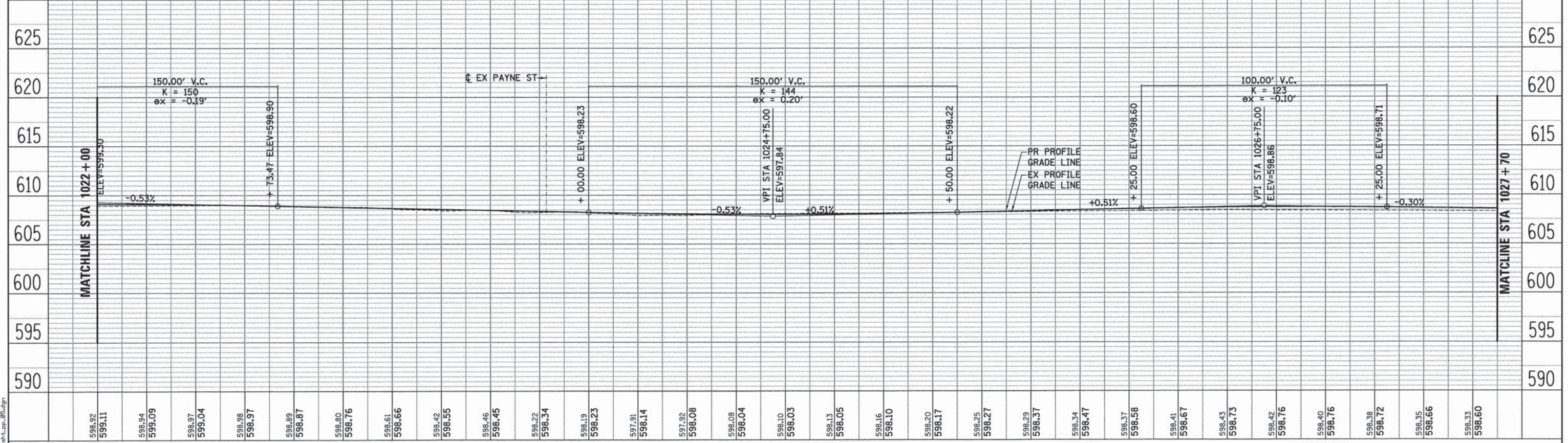
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	54
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	FILED	
	NO.	

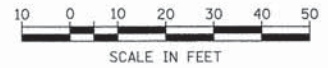


- LEGEND - ROW**
 _____ EX RIGHT-OF-WAY
 //////////////// EX EASEMENT
- NOTES:**
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 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

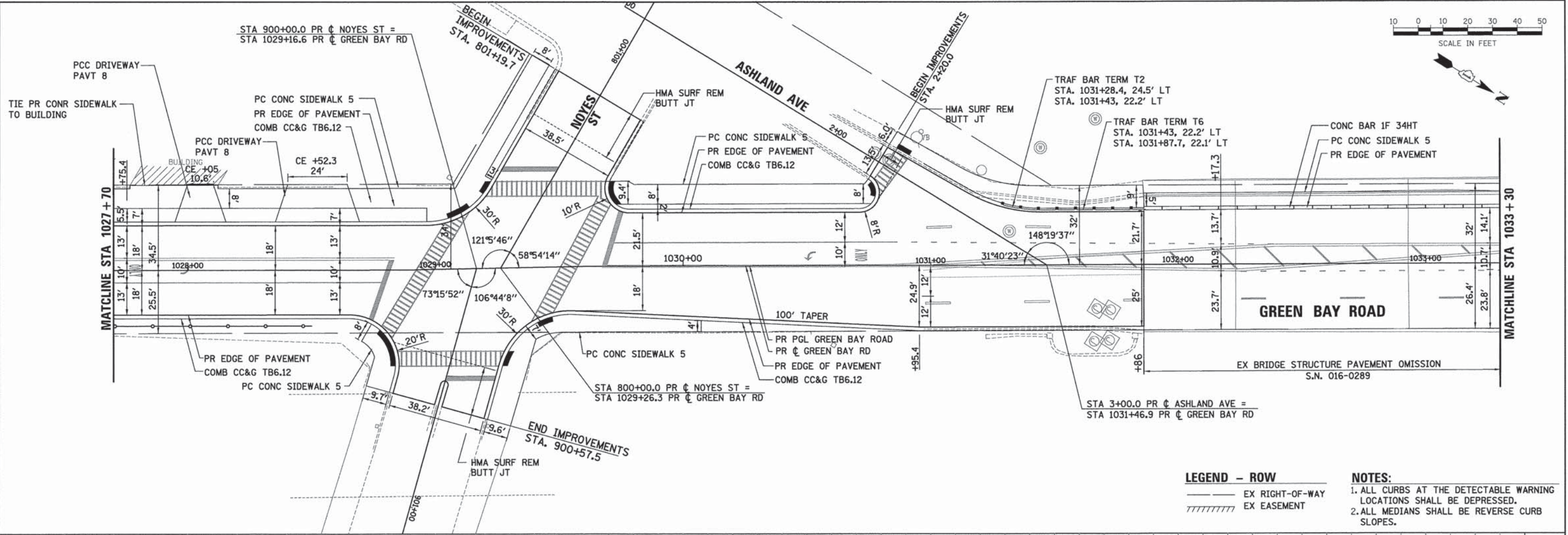


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MATCHLINE STA 1022+00										MATCHLINE STA 1023+00										MATCHLINE STA 1024+00										MATCHLINE STA 1025+00										MATCHLINE STA 1026+00										MATCHLINE STA 1027+00									
1022+00					1023+00					1024+00					1025+00					1026+00					1027+00					F.A. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.																					
ESCONSULTANTS, LTD.					DESIGNED - BAH					REVISED -					STATE OF ILLINOIS					PLAN AND PROFILE SHEETS					13-00270-00-CH		COOK		393		55																												
ESCONSULTANTS, LTD.					DRAWN - BAH					REVISED -					DEPARTMENT OF TRANSPORTATION					GREEN BAY ROAD																																							
PLOT SCALE = 28.0000' / 1".					CHECKED - MAR					REVISED -																																																	
PLOT DATE = 1/7/2016					DATE - 10/9/2015					REVISED -																																																	
SCALE:					SHEET 5 OF 16 SHEETS					STA. TO STA.																																																	
ILLINOIS FED. AID PROJECT																																																											

FILE NAME: ER081_sht-pp_05.dgn



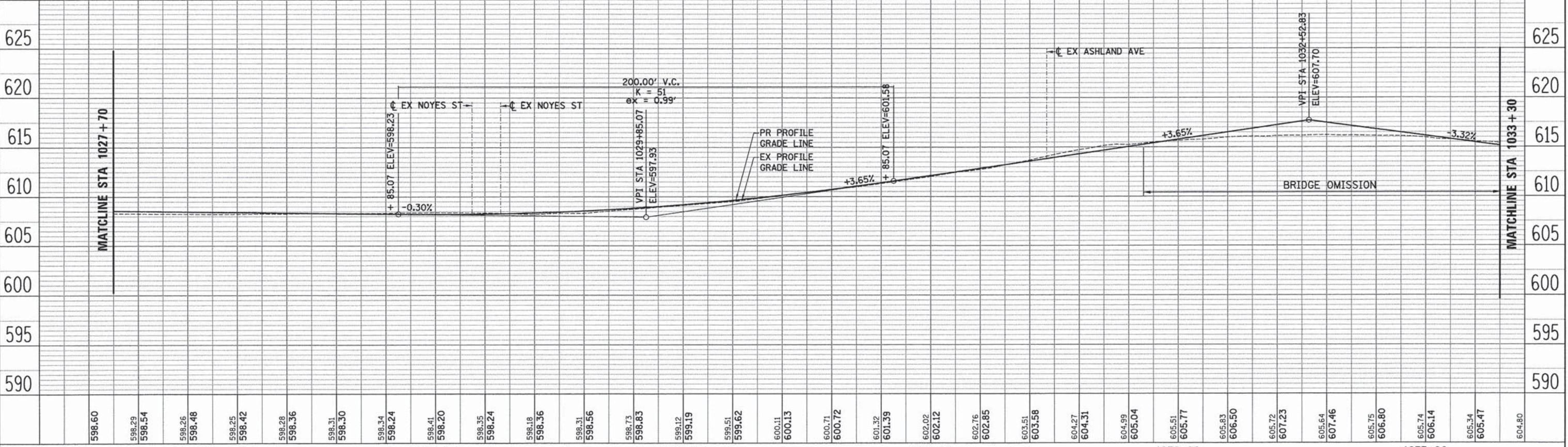
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		



LEGEND - ROW
 ——— EX RIGHT-OF-WAY
 // // // // EX EASEMENT

NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		



598.60	598.29	598.54	598.26	598.48	598.25	598.42	598.28	598.36	598.31	598.30	598.34	598.24	598.41	598.20	598.35	598.24	598.18	598.36	598.31	598.56	598.73	598.83	599.12	599.19	599.51	599.62	600.11	600.13	600.71	600.72	601.32	601.39	602.02	602.12	602.76	602.85	603.51	603.58	604.27	604.31	604.99	605.04	605.51	605.77	605.83	606.50	605.72	607.23	605.64	607.46	605.75	606.80	605.74	606.14	605.34	605.47	604.80
1028+00										1029+00					1030+00					1031+00					1032+00					1033+00																											

ESI ESI CONSULTANTS, LTD.
 1000 N. WASHINGTON ST., SUITE 200
 CHICAGO, IL 60610
 TEL: 312.329.8000 FAX: 312.329.8001
 WWW.ESI-CONSULTANTS.COM

USER NAME = bhanrschs	DESIGNED - BAH	REVISED -
PLLOT SCALE = 28.0000' / 1" =	DRAWN - BAH	REVISED -
PLLOT DATE = 1/7/2016	CHECKED - MAR	REVISED -
	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

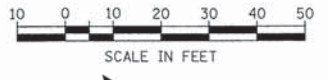
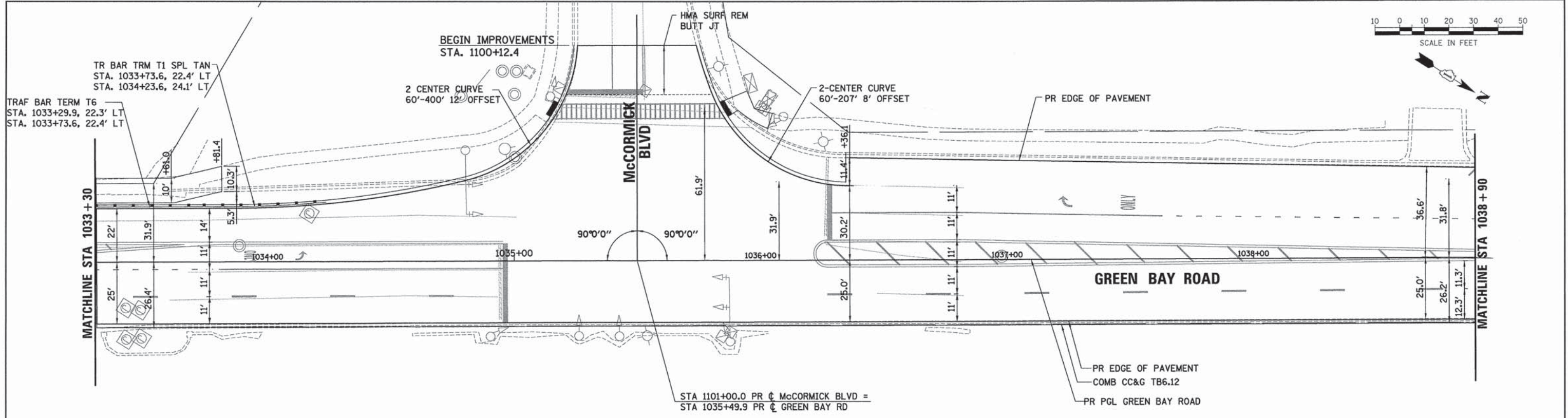
PLAN AND PROFILE SHEETS
GREEN BAY ROAD

SCALE: SHEET 6 OF 16 SHEETS STA. TO STA.

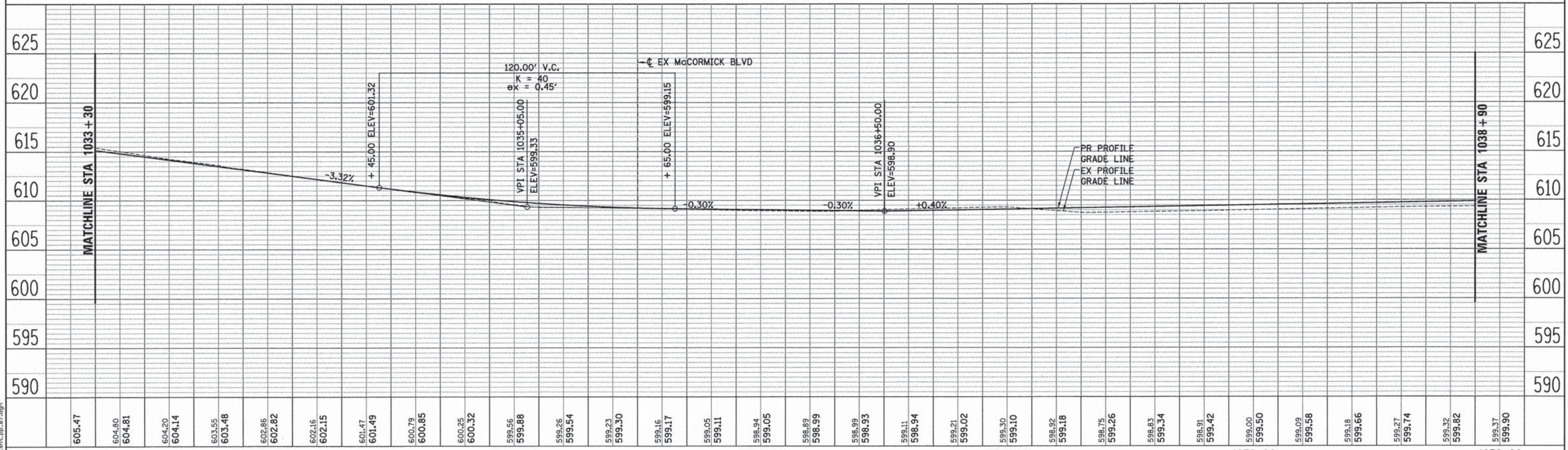
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00270-00-CH	COOK	393	56
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	

FILE NAME: ER081_sht_pp_06.dgn

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	NO.		



PROFILE	SURVEYED	BY	DATE
	GRADES		
	NOTED		
	NO.		



LEGEND - ROW

—— EX RIGHT-OF-WAY

///// EX EASEMENT

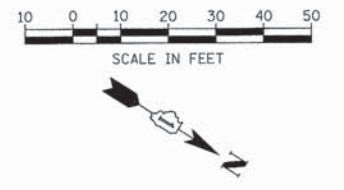
NOTES:

1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.

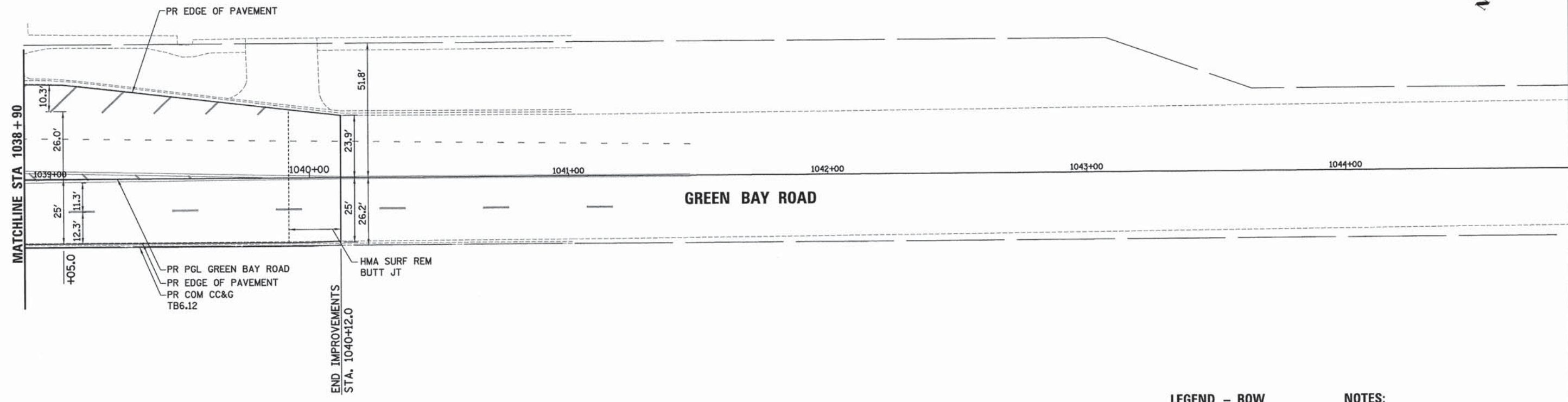
2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

605.47	604.80	604.81	604.20	604.14	603.55	603.48	602.86	602.82	602.16	602.15	601.47	601.49	600.79	600.85	600.25	600.32	599.56	599.88	599.26	599.54	599.23	599.30	599.16	599.17	599.05	599.11	598.94	599.05	598.89	598.99	598.93	599.11	598.94	599.21	599.02	599.30	599.10	598.92	599.18	598.75	599.26	598.83	599.34	598.91	599.42	599.00	599.50	599.09	599.56	599.18	599.66	599.27	599.74	599.32	599.82	599.37	599.90																																																																																												
1034+00										1035+00										1036+00										1037+00										1038+00										1039+00																																																																																																			
ESI CONSULTANTS, LTD. USER NAME = bhanrtoha DESIGNED - BAH DRAWN - BAH CHECKED - MAR DATE - 10/9/2015 PLOT SCALE = 28.0000' / 1"																														REVISIONS: REVISIONS - REVISIONS - REVISIONS - REVISIONS -																														STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION																														PLAN AND PROFILE SHEETS GREEN BAY ROAD																														F.A. RTE. SECTION 13-00270-00-CH COUNTY COOK TOTAL SHEETS 393 SHEET NO. 57 CONTRACT NO. G1C32 ILLINOIS FED. AID PROJECT																													
SCALE:															SHEET 7 OF 16 SHEETS STA. TO STA.																																																																																																																																						

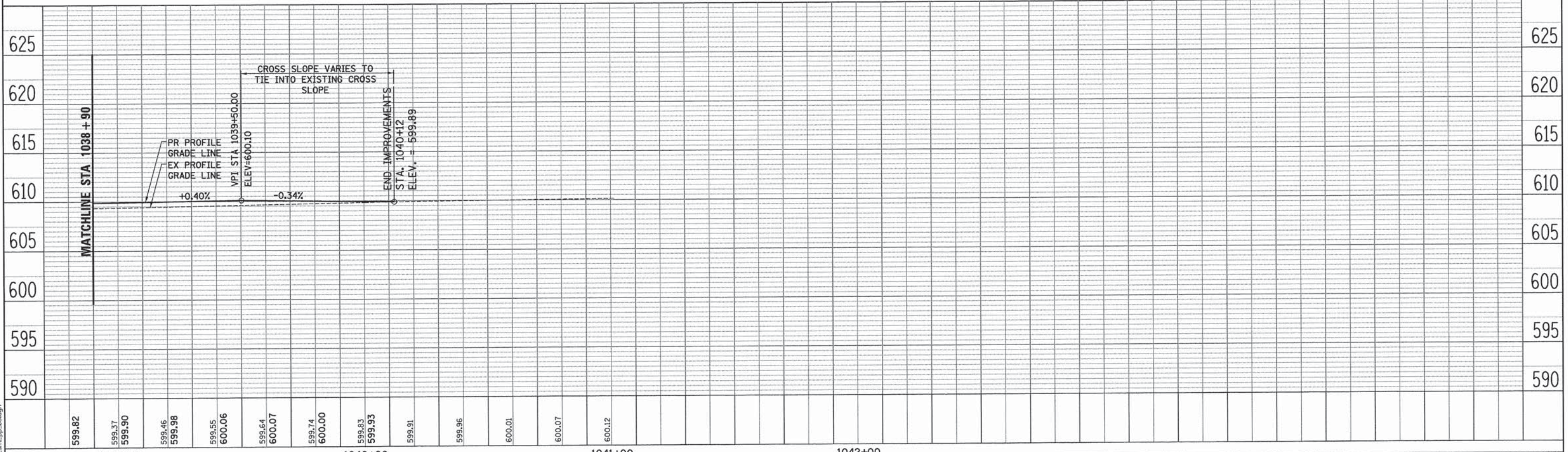
FILE NAME: ERGB1_sht.pp-07.dgn



PLAN	REVIEWED	DATE
	BY	
	CHECKED	
	DATE	
	FILE NAME	



PROFILE	REVIEWED	DATE
	BY	
	CHECKED	
	DATE	
	FILE NAME	



LEGEND - ROW
 ——— EX RIGHT-OF-WAY
 / / / / / EX EASEMENT

NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

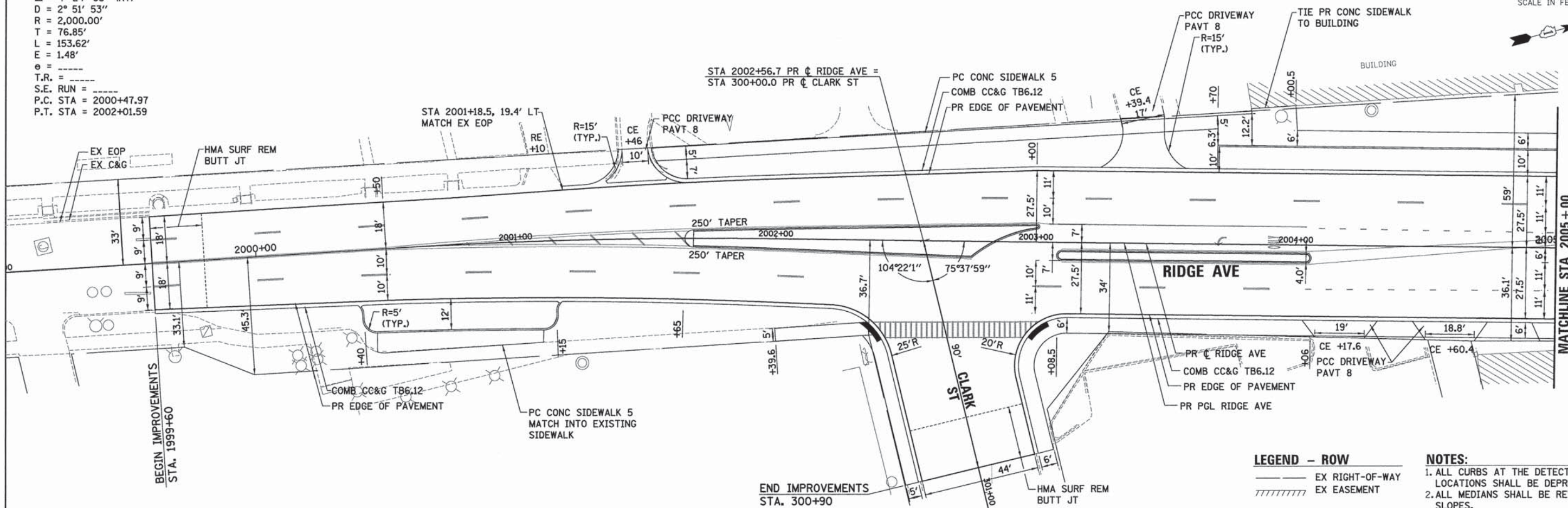
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	USER NAME = bhenrichs DESIGNED - BAH DRAWN - BAH CHECKED - MAR DATE - 10/9/2015	REVISIONS REVISION NO. DESCRIPTION - - - - - - - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEETS RIDGE AVENUE		F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. - 13-00270-00-CH COOK 393 58
	PLOT SCALE = 20.0000' / 1"	SCALE: SHEET 8 OF 16 SHEETS STA. TO STA.		CONTRACT NO. 61C32		
	PLOT DATE = 1/7/2016	ILLINOIS FED. AID PROJECT				

PROP. CURVE PRRID1
 PI STA. = 2001+24.82
 $\Delta = 4^\circ 24' 03''$ (RT)
 $D = 2^\circ 51' 53''$
 $R = 2,000.00'$
 $T = 76.85'$
 $L = 153.62'$
 $E = 1.48'$
 $\theta =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA = 2000+47.97$
 $P.T. STA = 2002+01.59$



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ATTEMPT	
	FILE NAME	
	NO.	



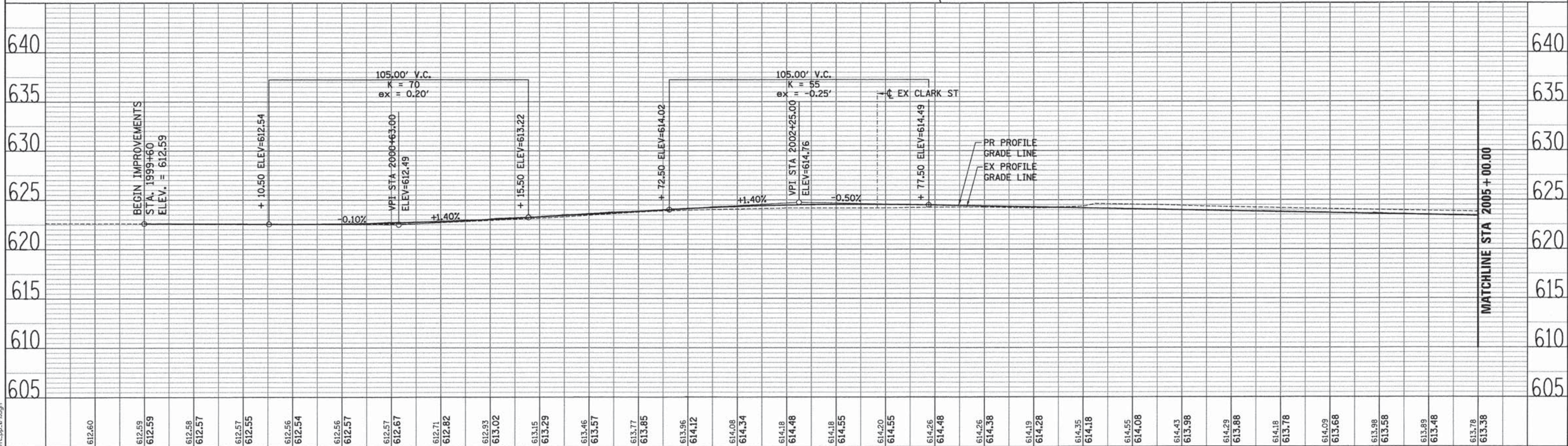
LEGEND - ROW

- EX RIGHT-OF-WAY
- //// EX EASEMENT

NOTES:

1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

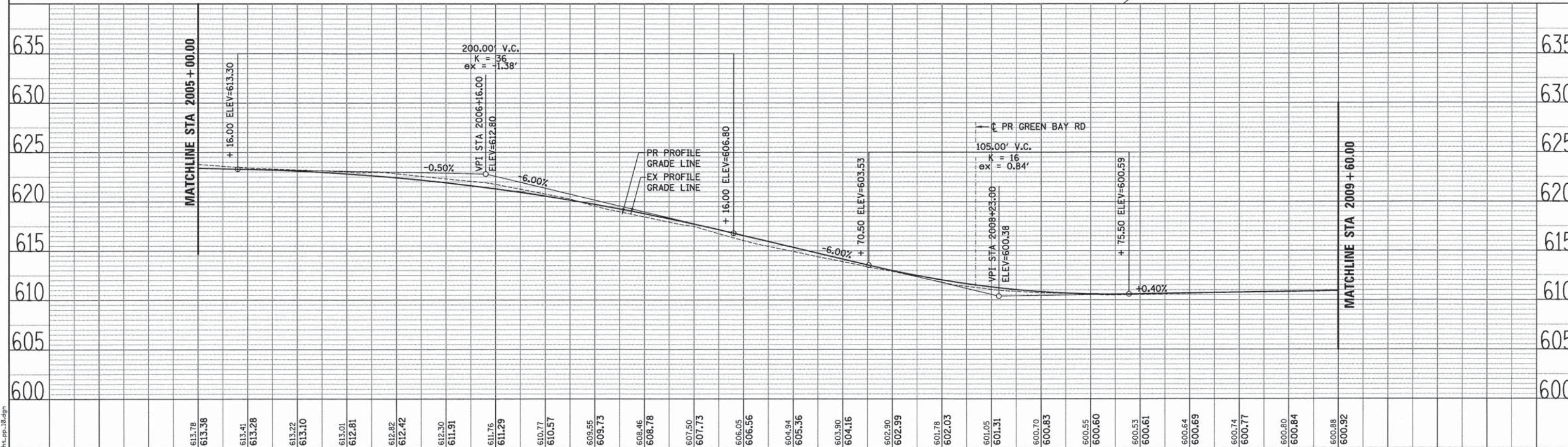
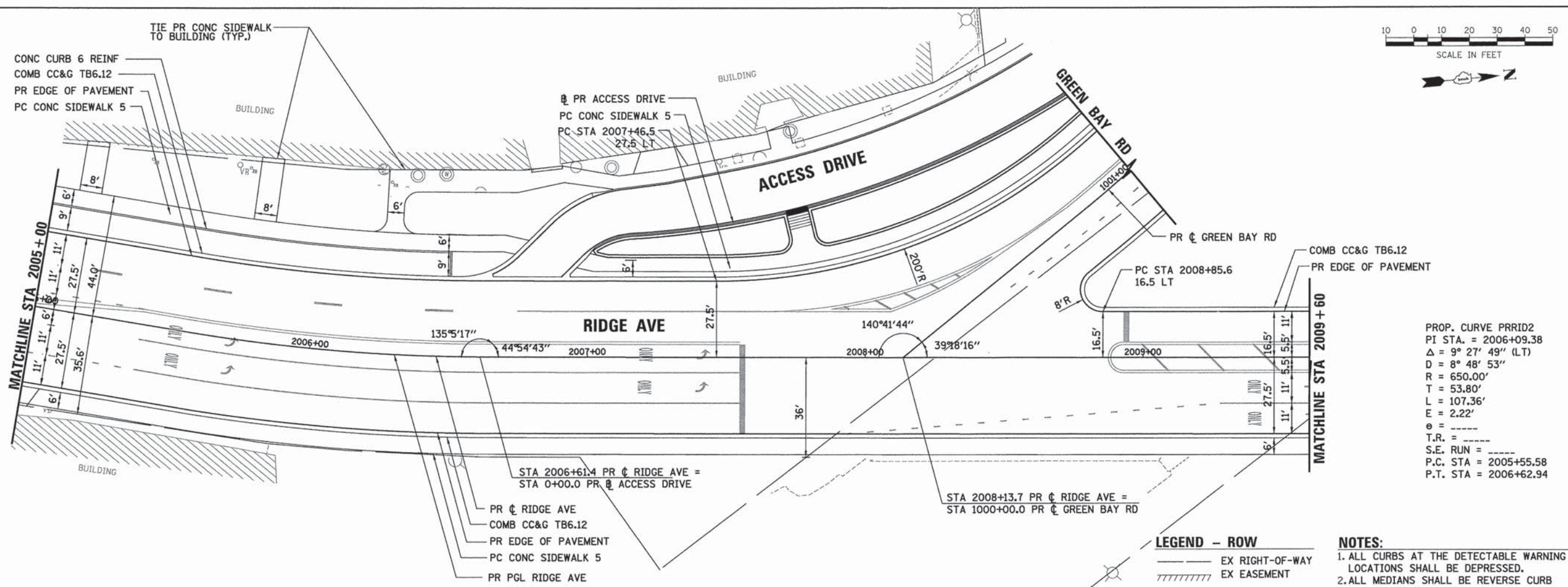
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ATTEMPT	
	FILE NAME	
	NO.	



612.60	612.59	612.58	612.57	612.55	612.56	612.54	612.56	612.57	612.67	612.71	612.82	612.93	613.02	613.15	613.29	613.46	613.57	613.77	613.85	613.96	614.12	614.08	614.34	614.18	614.48	614.18	614.55	614.20	614.55	614.26	614.48	614.26	614.38	614.19	614.28	614.35	614.18	614.55	614.08	614.43	613.98	614.29	613.98	614.18	613.78	614.09	613.68	613.98	613.58	613.89	613.48	613.78	613.38	613.38
2000+00					2001+00					2002+00					2003+00					2004+00					2005+00																													
USER NAME = bhenrichs		DESIGNED - BAH		REVISED -		DRAWN - BAH		REVISED -		CHECKED - MAR		REVISED -		DATE - 10/9/2015		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLAN AND PROFILE SHEETS RIDGE AVENUE										F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
PLOT SCALE = 20.0000' / 1"		PLOT DATE = 1/7/2016		13-00270-00-CH	COOK	393	59	CONTRACT NO. 61C32	ILLINOIS FED. AID PROJECT																																													

PLAN	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



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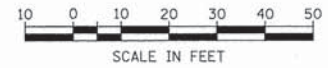
ESI CONSULTANTS, LTD.
 1111 S. WASHINGTON ST., SUITE 100
 DECATUR, IL 62521
 (618) 281-1111

USER NAME = bhenr10hs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - MAR	REVISED - -
	DATE - 10/9/2015	REVISED - -

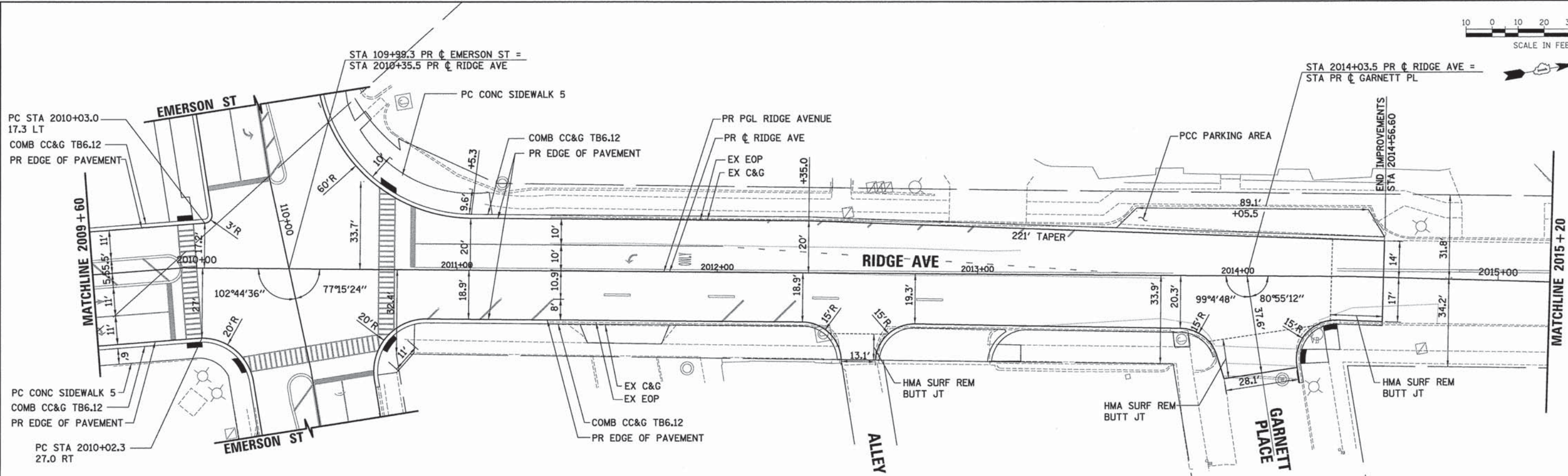
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEETS	
RIDGE AVENUE	
SCALE:	SHEET 10 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	60
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				



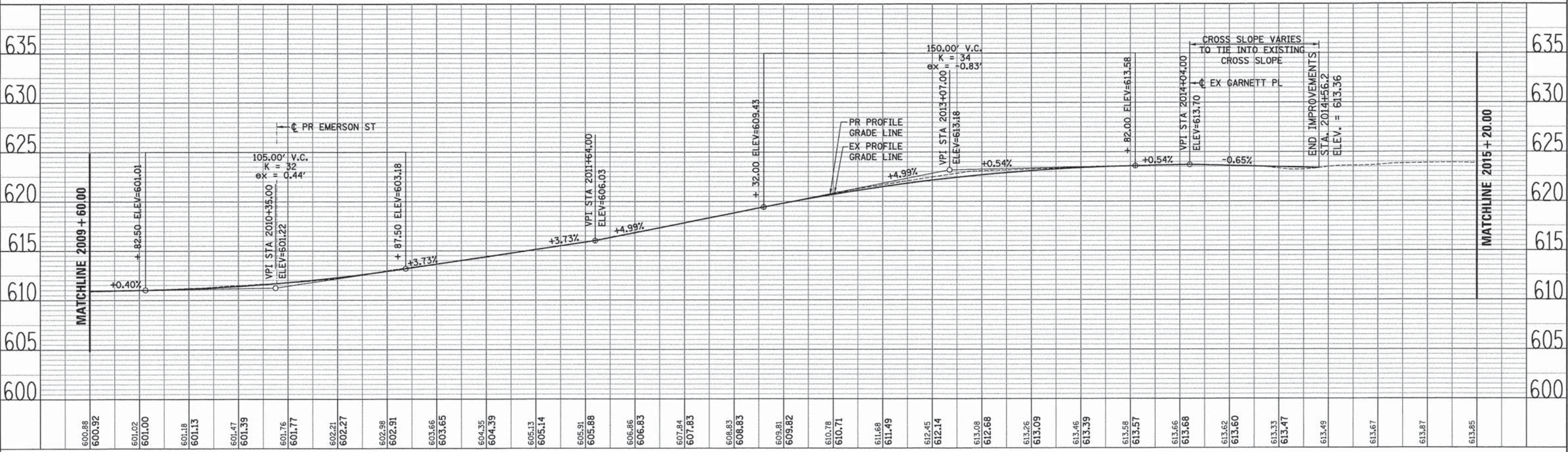
PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NO. OF WAY CHECKED	
	CADD FILE NAME	



LEGEND - ROW
 --- EX RIGHT-OF-WAY
 // EX EASEMENT

NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	



USER NAME = bhenrshs	DESIGNED - BAH	REVISED -
DRAWN - BAH	REVISED -	
CHECKED - MAR	REVISED -	
DATE - 10/9/2015	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

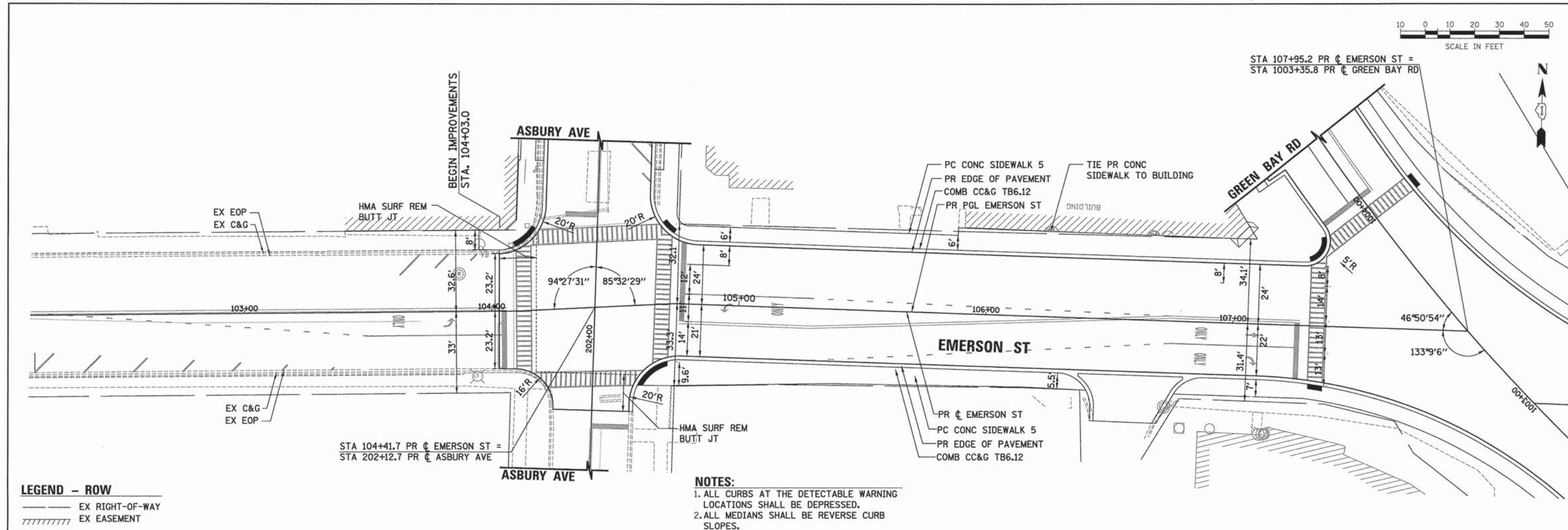
PLAN AND PROFILE SHEETS			
RIDGE AVENUE			
SCALE:	SHEET 11 OF 16 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	61
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

FILE NAME: ER001_sht-11.dgn

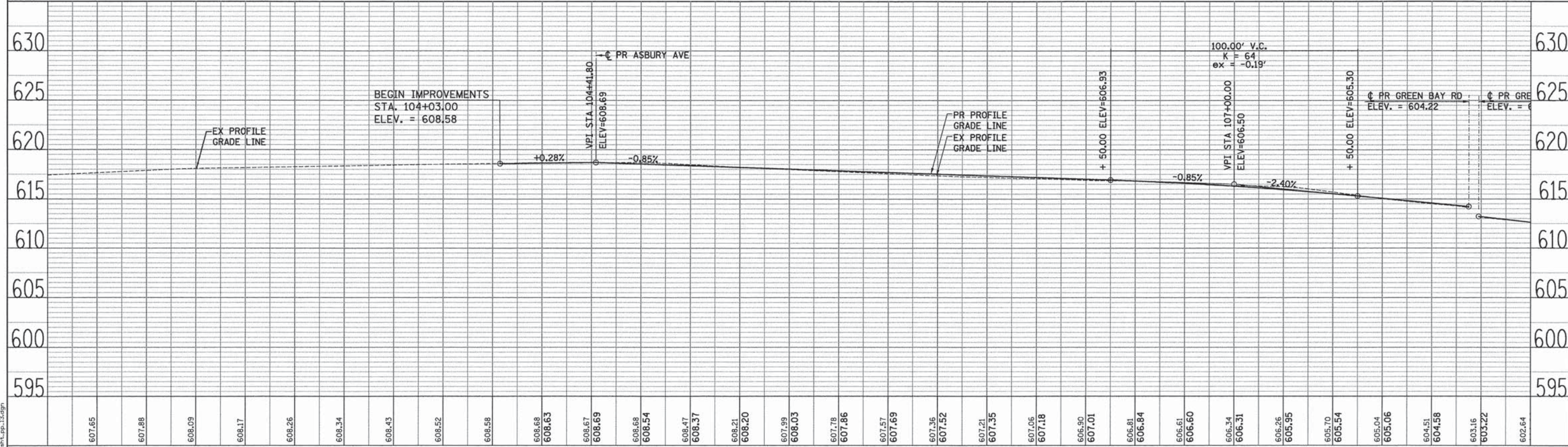
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	REVISIONS		
	NO. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	REVISIONS		
	STRUCTURE NOTATIONS		
	NO.		



LEGEND - ROW
 --- EX RIGHT-OF-WAY
 //////////////// EX EASEMENT

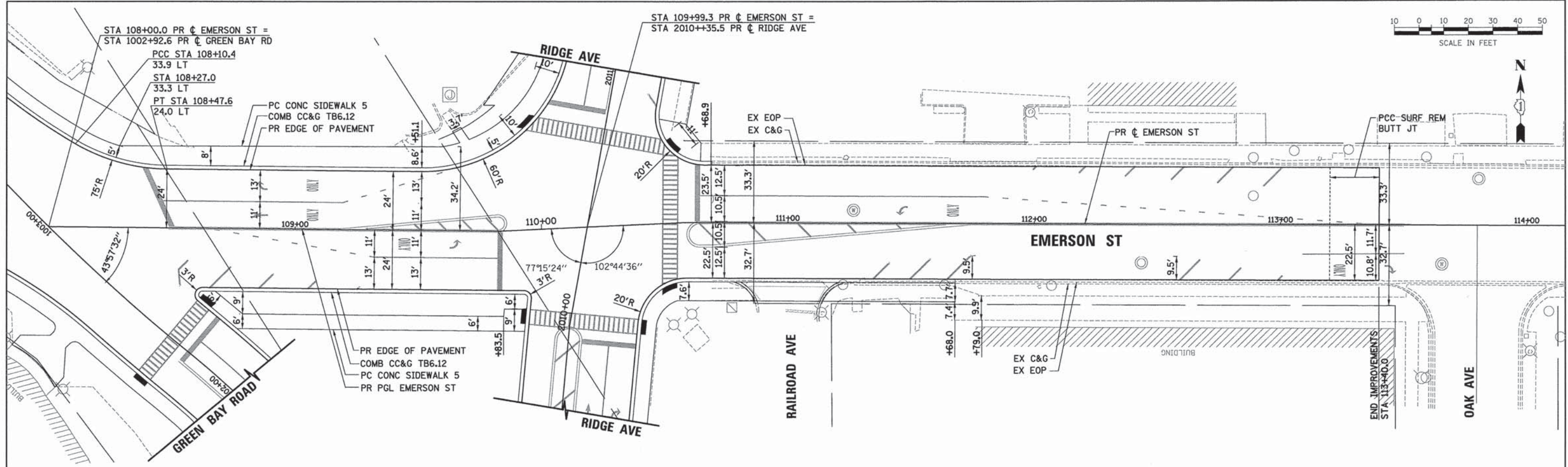
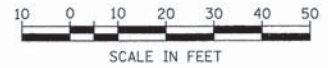
NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.



607.65	607.88	608.09	608.17	608.26	608.34	608.43	608.52	608.58	608.68	608.63	608.67	608.69	608.68	608.54	608.47	608.37	608.21	608.20	607.99	608.03	607.78	607.86	607.57	607.69	607.36	607.52	607.21	607.35	607.06	607.18	606.90	607.01	606.81	606.84	606.61	606.60	606.34	606.31	606.26	605.95	605.70	605.54	605.04	605.06	604.51	604.58	603.16	603.22	602.64										
103+00										104+00										105+00										106+00										107+00										108+00									
USER NAME = bhanricha										DESIGNED - BAH										REVISED -										REVISED -										REVISED -										REVISED -									
DRAWN - BAH										CHECKED - MAR										DATE - 10/9/2015										STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										PLAN AND PROFILE SHEETS EMERSON STREET										F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 13-00270-00-CH COOK 393 62 CONTRACT NO. 61C32									
PLOT SCALE = 20.0000' / 1" =										PLOT DATE = 1/7/2016										SCALE: SHEET 12 OF 16 SHEETS STA. TO STA.										ILLINOIS FED. AID PROJECT																													

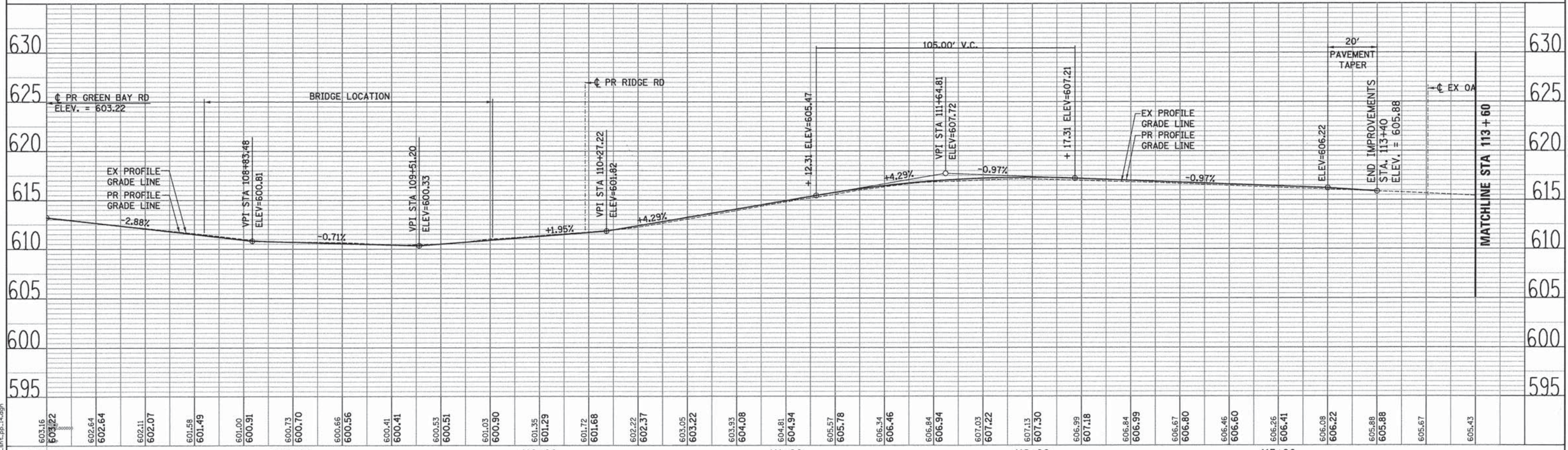


FILE NAME: ER081_sht_13.dgn



LEGEND - ROW
 --- EX RIGHT-OF-WAY
 // EX EASEMENT

NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.



PLAN	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	BY		
	NO.		

PROFILE	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	BY		
	NO.		

FILE NAME: ER081-sh-pp-14.dgn

ESI
 CONSULTANTS, LTD.
 1010 N. LAKE STREET, SUITE 200
 CHICAGO, IL 60610
 PHONE: (773) 442-1000
 FAX: (773) 442-1001
 WWW.ESI-CONSULTANTS.COM

USER NAME =	bhanrscha
DESIGNED -	BAH
DRAWN -	BAH
CHECKED -	MAR
DATE -	10/9/2015
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE SHEETS
 EMERSON STREET**

SCALE: SHEET 13 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00270-00-CH	COOK	393	63
CONTRACT NO. G1C32			ILLINOIS FED. AID PROJECT	

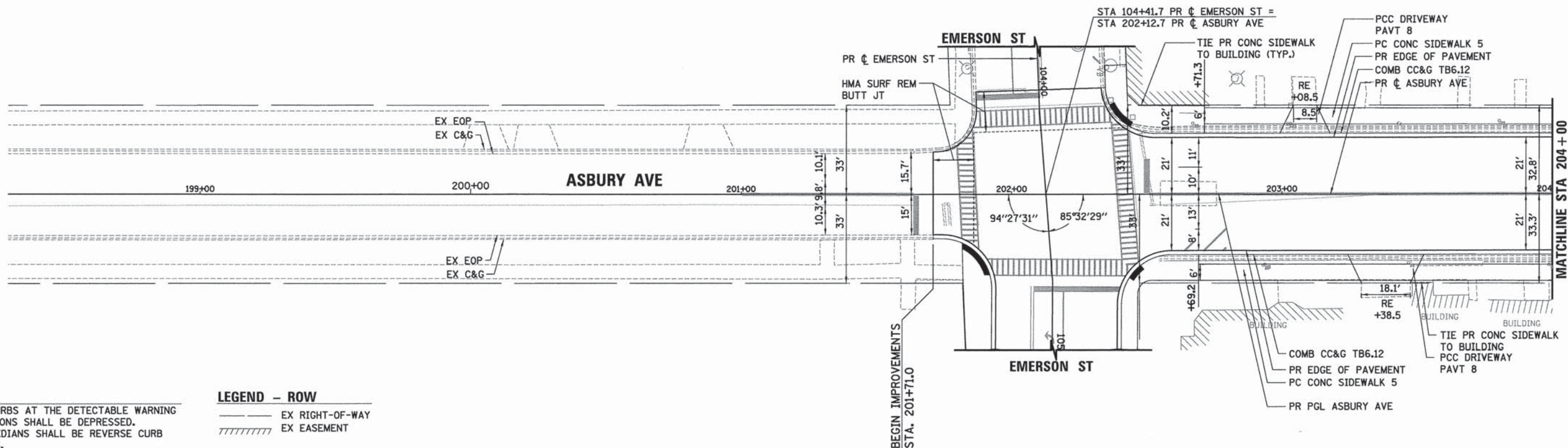


SCALE IN FEET



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	

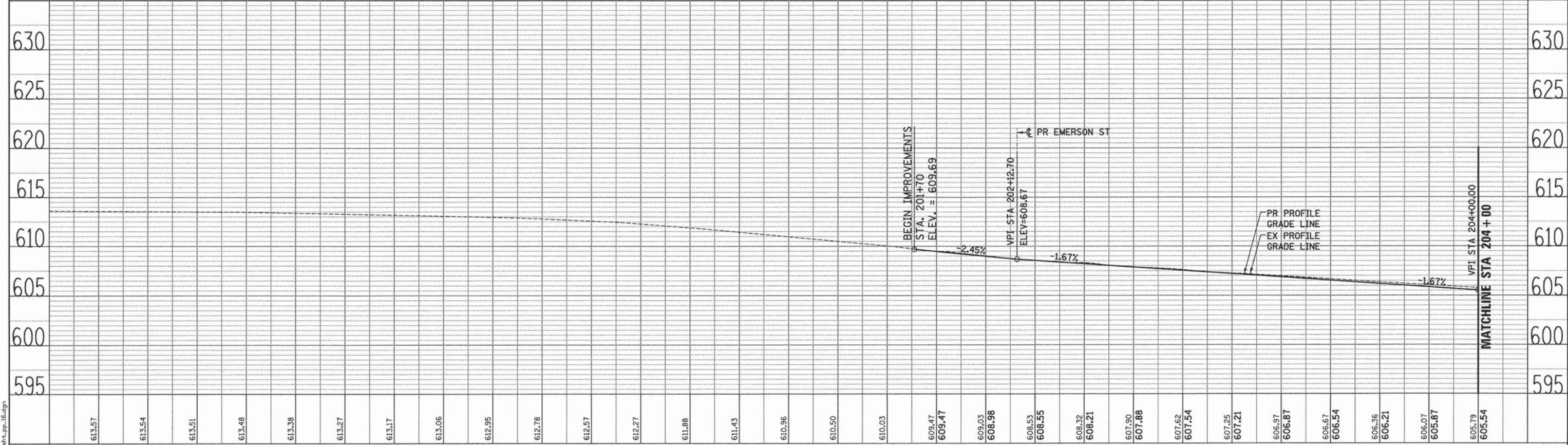
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NO. _____	



- NOTES:**
1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

LEGEND - ROW

---	EX RIGHT-OF-WAY
////	EX EASEMENT



ESI CONSULTANTS, LTD.

USER NAME = bhansrcha

DESIGNED - BAH

DRAWN - BAH

CHECKED - MAR

DATE - 10/9/2015

REVISER -

REVISER -

REVISER -

REVISER -

199+00	200+00	201+00	202+00	203+00	204+00
613.57	613.54	613.51	613.48	613.38	613.27
613.17	613.06	612.95	612.78	612.57	612.27
611.88	611.43	610.96	610.50	610.03	609.47
609.03	608.98	608.53	608.55	608.32	608.21
607.90	607.88	607.62	607.54	607.25	607.21
606.97	606.87	606.67	606.54	606.36	606.21
606.07	605.87	605.79	605.54		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEETS
ASBURY AVENUE

SCALE: SHEET 14 OF 16 SHEETS STA. TO STA.

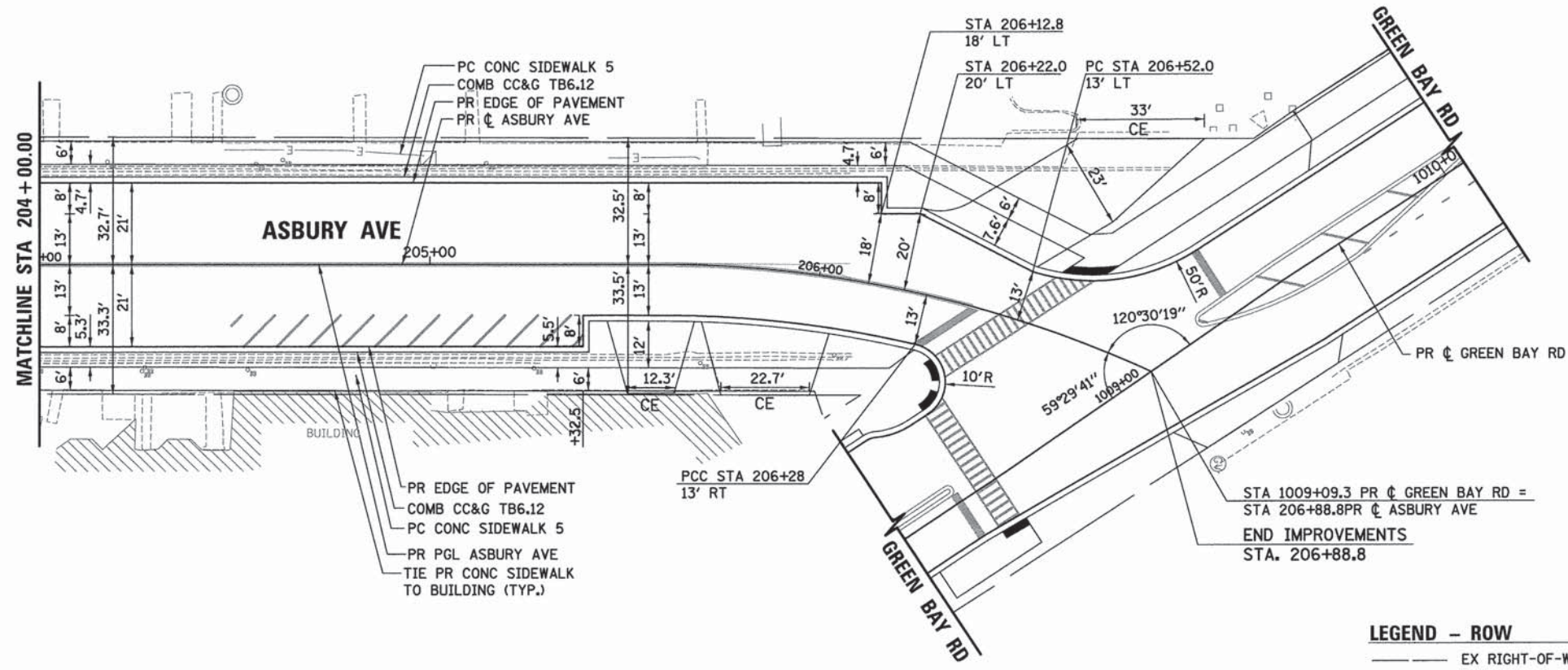
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	64
CONTRACT NO. 61C32			ILLINOIS FED. AID PROJECT	



SCALE IN FEET



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

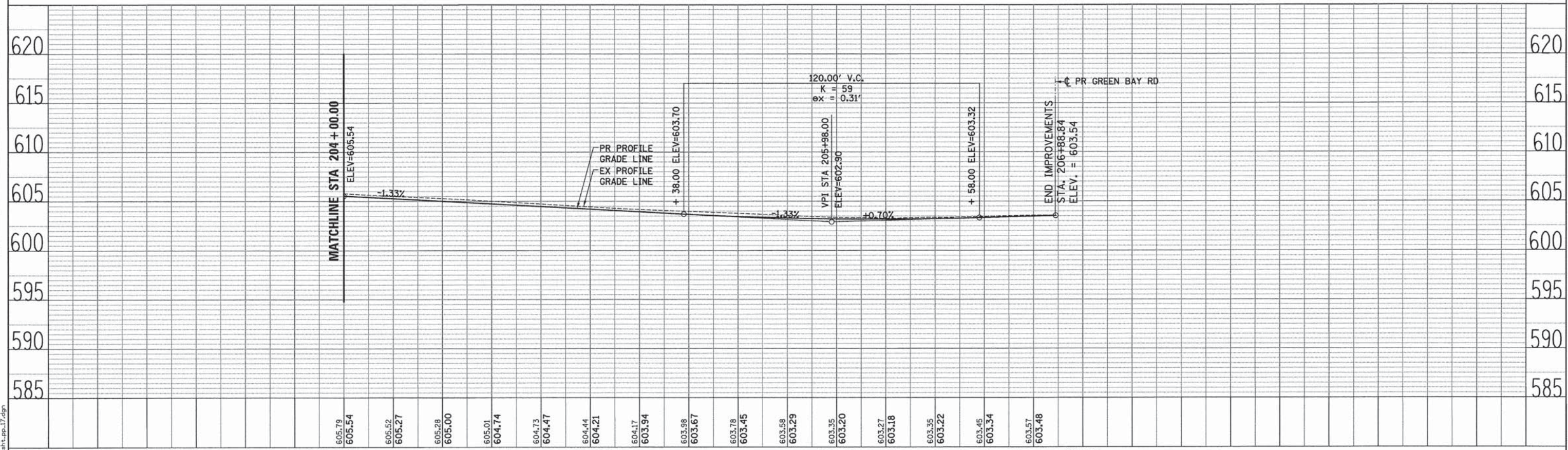


PROP. CURVE PRASB1
 PI STA. = 206+25.08
 $\Delta = 24^\circ 44' 50''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 65.81'$
 $L = 129.58'$
 $E = 7.13'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA = 205+59.26$
 $P.T. STA = 206+88.84$

LEGEND - ROW
 --- EX RIGHT-OF-WAY
 //////////////// EX EASEMENT

NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



FILE NAME: ER081-ent-pp-17.dgn



USER NAME = bhenrshs
 DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 PLOT DATE = 1/7/2016

DESIGNED - BAH
 DRAWN - BAH
 CHECKED - MAR
 DATE = 10/9/2015

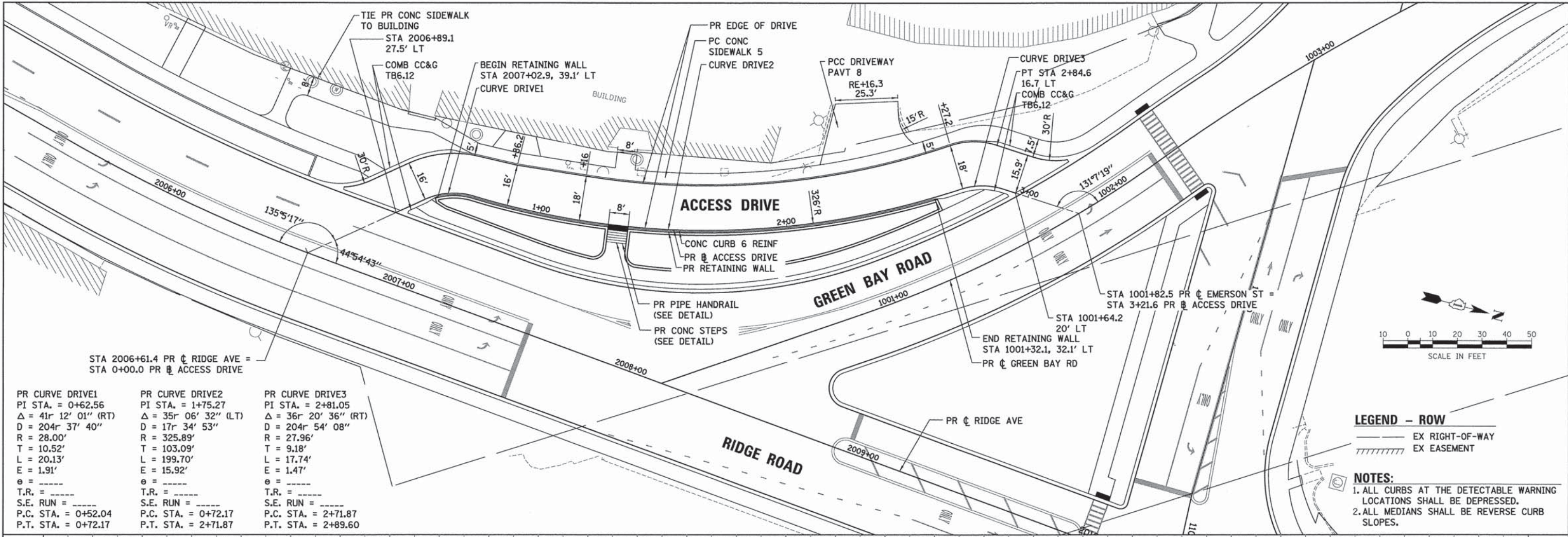
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

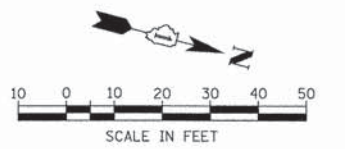
PLAN AND PROFILE SHEETS
 ASBURY AVENUE
 SCALE: SHEET 15 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	65
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
NOTED	
NO.	



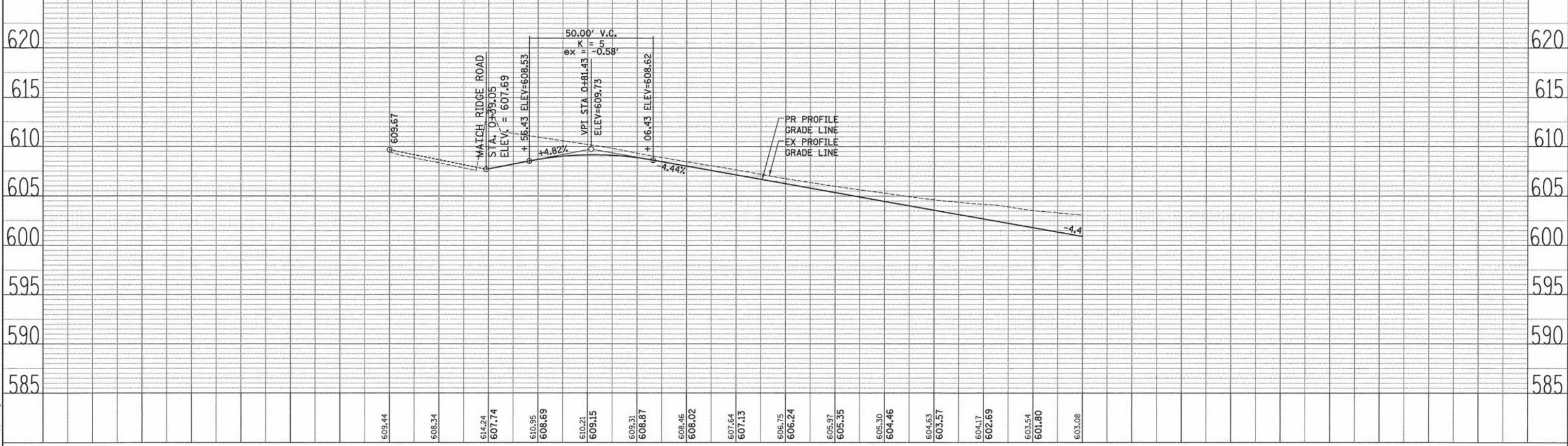
PR CURVE DRIVE1	PR CURVE DRIVE2	PR CURVE DRIVE3
PI STA. = 0+62.56	PI STA. = 1+75.27	PI STA. = 2+81.05
$\Delta = 41^{\circ} 12' 01''$ (RT)	$\Delta = 35^{\circ} 06' 32''$ (LT)	$\Delta = 36^{\circ} 20' 36''$ (RT)
D = 204r 37' 40"	D = 17r 34' 53"	D = 204r 54' 08"
R = 28.00'	R = 325.89'	R = 27.96'
T = 10.52'	T = 103.09'	T = 9.18'
L = 20.13'	L = 199.70'	L = 17.74'
E = 1.91'	E = 15.92'	E = 1.47'
$\theta =$ -----	$\theta =$ -----	$\theta =$ -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 0+52.04	P.C. STA. = 0+72.17	P.C. STA. = 2+71.87
P.T. STA. = 0+72.17	P.T. STA. = 2+71.87	P.T. STA. = 2+89.60



LEGEND - ROW
 --- EX RIGHT-OF-WAY
 // EX EASEMENT

NOTES:
 1. ALL CURBS AT THE DETECTABLE WARNING LOCATIONS SHALL BE DEPRESSED.
 2. ALL MEDIANS SHALL BE REVERSE CURB SLOPES.

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTED	
NO.	



	USER NAME = bhenrichs	DESIGNED - BAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEETS ACCESS DRIVE	F.A. RTE. - SECTION 13-00270-00-CH COUNTY COOK TOTAL SHEETS 393 SHEET NO. 66 CONTRACT NO. 61C32 ILLINOIS FED. AID PROJECT
	PLOT SCALE = 20.0000' / 1"	DRAWN - BAH	REVISED -			
	PLOT DATE = 1/7/2016	CHECKED - MAR	REVISED -			
		DATE - 10/9/2015	REVISED -			
SCALE: SHEET 16 OF 16 SHEETS STA. TO STA.						

FILE NAME: ER081_ahs_pp_1B.dgn

MAINTENANCE OF TRAFFIC – GENERAL NOTES

CONTRACTOR SHALL USE STANDARD 701011-04/701006-05 FOR OFF-ROAD OPERATIONS AND 701301-04 FOR TEMPORARY LANE CLOSURES PER DAY. THE RESIDENT ENGINEER WILL BE NOTIFIED 24 HRS IN ADVANCE ALONG WITH REQUIRED IDOT FORMS COMPLETED.

LANE CLOSURES ARE ONLY PERMITTED BETWEEN 9:00AM AND 3:00PM, UNLESS APPROVED BY THE ENGINEER.

ALL TEMPORARY, OFF-PEAK HOUR LANE CLOSURES MUST BE REQUESTED THROUGH THE ENGINEER AND AS SPECIFIED IN THE SPECIAL PROVISIONS, WHEN OFF-PEAK HOUR OR WEEKEND LANE CLOSURES ARE REQUIRED. A PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE INSTALLED ONE WEEK PRIOR TO CLOSURE. THE MESSAGE WORDING AND LOCATION WILL BE DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL REMOVE ALL TEMPORARY OR EXISTING STRIPING WHICH CONFLICTS WITH THE STAGING OR FINAL STRIPING.

THE CONTRACTOR SHALL COVER OR REMOVE ALL CONFLICTING EXISTING SPEED LIMIT SIGNS FOR THE DURATION OF THE CONSTRUCTION.

ALL EQUIPMENT, MATERIALS AND PERSONNEL SHALL BE OFF THE ROADWAY BY THE DESIGNATED TIME. THERE SHALL BE NO MATERIAL LEFT ON THE ROADWAY FROM CONTRACTOR OPERATIONS.

CONTRACTOR RESPONSIBLE FOR MAINTAINING CURRENT DRAINAGE PATTERNS AND INSTALLING ALL EROSION CONTROL DEVICES PRIOR TO ANY WORK WITHIN EACH STAGE.

ALL WORK ZONE SPEED LIMITS SHALL BE MAINTAINED PER ROAD BY THE CONTRACTOR THROUGHOUT PROJECT IMPROVEMENTS UNTIL ALL ROAD CONSTRUCTION IS FINALIZED AND PERMANENT PAVEMENT MARKINGS ARE APPLIED.

ALL DRUMS, VERTICAL PANELS AND BARRICADES IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH STEADY-BURNING LIGHTS AND SHALL HAVE CHARGED BATTERIES.

ALL RAMPS TIEING EXISTING SIDEWALKS AT INTERSECTIONS SHALL BE CONSTRUCTED WITH 2" OF HMA TEMPORARY SIDEWALK MATERIAL DURING CONSTRUCTION PHASES MEETING THE APPROVAL OF THE ENGINEER.

CHANGEABLE MESSAGE SIGNS WILL BE PLACED ALONG THE EMERSON STREET (2), RIDGE ROAD (2), AND GREEN BAY ROAD (1) ENTERING THE CONSTRUCTION ZONES.

PRE-STAGE CONSTRUCTION

MAINTENANCE OF TRAFFIC – GENERAL

TRAFFIC BARRELS SHALL BE USED ALONG LANE CLOSURES AND A FLAGGER SHALL BE PRESENT FOR TRUCK MOVEMENTS IN AND OUT OF WORK ZONES UNLESS OTHERWISE NOTED. CONTRACTOR TO DO UTILITY CROSSING CLOSURES ON OFF-PEAK TIMES AND TO HAVE A FLAGGER PRESENT DURING CONSTRUCTION TO GUIDE TRAFFIC.

STAGE 1

GREEN BAY ROAD

MAINTENANCE OF TRAFFIC
TRAFFIC BARRELS WILL BE PLACED ALONG WORK ZONE ALONG MEDIAN AREA FOR REMOVAL ON GREEN BAY ROAD NORTH OF EMERSON STREET. CONTRACTOR TO DO UTILITY CROSSING CLOSURES ON OFF-PEAK TIMES AND TO HAVE A FLAGGER PRESENT DURING CONSTRUCTION TO GUIDE TRAFFIC.

CONSTRUCTION
FULL DEPTH TEMPORARY PAVEMENT SHALL BE CONSTRUCTED FOR MEDIAN REMOVAL AREAS.

RIDGE AVENUE

MAINTENANCE OF TRAFFIC
TRAFFIC BARRELS WILL BE PLACED ALONG WORK ZONE ALONG MEDIAN AREA FOR REMOVAL OF RAISED MEDIANS. TRAFFIC BARRELS SHALL BE PLACED ALONG FRONTAGE ROAD TO GUIDE TRAFFIC TO NARROWED LANES NEAR CLARK STREET FOR MEDIAN CONSTRUCTION.

CONSTRUCTION
FULL DEPTH TEMPORARY PAVEMENT SHALL BE CONSTRUCTED FOR MEDIAN REMOVAL AREAS.

EMERSON STREET

MAINTENANCE OF TRAFFIC
TRAFFIC TO BE RE-ROUTED DOWN EMERSON STREET FOR CONSTRUCTION OF MEDIAN REMOVAL ALONG RIDGE AVENUE AND ACCESS TO CLARK STREET SHALL BE CLOSED FROM RIDGE AVENUE.

STAGE 2

RIDGE AVENUE

MAINTENANCE OF TRAFFIC
TRAFFIC TO BE SHIFTED TO THE EAST SIDE OF EXISTING PAVEMENT FROM THE BEGINNING OF PROJECT TO THE SPLIT OF GREEN BAY ROAD.

CONSTRUCTION
CURB AND GUTTER AND PAVEMENT TO BE CONSTRUCTED ALONG WEST SIDE OF PROPOSED PAVEMENT AND NORTH OF PAVEMENT BETWEEN CLARK STREET TO TRIANGLE AREA.

GREEN BAY ROAD

MAINTENANCE OF TRAFFIC
NORTH BOUND TRAFFIC SHIFTED TO THE EAST SIDE OF EXISTING PAVEMENT FROM RIDGE ROAD AND EMERSON STREET, ONE LANE SOUTH BOUND TRAFFIC TO BE MAINTAINED SOUTH OF EMERSON STREET. TRAFFIC TO BE SHIFTED TO THE WEST SIDE OF EXISTING PAVEMENT BETWEEN EMERSON STREET AND ASBURY AVENUE. TRAFFIC SHIFTED TO THE EAST SIDE OF EXISTING PAVEMENT FROM FOSTER TO THE NORTH END OF PROJECT.

CONSTRUCTION
CURB AND GUTTER TO BE CONSTRUCTED ALONG SOUTH SIDE OF PAVEMENT BETWEEN ASBURY AND NOYES. CURB AND GUTTER TO BE CONSTRUCTED ALONG NORTH SIDE OF PAVEMENT BETWEEN TRIANGLE AND EMERSON. TEMPORARY PAVEMENT SHALL BE PLACED IN AREA BETWEEN NORTHBOUND AND SOUTHBOUND TRAFFIC IN MEDIAN AREA.

EMERSON STREET

MAINTENANCE OF TRAFFIC
TRAFFIC TO BE SHIFTED TO THE SOUTH SIDE OF EXISTING PAVEMENT BETWEEN ASBURY AVENUE AND GREEN BAY ROAD.

CONSTRUCTION
CURB AND GUTTER TO BE CONSTRUCTED ALONG THE NORTH SIDE OF PAVEMENT BETWEEN ASBURY AVENUE AND GREEN BAY ROAD.

STAGE 2A

RIDGE AVENUE

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN AS STAGE 2.

GREEN BAY ROAD

MAINTENANCE OF TRAFFIC
NORTH BOUND TRAFFIC FROM RIDGE AVENUE TO EMERSON STREET TO BE SPLIT. TRAFFIC PATTERNS TO REMAIN AS STAGE 2 NORTH OF EMERSON STREET.

CONSTRUCTION
PROPOSED PAVEMENT EXTENSION TO BE CONSTRUCTED BETWEEN RIDGE AVENUE AND EMERSON STREET.

EMERSON STREET

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN AS STAGE 2.

STAGE 2B

RIDGE AVENUE

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN THE SAME AS STAGE 2 FROM BEGINNING OF PROJECT TO GREEN BAY ROAD. TRAFFIC SHIFTED TO THE EAST OFF THE WEST EDGE OF EXISTING PAVEMENT BETWEEN GREEN BAY ROAD AND EMERSON STREET.

CONSTRUCTION
PROPOSED PAVEMENT AND CURB AND GUTTER TO BE CONSTRUCTED FOR THE TRIANGLE AREA.

GREEN BAY ROAD

MAINTENANCE OF TRAFFIC
NORTH BOUND TRAFFIC FROM RIDGE AVENUE TO EMERSON STREET TO BE SHIFTED TO THE WEST ONTO NEW PAVEMENT. TRAFFIC PATTERNS TO REMAIN AS STAGE 2 NORTH OF EMERSON STREET.

CONSTRUCTION
PROPOSED PAVEMENT AND CURB AND GUTTER TO BE CONSTRUCTED FOR THE TRIANGLE AREA AS WELL AS THE SOUTH SIDE OF GREEN BAY FROM FOSTER STREET TO NOYES STREET.

EMERSON STREET

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN AS STAGE 2.
CONSTRUCTION

PROPOSED PAVEMENT AND CURB AND GUTTER TO BE CONSTRUCTED FOR THE TRIANGLE AREA AND THE NORTH SIDE OF EMERSON FROM ASBURY AVENUE TO GREEN BAY ROAD.

STAGE 3

RIDGE AVENUE

MAINTENANCE OF TRAFFIC
TRAFFIC TO BE SHIFTED TO THE WEST OF PROPOSED PAVEMENT AREA AND OFF THE EAST SIDE OF EXISTING PAVEMENT EDGE FROM THE BEGINNING OF PROJECT TO THE SPLIT OF GREEN BAY ROAD.

CONSTRUCTION
PAVEMENT AND CURB AND GUTTER TO BE CONSTRUCTED ALONG EAST SIDE OF EXISTING PAVEMENT AND WEST SIDE OF PAVEMENT BETWEEN CLARK STREET TO TRIANGLE AREA.

GREEN BAY ROAD

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERN TO REMAIN THE SAME AS STAGE 2B.

CONSTRUCTION
SIDEWALK, RETAINING WALL AND EAST SIDE OF ACCESS DRIVE TO BE CONSTRUCTED. TEMPORARY PAVEMENT TO BE PLACED TO ACCESS DRIVE AND PAVEMENT RAMP FROM EXISTING PAVEMENT TIEING INTO PROPOSED PAVEMENT. CONTRACTOR TO STAGE WEST SIDE OF ACCESS DRIVE BUT TO MAINTAIN ACCESS TO RESIDENTS.

EMERSON STREET

MAINTENANCE OF TRAFFIC
TRAFFIC TO BE SHIFTED TO THE NORTH SIDE OF EXISTING PAVEMENT BETWEEN ASBURY AVENUE AND GREEN BAY ROAD. TRAFFIC TO BE SHIFTED TO SOUTH SIDE OF PROPOSED PAVEMENT BETWEEN GREEN BAY ROAD AND RIDGE AVENUE. TRAFFIC TO BE SHIFTED TO THE NORTH SIDE OF EXISTING PAVEMENT BETWEEN RIDGE AVENUE AND END OF PROJECT.

CONSTRUCTION
PAVEMENT AND CURB AND GUTTER TO BE CONSTRUCTED ALONG THE SOUTH SIDE OF EXISTING PAVEMENT BETWEEN ASBURY AVENUE AND GREEN BAY ROAD, ALONG THE NORTH SIDE OF EXISTING PAVEMENT BETWEEN GREEN BAY ROAD AND RIDGE AVENUE, AND ALONG THE SOUTH SIDE OF EXISTING PAVEMENT BETWEEN RIDGE AVENUE AND END OF PROJECT.

STAGE 3A

RIDGE AVENUE

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN THE SAME AS STAGE 3 FOR THE MOST PART. TRAFFIC BARRELS WILL BE PLACED IN THE MEDIAN BETWEEN GREEN BAY ROAD AND EMERSON STREET.

CONSTRUCTION
FULL DEPTH PAVEMENT CONSTRUCTION IN MEDIAN ON RIDGE AVENUE BETWEEN GREEN BAY ROAD AND EMERSON STREET.

GREEN BAY ROAD

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN THE SAME AS STAGE 3.

CONSTRUCTION
WEST SIDE OF ACCESS DRIVE TO BE CONSTRUCTED. CONTRACTOR TO STAGE WEST SIDE OF ACCESS DRIVE BUT TO MAINTAIN ACCESS TO RESIDENTS.

EMERSON STREET

MAINTENANCE OF TRAFFIC
TRAFFIC TO BE SHIFTED TO SOUTH SIDE OF PROPOSED PAVEMENT BETWEEN GREEN BAY ROAD AND RIDGE AVENUE. TRAFFIC TO BE SHIFTED TO THE NORTH SIDE OF EXISTING PAVEMENT BETWEEN RIDGE AVENUE AND END OF PROJECT.

CONSTRUCTION
PAVEMENT AND CURB AND GUTTER TO BE CONSTRUCTED ALONG THE SOUTH SIDE OF EXISTING PAVEMENT BETWEEN ASBURY AVENUE AND GREEN BAY ROAD, ALONG THE NORTH SIDE OF EXISTING PAVEMENT BETWEEN GREEN BAY ROAD AND RIDGE AVENUE, AND ALONG THE SOUTH SIDE OF EXISTING PAVEMENT BETWEEN RIDGE AVENUE AND END OF PROJECT.

STAGE 3B

RIDGE AVENUE

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN THE SAME AS STAGE 3 FOR THE MOST PART. TRAFFIC BARRELS WILL BE PLACED ON THE EAST SIDE OF RIDGE BETWEEN GREEN BAY ROAD AND GARNETT PLACE.

CONSTRUCTION
FULL DEPTH PAVEMENT CONSTRUCTION ON WEST SIDE OF RIDGE AVENUE BETWEEN GREEN BAY ROAD AND GARNETT PLACE.

GREEN BAY ROAD

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN THE SAME AS STAGE 3A.

CONSTRUCTION
NORTH EDGE OF PAVEMENT ON GREEN BAY AVENUE TO BE CONSTRUCTED.

EMERSON STREET

MAINTENANCE OF TRAFFIC
TRAFFIC TO BE SHIFTED TO THE EDGE OF PAVEMENT OF NORTH AND SOUTH SIDE TO ALLOW CONSTRUCTION WORK IN THE MEDIAN.

CONSTRUCTION
FULL DEPTH PAVEMENT CONSTRUCTION IN MEDIAN ALONG EMERSON FROM GREEN BAY ROAD TO EAST END OF PROJECT. CURB AND GUTTER WORK ALONG THE SOUTH SIDE OF EMERSON FROM WEST END OF PROJECT TO GREEN BAY ROAD.

STAGE 4

RIDGE AVENUE

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN THE SAME AS STAGE 3A.

CONSTRUCTION
FULL DEPTH PAVEMENT SHALL BE CONSTRUCTED ON THE WEST SIDE OF RIDGE AVENUE FROM SOUTH END TO CLARK.

GREEN BAY ROAD

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS TO REMAIN THE SAME AS STAGE 3A.

CONSTRUCTION
WEST SIDE OF GREEN BAY AVENUE TO BE CONSTRUCTED ACCESS DRIVE TO ASBURY AVENUE.

EMERSON STREET

MAINTENANCE OF TRAFFIC
TRAFFIC IS MOVED TO THE NORTH SIDE OF EMERSON STREET BETWEEN GREEN BAY AVENUE AND RIDGE AVENUE.

CONSTRUCTION
FULL DEPTH PAVEMENT IS TO BE CONSTRUCTED ON THE SOUTH SIDE OF EMERSON STREET BETWEEN GREEN BAY AVENUE AND RIDGE AVENUE.

STAGE 4A THRU 4G

RIDGE AVENUE

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS WILL SHIFT TO EITHER SIDE OF ROADWAY TO ACCOMMODATE INTERSECTION WORK ZONE AREAS.

CONSTRUCTION
FULL DEPTH PAVEMENT SHALL BE CONSTRUCTED WITHIN THE INTERSECTION AREAS.

GREEN BAY ROAD

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS WILL SHIFT TO EITHER SIDE OF ROADWAY TO ACCOMMODATE INTERSECTION WORK ZONE AREAS.

CONSTRUCTION
FULL DEPTH PAVEMENT SHALL BE CONSTRUCTED WITHIN THE INTERSECTION AREAS.

EMERSON STREET

MAINTENANCE OF TRAFFIC
TRAFFIC PATTERNS WILL SHIFT TO EITHER SIDE OF ROADWAY TO ACCOMMODATE INTERSECTION WORK ZONE AREAS.

CONSTRUCTION
FULL DEPTH PAVEMENT SHALL BE CONSTRUCTED WITHIN THE INTERSECTION AREAS.

PLAN	SURVEYED	DATE
	BY	
	PLOTTED	
	BY	
	CHECKED	
	BY	
	NOTE BOOK	
	NO.	
	FILE NAME	

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



USER NAME = bhenrichs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
PLOT SCALE = 1:8000 @ 1/4" = 1'	CHECKED - KH	REVISED - -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
GENERAL NOTES AND SIGN LEGEND

SCALE: _____ SHEET 1 OF 104 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	67
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

FILE NAME: EROBL.dwg - sheet 01.dwg

PLAN
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 ALIGNMENT CHECKED _____
 RT. OF WAY CHECKED _____
 NO. _____
 DATE _____
 BY _____
 DDD FILE NAME _____

PROFILE
 SURVEYED _____
 GRADES CHECKED _____
 B.M. NOTED _____
 STRUCTURE NOTATIONS CHKD _____
 NO. _____
 DATE _____
 BY _____

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SPEED LIMIT 30 R2-1-3648
\$375 FINE MINIMUM R2-I106p-3618



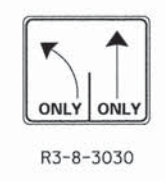
END WORK ZONE SPEED LIMIT
 G20-I103(O)-6036



ROAD CLOSED
 R11-2(O)-



ROAD CLOSED TO THRU TRAFFIC
 R11-4
 60" x 30"



FILE NAME: ER0811.shx.mot.G_02.dgn

ESI CONSULTANTS, LTD.
 100 N. WILSON AVENUE
 SUITE 200
 DEERFIELD, IL 60015
 TEL: 847.938.8800
 FAX: 847.938.8801
 WWW.ESI-CONSULTANTS.COM

USER NAME = bharricha	DESIGNED - BAH	REVISED - -
DRAWN - BAH	CHECKED - KH	REVISED -
PLOT SCALE = 1/8000" = 1/8"	DATE - 10/9/2015	REVISED -
PLOT DATE = 1/7/2016		

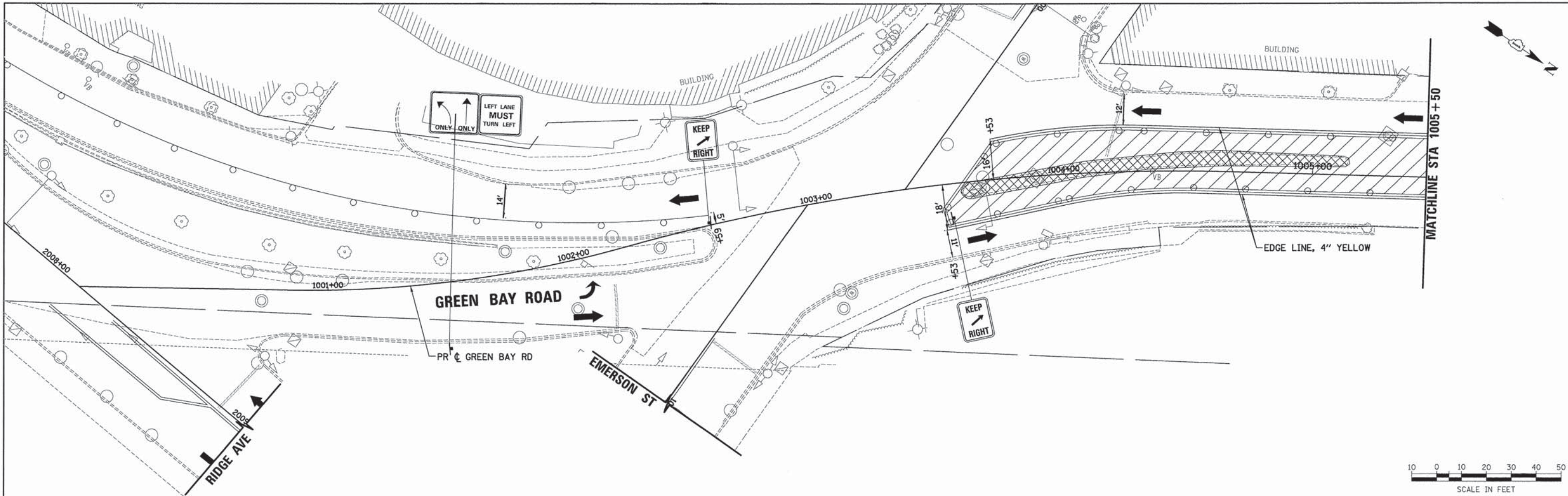
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 GENERAL NOTES AND SIGN LEGEND**

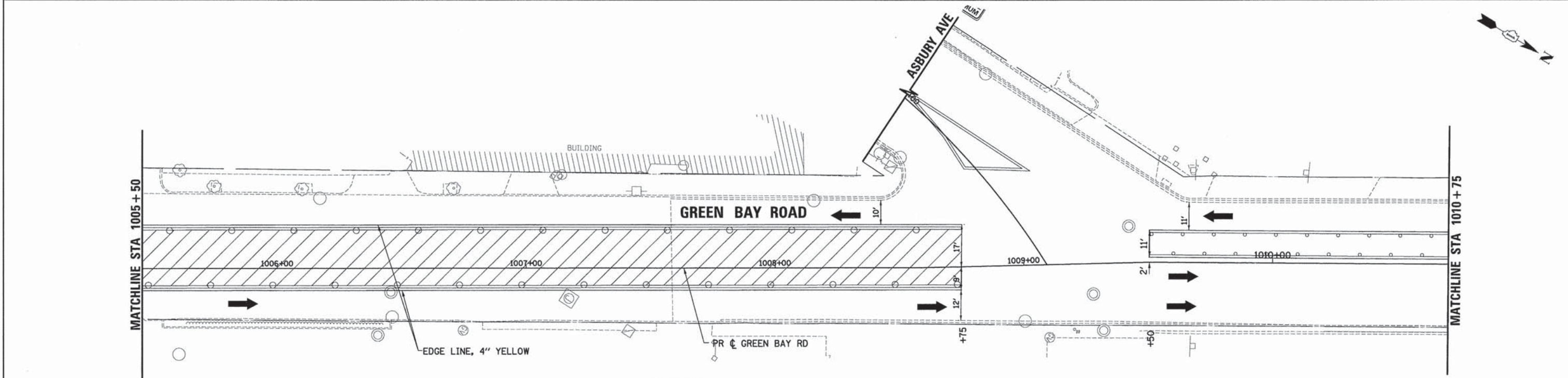
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	68
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

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	GRADES CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bherrsch	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

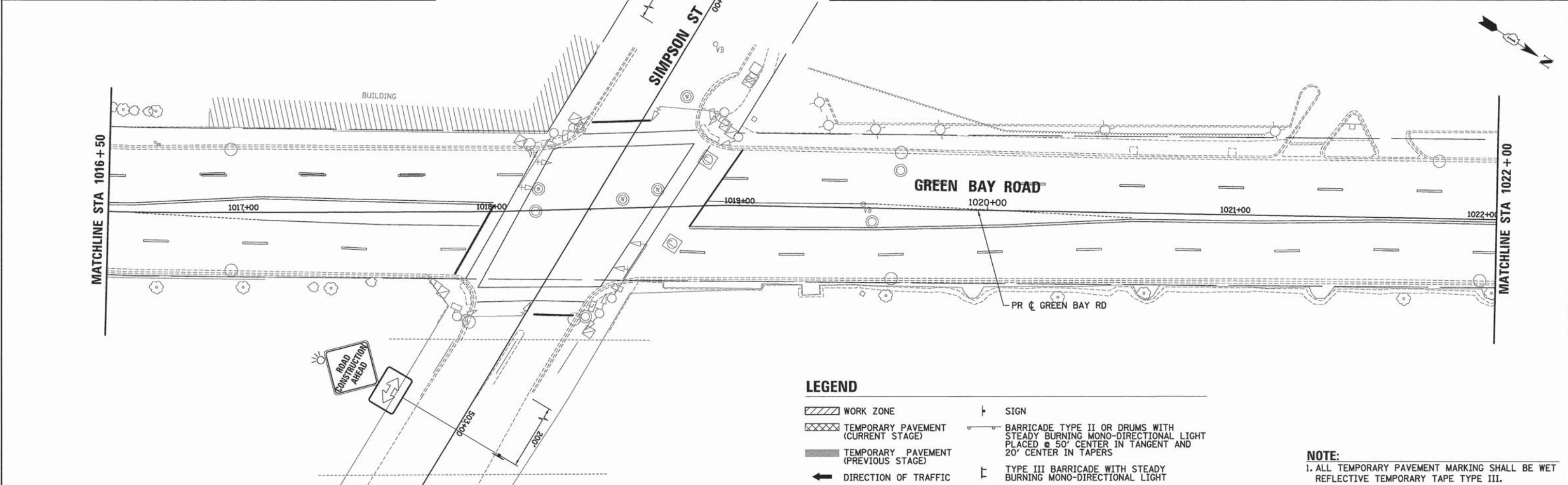
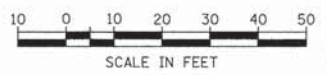
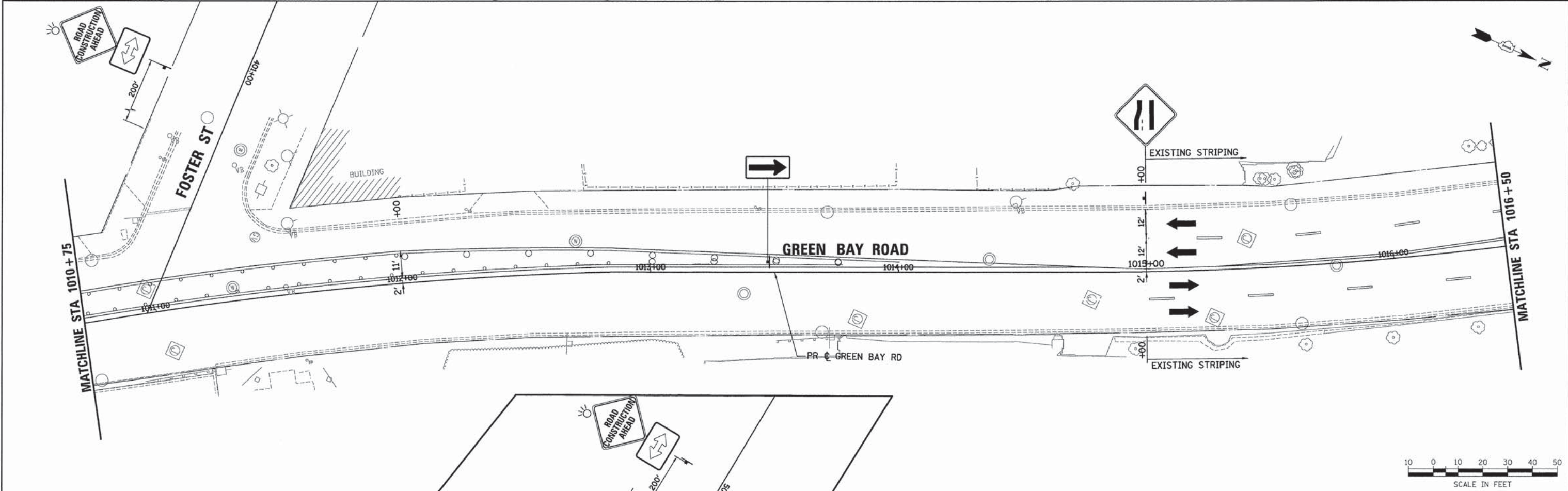
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1
GREEN BAY ROAD
SCALE: SHEET 1 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	69
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

FILE NAME: ER021-ah1-1011-01.dgn

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	FILE NAME	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE	
	NOTATION	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



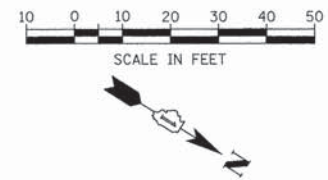
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DATE = 10/9/2015		REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

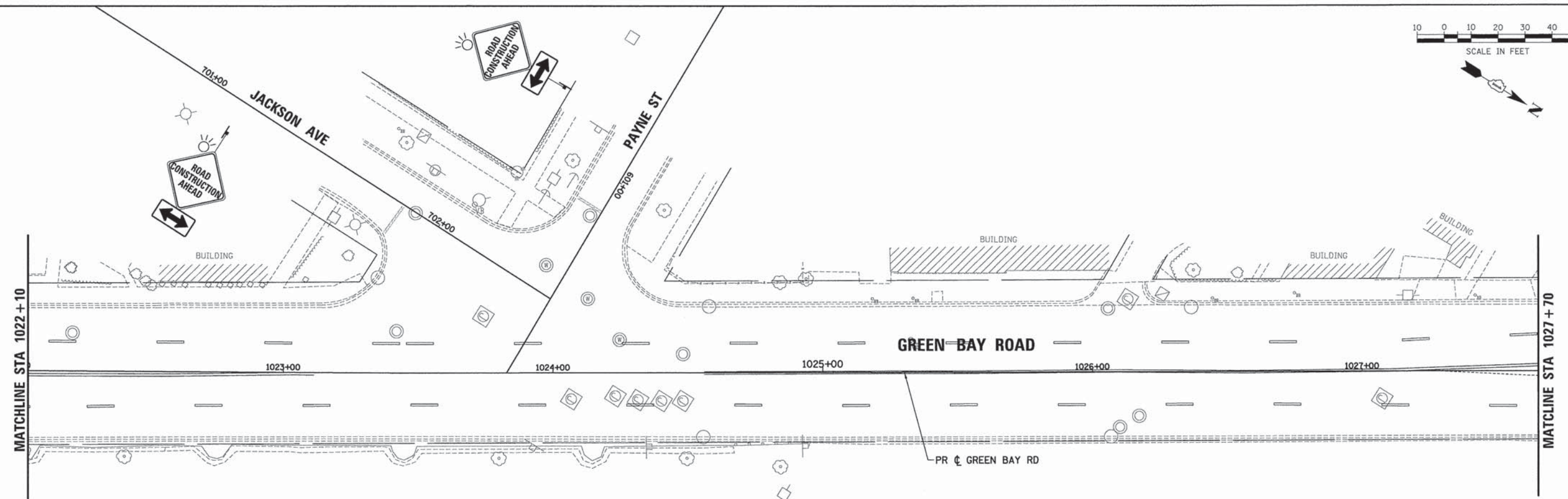
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1
GREEN BAY ROAD
SCALE: SHEET 2 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	70
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

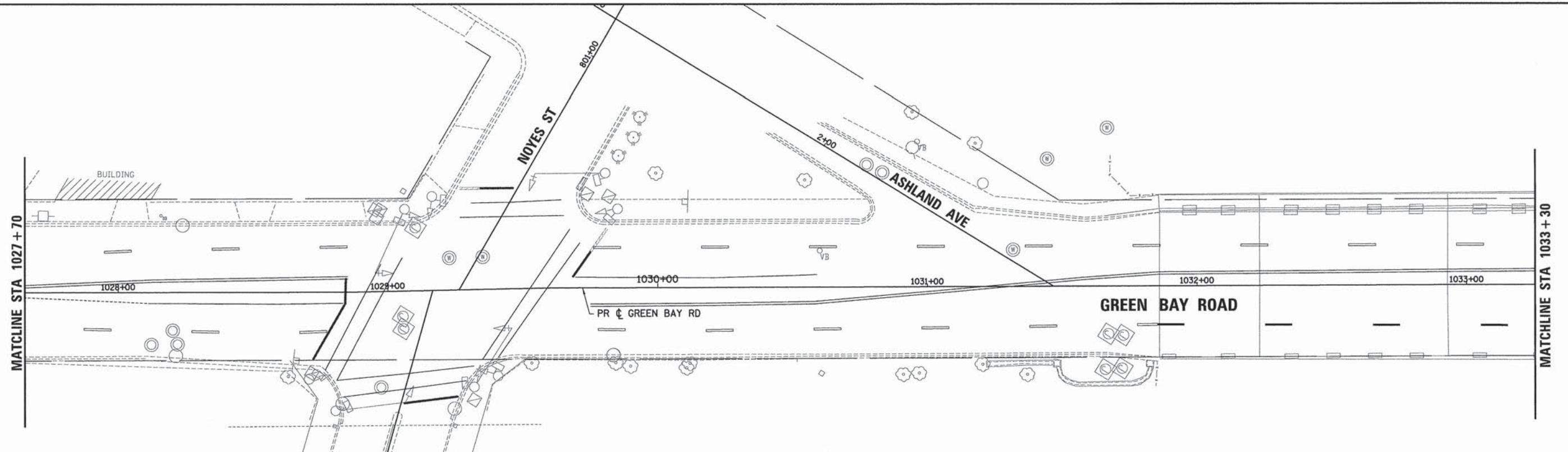
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	DATE FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NO. OF WAY CHECKED		
	DATE FILE NAME		



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.

FILE NAME: ERGB1_ah1.mot-1.83.dgn



USER NAME = bhenrachs	DESIGNED - BAH	REVISED -
	DRAWN - BAH	REVISED -
	CHECKED - KH	REVISED -
	DATE - 10/9/2015	REVISED -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

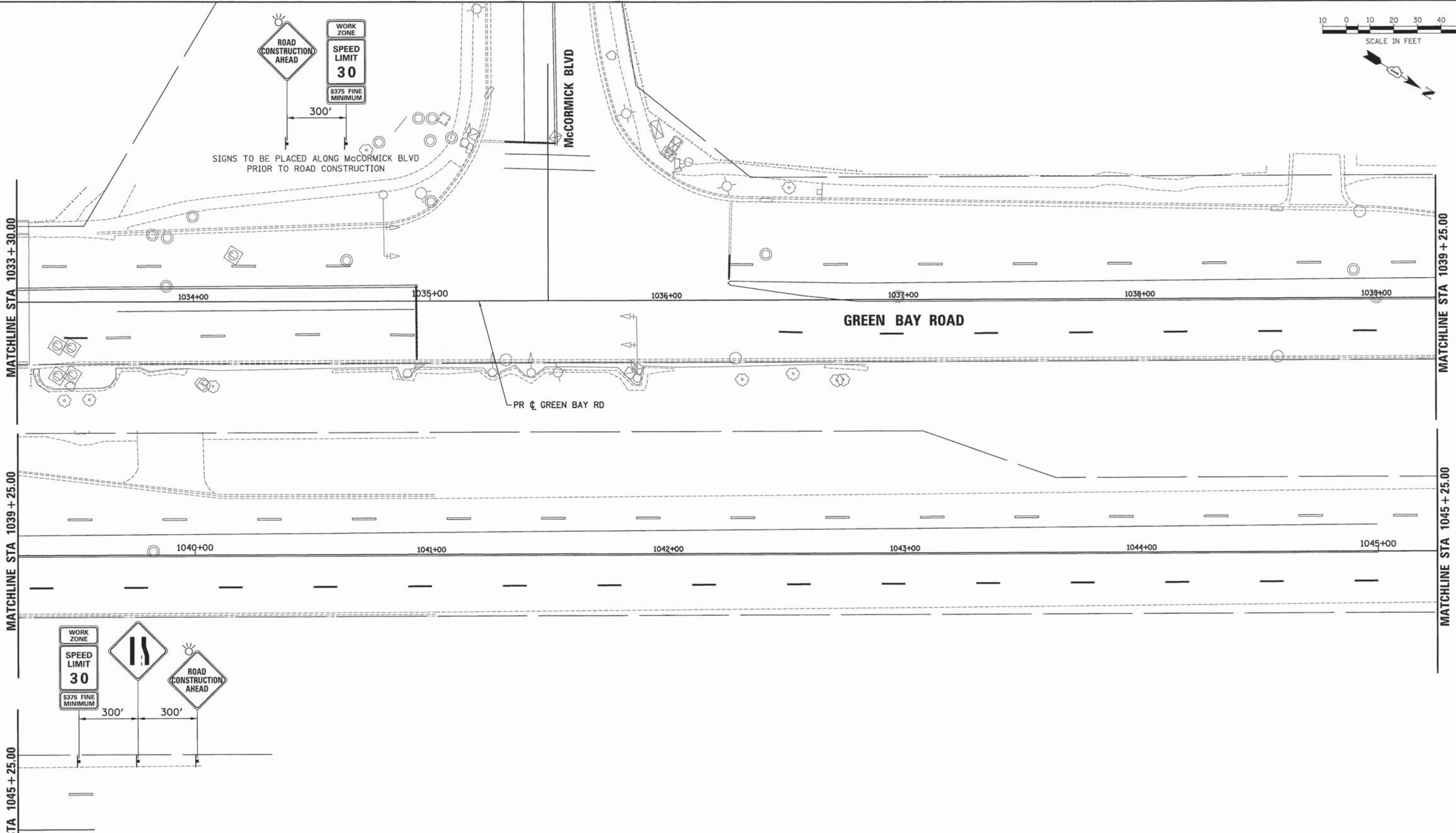
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 1			
GREEN BAY ROAD			
SCALE:	SHEET 3 OF 104 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	71
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				



PLAN	DATE
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ALIGNED	BY
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NO. OF WAY CHECKED	
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PROFILE	DATE
SURVEYED	BY
GRADES CHECKED	BY
B.M. NOTED	
STRUCTURE NOTATIONS CHRD	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhanrshc	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
PLOT SCALE = 20.0000' / 1"	CHECKED - KH	REVISED - -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

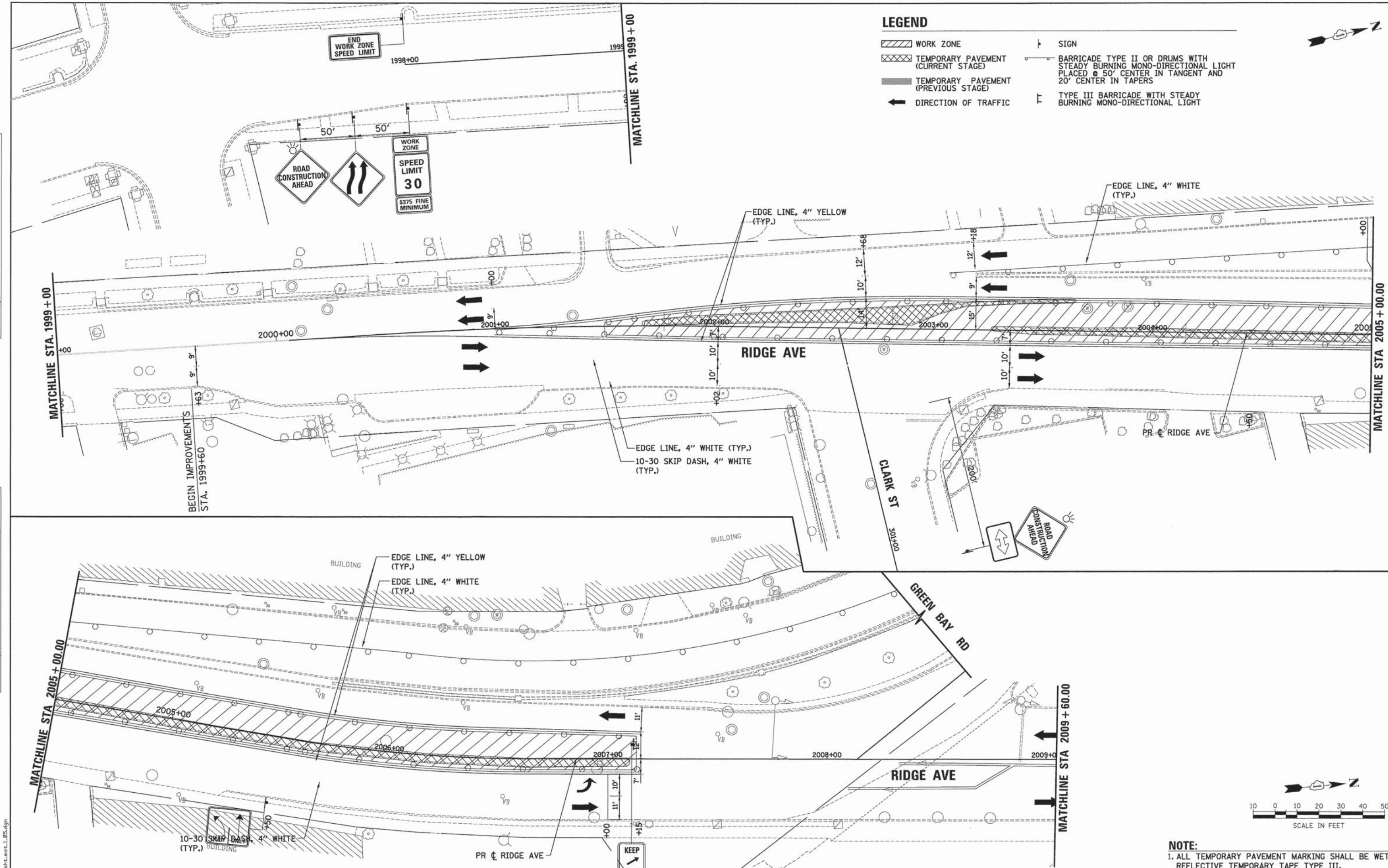
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 1			
GREEN BAY ROAD			
SCALE:	SHEET 4 OF 104 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	72
				CONTRACT NO. G1C32
ILLINOIS FED. AID PROJECT				

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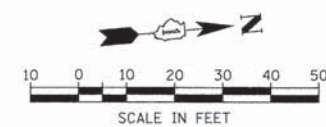
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DATE	
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PROFILE	
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PLOTTED	
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LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT



NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.

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 1000 W. WASHINGTON ST. SUITE 100
 DEERFIELD, IL 60015
 TEL: 847.938.8800
 WWW.ESI-CONSULTANTS.COM

USER NAME = bharrschs	DESIGNED -	REVISED -
DRAWN - BAH	REVISED -	REVISED -
CHECKED - KH	REVISED -	REVISED -
DATE - 10/9/2015	REVISED -	REVISED -

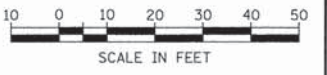
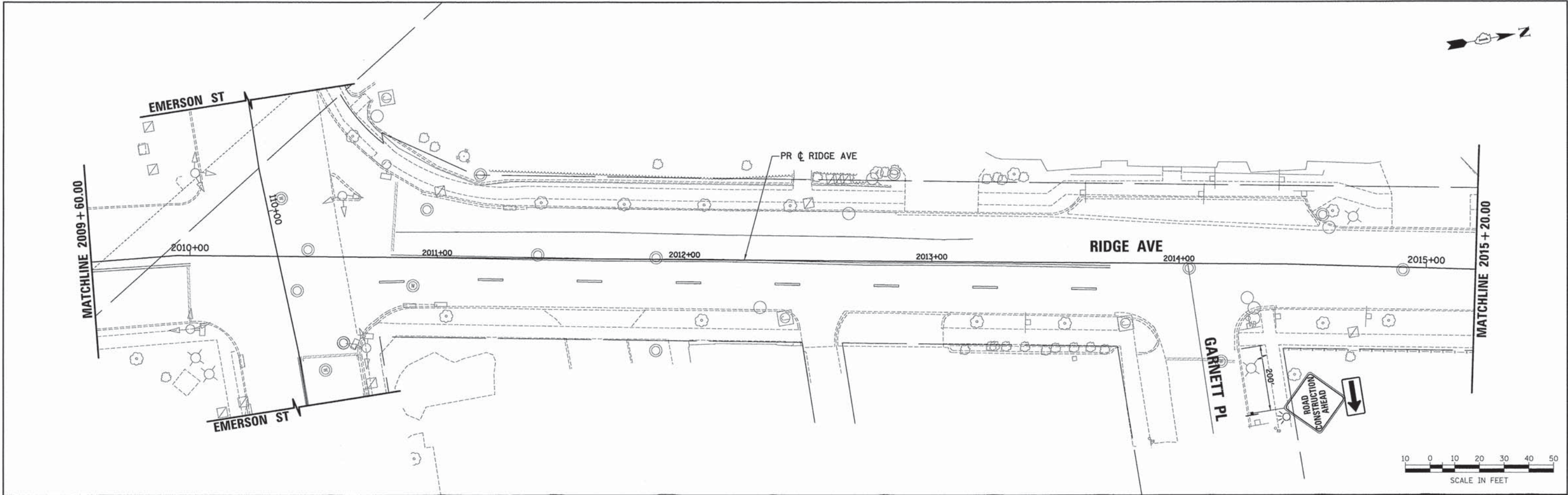
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1
RIDGE AVENUE

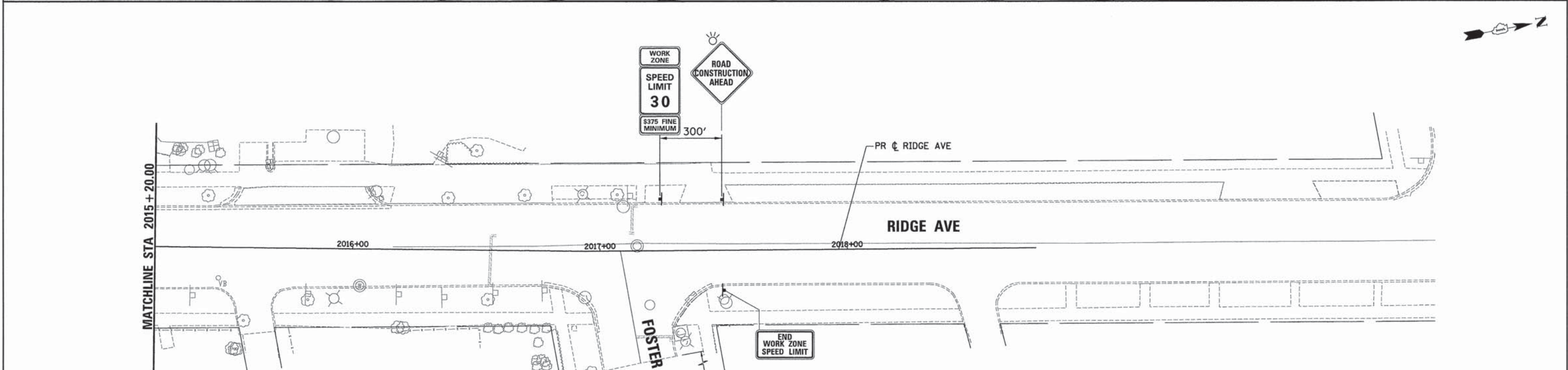
SCALE:	SHEET 5 OF 104 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	73
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	B.M. NOTED	
	STRUCTURE NOTATIONS OK'D	
	NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhenrsoha	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
PLOT SCALE = 20,0000' / 1" =	CHECKED - KH	REVISED - -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED - -

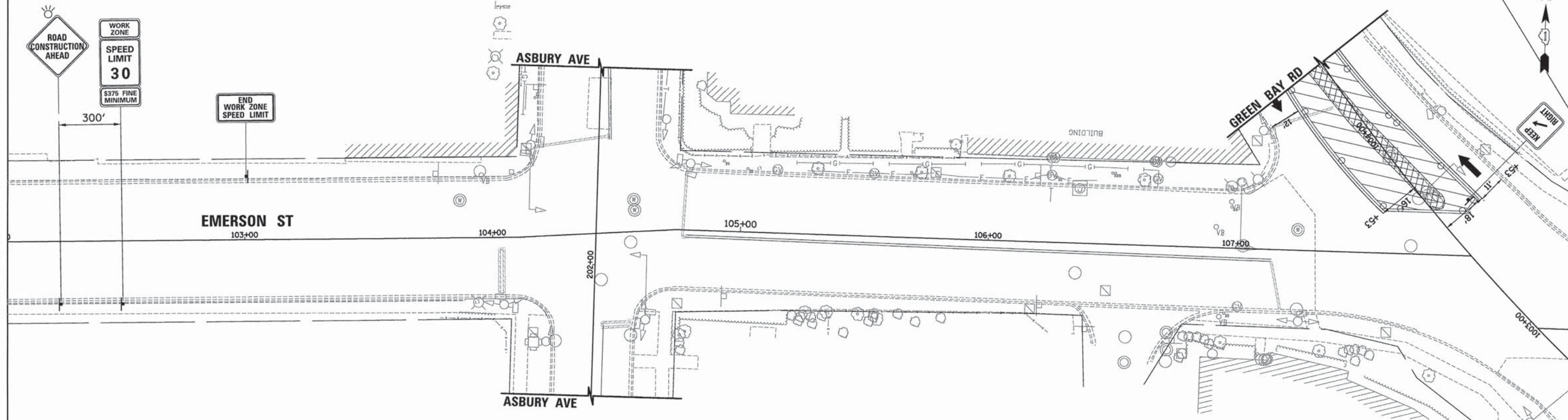
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 1			
RIDGE AVENUE			
SCALE:	SHEET 6 OF 104 SHEETS	STA.	TO STA.

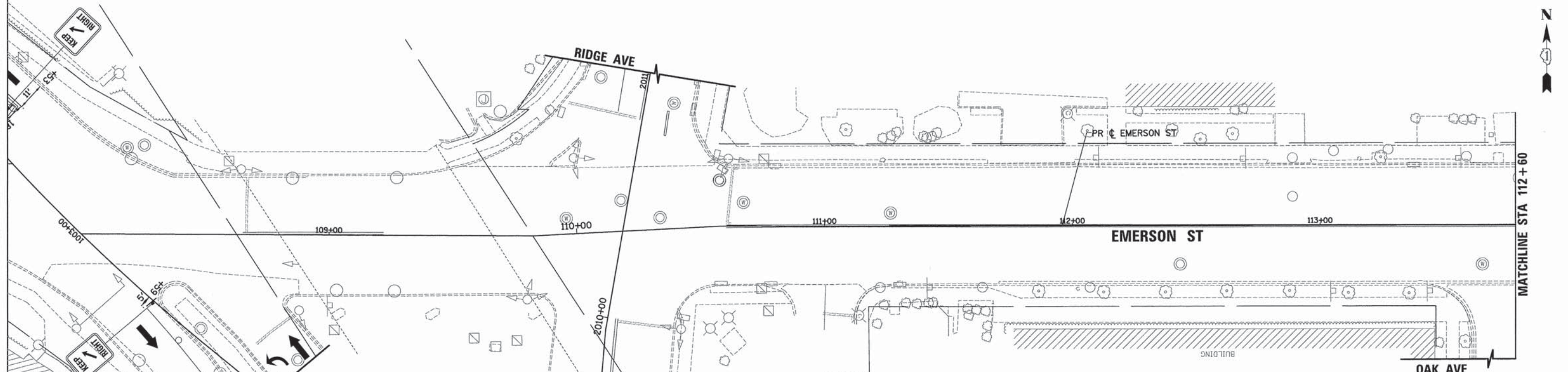
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	74
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	FILED	
	NO.	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	FILED	
	NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME =	bharrschs
DESIGNED -	BAH
DRAWN -	BAH
CHECKED -	KH
DATE -	10/9/2015
REVISIONS	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

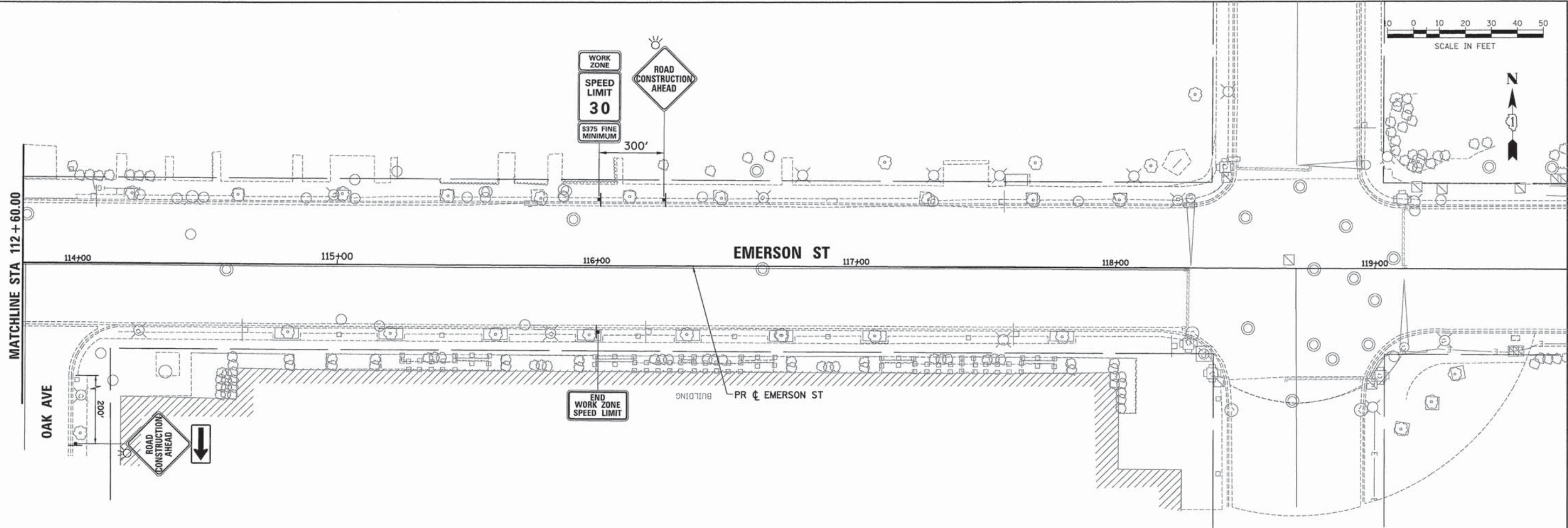
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 1	
EMERSON STREET	
SCALE:	SHEET 7 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	75
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

FILE NAME: ERG81_ahL_mst-1.87.dgn

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	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhanrisha	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED -
PLOT SCALE = 28,0000' / 1in.	CHECKED - KH	REVISED -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 1			
EMERSON STREET			
SCALE:	SHEET 8 OF 104 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	76
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

FILE NAME: ERG811.shx_m01_1.08.dgn

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

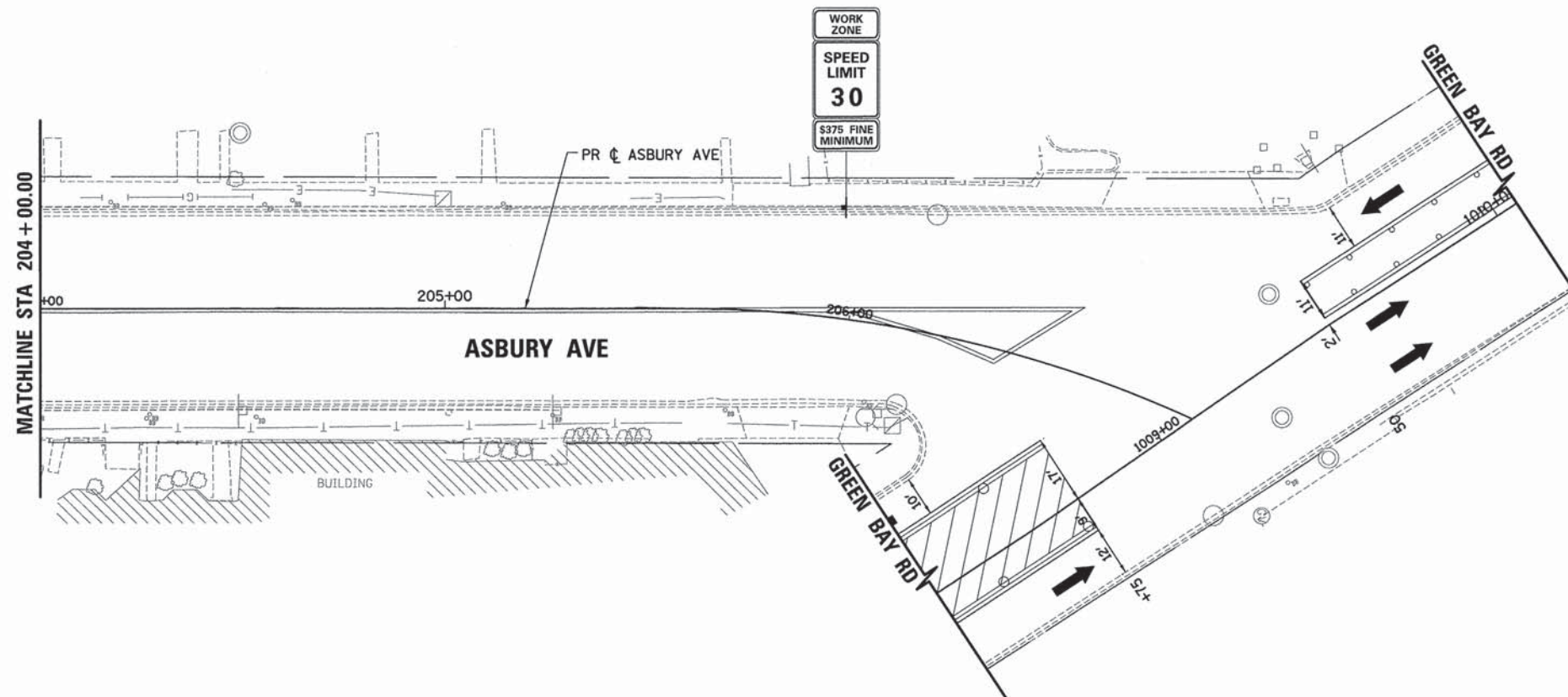
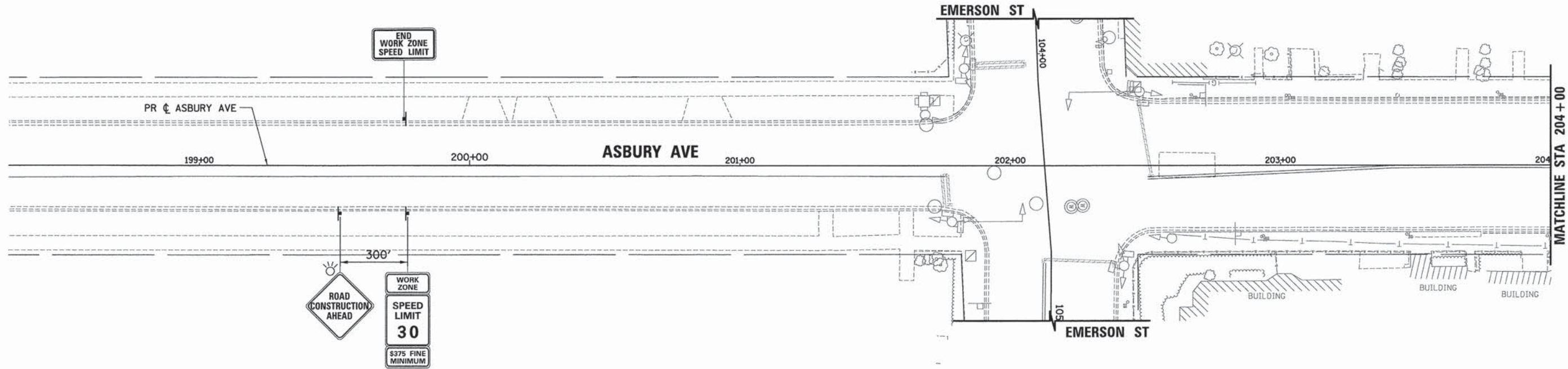


SCALE IN FEET



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO.		



NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhennrichs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

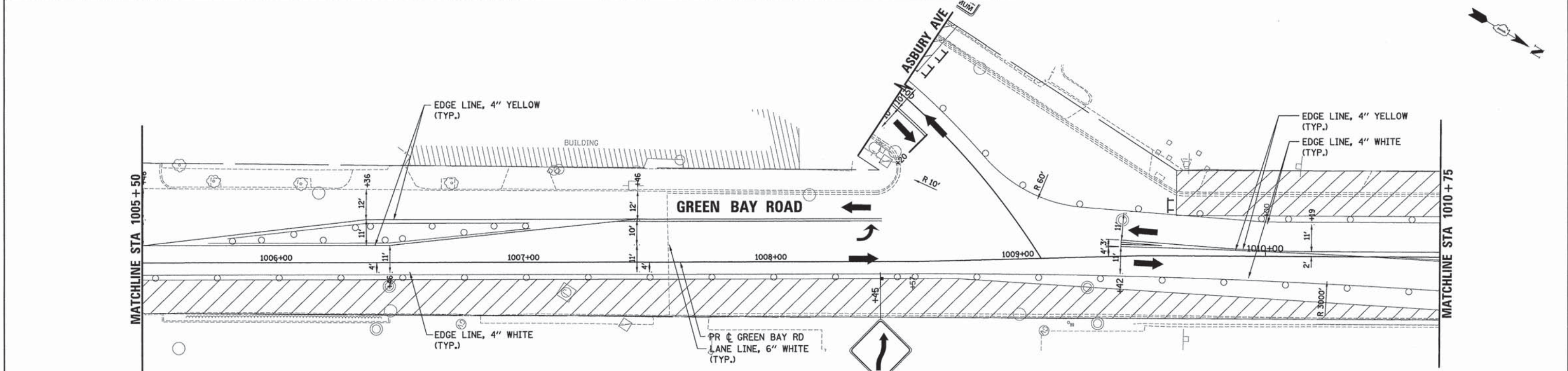
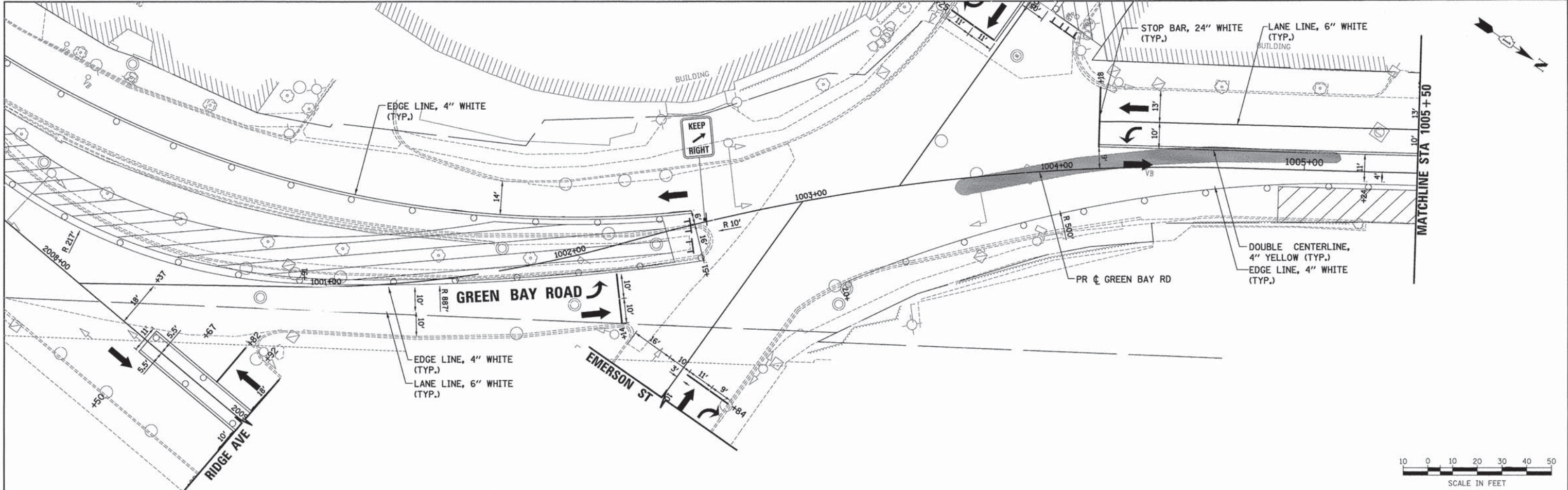
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 1			
ASBURY AVENUE			
SCALE:	SHEET 9 OF 104 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	77
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

FILE NAME: ERGB1_sht_104_1.dwg

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATIONS CHKD		



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



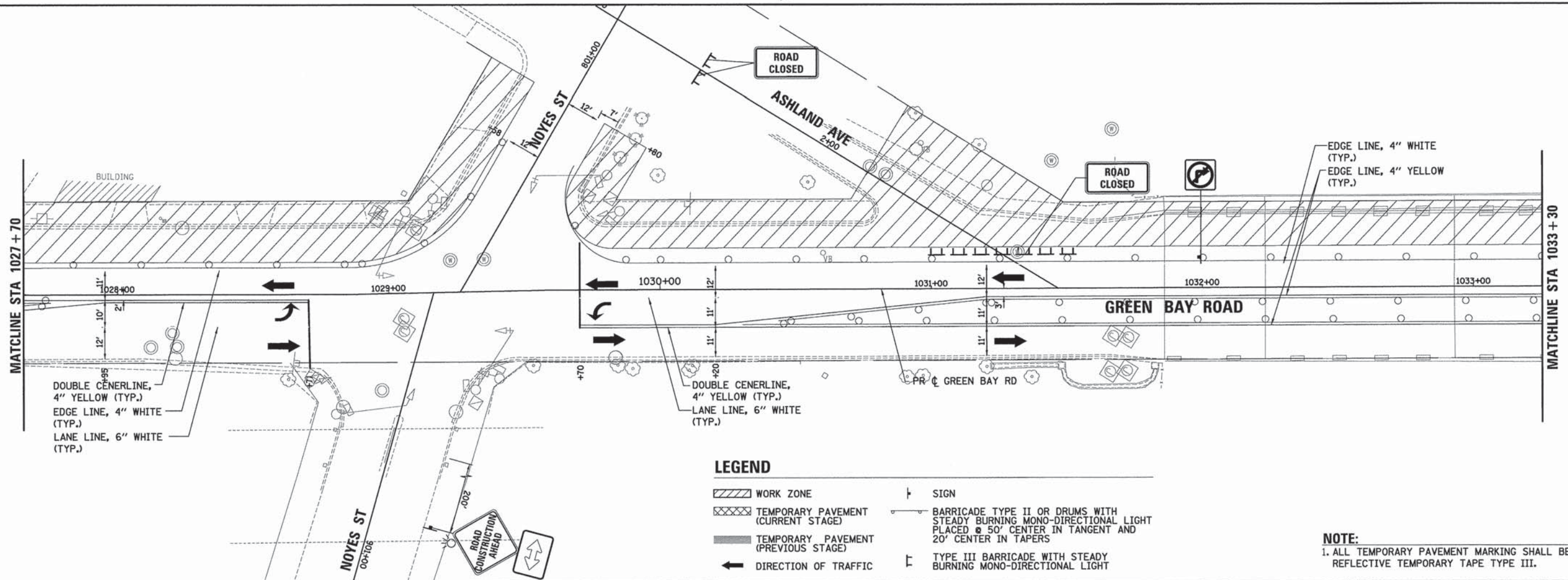
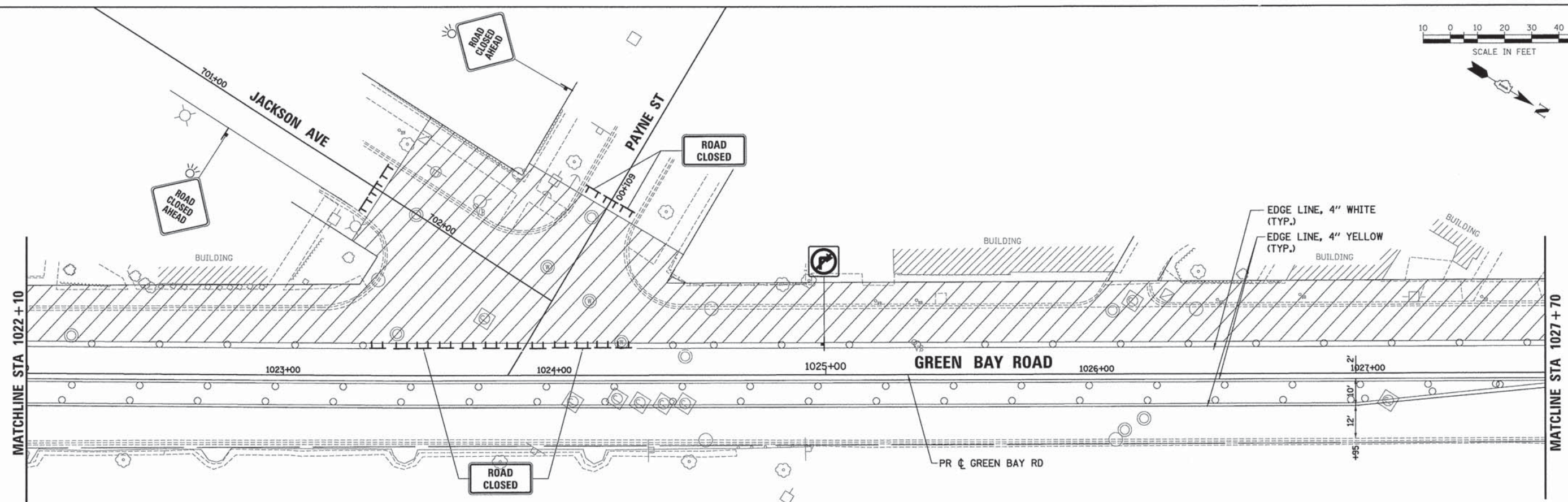
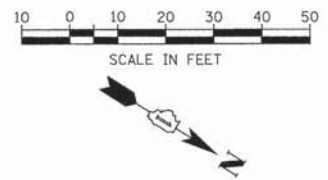
USER NAME = bhenrichs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
PLOT SCALE = 28.0000' / 1\"/>		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2
GREEN BAY ROAD
SCALE: SHEET 1 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	78
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

FILE NAME: ERGB1_sht_1005+50_2_01.dgn



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.

PLAN	SURVEYED	DATE
	ALIGNED	
	NOTED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	ALIGNED	
	NOTED	
	BY	
	NO.	

FILE NAME: ETR01_ah1_mst.2_03.dgn

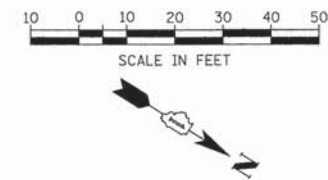
ESI CONSULTANTS, LTD.
222 N. WASHINGTON ST., SUITE 200
CHICAGO, IL 60601
TEL: 312.329.8800 FAX: 312.329.8801
WWW.ESI-CONSULTANTS.COM

USER NAME = bhanrschs	DESIGNED - BAH	REVISED -
PLOT SCALE = 28,00000 ' / 1"	DRAWN - BAH	REVISED -
PLOT DATE = 1/7/2016	CHECKED - KH	REVISED -
	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

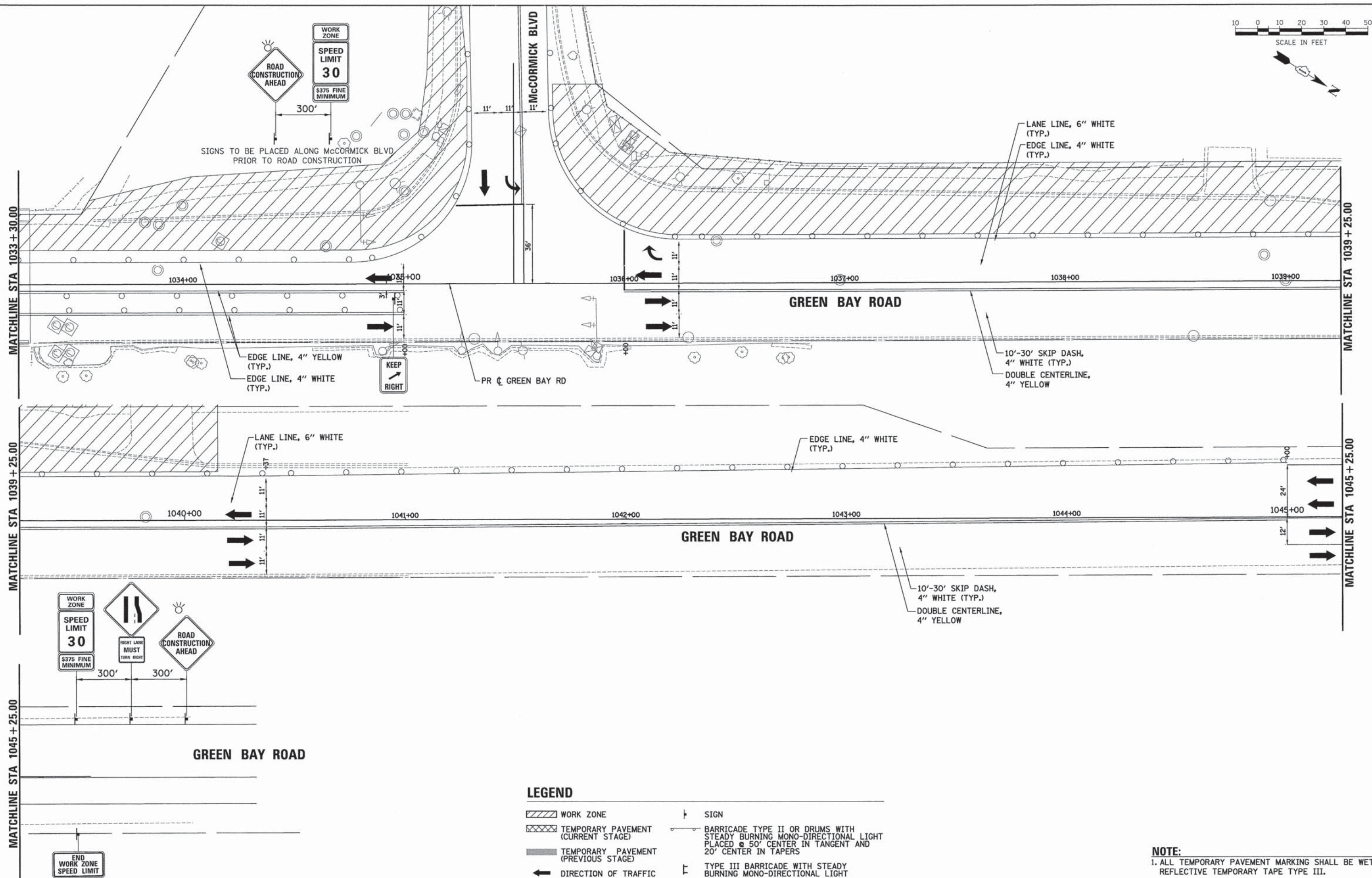
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 2	
GREEN BAY ROAD	
SCALE:	SHEET 3 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	80
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
NOTED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTED	
NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhenrshs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

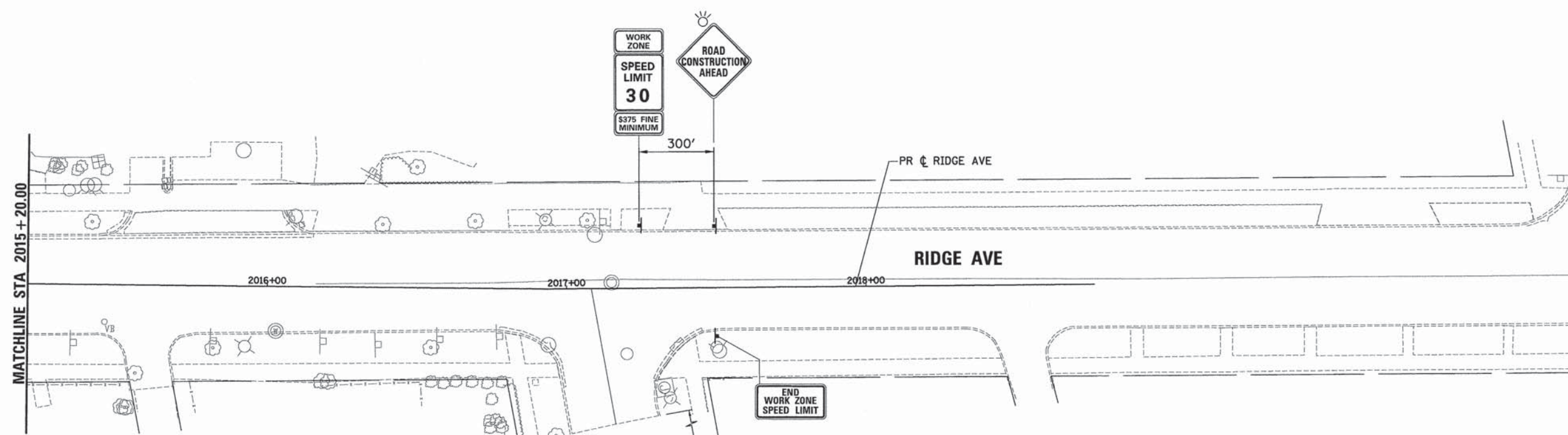
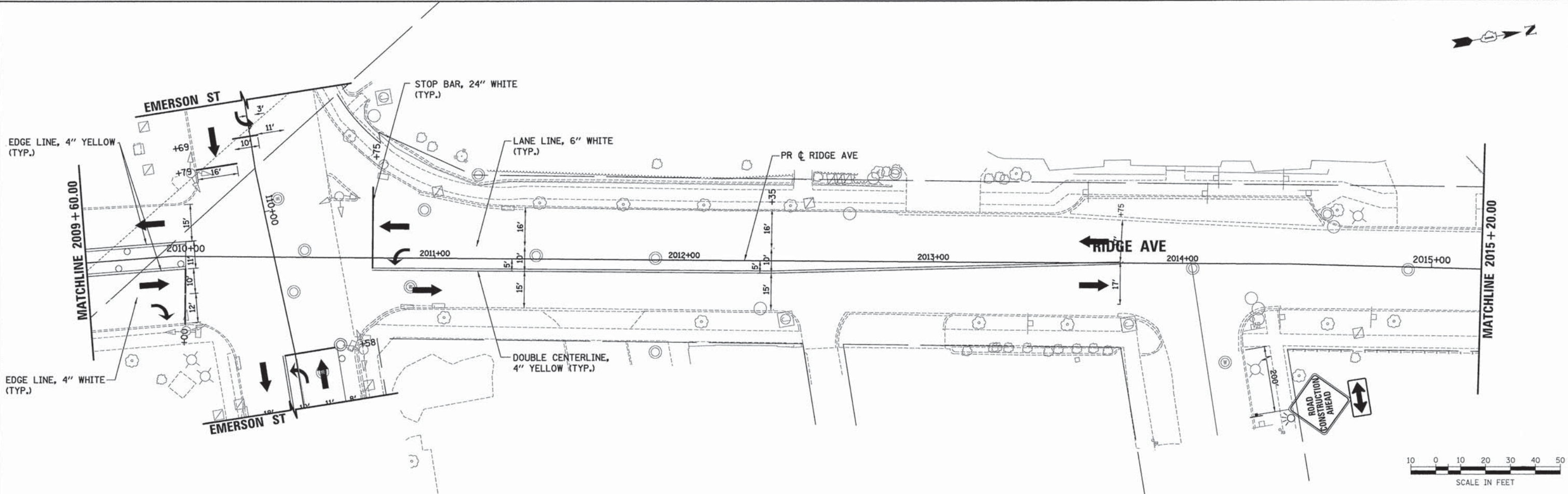
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2
GREEN BAY ROAD
SCALE: SHEET 4 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	81
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

FILE NAME: ER081_sht_1045-1045-2_B4.dgn

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	ALIGNED	BY
	NOTED	NO.
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	NO.
	BY	
	NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



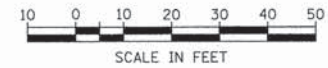
USER NAME = bhenrzsche	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

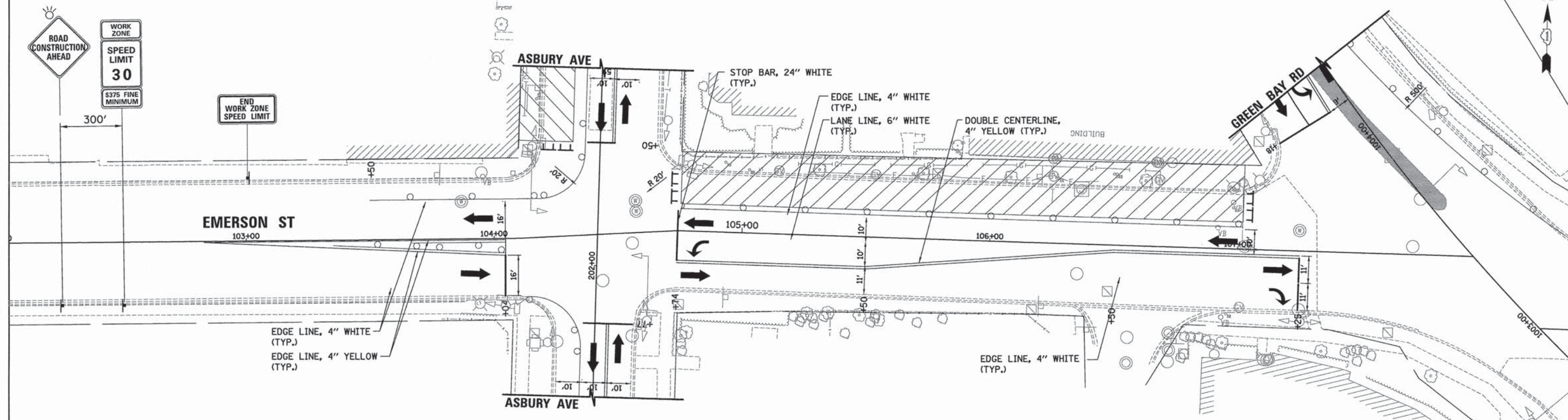
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 2	
RIDGE AVENUE	
SCALE:	SHEET 6 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	83
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

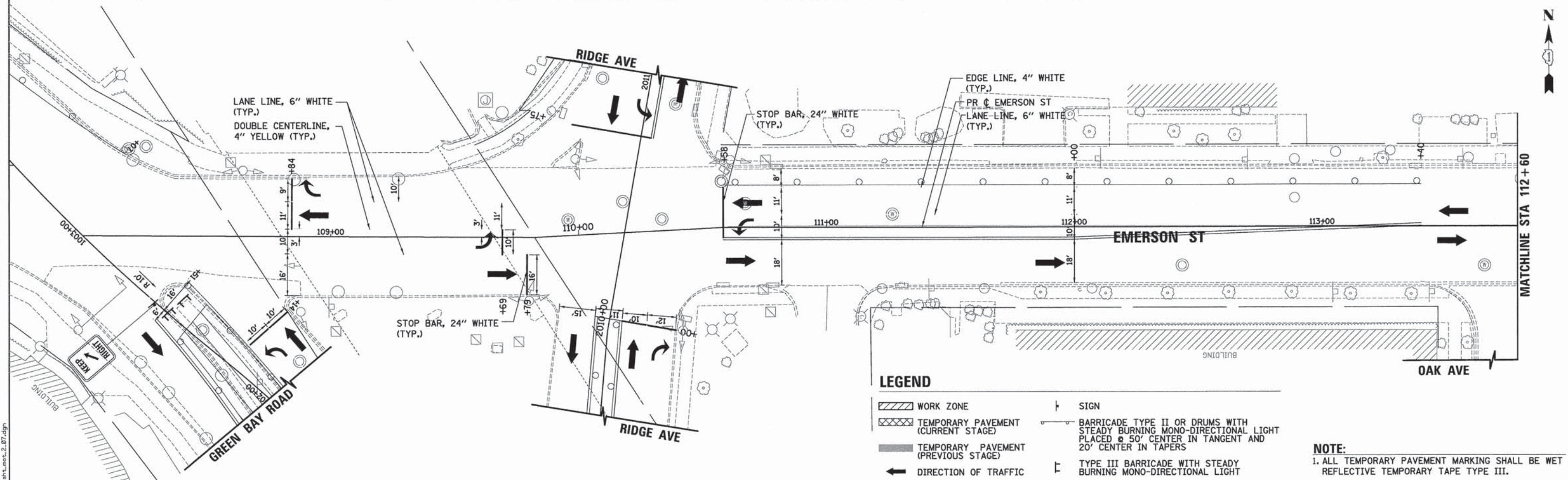
FILE NAME: ERG81_sht.mst.2_86.dgn



DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	CADD FILE NAME
	NO.



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



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhanrschs	DESIGNED - BAH	REVISED - -
PLLOT SCALE = 20.0000' / 1" =	DRAWN - BAH	REVISED - -
PLLOT DATE = 1/7/2016	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

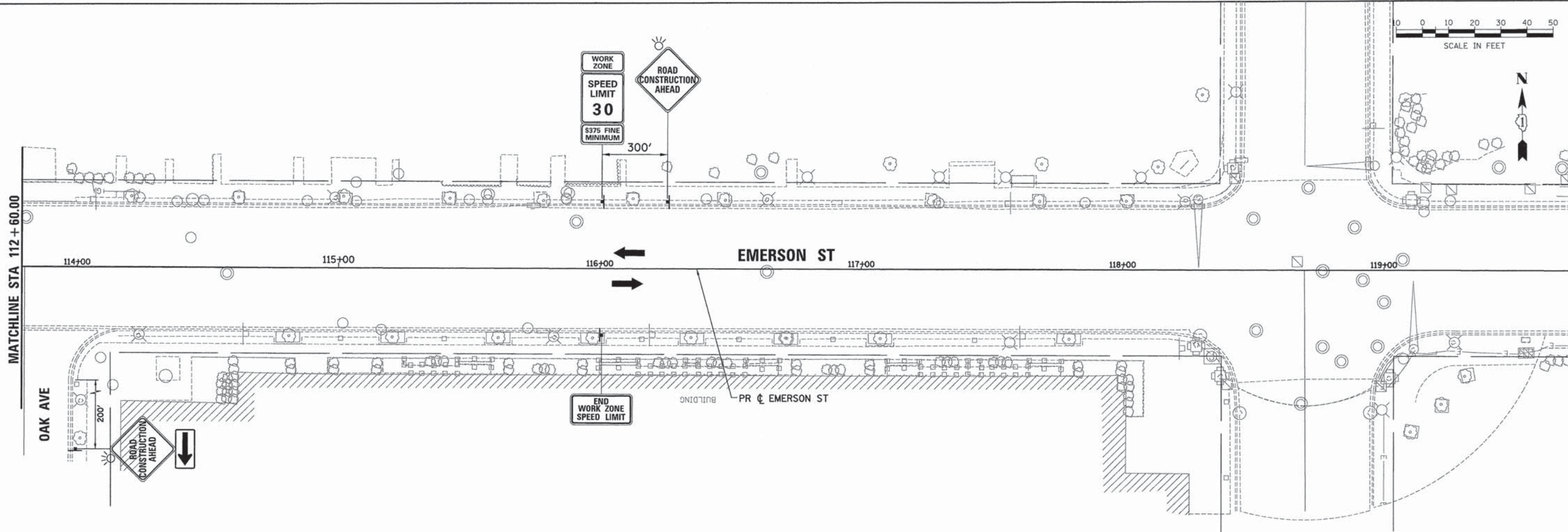
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2			
EMERSON STREET			
SCALE:	SHEET 7 OF 104 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	84
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SUBMITTED
	PLOTTED
	GRADES CHECKED
	ALIGNMENT CHECKED
	NOTED
	CARD FILE NAME
	NO.

DATE	
BY	
PROFILE	SUBMITTED
	PLOTTED
	GRADES CHECKED
	ALIGNMENT CHECKED
	NOTED
	STRUCTURE NOTATIONS CHYD
	NO.

FILE NAME: ERIGI_ahL_not_2_08Ldgn



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.

ESI CONSULTANTS, LTD.
2725 W. FULLER ROAD, SUITE 100
 DEERFIELD, IL 60015
 TEL: 847.938.8800 FAX: 847.938.8801
 WWW.ESI-CONSULTANTS.COM

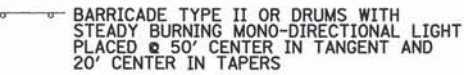
USER NAME = bhenrscha	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
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PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED - -

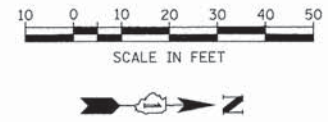
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2			
EMERSON STREET			
SCALE:	SHEET	8 OF 104 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	85
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

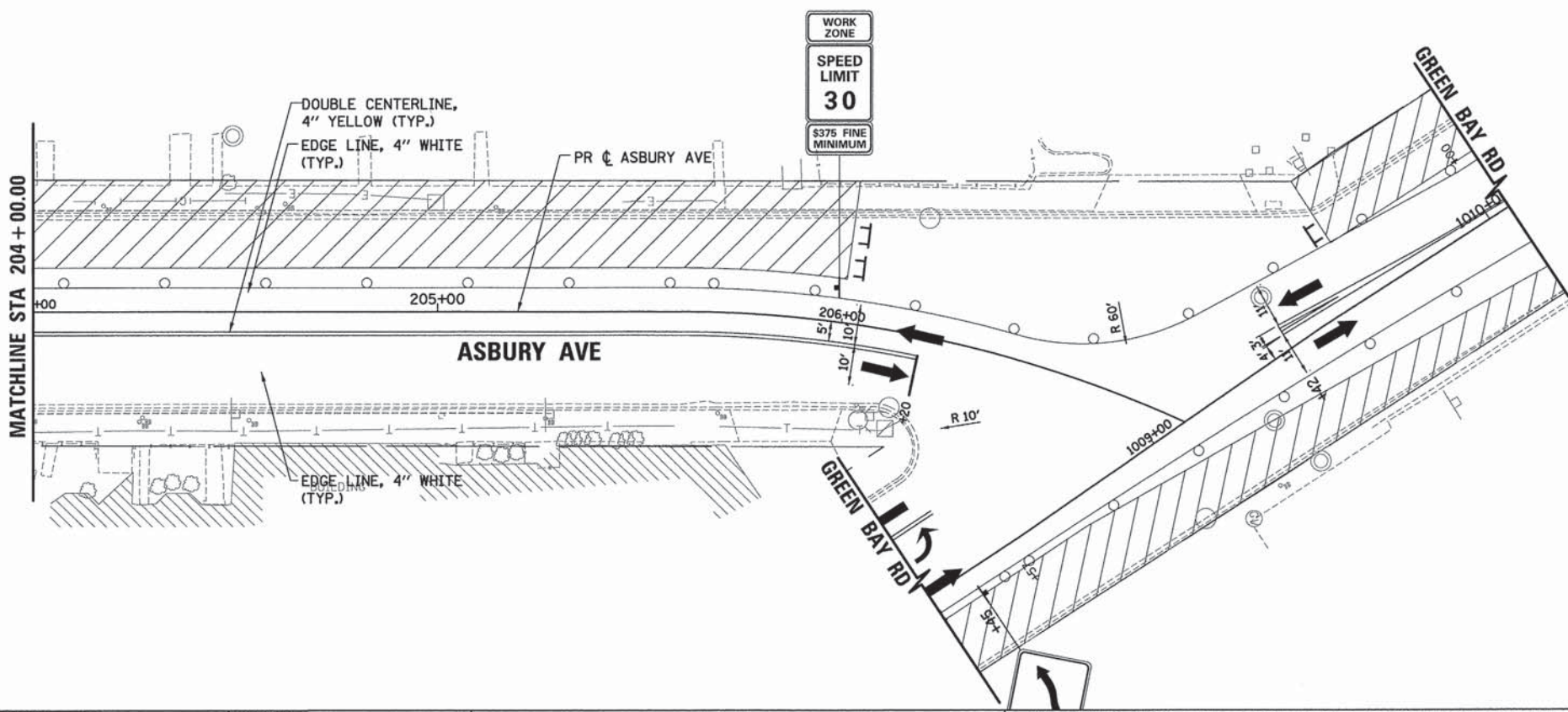
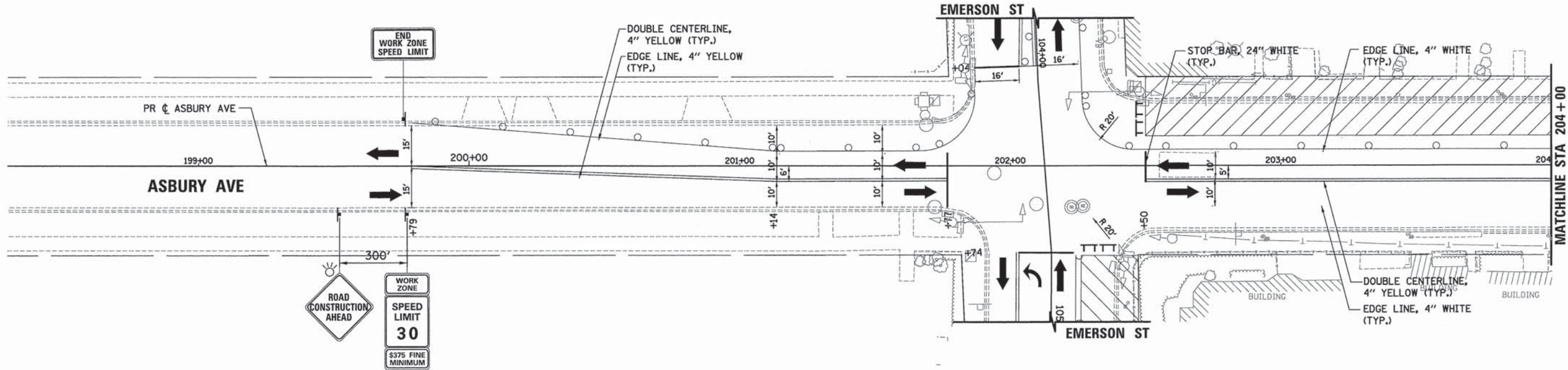
LEGEND

-  WORK ZONE
-  TEMPORARY PAVEMENT (CURRENT STAGE)
-  TEMPORARY PAVEMENT (PREVIOUS STAGE)
-  DIRECTION OF TRAFFIC
-  SIGN
-  BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
-  TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhenschs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED -
PLOT SCALE = 28.8116' / 1" =	CHECKED - KH	REVISED -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

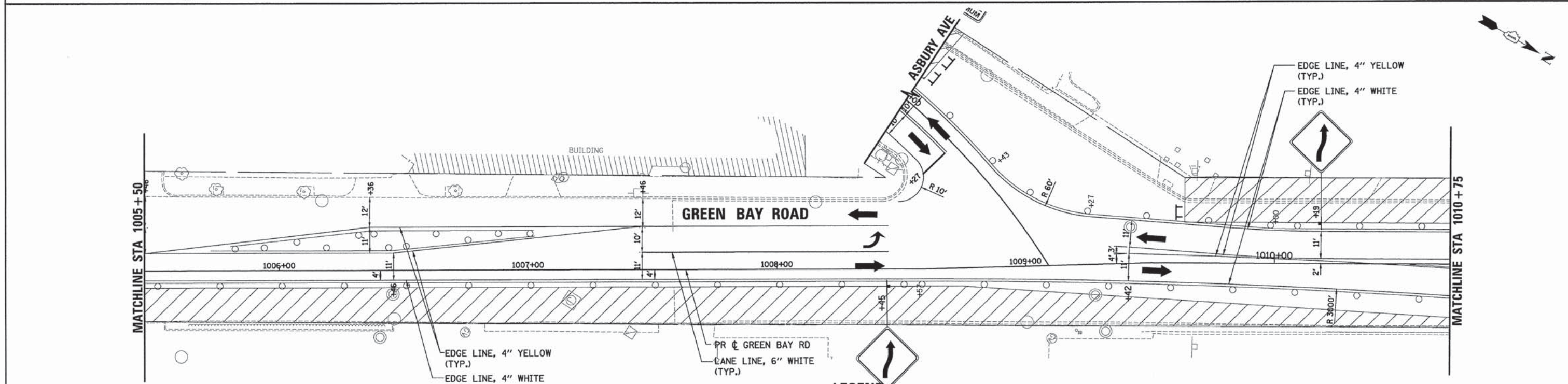
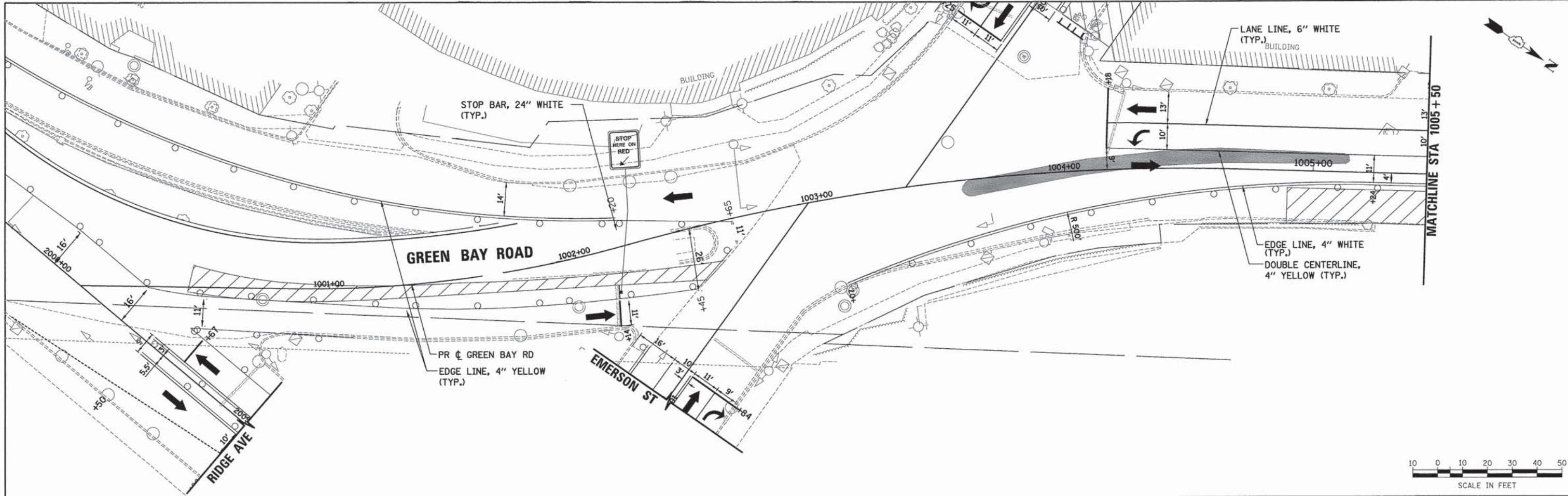
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2
ASBURY AVENUE
SCALE: SHEET 9 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	86
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

FILE NAME: ER081_sht_mct-2_89.dgn

PLAN	SURVEYED	DATE
	GRADES CHECKED	
	PLANNING	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	PLANNING	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.

ESI CONSULTANTS, LTD.
 1000 N. WILSON AVENUE
 SUITE 100
 DEERFIELD, IL 60015
 (708) 431-1000
 www.esiconsultants.com

USER NAME = bhanrsoha	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

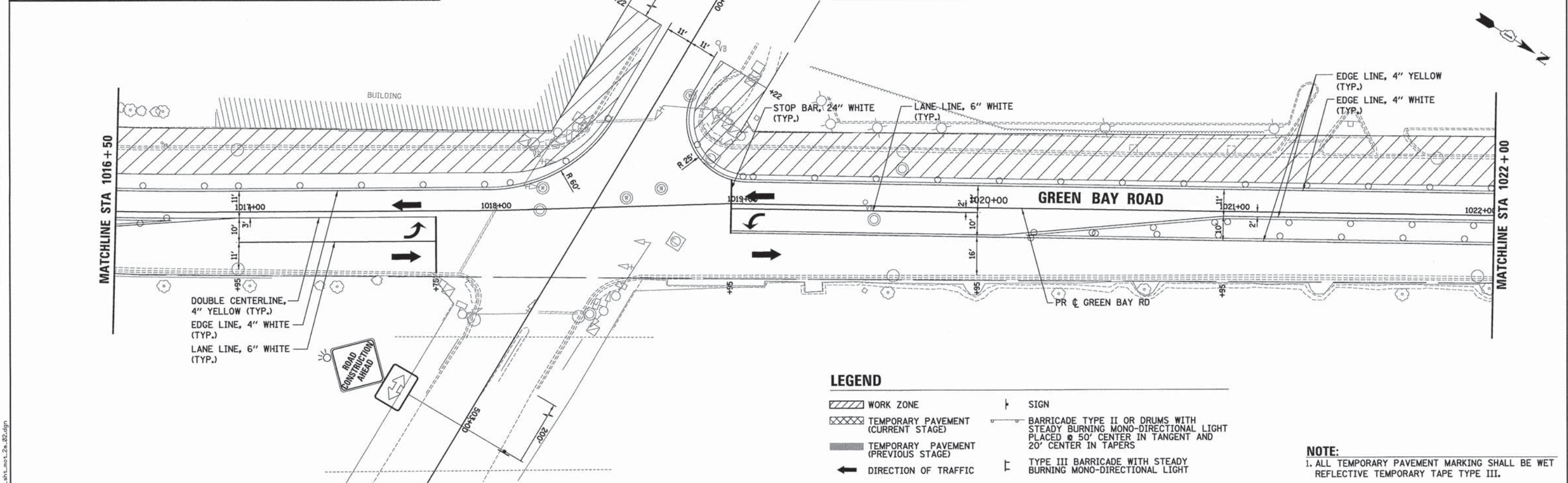
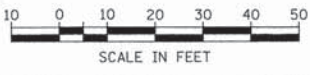
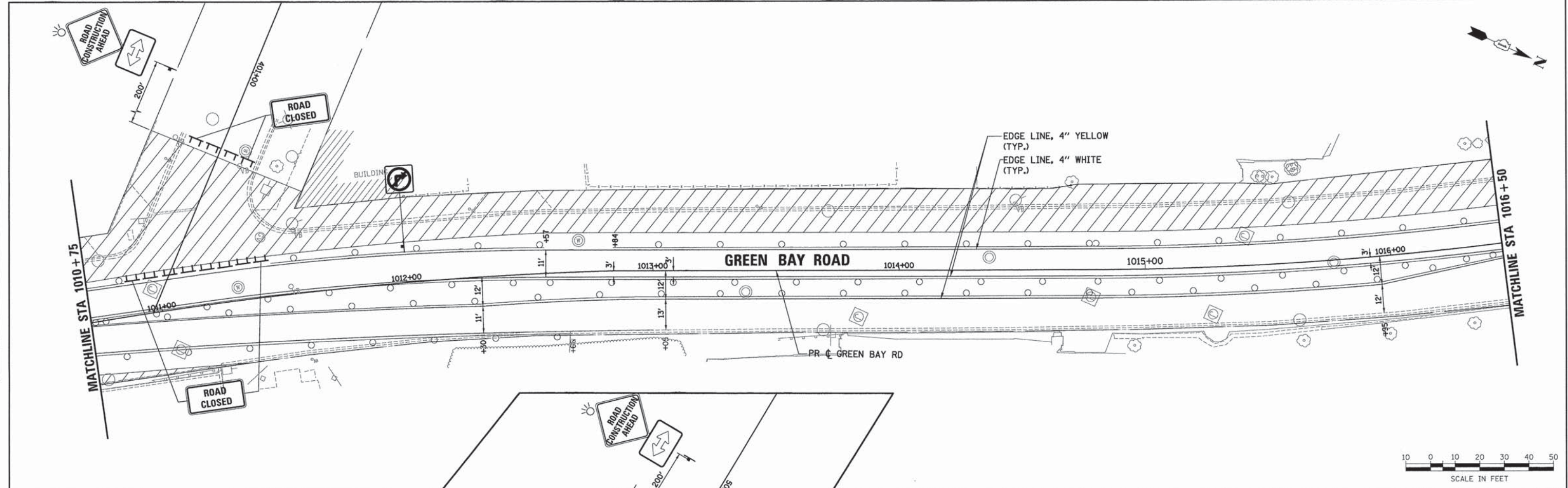
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 2a	
GREEN BAY ROAD	
SCALE:	SHEET 1 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	87
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

FILE NAME: ER081-ent-mat-2a-01.dgn

PLAN	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	FILED	
	NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.

ESI CONSULTANTS, LTD.
100 N. WASHINGTON ST., SUITE 100
CHICAGO, IL 60602
TEL: 312.467.1000
WWW.ESI-CONSULTANTS.COM

USER NAME = bhennrichs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

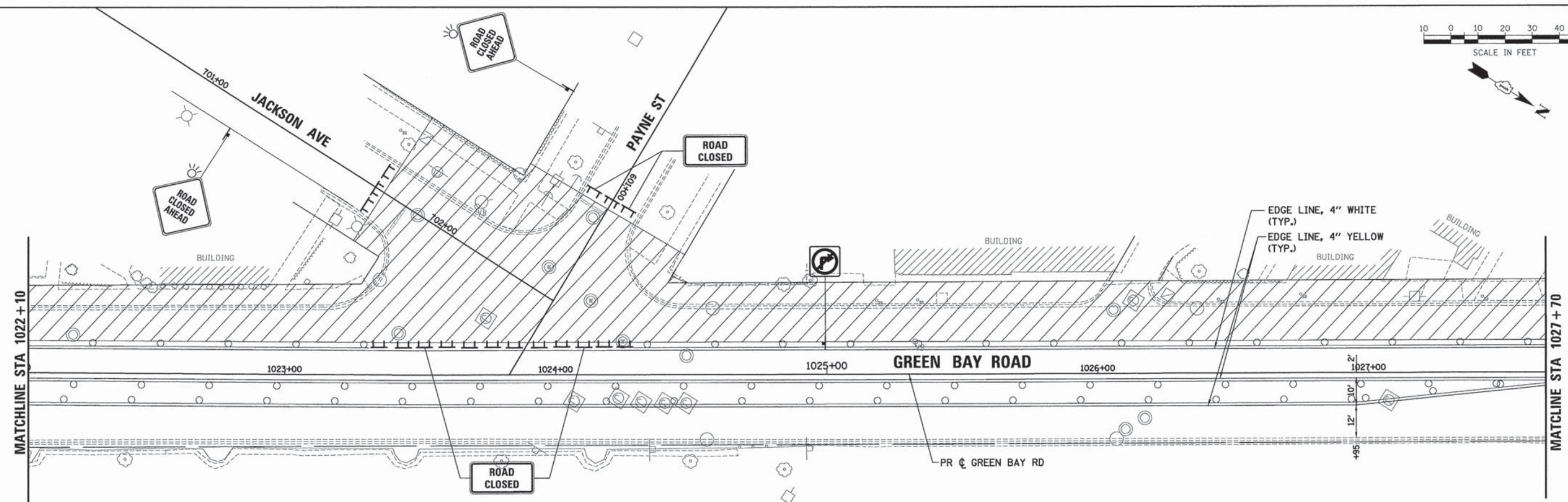
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2a			
GREEN BAY ROAD			
SCALE:	SHEET	2 OF 104 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	88
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

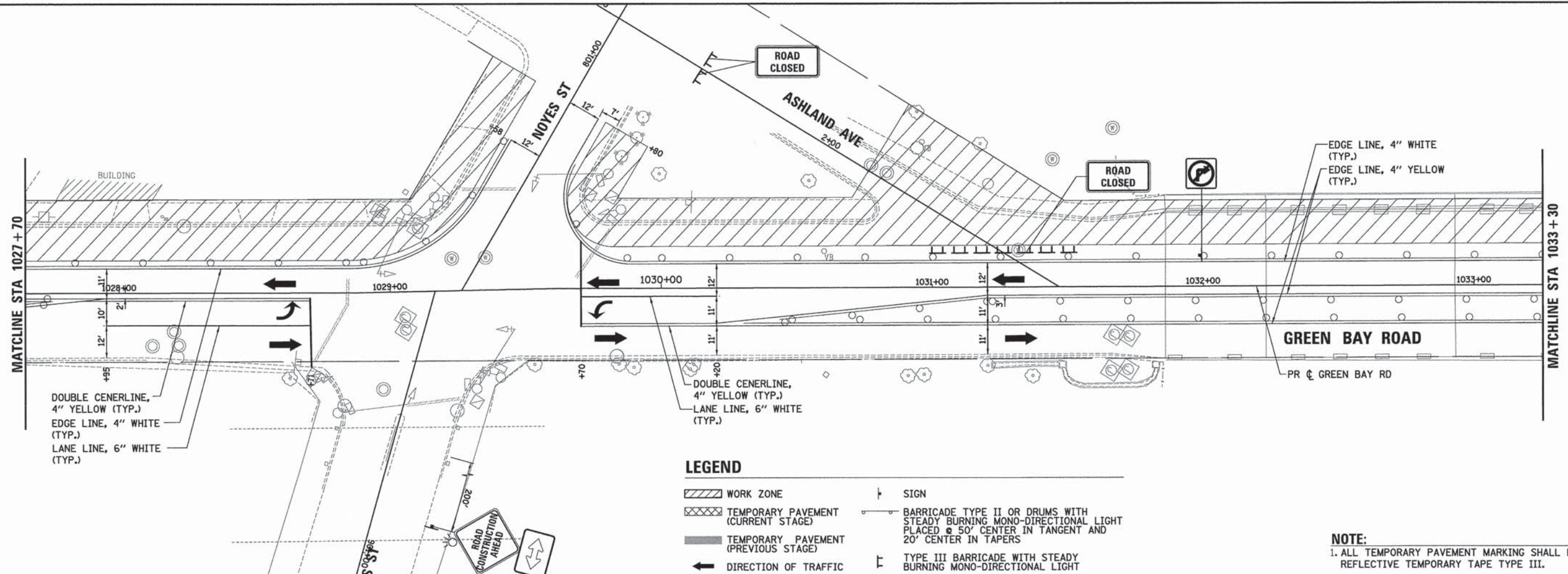
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	NO. OF WAY CHECKED		
	DATE FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WAY CHECKED		
	DATE FILE NAME		



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



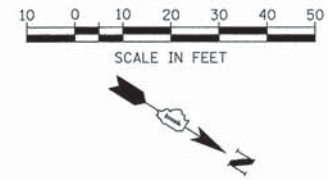
USER NAME = bhenrsche	DESIGNED - BAH	REVISED -
	DRAWN - BAH	REVISED -
	CHECKED - KH	REVISED -
	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2a			
GREEN BAY ROAD			
SCALE:	SHEET	3 OF 104 SHEETS	STA. TO STA.

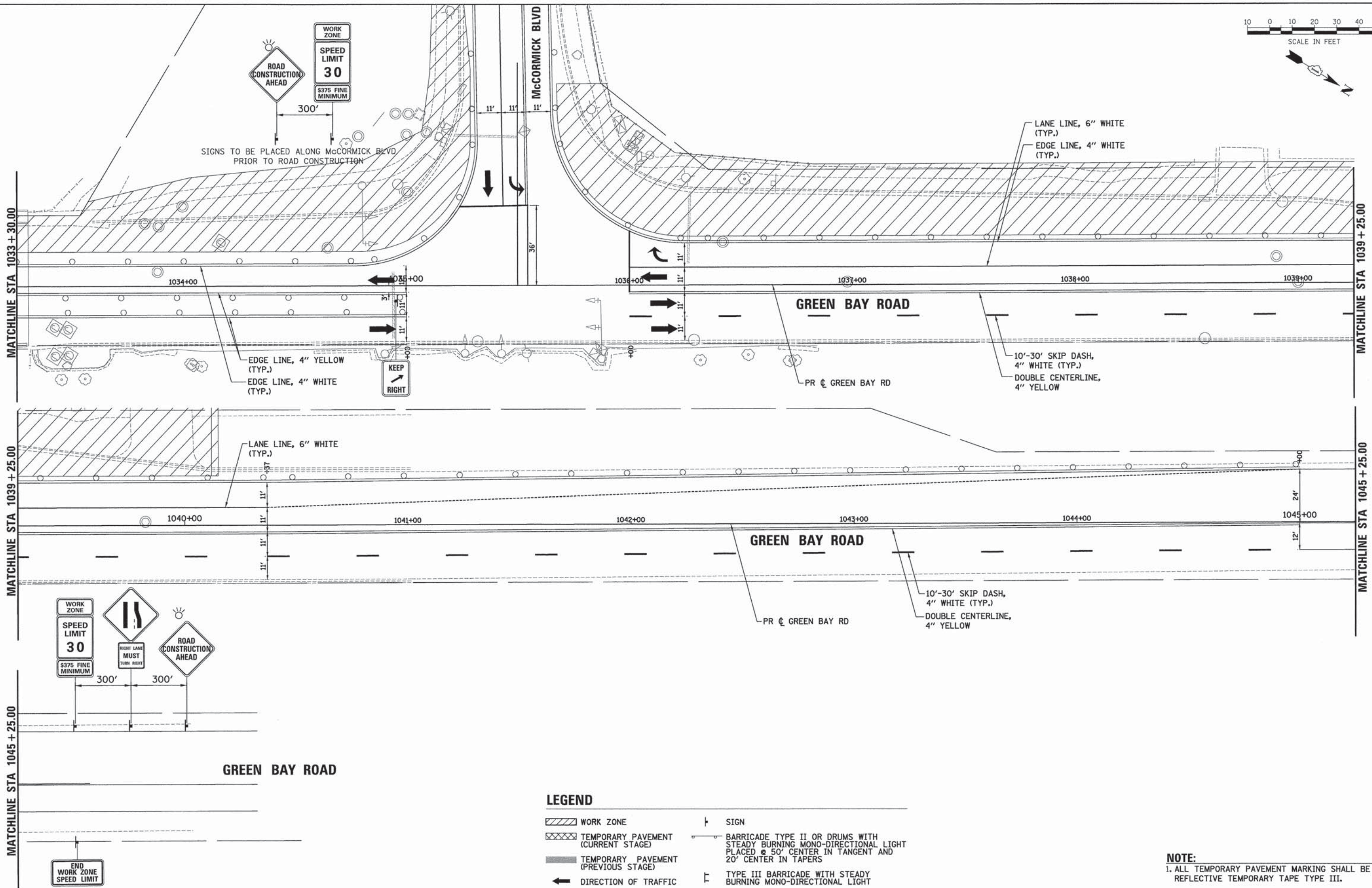
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	89
CONTRACT NO. 61C32				
ILLINOIS FED. AID PROJECT				

FILE NAME: E:\PCB1\ah1\mat-2a_83.dgn



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	FILE NAME	

PROFILE	SURVEYED	DATE
	ALIGNED	
	NOTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME =	bhenricha	DESIGNED -	BAH	REVISED -	-
DRAWN -	BAH	CHECKED -	KH	REVISIION -	-
PLLOT SCALE =	20,0000' / 1"	DATE -	10/9/2015	REVISIION -	-
PLLOT DATE =	1/7/2016				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

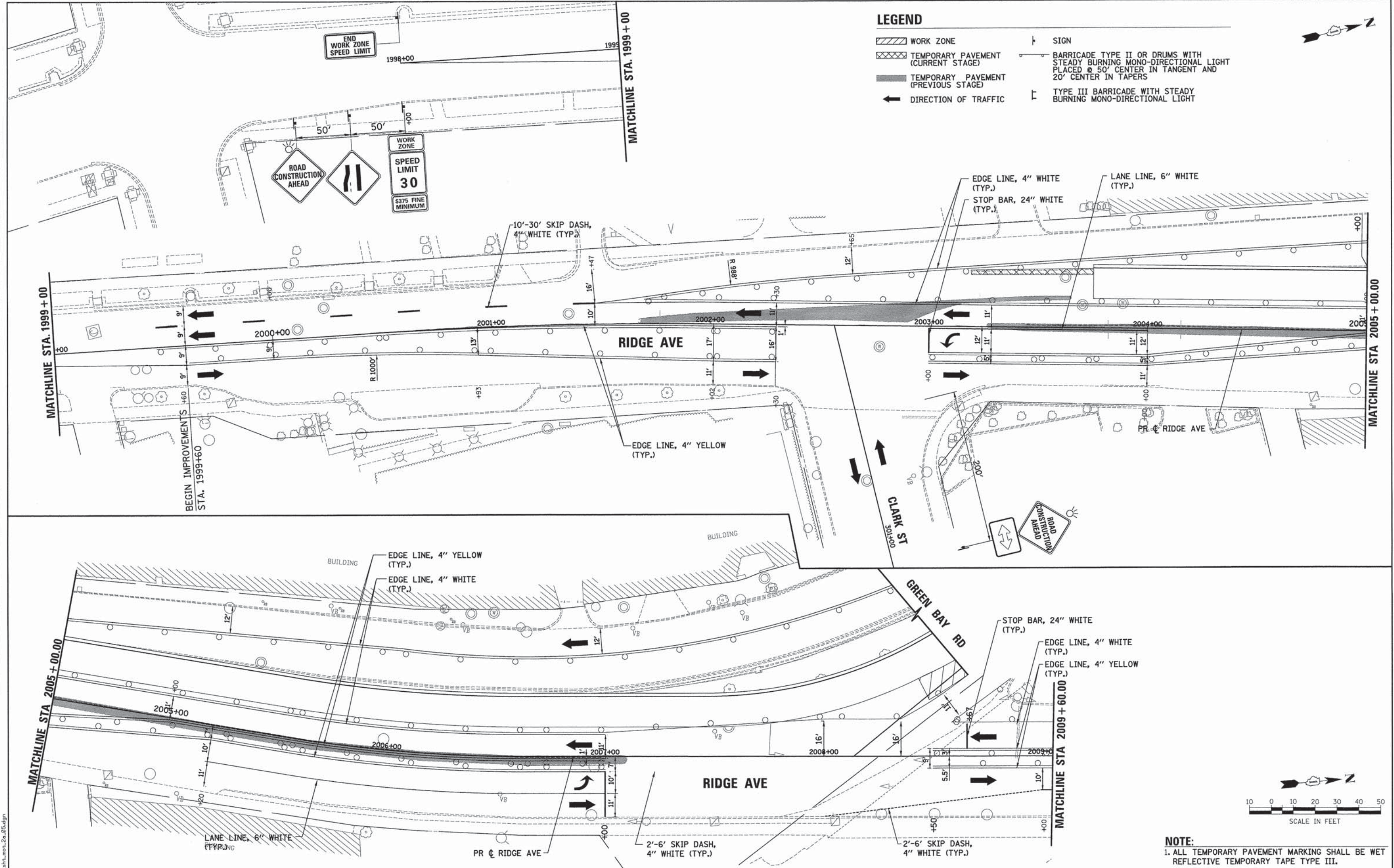
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2a			
GREEN BAY ROAD			
SCALE:	SHEET	4 OF 104 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	90
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

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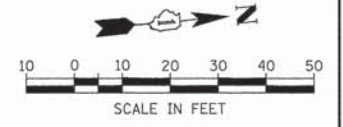
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	PLOTTED	
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	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
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	BY	
	NO.	



LEGEND

WORK ZONE	SIGN
TEMPORARY PAVEMENT (CURRENT STAGE)	BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
TEMPORARY PAVEMENT (PREVIOUS STAGE)	TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT
DIRECTION OF TRAFFIC	



NOTE:
 1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhenrsohs	DESIGNED -	REVISED -
	DRAWN - BAH	REVISED -
	CHECKED - KH	REVISED -
	DATE - 10/9/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

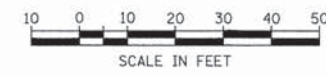
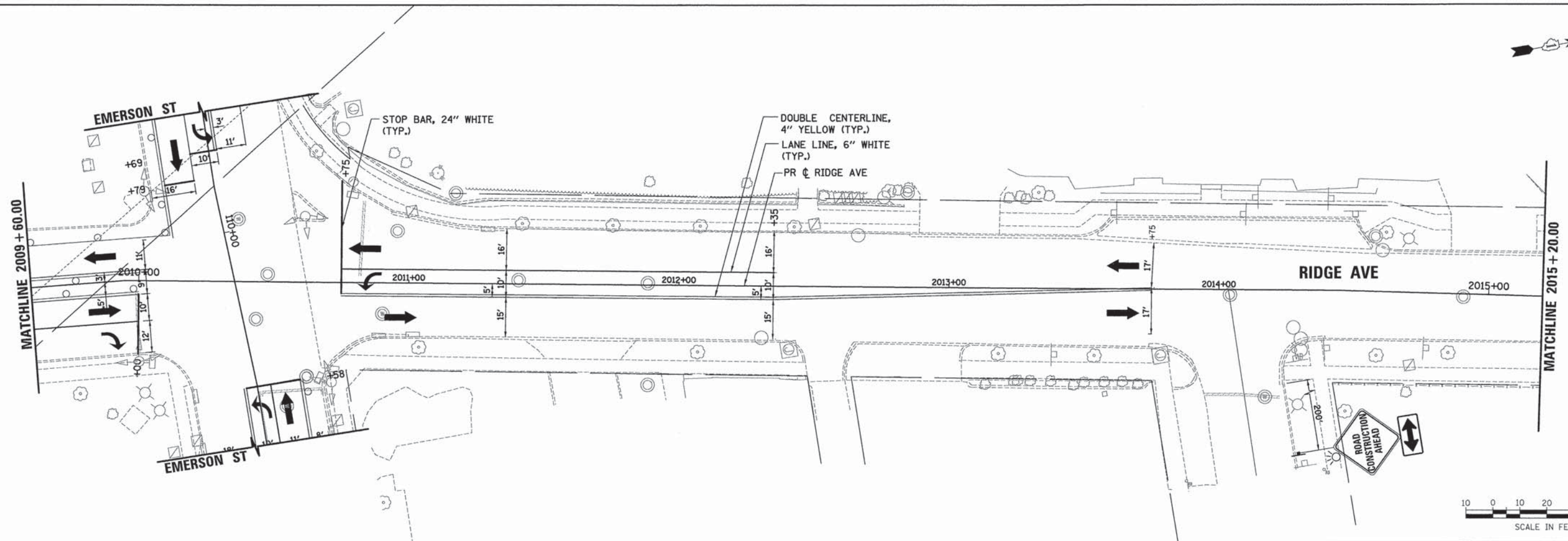
STAGE 2a
RIDGE AVENUE

SCALE: SHEET 5 OF 104 SHEETS STA. TO STA.

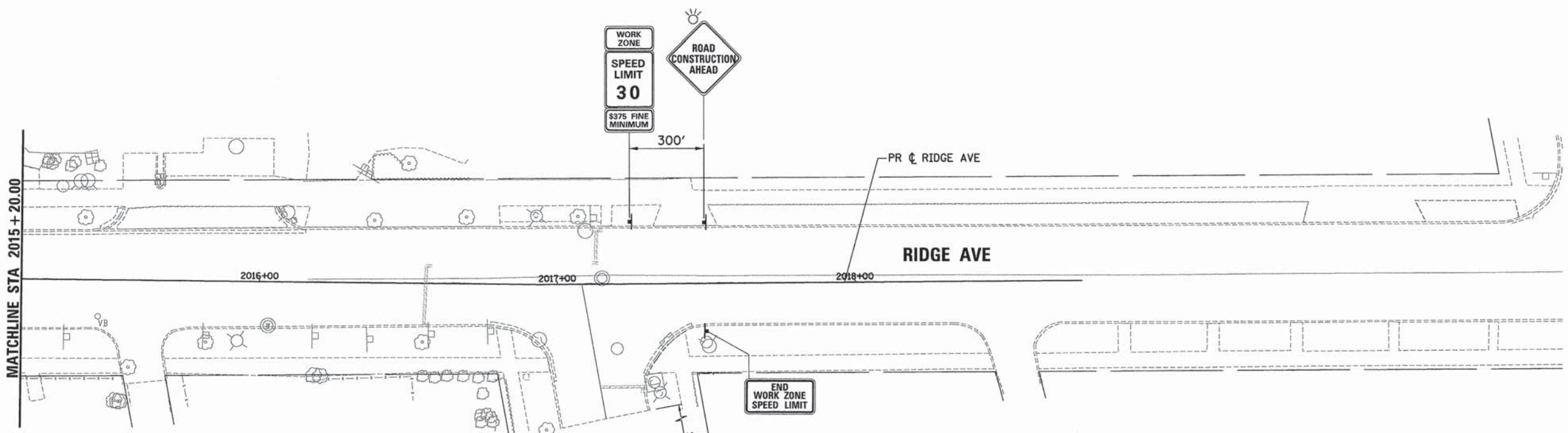
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ILLINOIS FED. AID PROJECT				

FILE NAME: ER001_ark_mst_2a_05.dgn

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	PLOTTED	BY
	CHECKED	
	ALIGNED	
	CADD FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NOTATIONS CHYD	
	NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhenr1schs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
PLOT SCALE = 28.0000' / 1" =	CHECKED - KH	REVISED - -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

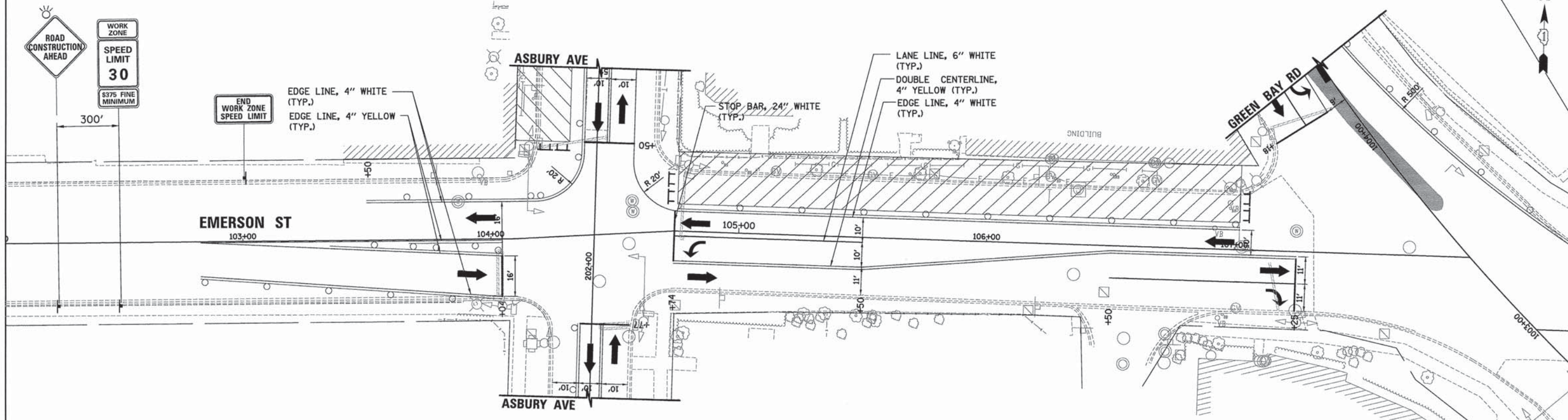
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2a			
RIDGE AVENUE			
SCALE:	SHEET 6 OF 104 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	92
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

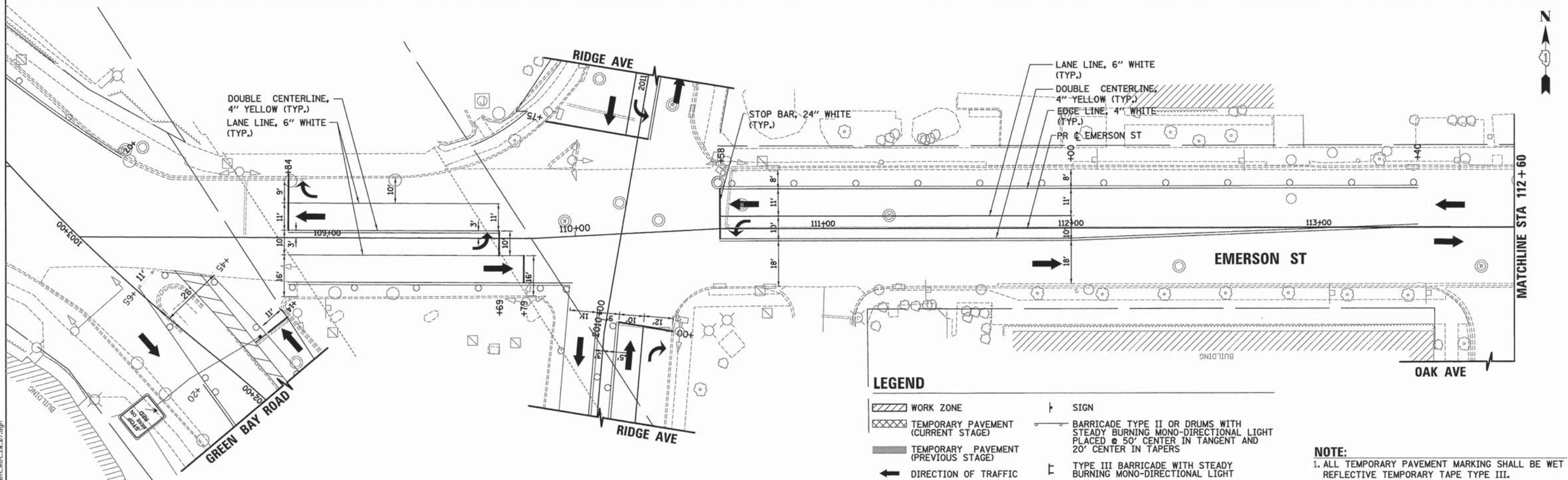
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ALIGNED	
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CADD FILE NAME	
NO.	



DATE	
BY	
PROFILE	
SURVEYED	
ALIGNED	
CHECKED	
PT. OF WAY CHECKED	
CADD FILE NAME	
NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bharrish	DESIGNED - BAH	REVISED - -
PLLOT SCALE = 28.0000' / 1" =	DRAWN - BAH	REVISED - -
PLLOT DATE = 1/7/2016	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2a
EMERSON STREET

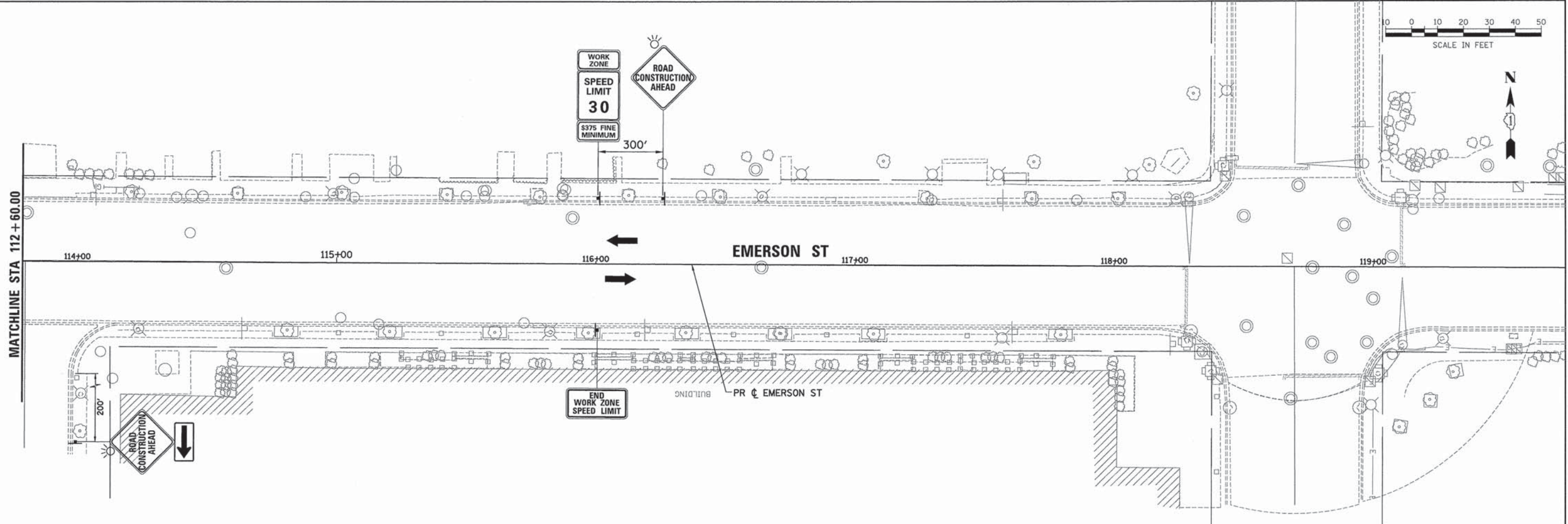
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	93
				CONTRACT NO. 61C32

SCALE: SHEET 7 OF 104 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	ALIGNED	BY
	GRADES CHECKED	
	RT. OF WAY CHECKED	
	NO. _____	
	PAID FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	B.M. NOTED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.

FILE NAME: ERGB1...ah1.mot_2a_08.dgn

ESI CONSULTANTS, LTD.
100 N. MICHIGAN STREET, SUITE 1000, CHICAGO, IL 60611
 TEL: 312.467.1000 FAX: 312.467.1001

USER NAME = bhanrscha	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
PLOT SCALE = 20,0000' / 1" =	CHECKED - KH	REVISED - -
PLOT DATE = 1/7/2016	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2a			
EMERSON STREET			
SCALE:	SHEET	8 OF 104 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	94
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

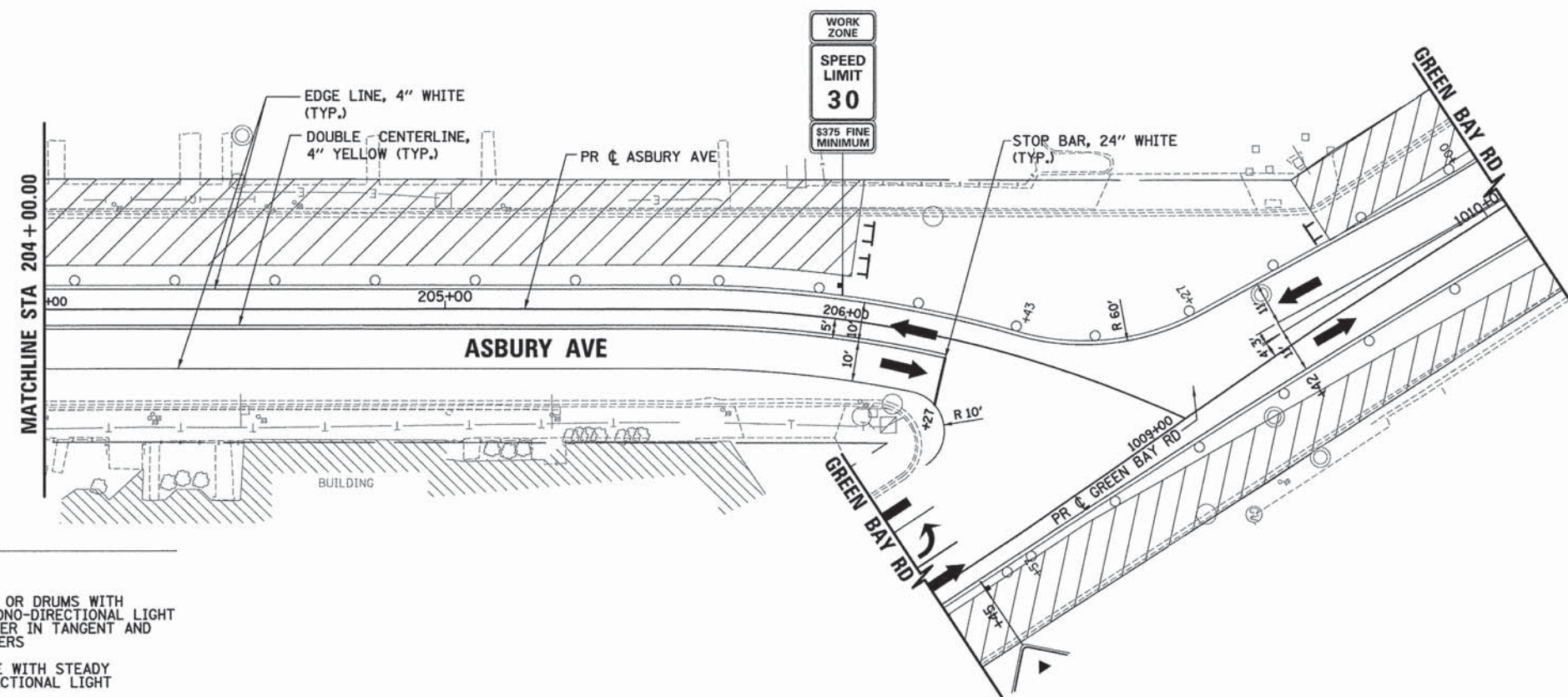
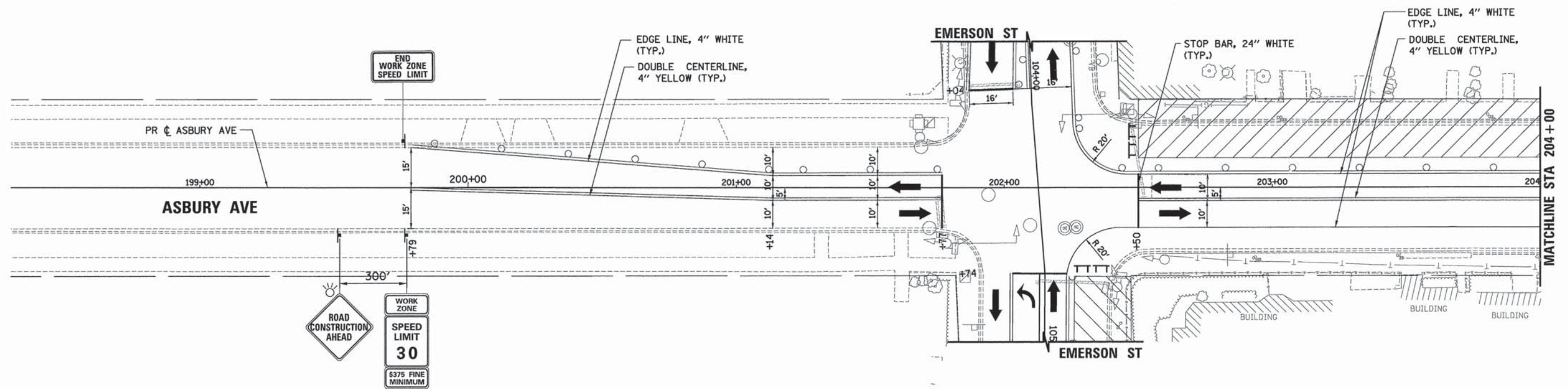


SCALE IN FEET



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	PLOTTED	BY
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	CADD FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	FILED	
	NO. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



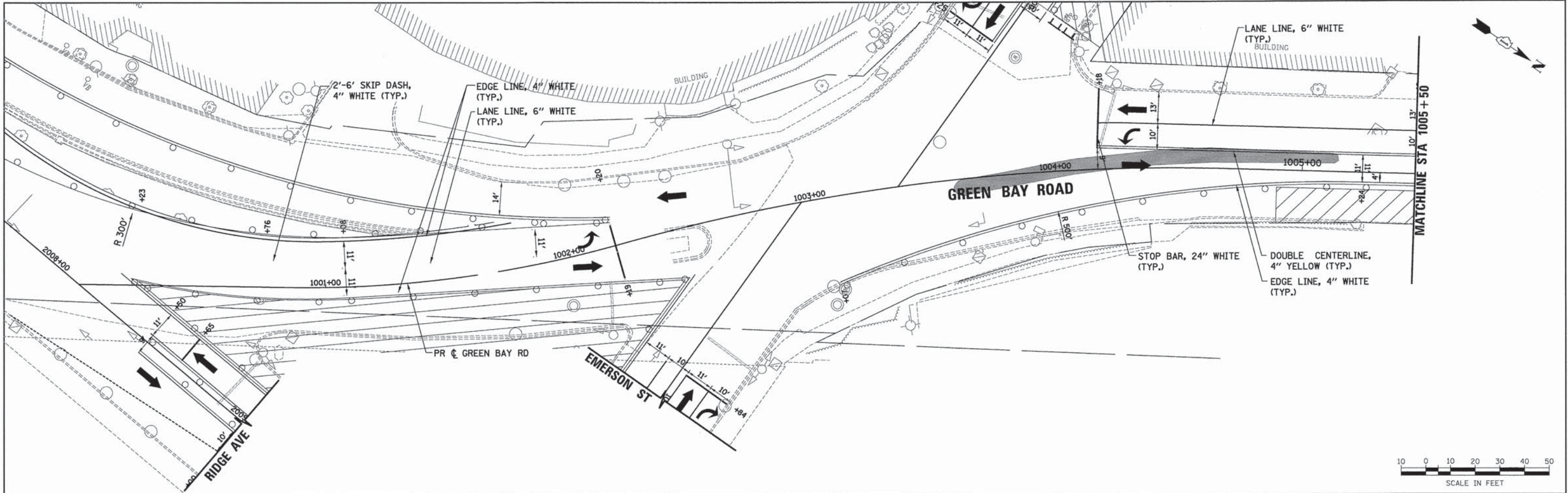
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	DATE - 10/9/2015	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

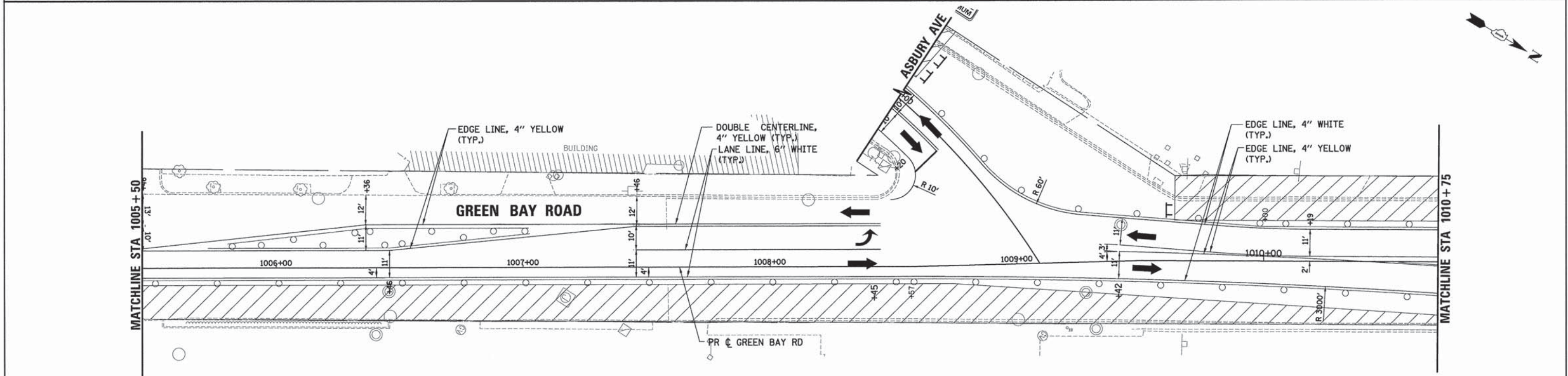
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2a
ASBURY AVENUE
SCALE: SHEET 9 OF 104 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	95
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bharischa	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -
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PLOT DATE = 1/7/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

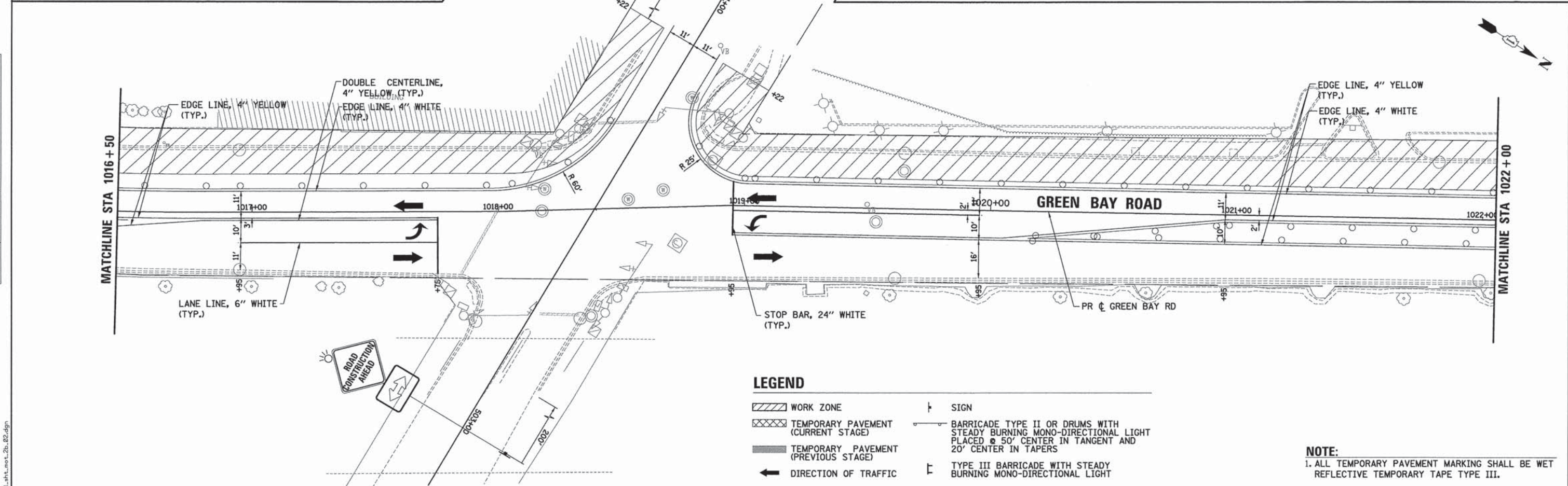
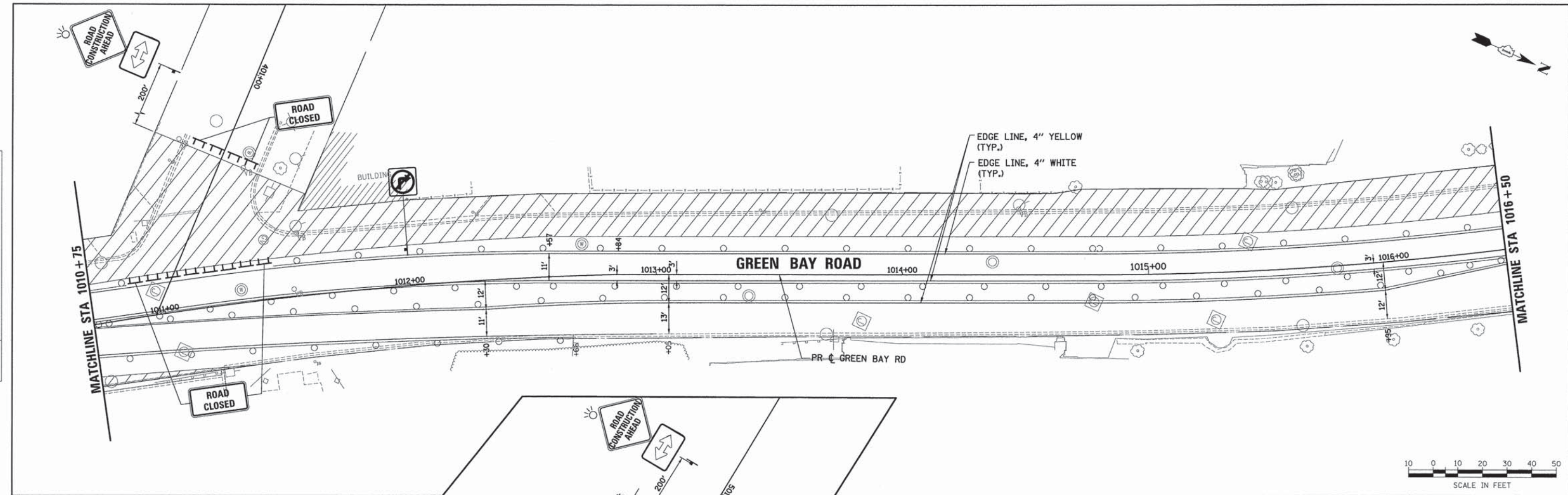
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2b			
GREEN BAY ROAD			
SCALE:	SHEET 1 OF 104 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	96
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

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



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.

ESI CONSULTANTS, LTD.
1300 W. 111th St., Suite 100
Chicago, IL 60658
Tel: 773.233.8800
www.esiconsultants.com

USER NAME = bhenrichs	DESIGNED - BAH	REVISED - -
DESIGNED - BAH	DRAWN - BAH	REVISED - -
DESIGNED - BAH	CHECKED - KH	REVISED - -
DESIGNED - BAH	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

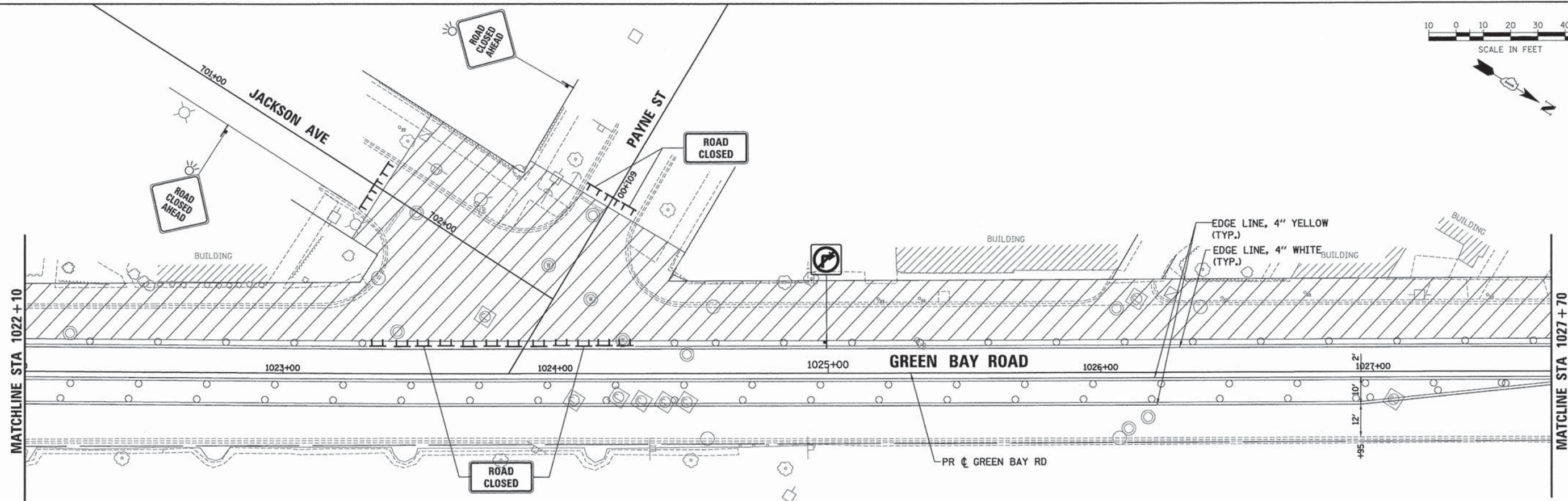
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2b
GREEN BAY ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	97
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				

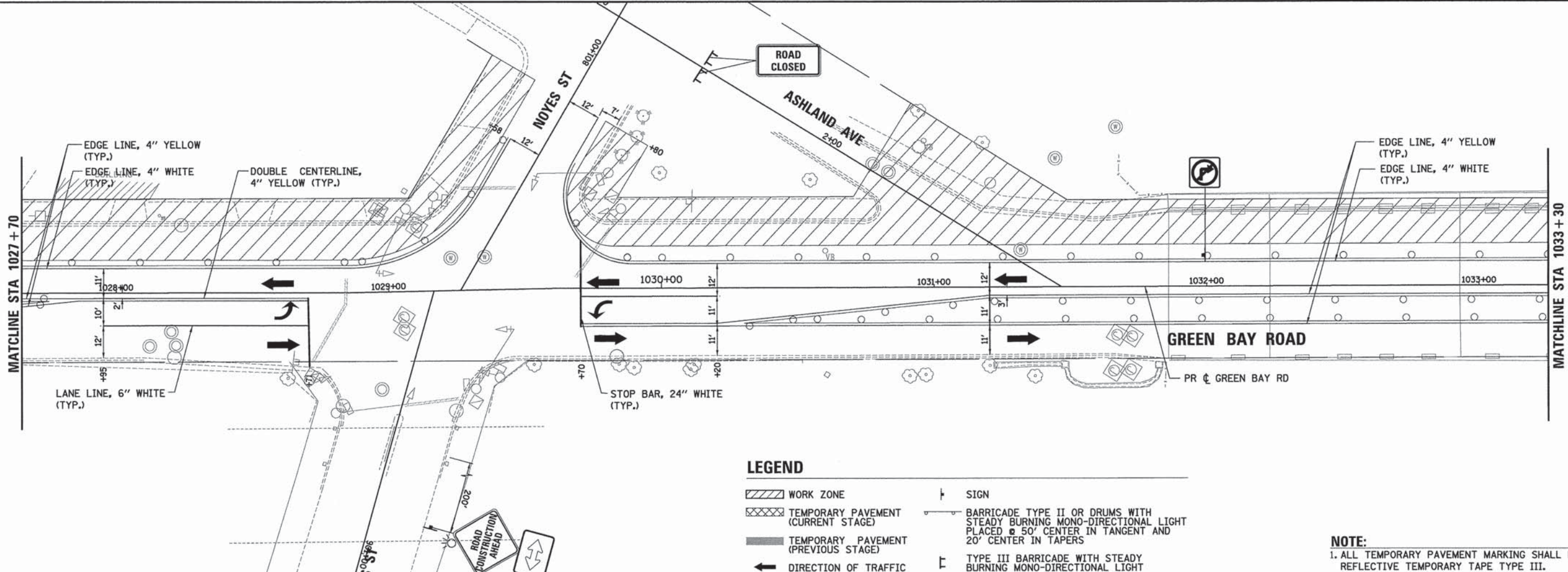
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
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	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhenrschs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - KH	REVISED - -
	DATE - 10/9/2015	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2b
GREEN BAY ROAD**

SCALE: SHEET 3 OF 104 SHEETS STA. TO STA.

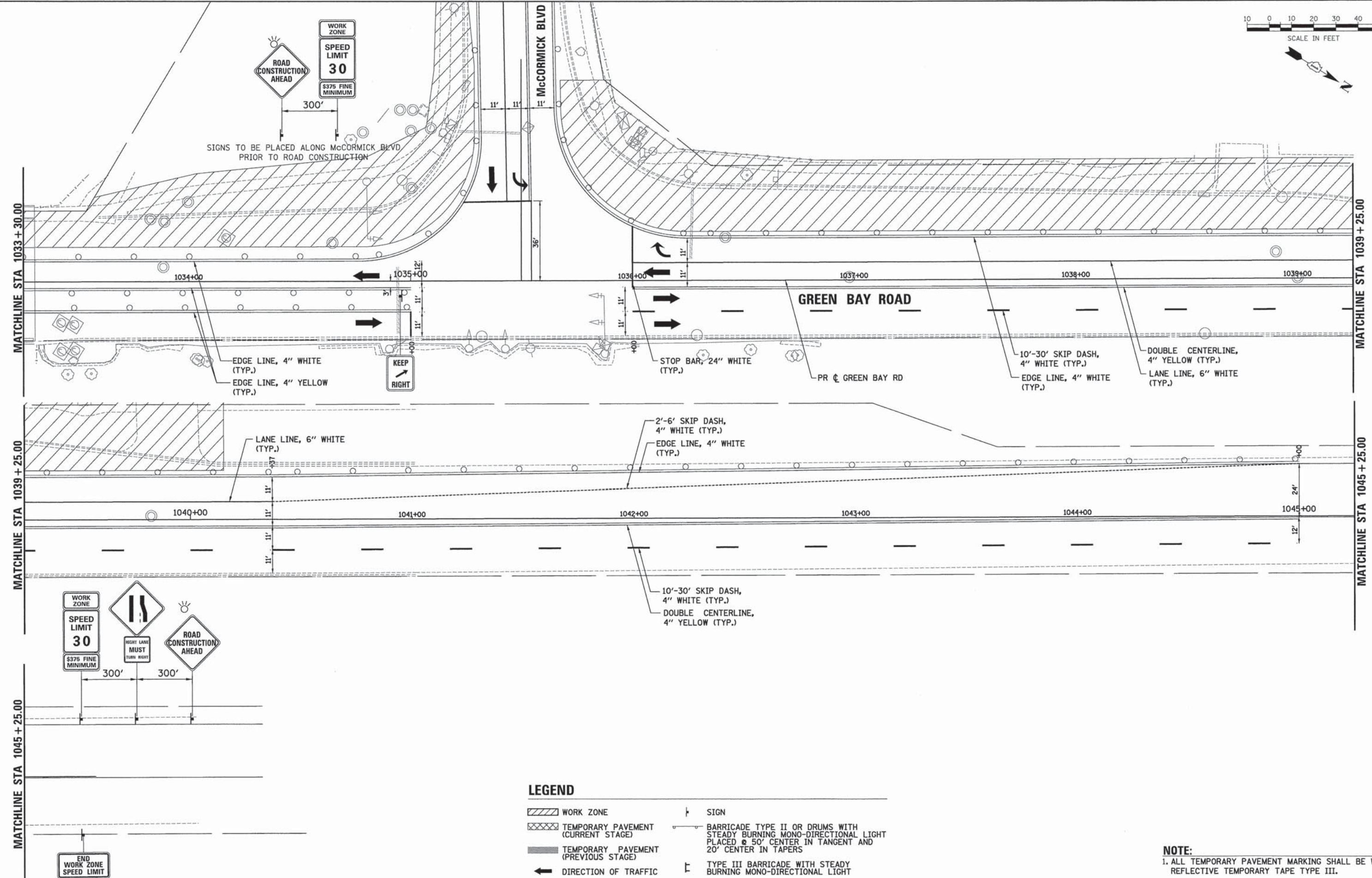
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ILLINOIS FED. AID PROJECT				

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	ALIGNED	BY
	CHECKED	DATE
	NO. OF WAY CHECKED	
	NO. OF ROAD FILE NAME	

PROFILE	SURVEYED	DATE
	NOTE BOOK	BY
	GRADES CHECKED	BY
	B.M. NOTED	DATE
	STRUCTURE NOTATIONS CHFD	



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT

NOTE:
1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.



USER NAME = bhenrchs	DESIGNED - BAH	REVISED - -
	DRAWN - BAH	REVISED - -
	CHECKED - KH	REVISED - -
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PLOT SCALE = 20.0000' / 1"		
PLOT DATE = 1/7/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

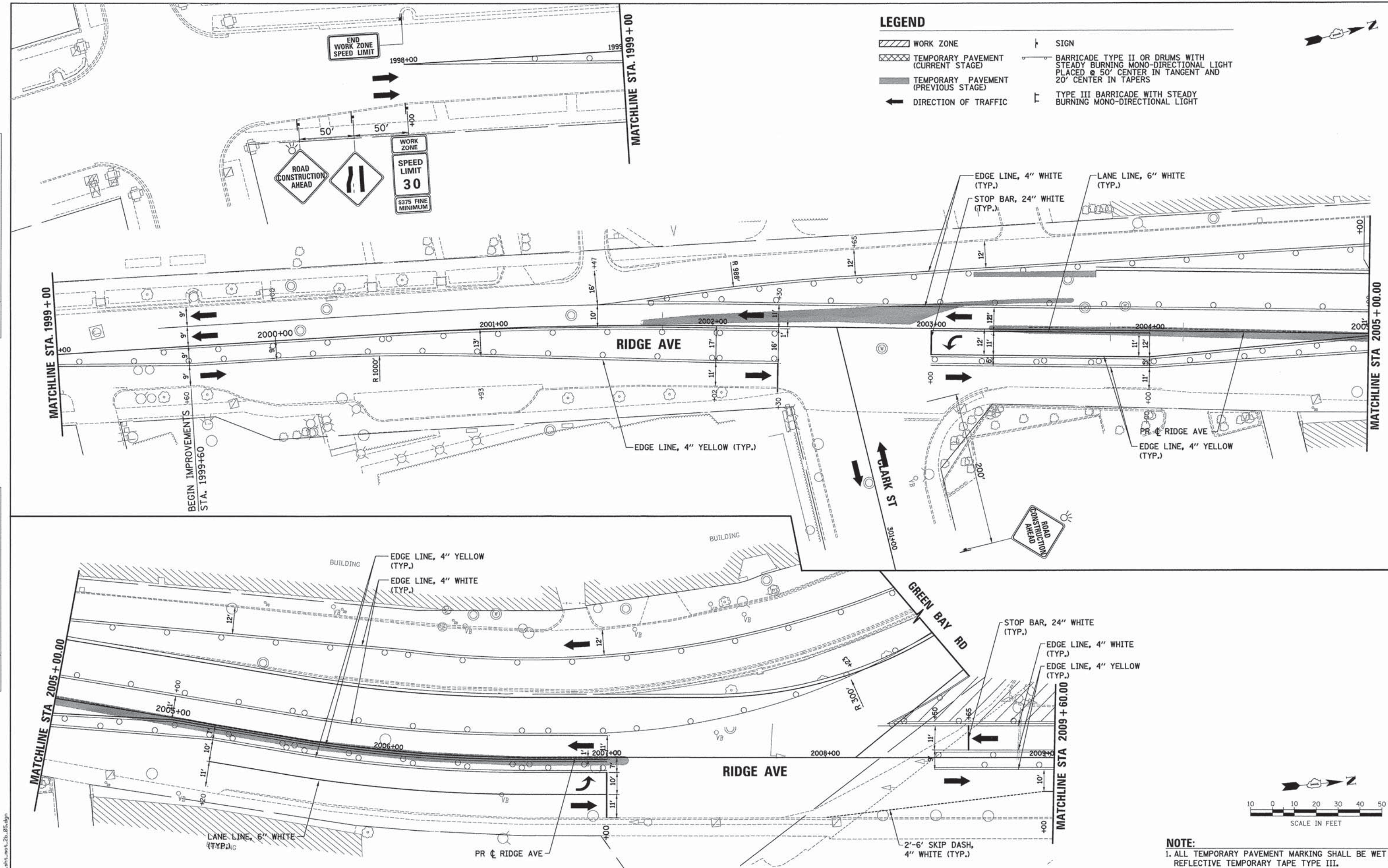
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2b			
GREEN BAY ROAD			
SCALE:	SHEET 4 OF 104 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	13-00270-00-CH	COOK	393	99
CONTRACT NO. G1C32				
ILLINOIS FED. AID PROJECT				

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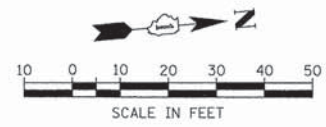
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	FILE	NO.

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	GRADES	BY
	ALIGNMENT	CHECKED
	RT. OF WAY	CHECKED
	NO. OF	NO.
	FILE	NO.



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- TYPE III BARRICADE WITH STEADY BURNING MONO-DIRECTIONAL LIGHT



NOTE:
 1. ALL TEMPORARY PAVEMENT MARKING SHALL BE WET REFLECTIVE TEMPORARY TAPE TYPE III.

FILE NAME: ERG81...ah1.mot_2b_05.dgn

ESI CONSULTANTS, LTD.
 2025 W. LAKE STREET, SUITE 100
 DEERFIELD, IL 60015
 (847) 470-8800
 www.esiconsultants.com

USER NAME = bhanracha	DESIGNED -	REVISIONS
PLLOT SCALE = 20.0000' / 1" =	DRAWN - BAH	REVISIONS
PLLOT DATE = 1/7/2016	CHECKED - KH	REVISIONS
	DATE - 10/9/2015	REVISIONS

DESIGNED -	REVISIONS
DRAWN - BAH	REVISIONS
CHECKED - KH	REVISIONS
DATE - 10/9/2015	REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2b			
RIDGE AVENUE			
SCALE:	SHEET	5 OF 104 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00270-00-CH	COOK	393	100
				CONTRACT NO. 61C32
ILLINOIS FED. AID PROJECT				