

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 63750	
* FAP 333, FAP 336, FAU 81				

FOR INDEX OF SHEETS, SEE SHEET 2

FOR LIST OF STATE STANDARDS, SEE SHEET 3

TRAFFIC DATA

ADT:		
ILLINOIS ROUTE 120	30,800 VPD (2009)	35,000 VPD (2030)
ILLINOIS ROUTE 31	16,100 VPD (2009)	24,000 VPD (2030)
PEARL STREET	6,000 VPD (2009)	6,500 VPD (2030)

	POSTED SPEED	DESIGN SPEED
ILLINOIS ROUTE 120	30 MPH	35 MPH
ILLINOIS ROUTE 31	35 MPH	40 MPH
PEARL STREET	20 MPH	25 MPH

DESIGN DESIGNATION

FAP 333 (IL ROUTE 120): OTHER PRINCIPAL ARTERIAL
 FAP 336 (IL ROUTE 31): OTHER PRINCIPAL ARTERIAL
 FAU 81 (PEARL STREET): COLLECTOR
 FAU 87 (GREEN STREET): COLLECTOR

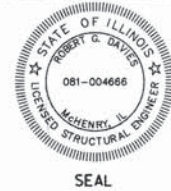
PROFESSIONAL ENGINEER'S SIGN & SEAL

Theodore E. Hamilton
 THEODORE E. HAMILTON
 EXPIRES: 11-30-13



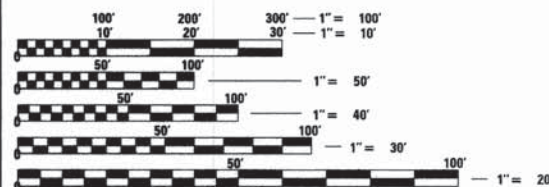
PROFESSIONAL ENGINEER'S SIGN & SEAL
 FOR STRUCTURAL SHEET(S): S-1 THRU S-20

Robert G. Davies
 ROBERT G. DAVIES, P.E., S.E.
 EXPIRES: 11-30-14



PROFESSIONAL ENGINEER'S SIGN & SEAL
 FOR LIGHTING SHEET(S): S-135 - S-143

Philip Keranen 2/5/13
 PHILIP KERANEN, P.E.
 EXPIRES: 11-30-13



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.

STRUCTURE INFORMATION

SN 056-0060
 EXISTING STRUCTURE IS ONE SPAN (94'-9") REMOVE ONLY THE NORTH BEAM AND PORTIONS OF THE SUBSTRUCTURES AND SUPERSTRUCTURE AS SHOWN IN THE STRUCTURE SHEETS. BRIDGE TO BE WIDENED TO THE NORTH FOR THE SUPERSTRUCTURE WIDTH TO TOTAL 87'-0". STRUCTURE CONSISTS OF CONCRETE DECK ON PPC I-BEAMS SUPPORTED BY CONCRETE ABUTMENTS ON H-PILES.

JULIE
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 CALL 811



Know what's below.
 Call before you dig.

PROJECT ENGINEER: JACK MELHUISH, P.E.
 PROJECT MANAGER: TED HAMILTON, P.E.

CONTRACT NO. 63750

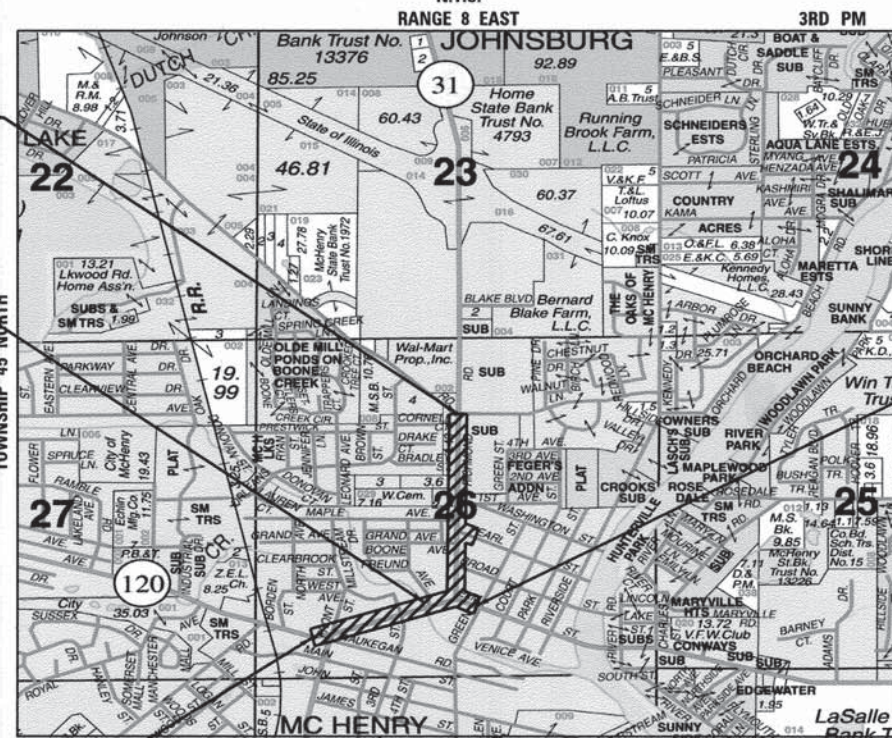
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY**

FAP 333 (ILLINOIS ROUTE 120)
 AT FAP 336 (ILLINOIS ROUTE 31)
 INTERSECTION IMPROVEMENT

SECTION 05-00067-00-CH
 PROJECT-M-CMF-0336(100)
 MCHENRY COUNTY
 C-91-157-06

PROJECT LOCATION MAP
 MCHENRY TOWNSHIP
 N.T.S.



END PROJECT
 STA. 125+40

IL RTE 120 OVER
 BOONE CREEK
 STA. 18+05.19
 SN:056-0060(E)

PROJECT LOCATED IN
 CITY OF MCHENRY

END PROJECT
 STA. 25+52

PROJECT LENGTH

NET LENGTH OF PROJECT (ILLINOIS ROUTE 120) = 1,367 FT (0.259 MI)
 NET LENGTH OF PROJECT (ILLINOIS ROUTE 31) = 2,540 FT (0.481 MI)

GROSS LENGTH OF PROJECT = 3,907 FT (0.740 MI)

D-91-157-06



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED FEBRUARY 6, 20 13

Jon M. Schmitt
 CITY OF MCHENRY

PASSED FEBRUARY 25, 20 13

C. Holt
 DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
 BASED ON LIMITED REVIEW February 27, 20 13

John Furman
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER



420 NORTH FRONT STREET, SUITE 100 | MCHENRY, ILLINOIS 60050
 Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.com
 ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406 SCHAUMBURG, IL

DATE: 1/4/13 PM
 PROJECT CONTACT:
 CLIENT:
 FILE NAME:
 PLOT DRIVER:
 PEN TABLE:

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2012. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT THEM TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 IDOT AT (847) 705-4436 AND THE CITY OF MCHENRY AT (815) 363-2190 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BUTT JOINT AND BITUMINOUS TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE USGS DATUM.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.1 GALLONS / SQ YD.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE ITEM REMOVED.
- DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W. OR UNLESS OTHERWISE NOTED.
- REMOVAL OF EXISTING COMBINATION CURB AND GUTTER, REGARDLESS OF CURB AND GUTTER TYPE, SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL".
- THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
- ALL SIGNS TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE IDOT AND SHALL BE RETURNED TO IDOT UPON REMOVAL AT 895 S. STATE STREET, ELGIN, IL. THE PHONE NUMBER IS 847-741-5302. SIGNS TEMPORARILY RELOCATED OR COVERED SHALL NOT BECOME THE PROPERTY OF IDOT UNTIL PERMANENTLY REMOVED.
- THE RIGHT TURN LANE WIDTHS THAT ARE 5 FEET OR LESS SHALL BE POURED MONOLITHICALLY WITH THE PROPOSED COMBINATION CURB AND GUTTER.
- THE THICKNESSES OF HOT MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT MIX ASPHALT MIXTURES ARE TO BE PLACED.
- WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- TYPE "B" CURB RAMPS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AND DRIVEWAYS PER CURRENT IDOT STANDARDS AT LOCATIONS WHERE SIDEWALK IS SHOWN ON THE PLAN.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL EXISTING MAILBOXES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND AFTER COMPLETION OF ROADWAY CONSTRUCTIONS, TO SET THEM IN THEIR PERMANENT LOCATIONS PER UNITED STATES POST OFFICE REQUIREMENTS. THIS WORK SHALL BE DONE IN CONFORMANCE WITH ARTICLE 107.20 OF THE STANDARDS SPECIFICATIONS, AND THE COST WILL BE CONSIDERED INCLUDED IN THE CONTRACT.

STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.

GENERAL NOTES (CONT.)

- STORM SEWERS, WATER MAINS, AND UTILITIES (CONT.)
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 2 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
- UNLESS OTHERWISE NOTED OFFSETS FOR DRAINAGE STRUCTURES LOCATED IN CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT AND OFFSETS FOR DRAINAGE STRUCTURES NOT LOCATED IN THE CURB AND GUTTER ARE TO THE CENTER OF THE STRUCTURE.
- STORM SEWER LENGTHS ARE MEASURED FROM INSIDE EDGE OF STRUCTURE TO THE INSIDE EDGE OF STRUCTURE, THEN ADDING 0.5' TO EACH END OF PIPE. SLOPE OF PIPE IS CALCULATED BY DIVIDING THE DIFFERENCE IN ELEVATION BY THE PIPE LENGTH.
- THE PAY ITEM FOR STORM SEWER REMOVAL SHALL INCLUDE ANY TRENCH BACKFILL REQUIRED TO FILL AREA OF SEWER REMOVAL WHERE THERE IS NO REPLACEMENT. IF PROPOSED STORM SEWER IS REPLACED IN THE SAME TRENCH, THEN TRENCH BACKFILL SHALL BE PAID FOR SEPARATELY.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL STORM SEWER PIPES SHALL BE CLEANED PRIOR TO ACCEPTANCE BY IDOT. THIS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE IDOT, AS APPLICABLE.
- ANY ITEMS DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES, LIDS, OR BOXES AND/OR STOCKPILING THEM ON THE JOB SITE FOR DELIVERY TO THE IDOT, AS APPLICABLE SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM." ALL LIDS TO BE USED ON SANITARY SYSTEM STRUCTURES SHALL BEAR THE WORD "SANITARY." ALL LIDS TO BE USED ON WATER MAIN STRUCTURES SHALL BEAR THE WORD "WATER." ANY ADDITIONAL COST FOR THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE FRAMES AND CLOSED LIDS PROVIDED.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.
- ALL STORM SEWER SHALL BE REINFORCED CONCRETE PIPE WITH FLEXIBLE GASKET MEETING THE REQUIREMENTS OF ASTM C361. THIS ITEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PRICE OF STORM SEWER.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED. THE RINGS SHALL BE INCLUDED IN THE COST OF WORK BEING PERFORMED.

BACKFILL

- STORM SEWER SHALL BE BACK FILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY.
- PROVIDE TRENCH BACKFILL FOR ALL UTILITY LINES WITHIN 2' OF PAVED AREAS. ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE AND INVERT DEPTH FROM SUBGRADE.
- COST OF ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED IN THE DRAINAGE SCHEDULES, INCLUDING BEDDING MATERIAL, SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID.

SIGNING AND STRIPING

- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEMS.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 728 OF THE STANDARD SPECIFICATIONS.

GENERAL NOTES (CONT.)

- EROSION CONTROL PLANS
 - SEE EROSION CONTROL PLANS FOR GENERAL NOTES CONCERNING EROSION CONTROL.
- TRAFFIC CONTROL
 - SEE TRAFFIC CONTROL PLANS FOR GENERAL NOTES CONCERNING TRAFFIC CONTROL AND PROTECTION.
 - THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- EARTHWORK
 - PRIOR TO ANY EMBANKMENT PLACEMENT ALL VEGETATION AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL.
 - SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSTABLE MATERIAL.
- STRUCTURAL PLANS
 - SEE STRUCTURAL PLANS FOR GENERAL NOTES CONCERNING STRUCTURAL DESIGN.
- LANDSCAPING
 - THE LOCATIONS OF THE PROPOSED TREES TO BE PLANTED WILL BE WITHIN THE CITY LIMITS AND IS SHOWN ON LANDSCAPING PLANS.
- LIGHTING PLANS
 - SEE LIGHTING PLANS FOR GENERAL NOTES CONCERNING LIGHTING DESIGN.
- CROSS SECTIONS
 - EXISTING UTILITIES IN THE CROSS SECTIONS ARE SHOWN WITH AN ASSUMED DEPTH OF COVER.
- EXCAVATION
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAVE FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES AND INDEX OF SHEETS
3	INDEX OF STATE STANDARDS
4 - 10	SUMMARY OF QUANTITIES
11 - 12	SCHEDULE OF QUANTITIES
13	EXISTING TYPICAL SECTIONS
14 - 16	PROPOSED TYPICAL SECTIONS
17 - 18	ALIGNMENT, TIES AND BENCHMARKS
19 - 23	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - GENERAL NOTES AND TYPICAL SECTIONS
24 - 38	SUGGESTED MAINTENANCE OF TRAFFIC
39	TEMPORARY SIGN DETAILS
40 - 41	REMOVAL PLAN
42 - 45	ROADWAY PLAN AND PROFILE - ILLINOIS ROUTE 120
46 - 50	ROADWAY PLAN AND PROFILE - ILLINOIS ROUTE 31
51	ROADWAY PLAN AND PROFILE - PEARL STREET
52 - 55	DRAINAGE AND UTILITY PLAN - ILLINOIS ROUTE 120
56 - 60	DRAINAGE AND UTILITY PLAN - ILLINOIS ROUTE 31
61	DRAINAGE AND UTILITY PLAN - PEARL STREET
62 - 63	DRAINAGE SCHEDULE OF QUANTITIES
64 - 75	PLAT OF HIGHWAYS
76	INTERSECTION JOINTING PLAN
77 - 80	INTERSECTION GRADING PLAN
81 - 83	PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN
84 - 85	EROSION CONTROL PLAN
86 - 92	TRAFFIC SIGNAL DETAILS
93 - 107	TRAFFIC SIGNAL PLAN - IL 31 AT IL 120
108 - 116	TRAFFIC SIGNAL PLAN - IL 120 AT GREEN STREET
117 - 126	TRAFFIC SIGNAL PLAN - IL 31 AT PEARL
127 - 134	TRAFFIC SIGNAL INTERCONNECT
135 - 143	LIGHTING PLAN
144 - 163	STRUCTURAL PLAN - BRIDGE WIDENING
164 - 176	ILLINOIS DEPARTMENT OF TRANSPORTATION - DISTRICT I DETAILS
177 - 178	CITY OF MCHENRY DETAILS
179	RETAINING WALL DETAIL
180 - 193	CROSS SECTIONS - ILLINOIS ROUTE 120
194 - 226	CROSS SECTIONS - ILLINOIS ROUTE 31

COMPANY NAME
PROJECT CONTACT
CLIENT
CADD CENTER
FILE NAME
PLOT SHEET
PEN TABLE



USER NAME = jmelus	DESIGNED - JRM	REVISED -
PLOT SCALE = N.T.S.	DRAWN - JPA	REVISED -
PLOT DATE = 6/3/2013	CHECKED - TH	REVISED -
	DATE - 6/3/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND INDEX OF SHEETS
ILLINOIS ROUTE 31/20

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	2
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
[ILLINOIS] FED. AID PROJECT				

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420106-04	36' (10.8 m) JOINTED PCC PAVEMENT
420401-09	BRIDGE APPROACH PAVEMENT CONNECTOR
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALK
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-01	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C and D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN TYPE A
602301-03	INLET - TYPE A
602401-03	MANHOLE TYPE A
602406-05	MANHOLE TYPE A 6' (1.8 m) DIAMETER
602501-02	VALVE VAULT TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE 8
604051-03	FRAME AND GRATE TYPE 11
604086-02	FRAME AND GRATE TYPE 23
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-10	STEEL PLATE BEAM GUARDRAIL
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
643001-01	SAND MODULE IMPACT ATTENUATORS
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-13	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-05	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
825001-01	LIGHTING CONTROLLER POLE MOUNTED, 240V
825021-02	LIGHTING CONTROLLER BASE MOUNTED, 240V
830011-01	LIGHT POLE STEEL MAST ARM
836001-02	LIGHT POLE FOUNDATION
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

DISTRICT ONE DETAILS

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN ROW AND FACE OF CURB & EDGE OF SHOULDER >= 15'(4.5m)
BD-02	DRIVEWAY DETAILS - DISTANCE BETWEEN ROW AND FACE OF CURB < 15'(4.5m)
BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS
TC-13	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-16	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: HRGreen.com
 DATE PLOTTED: 2/26/24 PM
 PLOT SCALE: N.T.S.
 PLOT DIME: N.T.S.
 PLOT TABLE: N.T.S.



USER NAME = jmelhus	DESIGNED - JRM	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = N.T.S.	CHECKED - TH	REVISED -
PLOT DATE = .DATEL	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LIST OF STATE STANDARDS
 ILLINOIS ROUTE 31/20**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	3
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY STP 80% FEDERAL 20% LOCAL 0003	BRIDGE STP 80% FEDERAL 20% LOCAL 0008	SIGNALS STP 80% FEDERAL 20% LOCAL 0021	LIGHTING ISTEP 80% STATE 20% LOCAL 0031	EVP 100% FIRE PROT. DIST. 0021
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	49	49				
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	410	410				
20200100	EARTH EXCAVATION	CU YD	10,342	10,342				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	275	275				
20400800	FURNISHED EXCAVATION	CU YD	3,135	3,135				
20800150	TRENCH BACKFILL	CU YD	1,175	1,175				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,618	1,618				
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3,310	3,310				
* 25000310	SEEDING, CLASS 4	ACRE	0.3	0.3				
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45.0	45.0				
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45.0	45.0				
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45.0	45.0				
* 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	205	205				
* 25200110	SODDING, SALT TOLERANT	SQ YD	3,105	3,105				
* 25200200	SUPPLEMENTAL WATERING	UNIT	28.0	28.0				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	69.0	69.0				
28000305	TEMPORARY DITCH CHECKS	FOOT	60	60				
28000400	PERIMETER EROSION BARRIER	FOOT	3,520	3,520				
28000510	INLET FILTERS	EACH	56	56				
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	3,105	3,105				
28100105	STONE RIPRAP, CLASS A3	SQ YD	21	21				
28100107	STONE RIPRAP, CLASS A4	SQ YD	628	36	592			
28200200	FILTER FABRIC	SQ YD	592		592			
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	275	275				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	18,935	18,935				
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	5,420	5,420				
31200100	STABILIZED SUBBASE 4"	SO YD	13,415	13,415				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	75	75				
35501313	HOT-MIX ASPHALT BASE COURSE, 7 1/4"	SO YD	2,675	2,675				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	1,645	1,645				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	2,495	2,495				
40600300	AGGREGATE (PRIME COAT)	TON	30	30				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	550	550				
40600895	CONSTRUCTING TEST STRIP	EACH	3	3				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	75	75				
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	192	192				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	28	28				
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	1,427	1,427				
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SO YD	11,530	11,530				
42001300	PROTECTIVE COAT	SO YD	20,120	20,120				
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SO YD	145	145				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	175	175				

* SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen
DATE PLOTTED: 10/27/11 10:53 AM
PLOT DRIVER: plotdrv
PEN TABLE: standard-trans.tbl



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PLOT DATE = _DATE1	CHECKED - TH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
ILLINOIS ROUTE 31/120**

SCALE: N.T.S. SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	4
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY STP 80% FEDERAL 20% LOCAL 0003	BRIDGE STP 80% FEDERAL 20% LOCAL 0008	SIGNALS STP 80% FEDERAL 20% LOCAL 0021	LIGHTING STEP 80% STATE 20% LOCAL 0031	EVP 100% FIRE PROT. DIST. 0021
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	245	245				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	35,935	35,935				
42400800	DETECTABLE WARNINGS	SQ FT	570	570				
44000100	PAVEMENT REMOVAL	SQ YD	12,305	12,305				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3,020	3,020				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7,568	7,568				
44000600	SIDEWALK REMOVAL	SQ FT	34,615	34,615				
44201859	CLASS D PATCHES, TYPE I, 18 INCH	SQ YD	149	149				
44201863	CLASS D PATCHES, TYPE II, 18 INCH	SQ YD	347	347				
44201867	CLASS D PATCHES, TYPE III, 18 INCH	SQ YD	347	347				
44201869	CLASS D PATCHES, TYPE IV, 18 INCH	SQ YD	149	149				
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3,270	3,270				
50102400	CONCRETE REMOVAL	CU YD	75		75			
50200100	STRUCTURE EXCAVATION	CU YD	193		193			
50300100	FLOOR DRAINS	EACH	3		3			
50300225	CONCRETE STRUCTURES	CU YD	28.6		28.6			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	125.5		125.5			
50300280	CONCRETE ENCASEMENT	CU YD	2.8		2.8			
50300300	PROTECTIVE COAT	SQ YD	237		237			
50401105	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE T-BEAMS, 54 IN.	FOOT	282		282			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	29,484		29,484			
50800530	MECHANICAL SPLICERS	EACH	327		327			
* 50901750	PARAPET RAILING	FOOT	190		190			
51201600	FURNISHING STEEL PILES HP12X53	FOOT	255		255			
51202305	DRIVING PILES	FOOT	255		255			
51500100	NAME PLATES	EACH	1		1			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1				
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,128	1,128				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	201	201				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,299	1,299				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	728	728				
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	117	117				
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	10	10				
550A5300	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	129	129				
55100300	STORM SEWER REMOVAL 8"	FOOT	75	75				
55100400	STORM SEWER REMOVAL 10"	FOOT	169	169				
55100500	STORM SEWER REMOVAL 12"	FOOT	2,701	2,701				
55100700	STORM SEWER REMOVAL 15"	FOOT	425	425				
* 56106300	ADJUSTING WATER MAIN 6"	FOOT	60	60				
* 56106400	ADJUSTING WATER MAIN 8"	FOOT	510	510				
* 56300300	ADJUSTING WATER SERVICE LINES	FOOT	471	471				

* SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen.com
DATE PLOTTED: 10/27/2010 10:57:36 AM
FILE NAME: 098611-sum.dgn
PLOT DRIVER: plot.drv
PEN TABLE: s:\fontcolor-trans.tbl



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PLOT SCALE = N.T.S.	DRAWN - JPA	REVISED -
PLOT DATE = _DATEL_	CHECKED - TH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
ILLINOIS ROUTE 31/20**

SCALE: N.T.S. SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	5
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY STP 80% FEDERAL 20% LOCAL 0003	BRIDGE STP 80% FEDERAL 20% LOCAL 0008	SIGNALS STP 80% FEDERAL 20% LOCAL 0021	LIGHTING ITP 80% STATE 20% LOCAL 0031	EVP 100% FIRE PROT. DIST. 0021
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	5	5				
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1				
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	45		45			
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2		2			
60107600	PIPE UNDERDRAINS 4"	FOOT	896	896				
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2				
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1				
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	5	5				
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	8	8				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7				
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	18	18				
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	31	31				
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	8				
60600605	CONCRETE CURB, TYPE B	FOOT	1,220	1,220				
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	6,810	6,810				
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	600	600				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3,625	3,625				
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	4,565	4,565				
60622000	CONCRETE MEDIAN, TYPE SM-2.12	SQ FT	990	990				
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50	50				
63200310	GUARDRAIL REMOVAL	FOOT	135	135				
* 66400205	CHAIN LINK FENCE, 5'	FOOT	50	50				
* 66900105	UNDERGROUND STORAGE TANK REMOVAL	EACH	1	1				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3,700	3,700				
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18				
67100100	MOBILIZATION	L SUM	1	1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	540	540				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	108	108				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	2,171	2,171				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	51,665	51,665				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3,460	3,460				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	915	915				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,960	1,960				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	860	860				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	10,195	10,195				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	190	190				
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	296	260		36		
* 72000200	SIGN PANEL - TYPE 2	SQ FT	98	15		83		

* SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen.com
CLIENT: Illinois Professional Design Firm
DATE PLOTTED: 08/08/11 10:00:57 AM
FILE NAME: 080811-sum.dgn
PLOT DRIVER: pdf24nt
PEN TABLE: #fontcolor=iransc.tbl



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PLOT SCALE = N.T.S.	DRAWN - JPA	REVISED -
PLOT DATE = .DATEL	CHECKED - TH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
ILLINOIS ROUTE 31/20**

SCALE: N.T.S. SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	6
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY STP 80% FEDERAL 20% LOCAL 0003	BRIDGE STP 80% FEDERAL 20% LOCAL 0008	SIGNALS STP 80% FEDERAL 20% LOCAL 0021	LIGHTING I/TEP 80% STATE 20% LOCAL 0031	EVP 100% FIRE PROT. DIST. 0021
72900200	METAL POST - TYPE B	FOOT	450	450				
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	5	5				
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	360	360				
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,080	9,080				
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,320	1,320				
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	80	80				
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	740	740				
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	130	130				
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	435	435				
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1,790	1,790				
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	2,670	2,670				
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	490	490				
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	200	200				
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	225	225				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	240	240				
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	4	4				
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	20	20				
78300100	PAVEMENT MARKING REMOVAL	SQ FT	5,585	5,585				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	140	140				
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2				2	
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1				1	
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	3			3		
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	6,295			6,295		
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	3,690			424	3,266	
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	323			323		
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	915			915		
81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	53			53		
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	220				220	
81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	6,200				6,200	
81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	98			98		
81100700	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., GALVANIZED STEEL	FOOT	320				320	
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	4				4	
81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	2			2		
81400100	HANDHOLE	EACH	37			22	15	
81400200	HEAVY-DUTY HANDHOLE	EACH	8			8		
81400300	DOUBLE HANDHOLE	EACH	6			6		
81603176	UNIT DUCT, 600V, 6-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	3,800				3,800	
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	6,300				6,300	
81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	32,000				32,000	
81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	220				220	
82500370	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	2				2	
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	392				392	

* SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
DATE PLOTTED: 08/06/11 10:44 AM
FILE NAME: 080611-sum.dgn
PLOT DRIVER: pdf24pt
PEN TABLE: s:\resources\trans.tbl



USER NAME = jmelhus	DESIGNED - JRM	REVISED -
PLOT SCALE = N.T.S.	DRAWN - JPA	REVISED -
PLOT DATE = .DATEL.	CHECKED - TH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
ILLINOIS ROUTE 31/20**

SCALE: N.T.S. SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	7
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY STP 80% FEDERAL 20% LOCAL 0003	BRIDGE STP 80% FEDERAL 20% LOCAL 0008	SIGNALS STP 80% FEDERAL 20% LOCAL 0021	LIGHTING ISTEP 80% STATE 20% LOCAL 0001	EVP 100% FIRE PROT. DIST. 0021
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	6				6	
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	6				6	
*84200804	REMOVAL OF POLE FOUNDATION	EACH	12				12	
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	6				6	
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	3				3	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	6			6		
85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	14			14		
85100600	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	7			7		
85100701	PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	EACH	2			2		
86400100	TRANSCEIVER - FIBER OPTIC	EACH	3			3		
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6,616			6,616.0		
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,066			2,066.0		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,248			3,248.0		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	6,551.5			6,551.5		
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,965.0			1,965.0		
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	6,870			6,870.0		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	649.5			649.5		
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4,083.5			4,083.5		
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	10			10		
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3			3		
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1			1		
87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1			1		
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1			1		
87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	5			5		
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1			1		
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1			1		
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	72.0			72.0		
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	12.0			12.0		
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	77.5			77.5		
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37.0			37.0		
87900200	DRILL EXISTING HANDHOLE	EACH	3			3		
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	19			19		
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8			8		
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3			3		
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5			5		
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2		
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1			1		
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4			4		
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	5			5		
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	24			24		
88500100	INDUCTIVE LOOP DETECTOR	EACH	29			29		
88600100	DETECTOR LOOP, TYPE I	FOOT	1,069.0			1,069.0		

* SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
DATE PLOTTED: 08/21/2007
FILE NAME: 086611-sum.dgn
PLOT DRIVER: plot.dwt
PEN TABLE: standard-trans.tbl



USER NAME = jme hus	DESIGNED - JRM	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = N.T.S.	CHECKED - TH	REVISED -
PLOT DATE = _DATEL	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
ILLINOIS ROUTE 31/20**

SCALE: N.T.S. SHEET NO. 5 OF 7 SHEETS STA. TO STA.


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-0067-00-CH	MCHENRY	226	8
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY STP 80% FEDERAL 20% LOCAL 0003	BRIDGE STP 80% FEDERAL 20% LOCAL 0008	SIGNALS STP 80% FEDERAL 20% LOCAL 0021	LIGHTING I/TEP 80% STATE 20% LOCAL 0031	EVP 100% FIRE PROT. DIST. 0021
* 88600700	PREFORMED DETECTOR LOOP	FOOT	661.0			661.0		
* 88700200	LIGHT DETECTOR	EACH	10			10		
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	3			3		
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	14			14		
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3			3		
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	42,095.0			42,095.0		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3			3		
* 89502380	REMOVE EXISTING HANDHOLE	EACH	28			28		
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	5			5		
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	18			18		
Z0012102	CONCRETE BRIDGE DECK SCARIFICATION (3/8 INCH)	SQ YD	1,125		1,125			
Z0012193	BRIDGE DECK THIN POLYMER OVERLAY 3/8"	SQ YD	1,125		1,125			
Z0012450	CONCRETE STEPS	CU YD	48	48				
Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	180	180				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	20		20			
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	55	55				
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	54	54				
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1,225	1,225				
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18					18
* Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1		
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	38		38			
Z0062456	TEMPORARY PAVEMENT	SQ YD	1,945	1,945				
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	5			5		
Z0075496	CONCRETE RETAINING WALL REMOVAL	FOOT	93	93				
X Z0076600	TRAINEES	HOUR	1,000	1,000				
X Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000				
* A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED	EACH	10	10				
* B2005524	TREE, PYRUS CALLERYANA ARISTOCRAT (ARISTOCRAT CALLERY PEAR), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12	12				
X0323389	STORM SEWER CONNECTION	EACH	3	3				
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1122.5					1122.5
* X0324102	EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM	EACH	1.0					1.0
* X0326225	PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	1			1		
* X0327076	SERVICE STATION EQUIPMENT REMOVAL	L SUM	1	1				
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	750	750				
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	17	17				
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	15	15				
X4023000	TEMPORARY ACCESS (ROAD)	EACH	4	4				
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	FOOT	360	360				
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	10,530	10,530				
* X5620122	WATER SERVICE REMOVAL	EACH	2	2				
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	95		95			

* SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
DATE: 11/26/20
DESIGNER: JRM
FILE NAME: 05-0067-00-CH
PLOT DRIVER: plot.plt
PEN TABLE: vendor-trans.tbl

 HRGreen.com #184-001322	USER NAME = jrm	DESIGNED - JRM	REVISED -
	PLOT SCALE = N.T.S.	CHECKED - TH	REVISED -
	PLOT DATE = .DATE1.	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
ILLINOIS ROUTE 31/20**

SCALE: N.T.S. SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-0067-00-CH	MCHENRY	226	9
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY STP 80% FEDERAL 20% LOCAL 0003	BRIDGE STP 80% FEDERAL 20% LOCAL 0008	SIGNALS STP 80% FEDERAL 20% LOCAL 0021	LIGHTING I/TEP 80% STATE 20% LOCAL 0031	EVP 100% FIRE PROT. DIST. 0021
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2				
X6026632	VALVE BOXES TO BE REMOVED	EACH	8	8				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	3			3		
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3			3		
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	6,681			6,681		
X8760055	PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	1			1		
XX008424	LIGHT FIXTURE ASSEMBLY-TYPE A	EACH	17				17	
XX008426	LIGHT FIXTURE ASSEMBLY-TYPE C	EACH	6				6	
XX008427	LIGHT FIXTURE ASSEMBLY-TYPE D	EACH	8				8	
XX008428	LIGHT FIXTURE ASSEMBLY-TYPE E	EACH	1				1	
XX008429	LIGHT FIXTURE ASSEMBLY-TYPE F	EACH	12				12	
XX008430	LIGHT FIXTURE ASSEMBLY-TYPE G	EACH	5				5	
XX008877	LIGHT FIXTURE ASSEMBLY-TYPE H	EACH	4				4	
XX008878	LIGHT FIXTURE ASSEMBLY-TYPE I	EACH	7				7	

* SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
DATE PLOTTED: 06/06/11 10:57:53 AM
FILE NAME: 060611-sum.dgn
PLOT DRIVER: pdf24pr
PEN TABLE: standard-trans.tbl



USER NAME = jmelhus	DESIGNED - JRM	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = N.T.S.	CHECKED - TH	REVISED -
PLOT DATE = .DATE1	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES		
ILLINOIS ROUTE 31/20		
SCALE: N.T.S.	SHEET NO. 7 OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	10
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

IL 120	STAGE 1 (CU YD)			STAGE 2 (CU YD)			STAGE 3 (CU YD)						
	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT
12+00.00													
12+26.37	0.0	28.7	8.2	0.0	0.0	31.1	0.1	0.0	0.0	13.1	0.0	0.0	0.0
12+50.00	0.0	24.5	7.2	0.0	0.0	29.1	0.0	0.0	0.0	12.0	0.0	0.0	0.0
13+00.00	0.0	54.5	10.1	0.0	0.0	59.3	0.0	0.0	0.0	30.0	0.0	0.0	0.0
13+50.00	0.0	62.0	4.7	0.0	0.0	58.1	0.0	0.0	0.0	37.2	0.0	0.0	0.0
13+66.13	0.0	21.6	1.2	0.0	0.0	17.5	0.0	0.0	0.0	13.8	0.0	0.0	0.0
14+00.00	0.0	47.1	2.7	0.0	0.0	34.6	0.0	0.0	0.0	19.8	5.1	0.0	0.0
14+50.00	0.0	74.1	4.1	0.0	0.0	58.7	0.0	0.0	0.0	12.8	12.5	0.0	0.0
15+00.00	0.0	79.5	1.9	0.0	0.0	106.9	0.0	0.0	0.0	9.7	6.8	0.0	0.0
15+27.98	0.0	79.8	0.2	0.0	0.0	78.0	0.0	0.0	0.0	3.3	1.4	0.0	0.0
15+50.00	0.0	65.4	0.0	0.0	0.0	57.9	0.0	0.0	0.0	1.6	0.6	0.0	0.0
16+00.00	0.0	89.5	0.0	0.0	0.0	120.4	0.0	0.0	0.0	8.9	2.1	0.0	0.0
16+30.61	0.0	54.6	0.0	0.0	0.0	66.6	0.0	0.0	0.0	10.9	2.0	0.0	0.0
16+50.00	0.0	33.6	0.0	0.0	0.0	37.1	0.0	0.0	0.0	8.7	1.2	0.0	0.0
17+00.00	0.0	76.3	0.0	0.0	0.0	99.8	0.0	0.0	0.0	24.0	1.3	0.0	0.0
17+50.00	0.0	91.2	0.0	0.0	0.0	87.0	6.6	0.0	0.0	24.7	0.0	0.0	0.0
18+00.00	0.0	87.8	4.8	0.0	0.0	33.1	21.9	0.0	0.0	12.7	11.0	0.0	0.0
18+50.00	0.0	76.4	9.7	0.0	0.0	4.1	30.6	0.0	0.0	0.0	21.4	0.0	0.0
19+00.00	0.0	67.3	27.5	0.0	0.0	43.6	15.3	0.0	0.0	14.4	10.4	0.0	0.0
19+50.00	0.0	88.0	22.6	0.0	0.0	83.6	0.0	0.0	0.0	28.2	0.0	0.0	0.0
20+00.00	0.0	110.9	0.0	0.0	0.0	91.5	0.0	0.0	0.0	26.1	0.0	0.0	0.0
20+50.00	0.0	93.4	0.0	0.0	0.0	94.9	0.0	0.0	0.0	23.4	0.0	0.0	0.0
20+70.26	0.0	38.1	0.0	0.0	0.0	36.7	0.0	0.0	0.0	8.8	0.0	0.0	0.0
21+00.00	0.0	55.3	0.0	0.0	0.0	52.7	0.0	0.0	0.0	12.3	0.0	0.0	0.0
21+50.00	0.0	119.7	0.0	0.0	0.0	90.2	0.0	0.0	0.0	20.9	0.0	0.0	0.0
22+00.00	0.0	88.8	1.1	0.0	0.0	105.1	0.0	0.0	0.0	12.0	0.0	0.0	0.0
22+50.00	0.0	38.0	1.1	0.0	0.0	131.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0
23+00.00	0.0	68.8	0.0	0.0	0.0	133.6	0.0	0.0	0.0	7.7	0.0	0.0	0.0
23+50.00	0.0	74.7	0.2	0.0	0.0	104.5	0.2	0.0	0.0	6.4	0.0	0.0	0.0
23+67.44	0.0	22.0	0.1	0.0	0.0	28.5	0.1	0.0	0.0	5.0	0.0	0.0	0.0
24+00.00	0.0	41.0	0.0	0.0	0.0	45.6	0.0	0.0	0.0	12.9	0.0	0.0	0.0
24+50.00	0.0	65.8	0.0	0.0	0.0	65.4	0.0	0.0	0.0	16.8	0.0	0.0	0.0
25+00.00	0.0	70.7	0.2	0.0	0.0	63.5	0.0	0.0	0.0	16.1	0.0	0.0	0.0
	0.0	2089.4	107.6	0.0	0.0	2149.8	74.8	0.0	0.0	459.8	75.7	0.0	0.0

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen.com
CLIENT: Illinois Professional Design Firm
DATE PLOTTED: 08/06/17 2:27:26 PM
FILE NAME: 080617-sch-01.dgn
PLOT DRIVER: pdf24t
PEN TABLE: s1fontand-tran.tbl



USER NAME = jmeihus	DESIGNED - JRM	REVISED -
PLOT SCALE = N.T.S.	DRAWN - JPA	REVISED -
PLOT DATE = .DATE1.	CHECKED - TH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
ILLINOIS ROUTE 31/20	
SCALE: N.T.S.	SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	11
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

IL 31	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				
	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT
101+00.00													
101+50.00	29.9	191.2	0.0	29.9	27.6	142.7	0.0	27.6	15.7	58.5	0.0	15.7	
101+73.50	10.9	54.5	0.0	10.9	11.2	56.5	0.0	11.2	7.4	22.6	0.0	7.4	
102+00.00	12.3	43.6	0.0	12.3	12.5	60.4	0.1	12.5	8.3	22.3	0.0	8.3	
102+09.02	4.2	13.0	0.1	4.2	4.2	19.5	0.1	4.2	2.8	7.1	0.0	2.8	
102+28.89	9.2	31.5	0.2	9.2	9.4	45.1	0.0	9.4	6.3	15.5	0.0	6.3	
102+50.00	9.8	39.4	0.0	9.8	10.0	47.8	0.0	10.0	6.6	16.6	0.0	6.6	
102+58.00	1.9	13.8	0.0	1.9	1.9	16.1	0.0	1.9	1.3	5.2	0.0	1.3	
102+76.65	0.0	26.8	0.0	0.0	0.0	33.5	0.0	0.0	0.0	9.7	0.0	0.0	
103+00.00	0.0	32.2	0.0	0.0	0.0	42.9	0.0	0.0	0.0	12.9	0.0	0.0	
103+20.81	0.0	27.5	0.1	0.0	0.0	39.1	0.0	0.0	0.0	12.0	0.0	0.0	
103+38.75	0.0	25.7	0.1	0.0	0.0	34.0	0.0	0.0	0.0	10.8	0.0	0.0	
103+50.00	0.0	17.2	0.0	0.0	0.0	21.3	0.0	0.0	0.0	7.1	0.0	0.0	
103+60.52	0.0	17.8	0.0	0.0	0.0	19.6	0.0	0.0	0.0	6.8	0.0	0.0	
103+85.62	0.0	41.3	0.0	0.0	0.0	45.3	0.0	0.0	0.0	16.1	0.0	0.0	
104+00.00	0.0	20.2	0.0	0.0	0.0	25.1	0.0	0.0	0.0	9.1	0.0	0.0	
104+28.15	0.0	39.7	0.1	0.0	0.0	47.0	0.0	0.0	0.0	17.4	0.0	0.0	
104+50.00	0.0	29.3	0.2	0.0	0.0	36.4	0.0	0.0	0.0	12.9	0.0	0.0	
104+82.99	0.0	58.5	0.2	0.0	0.0	67.4	0.0	0.0	0.0	14.7	0.0	0.0	
105+00.00	0.0	34.4	0.0	0.0	0.0	28.0	0.0	0.0	0.0	5.5	0.0	0.0	
105+50.00	0.0	101.6	0.0	0.0	0.0	84.1	0.0	0.0	0.0	19.2	0.0	0.0	
106+00.00	2.8	66.9	18.8	2.8	6.0	98.1	9.5	6.0	0.0	10.8	14.4	0.0	
106+50.00	5.6	25.8	32.9	5.6	12.0	73.1	19.4	12.0	0.0	0.0	30.6	0.0	
107+00.00	5.7	26.8	26.4	5.7	11.9	70.6	19.3	11.9	0.0	0.0	32.7	0.0	
107+29.79	3.5	14.3	13.5	3.5	6.9	39.8	11.4	6.9	0.0	0.0	21.1	0.0	
107+50.00	3.4	15.6	5.7	3.4	4.6	25.4	7.7	4.6	0.0	0.0	15.5	0.0	
107+88.46	4.2	38.1	5.1	4.2	4.3	47.5	15.0	4.3	0.0	0.0	28.5	0.0	
108+00.00	0.0	10.8	1.3	0.0	0.0	13.0	4.5	0.0	0.0	0.0	8.0	0.0	
108+50.00	0.0	48.2	5.9	0.0	0.0	49.4	19.4	0.0	0.0	0.0	33.7	0.0	
109+00.00	0.0	56.8	6.5	0.0	0.0	47.1	20.6	0.0	0.0	0.0	34.1	0.0	
109+23.03	0.0	82.1	3.2	0.0	0.0	21.9	9.8	0.0	0.0	0.0	15.5	0.0	
109+50.00	0.0	103.5	3.8	0.0	0.0	27.0	11.6	0.0	0.0	0.0	17.4	0.0	
109+61.65	0.0	22.6	1.7	0.0	0.0	11.2	5.2	0.0	0.0	0.0	7.4	0.0	
110+00.00	0.0	68.2	5.1	0.0	0.0	37.9	18.2	0.0	0.0	0.0	25.4	0.0	
110+33.86	0.0	50.1	3.8	0.0	0.0	19.9	21.8	0.0	0.0	0.0	23.5	0.0	
110+50.00	0.0	22.7	1.7	0.0	0.0	0.7	12.2	0.0	0.0	0.0	11.3	0.0	
110+80.26	0.0	43.1	3.1	0.0	0.0	13.0	19.7	0.0	0.0	0.0	20.8	0.0	
111+00.00	0.0	28.4	1.9	0.0	0.0	15.9	10.6	0.0	0.0	0.0	12.8	0.0	
111+14.26	0.0	20.0	1.4	0.0	0.0	12.0	6.8	0.0	0.0	0.0	8.8	0.0	
111+31.78	0.0	25.9	1.7	0.0	0.0	15.1	7.9	0.0	0.0	0.0	10.4	0.0	
111+50.00	0.0	29.1	1.7	0.0	0.0	14.4	8.0	0.0	0.0	0.0	10.3	0.0	
111+71.13	0.0	36.3	2.0	0.0	0.0	17.3	9.2	0.0	0.0	0.0	12.1	0.0	
112+00.00	0.0	48.5	3.0	0.0	0.0	23.9	12.9	0.0	0.0	0.0	17.4	0.0	
112+24.38	0.0	37.3	2.8	0.0	0.0	19.8	10.9	0.0	0.0	0.0	14.9	0.0	
112+50.00	0.0	39.5	4.5	0.0	0.0	20.4	11.4	0.0	0.0	0.0	15.3	0.0	
112+75.32	0.0	74.5	5.9	0.0	0.0	20.2	11.7	0.0	0.0	0.0	14.6	0.0	
113+00.00	0.0	78.3	4.8	0.0	0.0	21.5	11.8	0.0	0.0	0.0	13.9	0.0	
113+50.00	0.0	95.4	6.2	0.0	0.0	45.1	23.7	0.0	0.0	0.0	28.7	0.0	
114+00.00	0.0	88.0	4.7	0.0	0.0	42.9	22.9	0.0	0.0	0.0	29.0	0.0	
114+50.00	0.0	86.8	4.8	0.0	0.0	44.4	21.5	0.0	0.0	0.0	29.4	0.0	
115+00.00	0.0	80.1	5.1	0.0	0.0	32.6	40.9	0.0	0.0	0.0	31.7	0.0	
115+22.50	0.0	33.0	2.4	0.0	0.0	7.7	19.4	0.0	0.0	0.0	15.2	0.0	
115+50.00	0.0	37.0	3.0	0.0	0.0	13.8	16.9	0.0	0.0	0.0	18.8	0.0	
116+00.00	0.0	61.8	5.4	0.0	0.0	42.4	29.5	0.0	0.0	0.0	34.4	0.0	
116+39.96	0.0	55.9	4.1	0.0	0.0	41.6	17.9	0.0	0.0	0.0	27.7	0.0	
116+50.00	0.0	12.9	1.1	0.0	0.0	11.7	4.4	0.0	0.0	0.0	6.9	0.0	
117+00.00	0.0	52.0	6.1	0.0	0.0	60.6	20.6	0.0	0.0	0.0	32.5	0.0	
117+50.00	0.0	56.2	8.1	0.0	0.0	58.3	19.3	0.0	0.0	0.0	31.0	0.0	
118+00.00	0.0	56.6	9.9	0.0	0.0	59.4	19.3	0.0	0.0	0.0	30.3	0.0	
118+50.00	0.0	51.7	11.9	0.0	0.0	56.7	20.4	0.0	0.0	0.0	29.1	0.0	
118+87.48	0.0	36.0	11.0	0.0	0.0	37.5	17.4	0.0	0.0	0.0	21.4	0.0	
119+00.00	0.0	10.7	4.2	0.0	0.0	11.2	6.4	0.0	0.0	0.0	7.0	0.0	
119+50.00	0.0	35.1	19.7	0.0	0.0	39.2	26.9	0.0	0.0	0.0	26.3	0.0	
119+90.88	0.0	31.6	18.9	0.0	0.0	27.8	22.9	0.0	0.0	0.0	19.4	0.0	
120+00.00	0.0	7.1	4.5	0.0	0.0	5.9	5.2	0.0	0.0	0.0	4.1	0.0	
120+50.00	0.0	28.8	24.7	0.0	0.0	28.4	29.4	0.0	0.0	0.0	22.1	0.0	
121+00.00	0.0	21.8	24.1	0.0	0.0	20.7	30.6	0.0	0.0	0.0	24.2	0.0	
121+50.00	0.0	16.9	23.9	0.0	0.0	8.4	35.8	0.0	0.0	0.0	32.0	0.0	
122+00.00	0.0	7.2	21.7	0.0	0.0	0.0	41.6	0.0	0.0	0.0	40.1	0.0	
122+25.00	0.0	0.0	9.1	0.0	0.0	0.0	20.7	0.0	0.0	0.0	20.3	0.0	
122+50.00	0.0	0.0	8.3	0.0	0.0	0.0	21.3	0.0	0.0	0.0	20.3	0.0	
123+00.00	0.0	0.0	14.7	0.0	0.0	0.0	44.4	0.0	0.0	0.0	43.7	0.0	
123+50.00	0.0	0.0	12.1	0.0	0.0	0.0	42.0	0.0	0.0	0.0	49.8	0.0	
124+00.00	0.0	0.0	9.8	0.0	0.0	0.0	36.9	0.0	0.0	0.0	59.2	0.0	
124+50.00	0.0	0.0	7.5	0.0	0.0	0.1	36.3	0.0	0.0	0.0	65.5	0.0	
125+00.00	0.0	0.4	3.1	0.0	0.0	0.1	39.7	0.0	0.0	5.0	49.8	0.0	
125+50.00	0.0	0.4	0.0	0.0	0.0	0.0	20.4	0.0	0.0	5.0	16.1	0.0	
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PROJECT CONTACT: Illinois Professional Design Firm
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DRAWN - JPA
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PLOT DATE = .DATE1.

REVISOR -
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DATE -

REVISOR -
REVISOR -
REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 31/20
SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-0067-00-CH	MCHENRY	226	12
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
[ILLINOIS] FED. AID PROJECT				

PROPOSED LEGEND

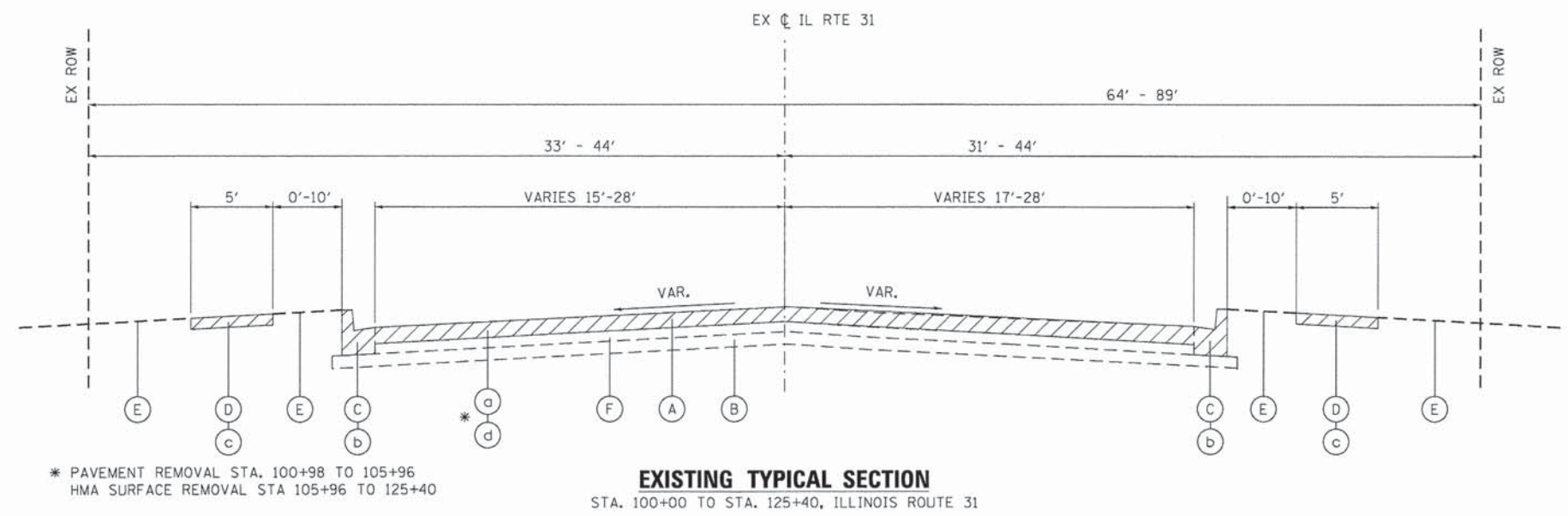
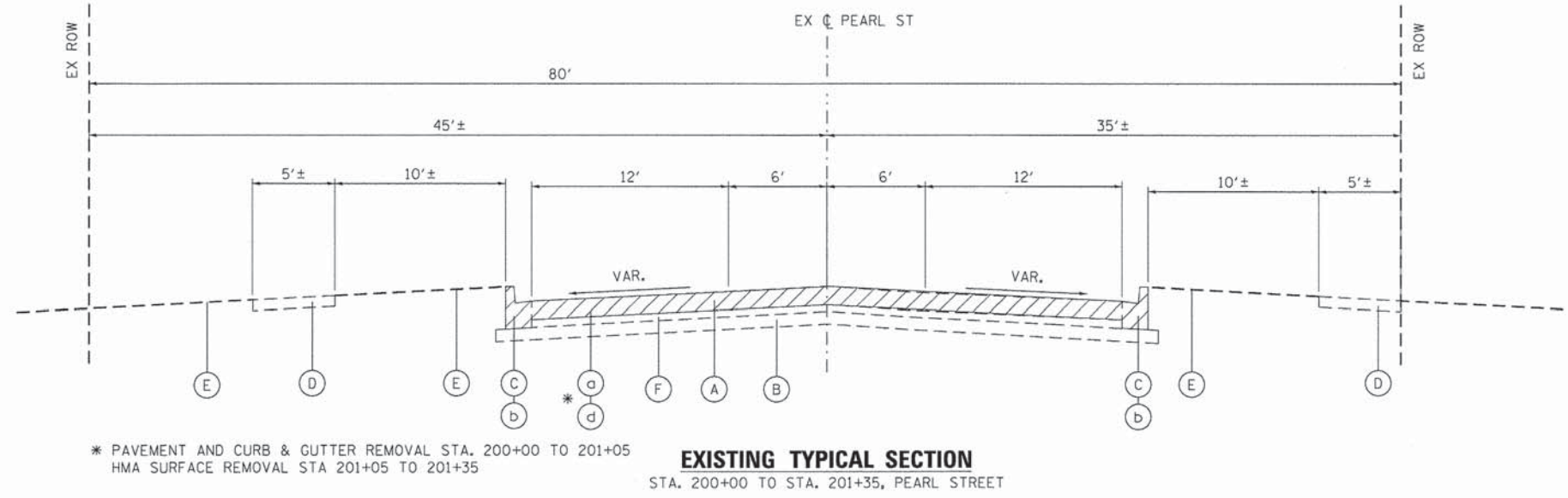
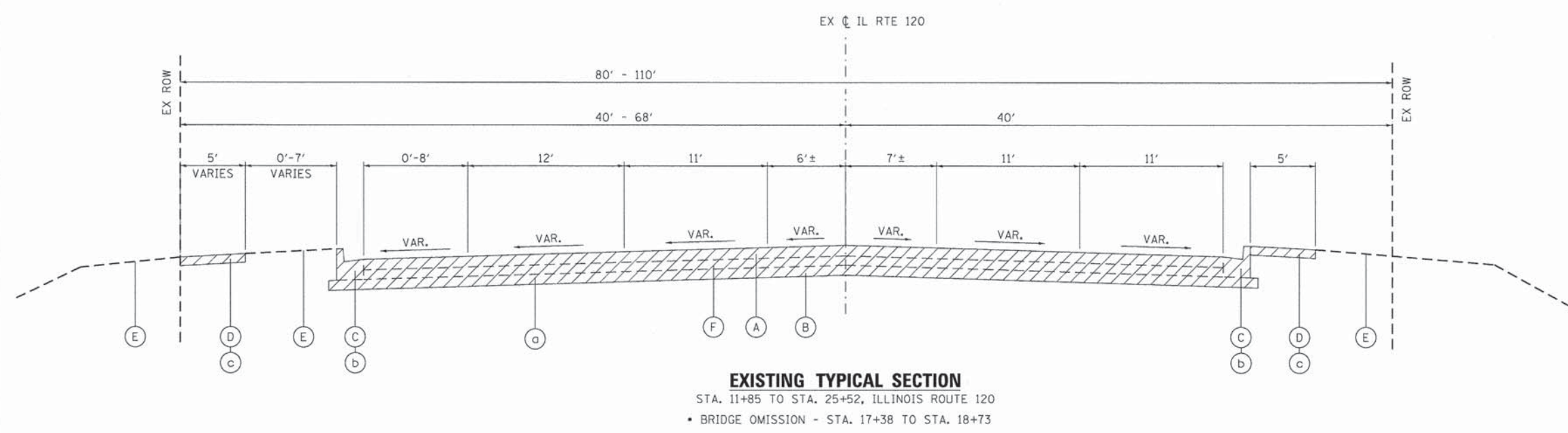
- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ② POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90; 1-3/4"
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" MIN.
- ④ HOT-MIX ASPHALT BASE COURSE, (SEE HMA MIXTURE CHART)
- ⑤ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑥ OMITTED
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑧ CONCRETE MEDIAN, TYPE SM-2.12
- ⑨ CONCRETE MEDIAN, TYPE SB-6.12
- ⑩ AGGREGATE SUBGRADE IMPROVEMENT, 12" (SO YD)
- ⑪ BITUMINOUS MATERIALS (PRIME COAT)
- ⑫ AGGREGATE (PRIME COAT)
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ SODDING, SALT TOLERANT
- ⑰ CLASS D PATCHES, 18"
- ⑱ AGGREGATE SUBGRADE IMPROVEMENT, 6" (CU YD) (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
- ⑲ CONCRETE CURB, TYPE B
- ⑳ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ㉑ STABILIZED SUBBASE 4"
- ㉒ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ㉓ PIPE UNDERDRAINS, 4"
- ㉔ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2-1/2"

REMOVAL LEGEND

- ⓪ PAVEMENT REMOVAL
- Ⓛ CURB & GUTTER REMOVAL
- ⓒ SIDEWALK REMOVAL
- ⓓ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

EXISTING LEGEND

- Ⓐ HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES
- Ⓑ SUB-BASE GRANULAR MATERIAL
- Ⓒ COMBINATION CONCRETE CURB AND GUTTER
- Ⓓ PCC SIDEWALK
- Ⓔ EXISTING GRADE
- Ⓕ PORTLAND CEMENT CONCRETE PAVEMENT; DEPTH VARIES



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
ILLINOIS ROUTE 31/120, PEARL STREET
 SCALE: N.T.S. SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	22b	13
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND

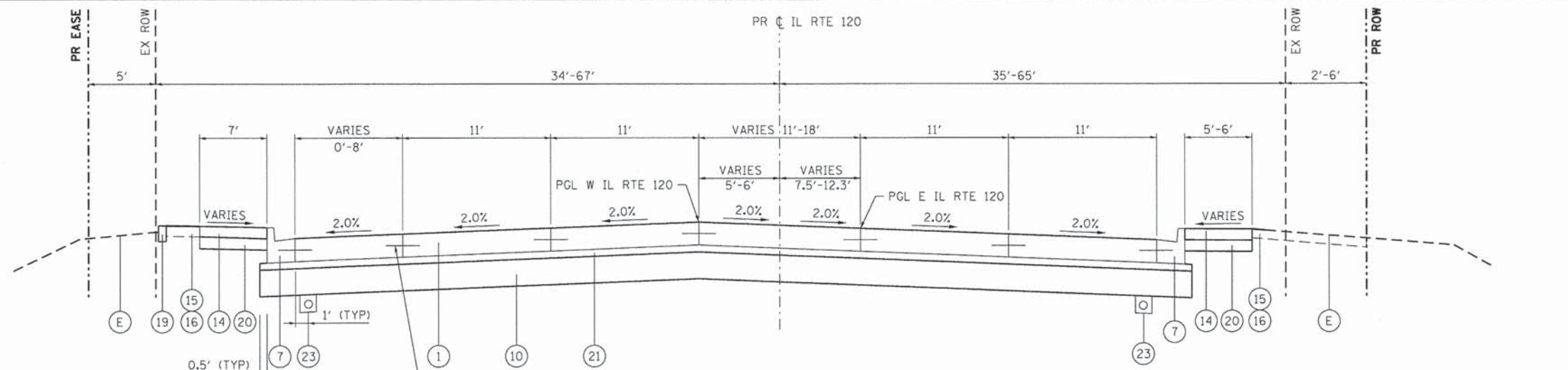
- ① PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ② POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90; 1-3/4"
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" MIN.
- ④ HOT-MIX ASPHALT BASE COURSE, (SEE HMA MIXTURE CHART)
- ⑤ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑥ OMITTED
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑧ CONCRETE MEDIAN, TYPE SM-2.12
- ⑨ CONCRETE MEDIAN, TYPE SB-6.12
- ⑩ AGGREGATE SUBGRADE IMPROVEMENT, 12" (SQ YD)
- ⑪ BITUMINOUS MATERIALS (PRIME COAT)
- ⑫ AGGREGATE (PRIME COAT)
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ SODDING, SALT TOLERANT
- ⑰ CLASS D PATCHES, 18"
- ⑱ AGGREGATE SUBGRADE IMPROVEMENT, 6" (CU YD) (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
- ⑲ CONCRETE CURB, TYPE B
- ⑳ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ㉑ STABILIZED SUBBASE 4"
- ㉒ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ㉓ PIPE UNDERDRAINS, 4"
- ㉔ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2-1/4"

REMOVAL LEGEND

- ⓐ PAVEMENT REMOVAL
- ⓑ CURB & GUTTER REMOVAL
- ⓒ SIDEWALK REMOVAL
- ⓓ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

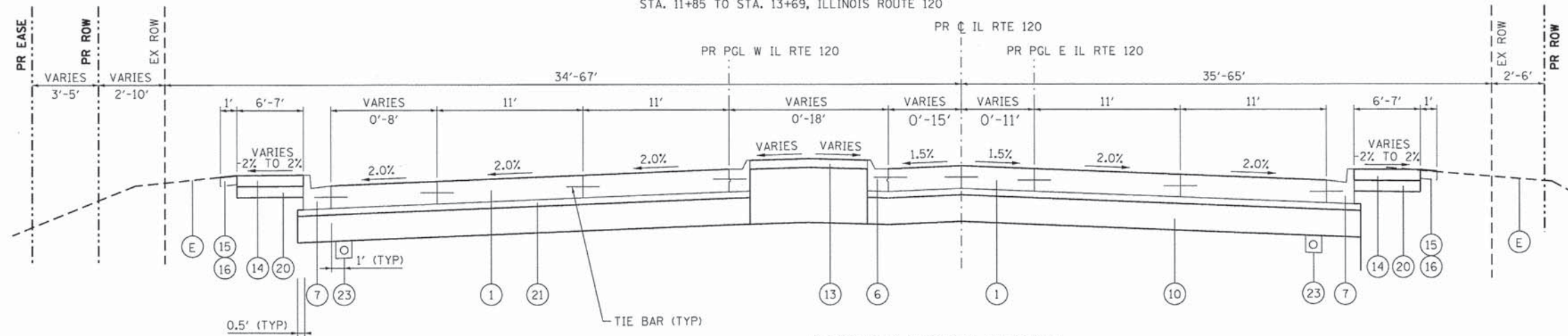
EXISTING LEGEND

- Ⓐ HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES
- Ⓑ SUB-BASE GRANULAR MATERIAL
- Ⓒ COMBINATION CONCRETE CURB AND GUTTER
- Ⓓ PCC SIDEWALK
- Ⓔ EXISTING GRADE
- Ⓕ PORTLAND CEMENT CONCRETE PAVEMENT; DEPTH VARIES



PROPOSED TYPICAL SECTION

STA. 11+85 TO STA. 13+69, ILLINOIS ROUTE 120



PROPOSED TYPICAL SECTION

STA. 13+69 TO STA. 16+70, ILLINOIS ROUTE 120

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm); 1 3/4"	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 (IL 4.75mm); 3/4"	3.5% @ 50 GYR.
FULL DEPTH PAVEMENT	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm); 1 3/4"	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2 1/4"	4% @ 90 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm); 8" (2 LIFTS)	4% @ 90 GYR.
PAVEMENT WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm); 1 3/4"	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 (IL 4.75mm); 3/4" MIN	3.5% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm); 7 1/4" (2 LIFTS)	4% @ 90 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "D", N50; (IL 9.5mm); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm); PE-6", CE-8" (2 LIFTS)	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm), 18", (3 LIFTS)	4% @ 70 GYR.
TEMPORARY PAVEMENT	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1 1/2"	4% @ 50 GYR.
TEMP PAVEMENT (HMA BINDER IL-19mm); 14 1/2" (2 LIFTS)	4% @ 50 GYR.

- THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- NOTE: IF THE CONTRACTOR CHOOSES TO USE CONCRETE FOR TEMPORARY PAVEMENT, THE THICKNESS SHALL BE 10".
- NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

STRUCTURAL DESIGN TRAFFIC:	YEAR: 2030
PV = 28,224	SU = 2,352 MU = 3,024
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 84.0%	S = 7.0% M = 9.0%
TRAFFIC FACTOR:	ACTUAL TF = 22.03 AC TYPE = N/A
	MINIMUM TF = 5.02
PG GRADE:	BINDER = N/A SURFACE = N/A
SUBGRADE SUPPORT RATING:	
SSR = POOR	(STA. 11+85 TO 25+52)
SSR = POOR	(STA. 100+00 TO 104+52)

• AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR USE OF AGGREGATE SUBGRADE IMPROVEMENT (CU YD) SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR. AFTER EXCAVATION TO ROUGH SUBGRADE ELEVATION, THE ENGINEER OR SOILS INSPECTOR SHOULD OBSERVE THE BEHAVIOR OF THE ENTIRE EXPOSED SUBGRADE UNDER THE TRAFFIC OF HEAVY RUBBER-TIRED CONSTRUCTION EQUIPMENT SUCH AS MOTOR GRADERS OR FULLY LOADED DUMP TRUCKS. ALL POTENTIALLY UNSUITABLE SOIL SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL (SSM). ANY AGGREGATE SUBGRADE IMPROVEMENT (CU YD) OR GEOTECHNICAL FABRIC NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT WITH NO ADDITIONAL COMPENSATION DUE TO THE CONTRACTOR.

TRANSVERSE PIPE UNDERDRAINS @ STA 15+37.88
STA 15+28.96
STA 12+93.12

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
ILLINOIS ROUTE 120

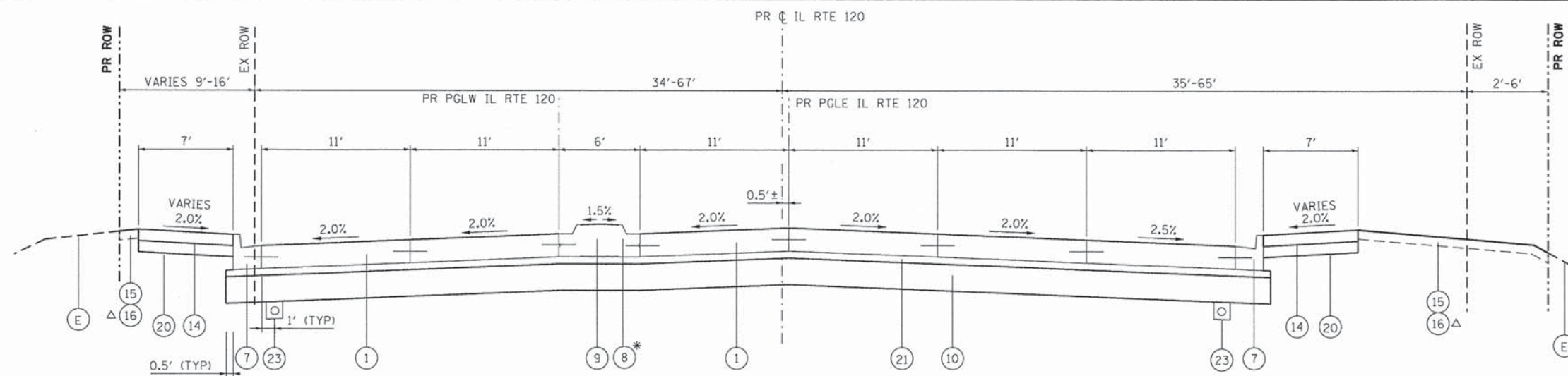
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	14
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. TO STA.

COMPANY NAME: HRGreen
PROJECT CONTACT: jme@hrgreen.com
DATE PLOTTED: 2/27/21 PM
FILE NAME: 080601-1yp-02.dgn
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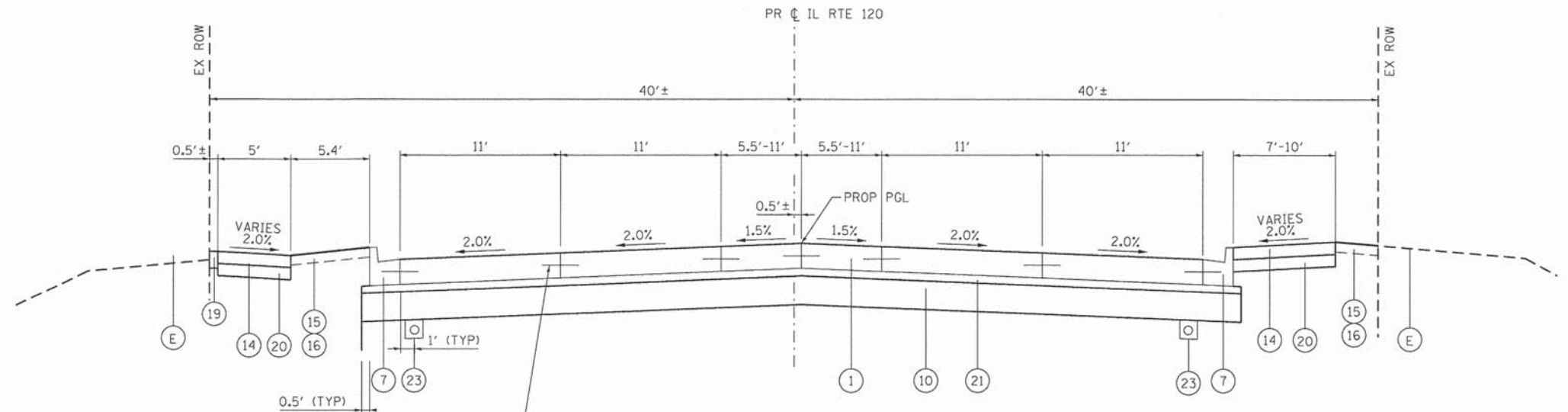
PROPOSED TYPICAL SECTION
 STA. 16+70 TO STA. 21+73, ILLINOIS ROUTE 120

△ SEEDING CLASS 4
 STA. 17+38 TO STA. 17+57 RT
 STA. 18+52 TO STA. 18+80 RT

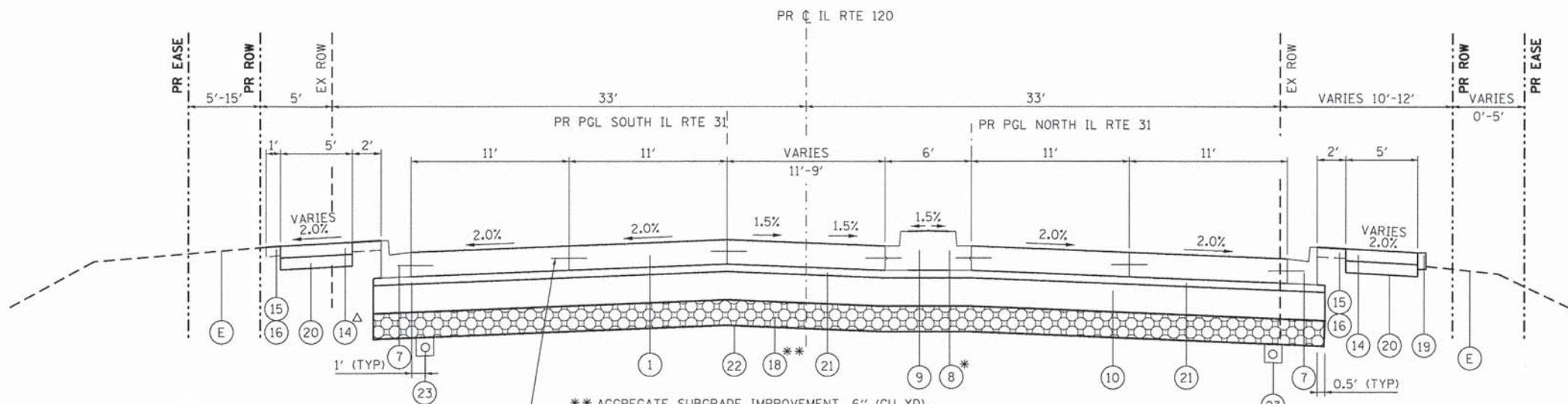
- PROPOSED LEGEND**
- 1 PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
 - 2 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90; 1-3/4"
 - 3 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" MIN.
 - 4 HOT-MIX ASPHALT BASE COURSE, (SEE HMA MIXTURE CHART)
 - 5 STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - 6 OMITTED
 - 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - 8 CONCRETE MEDIAN, TYPE SM-2.12
 - 9 CONCRETE MEDIAN, TYPE SB-6.12
 - 10 AGGREGATE SUBGRADE IMPROVEMENT, 12" (SQ YD)
 - 11 BITUMINOUS MATERIALS (PRIME COAT)
 - 12 AGGREGATE (PRIME COAT)
 - 13 CONCRETE MEDIAN SURFACE, 4 INCH
 - 14 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
 - 15 TOPSOIL FURNISH AND PLACE, 4"
 - 16 SODDING, SALT TOLERANT
 - 17 CLASS D PATCHES, 18"
 - 18 AGGREGATE SUBGRADE IMPROVEMENT, 6" (CU YD) (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
 - 19 CONCRETE CURB, TYPE B
 - 20 SUBBASE GRANULAR MATERIAL, TYPE B 6"
 - 21 STABILIZED SUBBASE 4"
 - 22 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - 23 PIPE UNDERDRAINS, 4"
 - 24 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2-1/4"

- REMOVAL LEGEND**
- a PAVEMENT REMOVAL
 - b CURB & GUTTER REMOVAL
 - c SIDEWALK REMOVAL
 - d HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- EXISTING LEGEND**
- A HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES
 - B SUB-BASE GRANULAR MATERIAL
 - C COMBINATION CONCRETE CURB AND GUTTER
 - D PCC SIDEWALK
 - E EXISTING GRADE
 - F PORTLAND CEMENT CONCRETE PAVEMENT; DEPTH VARIES



PROPOSED TYPICAL SECTION
 STA. 21+73 TO STA. 25+52, ILLINOIS ROUTE 120



PROPOSED TYPICAL SECTION
 STA. 100+98 TO STA. 104+50, ILLINOIS ROUTE 31

* CONCRETE MEDIAN TYPE SM-3.12,
 STA. 102+28 TO STA. 102+89

COMPANY NAME: HRGreen
 PROJECT CONTACT: jmelhut
 CLIENT: HRGreen.com
 DATE PLOTTED: 08/05/11
 FILE NAME: 080511-11p-03.dgn
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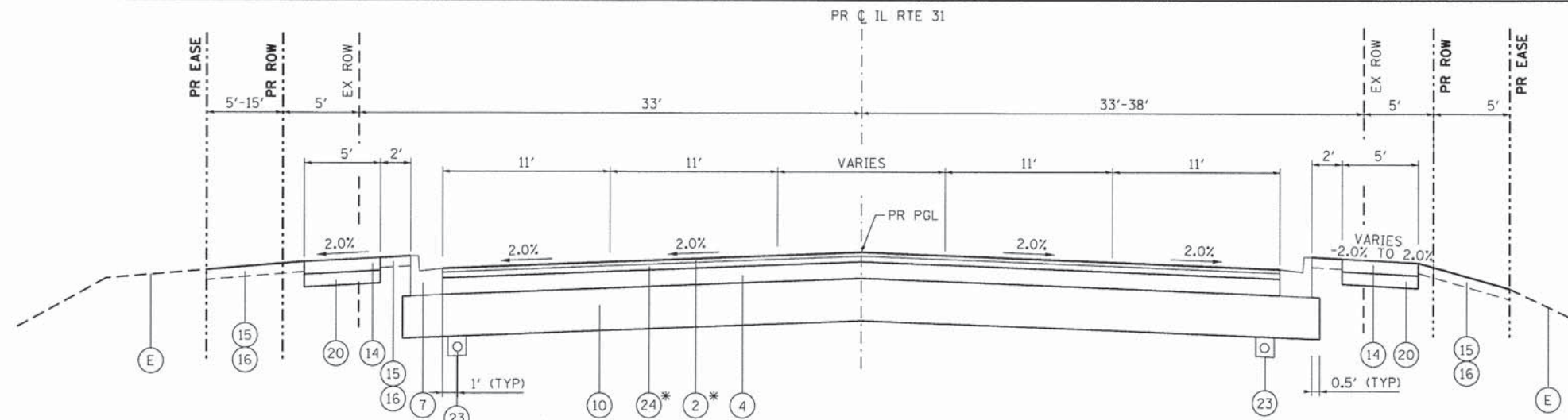
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STATE OF ILLINOIS	DEPARTMENT OF TRANSPORTATION
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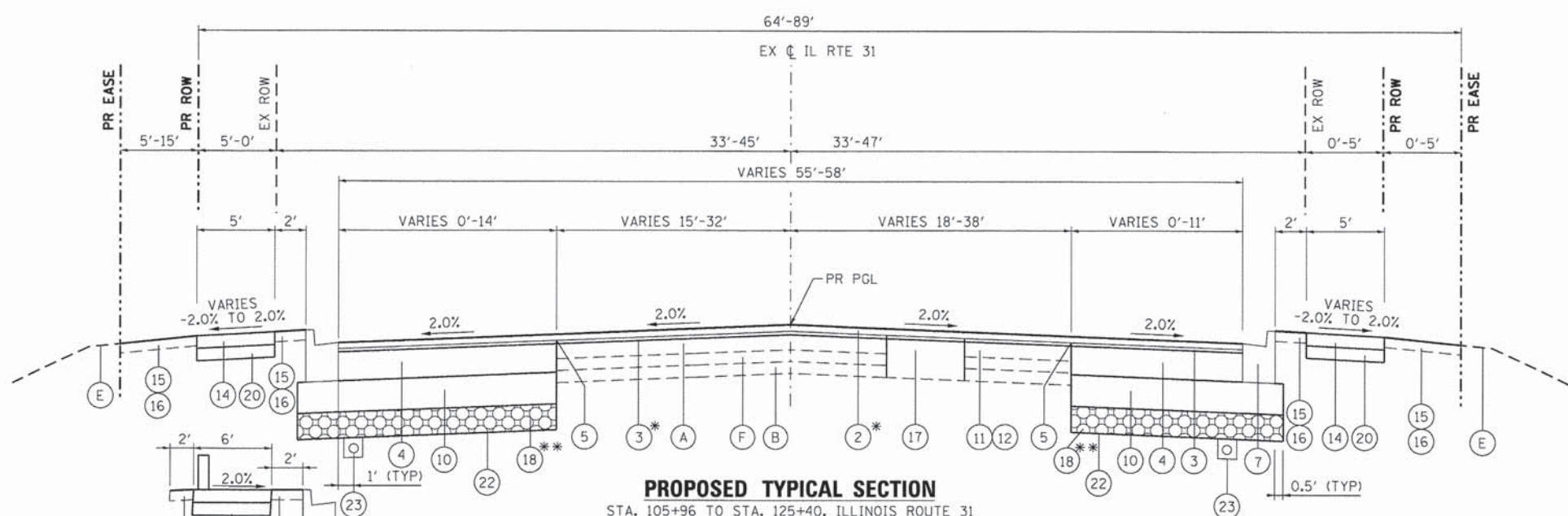
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PROPOSED TYPICAL SECTIONS		ILLINOIS ROUTE 120	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
•	05-00067-00-CH	MCHENRY	22/15
• FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750	
[ILLINOIS] FED. AID PROJECT			

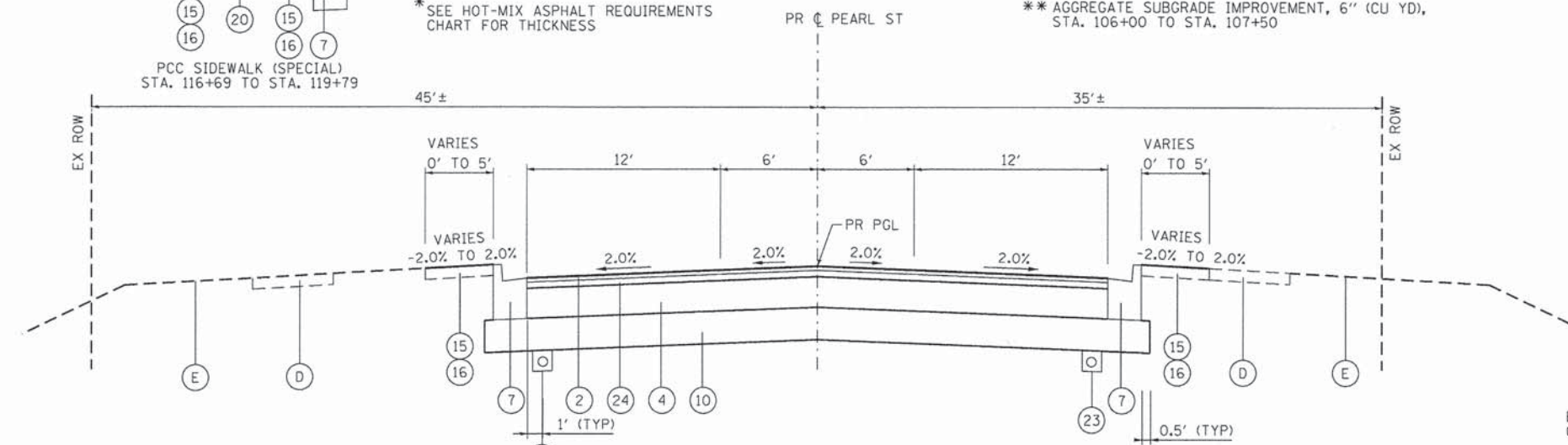
HRGreen	HRGreen.com	Illinois Professional Design Firm	#194-001322
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PROPOSED TYPICAL SECTION
 STA. 104+50 TO STA. 105+96, ILLINOIS ROUTE 31



PROPOSED TYPICAL SECTION
 STA. 105+96 TO STA. 125+40, ILLINOIS ROUTE 31

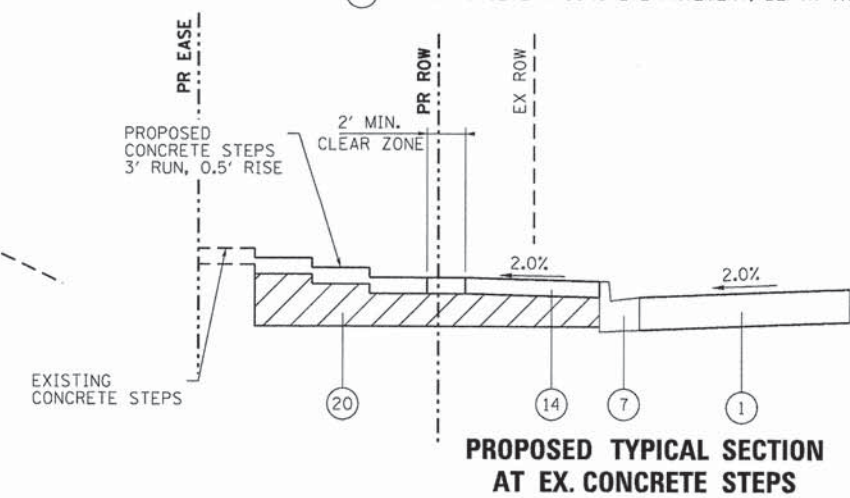


PROPOSED TYPICAL SECTION
 STA. 200+00 TO STA. 201+05, PEARL STREET
 (RESURFACE TO STA. 201+35)

- PROPOSED LEGEND**
- 1 PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
 - 2 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90; 1-3/4"
 - 3 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" MIN.
 - 4 HOT-MIX ASPHALT BASE COURSE, (SEE HMA MIXTURE CHART)
 - 5 STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - 6 OMITTED
 - 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - 8 CONCRETE MEDIAN, TYPE SM-2.12
 - 9 CONCRETE MEDIAN, TYPE SB-6.12
 - 10 AGGREGATE SUBGRADE IMPROVEMENT, 12" (SO YD)
 - 11 BITUMINOUS MATERIALS (PRIME COAT)
 - 12 AGGREGATE (PRIME COAT)
 - 13 CONCRETE MEDIAN SURFACE, 4 INCH
 - 14 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
 - 15 TOPSOIL FURNISH AND PLACE, 4"
 - 16 SODDING, SALT TOLERANT
 - 17 CLASS D PATCHES, 18"
 - 18 AGGREGATE SUBGRADE IMPROVEMENT, 6" (CU YD) (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
 - 19 CONCRETE CURB, TYPE B
 - 20 SUBBASE GRANULAR MATERIAL, TYPE B 6"
 - 21 STABILIZED SUBBASE 4"
 - 22 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - 23 PIPE UNDERDRAINS, 4"
 - 24 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2-1/4"

- REMOVAL LEGEND**
- a PAVEMENT REMOVAL
 - b CURB & GUTTER REMOVAL
 - c SIDEWALK REMOVAL
 - d HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- EXISTING LEGEND**
- A HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES
 - B SUB-BASE GRANULAR MATERIAL
 - C COMBINATION CONCRETE CURB AND GUTTER
 - D PCC SIDEWALK
 - E EXISTING GRADE
 - F PORTLAND CEMENT CONCRETE PAVEMENT; DEPTH VARIES



PROPOSED TYPICAL SECTION AT EX. CONCRETE STEPS

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 PROJECT CONTACT: jmelhus
 DATE PLOTTED: 08/06/11 11:40 AM
 FILE NAME: 080611-11p-4.dgn
 PLOT DRIVER: pdtcarp
 PLOT TABLE: standard-trans.tbl

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

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PLOT SCALE = N.T.S.	DRAWN - SMP	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

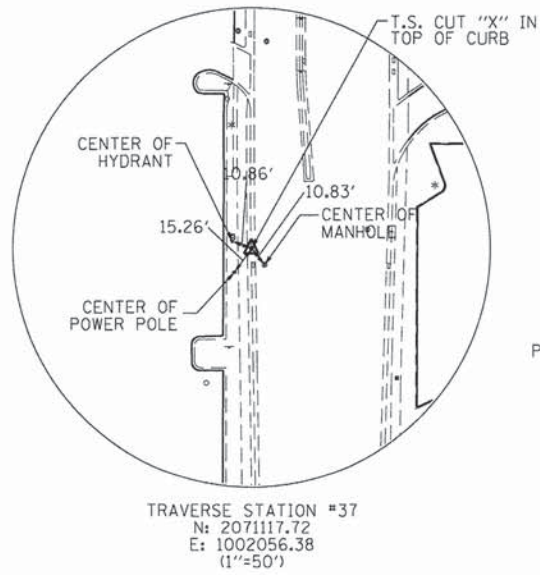
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ILLINOIS ROUTE 31/PEARL STREET

SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	16
• FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

PROP. CURVE PR120-1

Δ = 39° 11' 55" (RT)
 D = 10° 54' 49"
 R = 525.00'
 T = 186.94'
 L = 359.18'
 E = 32.29'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 20+46.16
 N: 2068656.40
 E: 1001901.19
 P.I. STA = 22+33.09
 N: 2068158.09
 E: 1002066.46
 P.T. STA = 24+05.33
 N: 2068641.72
 E: 1002270.73



BENCHMARKS

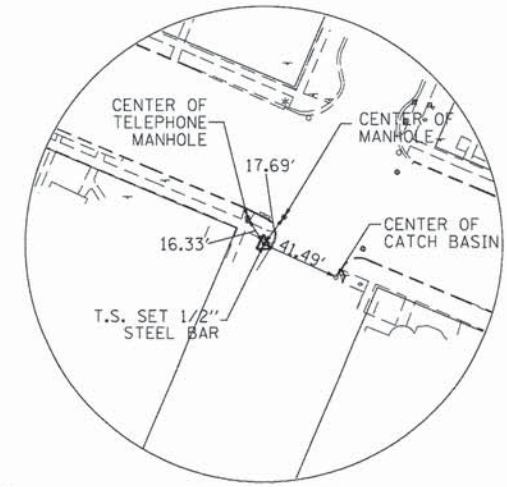
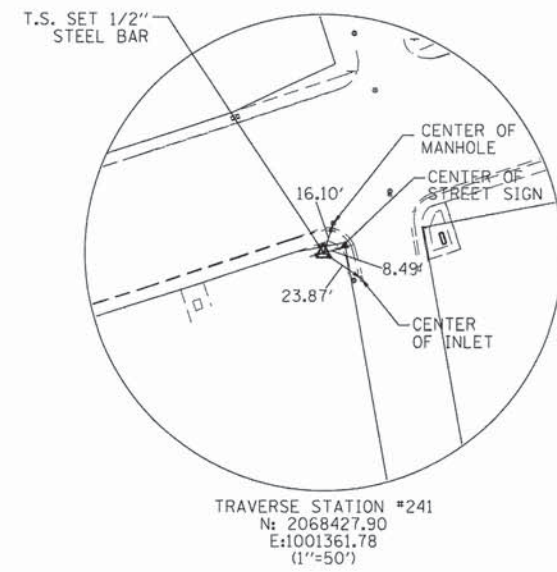
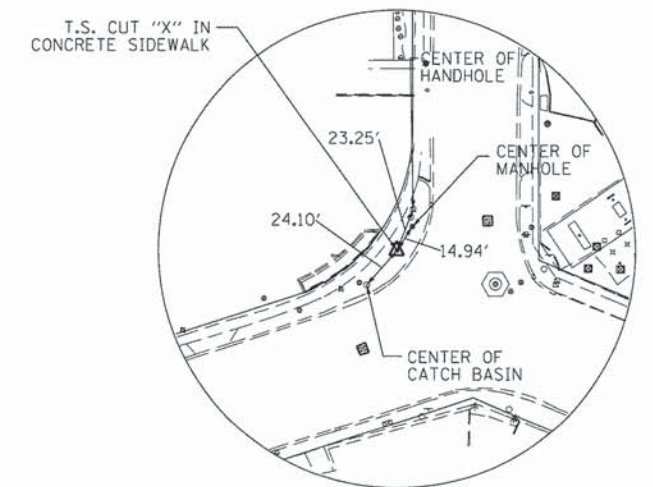
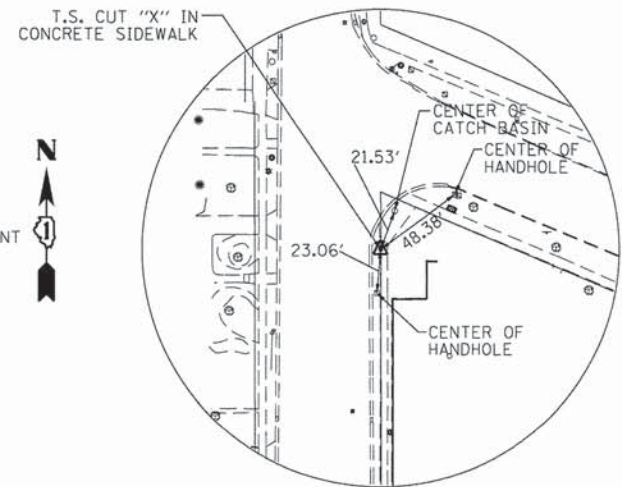
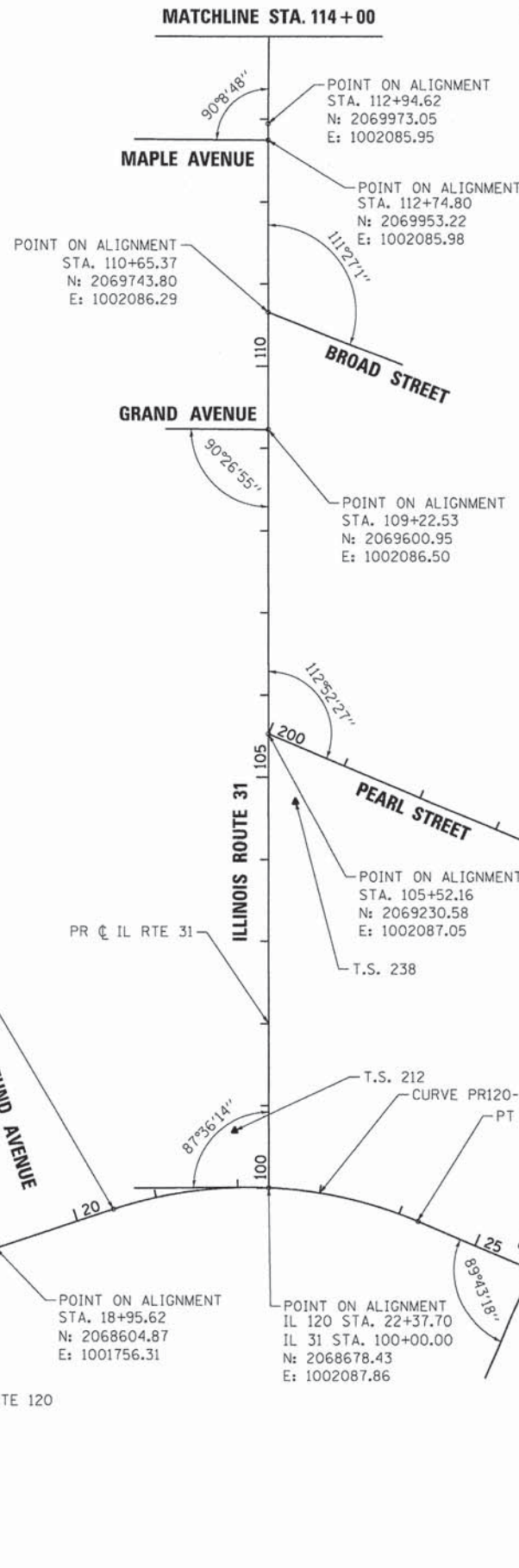
BENCHMARK 1: NORTHEAST BOLT OF FIRE HYDRANT LOCATED AT THE EAST SIDE OF ILLINOIS ROUTE 31, APPROXIMATELY 386.0 FEET NORTH OF THE CENTERLINE OF WASHINGTON STREET, AND APPROXIMATELY 13.0 FEET EAST FROM THE BACK OF CURB OF ILLINOIS ROUTE 31. ELEVATION = 769.38 (NAVD88)

BENCHMARK 2: ARROW BOLT OF FIRE HYDRANT LOCATED AT THE SOUTHEAST CORNER OF ILLINOIS ROUTE 31 AND WASHINGTON STREET, APPROXIMATELY 23.0 FEET SOUTH OF THE CENTERLINE OF WASHINGTON STREET AND APPROXIMATELY 50.0 FEET EAST OF THE CENTERLINE OF ILLINOIS ROUTE 31. ELEVATION = 775.84 (NAVD88)

BENCHMARK 3: ARROW BOLT OF FIRE HYDRANT LOCATED AT THE NORTHEAST CORNER OF ILLINOIS ROUTE 31 AND BROAD STREET, APPROXIMATELY 44.0 FEET NORTH OF THE CENTERLINE OF BROAD STREET AND APPROXIMATELY 23.5 FEET EAST OF THE CENTERLINE OF ILLINOIS ROUTE 31. ELEVATION = 778.33 (NAVD88)

BENCHMARK 4: SOUTH BOLT OF FIRE HYDRANT LOCATED ON THE EAST SIDE OF ILLINOIS ROUTE 31, APPROXIMATELY 198 FEET NORTH OF THE CENTERLINE OF ILLINOIS ROUTE 120, APPROXIMATELY 36.0 FEET EAST OF THE CENTERLINE OF ILLINOIS ROUTE 31, AND APPROXIMATELY 9.5 FEET EAST OF BACK OF CURB. ELEVATION = 767.23 (NAVD88)

BENCHMARK 5: ARROW BOLT ON HYDRANT LOCATED ON THE NORTHERLY SIDE OF ILLINOIS ROUTE 120, APPROXIMATELY 40.0 FEET NORTHERLY OF THE CENTERLINE OF ILLINOIS ROUTE 120, AND APPROXIMATELY 100.0 FEET WESTERLY OF THE CENTERLINE OF BOONE CREEK. ELEVATION 757.03 (NAVD88)

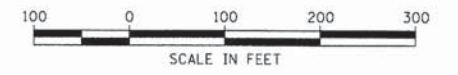


END PROJECT STA. 125+40

BEGIN PROJECT STA. 11+85

END PROJECT STA. 25+52

MATCHLINE STA. 114+00



COMPANY NAME: HRGreen
 PROJECT CONTACT: JRM
 CLIENT: HRGreen
 DATE PLOTTED: 08/06/11
 FILE NAME: 080611-HR-01.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trns.tbl



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PLOT SCALE = 1" = 100'	DRAWN - JPA	REVISED -
PLOT DATE = .DATE1.	CHECKED - TH	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS	
ILLINOIS ROUTE 31/120	
SCALE: 1" = 100'	SHEET NO. 1 OF 2 SHEETS
STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-0067-00-CH	MCHENRY	226	17
•	FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750

PROP. CURVE 120PGL-1

Δ = 13° 33' 55" (RT)
 D = 15° 22' 44"
 R = 372.56'
 T = 44.31'
 L = 88.21'
 E = 2.61'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 20+82.44
 N: 2068652.60
 E: 1001936.54
 P.I. STA = 21+75.84
 N: 2068298.97
 E: 1002053.82
 P.T. STA = 21+71.96
 N: 2068670.24
 E: 1002022.75

PROP. CURVE 120PGLW-1

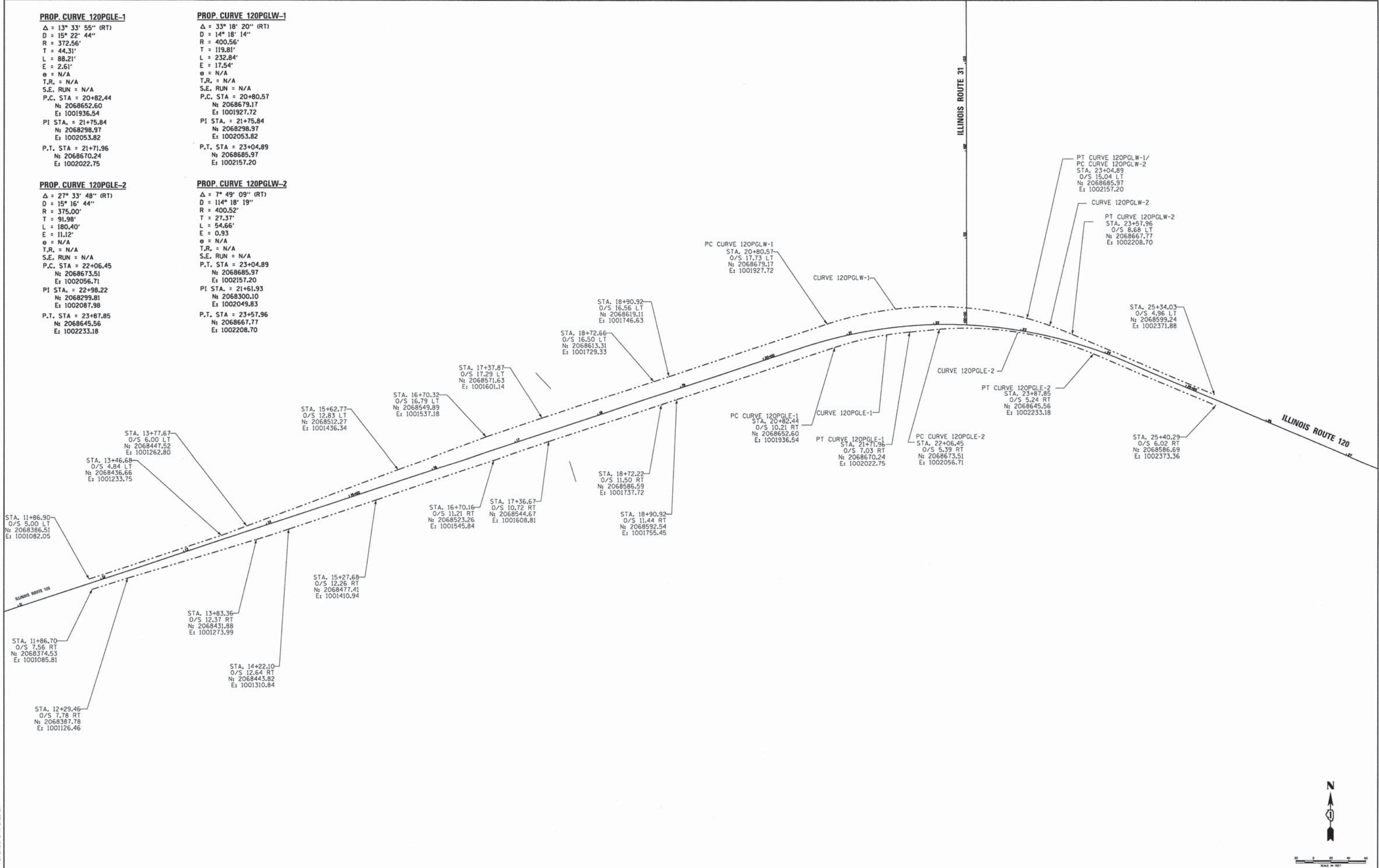
Δ = 33° 18' 20" (RT)
 D = 14° 18' 14"
 R = 400.56'
 T = 119.81'
 L = 232.84'
 E = 17.54'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 20+80.57
 N: 2068679.17
 E: 1001927.72
 P.I. STA = 21+75.84
 N: 2068298.97
 E: 1002053.82
 P.T. STA = 23+04.89
 N: 2068685.97
 E: 1002157.20

PROP. CURVE 120PGL-2

Δ = 27° 33' 48" (RT)
 D = 15° 16' 44"
 R = 375.00'
 T = 91.98'
 L = 180.40'
 E = 11.12'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 22+06.45
 N: 2068673.51
 E: 1002056.71
 P.I. STA = 22+98.22
 N: 2068299.81
 E: 1002087.98
 P.T. STA = 23+87.85
 N: 2068645.56
 E: 1002233.18

PROP. CURVE 120PGLW-2

Δ = 7° 49' 09" (RT)
 D = 114° 18' 19"
 R = 400.52'
 T = 27.37'
 L = 54.66'
 E = 0.93
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.T. STA = 23+04.89
 N: 2068685.97
 E: 1002157.20
 P.I. STA = 21+61.93
 N: 2068300.10
 E: 1002049.83
 P.T. STA = 23+57.96
 N: 2068667.77
 E: 1002208.70



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
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 PLOT DRIVER: pdf.plt
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 ILLINOIS ROUTE 31/120**

SCALE: 1" = 100' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	18
• FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

SUGGESTED MAINTENANCE OF TRAFFIC GENERAL NOTES

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. ALL TEMPORARY PAVEMENT MARKINGS & TRAFFIC CONTROL DEVICES SHALL BE IN PLACE AT THE BEGINNING OF EACH STAGE, AND SHALL BE MAINTAINED FOR THE DURATION OF THAT STAGE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

A MINIMUM OF ONE (1) ELEVEN FOOT (11') LANE IN EACH DIRECTION SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES. A MINIMUM OF ONE (1) FIFTEEN FOOT (15') LANE WILL BE OPEN AT ALL TIMES ON ALL SIDE STREETS.

ALL PAVEMENT MARKINGS CONFLICTING WITH REVISED TRAFFIC PATTERNS SHALL BE REMOVED. WET REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE, TYPE III SHALL BE USED ON THE FINAL WEARING SURFACE OR ON THE EXISTING PAVEMENT TO REMAIN WHEN THE TEMPORARY PAVEMENT MARKING CONFLICTS WITH THE PERMANENT PAVEMENT MARKING SUCH AS ON TAPERS OR LANE SHIFTS. PAVEMENT MARKING PAINT SHALL BE USED ON ALL SURFACES TO BE REMOVED OR COVERED WITH SURFACE COURSE.

THE CONTRACTOR SHALL PROVIDE INFORMATION SIGNS ON TEMPORARY SUPPORTS FOR ALL COMMERCIAL DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THIS WORK WILL BE PAID FOR PER DISTRICT ONE DETAIL TC-26. ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS WITH THE USE OF AGGREGATE FOR TEMPORARY ACCESS AND/OR BY CONSTRUCTING ONE HALF OF PROPOSED DRIVEWAYS AT A TIME.

A TEMPORARY HOT-MIX ASPHALT RAMP WEDGE TO TRANSITION THE DIFFERENTIAL ELEVATIONS CAUSED BY STAGED CONSTRUCTION SHALL BE INSTALLED BETWEEN THE NEW CONSTRUCTION AND THE EXISTING PAVEMENT. ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT. PROVIDE TEMPORARY BITUMINOUS RAMP WEDGE OR OTHER MITIGATING MEASURES APPROVED BY THE ENGINEER.

THE FOLLOWING TABLE PROVIDES THE NECESSARY TREATMENT REQUIRED BY THE CONTRACTOR TO MINIMIZE DROP-OFF EXPOSURE:

DROP-OFF AT EDGE OF PAVEMENT

DROP-OFF LOCATION (FROM EDGE OF PAVEMENT)	SPEED MPH (5)	DROP-OFF HEIGHT AND TYPE (INCHES)	TREATMENT REQUIRED
<= 3 FT (1) (2)	ALL	<= 1	NONE
		> 1, <= 3	LOW SHOULDER SIGNS (AFTER EACH INTERSECTION)
	< 45	> 3, <= 18	CHANNELIZING DEVICES PER PLAN SPACING
	>= 45	> 3, <= 12	CHANNELIZING DEVICES PER PLAN SPACING
	< 45	> 18, <= 24 FOR <0.5 MILES OR <48 HOURS	CHANNELIZING DEVICES PER PLAN SPACING (4)
>= 45	> 12, <= 18 FOR <0.5 MILES OR <48 HOURS	CHANNELIZING DEVICES PER PLAN SPACING (4)	
	ALL	> 18, <= 24	ADJACENT LANE CLOSURE
> 3 FT	ALL	> 24	ADJACENT LANE CLOSURE
	ALL	<= 1	NONE
<= 8 FT (3)	ALL	> 1, <= 3	LOW SHOULDER SIGNS (2 MILE SPACING)
	ALL	> 3, <= 24	CHANNELIZING DEVICES PER PLAN SPACING
	ALL	> 24	TEMPORARY BARRIER WALL
> 8 FT TO 13 FT (3)	ALL	> 12, <= 24	CHANNELIZING DEVICES PER PLAN SPACING
	ALL	> 24	TEMPORARY BARRIER WALL

- (1) CHANNELIZING DEVICES ARE TO BE PLACED AT SAME LEVEL AS TRAVELING LANE OR SHOULDER PROFILE.
- (2) CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LAVE WIDTH. THE REFLECTIVE AREA AND WARNING LIGHT SHALL BE RAISED TO THE ELEVATION ABOVE THE TRAVELING LANE OR SHOULDER PROFILE AS REQUIRED BY STANDARD 701901.
- (3) CHANNELIZING DEVICES ARE TO BE PLACED AT THE SAME LEVEL AS SIDE SLOPE PROFILE TO BE FULLY VISIBLE.
- (4) DROP-OFFS GREATER THAN 18 IN. SHALL NOT BE EXPOSED TO TRAFFIC FOR GREATER THAN 48 HRS.
- (5) POSTED REGULATORY SPEED IN WORK ZONE DURING THE WORK ACTIVITY.

THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, STATE STANDARDS AND AS DIRECTED BY THE ENGINEER.

TYPE II BARRICADES EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS SHALL BE PLACED ALONG THE ROADWAY AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. TYPE II BARRICADES WITH DIRECTIONAL ARROWS SHALL BE PLACED AT LANE SHIFTS (TAPER SECTIONS) AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER. BARRICADES WITH LEG EXTENSIONS SHALL BE USED WHERE NEEDED TO PROVIDE A MINIMUM DISTANCE OF 36" BETWEEN THE PAVEMENT AND TOP OF BARRICADE. BARRICADES IN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS. ALL TYPE II BARRICADES SHALL BE NON-METALLIC.

THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY CHANGES IN STAGING AT LEAST TWO (2) WORKING DAYS IN ADVANCE.

TEMPORARY SIGNING, AS SHOWN, SHALL CONFORM TO THE APPLICABLE STANDARDS INCLUDED IN THE SPECIAL PROVISIONS AND CONTRACT PLANS OR AS DIRECTED BY THE ENGINEER.

ALL "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS.

MAINTENANCE OF TRAFFIC GENERAL NOTES (CONTD.)

ROAD NAME PLATES SHALL BE INSTALLED ON "ROAD CONSTRUCTION AHEAD" SIGNS AT INTERSECTIONS SHOWN ON THE PLANS.

ALL STATE ROUTE MARKERS SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT ALL STAGES OF CONSTRUCTION.

EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED BY THE CONTRACTOR.

TRAFFIC CONTROL DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.

SUGGESTED MAINTENANCE OF TRAFFIC AND CONSTRUCTION STAGING

PRE-STAGE - CONSTRUCTION

1. INSTALL TEMPORARY PAVEMENT AS SHOWN IN DETAIL TO THE SOUTH OF IL 120 AT IL 31.
2. INSTALL TEMPORARY PAVEMENT AS SHOWN IN DETAIL ON EAST SIDE OF IL 31.
3. INSTALL TEMPORARY TRAFFIC SIGNALS AT IL 31 @ IL 120, IL 31 @ PEARL

PRE-STAGE - SUGGESTED MAINTENANCE OF TRAFFIC

1. TEMPORARY PAVEMENT INSTALLATION UTILIZING HIGHWAY STANDARD 701427 FOR "LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS <= 40 MPH."

STAGE 1 - CONSTRUCTION (IL ROUTE 120)

1. BRIDGE WIDENING TO THE NORTH.
2. CONSTRUCT NORTHERN TWO (2) LANES OF PAVEMENT.

STAGE 1 - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 120)

1. REMOVE ALL EXISTING EASTBOUND CONFLICTING PAVEMENT MARKINGS.
2. INSTALL LANE DROP ACCORDING TO HIGHWAY STANDARD 701602.
3. INSTALL TEMPORARY PAVEMENT MARKING TO MAINTAIN ONE (1) EASTBOUND LANE, ONE (1) WESTBOUND LANE AND ONE (1) TWO-WAY LEFT TURN LANE AS SHOWN ON THE PLANS TO THE WEST OF THE EXISTING BRIDGE.
4. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED EASTBOUND LEFT TURN LANE AS SHOWN.

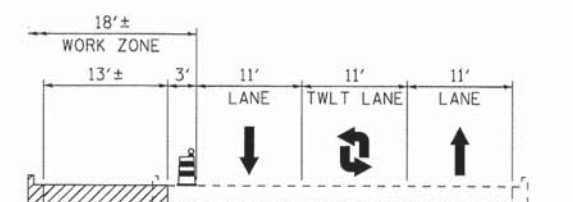
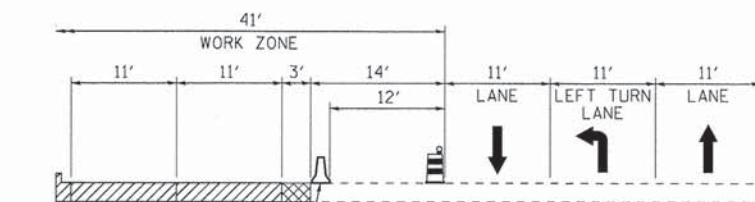
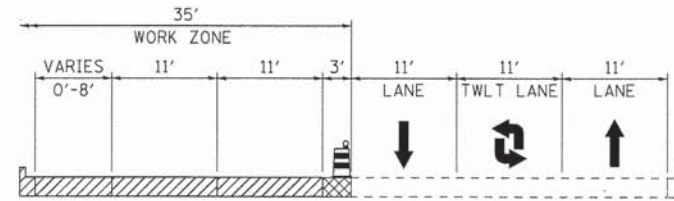
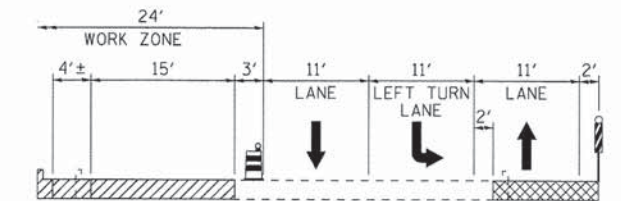
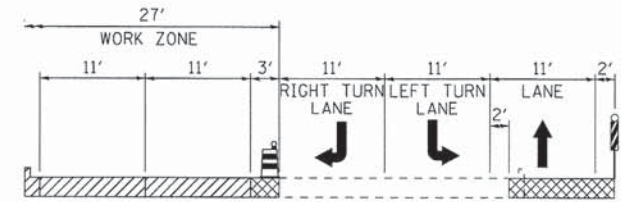
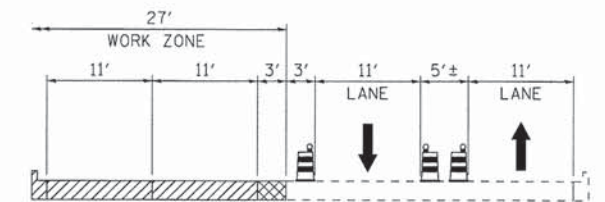
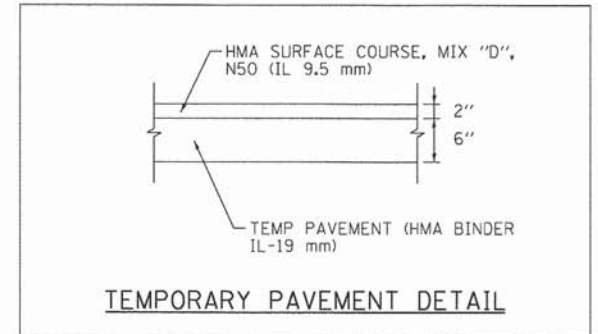
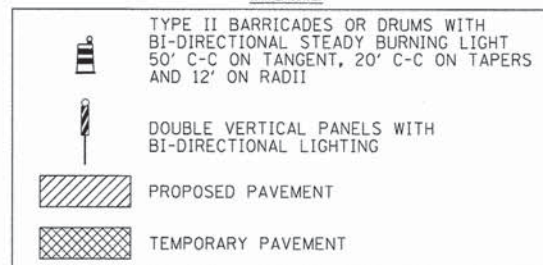
STAGE 1 - CONSTRUCTION (IL ROUTE 31)

1. CONSTRUCT WEST SIDE TWO (2) LANES OF PCC PAVEMENT.
2. CONSTRUCT WESTERN HOT-MIX ASPHALT PAVEMENT WIDENING.

STAGE 1 - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 31)

1. REMOVE ALL EXISTING EASTBOUND CONFLICTING PAVEMENT MARKINGS.
2. INSTALL LANE DROP ACCORDING TO HIGHWAY STANDARD 701602.
3. INSTALL TEMPORARY PAVEMENT MARKING TO MAINTAIN ONE (1) EASTBOUND LANE, ONE (1) WESTBOUND LANE AND ONE (1) TWO-WAY LEFT TURN LANE AS SHOWN ON THE PLANS TO THE WEST OF THE EXISTING BRIDGE.
4. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED EASTBOUND LEFT TURN LANE AS SHOWN.

LEGEND



COMPANY NAME: HRGreen.com
PROJECT CONTACT: Illinois Professional Design Firm
DATE PLOTTED: 09/07/17
FILE NAME: 090717-mo17m-01.dgn
PLOT DRIVER: pdf.plt
PLOT TABLE: s:\font\dr-tran.tbl

HRGreen.com	USER NAME = jmelhus	DESIGNED - JRM	REVISED -
Illinois Professional Design Firm		DRAWN - JPA	REVISED -
# 154-001322		CHECKED - TH	REVISED -
	PLOT SCALE = N.T.S.	DATE -	REVISED -
	PLOT DATE = .DATE1.		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES, STAGE 1
ILLINOIS ROUTE 31/20

SCALE: N.T.S. SHEET NO. 1 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	19
•	FAP 333, FAP 336, FAU 81	CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

SUGGESTED MAINTENANCE OF TRAFFIC AND CONSTRUCTION STAGING

STAGE 2 - CONSTRUCTION (IL ROUTE 120)

1. CONSTRUCT SOUTHERN TWO (2) LANES OF PAVEMENT.
2. CONSTRUCT FIRST EASTBOUND LEFT TURN LANE, TAPER AND PAVEMENT.

STAGE 2 - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 120)

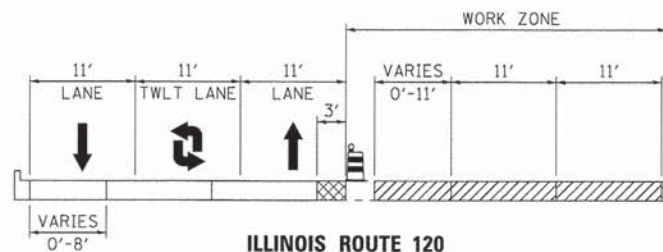
1. REMOVE ALL CONFLICTING PAVEMENT MARKINGS.
2. INSTALL EASTBOUND AND WESTBOUND LANE DROPS ACCORDING TO HIGHWAY STANDARD 701602.
3. INSTALL TEMPORARY PAVEMENT MARKING TO MAINTAIN ONE (1) EASTBOUND LANE, ONE (1) WESTBOUND LANE AND ONE (1) TWO-WAY LEFT TURN LANE AS SHOWN ON THE PLANS TO THE WEST OF THE EXISTING BRIDGE.
4. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED EASTBOUND LEFT TURN LANE AT BRIDGE AS SHOWN.

STAGE 2 - CONSTRUCTION (IL ROUTE 31)

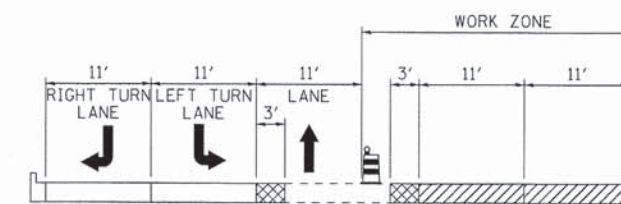
1. CONSTRUCT EAST SIDE TWO (2) LANES OF PCC PAVEMENT.
2. CONSTRUCT EASTERN HOT-MIX ASPHALT PAVEMENT WIDENING.

STAGE 2 - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 31)

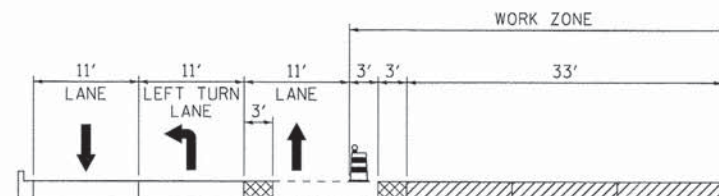
1. REMOVE ALL EXISTING CONFLICTING PAVEMENT MARKINGS.
2. INSTALL LANE DROP ACCORDING TO HIGHWAY STANDARD 701602.
3. INSTALL TEMPORARY PAVEMENT MARKING TO MAINTAIN ONE (1) NORTHBOUND LANE, ONE (1) SOUTHBOUND LANE AND ONE (1) TWO-WAY LEFT TURN LANE AS SHOWN ON THE PLANS TO THE WEST OF THE EXISTING BRIDGE.
4. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED EASTBOUND LEFT TURN LANE AS SHOWN.



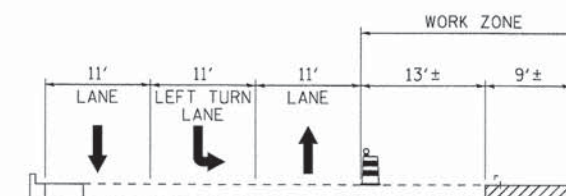
**ILLINOIS ROUTE 120
STAGE 2**
STA. 12+61 TO STA. 17+41



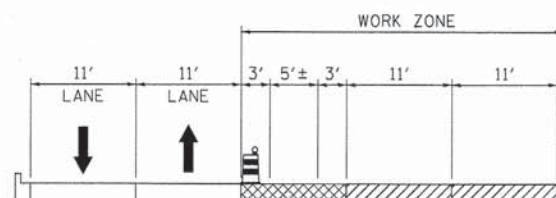
**ILLINOIS ROUTE 31
STAGE 2**
STA. 101+47 TO STA. 105+02



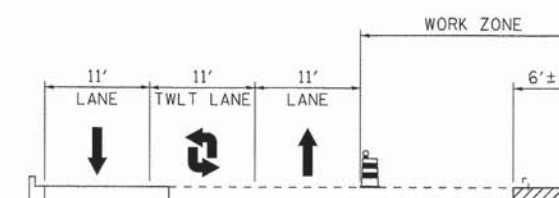
**ILLINOIS ROUTE 120
STAGE 2**
STA. 18+76 TO STA. 21+26



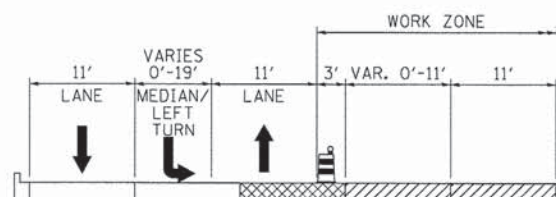
**ILLINOIS ROUTE 31
STAGE 2**
STA. 105+02 TO STA. 108+67



**ILLINOIS ROUTE 120
STAGE 2**
STA. 22+79 TO STA. 23+78



**ILLINOIS ROUTE 31
STAGE 2**
STA. 108+67 TO STA. 122+45



**ILLINOIS ROUTE 120
STAGE 2**
STA. 23+78 TO STA. 25+34

COMPANY NAME: HRGreen.com
PROJECT CONTACT: jmelhu
DATE PLOTTED: 2/28/23 PM
FILE NAME: 090671-mo10n-02.dgn
PLOT DRIVER: pdfLah
PEN TABLE: s fstandard-trans.tbl



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES, STAGE 2
ILLINOIS ROUTE 31/120

SCALE: N.T.S. SHEET NO. 2 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	20
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
[ILLINOIS] FED. AID PROJECT				

SUGGESTED MAINTENANCE OF TRAFFIC AND CONSTRUCTION STAGING

STAGE 3 - CONSTRUCTION (IL ROUTE 120)

1. CONSTRUCT CENTER OF ROADWAY.
2. CONSTRUCT FIRST EASTBOUND LEFT TURN LANE, TAPER AND PAVEMENT.

STAGE 3 - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 120)

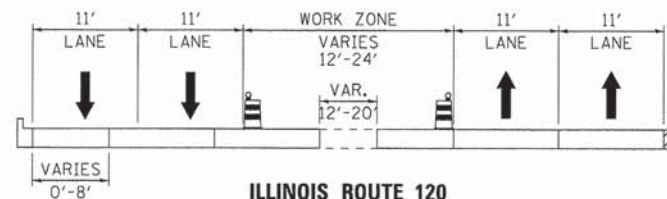
1. REMOVE ALL CONFLICTING PAVEMENT MARKINGS.
2. INSTALL EASTBOUND AND WESTBOUND LANE DROPS ACCORDING TO HIGHWAY STANDARD 701602.
3. INSTALL TEMPORARY PAVEMENT MARKING TO MAINTAIN TWO (2) EASTBOUND LANES, TWO (2) WESTBOUND LANES AS SHOWN ON THE PLANS TO THE WEST OF THE EXISTING BRIDGE.
4. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED EASTBOUND LEFT TURN LANE AT BRIDGE AS SHOWN.
5. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED WESTBOUND RIGHT TURN LANE AT BRIDGE AS SHOWN.

STAGE 3 - CONSTRUCTION (IL ROUTE 31)

1. CONSTRUCT CENTER OF ROADWAY.

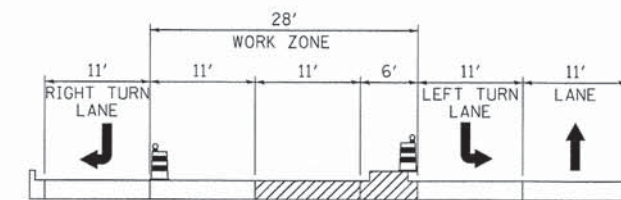
STAGE 3 - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 31)

1. REMOVE ALL EXISTING CONFLICTING PAVEMENT MARKINGS.
2. INSTALL SB LANE DROP ACCORDING TO HIGHWAY STANDARD 701602.
3. INSTALL TEMPORARY PAVEMENT MARKING TO MAINTAIN ONE (1) SOUTHBOUND LANE, ONE (1) NORTHBOUND LANE AND ONE (1) TWO-WAY LEFT TURN LANE AS SHOWN ON THE PLANS.
4. INSTALL TRAFFIC CONTROL AND DETOUR SIGNING TO CLOSE EASTBOUND PEARL STREET.
5. INSTALL TRAFFIC CONTROL AND DETOUR SIGNING TO PROHIBIT LEFT TURNS FROM PEARL STREET TO SOUTHBOUND ILLINOIS ROUTE 31.
4. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED SOUTHBOUND LEFT TURN LANE TO THE EAST OF THE PROPOSED WORK ZONE AS SHOWN.



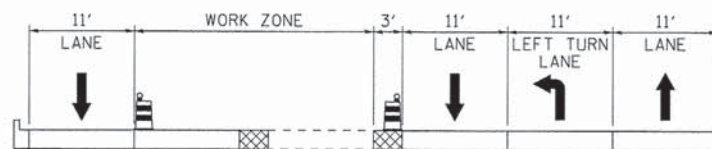
**ILLINOIS ROUTE 120
STAGE 3**

STA. 11+85 TO STA. 14+82



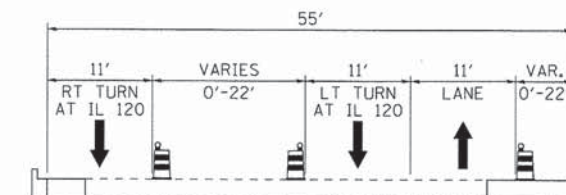
**ILLINOIS ROUTE 31
STAGE 3**

STA. 101+47 TO STA. 104+72



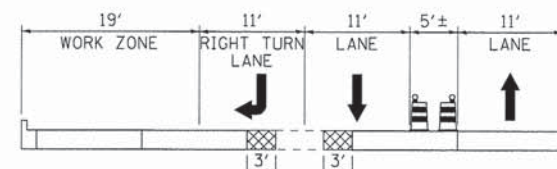
**ILLINOIS ROUTE 120
STAGE 3**

STA. 14+82 TO STA. 21+53



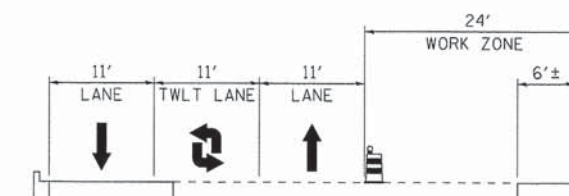
**ILLINOIS ROUTE 31
STAGE 3**

STA. 105+87 TO STA. 111+48



**ILLINOIS ROUTE 120
STAGE 3**

STA. 23+09 TO STA. 25+43



**ILLINOIS ROUTE 31
STAGE 3**

STA. 111+48 TO STA. 122+45

COMPANY NAME: HRGreen
PROJECT CONTACT: JDATEL
CLIENT: MCHENRY COUNTY
DATE PLOTTED: 2/28/20 PM
FILE NAME: 05-0067-00-CH
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	DRAWN - JPA	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES, STAGE 3
ILLINOIS ROUTE 31/120**

SCALE: N.T.S. SHEET NO. 3 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• FAP 333, FAP 336, FAU 81	05-0067-00-CH	MCHENRY	226	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63750	

SUGGESTED MAINTENANCE OF TRAFFIC AND CONSTRUCTION STAGING

STAGE 4 - CONSTRUCTION (IL ROUTE 120)

1. CONSTRUCT REMAINING PCC PAVEMENT WITHIN INTERSECTION.

STAGE 4 - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 120)

1. REMOVE ALL CONFLICTING PAVEMENT MARKINGS.
2. INSTALL WESTBOUND LANE DROPS ACCORDING TO HIGHWAY STANDARD 701602.
3. INSTALL TEMPORARY PAVEMENT MARKING TO MAINTAIN TWO (2) EASTBOUND LANE, TWO (2) WESTBOUND LANE AS SHOWN ON THE PLANS TO THE WEST OF THE EXISTING BRIDGE.
4. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED EASTBOUND LEFT TURN LANE AT BRIDGE AS SHOWN.

STAGE 4 - CONSTRUCTION (IL ROUTE 31)

1. CONSTRUCT CENTER LANE OF PCC PAVEMENT.

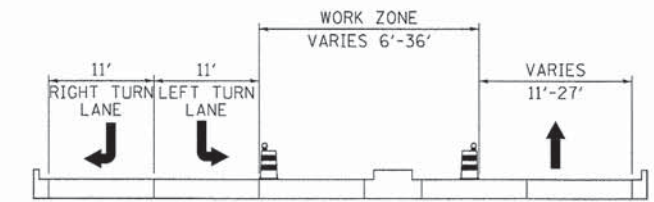
STAGE 4 - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 31)

1. REMOVE ALL EXISTING CONFLICTING PAVEMENT MARKINGS.
2. INSTALL LANE DROP ACCORDING TO HIGHWAY STANDARD 701602.
3. INSTALL TEMPORARY PAVEMENT MARKING TO MAINTAIN ONE (1) NORTHBOUND LANE, ONE (1) SOUTHBOUND LANE AND ONE (1) TWO-WAY LEFT TURN LANE AS SHOWN ON THE PLANS TO THE WEST OF THE EXISTING BRIDGE.
4. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED EASTBOUND LEFT TURN LANE AS SHOWN.



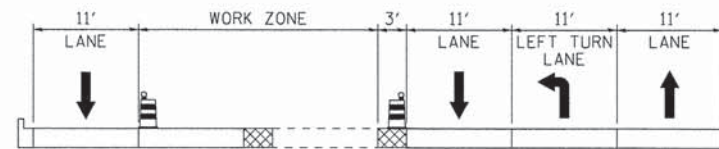
**ILLINOIS ROUTE 120
STAGE 4**

STA. 11+87 TO STA. 14+82



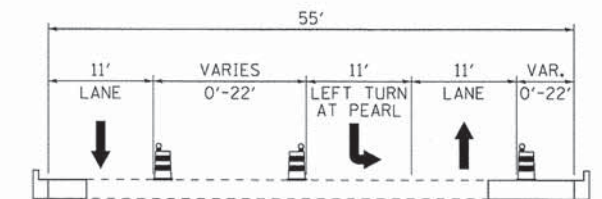
**ILLINOIS ROUTE 31
STAGE 4**

STA. 101+47 TO STA. 105+02



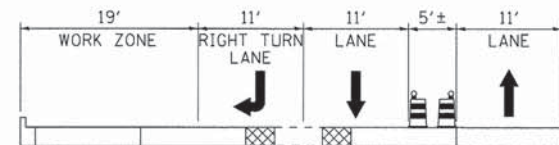
**ILLINOIS ROUTE 120
STAGE 4**

STA. 14+82 TO STA. 21+53



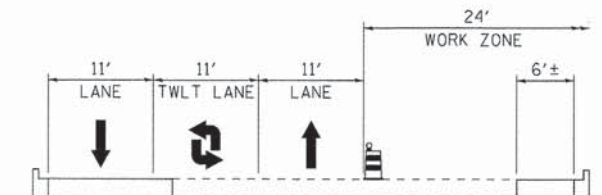
**ILLINOIS ROUTE 31
STAGE 4**

STA. 105+87 TO STA. 111+48



**ILLINOIS ROUTE 120
STAGE 4**

STA. 23+09 TO STA. 25+34



**ILLINOIS ROUTE 31
STAGE 4**

STA. 111+48 TO STA. 122+45

COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
DATE PLOTTED: 08/06/11 2:28:37 PM
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES, STAGE 4
ILLINOIS ROUTE 31/120**

SCALE: N.T.S. SHEET NO. 4 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	22	22
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

SUGGESTED MAINTENANCE OF TRAFFIC AND CONSTRUCTION STAGING

STAGE 4A - CONSTRUCTION (IL ROUTE 120)

1. CONSTRUCT CENTER LANE OF PCC PAVEMENT.

STAGE 4A - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 120)

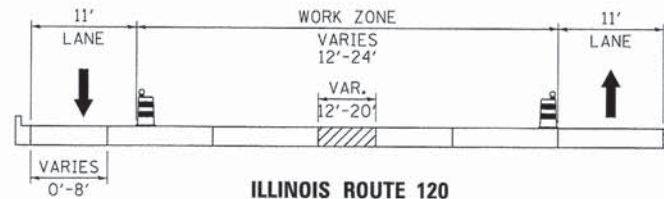
1. REMOVE ALL CONFLICTING PAVEMENT MARKINGS.
2. INSTALL WESTBOUND LANE DROPS ACCORDING TO HIGHWAY STANDARD 701602.
3. INSTALL TEMPORARY PAVEMENT MARKING TO MAINTAIN ONE (1) EASTBOUND LANE, ONE (1) WESTBOUND LANE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLAN.
4. INSTALL TEMPORARY PAVEMENT MARKING TO INTRODUCE A DEDICATED EASTBOUND LEFT TURN LANE AT BRIDGE AS SHOWN.

STAGE 4A - CONSTRUCTION (IL ROUTE 31)

1. COMPLETE REMAINING PUNCH-LIST ITEMS.

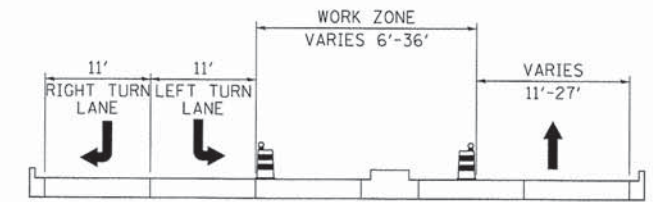
STAGE 4A - SUGGESTED MAINTENANCE OF TRAFFIC (IL ROUTE 31)

1. REMOVE ALL EXISTING CONFLICTING PAVEMENT MARKINGS.
2. INSTALL LANE DROP ACCORDING TO HIGHWAY STANDARD 701602.
3. MAINTAIN STAGE 4 TEMPORARY PAVEMENT MARKING FOR ONE (1) NORTHBOUND LANE, ONE (1) SOUTHBOUND LANE AND ONE (1) TWO WAY LEFT TURN LANE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLAN.



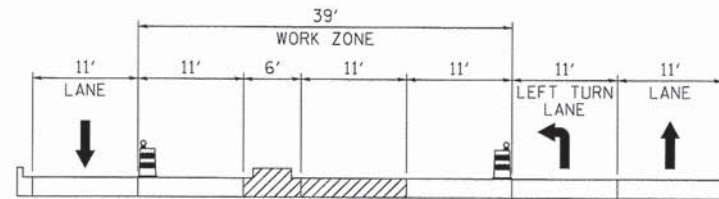
**ILLINOIS ROUTE 120
STAGE 4**

STA. 11+85 TO STA. 14+33



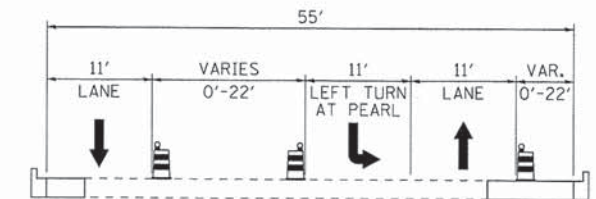
**ILLINOIS ROUTE 31
STAGE 4**

STA. 101+47 TO STA. 105+02



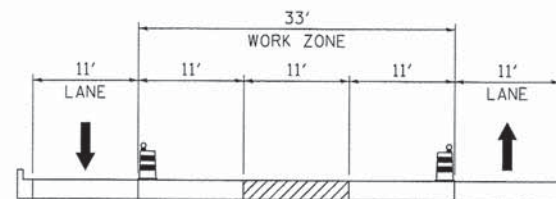
**ILLINOIS ROUTE 120
STAGE 4**

STA. 14+33 TO STA. 21+53



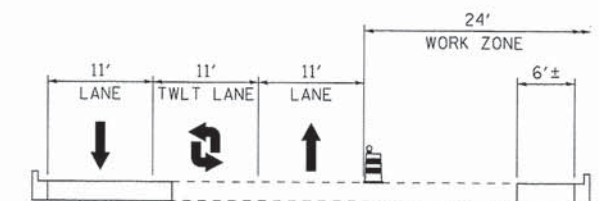
**ILLINOIS ROUTE 31
STAGE 4**

STA. 105+87 TO STA. 111+48



**ILLINOIS ROUTE 120
STAGE 4**

STA. 23+09 TO STA. 25+43



**ILLINOIS ROUTE 31
STAGE 4**

STA. 111+48 TO STA. 122+45

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PROJECT CONTACT: JPA
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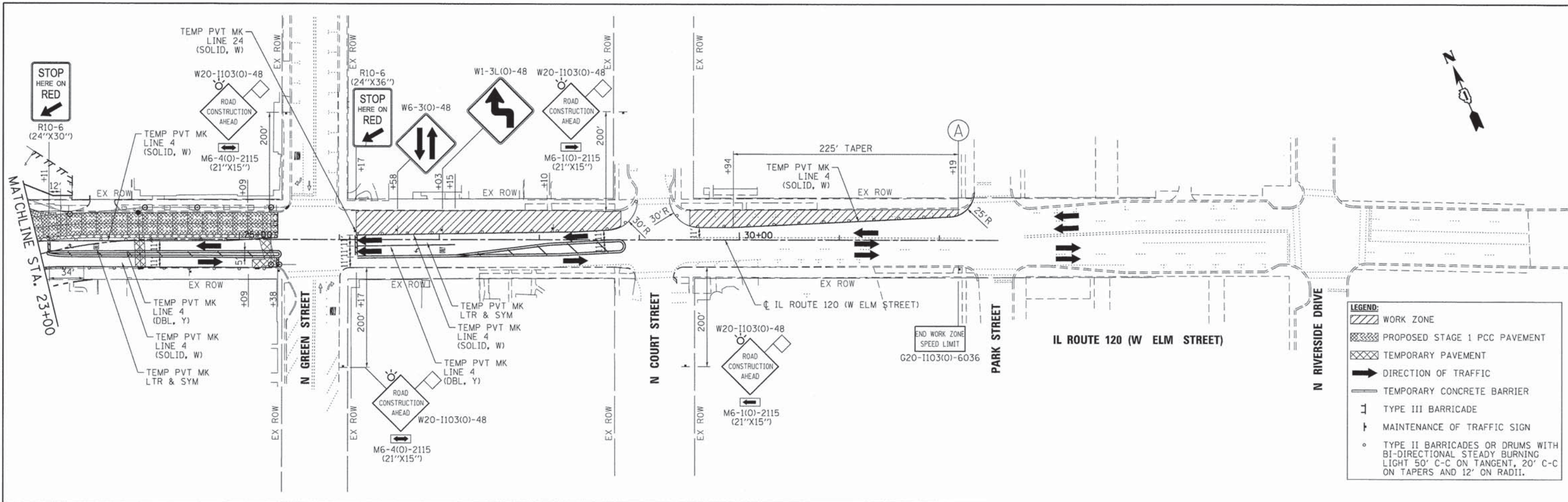
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DRAWN - JPA	REVISIONS -	
CHECKED - TH	REVISIONS -	
DATE -	REVISIONS -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES, STAGE 4A
ILLINOIS ROUTE 31/120**

SCALE: N.T.S. SHEET NO. 5 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	23
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

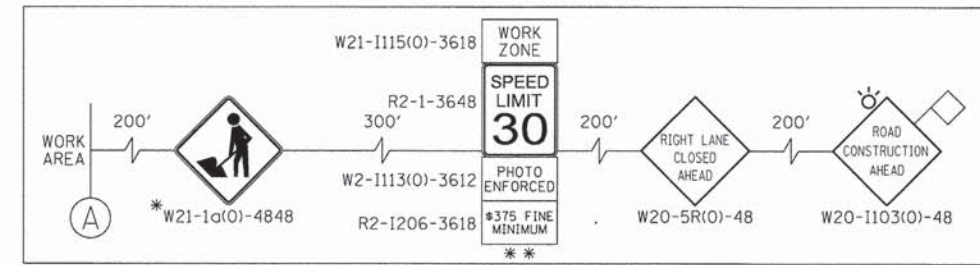


LEGEND:

- WORK ZONE
- PROPOSED STAGE 1 PCC PAVEMENT
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- TYPE III BARRICADE
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURNING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII.

NOTES:
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 TEMPORARY TRAFFIC SIGNALS ARE TO BE INSTALLED ON IL ROUTE 120 AT IL ROUTE 31 (RICHMOND RD.) AND AT NORTH GREEN STREETS. SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

ADVANCED SIGNING DETAIL



* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
 DATE PLOTTED: 06/06/11 10:11:02 am
 FILE NAME: 060611-m01-02.dgn
 PLOT DRIVER: pdf.caf
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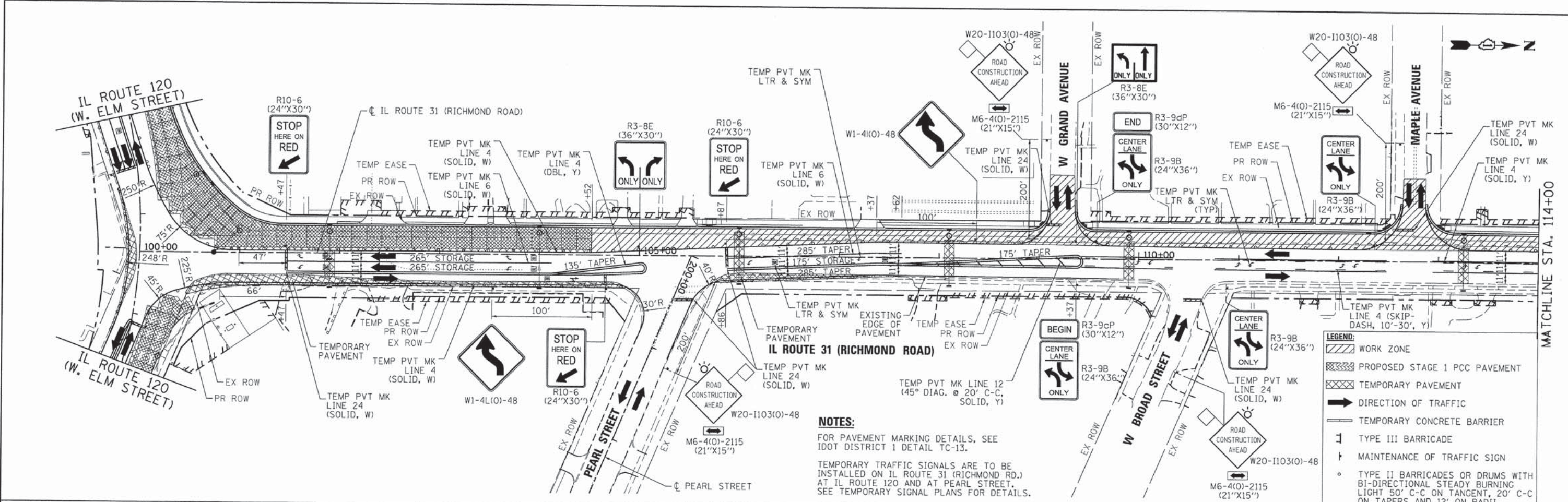


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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

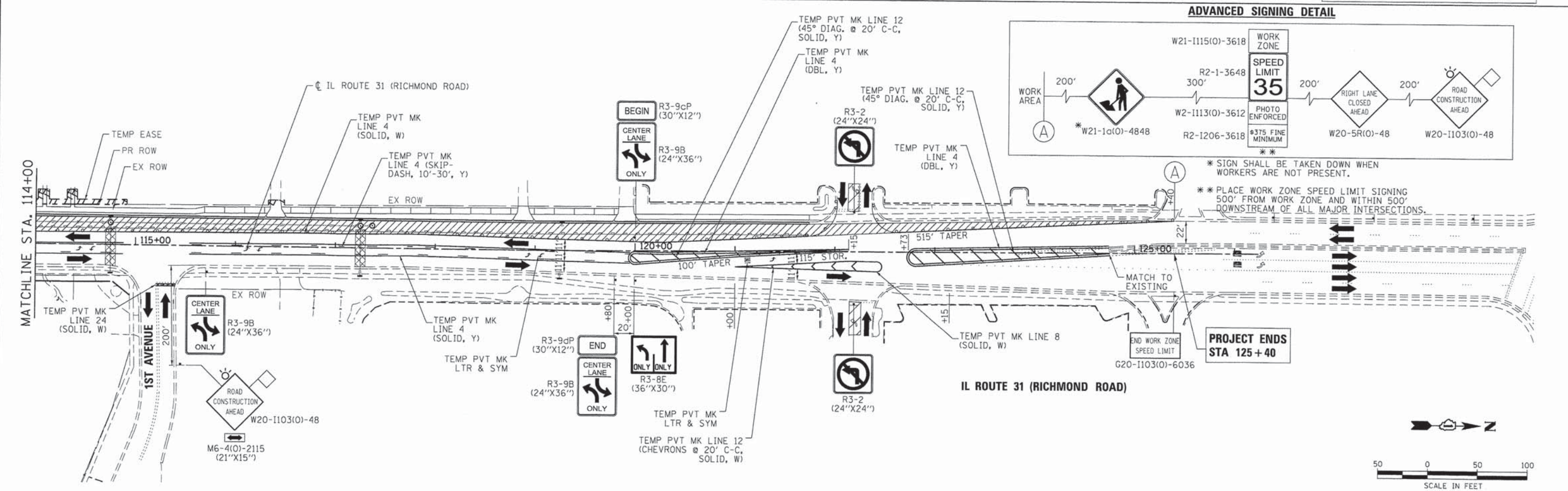
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
 ILLINOIS ROUTE 31/120**
 SCALE: 1" = 50' SHEET NO. 7 OF 21 SHEETS STA. 23+00 TO STA. 38+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	25
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



NOTES:
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 TEMPORARY TRAFFIC SIGNALS ARE TO BE INSTALLED ON IL ROUTE 31 (RICHMOND RD.) AT IL ROUTE 120 AND AT PEARL STREET. SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

- LEGEND:**
- WORK ZONE
 - PROPOSED STAGE 1 PCC PAVEMENT
 - TEMPORARY PAVEMENT
 - DIRECTION OF TRAFFIC
 - TEMPORARY CONCRETE BARRIER
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGN
 - TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURNING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII.



ADVANCED SIGNING DETAIL

* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

COMPANY NAME: HRGreen
 PROJECT CONTACT: jmelhus
 DATE PLOTTED: 2/29/10 PM
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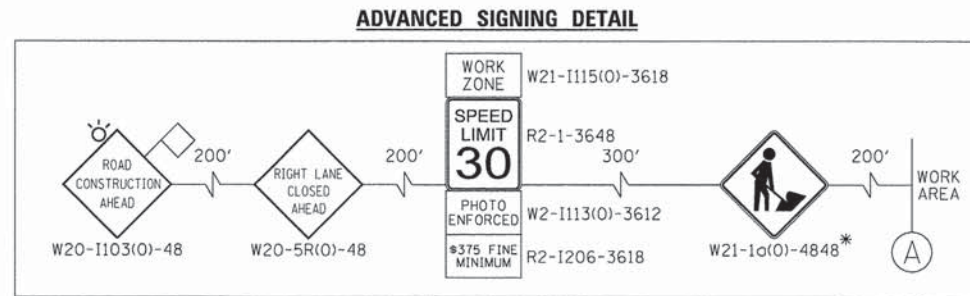


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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
 ILLINOIS ROUTE 31/120**
 SCALE: 1" = 50' SHEET NO. 8 OF 21 SHEETS STA. 100+00 TO STA. 129+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	26
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



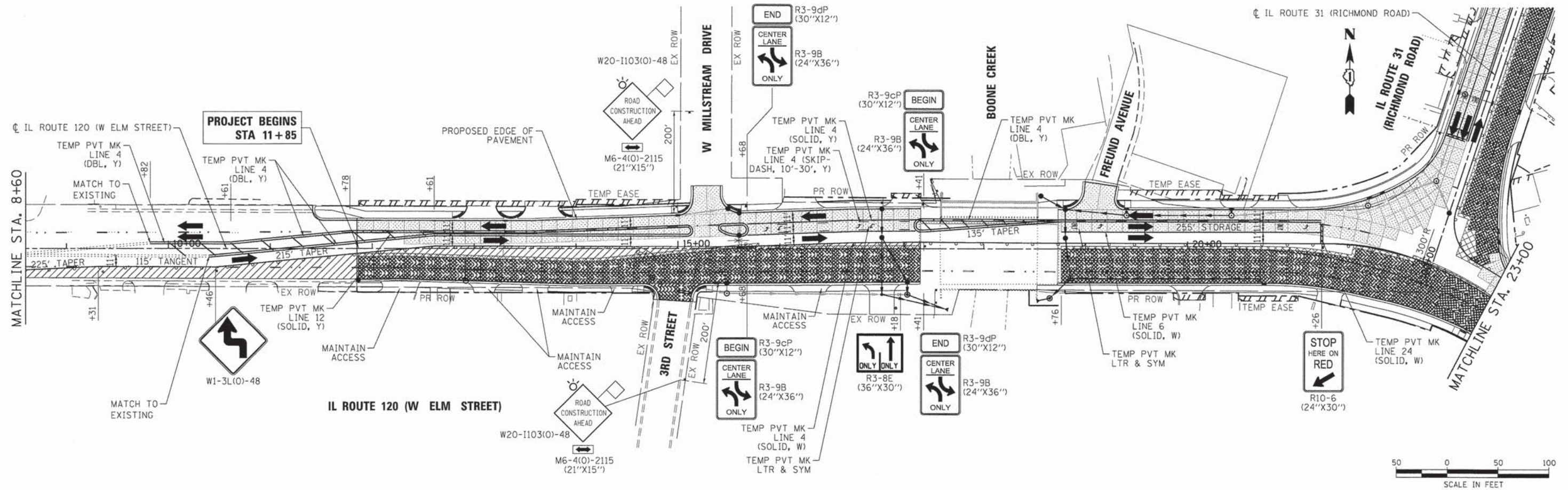
* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

NOTES:

FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT IL 120 AT IL 31 (RICHMOND RD.). SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

LEGEND:

- WORK ZONE
- STAGE 1 PCC PAVEMENT
- PROPOSED STAGE 2 PCC PAVEMENT
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURNING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII



COMPANY NAME: HRGreen
 PROJECT CONTACT: jmo
 DATE PLOTTED: 2/29/22 PM
 FILE NAME: 08061-mo12-01.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: s1romdor-c-trans.tbl



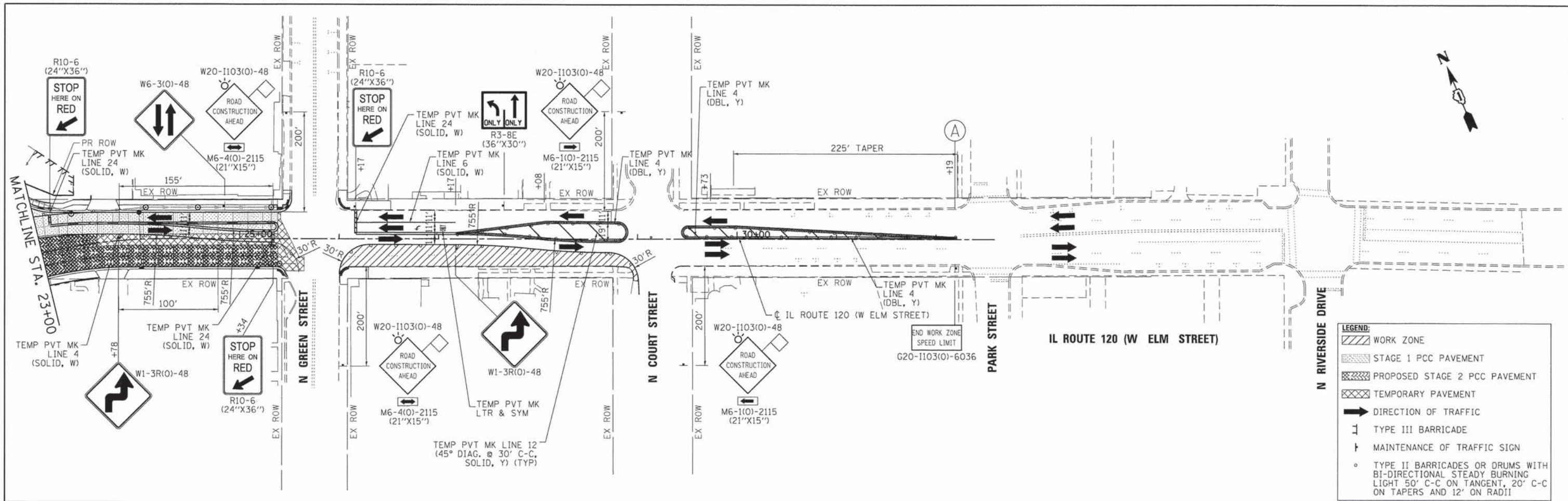
USER NAME = jmo	DESIGNED - JRM	REVISED -
DESIGNED - JPA	REVISED -	
CHECKED - TH	REVISED -	
DATE - .DATEL.	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
 ILLINOIS ROUTE 31/120

SCALE: 1" = 50' SHEET NO. 9 OF 21 SHEETS STA. 8+60 TO STA. 23+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	27
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

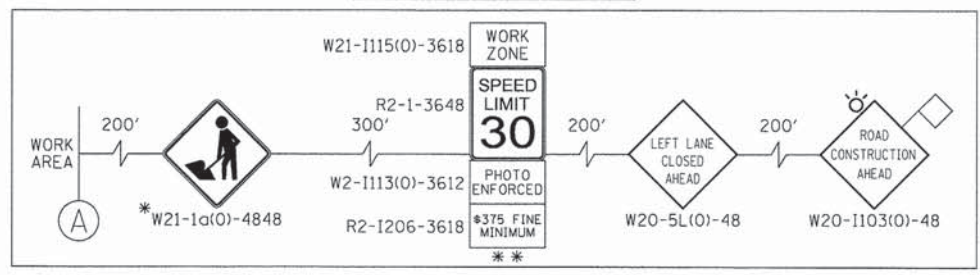


LEGEND:

- WORK ZONE
- STAGE 1 PCC PAVEMENT
- PROPOSED STAGE 2 PCC PAVEMENT
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURNING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII

NOTES:
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 TEMPORARY TRAFFIC SIGNALS ARE TO BE INSTALLED ON IL ROUTE 120 AT IL ROUTE 31 (RICHMOND RD.) AND AT NORTH GREEN STREET. SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

ADVANCED SIGNING DETAIL



* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm #194-091322
 CLIENT: HRGreen
 DATE PLOTTED: 2/29/21 PM
 FILE NAME: 080611-mo12-02.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl

HRGreen.com
 Illinois Professional Design Firm
 #194-091322

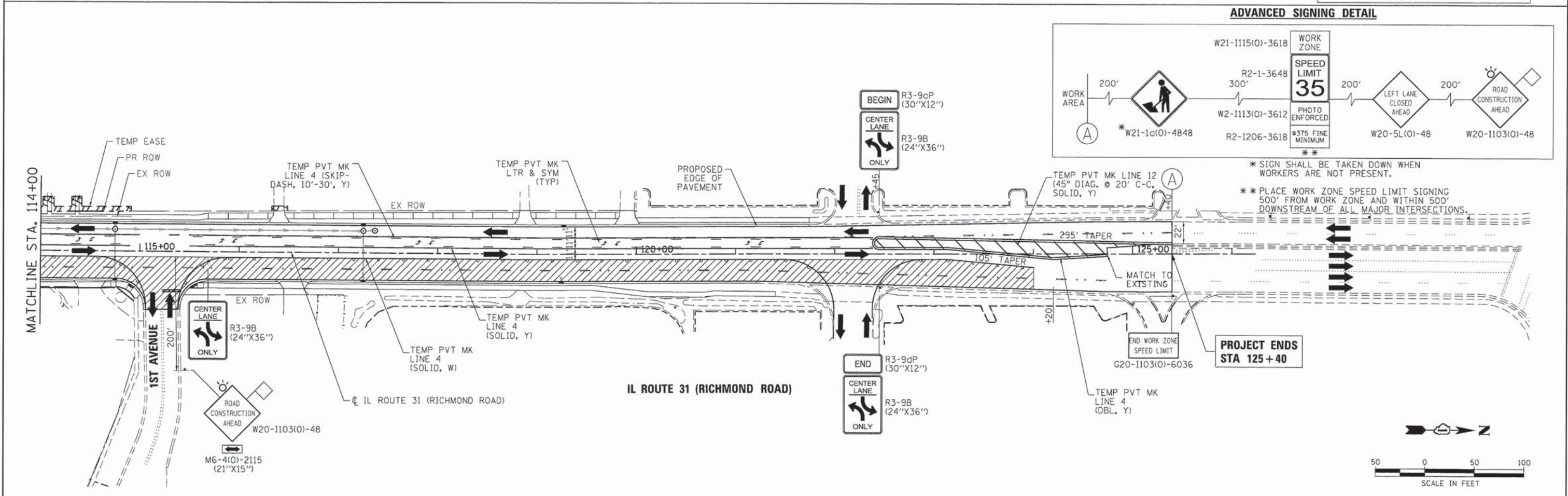
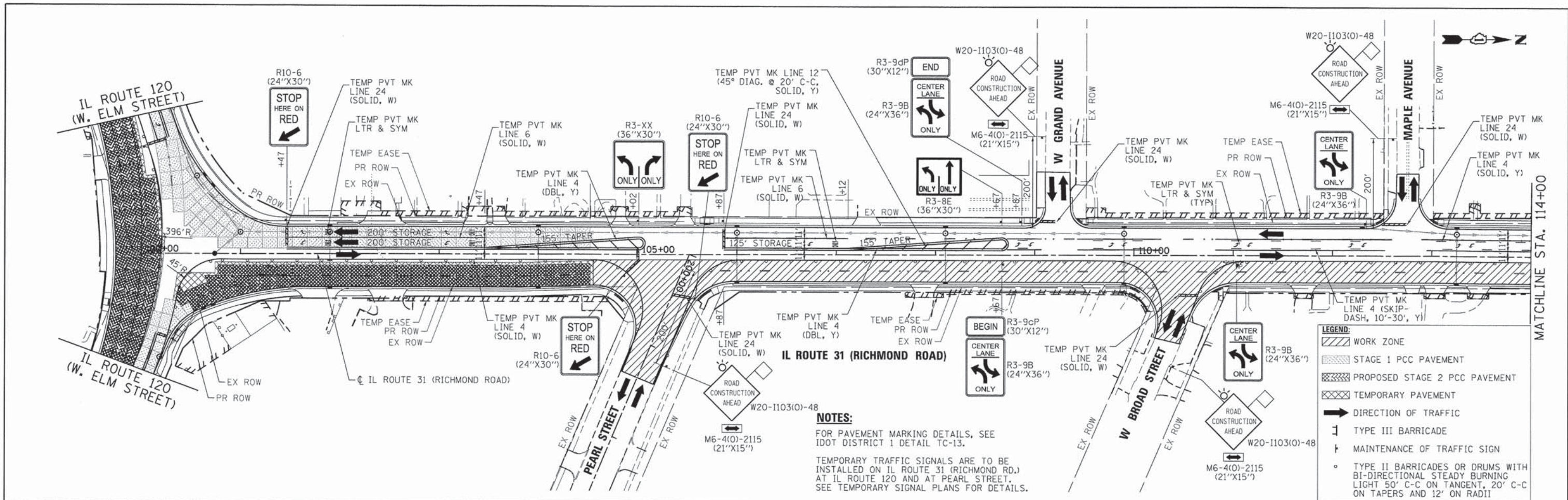
USER NAME = jmelhus	DESIGNED - JRM	REVISED -
DRAWN - JPA	REVISIONS -	
CHECKED - TH	REVISIONS -	
DATE -	REVISIONS -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC – STAGE 2
 ILLINOIS ROUTE 31/120**

SCALE: 1" = 50' SHEET NO. 10 OF 21 SHEETS STA. 23+00 TO STA. 38+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	28
•	FAP 333, FAP 336, FAU 81			
				CONTRACT NO. 63750
[ILLINOIS] FED. AID PROJECT				



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jmelhus
 CLIENT: HRGreen
 DATE PLOTTED: 08/05/11 10:28:41 AM
 FILE NAME: 080511-mo12-03.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



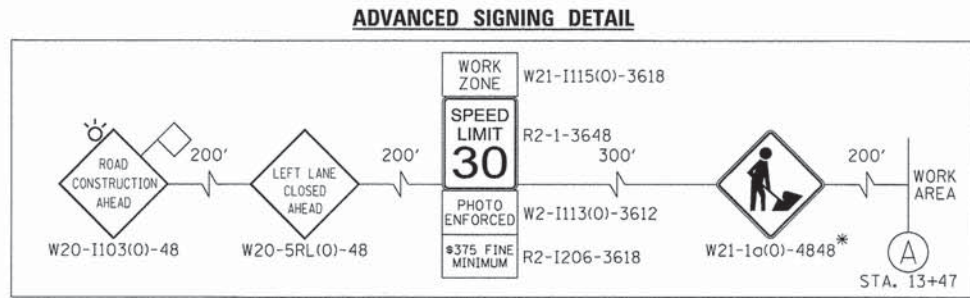
USER NAME = jmelhus	DESIGNED - JRM	REVISED -
PLOT SCALE = 1" = 50'	DRAWN - JPA	REVISED -
PLOT DATE = .DATE1.	CHECKED - TH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
ILLINOIS ROUTE 31/120

SCALE: 1" = 50' SHEET NO. 11 OF 21 SHEETS STA. 100+00 TO STA. 129+00

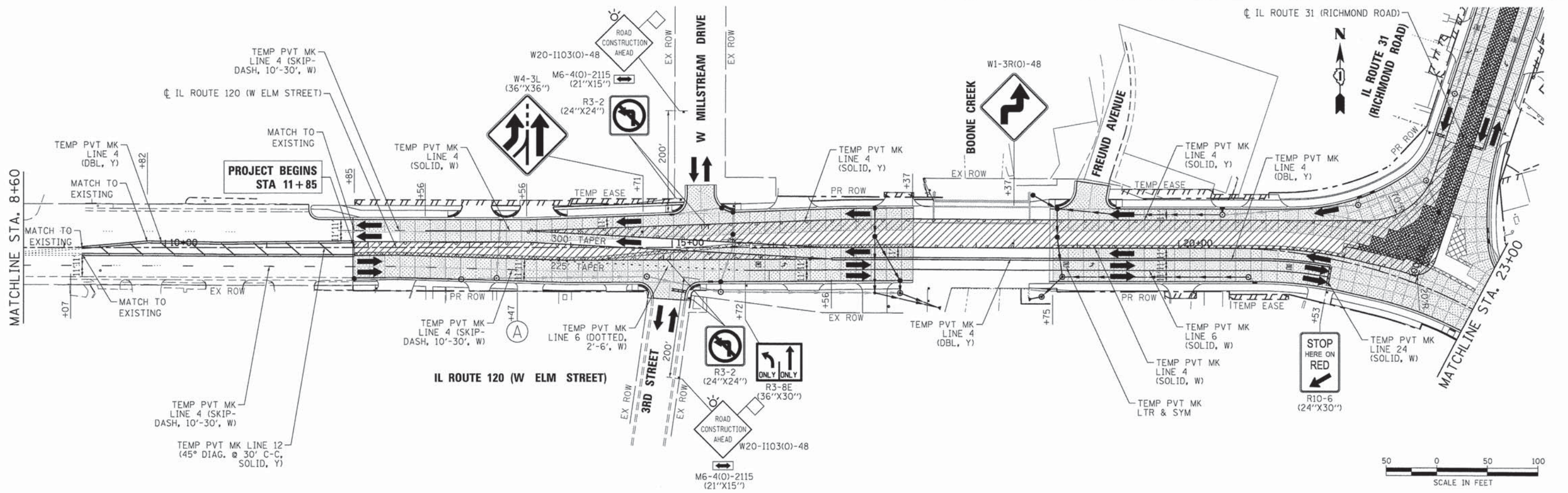
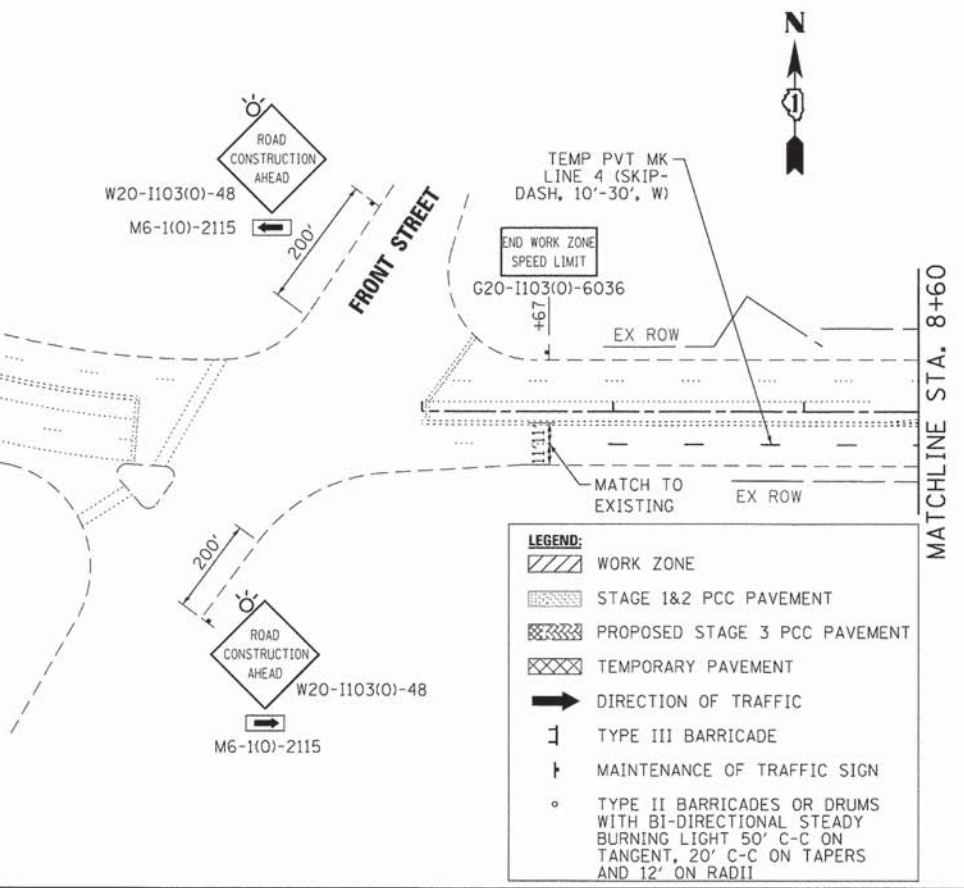
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
375	05-00067-00-CH	MCHENRY	226	29
FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.

** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

NOTES:
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT IL 120 AT IL 31 (RICHMOND RD.). SEE TEMPORARY SIGNAL PLANS FOR DETAILS.



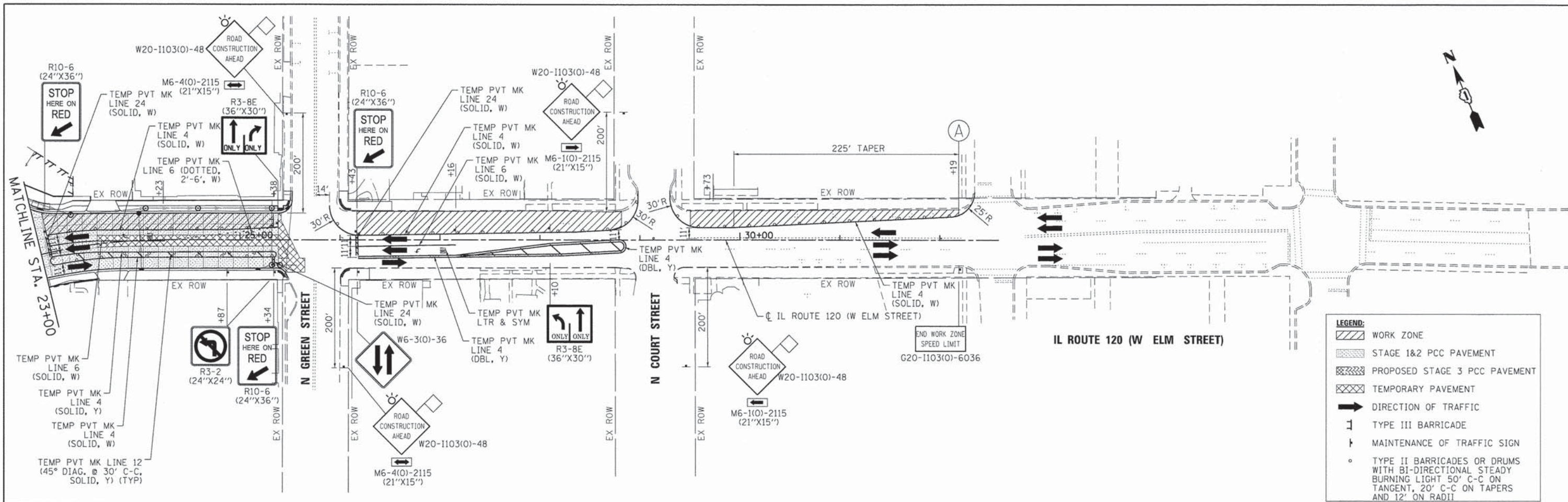
COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm #184-001322
 CLIENTS: HRGreen
 DATE PLOTTED: .DATEL. 2/29/2013 PM
 FILE NAME: 080611-rm13-01.dgn
 PLOT DRIVER: pdf2dwl
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USER NAME = jmelhu	DESIGNED - JRM	REVISED -
DRAWN - JPA	REVISED -	
CHECKED - TH	REVISED -	
DATE - .DATEL.	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
 ILLINOIS ROUTE 31/120
 SCALE: 1" = 50' SHEET NO. 12 OF 21 SHEETS STA. 8+60 TO STA. 23+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	30
FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



LEGEND:

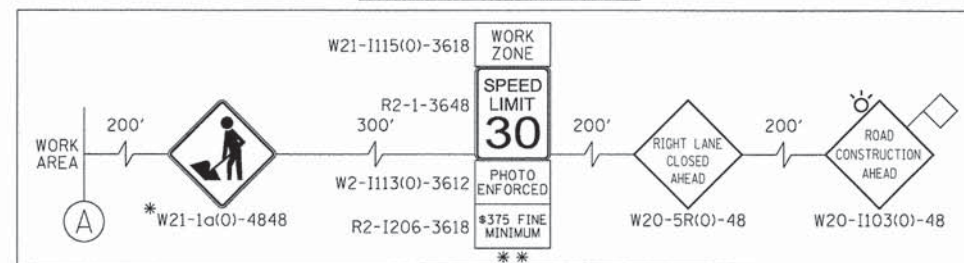
- WORK ZONE
- STAGE 1&2 PCC PAVEMENT
- PROPOSED STAGE 3 PCC PAVEMENT
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURNING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII

NOTES:

FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.

TEMPORARY TRAFFIC SIGNALS ARE TO BE INSTALLED ON IL ROUTE 120 AT IL ROUTE 31 (RICHMOND RD.) AND AT NORTH GREEN STREET. SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

ADVANCED SIGNING DETAIL



- * SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
- ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: HRGreen.com
 DATE PLOTTED: 08/06/11 2:30:01 PM
 FILE NAME: 080611-mo13-02.dgn
 PLOT DRIVER: pdfLah
 PEN TABLE: standard-trans.tbl



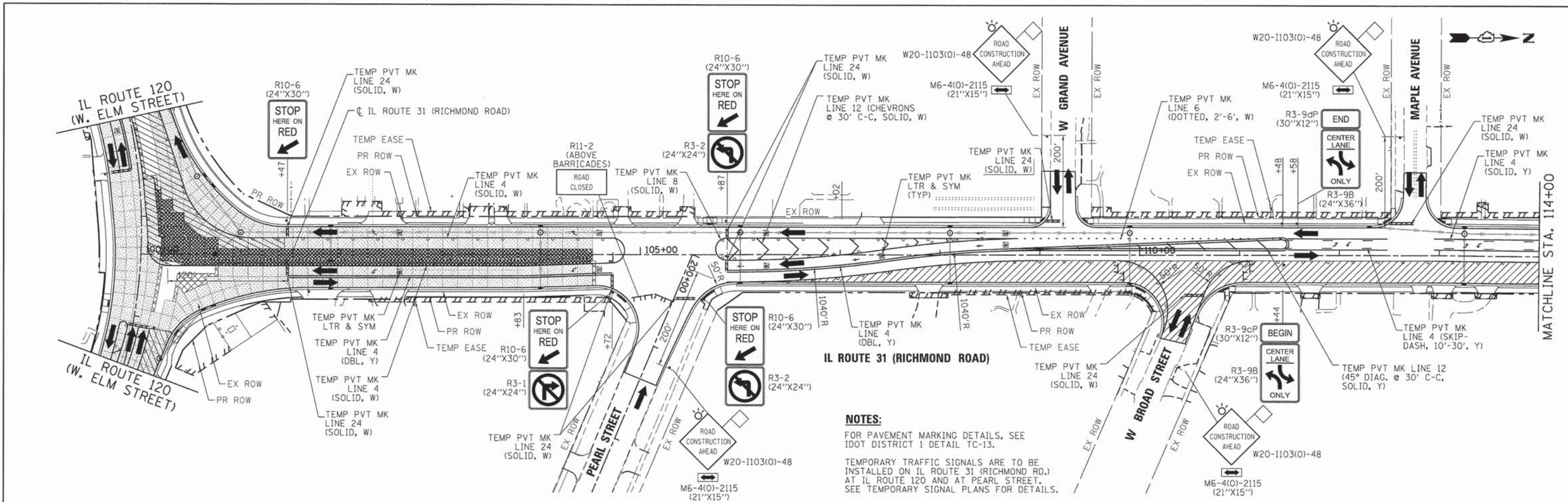
USER NAME = jmelhu	DESIGNED - JRM	REVISED -
PLOT SCALE = 1" = 50'	DRAWN - JPA	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

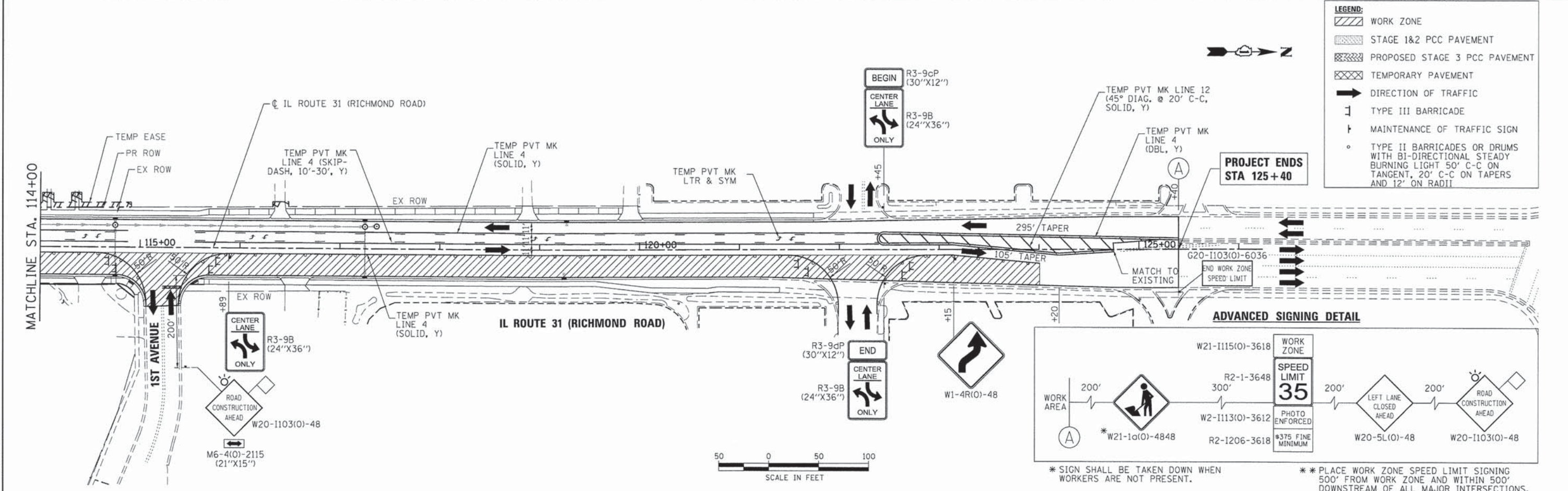
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
ILLINOIS ROUTE 31/20**

SCALE: 1" = 50' SHEET NO. 13 OF 21 SHEETS STA. 23+00 TO STA. 38+00

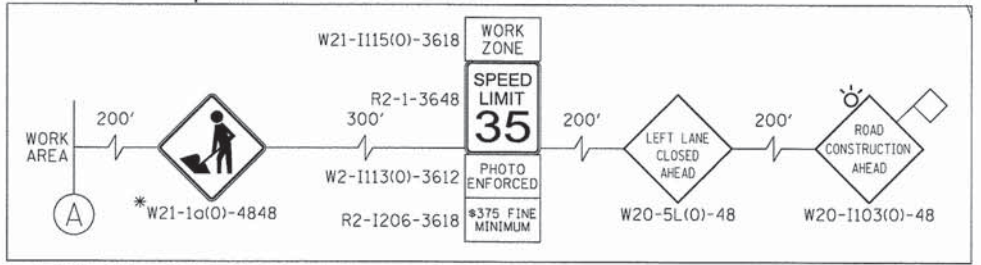
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	31
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



NOTES:
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 TEMPORARY TRAFFIC SIGNALS ARE TO BE INSTALLED ON IL ROUTE 31 (RICHMOND RD.) AT IL ROUTE 120 AND AT PEARL STREET. SEE TEMPORARY SIGNAL PLANS FOR DETAILS.



- LEGEND:**
- WORK ZONE
 - STAGE 1&2 PCC PAVEMENT
 - PROPOSED STAGE 3 PCC PAVEMENT
 - TEMPORARY PAVEMENT
 - DIRECTION OF TRAFFIC
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGN
 - TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURNING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII



* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
 DATE PLOTTED: 2/20/24 PM
 FILE NAME: 080611-mo13-03.dgn
 PLOT DRIVER: pcf.dpl
 PLOT TABLE: s:\road\dr\tronsa.tbl



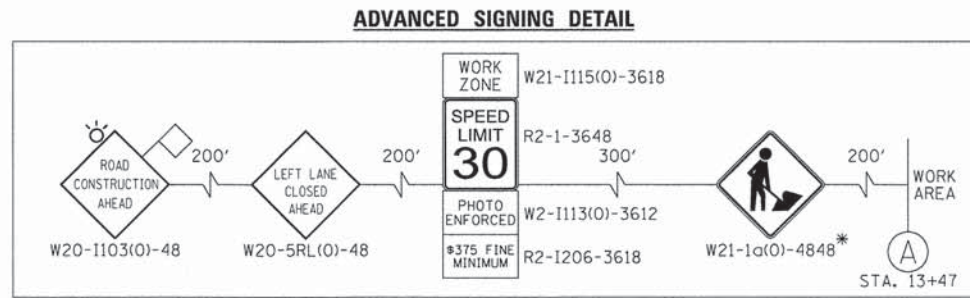
USER NAME = jmelhus	DESIGNED - JRM	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
 ILLINOIS ROUTE 31/120
 SCALE: 1" = 50' SHEET NO. 14 OF 21 SHEETS STA. 100+00 TO STA. 129+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	32
•	FAP 333, FAP 336, FAU 81	MCHENRY		

CONTRACT NO. 63750
 ILLINOIS FED. AID PROJECT



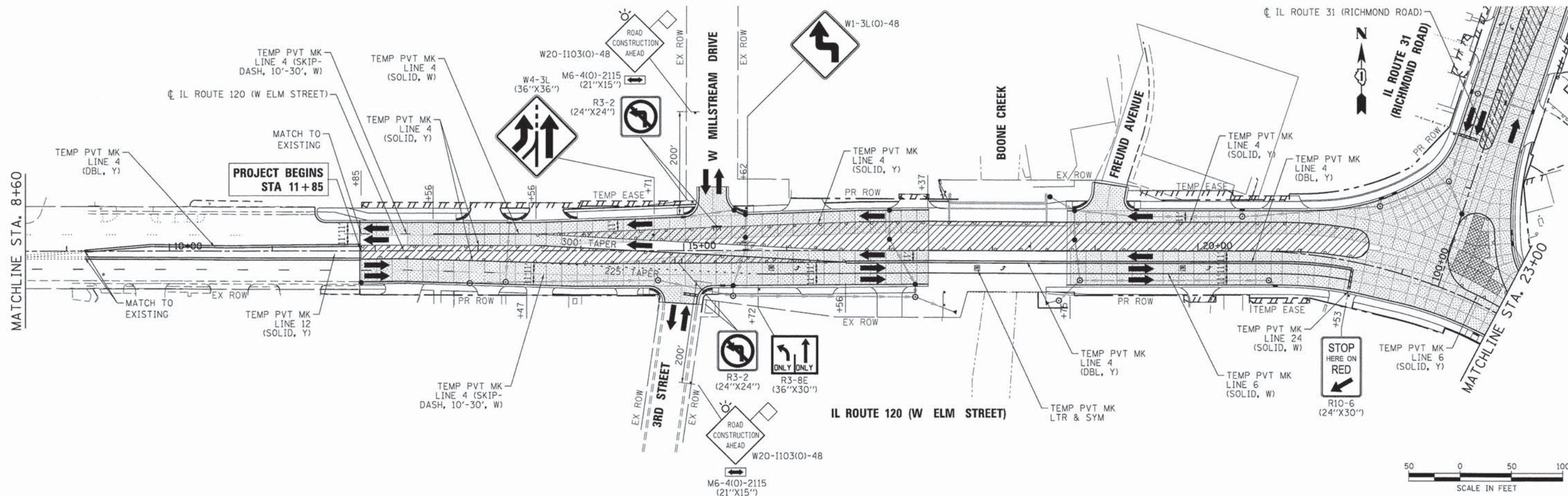
* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.

* PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

NOTES:
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT IL 120 AT IL 31 (RICHMOND RD.). SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

LEGEND:

- WORK ZONE
- STAGE 1,2&3 PCC PAVEMENT
- PROPOSED STAGE 4 PCC PAVEMENT
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURNING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jmelhui
 CLIENT: HRGreen.com
 DATE PLOTTED: 2/23/2016 PM
 FILE NAME: 090611-mof4-01.dgn
 PLOT DRIVER: pdfLsp
 PEN TABLE: sfontcolor-trans.tbl

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

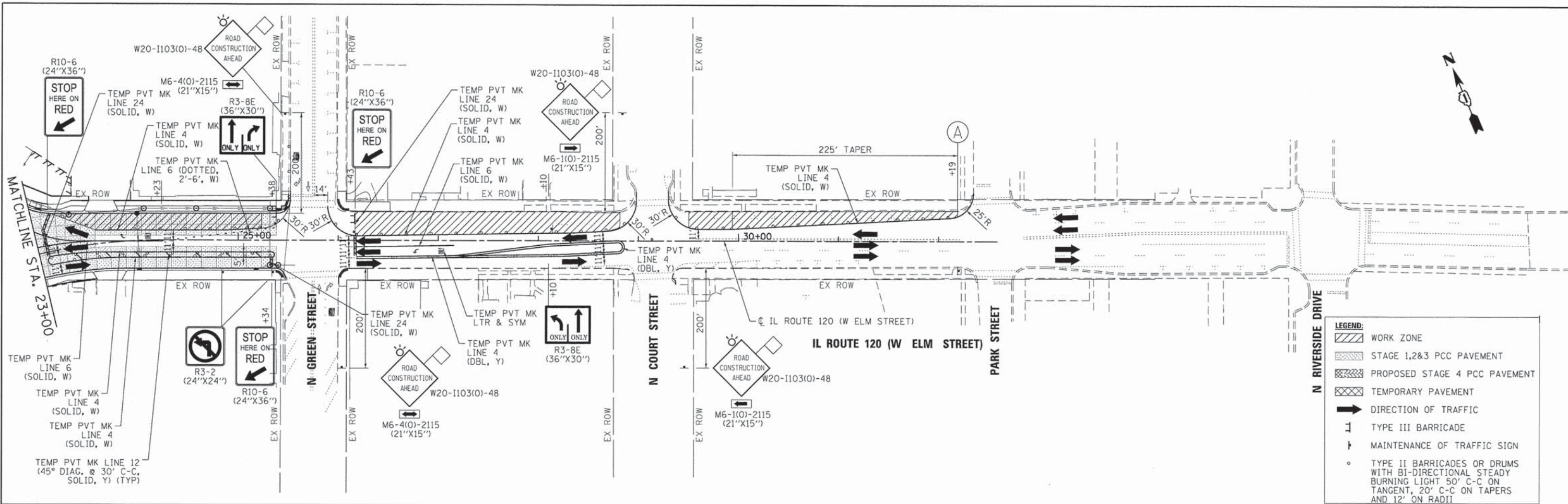
USER NAME = jmelhui	DESIGNED - JRM	REVISED -
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PLOT DATE = .DATE1.	CHECKED - TH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 4
 ILLINOIS ROUTE 31/120**

SCALE: 1" = 50' SHEET NO. 15 OF 21 SHEETS STA. 8+60 TO STA. 23+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
333, 336, FAU 81	05-00067-00-CH	MCHENRY	226	33
CONTRACT NO. 63750			ILLINOIS FED. AID PROJECT	



LEGEND:

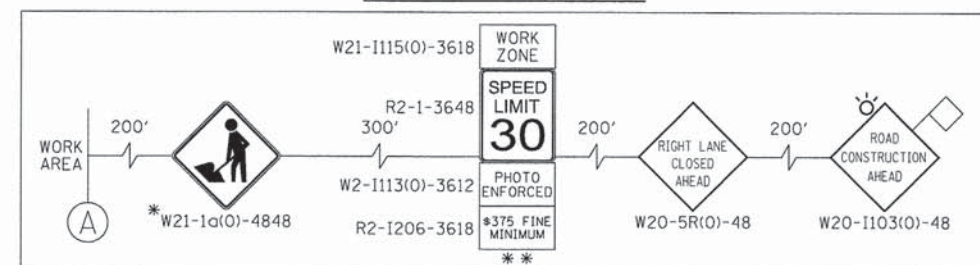
- WORK ZONE
- STAGE 1,2&3 PCC PAVEMENT
- PROPOSED STAGE 4 PCC PAVEMENT
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURNING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII

NOTES:

FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.

TEMPORARY TRAFFIC SIGNALS ARE TO BE INSTALLED ON IL ROUTE 120 AT IL ROUTE 31 (RICHMOND RD.) AND AT NORTH GREEN STREET. SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

ADVANCED SIGNING DETAIL



* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.

** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: J. J. R. (312) 230-6456 PM
 CLIENT: HRGreen.com
 DATE: 08/26/2014
 FILE PLOTTED: 08/26/2014 11:00 AM
 PLOT USER: J. J. R.
 PEN TABLE: Standard Trans. 14

HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

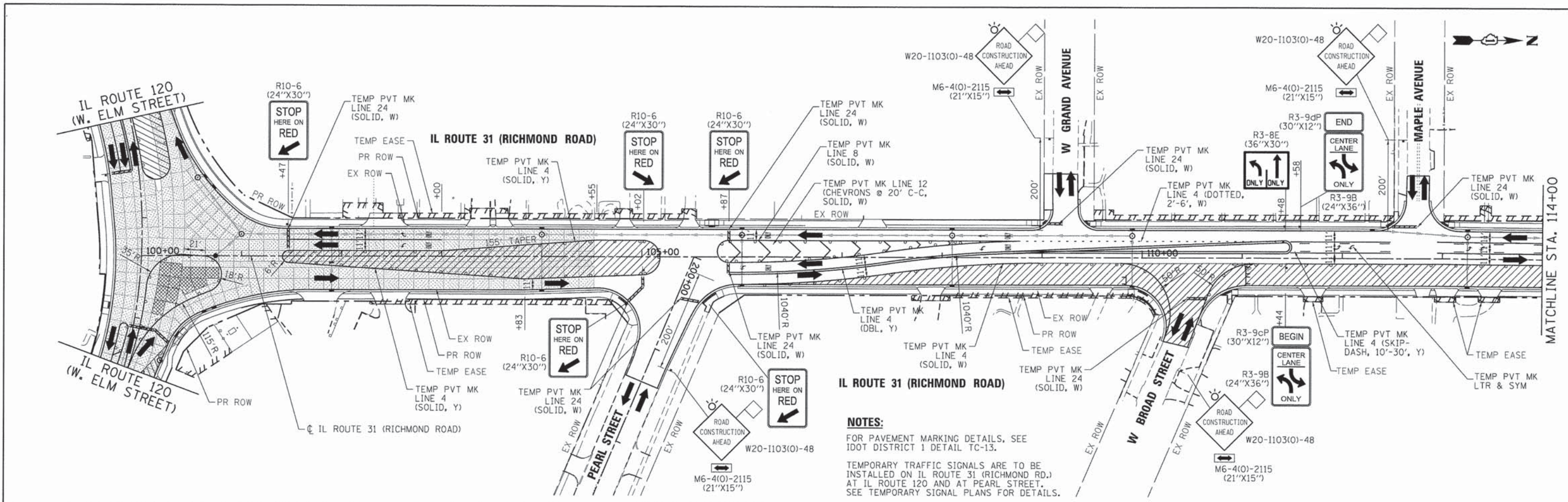
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

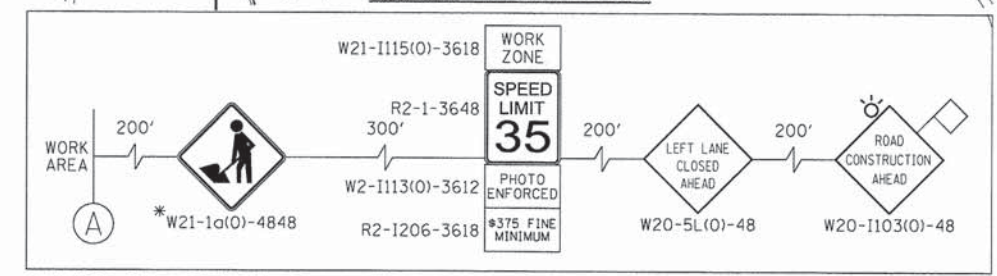
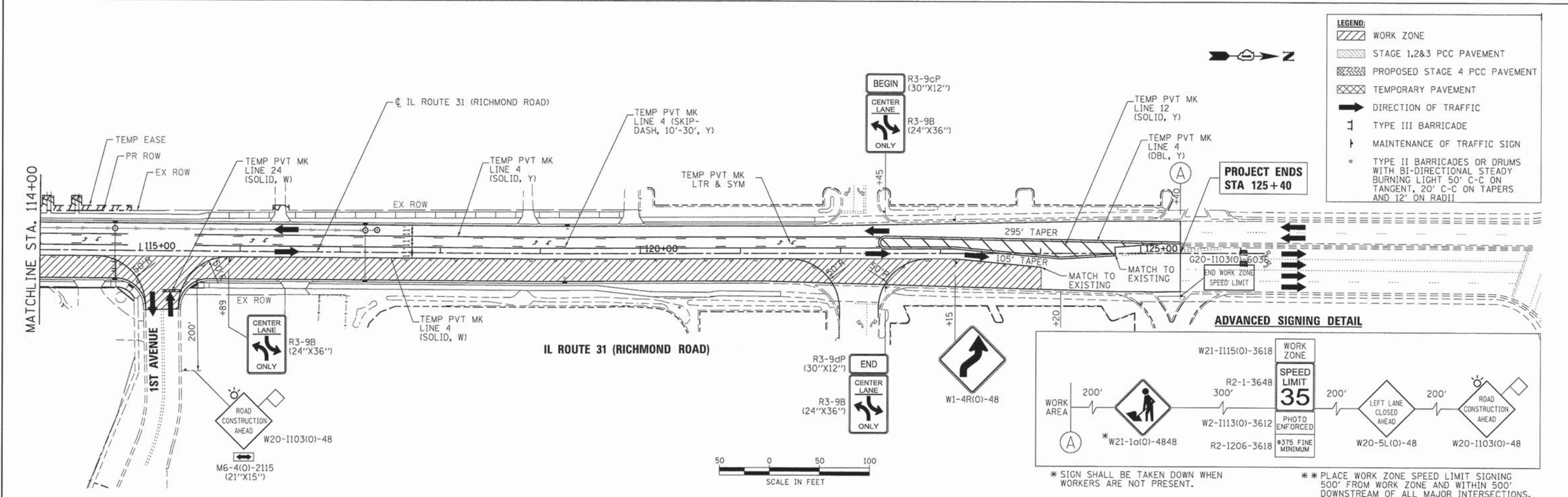
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 4
 ILLINOIS ROUTE 31/120**

SCALE: 1" = 50' SHEET NO. 16 OF 21 SHEETS STA. 23+00 TO STA. 38+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	34
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



NOTES:
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 TEMPORARY TRAFFIC SIGNALS ARE TO BE INSTALLED ON IL ROUTE 31 (RICHMOND RD.) AT IL PEARL ST AND AT PEARL STREET. SEE TEMPORARY SIGNAL PLANS FOR DETAILS.



* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

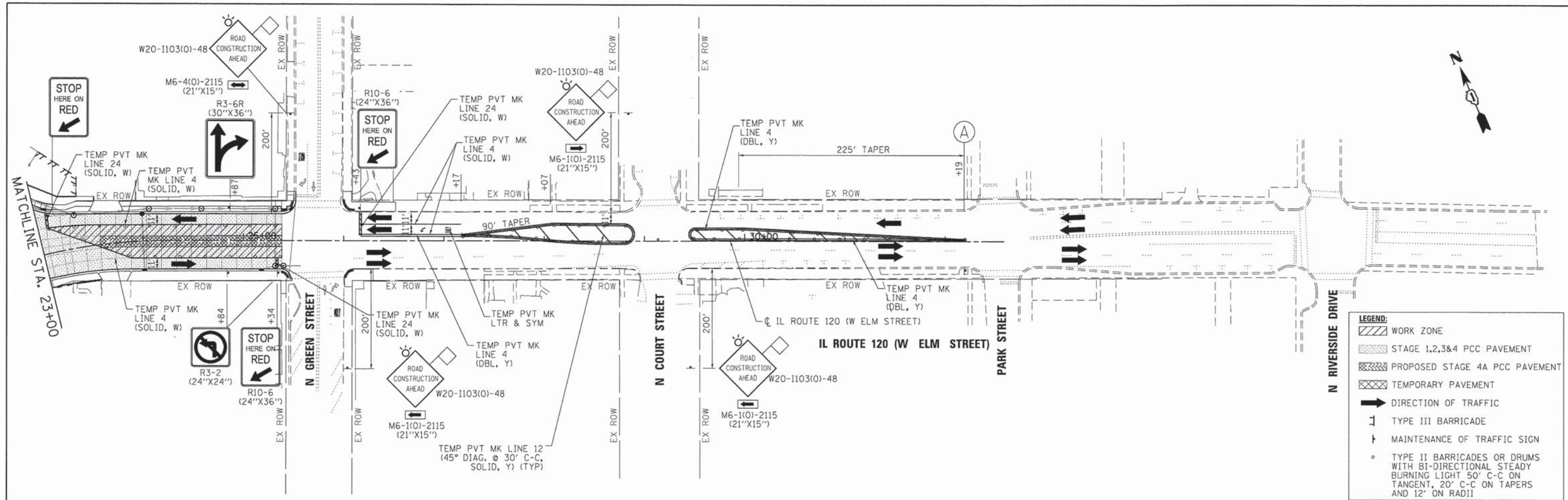
COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jme1hu1
 CLIENT: HRGreen
 DATE PLOTTED: 2/20/25 PM
 FILE NAME: 080611-mat4-01.dgn
 PLOT DRIVER: peflop
 PEN TABLE: standard-trans.tbl

HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = jme1hu1	DESIGNED - JRM	REVISED -
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	PLOT DATE = .DATE1.	CHECKED - TH	REVISED -
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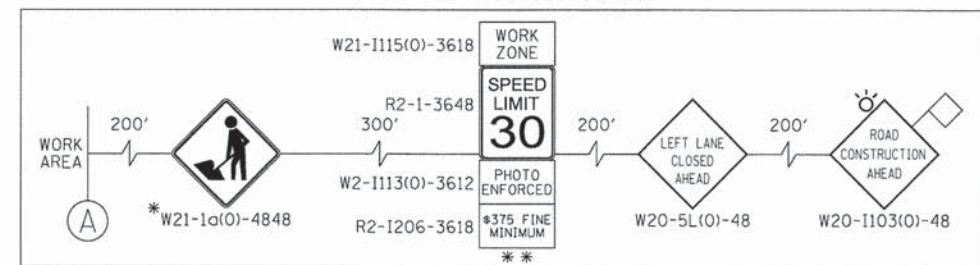
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 4
ILLINOIS ROUTE 31/120
 SCALE: 1" = 50' SHEET NO. 17 OF 21 SHEETS STA. 100+00 TO STA. 129+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	22	35
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



ADVANCED SIGNING DETAIL



* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 DATE: 2/21/19 PM
 DATE PLOTTED: 2/21/19 PM
 PLOT SCALE: 1" = 50'
 PLOT DATE: .DATEL.
 PLOT ORIGIN: 0000,1000,1000,1000
 PEN TABLE: Standard Trans, 10

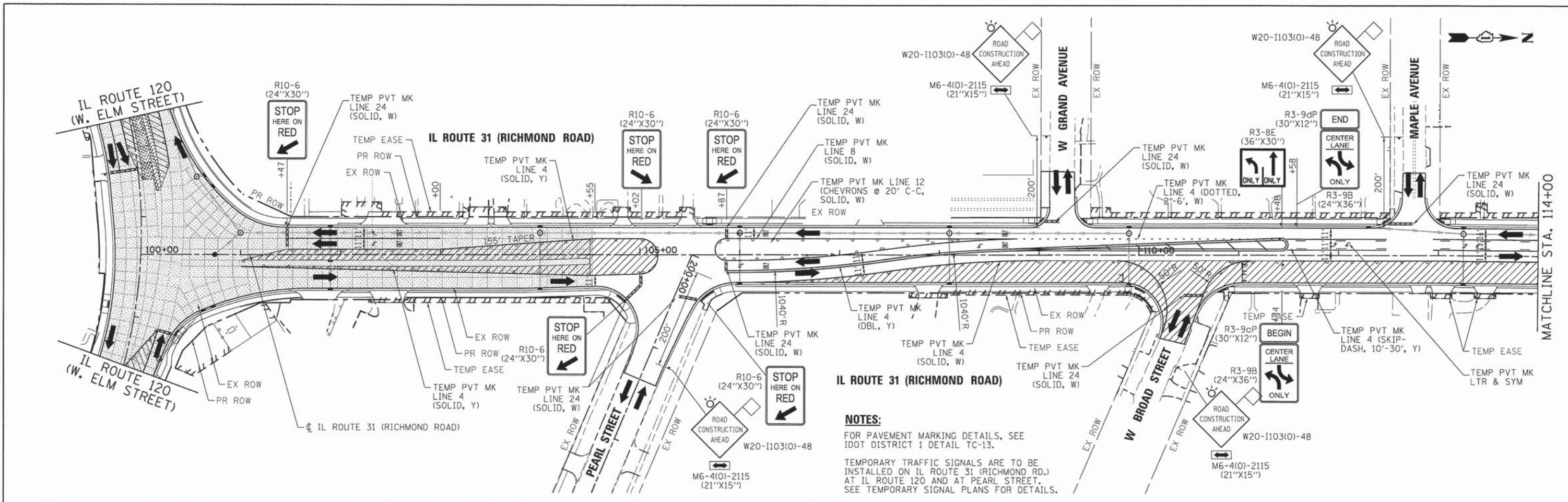


USER NAME = jmelhus	DESIGNED - JRM	REVISED -
DRAWN - JPA	REVISOR -	
CHECKED - TH	REVISOR -	
DATE -	REVISOR -	

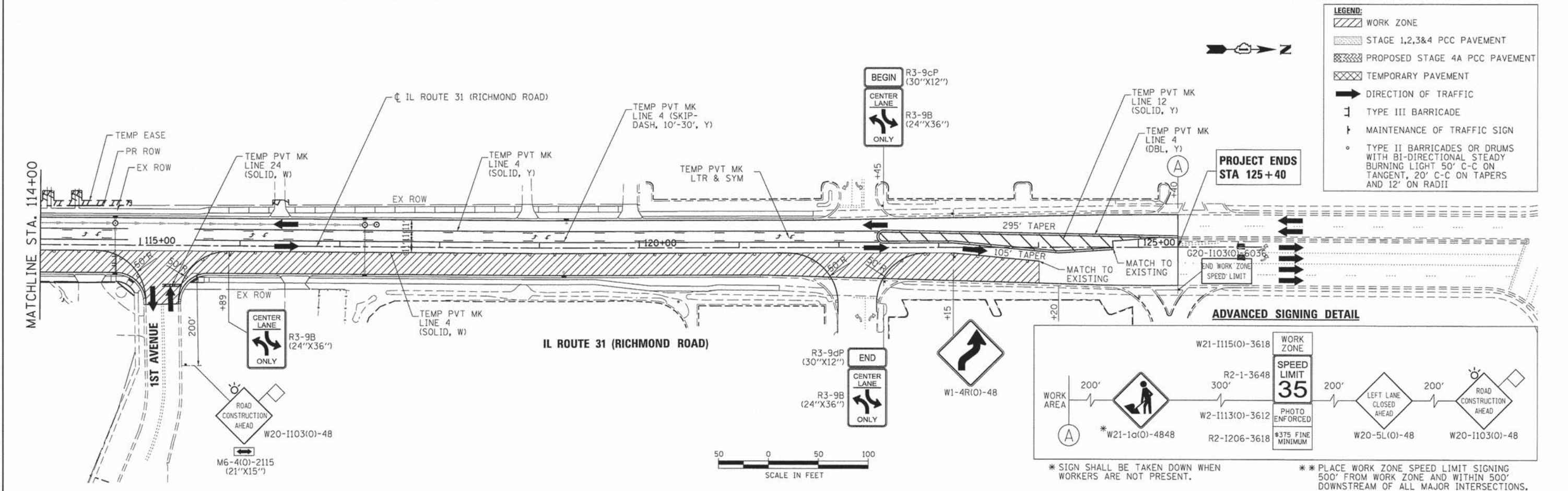
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 4A
 ILLINOIS ROUTE 31/120**
 SCALE: 1" = 50' SHEET NO. 19 OF 21 SHEETS STA. 23+00 TO STA. 38+00

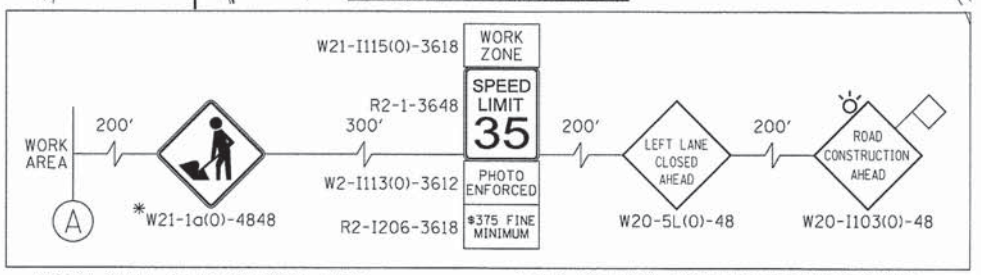
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	37
• FAP 333, FAP 336, FAU 81				CONTRACT NO. 63750
ILLINOIS FED. AID PROJECT				



NOTES:
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 TEMPORARY TRAFFIC SIGNALS ARE TO BE INSTALLED ON IL ROUTE 31 (RICHMOND RD.) AT IL ROUTE 120 AND AT PEARL STREET. SEE TEMPORARY SIGNAL PLANS FOR DETAILS.



- LEGEND:**
- WORK ZONE
 - STAGE 1,2,3&4 PCC PAVEMENT
 - PROPOSED STAGE 4A PCC PAVEMENT
 - TEMPORARY PAVEMENT
 - DIRECTION OF TRAFFIC
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGN
 - TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURNING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII



* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT.
 ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm #194-001322
 DATE PLOTTED: 2/21/20 PM
 FILE NAME: 080611-mo146-03.dgn
 PLOT DRIVER: pdf.caf
 PEN TABLE: s1fontand-frens.tbl



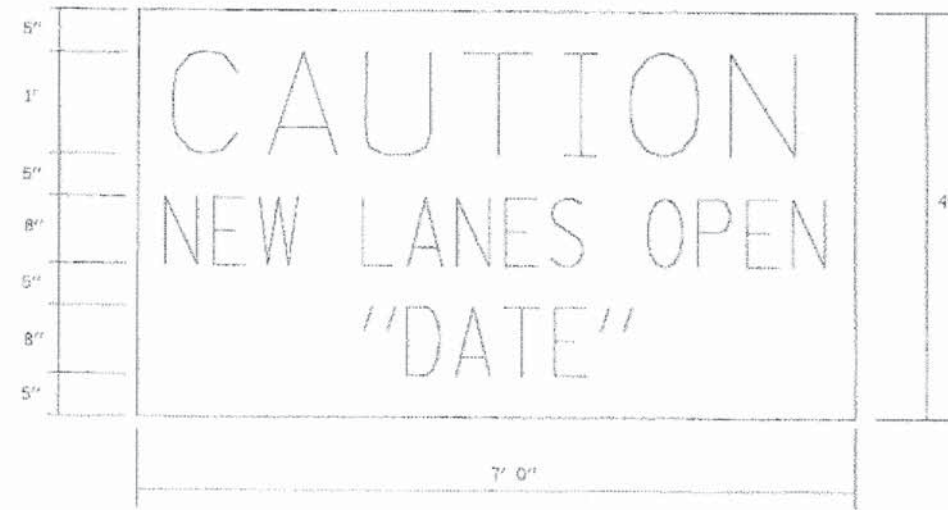
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PLOT DATE = .DATE1.	CHECKED - TH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

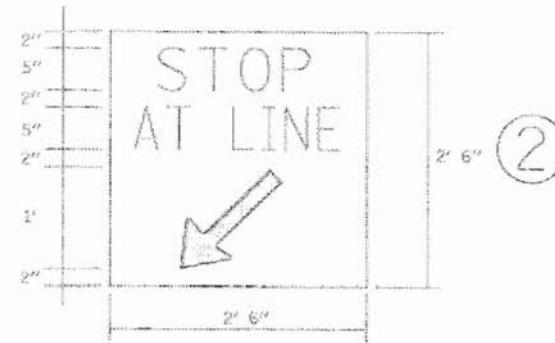
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 4A
 ILLINOIS ROUTE 31/20**
 SCALE: 1" = 50' SHEET NO. 20 OF 21 SHEETS STA. 100+00 TO STA. 129+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	38
•	FAP 333, FAP 336, FAU 81	MCHENRY	CONTRACT NO. 63750	

ILLINOIS FED. AID PROJECT



AT ENDS OF PROJECT



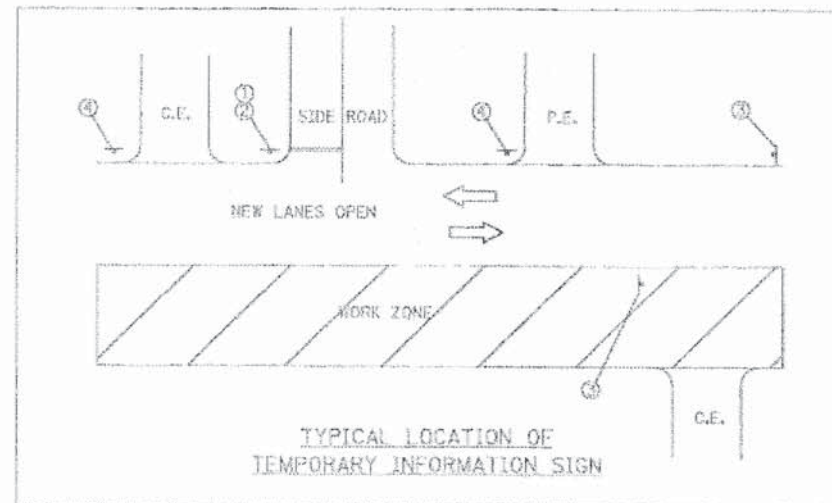
AT SIDE ROADS
(MOUNTED SEPARATELY)

NOTE:
ABOVE SIGNS SHALL BE BLACK ON ORANGE
REFLECTIVE BACKGROUND



AT ENTRANCES

NOTE:
ABOVE SIGNS SHALL BE BLACK ON ORANGE
REFLECTIVE BACKGROUND



TYPICAL LOCATION OF
TEMPORARY INFORMATION SIGN

COMPANY NAME: HRGreen.com
PROJECT CONTACT: Illinois Professional Design Firm
CLIENT: #184-001322
DATE PLOTTED: .DATEI.
FILE NAME: 090511-motgr-10.dgn
PLOT DRIVER: pdfLplf
PEN TABLE: \$fontdir-fonts.tbl



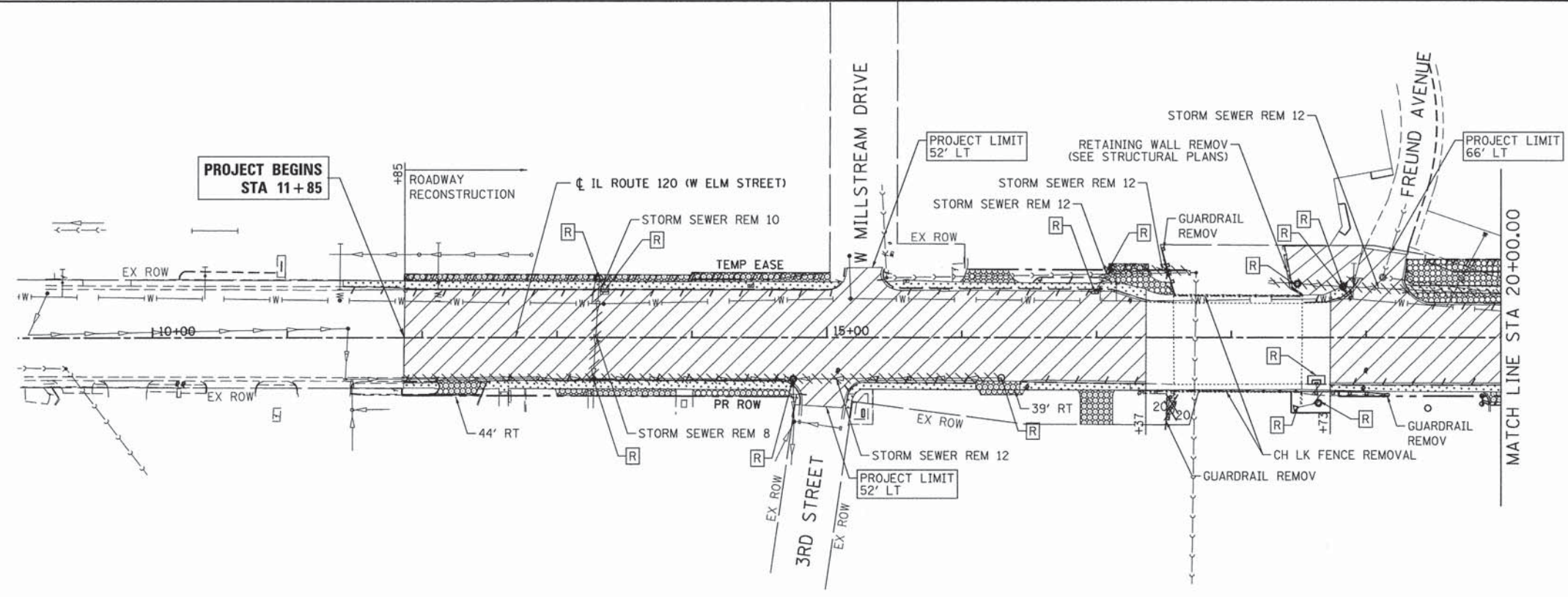
USER NAME = jmelhut	DESIGNED - JRM	REVISED -
PLOT SCALE = 1" = 50'	DRAWN - JPA	REVISED -
PLOT DATE = .DATEI.	CHECKED - TH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGN DETAILS
ILLINOIS ROUTE 31/120

SCALE: 1" = 50' SHEET NO. 21 OF 21 SHEETS STA. 100+00 TO STA. 129+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	39
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

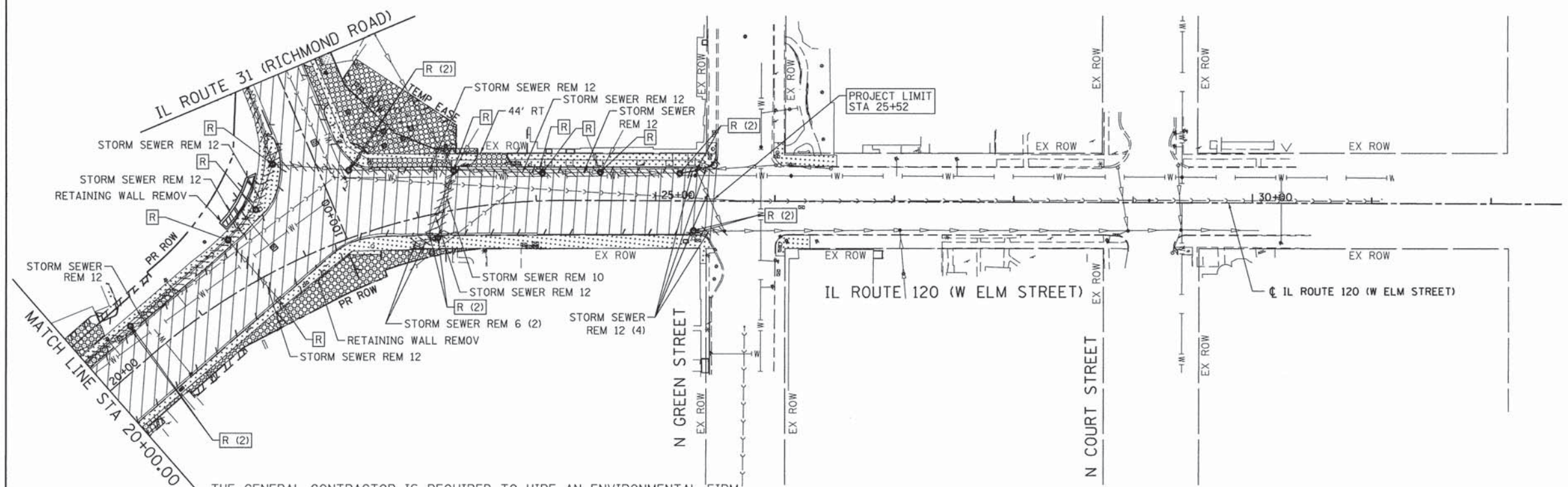


LEGEND:

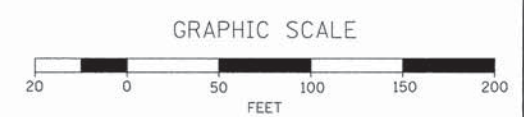
	PAVEMENT REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL 4"
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	COMBINATION CURB AND GUTTER REMOVAL
	TREE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	SIDWALK REMOVAL
	AGGREGATE DRIVEWAY REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)
	STORM SEWER REMOVAL

NOTES:
FUEL PUMPS TO BE REMOVED BY OTHERS.

IL ROUTE 120 (W ELM STREET)



THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAVE FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
DATE PLOTTED: 08/06/11 10:04 AM
FILE NAME: 080611-rm-01.dgn
PLOT DRIVER: pdfplot
PEN TABLE: etransport-trans.tbl



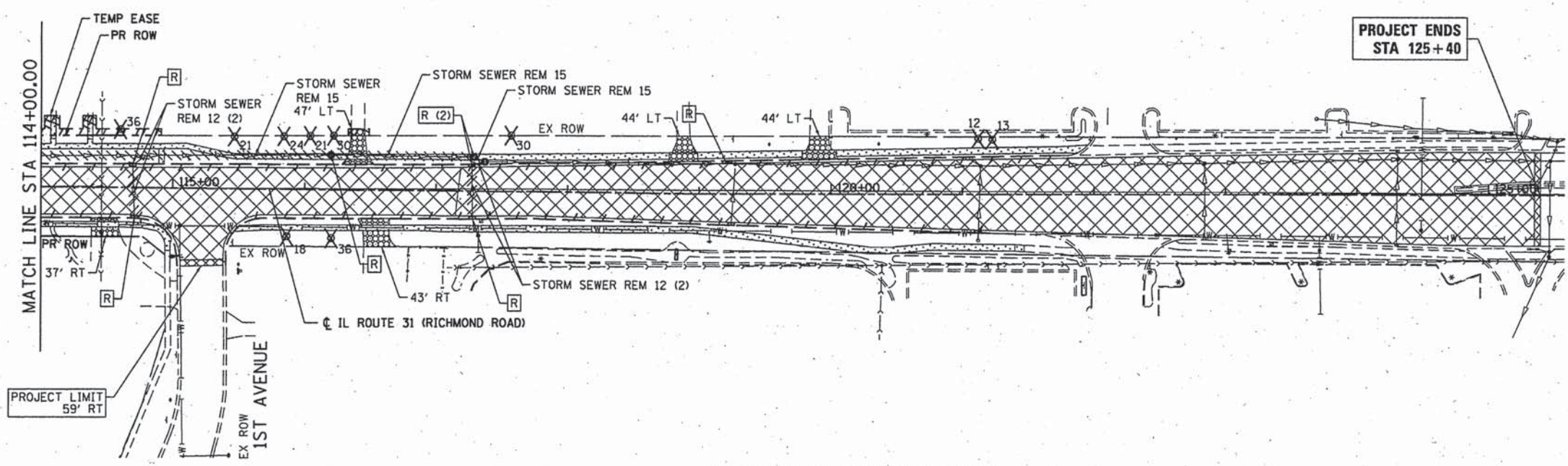
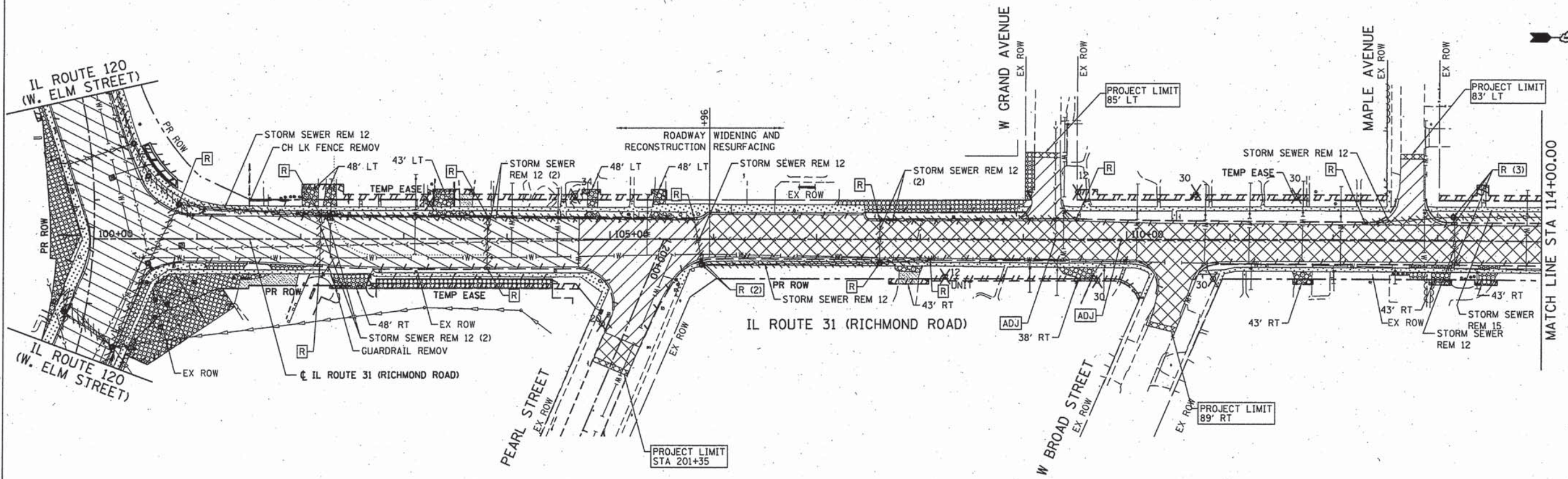
USER NAME = jma1hus	DESIGNED - JRM	REVISED -
DRAWN - SMP	REVISIONS	
CHECKED - TH	REVISIONS	
DATE - .DATEL	REVISIONS	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
ILLINOIS ROUTE 120**

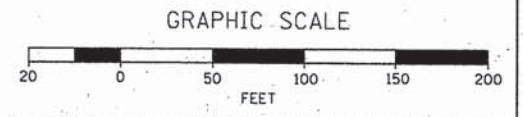
SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. 11+87 TO STA. 25+52

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	40
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



LEGEND:

- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL 4"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- COMBINATION CURB AND GUTTER REMOVAL
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- AGGREGATE DRIVEWAY REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)
- STORM SEWER REMOVAL



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
 DATE PLOTTED: 8/7/2013 4:03:52 PM
 FILE NAME: 080611-rm-02.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trim.tbl



USER NAME = jmelhus	DESIGNED - JRM	REVISED -
DRAWN - SMP	CHECKED - TH	DATE - 8/7/13
PLOT SCALE = 1" = 50'		
PLOT DATE = 8/7/2013		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

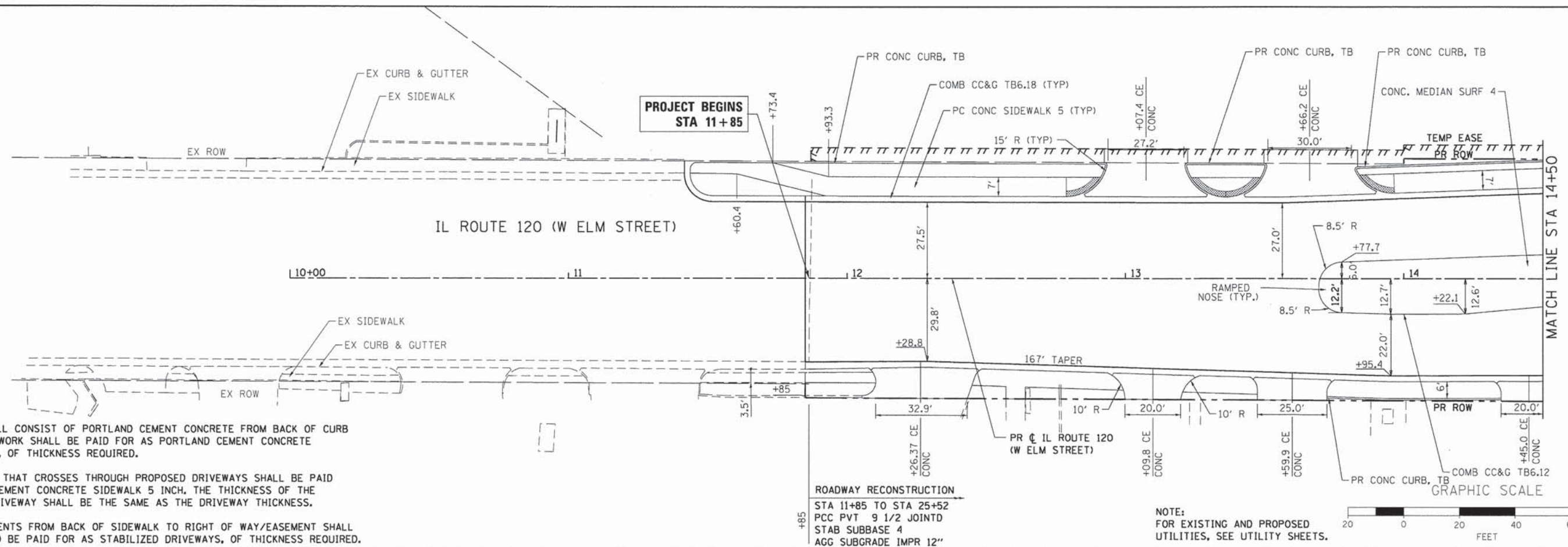
REMOVAL PLAN
 ILLINOIS ROUTE 31
 SCALE: 1" = 50' SHEET NO. 2 OF 2 SHEETS STA. 100+00 TO STA. 125+40

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	41
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	
	NOTED	
	BY	
	NO.	

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: JPA
 CLIENT: HRGreen.com
 DATE PLOTTED: 2/22/25 PM
 FILE NAME: 080611-ppp-01.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: s:\render\frans.tbl



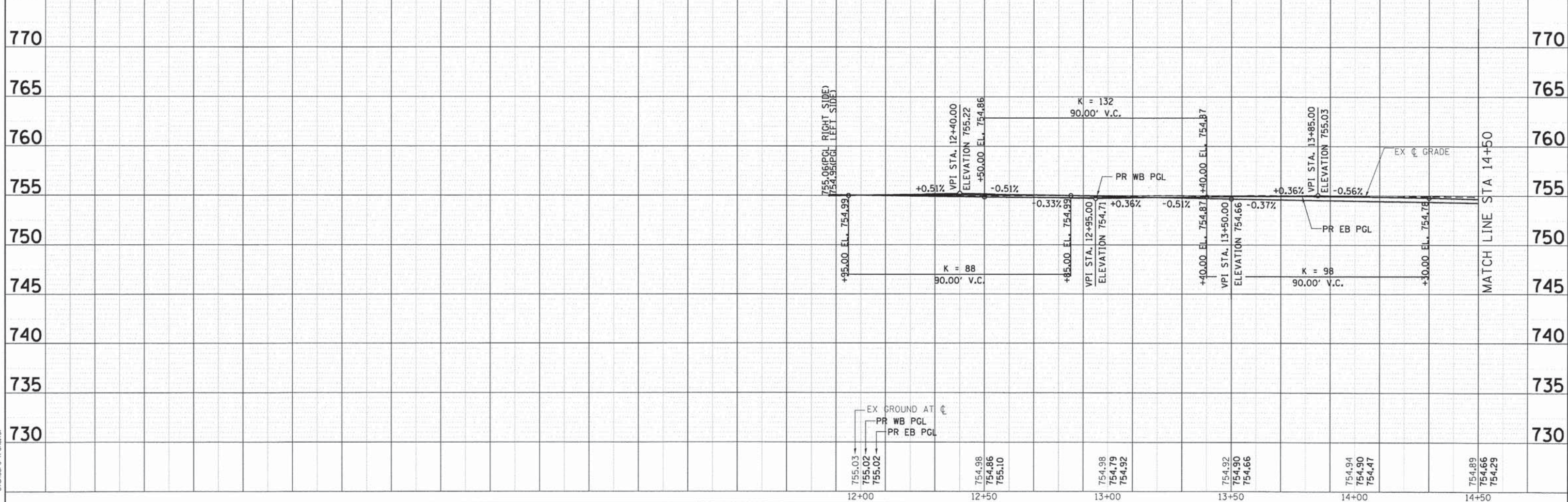
NOTE:
 ALL DRIVEWAYS SHALL CONSIST OF PORTLAND CEMENT CONCRETE FROM BACK OF CURB TO SIDEWALK. THIS WORK SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, OF THICKNESS REQUIRED.

PROPOSED SIDEWALK THAT CROSSES THROUGH PROPOSED DRIVEWAYS SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH. THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY SHALL BE THE SAME AS THE DRIVEWAY THICKNESS.

DRIVEWAY REPLACEMENTS FROM BACK OF SIDEWALK TO RIGHT OF WAY/EASEMENT SHALL MATCH EXISTING AND BE PAID FOR AS STABILIZED DRIVEWAYS, OF THICKNESS REQUIRED.

ROADWAY RECONSTRUCTION
 STA 11+85 TO STA 25+52
 PCC PVT 9 1/2 JOINTD
 STAB SUBBASE 4
 AGG SUBGRADE 1MPR 12"

NOTE:
 FOR EXISTING AND PROPOSED UTILITIES, SEE UTILITY SHEETS.

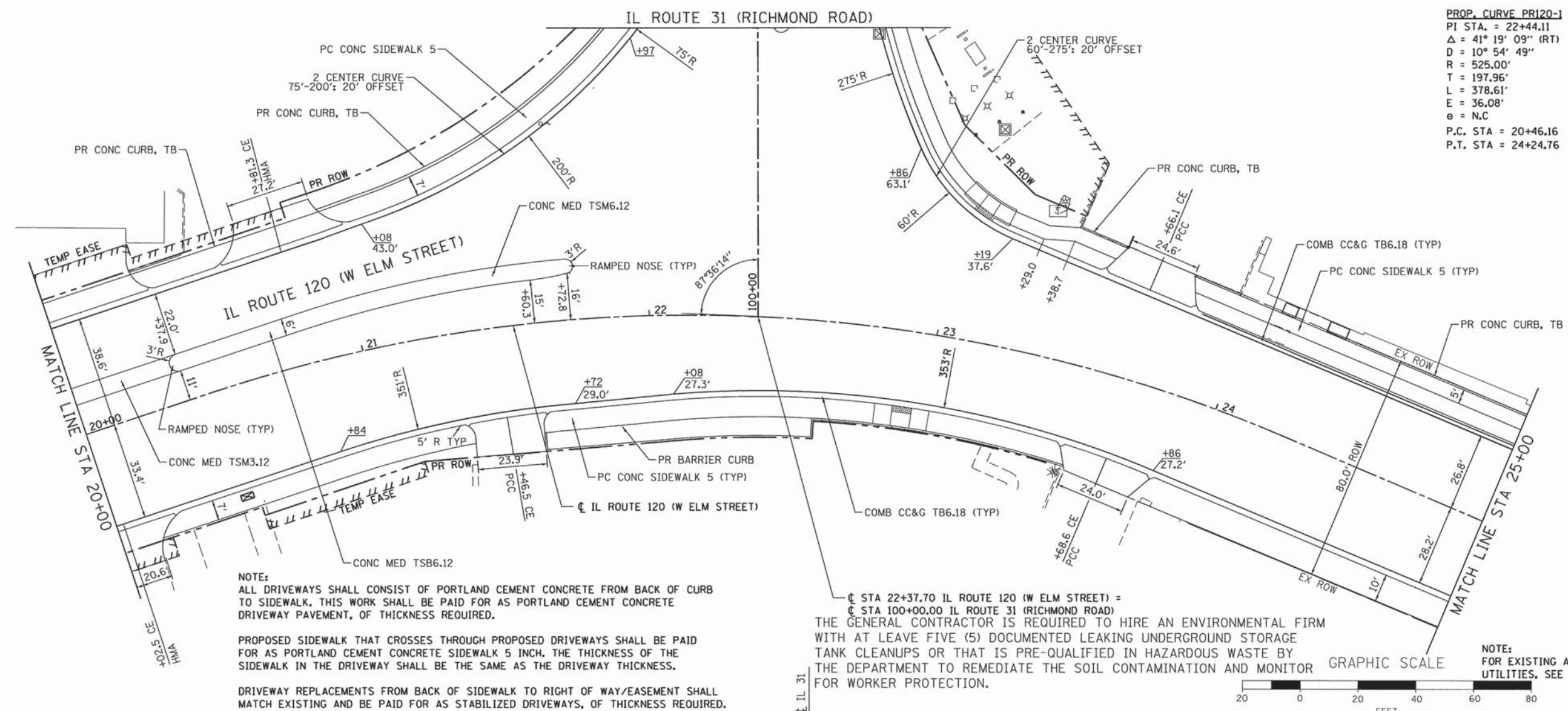


USER NAME = jme1hu1	DESIGNED - JRM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE ILLINOIS ROUTE 120		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME = 080611-ppp-01.dgn	DRAWN - JPA	REVISED -				05-00067-00-CH	MCHENRY	226	42	
PLOT SCALE = 1" = 20'	CHECKED - TH	REVISED -				FAP 333, FAP 336, FAU 81	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63750		
PLOT DATE = .DATE1.	DATE -	REVISED -								

PLAN	SURVEYED	BY	DATE
	NOTED		
	NOTED		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	NOTED		
	NOTED		
	NO. _____		

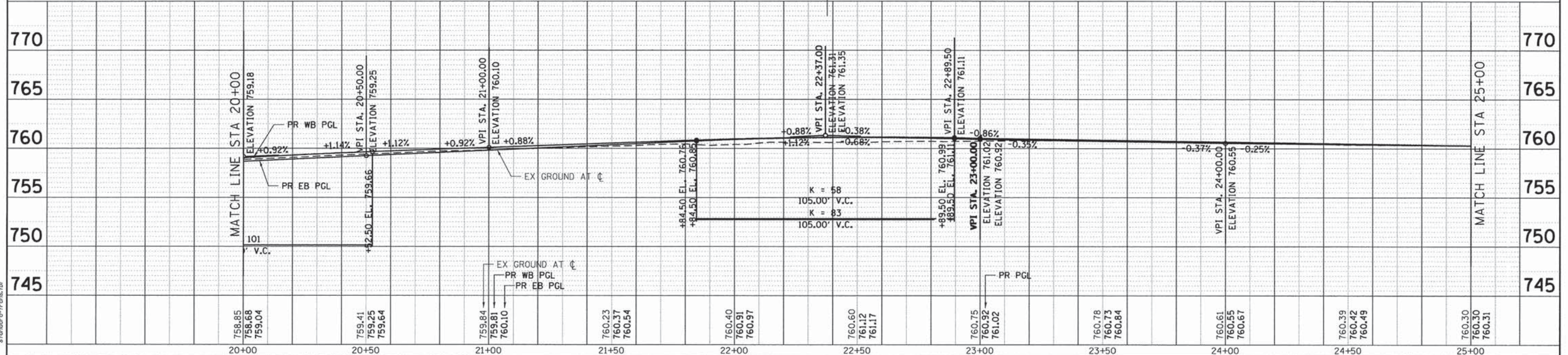
COMPANY NAME: HRGreen
 PROJECT CONTACT: JRM
 DATE PLOTTED: 08/01/11
 FILE NAME: 080611-prp-03.dgn
 PLOT DRIVER: pdr.plt
 PEN TABLE: standard-trans.tbl



PROP. CURVE PR120-1
 PI STA. = 22+44.11
 $\Delta = 41^\circ 19' 09''$ (RT)
 $D = 10^\circ 54' 49''$
 $R = 525.00'$
 $T = 197.96'$
 $L = 378.61'$
 $E = 36.08'$
 $e = N.C$
 P.C. STA = 20+46.16
 P.T. STA = 24+24.76

NOTE:
 ALL DRIVEWAYS SHALL CONSIST OF PORTLAND CEMENT CONCRETE FROM BACK OF CURB TO SIDEWALK. THIS WORK SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, OF THICKNESS REQUIRED.
 PROPOSED SIDEWALK THAT CROSSES THROUGH PROPOSED DRIVEWAYS SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH. THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY SHALL BE THE SAME AS THE DRIVEWAY THICKNESS.
 DRIVEWAY REPLACEMENTS FROM BACK OF SIDEWALK TO RIGHT OF WAY/EASEMENT SHALL MATCH EXISTING AND BE PAID FOR AS STABILIZED DRIVEWAYS, OF THICKNESS REQUIRED.

NOTE:
 FOR EXISTING AND PROPOSED UTILITIES, SEE UTILITY SHEETS.
 GRAPHIC SCALE
 20 0 20 40 60 80 FEET
 THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAVE FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



USER NAME = jrm FILE NAME = 080611-prp-03.dgn PLOT SCALE = 1" = 20' PLOT DATE = .DATE.	DESIGNED - JRM DRAWN - JPA CHECKED - TH DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE ILLINOIS ROUTE 120 SCALE: 1" = 20' SHEET NO. 3 OF 10 SHEETS STA. 20+00 TO STA. 25+00	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. * FAP 333, FAP 336, FAU 81 MCHENRY 22/44 ILLINOIS FED. AID PROJECT
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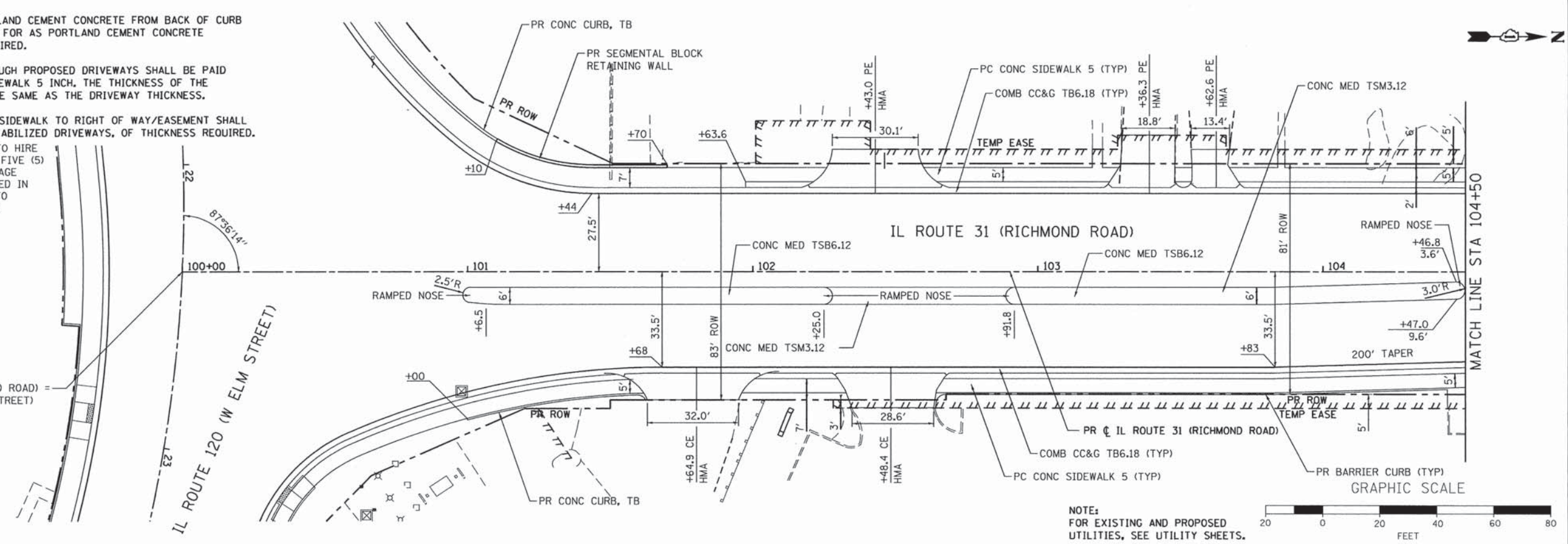
NOTE:
 ALL DRIVEWAYS SHALL CONSIST OF PORTLAND CEMENT CONCRETE FROM BACK OF CURB TO SIDEWALK. THIS WORK SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, OF THICKNESS REQUIRED.

PROPOSED SIDEWALK THAT CROSSES THROUGH PROPOSED DRIVEWAYS SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY SHALL BE THE SAME AS THE DRIVEWAY THICKNESS.

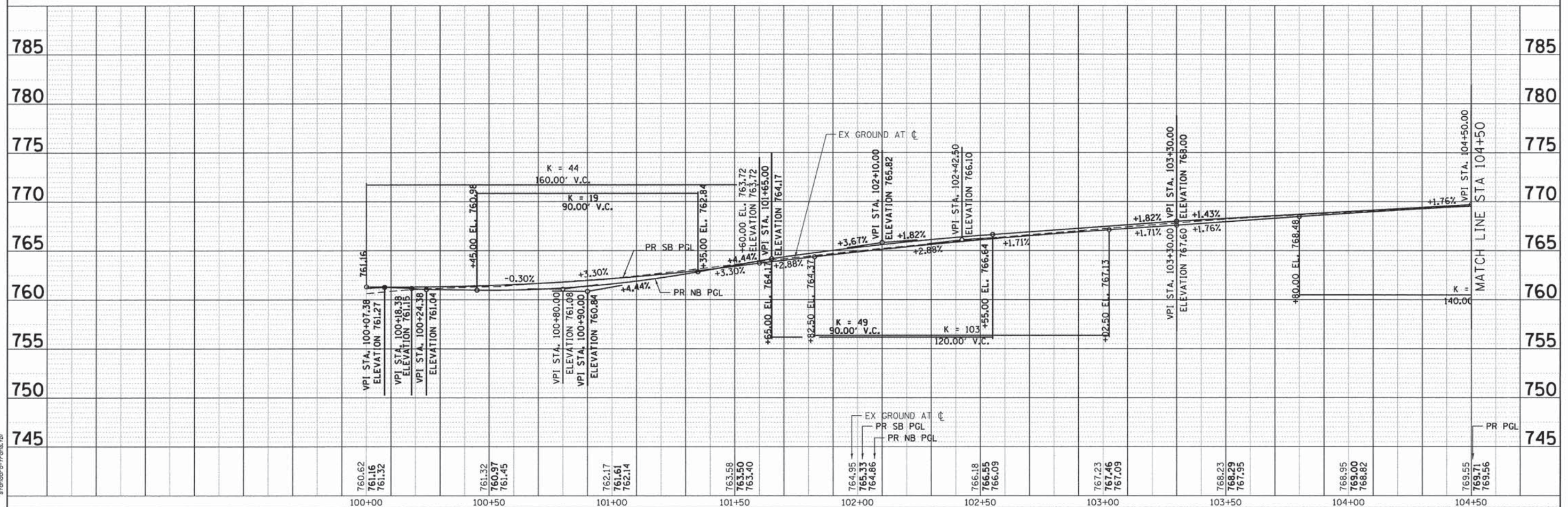
DRIVEWAY REPLACEMENTS FROM BACK OF SIDEWALK TO RIGHT OF WAY/EASEMENT SHALL MATCH EXISTING AND BE PAID FOR AS STABILIZED DRIVEWAYS, OF THICKNESS REQUIRED.

THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DATE		
	NO.		



NOTE:
 FOR EXISTING AND PROPOSED UTILITIES, SEE UTILITY SHEETS.



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DATE		
	NO.		

DATE: 9/26/01 AM
 080611-rnp-05.dgn
 plot.dwg
 etandard-frans.tbl

HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

USER NAME = jmelhus	DESIGNED - JRM	REVISED -
FILE NAME = 080611-rnp-05.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - TH	REVISED -
PLOT DATE = .DATEL	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILE
 ILLINOIS ROUTE 31**

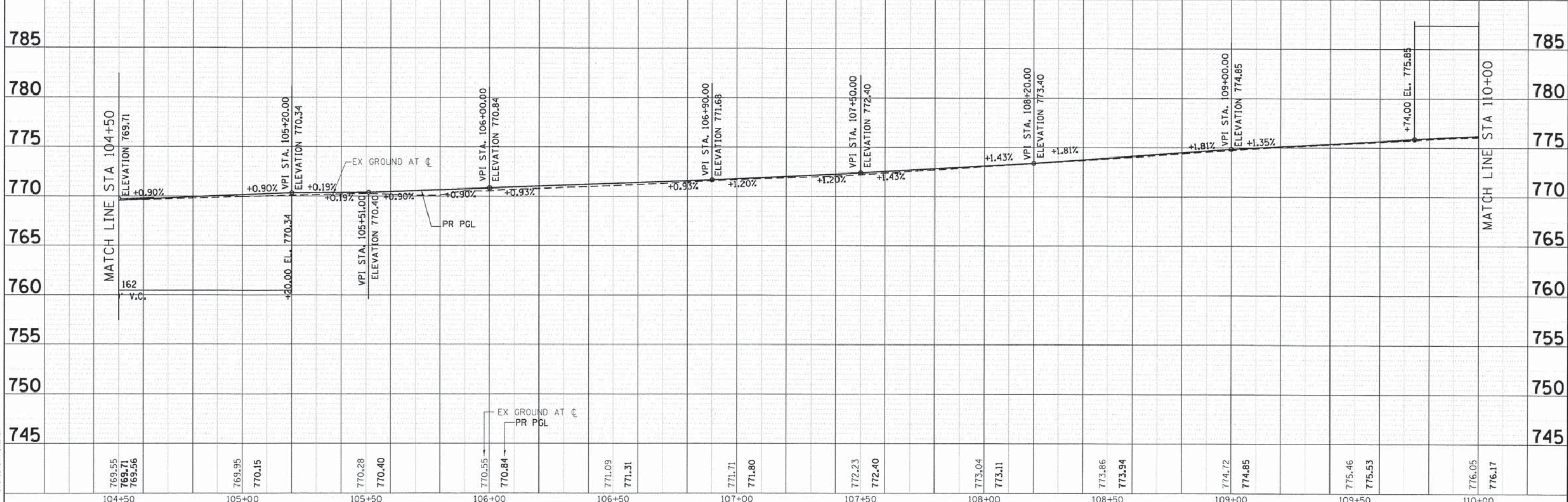
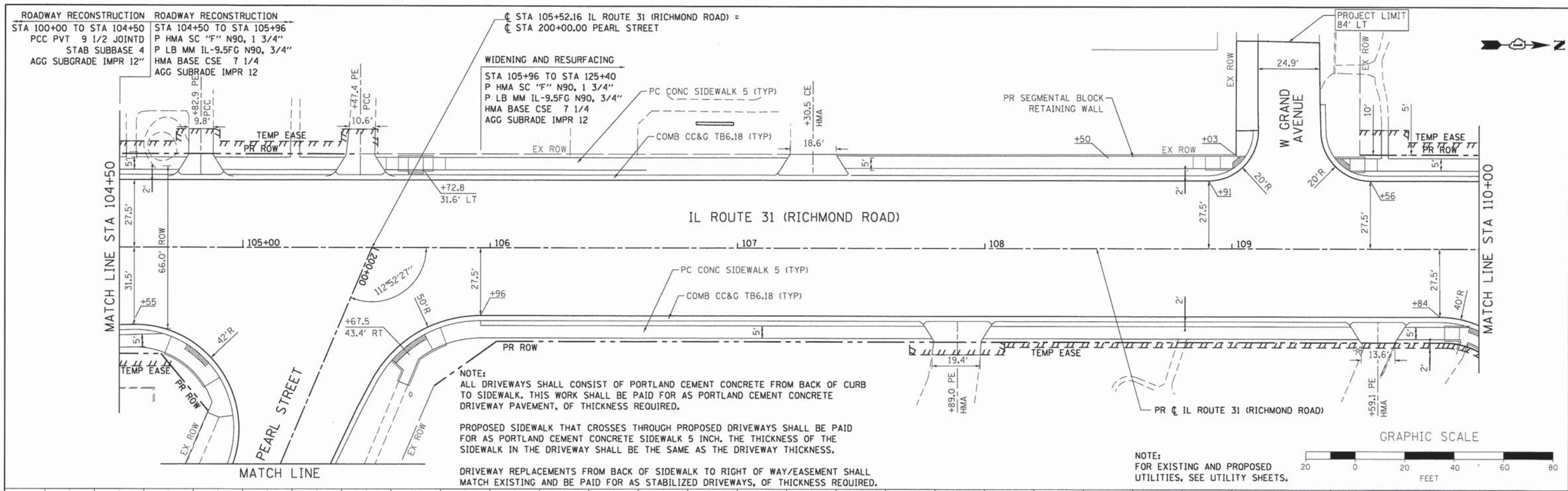
SCALE: 1" = 20' SHEET NO. 5 OF 10 SHEETS STA. 100+00 TO STA. 104+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	46
FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	ALIGNED	BY
	NOTED	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	BY
	NOTED	
	NO.	

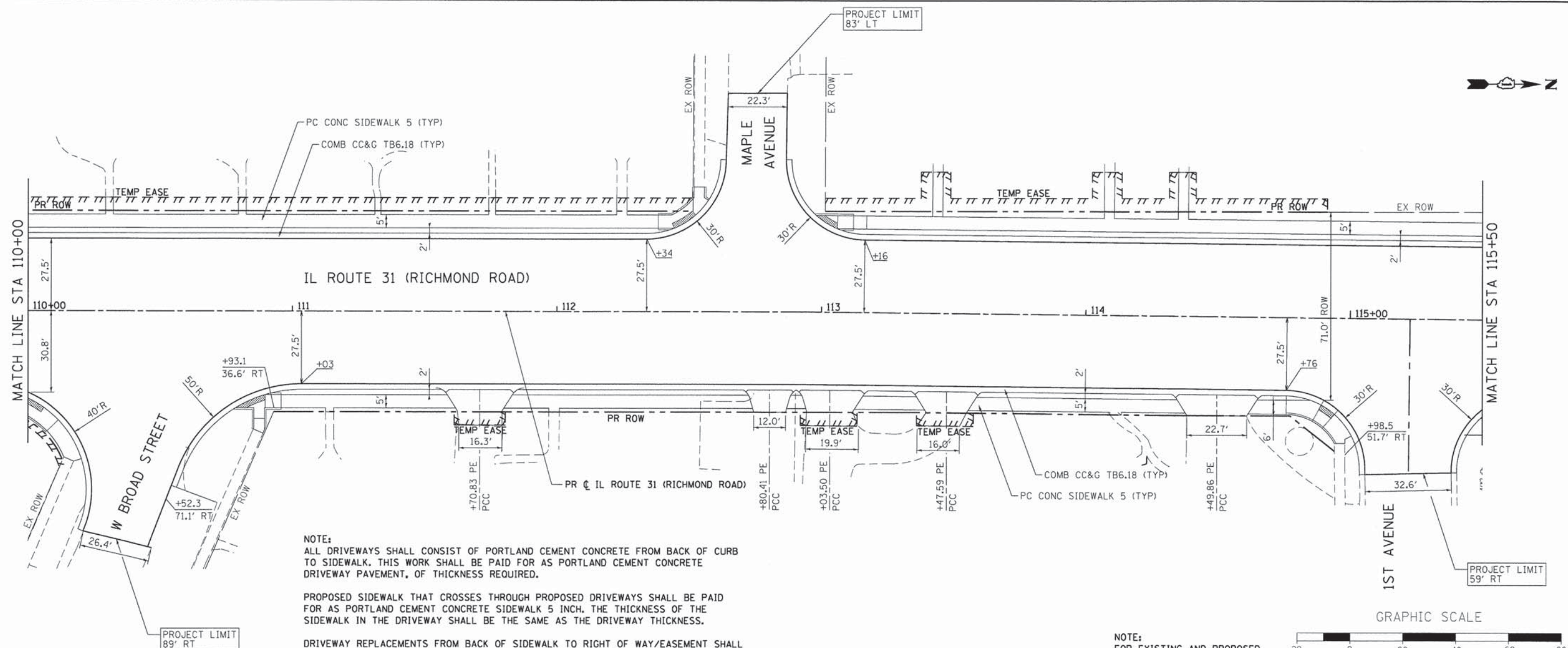
PROJECT CONTACT:
 CLIENT: HRGreen.com
 DATE PLOTTED: 2/23/24 PM
 FILE NAME: 080611-ppp-06.dgn
 PLOT DRIVER: pefLpf
 PEN TABLE: standard-tranis.tbl



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

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	E.M. NOTED		
	STRUCTURE, NOTATIONS, CRPD		

COMPANY NAME: HRGreen
 PROJECT CONTACT: JRM
 CLIENT: HRGreen
 DATE PLOTTED: 2/3/2011 PM
 FILE NAME: 080611-rpp-07.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl

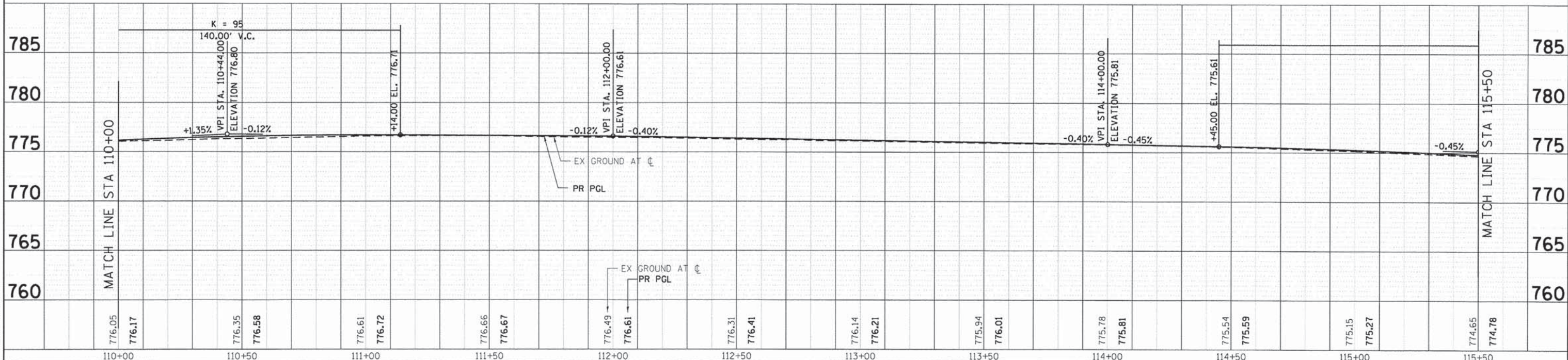
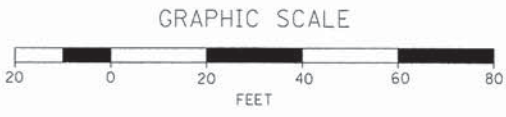


NOTE:
 ALL DRIVEWAYS SHALL CONSIST OF PORTLAND CEMENT CONCRETE FROM BACK OF CURB TO SIDEWALK. THIS WORK SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, OF THICKNESS REQUIRED.

PROPOSED SIDEWALK THAT CROSSES THROUGH PROPOSED DRIVEWAYS SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH. THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY SHALL BE THE SAME AS THE DRIVEWAY THICKNESS.

DRIVEWAY REPLACEMENTS FROM BACK OF SIDEWALK TO RIGHT OF WAY/EASEMENT SHALL MATCH EXISTING AND BE PAID FOR AS STABILIZED DRIVEWAYS, OF THICKNESS REQUIRED.

NOTE:
 FOR EXISTING AND PROPOSED UTILITIES, SEE UTILITY SHEETS.



110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50	115+00	115+50
776.05	776.17	776.35	776.58	776.61	776.72	776.66	776.67	776.49	776.61	776.31	776.41
776.14	776.21	775.94	776.01	775.78	775.81	775.54	775.59	775.15	775.27	774.65	774.78

HRGreen
 Illinois Professional Design Firm
 #184-001322

USER NAME = jrm	DESIGNED - JRM	REVISED -
FILE NAME = 080611-rpp-07.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - TH	REVISED -
PLOT DATE = .DATEL.	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

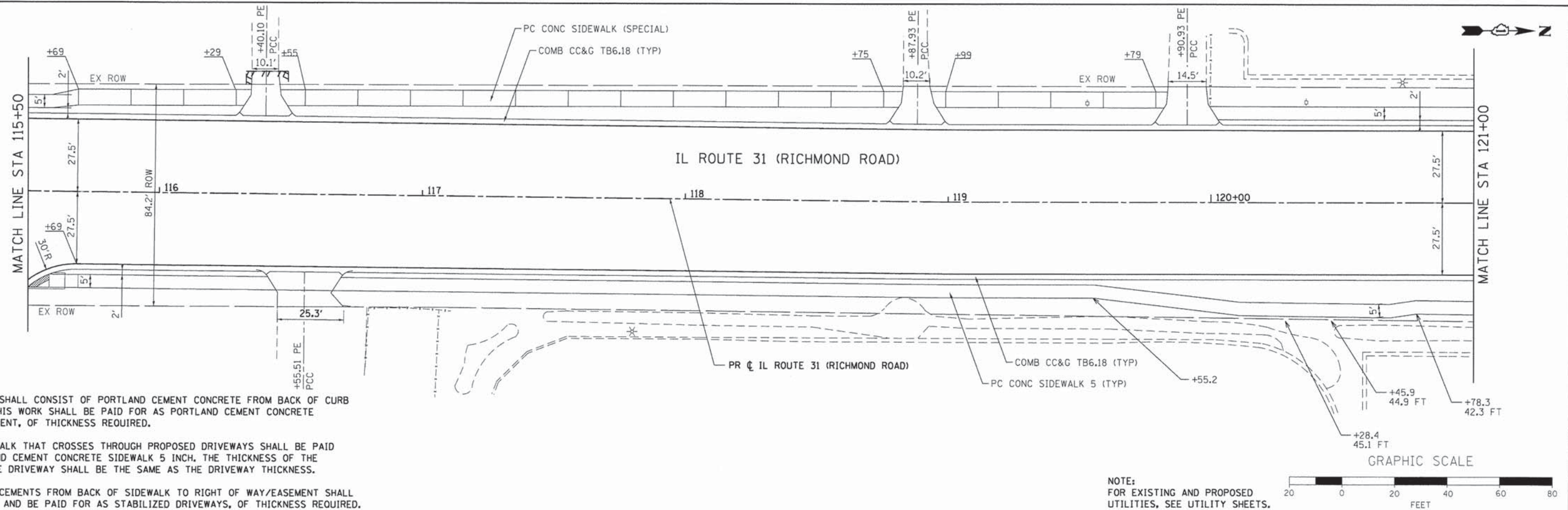
ROADWAY PLAN AND PROFILE
ILLINOIS ROUTE 31
 SCALE: 1" = 20' SHEET NO. 7 OF 10 SHEETS STA. 110+00 TO STA. 115+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00067-00-CH	MCHENRY	226	48	
FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	BLM. NOTED		
	STRUCTURE NOTATIONS		
	NO.		

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: HRGreen.com
 CLIENT: HRGreen.com
 DATE PLOTTED: 2/3/2017 PM
 FILE NAME: 090611-ppp-08.dgn
 PLOT DRIVER: pdf24pt
 PEN TABLE: s-render-df-trans.tbl

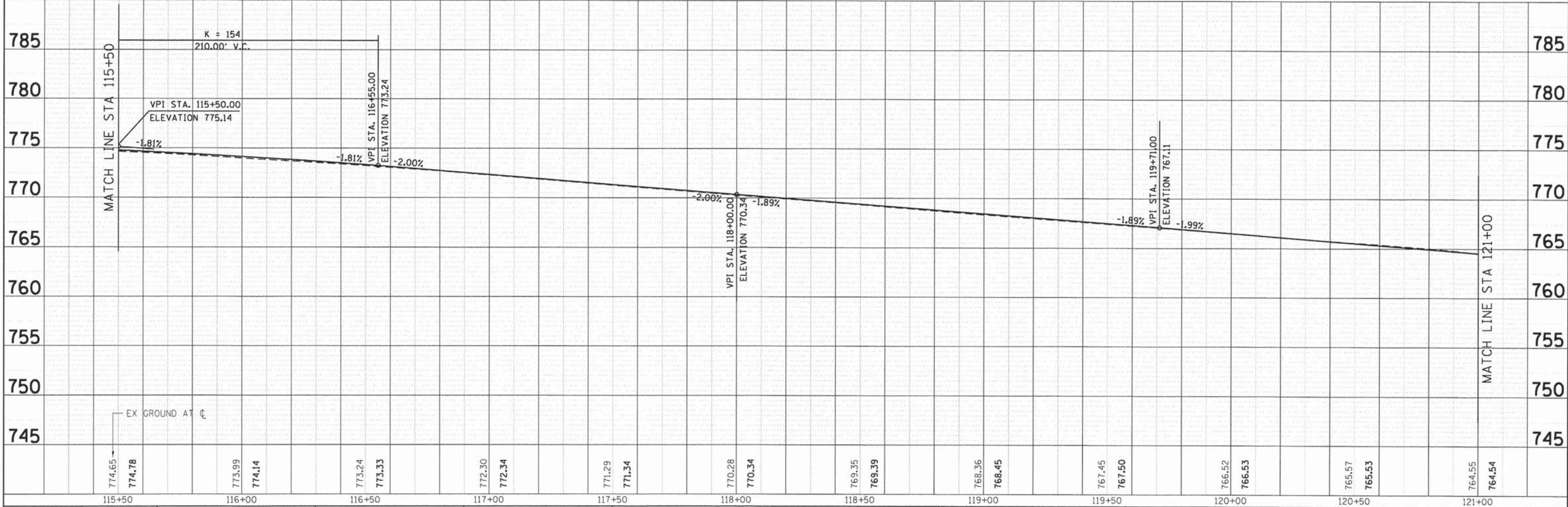


NOTE:
 ALL DRIVEWAYS SHALL CONSIST OF PORTLAND CEMENT CONCRETE FROM BACK OF CURB TO SIDEWALK. THIS WORK SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, OF THICKNESS REQUIRED.

PROPOSED SIDEWALK THAT CROSSES THROUGH PROPOSED DRIVEWAYS SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH. THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY SHALL BE THE SAME AS THE DRIVEWAY THICKNESS.

DRIVEWAY REPLACEMENTS FROM BACK OF SIDEWALK TO RIGHT OF WAY/EASEMENT SHALL MATCH EXISTING AND BE PAID FOR AS STABILIZED DRIVEWAYS, OF THICKNESS REQUIRED.

NOTE:
 FOR EXISTING AND PROPOSED UTILITIES, SEE UTILITY SHEETS.



USER NAME	DESIGNED	REVISIONS
FILE NAME	DRAWN	REVISIONS
PLOT SCALE	CHECKED	REVISIONS
PLOT DATE	DATE	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE
ILLINOIS ROUTE 31

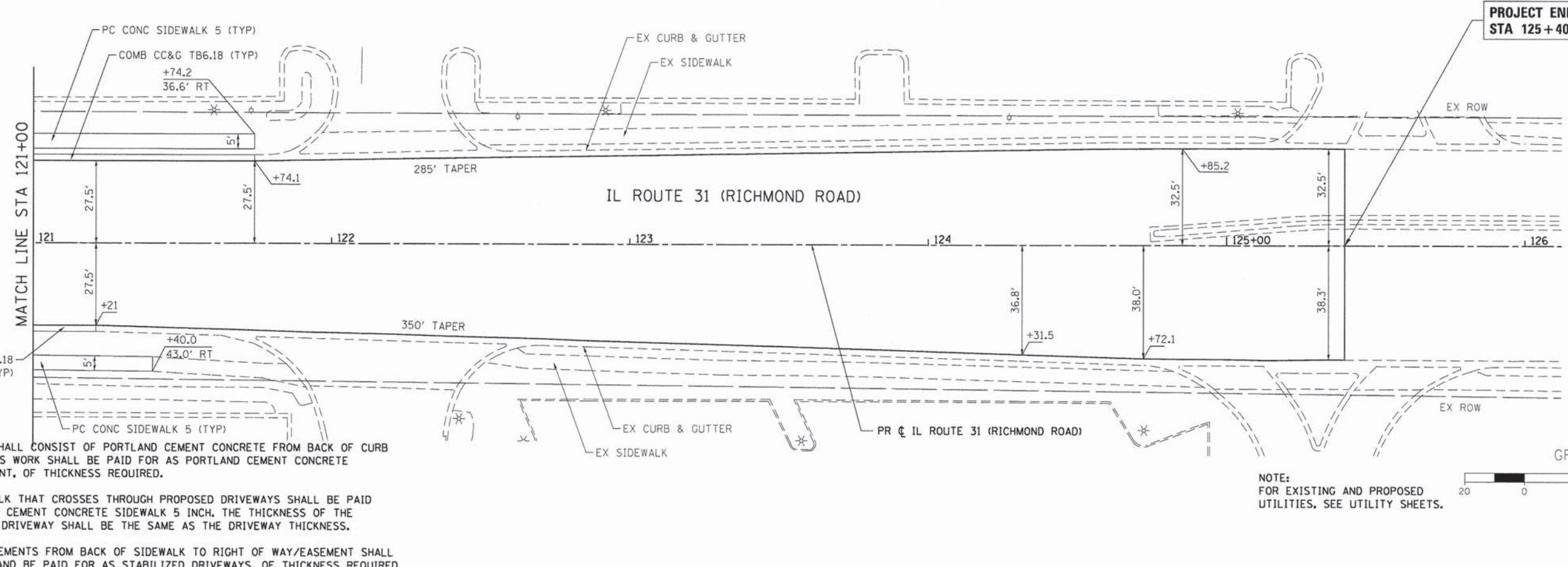
SCALE: 1" = 20' SHEET NO. 8 OF 10 SHEETS STA. 115+50 TO STA. 121+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	49
FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	ALIGNED	
	NOTED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	
	NOTED	
	BY	
	NO.	

PROJECT CONTACT:
 CLIENT: HRGreen.com
 DATE PLOTTED: 2/3/2019 PM
 FILE NAME: 080611-ppp-09.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl

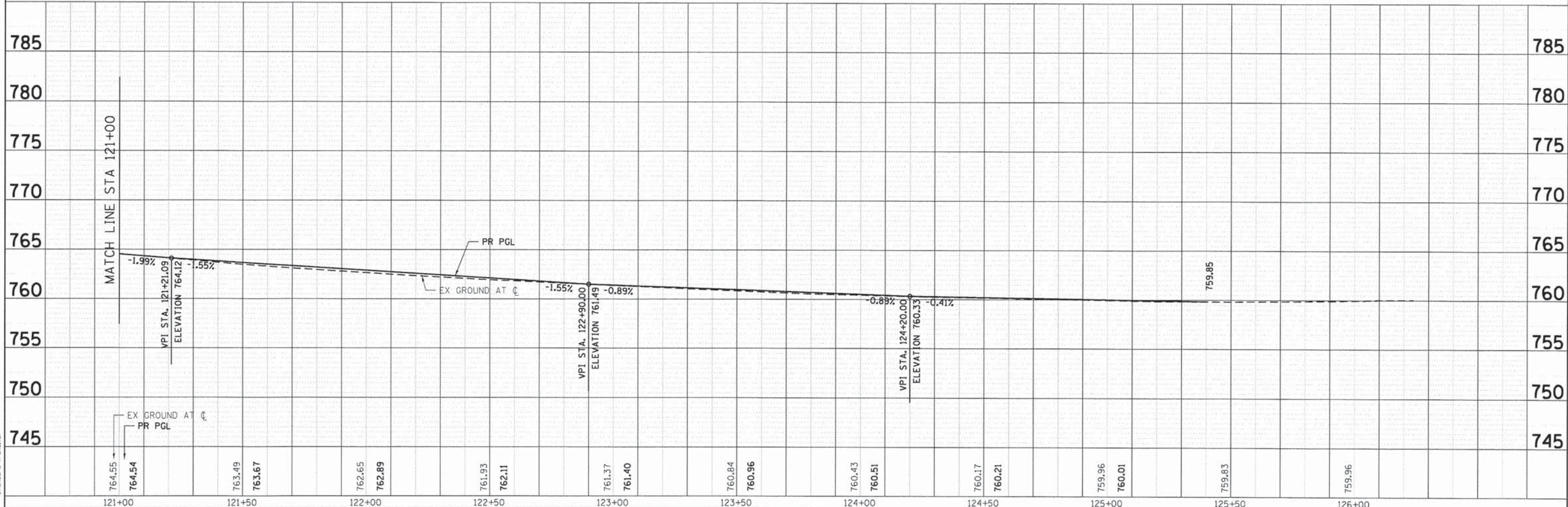
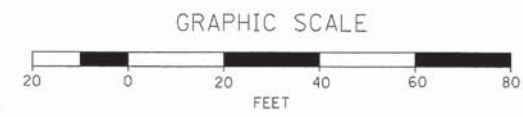


NOTE:
 ALL DRIVEWAYS SHALL CONSIST OF PORTLAND CEMENT CONCRETE FROM BACK OF CURB TO SIDEWALK. THIS WORK SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, OF THICKNESS REQUIRED.

PROPOSED SIDEWALK THAT CROSSES THROUGH PROPOSED DRIVEWAYS SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH. THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY SHALL BE THE SAME AS THE DRIVEWAY THICKNESS.

DRIVEWAY REPLACEMENTS FROM BACK OF SIDEWALK TO RIGHT OF WAY/EASEMENT SHALL MATCH EXISTING AND BE PAID FOR AS STABILIZED DRIVEWAYS, OF THICKNESS REQUIRED.

NOTE:
 FOR EXISTING AND PROPOSED UTILITIES, SEE UTILITY SHEETS.



121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50	125+00	125+50	126+00									
764.55	764.54	763.49	763.67	762.65	762.89	761.93	762.11	761.37	761.40	760.84	760.96	760.43	760.51	760.17	760.21	759.96	760.01	759.83	759.96

HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

USER NAME = jmelhui	DESIGNED - JRM	REVISED -
FILE NAME = 080611-ppp-09.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - TH	REVISED -
PLOT DATE = .DATE1.	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

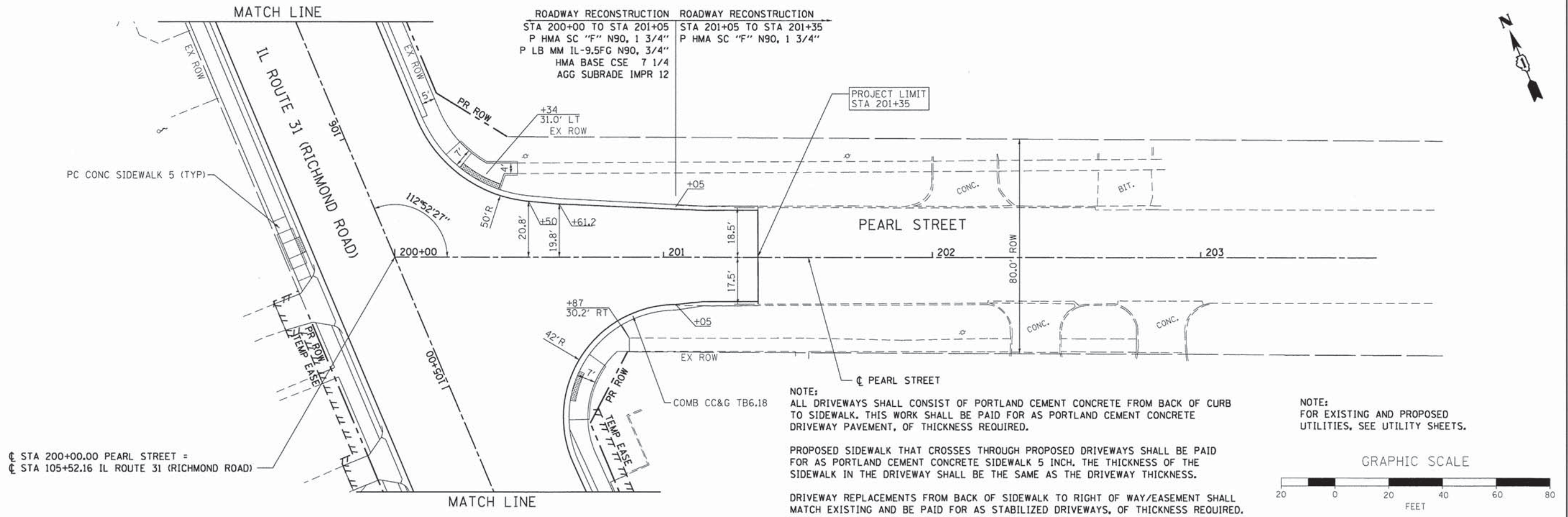
ROADWAY PLAN AND PROFILE
 ILLINOIS ROUTE 31
 SCALE: 1" = 20' SHEET NO. 9 OF 10 SHEETS STA. 121+00 TO STA. 125+40

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	50
FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

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

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

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 08/06/11 10:40 AM
 FILE NAME: 080611-ppp-10.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



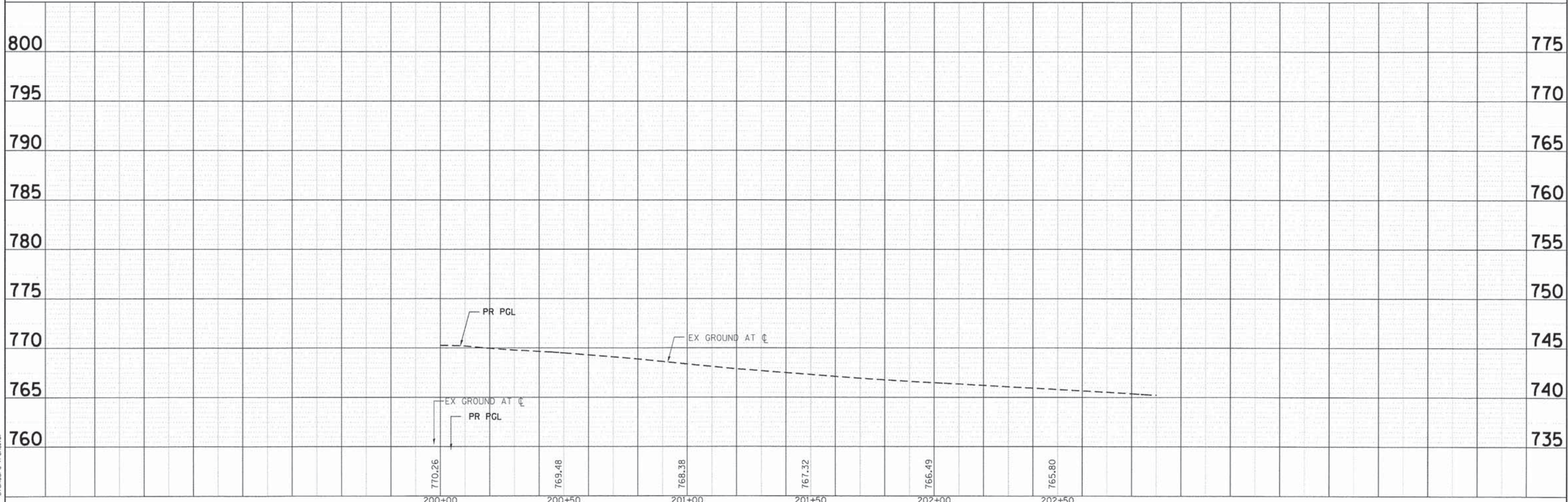
CL STA 200+00.00 PEARL STREET =
 CL STA 105+52.16 IL ROUTE 31 (RICHMOND ROAD)

NOTE:
 ALL DRIVEWAYS SHALL CONSIST OF PORTLAND CEMENT CONCRETE FROM BACK OF CURB TO SIDEWALK. THIS WORK SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, OF THICKNESS REQUIRED.

PROPOSED SIDEWALK THAT CROSSES THROUGH PROPOSED DRIVEWAYS SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH. THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY SHALL BE THE SAME AS THE DRIVEWAY THICKNESS.

DRIVEWAY REPLACEMENTS FROM BACK OF SIDEWALK TO RIGHT OF WAY/EASEMENT SHALL MATCH EXISTING AND BE PAID FOR AS STABILIZED DRIVEWAYS, OF THICKNESS REQUIRED.

NOTE:
 FOR EXISTING AND PROPOSED UTILITIES, SEE UTILITY SHEETS.



USER NAME = jme/hus	DESIGNED - JRM	REVISED -
FILE NAME = 080611-ppp-10.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - TH	REVISED -
PLOT DATE = .DATE1.	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

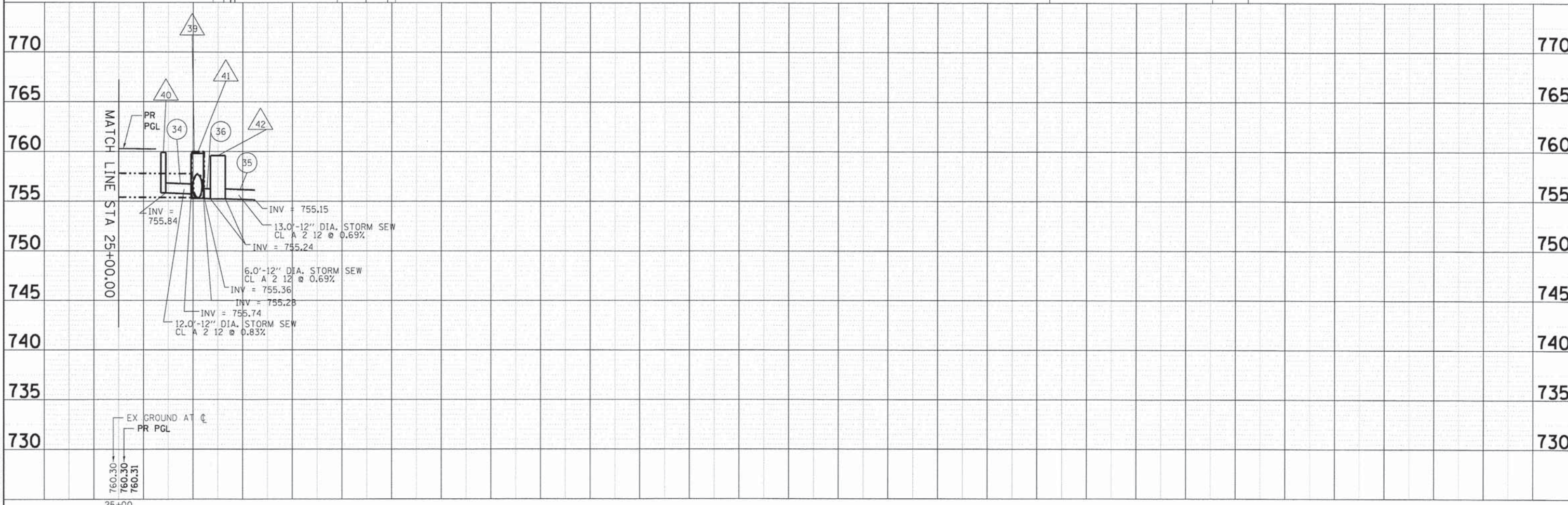
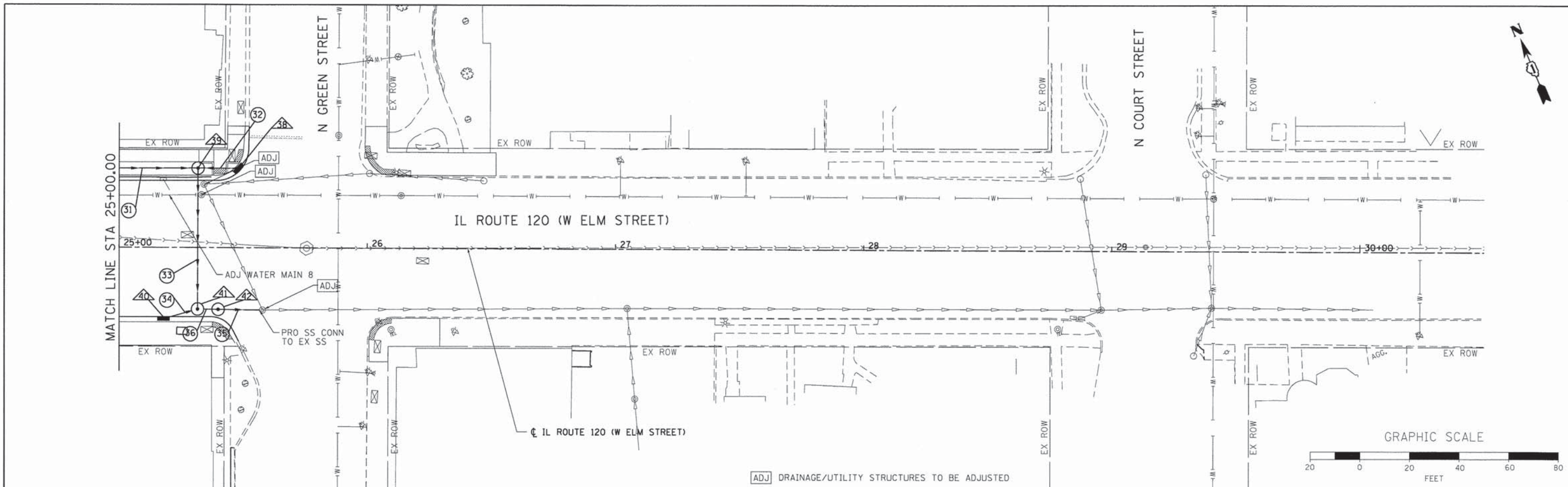
ROADWAY PLAN AND PROFILE
 PEARL STREET
 SCALE: 1" = 20' SHEET NO. 10 OF 10 SHEETS STA. 200+00 TO STA. 201+35

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	224	51
	FAP 333, FAP 336, FAU 81	CONTRACT NO.	63750	
ILLINOIS FED. AID PROJECT				

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

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

COMPANY NAME: HRGreen
 PROJECT CONTACT: JRM
 CLIENT: STATE OF ILLINOIS
 DATE PLOTTED: 2/24/15 PM
 FILE NAME: 080611-dpp-04.dgn
 PLOT DRIVER: pdflpr
 PEN TABLE: standard-trans.tbl

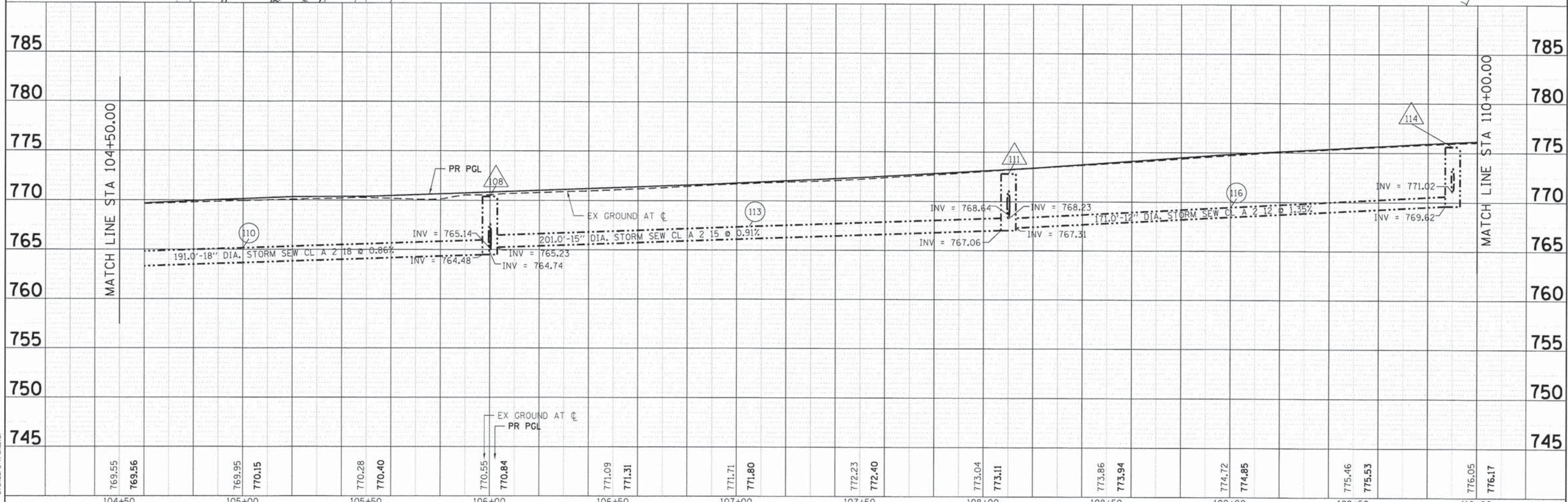
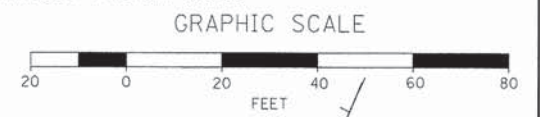
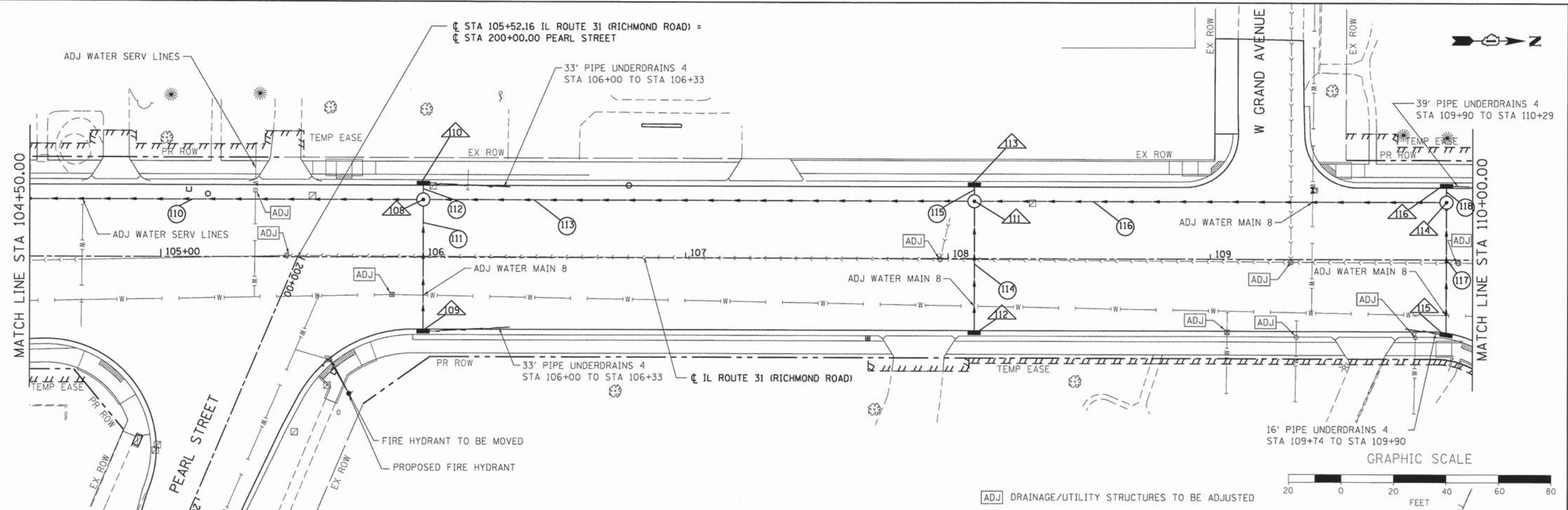


	USER NAME = jrm1rus	DESIGNED - JRM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN ILLINOIS ROUTE 120	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 080611-dpp-04.dgn	DRAWN - JPA	REVISED -			• 05-0067-00-CH	MCHENRY	226	55	
	PLOT SCALE = 1" = 20'	CHECKED - TH	REVISED -			• FAP 333, FAP 336, FAU 81	CONTRACT NO. 63750			
	PLOT DATE = .DATE1.	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20'					SHEET NO. 4 OF 10 SHEETS		STA. 25+00		TO STA. 25+52	

PLAN	SURVEYED	BY	DATE
	PLANNED		
	DESIGNED		
	DRAWN		
	CHECKED		
	NOTED		
	FILED		
	DATE		
	BY		
	DATE		

PROFILE	SURVEYED	BY	DATE
	PLANNED		
	DESIGNED		
	DRAWN		
	CHECKED		
	NOTED		
	FILED		
	DATE		
	BY		
	DATE		

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: JPA
 CLIENT: STATE OF ILLINOIS
 DATE PLOTTED: 2/24/23 PM
 FILE NAME: 080611-dpp-06.dgn
 PLOT DRIVER: pcf.dwt
 PEN TABLE: standard-trans.tbl



769.55	769.56	769.95	770.15	770.28	770.40	770.55	770.84	771.09	771.31	771.71	771.80	772.23	772.40	773.04	773.11	773.86	773.94	774.72	774.85	775.46	775.53	776.05	776.17	
104+50	105+00	105+50	106+00	106+50	107+00	107+50	108+00	108+50	109+00	109+50	110+00													

USER NAME = jme/hus	DESIGNED - JRM	REVISED -
FILE NAME = 080611-dpp-06.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - TH	REVISED -
PLOT DATE = .DATE1.	DATE -	REVISED -

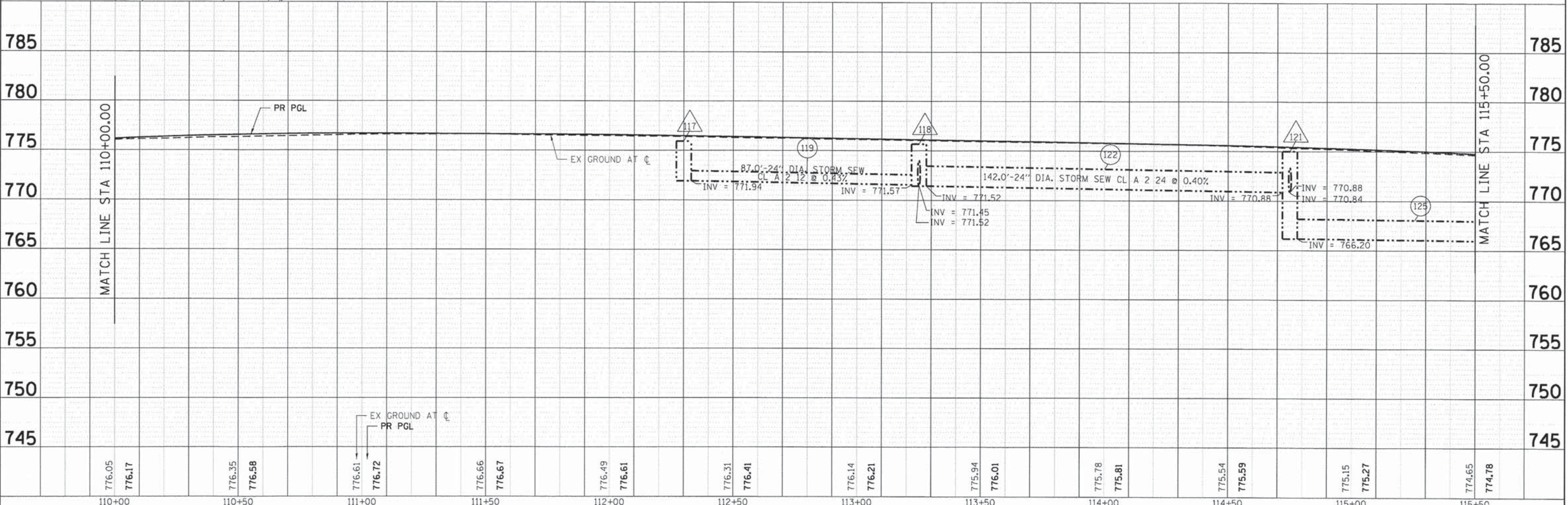
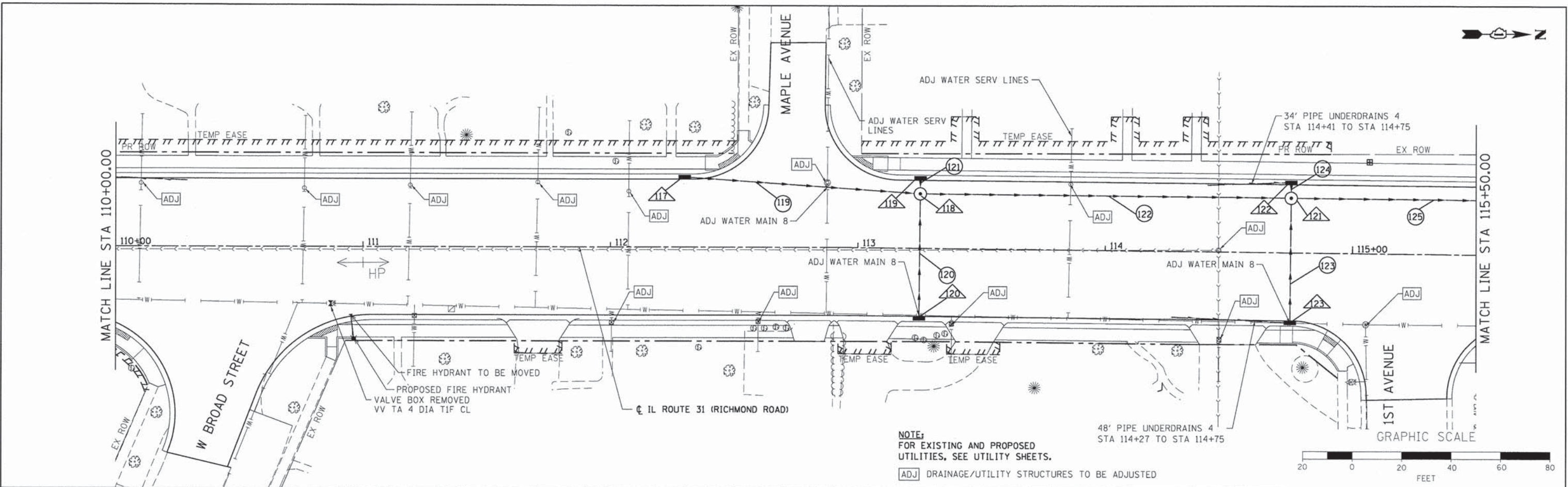
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE AND UTILITY PLAN ILLINOIS ROUTE 31	
SCALE: 1" = 20'	SHEET NO. 6 OF 10 SHEETS	STA. 100+00	TO STA. 104+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	57
	FAP 333, FAP 336, FAU 81	MCHENRY	CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	CLOSED		
	ADJUSTED		
	NOTED		
	REMOVED		
	ADDED		
	REMOVED		
	ADDED		
	REMOVED		
	ADDED		

PROFILE	SURVEYED	BY	DATE
	CLOSED		
	ADJUSTED		
	NOTED		
	REMOVED		
	ADDED		
	REMOVED		
	ADDED		
	REMOVED		
	ADDED		

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: JPA
 CLIENT: STATE OF ILLINOIS
 DATE PLOTTED: 2/24/23 PM
 FILE NAME: 080611-dpp-07.dgn
 PLOT DRIVER: pdf24it
 PEN TABLE: standard-frans.tbl



110+00	776.05	776.17	776.35	776.58	776.61	776.72	776.66	776.67	776.49	776.61	776.31	776.41	776.14	776.21	775.94	776.01	775.78	775.81	775.54	775.59	775.15	775.27	774.65	774.78	115+50
110+00		110+50		111+00		111+50		112+00		112+50		113+00		113+50		114+00		114+50		115+00		115+50			

USER NAME = jme hus	DESIGNED - JRM	REVISED -
FILE NAME = 080611-dpp-07.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - TH	REVISED -
PLOT DATE = .DATE1.	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

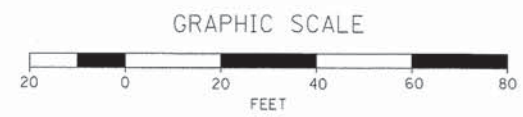
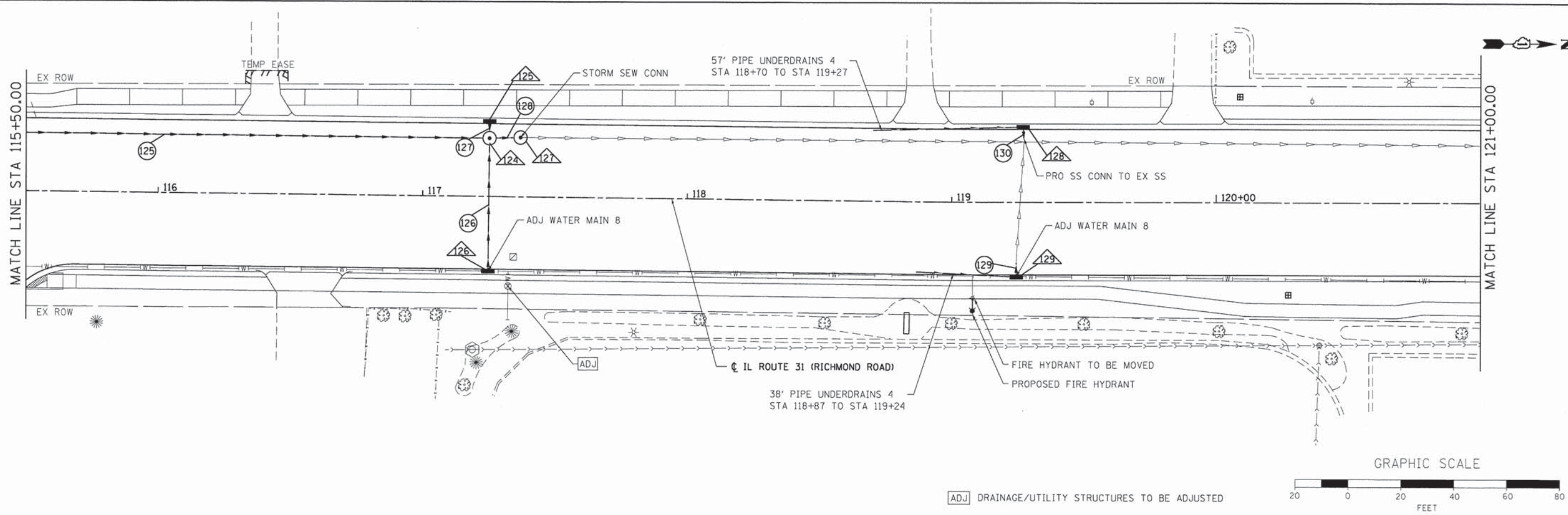
DRAINAGE AND UTILITY PLAN
ILLINOIS ROUTE 31
 SCALE: 1" = 20' SHEET NO. 7 OF 10 SHEETS STA. 104+50 TO STA. 110+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	58
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
[ILLINOIS] FED. AID PROJECT				

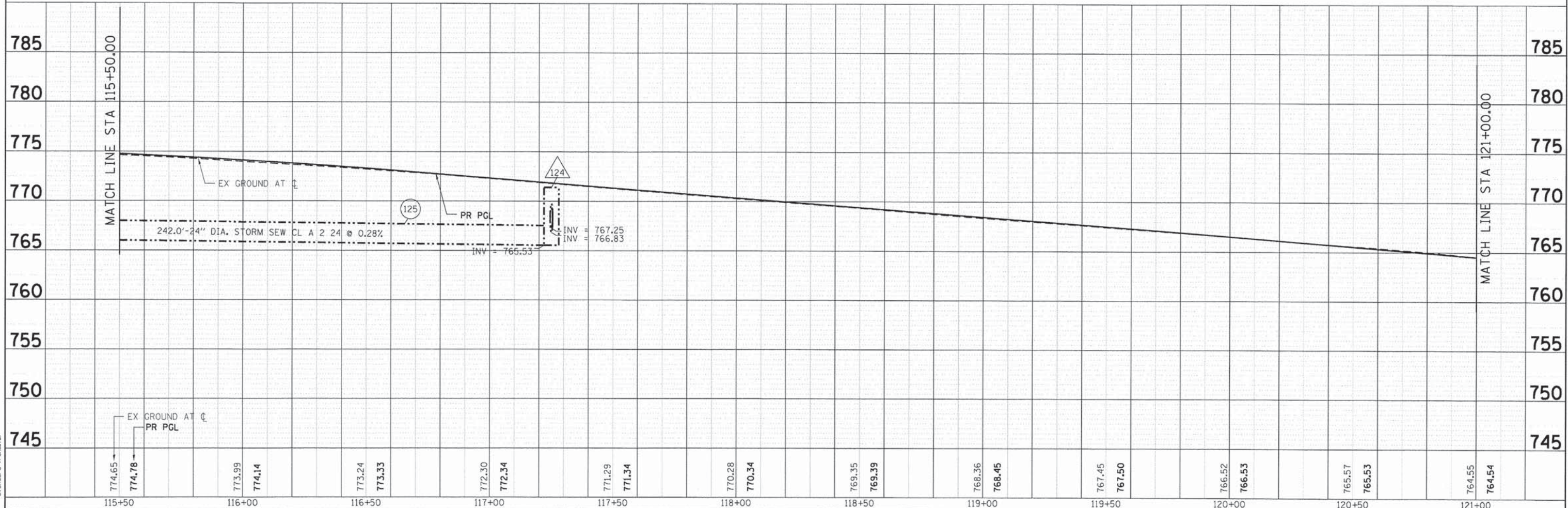
PLAN	SURVEYED	BY	DATE
	ALIGNED		
	GRADES CHECKED		
	BY		
	NOTE BOOK		
	NO.		
	FILE NAME		
	NO.		

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

COMPANY NAME: HRGreen
 PROJECT CONTACT: JPA
 CLIENT: STATE OF ILLINOIS
 DATE PLOTTED: 08/06/11 2:34:53 PM
 FILE NAME: 080611-dpp-08.dgn
 PLOT DRIVER: pdfr.plt
 PEN TABLE: standard-trans.tbl



ADJ DRAINAGE/UTILITY STRUCTURES TO BE ADJUSTED



115+50	116+00	116+50	117+00	117+50	118+00	118+50	119+00	119+50	120+00	120+50	121+00
774.65	774.78	773.99	774.14	773.24	773.33	772.30	772.34	771.29	771.34	770.28	770.34
								769.35	769.39	768.36	768.45
								767.45	767.50	766.52	766.53
								765.57	765.53	764.55	764.54

USER NAME = jme/hus	DESIGNED - JRM	REVISED -
FILE NAME = 080611-dpp-08.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - TH	REVISED -
PLOT DATE = .DATE1.	DATE -	REVISED -

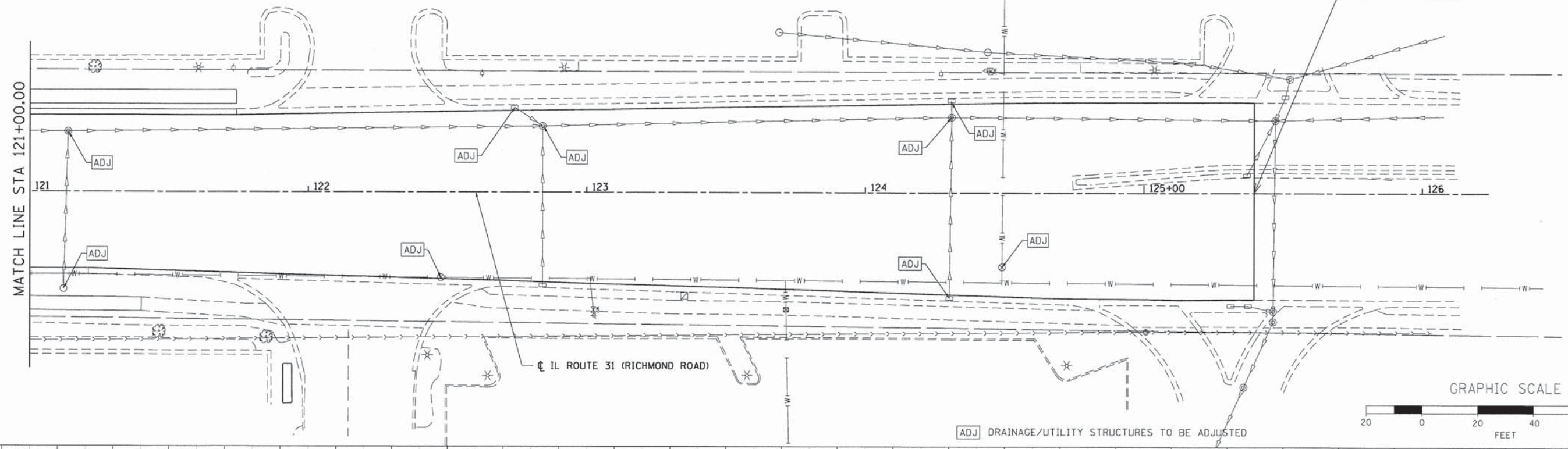
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN
 ILLINOIS ROUTE 31
 SCALE: 1" = 20' SHEET NO. 8 OF 10 SHEETS STA. 110+00 TO STA. 115+50

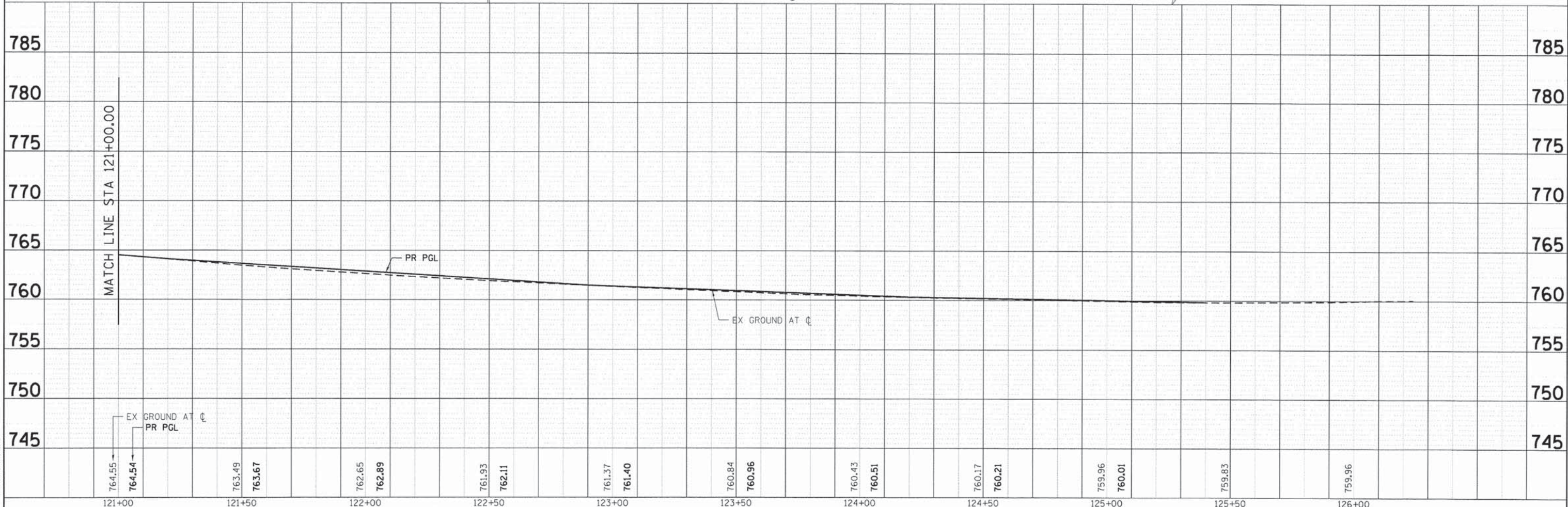
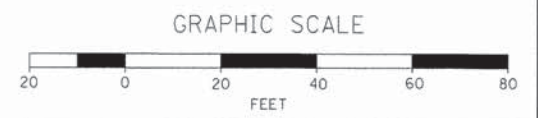
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	59
	FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



PROJECT ENDS
STA. 125 + 40



ADJ DRAINAGE/UTILITY STRUCTURES TO BE ADJUSTED



EX GROUND AT CL
PR PGL

EX GROUND AT CL

PR PGL

745	750	755	760	765	770	775	780	785												
764.55	764.54	763.49	763.67	762.65	762.89	761.93	762.11	761.37	761.40	760.84	760.96	760.43	760.51	760.17	760.21	759.96	760.01	759.83	759.96	
121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50	125+00	125+50	126+00										

PLAN

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

PROFILE

DATE	
BY	
SURVEYED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO.	

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: JRM
 CLIENT: STATE OF ILLINOIS
 DATE PLOTTED: 2/25/04 PM
 FILE NAME: 080611-dpp-09.dgn
 PLOT DRIVER: paf/paf
 PEN TABLE: standard-trans.tbl



USER NAME = jrm/hu	DESIGNED = JRM	REVISED =
FILE NAME = 080611-dpp-09.dgn	DRAWN = JPA	REVISED =
PLOT SCALE = 1" = 20'	CHECKED = TH	REVISED =
PLOT DATE = .DATE1.	DATE =	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN	
ILLINOIS ROUTE 31	
SCALE: 1" = 20'	SHEET NO. 9 OF 10 SHEETS
STA. 115+50	TO STA. 121+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	60
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

PIPE NO.	FROM STRUC	TO STRUC	STORM SEWER, CLASS A						SLOPE (%)	TBF (CY)
			12"	15"	18"	24"	30"	36"		
ILLINOIS ROUTE 120										
1	2A	2			32				0.28%	7.60
1A	4	2A			103				0.30%	24.40
2	1	2	54						1.17%	0.00
3	2	3			140				0.29%	36.30
4	3	5	71						0.31%	16.80
5	7	5	7						2.57%	2.10
6	5	14				173			0.32%	125.30
6a	10a	7	34						1.03%	8.70
7	6	7	8						1.00%	2.10
8	8	9	45						1.00%	6.20
9	9	10	4						1.00%	0.70
10	11	12	26						0.38%	9.70
10a	10b	10a	9						1.11%	1.60
10b	10	10b	19						1.00%	3.70
11	12	13	47						0.36%	26.80
12	13	14			9				0.44%	6.10
12a	14	15				37			0.81%	0.00
13	16	17	25						1.00%	0.00
14	17	18				23			1.74%	19.40
15	18	19				34			1.71%	32.40
16	19	20				22			2.09%	27.90
17	20	21						10	0.80%	0.00
18	24	17				51			1.78%	37.00
19	25	24	4						1.00%	0.00
20	26	22			94				1.33%	70.10
21	22	19			180				0.98%	0.00
22	27	26	4						1.00%	0.00
23	28	26			125				1.70%	49.80
24	23	22	5						1.20%	0.00
25	29	28	4						1.00%	0.00
26	32	33			59				0.29%	0.70
27	33	35					69		0.22%	11.90
28	34	35	6						1.00%	0.90
29	36	34	53						1.28%	0.00
30	35	37					48		0.33%	0.00
31	37	39						70	0.17%	0.00
32	38	39	14						0.71%	0.00
33	39	41						53	0.15%	0.00
34	40	41	12						0.83%	0.80
35	42	EX	13						0.69%	2.30
36	41	42						6	0.69%	0.40

PIPE NO.	FROM STRUC	TO STRUC	STORM SEWER, CLASS A						SLOPE (%)	TBF (CY)
			12"	15"	18"	24"	30"	36"		
ILLINOIS ROUTE 31										
100	31	32	4						2.00%	0.70
100a	100a	100	31						0.65%	6.70
101	30	29	7						1.57%	0.00
102	100	28			62				1.42%	23.30
103	101	100			81				1.28%	52.10
104	103	101	2						2.00%	0.40
105	104	101			22				1.00%	5.20
106	102	104	24						0.92%	4.20
107	105	101			201				1.56%	56.70
108	106	105	49						2.94%	10.50
109	105	107	2						2.00%	0.40
110	108	105			191				0.86%	62.90
111	109	108	44						1.00%	12.00
112	110	108	2						2.00%	0.60
113	111	108		201					0.91%	64.40
114	112	111	44						1.45%	8.60
115	113	111	2						1.50%	0.40
116	114	111	171						1.35%	56.70
117	115	114	44						1.00%	8.60
118	116	114	2						2.00%	0.40
119	117	118	87						0.43%	12.10
120	120	118	45						1.02%	8.02
121	119	118	2						2.50%	0.40
122	118	121				142			0.40%	23.60
123	123	121	45						1.02%	8.80
124	122	121	2						2.50%	0.40
125	121	124				242			0.28%	203.30
126	126	124	45						1.02%	8.80
127	125	124	2						2.00%	0.40
128	124	127				4			0.50%	1.00
129	129	EX	5						0.40%	0.00
130	128	EX	3						1.33%	0.00

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
DATE PLOTTED: 2/25/21 PM
FILE NAME: 080611-ppp-sch-02.dgn
PLOT DRIVER: pdfplot
PEN TABLE: standard-trans.tbl



HRGreen.com
Illinois Professional Design Firm
184-001322

USER NAME = jmh1hus	DESIGNED - JRM	REVISED -
PLOT SCALE = N.T.S.	DRAWN - JPA	REVISED -
PLOT DATE = .DATE1..	CHECKED - TH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 31/120

SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. TO STA.

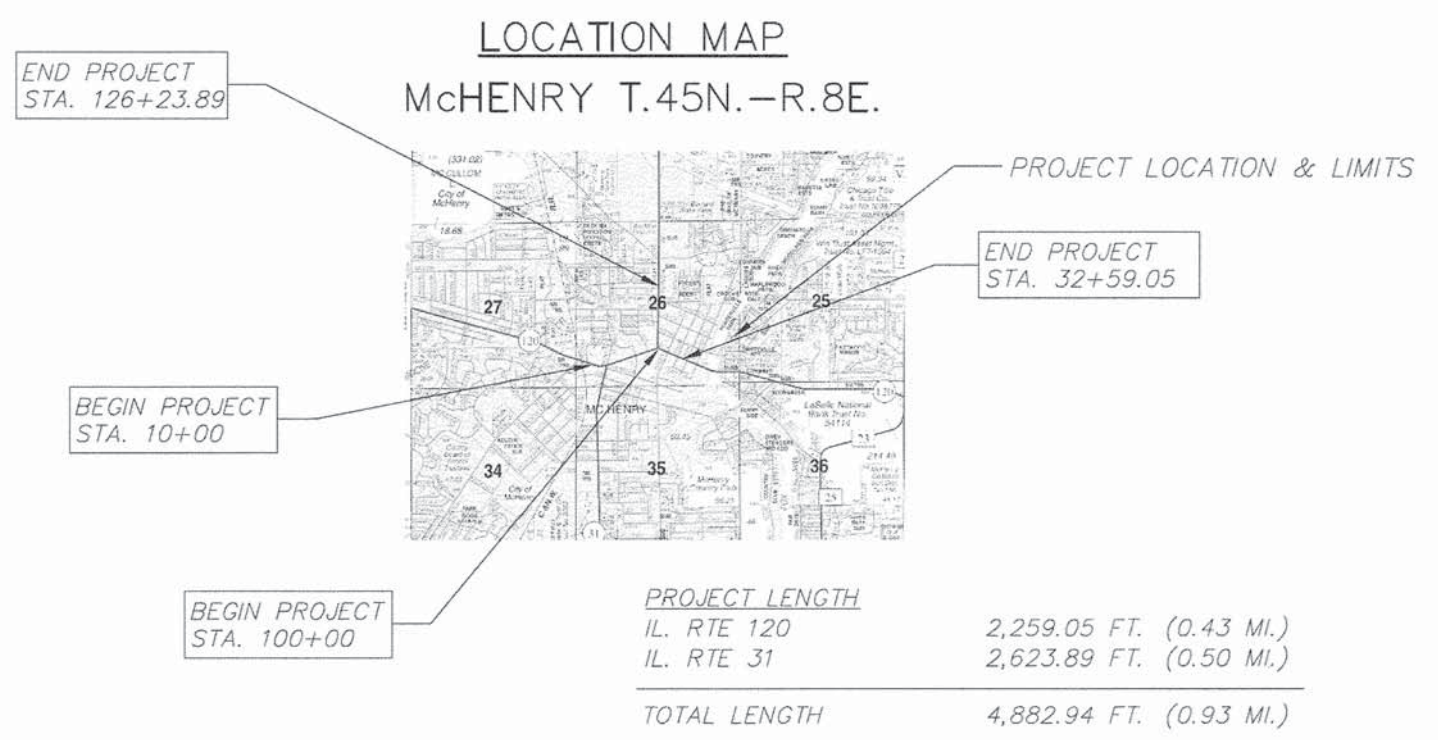
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	63
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
[ILLINOIS] FED. AID PROJECT				

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION RIGHT OF WAY PLANS FOR PROPOSED ILLINOIS ROUTE 120 AND ILLINOIS ROUTE 31 ROADWAY IMPROVEMENTS



ROUTE: FAP 336-ROUTE 120/31
SECTION: 05-00067-00-CH
PROJECT: CMF-0336 (035)

JOB NO: R-91-011-06
COUNTY: MCHENRY



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED _____ 20____
DISTRICT ENGINEER

EXAMINED _____ 20____
DISTRICT RIGHT OF WAY PLANS ENGINEER

PASSED _____ 20____
DISTRICT LAND ACQUISITION ENGINEER

REVIEWED _____ 20____
CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER

APPROVED _____ 20____
ENGINEER OF LAND ACQUISITION

SEC Group, Inc.
An HR Green Company
420 N. Front Street,
McHenry, IL 60050-2136
t. 815.385.1778 f. 815.385.1781
www.secgroupinc.com

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 336
ROUTE 120/31 - McHENRY, IL

SECTION: 05-00067-00-CH COUNTY: MCHENRY
PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
STATION: 10+00 TO 32+59.04 AND 100+00 TO 125+40
SCALE: N/A SHEET: 1 OF 12

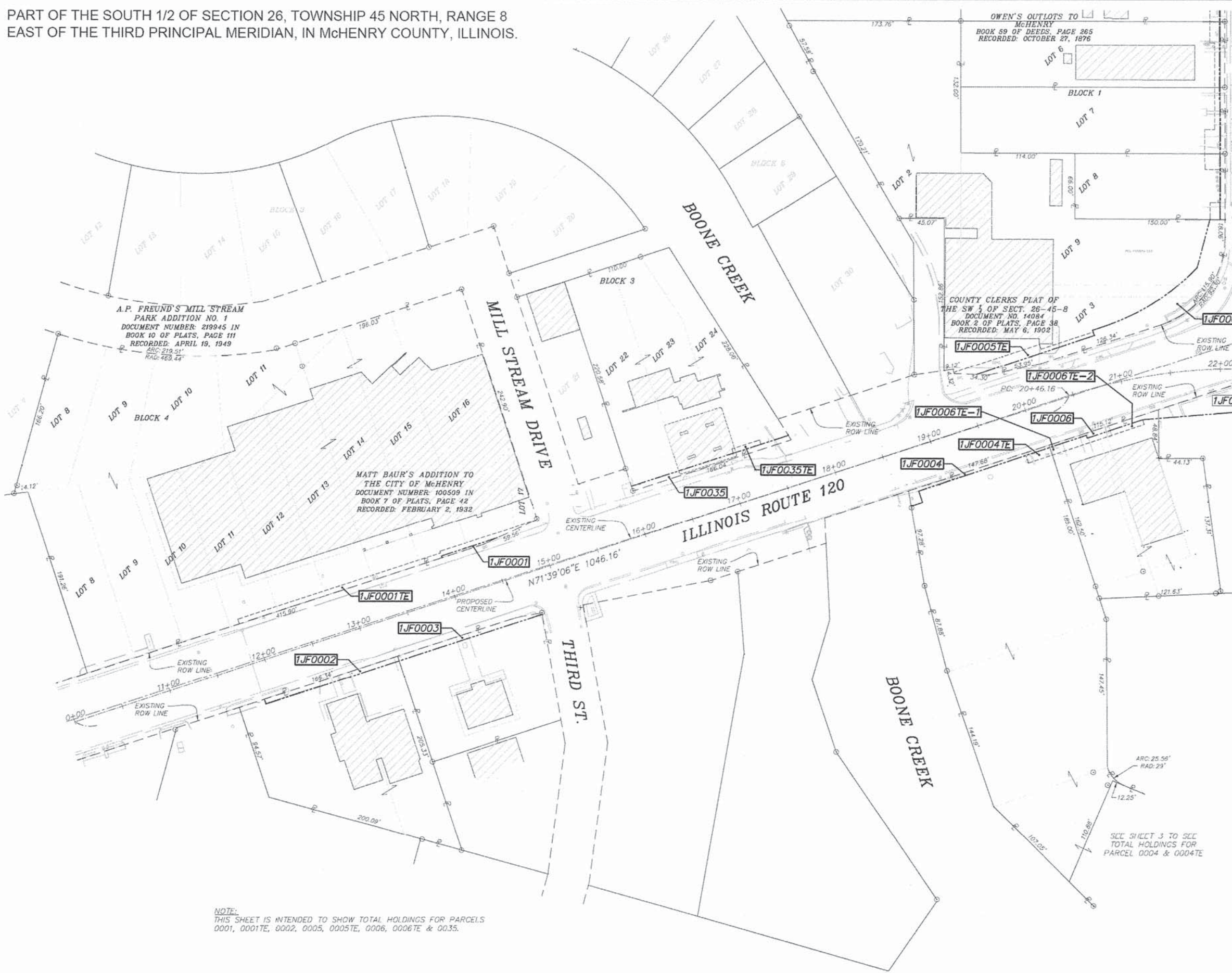
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-11 MADE BY: RBM
REVISION 2: PER IDOT REVIEW DATED 8-11-11 DATE: 8-25-11 MADE BY: BDE/RBM
REVISION 3: ADDED 1JF0008TE DATE: 10-25-11 MADE BY: CLD
REVISION 4: ADDED PCRCHES & STGOOPS DATE: 7-18-12 MADE BY: RBM

COMPANY NAME: [illegible]
PROJECT CONTACT: [illegible]
DATE: 2/25/08 PM
DATE PLOTTED: 08/06/11-pch-01.dgn
FILE NAME: pat.plt
PLOT DRIVER: standard-trans.tbl
PEN TABLE: [illegible]

DRAWN BY: MRJ/RBM CHECKED BY: MRF/CLD

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

SECTION 05-00067-00-CH COUNTY MCHENRY

SECTION CORNER 910/1615

QUARTER SECTION CORNER 16/15

BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007). COMBINED SCALE FACTOR = 0.999943911

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH RFRAR.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS } S.S.
 COUNTY OF McHENRY }

THIS IS TO CERTIFY THAT I, _____ AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE CITY OF McHENRY, STATE OF ILLINOIS.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

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



SEC Group, Inc.
 An HR Green Company
 420 N. Front Street,
 McHenry, IL 60050-2136
 T. 815.385.1778 F. 815.385.1781
 www.secgroupinc.com

•McHenry, IL •Yorkville, IL •New Lenox, IL •Chicago, IL

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 336
 ROUTE 120/31 - McHENRY, IL

SECTION: 05-00067-00-CH COUNTY: McHENRY
 PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
 STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89
 SCALE: 1"=50' SHEET: 2 OF 12

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

REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-10 MADE BY: RBM
 REVISION 2: PER IDOT REVIEW DATED 08-11-11 DATE: 08-25-11 MADE BY: BDE/RBM
 REVISION 3: ADDED 1JF0008TE DATE: 10-25-11 MADE BY: CLD
 REVISION 4: ADDED PORCHES & STOODPS DATE: 7-18-12 MADE BY: RBM

NOTE:
 THIS SHEET IS INTENDED TO SHOW TOTAL HOLDINGS FOR PARCELS 0001, 0001TE, 0002, 0005, 0005TE, 0006, 0006TE & 0035.

DATE: 2/27/06 PM
 FILE NAME: 080611-pah-02.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING



BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007). COMBINED SCALE FACTOR = 0.999943911

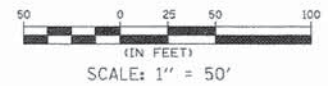
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH REBAR.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 21.35 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS } S.S.
COUNTY OF McHENRY }

THIS IS TO CERTIFY THAT I, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE CITY OF McHENRY, STATE OF ILLINOIS.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY



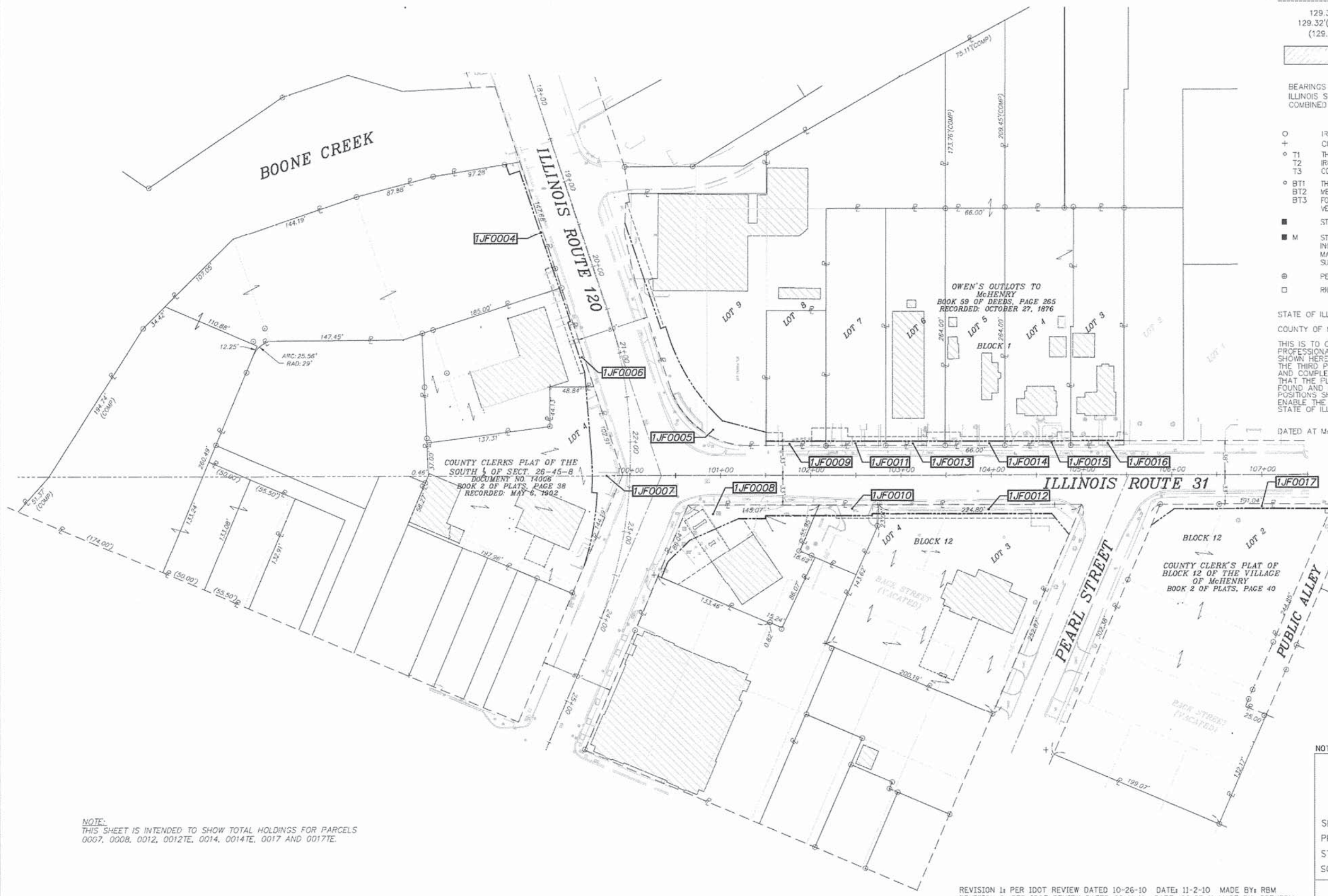
SEC Group, Inc.
An HR Green Company
420 N. Front Street,
McHenry, IL 60050-2136
t. 815.385.1778 f. 815.385.1781
www.secgroupinc.com

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 336
ROUTE 120/31 - McHENRY, IL

SECTION: 05-00067-00-CH COUNTY: McHENRY
PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89
SCALE: 1"=50' SHEET: 3 OF 12

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

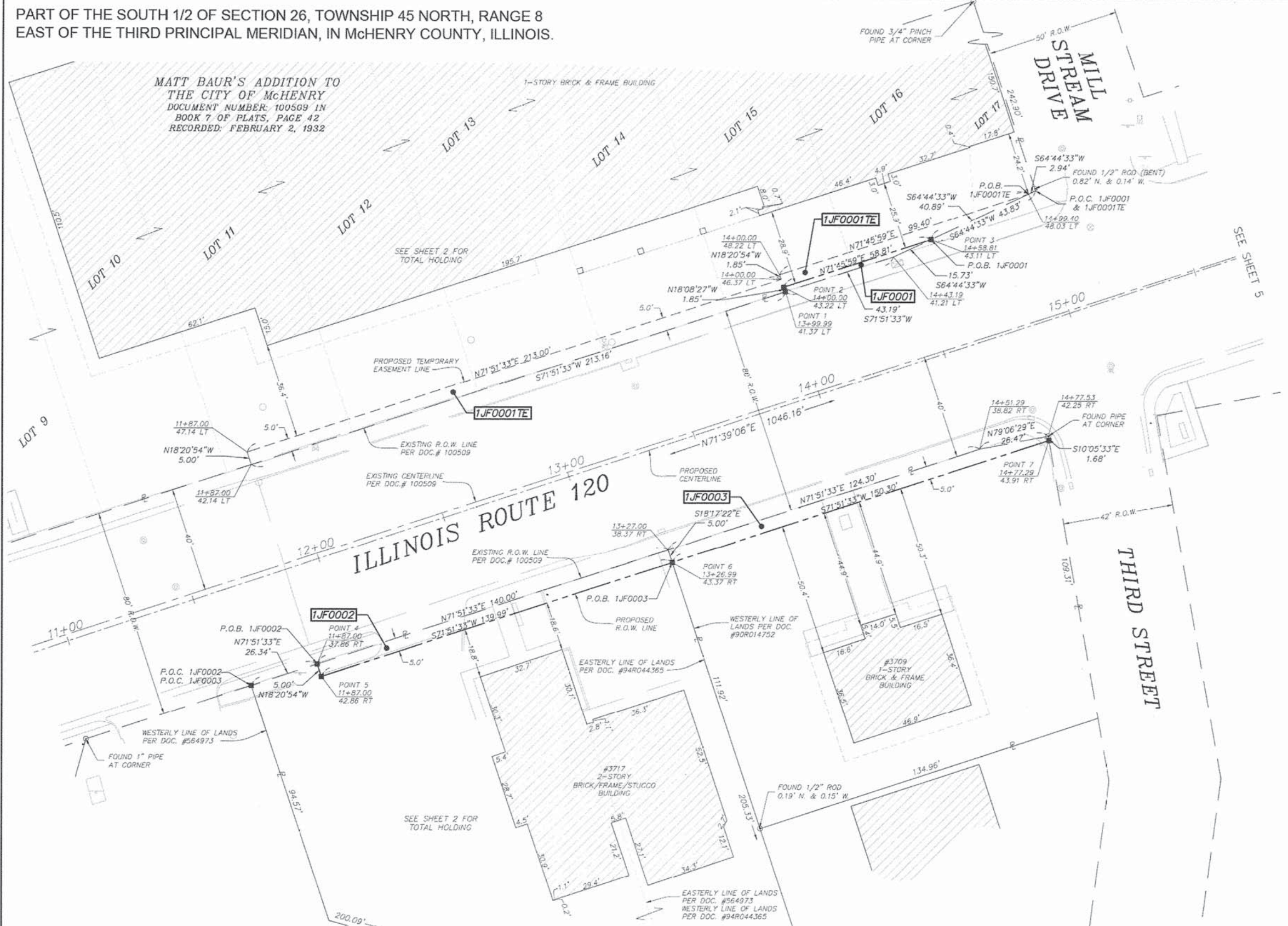


NOTE: THIS SHEET IS INTENDED TO SHOW TOTAL HOLDINGS FOR PARCELS 0007, 0008, 0012, 0012E, 0014, 0014E, 0017 AND 0017E.

REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-10 MADE BY: RBM
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REVISION 3: ADDED 1JF0008TE DATE: 10-25-11 MADE BY: CLD
REVISION 4: ADDED PORCHES & STOOPS DATE: 7-18-12 MADE BY: RBM

DATE: 2-20-08 PM
PROJECT CONTACT:
CLIENT:
DATE PLOTTED:
FILE NAME:
PLOT DRIVER:
PEN TABLE:

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.



MATT BAUR'S ADDITION TO THE CITY OF McHENRY DOCUMENT NUMBER: 100509 IN BOOK 7 OF PLATS, PAGE 42 RECORDED: FEBRUARY 2, 1932

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
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BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007). COMBINED SCALE FACTOR = 0.999943911

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
 T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 T2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT1 STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH RFRAR.
 BT2 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS } S.S.
 COUNTY OF McHENRY }

THIS IS TO CERTIFY THAT I, _____ AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE CITY OF McHENRY, STATE OF ILLINOIS.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

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

SCALE: 1" = 20'

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

SEC Group, Inc.
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 t. 815.385.1778 f. 815.385.1781
 www.secgroupinc.com

•McHenry, IL •Yorkville, IL •New Lenox, IL •Chicago, IL

PARCEL NUMBER	OWNER	P.I.N.	TOTAL HOLDINGS (ACRES)	AREA TAKEN		PREV. DEED'D OR USED AREA (ACRES)	REMAINING AREA (ACRES)	EASEMENT AREA		EASEMENT PURPOSE	ACQUIRED BY:
				ACRES	SQUARE FEET			ACRES	SQUARE FEET		
1JF0001 1JF0001TE	FIRST MIDWEST TRUST COMPANY, AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 21ST DAY OF APRIL, 1986, KNOWN AS TRUST NUMBER 3601	09-26-377-009 09-26-377-021 09-26-377-023 09-26-377-020 09-26-377-022	2.917	0.002	97	N/A	2.915	0.034		GRADING	
1JF0002	McHENRY STATE BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED APRIL 15, 1972 KNOWN AS TRUST NO. 469	09-26-379-009 09-26-379-010	0.573	0.016		N/A	0.557	N/A	N/A	N/A	
1JF0003	THE COSMOPOLITAN NATIONAL BANK OF CHICAGO AS TRUSTEE UNDER TRUST AGREEMENT DATED APRIL 16, 1990 KNOWN AS TRUST NO. 29538	09-26-379-011	0.366	0.016		N/A	0.350	N/A	N/A	N/A	

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 REVISION 3: ADDED 1JF0008TE DATE: 10-25-11 MADE BY: CLD
 REVISION 4: ADDED PORCHES & STOOPS DATE: 7-18-12 MADE BY: RBM

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 336
 ROUTE 120/31 - McHENRY, IL

SECTION: 05-00067-00-CH COUNTY: McHENRY
 PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
 STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89
 SCALE: 1"=20' SHEET: 4 OF 12

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: _____
 CLIENT: _____
 DATE PLOTTED: 08/08/11-poh-04.dgn
 FILE NAME: 080811-poh-04.dgn
 PLOT DRIVER: pdt4pr
 PEN TABLE: standard-trans.tbl

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.

COUNTY CLERKS PLAT OF THE

SW 1/4 OF SECT. 26-45-8

DOCUMENT NO. 14084

BOOK 2 OF PLATS, PAGE 38

RECORDED: MAY 6, 1902

SECTION 05-00067-00-CH COUNTY McHENRY TOTAL SHEETS 226 NO. 68

LEGEND

- SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
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EXISTING BUILDING

BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007). COMBINED SCALE FACTOR = 0.999943911

- IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
THESE STAKES REFERENCE FOUND OR SET MONUMENTATION SET 5/8 INCH IRON ROD PLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH RRFRAR.
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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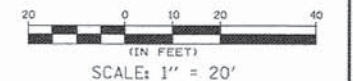
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DATED AT McHENRY, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO.
LICENSE EXPIRATION DATE:

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



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www.secgroupinc.com

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 336
ROUTE 120/31 - McHENRY, IL
SECTION: 05-00067-00-CH COUNTY: McHENRY
PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89
SCALE: 1"=20' SHEET: 5 OF 12

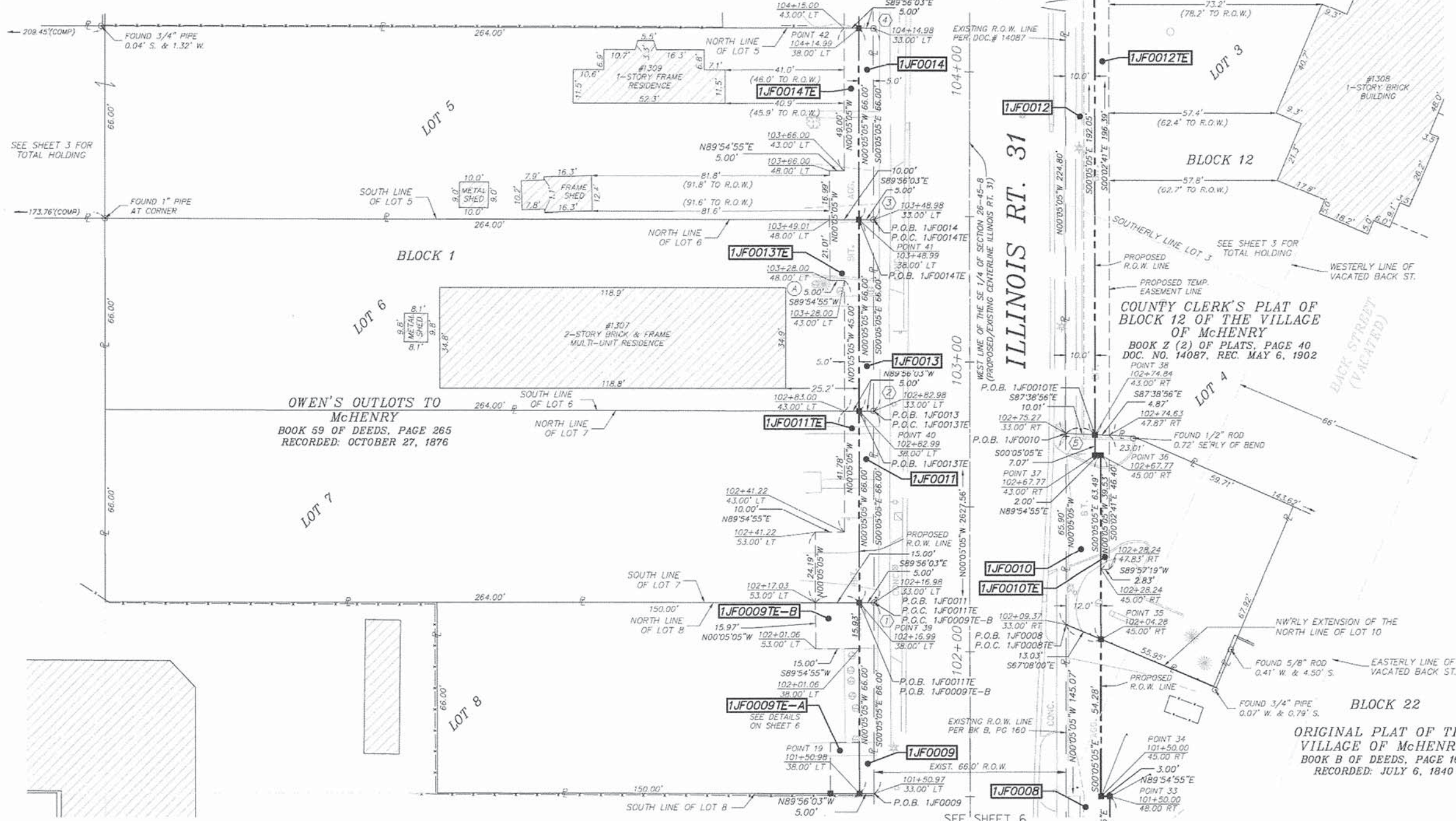
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-10 MADE BY: RBM
REVISION 2: PER IDOT REVIEW DATED 08-11-11 DATE: 08-25-11 MADE BY: BOE/RBM
REVISION 3: ADDED 1JF0004TE DATE: 10-25-11 MADE BY: CLD
REVISION 4: ADDED PORCHES & STOOPS DATE: 7-18-12 MADE BY: RBM

Table with columns: PARCEL NUMBER, OWNER, P.I.N., TOTAL HOLDINGS (ACRES), AREA TAKEN (ACRES, SQUARE FEET), PREV. DED'D OR USED AREA (ACRES), REMAINING AREA (ACRES), EASEMENT AREA (ACRES, SQUARE FEET), EASEMENT PURPOSE, ACQUIRED BY.

COMPANY NAME:
PROJECT CONTACT:
DATE PLOTTED:
FILE NAME:
PLOT DRIVER:
PEN TABLE:

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION LINE
- QUARTER SECTION LINE
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- MEASURED DIMENSION
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SECTION CORNER

QUARTER SECTION CORNER

BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007). COMBINED SCALE FACTOR = 0.999943911

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY, SET 5/8" INCH REBAR.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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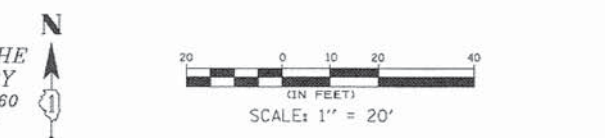
STATE OF ILLINOIS } S.S.
 COUNTY OF McHENRY }

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

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



PARCEL NUMBER	OWNER	P.I.N.	TOTAL HOLDINGS (ACRES)	AREA TAKEN		PREV. DED'D OR USED AREA (ACRES)	REMAINING AREA (ACRES)	EASEMENT AREA		EASEMENT PURPOSE	ACQUIRED BY:
				ACRES	SQUARE FEET			ACRES	SQUARE FEET		
1JF0008 1JF0008TE	BRUCE E. KOEPKE AND LINDA M. KOEPKE, HUSBAND AND WIFE, IN JOINT TENANCY	09-26-408-015 09-26-408-005 09-26-408-019	0.384	0.076		N/A	0.308	0.070		GRADING	
1JF0009 1JF0009TE-A 1JF0009TE-B	McHENRY TOWNSHIP FIRE PROTECTION DISTRICT	09-26-331-018	0.227	0.008	330	N/A	0.219	0.004 0.005	175 239	GRADING	
1JF0010 1JF0010TE	FIRST MIDWEST BANK AS SUCCESSOR TO THE McHENRY STATE BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED MAY 8, 1975 KNOWN AS TRUST NUMBER 774	09-26-408-026	0.108	0.018		N/A	0.090	0.003	146	GRADING	
1JF0011 1JF0011TE	McHENRY TOWNSHIP FIRE PROTECTION DISTRICT	09-26-331-017	0.400	0.008	330	N/A	0.392	0.013		GRADING	
1JF0012 1JF0012TE	DARREL LITTLE AND MARILYN J. LITTLE, AS JOINT TENANTS	09-26-408-028	0.966	0.059		0.006 (276 S.F.)	0.907	0.022		GRADING	
1JF0013 1JF0013TE	JR REAL ESTATE, INC., AN ILLINOIS CORPORATION	09-26-331-016	0.400	0.008	330	N/A	0.392	0.010	435	GRADING	
1JF0014 1JF0014TE	RAYMOND WALSH AND KATHLEEN ANN WALSH, AS JOINT TENANTS	09-26-331-015 09-26-331-005	0.690	0.008	330	N/A	0.682	0.010	415	GRADING	

BUILDING TIES:

① NORTHEAST BUILDING CORNER IS 20.2' FROM T.E. AND 25.2' FROM PROPOSED R.O.W.

MONUMENT DESCRIPTIONS:

① FOUND 1" ROD 0.15' W. & ON LINE

② FOUND 5/8" ROD 0.07' N. & 0.11' W.

③ FOUND 3/4" PIPE AT CORNER

④ FOUND 3/4" PIPE AT CORNER

⑤ FOUND CROSS IN CONCRETE 0.11' E. & 1.00' S.

REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-10 MADE BY: RBM
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PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 336
 ROUTE 120/31 - McHENRY, IL
 SECTION: 05-00067-00-CH COUNTY: McHENRY
 PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
 STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89
 SCALE: 1"=20' SHEET: 7 OF 12

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

COMPANY NAME: _____
 PROJECT CONTACT: _____
 CLIENT: _____
 DATE PLOTTED: 08/06/11-pch-07.dgn
 FILE NAME: pch.dgn
 PLOT DRIVER: pch.plt
 PEN TABLE: sstandard-trans.tbl

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.

SEE SHEET 9

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
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COUNTY OF McHENRY }

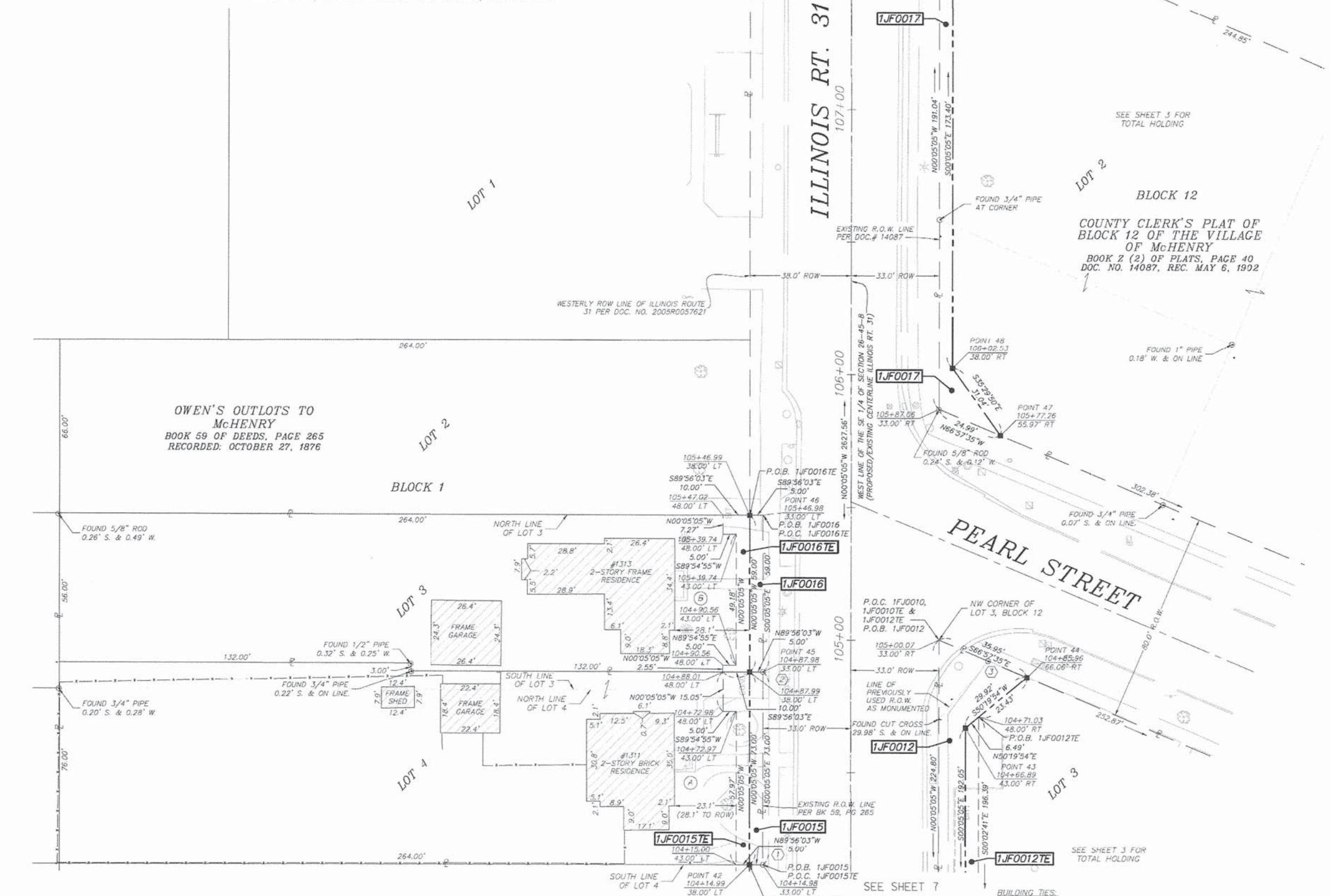
THIS IS TO CERTIFY THAT I, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE CITY OF McHENRY, STATE OF ILLINOIS.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

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

SCALE: 1" = 20'



PARCEL NUMBER	OWNER	P.I.N.	TOTAL HOLDINGS (ACRES)	AREA TAKEN		PREV. DED'D OR USED AREA (ACRES)	REMAINING AREA (ACRES)	EASEMENT AREA		ACQUIRED BY:
				ACRES	SQUARE FEET			ACRES	SQUARE FEET	
1JF0012 1JF0012TE	DARREL LITTLE AND MARILYN J. LITTLE, AS JOINT TENANTS	09-26-408-028	0.966	0.059		0.006 (276 S.F.)	0.907	0.022	440	GRADING
1JF0015 1JF0015TE	JEFFERY S. FRANK AND SUSAN L. FRANK, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	09-26-331-014	0.452	0.008	364	N/A	0.443	0.010	440	GRADING
1JF0016 1JF0016TE	CAROL A. COONEY 2002 TRUST	09-26-331-013	0.348	0.007	295	N/A	0.341	0.008	344	GRADING
1JF0017 1JF0017TE	JUNCO PROPERTIES, LLC	09-26-405-014 09-26-405-015 09-26-405-016 09-26-405-017 09-26-405-018	1.439	0.026		N/A	1.413	0.001	26	GRADING

BUILDING TIES:

(A) SOUTHEAST BUILDING CORNER IS 30.1' FROM PROP. R.O.W. AND 25.1' FROM TE. NORTHEAST BUILDING CORNER IS 28.2' FROM PROP. R.O.W. AND 18.2' FROM TE.

(B) SOUTHEAST BUILDING CORNER IS 30.0' FROM PROP. R.O.W. AND 20.5' FROM TE. NORTHEAST BUILDING CORNER IS 28.1' FROM PROP. R.O.W. AND 18.2' FROM TE.

MONUMENT DESCRIPTIONS:

(1) FOUND 3/4" PIPE AT CORNER

(2) FOUND 3/4" PIPE AT CORNER

(3) FOUND 5/8" ROD 20.05' SOUTHEASTERLY & ON LINE

REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-10 MADE BY: RBM
REVISION 2: PER IDOT REVIEW DATED 08-11-11 DATE: 08-25-11 MADE BY: BDE/RBM
REVISION 3: ADDED 1JF0008TE DATE: 10-25-11 MADE BY: CLD
REVISION 4: ADDED PORCHES & STOOPS DATE: 7-18-12 MADE BY: RBM

SEC Group, Inc.
An HR Green Company
420 N. Front Street,
McHenry, IL 60050-2136
t. 815.385.1778 f. 815.385.1781
www.secgroupinc.com

McHenry, IL • Yorkville, IL • New Lenox, IL • Chicago, IL

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 336
ROUTE 120/31 - McHENRY, IL

SECTION: 05-00067-00-CH COUNTY: McHENRY
PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89
SCALE: 1"=20' SHEET: 8 OF 12

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

COMPANY NAME: _____
PROJECT CONTACT: _____
DATE PLOTTED: 08/05/11 10:08:09 AM
FILE NAME: 080511-p08-08.dgn
PLOT DRIVER: pdf2prt
PEN TABLE: standard-trans.tbl

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8
EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007). COMBINED SCALE FACTOR = 0.999943911

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SFT 5/8 INCH RFRAR
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS } S.S.
COUNTY OF McHENRY }

THIS IS TO CERTIFY THAT I, _____ AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE CITY OF McHENRY, STATE OF ILLINOIS.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY



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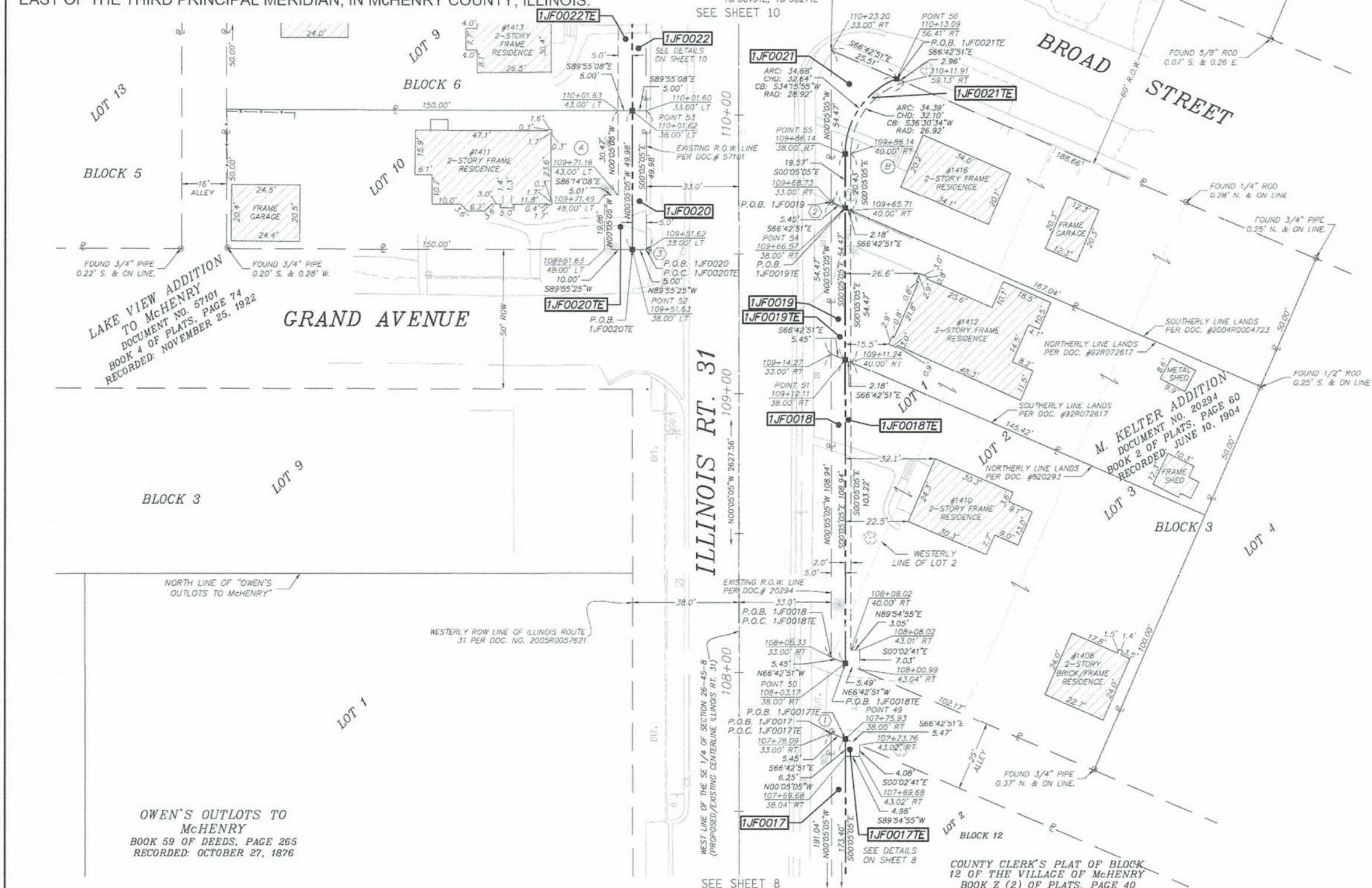
McHenry, IL • Yorkville, IL • New Lenox, IL • Chicago, IL

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 336
ROUTE 120/31 - McHENRY, IL

SECTION: 05-00067-00-CH COUNTY: McHENRY
PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89
SCALE: 1\"/>

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



LAKE VIEW ADDITION
TO McHENRY
DOCUMENT NO. 57101
BOOK 4 OF PLATS, PAGE 74
RECORDED: NOVEMBER 25, 1922

M. KETLER ADDITION
DOCUMENT NO. 20294
BOOK 2 OF PLATS, PAGE 60
RECORDED: JUNE 10, 1904

OWEN'S OUTLOTS TO
McHENRY
BOOK 59 OF DEEDS, PAGE 265
RECORDED: OCTOBER 27, 1876

COUNTY CLERK'S PLAT OF BLOCK
12 OF THE VILLAGE OF McHENRY
BOOK Z (2) OF PLATS, PAGE 40
DOC. NO. 14087, REC. MAY 6, 1902

PARCEL NUMBER	OWNER	P.I.N.	TOTAL HOLDINGS (ACRES)	AREA TAKEN		PREV. DED'D OR USED AREA (ACRES)	REMAINING AREA (ACRES)	EASEMENT AREA		EASEMENT PURPOSE	ACQUIRED BY:
				ACRES	SQUARE FEET			ACRES	SQUARE FEET		
1JF0017 1JF0017TE	JUNCO PROPERTIES, LLC	09-26-405-014 09-26-405-015 09-26-405-016 09-26-405-017 09-26-405-018	1.439	0.026		N/A	1.413	0.001	26	GRADING	
1JF0018 1JF0018TE	THE McHENRY STATE BANK, AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 14TH DAY OF DECEMBER, 1968, AND KNOWN AS TRUST NUMBER 279	09-26-405-003	0.284	0.013		N/A	0.271	0.005	237	GRADING	
1JF0019 1JF0019TE	ROBERT J. DOWE	09-26-405-002	0.179	0.006	272	N/A	0.173	0.003	109	GRADING	
1JF0020 1JF0020TE	JUDY L. WITANOWSKI	09-26-327-043	0.172	0.006	250	N/A	0.166	0.008	348	GRADING	
1JF0021 1JF0021TE	SCOTT MARTIN, A SINGLE PERSON, AND KATHLEEN ALBERS, A SINGLE PERSON, AS JOINT TENANTS	09-26-405-001	0.204	0.011		N/A	0.193	0.003	109	GRADING	
1JF0022 1JF0022TE	PATRICIA BROWNARD AND CURTIS A. FREUND EACH AS TO AN UNDIVIDED 1/2 INTEREST AS TENANTS IN COMMON	09-26-327-042	0.172	0.006	250	N/A	0.166	0.006	250	GRADING	

- BUILDING TIES:**
- (A) SOUTHEAST BUILDING CORNER IS 28.8' FROM PROP. R.O.W. AND 18.8' FROM TE. NORTHEAST BUILDING CORNER IS 28.7' FROM PROP. R.O.W. AND 23.7' FROM TE.
 - (B) SOUTHWEST BUILDING CORNER IS 19.8' FROM PROP. R.O.W. AND 17.8' FROM TE. NORTHWEST BUILDING CORNER IS 22.3' FROM PROP. R.O.W. AND 20.2' FROM TE.

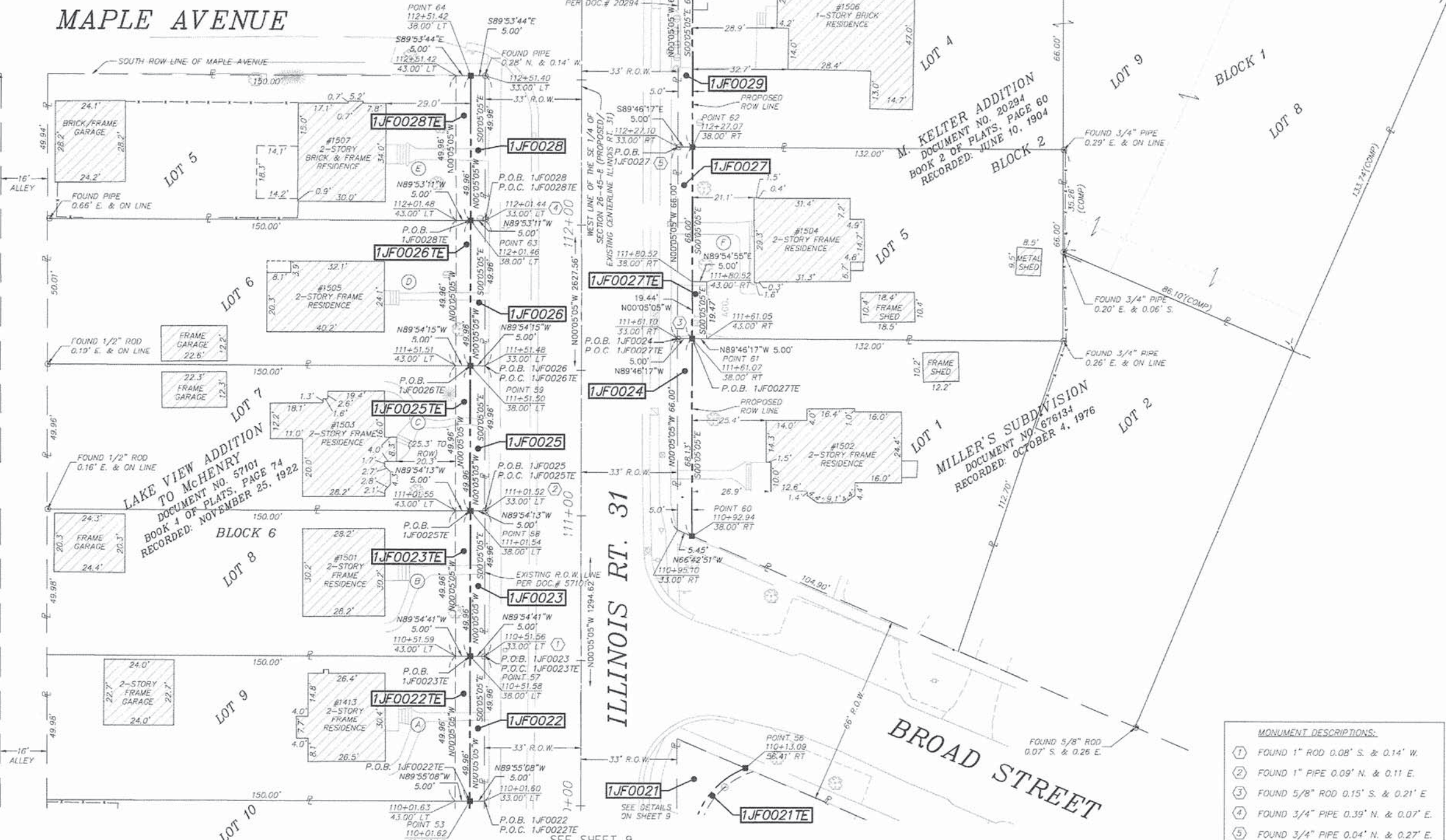
- MONUMENT DESCRIPTIONS:**
- (1) FOUND 5/8" ROD 0.15' E. & 0.45' N.
 - (2) FOUND 5/8" ROD 0.22' SOUTHEASTERLY & ON LINE
 - (3) FOUND 5/8" ROD 0.79' E. & 0.09' S.

REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-10 MADE BY: RBM
REVISION 2: PER IDOT REVIEW DATED 08-11-11 DATE: 08-25-11 MADE BY: BDE/RBM
REVISION 3: ADDED 1JF0008TE DATE: 10-25-11 MADE BY: CLD
REVISION 4: ADDED PORCHES & STOOPS DATE: 7-18-12 MADE BY: RBM

COMPANY NAME: _____
PROJECT CONTACT: _____
CLIENT: _____
DATE PLOTTED: _____
FILE NAME: _____
PLOT DRIVER: _____
PEN TABLE: _____

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.

SECTION 05-00067-00-CH COUNTY MCHENRY TOTAL SHEETS 226 SHEET NO. 73



LEGEND: SECTION LINE, QUARTER SECTION LINE, PLATTED LOT LINE, PROPERTY (DEED) LINE, APPARENT PROPERTY LINE, CENTERLINE, EXISTING RIGHT OF WAY LINE, PROPOSED RIGHT OF WAY LINE, PROPOSED EASEMENT, MEASURED DIMENSION, COMPUTED DIMENSION, RECORDED DIMENSION, EXISTING BUILDING.

BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007). COMBINED SCALE FACTOR = 0.999943911

- IRON PIPE OR ROD FOUND, MAG NAIL SET, CUT CROSS FOUND OR SET, 5/8" REBAR SET, THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS } S.S. COUNTY OF MCHENRY }

THIS IS TO CERTIFY THAT I, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE-ON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE CITY OF MCHENRY, STATE OF ILLINOIS.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. LICENSE EXPIRATION DATE: THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

- MONUMENT DESCRIPTIONS: (1) FOUND 1" ROD 0.08' S. & 0.14' W., (2) FOUND 1" PIPE 0.09' N. & 0.11' E., (3) FOUND 5/8" ROD 0.15' S. & 0.21' E., (4) FOUND 3/4" PIPE 0.39' N. & 0.07' E., (5) FOUND 3/4" PIPE 0.04' N. & 0.27' E.

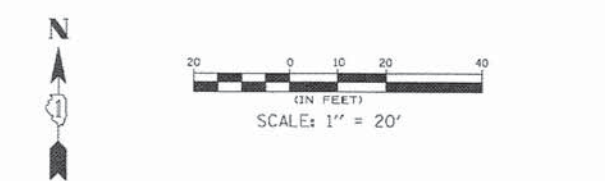


Table with columns: PARCEL NUMBER, OWNER, P.I.N., TOTAL HOLDINGS (ACRES), AREA TAKEN (ACRES, SQUARE FEET), PREV. DED'D OR USED AREA (ACRES), REMAINING AREA (ACRES), EASEMENT AREA (ACRES, SQUARE FEET), EASEMENT PURPOSE, ACQUIRED BY.

- BUILDING TIES: (A) SOUTHEAST BUILDING CORNER IS 29.0' FROM PROP. R.O.W. AND 24.0' FROM TE. NORTHEAST BUILDING CORNER IS 29.1' FROM PROP. R.O.W. AND 24.1' FROM TE. (B) SOUTHEAST BUILDING CORNER IS 29.2' FROM PROP. R.O.W. AND 24.2' FROM TE. NORTHEAST BUILDING CORNER IS 29.3' FROM PROP. R.O.W. AND 24.3' FROM TE.

REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-10 MADE BY: RBM REVISION 2: PER IDOT REVIEW DATED 08-11-11 DATE: 08-25-11 MADE BY: BDE/RBM REVISION 3: ADDED 1JF0008TE DATE: 10-25-11 MADE BY: CLD REVISION 4: ADDED PORCHES & STOOPS DATE: 7-18-12 MADE BY: RBM

SEC Group, Inc. An HR Green Company 420 N. Front Street, McHenry, IL 60050-2136 t. 815.385.1778 f. 815.385.1781 www.secgroupinc.com

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.P. ROUTE 336 ROUTE 120/31 - McHENRY, IL SECTION: 05-00067-00-CH COUNTY: MCHENRY PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06 STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89 SCALE: 1"=20' SHEET: 10 OF 12 BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.

- MONUMENT DESCRIPTIONS:**
- FOUND 1 1/4" PIPE 0.55' N. & 0.04' W.
 - FOUND 5/8" ROD 0.48' S. & 0.05' E.
 - FOUND 5/8" ROD 0.51' S. & 0.40' E.
 - FOUND 1" ROD AT CORNER
 - FOUND 1" ROD AT CORNER

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007). COMBINED SCALE FACTOR = 0.999943911

STATE OF ILLINOIS } S.S.
COUNTY OF McHENRY }

THIS IS TO CERTIFY THAT I, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE CITY OF McHENRY, STATE OF ILLINOIS.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

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

SCALE: 1" = 20'

SEC Group, Inc.
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420 N. Front Street,
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t. 815.385.1778 f. 815.385.1781
www.secgroupinc.com

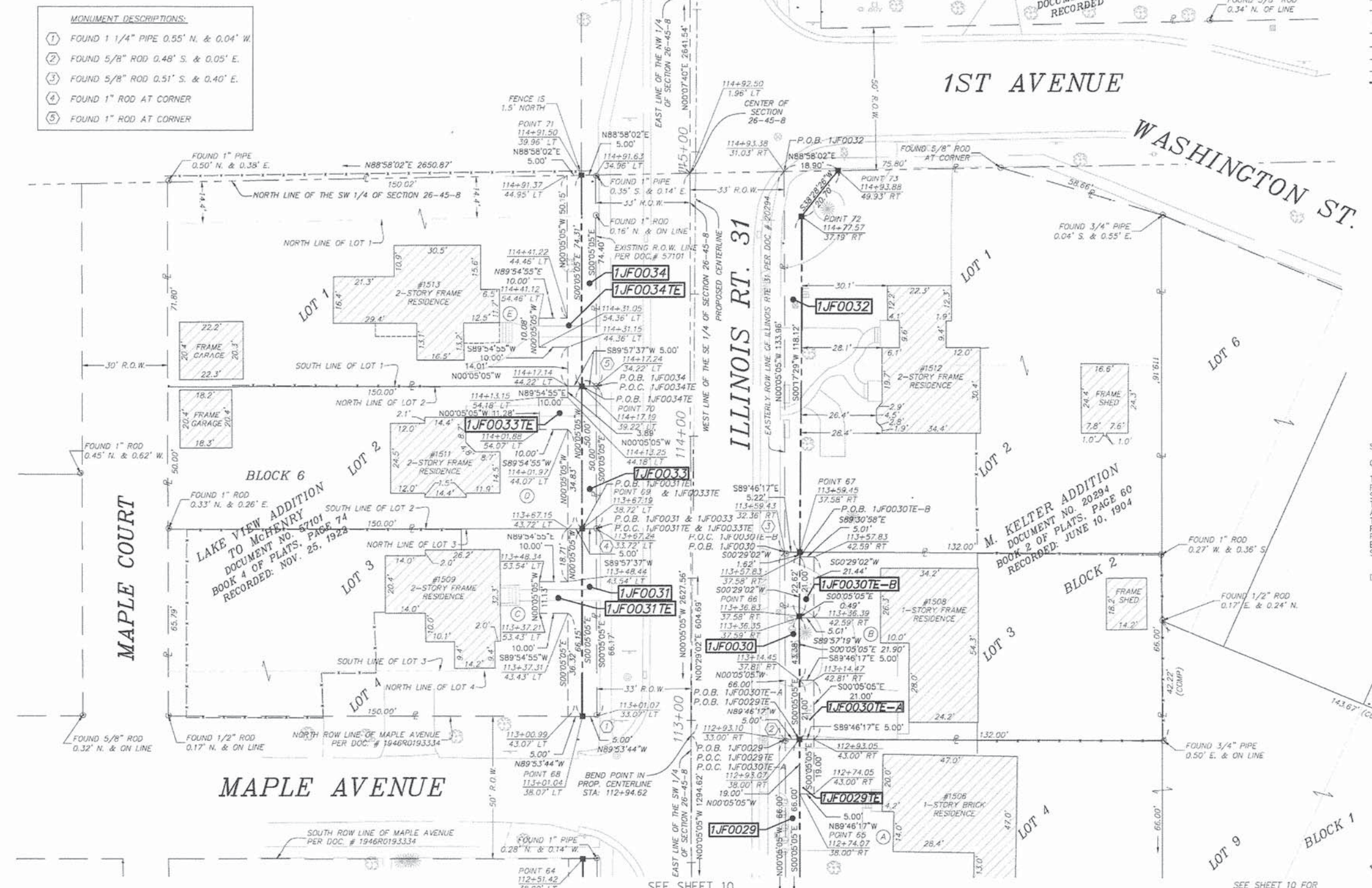
•McHenry,IL •Yorkville,IL •New Lenox,IL •Chicago,IL

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 336
ROUTE 120/31 - McHENRY, IL

SECTION: 05-0067-00-CH COUNTY: McHENRY
PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89
SCALE: 1"=20' SHEET: 11 OF 12

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



PARCEL NUMBER	OWNER	P.I.N.	TOTAL HOLDINGS (ACRES)	AREA TAKEN ACRES	SQUARE FEET	PREV. DED'D OR USED AREA (ACRES)	REMAINING AREA (ACRES)	EASEMENT AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	ACQUIRED BY:
1JF0029 1JF0029TE	NETTLETON DEVELOPMENT, LLC; A WISCONSIN LIMITED LIABILITY COMPANY	09-26-402-004 09-26-402-014 09-26-402-015	0.551	0.008	330	N/A	0.543	0.002	95	GRADING	
1JF0030 1JF0030TE-A 1JF0030TE-B	ANDREW E. MACMEEKIN	09-26-402-003	0.200	0.008	333	N/A	0.192	0.002	104	GRADING	
1JF0031 1JF0031TE	MICHAEL J. FITZGERALD, AS TRUSTEE UNDER TRUST AGREEMENT DATED JANUARY 27, 2003, KNOWN AS TRUST NUMBER 1207	09-26-326-027	0.227	0.008	331	N/A	0.219	0.010	442	GRADING	
1JF0032	BENJAMIN T. KOLENO	09-26-402-001 09-26-402-002	0.399	0.020	N/A	N/A	0.379	N/A	N/A	N/A	
1JF0033 1JF0033TE	DANKO MUSIC AND EDIN MEHANOVIC, AS TENANTS IN COMMON	09-26-326-026	0.172	0.006	250	N/A	0.166	0.008	363	GRADING	
1JF0034 1JF0034TE	KAREN GLASGOW AND RANDALL CHRISMAN, IN JOINT TENANCY	09-26-326-025	0.252	0.009	372	N/A	0.243	0.011	450	GRADING	

- BUILDING TIES:**
- SEE SHEET 10 FOR BUILDING TIES.
 - SOUTHWEST BUILDING CORNER IS 38.4' FROM PROP. R.O.W. AND 33.3' FROM TE. NORTHWEST BUILDING CORNER IS 28.4' FROM PROP. R.O.W. AND 23.4' FROM TE.
 - SOUTHEAST BUILDING CORNER IS 30.5' FROM PROP. R.O.W. AND 25.5' FROM TE. NORTHEAST BUILDING CORNER IS 28.7' FROM PROP. R.O.W. AND 23.7' FROM TE.
 - SOUTHWEST BUILDING CORNER IS 28.7' FROM PROP. R.O.W. AND 23.7' FROM TE. NORTHEAST BUILDING CORNER IS 40.6' FROM PROP. R.O.W. AND 25.6' FROM TE.
 - SOUTHWEST BUILDING CORNER IS 41.2' FROM PROP. R.O.W. AND 36.2' FROM TE. NORTHEAST BUILDING CORNER IS 35.3' FROM PROP. R.O.W. AND 30.3' FROM TE.
- REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-10 MADE BY: RBM
REVISION 2: PER IDOT REVIEW DATED 08-11-11 DATE: 08-25-11 MADE BY: BDE/RBM
REVISION 3: ADDED 1JF0003TE DATE: 10-25-11 MADE BY: CLD
REVISION 4: ADDED PORCHES & STOOPS DATE: 7-18-12 MADE BY: RBM

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: [REDACTED]
CLIENT: [REDACTED]
DATE PLOTTED: 3/01/14 PM
FILE NAME: 08061-p011-11.dgn
PLOT DRIVER: pldrvr
PEN TABLE: standard-trans.tbl

PART OF THE SOUTH 1/2 OF SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS.

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
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- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

SECTION 05-00067-00-CH COUNTY McHENRY TOTAL SHEETS 226 SHEET NO. 75

129.32' (129.32') (129.32')

9 10 16 15

SECTION CORNER

QUARTER SECTION CORNER

BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007). COMBINED SCALE FACTOR = 0.999943911

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH RFRAR.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS } S.S.
COUNTY OF McHENRY }

THIS IS TO CERTIFY THAT I, _____ AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE-ON IN SECTION 26, TOWNSHIP 45 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE CITY OF McHENRY, STATE OF ILLINOIS.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

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

SEC Group, Inc.
An HR Green Company
420 N. Front Street,
McHenry, IL 60050-2136
L 815.385.1778 F 815.385.1781
www.secgroupinc.com

•McHenry, IL •Yorkville, IL •New Lenox, IL •Chicago, IL

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 336
ROUTE 120/31 - McHENRY, IL

SECTION: 05-00067-00-CH COUNTY: McHENRY
PROJECT: CMF-0336 (035) JOB NO.: R-91-011-06
STATION: 10+00 - 32+59.04 AND 100+00 - 126+23.89
SCALE: N/A SHEET: 12 OF 12

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

PROPOSED CENTERLINE COORDINATE TABLE

ILLINOIS ROUTE 120				ILLINOIS ROUTE 31			
DESCRIPTION:	STATION:	NORTHING:	EASTING:	DESCRIPTION:	STATION:	NORTHING:	EASTING:
P.O.T. - BEGIN	10+00	2068322.938	1000906.221	P.O.T. - BEGIN	100+00	2068678.427	1002087.864
Course from P.O.T. - BEGIN to P.C. PR120-1 N71°39'06"E Distance: 1,046.16'				Course from P.O.T. - BEGIN to P.O.T. BEND N00°05'05"E Distance: 1,294.62'			
Curve PR120-1:				P.O.T. - BEND 1	112+94.62	2069973.046	1002085.949
P.C.	20+46.16	2068652.258	1001899.190	Course from P.O.T. - BEND 1 to P.O.T. BEND 2 N00°29'02"E Distance: 604.69'			
P.I.	22+33.09	2068714.574	1002087.085	P.O.T. - BEND 2	118+99.31	2070577.714	1002091.054
P.T.	24+24.761	2068637.317	1002269.346	Course from P.O.T. - BEND 1 to P.O.T. BEND 2 N00°05'05"W Distance: 724.58'			
Course from P.T. PR120-1 to END S67°01'44"E Distance: 834.29'				Course from P.O.T. - BEND 1 to P.O.T. BEND 2 N00°05'05"W Distance: 724.58'			
P.O.T. - END	32+59.05	2068311.722	1003037.479	P.O.T. - END	126+23.89	2071302.296	1002089.982

NOTE: ALL COORDINATES REPRESENT GRID COORDINATES BASED ON THE ILLINOIS STATE PLANE COORDINATE, EAST ZONE (NAD 83 (2007)).

CENTERLINE CURVE DATA:
CURVE PR120-1
PI STA. = 22+44.11
Δ = 41°19'09" (RT)
R = 525.00'
T = 197.96'
L = 378.61'
E = 36.08'
P.C. = 20+46.16
P.T. = 24+24.76

SCHEDULE OF TIES TO SET RIGHT OF WAY POINTS

POINT NO.	TIE POINT	TIE DISTANCE (FEET)	POINT NO.	TIE POINT	TIE DISTANCE (FEET)	POINT NO.	TIE POINT	TIE DISTANCE (FEET)	POINT NO.	TIE POINT	TIE DISTANCE (FEET)	POINT NO.	TIE POINT	TIE DISTANCE (FEET)	POINT NO.	TIE POINT	TIE DISTANCE (FEET)
1	T1		12	T1		23	T1		34	T1		45	T1		56	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
2	T1		13	T1		24	T1		35	T1		46	T1		57	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
3	T1		14	T1		25	T1		36	T1		47	T1		58	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
4	T1		15	T1		26	T1		37	T1		48	T1		59	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
5	T1		16	T1		27	T1		38	T1		49	T1		60	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
6	T1		17	T1		28	T1		39	T1		50	T1		61	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
7	T1		18	T1		29	T1		40	T1		51	T1		62	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
8	T1		19	T1		30	T1		41	T1		52	T1		63	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
9	T1		20	T1		31	T1		42	T1		53	T1		64	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
10	T1		21	T1		32	T1		43	T1		54	T1		65	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	
11	T1		22	T1		33	T1		44	T1		55	T1		66	T1	
	T2			T2			T2			T2			T2			T2	
	T3			T3			T3			T3			T3			T3	

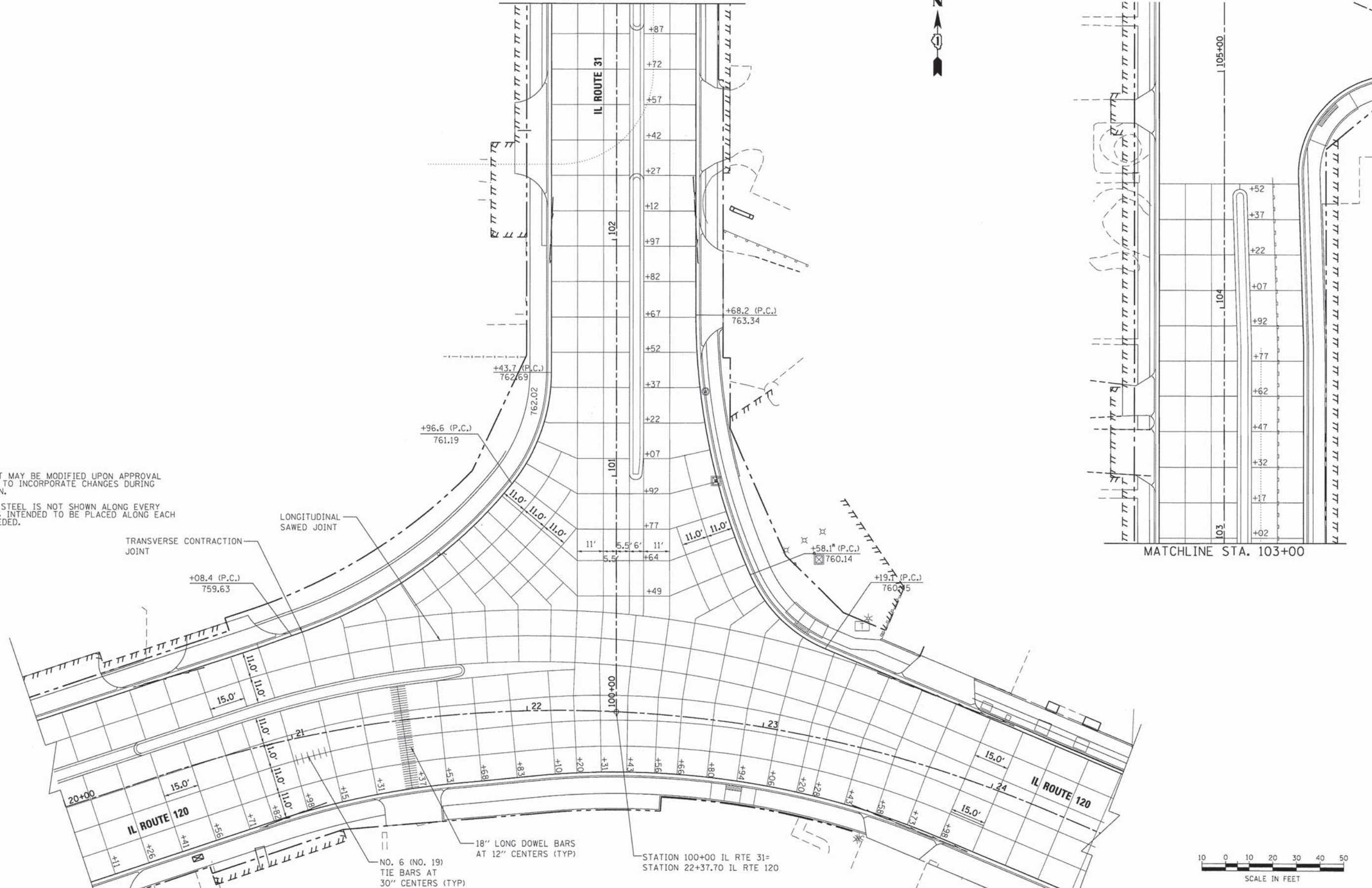
REVISION 1: PER IDOT REVIEW DATED 10-26-10 DATE: 11-2-10 MADE BY: RBM
 REVISION 2: PER IDOT REVIEW DATED 08-11-11 DATE: 08-25-11 MADE BY: BDE/RBM
 REVISION 3: ADDED 1/F00C8TE DATE: 10-25-11 MADE BY: CLD
 REVISION 4: ADDED PORCHES & STOODS DATE: 7-18-12 MADE BY: RBM

COMPANY NAME: _____
 PROJECT CONTACT: _____
 CLIENT: _____
 DATE PLOTTED: 08/06/11 10:12:00
 FILE NAME: 080611-poh-12.dgn
 PLOT DRIVER: pdfcpl
 PEN TABLE: standard-trans.tbl

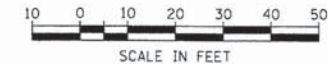
MATCHLINE STA. 103+00



- NOTES:
1. JOINT LAYOUT MAY BE MODIFIED UPON APPROVAL BY ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION.
 2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS NEEDED.



MATCHLINE STA. 103+00



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
 DATE PLOTTED: 08/06/11-pavement-jointing.dgn
 FILE NAME: pdf.dwg
 PLOT DRIVER: standard-trans.tbl

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 # 194-001322

USER NAME = jmojhu	DESIGNED - JRM	REVISED -
PLOT SCALE = 1" = 20'	DRAWN - JRM	REVISED -
PLOT DATE = .DATE.	CHECKED - TH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION JOINTING PLAN
 ILLINOIS ROUTE 31/120**

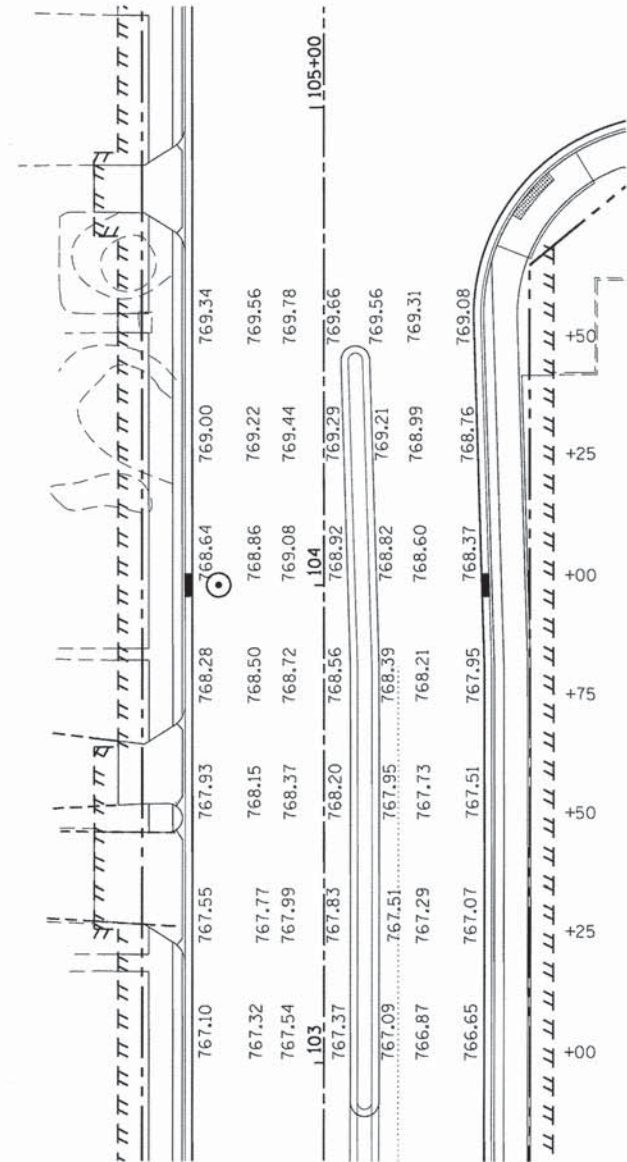
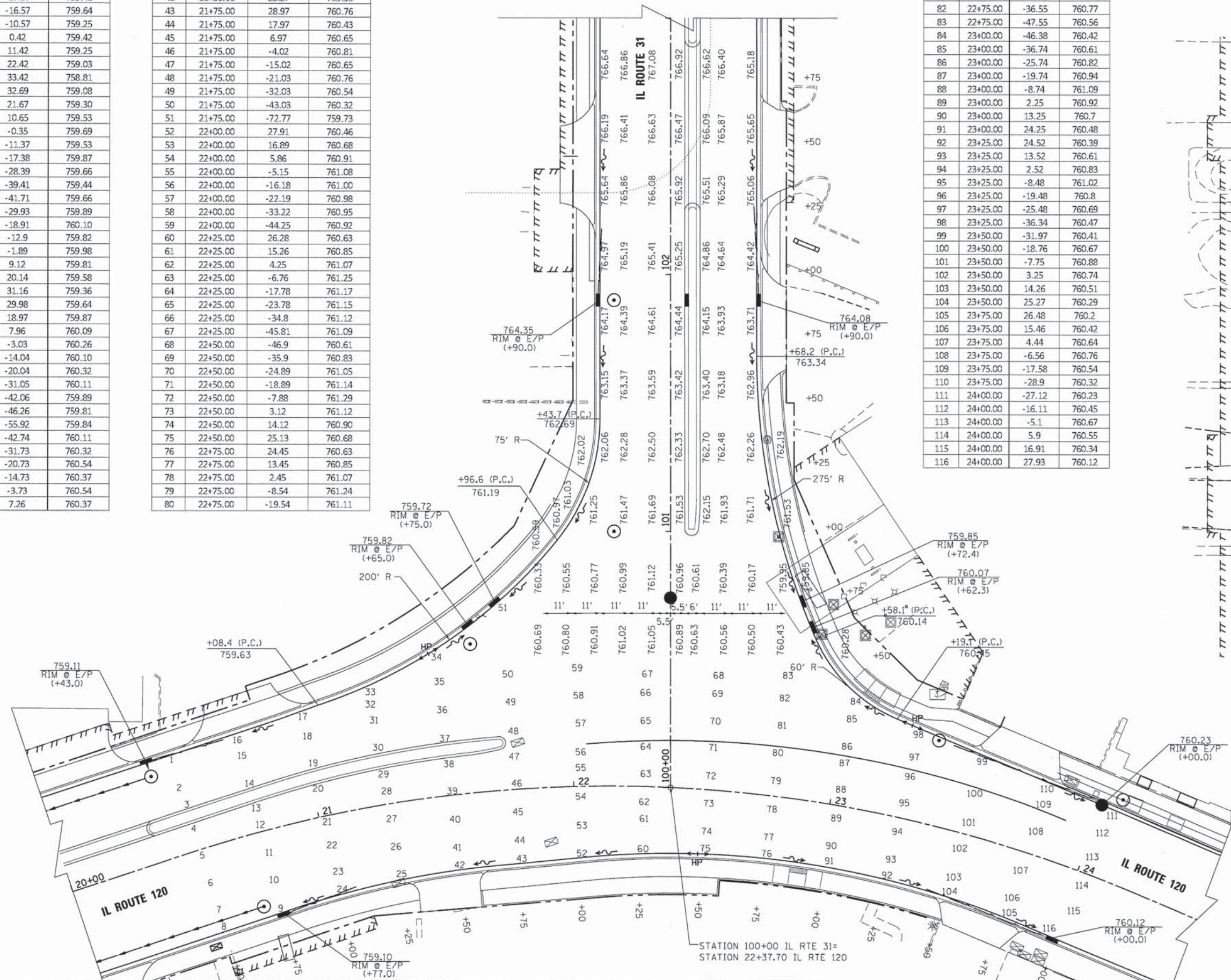
SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 20+00 TO STA. 25+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	76
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

POINT	STATION	OFFSET	ELEVATION
1	20+50.00	-38.57	759.20
2	20+50.00	-27.57	759.42
3	20+50.00	-16.57	759.64
4	20+50.00	-10.57	759.25
5	20+50.00	0.42	759.42
6	20+50.00	11.42	759.25
7	20+50.00	22.42	759.03
8	20+50.00	33.42	758.81
9	20+75.00	32.69	759.08
10	20+75.00	21.67	759.30
11	20+75.00	10.65	759.53
12	20+75.00	-0.35	759.69
13	20+75.00	-11.37	759.53
14	20+75.00	-17.38	759.87
15	20+75.00	-28.39	759.66
16	20+75.00	-39.41	759.44
17	21+00.00	-41.71	759.66
18	21+00.00	-29.93	759.89
19	21+00.00	-18.91	760.10
20	21+00.00	-12.9	759.82
21	21+00.00	-1.89	759.98
22	21+00.00	9.12	759.81
23	21+00.00	20.14	759.58
24	21+00.00	31.16	759.36
25	21+25.00	29.98	759.64
26	21+25.00	18.97	759.87
27	21+25.00	7.96	760.09
28	21+25.00	-3.03	760.26
29	21+25.00	-14.04	760.10
30	21+25.00	-20.04	760.32
31	21+25.00	-31.05	760.11
32	21+25.00	-42.06	759.89
33	21+25.00	-46.26	759.81
34	21+50.00	-55.92	759.84
35	21+50.00	-42.74	760.11
36	21+50.00	-31.73	760.32
37	21+50.00	-20.73	760.54
38	21+50.00	-14.73	760.37
39	21+50.00	-3.73	760.54
40	21+50.00	7.26	760.37

POINT	STATION	OFFSET	ELEVATION
41	21+50.00	18.26	760.15
42	21+50.00	29.27	759.93
43	21+75.00	28.97	760.76
44	21+75.00	17.97	760.43
45	21+75.00	6.97	760.65
46	21+75.00	-4.02	760.81
47	21+75.00	-15.02	760.65
48	21+75.00	-21.03	760.76
49	21+75.00	-32.03	760.54
50	21+75.00	-43.03	760.32
51	21+75.00	-72.77	759.73
52	22+00.00	27.91	760.46
53	22+00.00	16.89	760.68
54	22+00.00	5.86	760.91
55	22+00.00	-5.15	761.08
56	22+00.00	-16.18	761.00
57	22+00.00	-22.19	760.98
58	22+00.00	-33.22	760.95
59	22+00.00	-44.25	760.92
60	22+25.00	26.28	760.63
61	22+25.00	15.26	760.85
62	22+25.00	4.25	761.07
63	22+25.00	-6.76	761.25
64	22+25.00	-17.78	761.17
65	22+25.00	-23.78	761.15
66	22+25.00	-34.8	761.12
67	22+25.00	-45.81	761.09
68	22+50.00	-46.9	760.61
69	22+50.00	-35.9	760.83
70	22+50.00	-24.89	761.05
71	22+50.00	-18.89	761.14
72	22+50.00	-7.88	761.29
73	22+50.00	3.12	761.12
74	22+50.00	14.12	760.90
75	22+50.00	25.13	760.68
76	22+75.00	24.45	760.63
77	22+75.00	13.45	760.85
78	22+75.00	2.45	761.07
79	22+75.00	-8.54	761.24
80	22+75.00	-19.54	761.11

POINT	STATION	OFFSET	ELEVATION
81	22+75.00	-25.54	760.99
82	22+75.00	-36.55	760.77
83	22+75.00	-47.55	760.56
84	23+00.00	-46.38	760.42
85	23+00.00	-36.74	760.61
86	23+00.00	-25.74	760.82
87	23+00.00	-19.74	760.94
88	23+00.00	-8.74	761.09
89	23+00.00	2.25	760.92
90	23+00.00	13.25	760.7
91	23+00.00	24.25	760.48
92	23+25.00	24.52	760.39
93	23+25.00	13.52	760.61
94	23+25.00	2.52	760.83
95	23+25.00	-8.48	761.02
96	23+25.00	-19.48	760.8
97	23+25.00	-25.48	760.69
98	23+25.00	-36.34	760.47
99	23+50.00	-31.97	760.41
100	23+50.00	-18.76	760.67
101	23+50.00	-7.75	760.88
102	23+50.00	3.25	760.74
103	23+50.00	14.26	760.51
104	23+50.00	25.27	760.29
105	23+75.00	26.48	760.2
106	23+75.00	15.46	760.42
107	23+75.00	4.44	760.64
108	23+75.00	-6.56	760.76
109	23+75.00	-17.58	760.54
110	23+75.00	-28.9	760.32
111	24+00.00	-27.12	760.23
112	24+00.00	-16.11	760.45
113	24+00.00	-5.1	760.67
114	24+00.00	5.9	760.55
115	24+00.00	16.91	760.34
116	24+00.00	27.93	760.12



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm #184-001322
 CLIENT: FAP 333, FAP 336, FAU 81
 DATE PLOTTED: 08/01/16
 FILE NAME: 08081-16-01.dgn
 PLOT NUMBER: jordan@hrgreen.com
 PEN TABLE: standard-trans.tbl



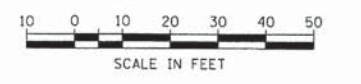
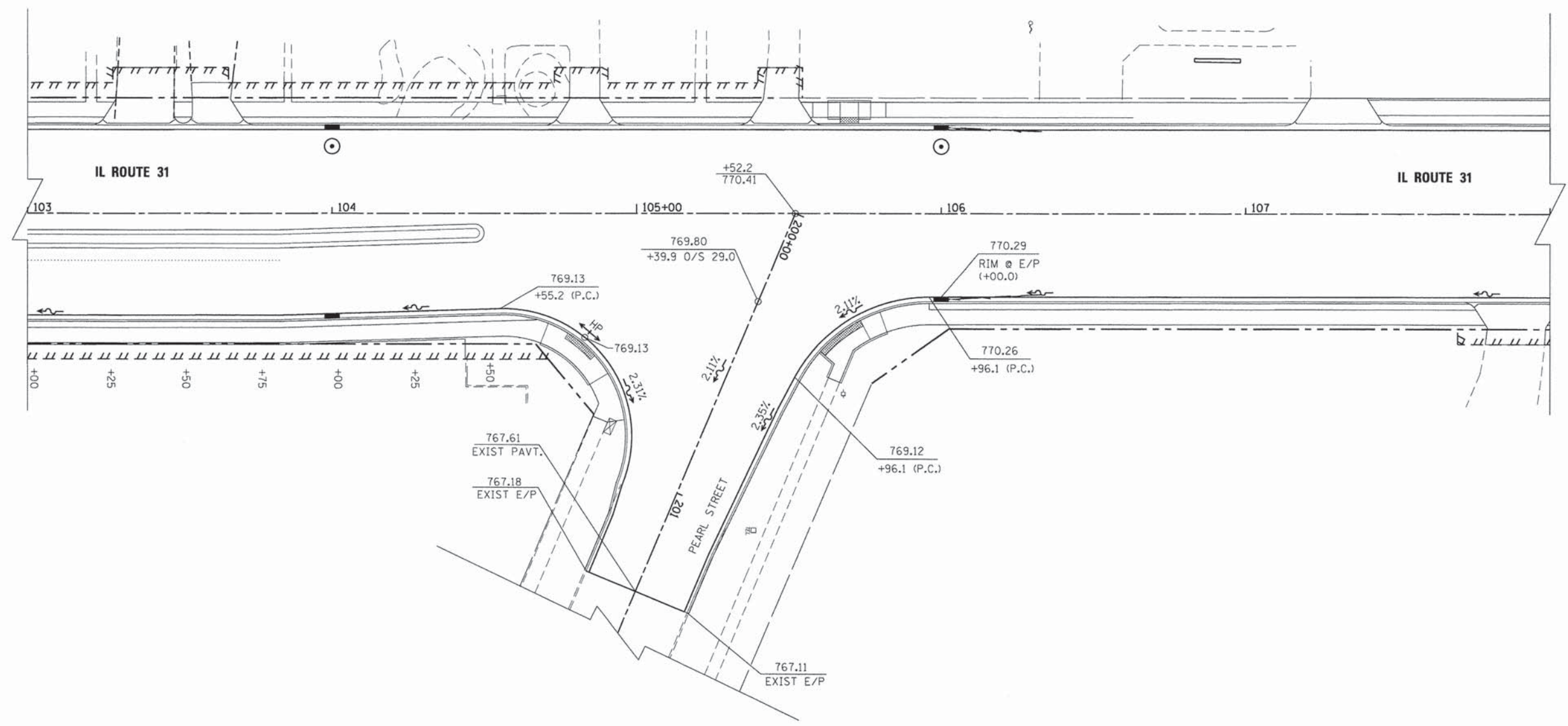
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PLOT SCALE = 1" = 20'	DRAWN - JPA	REVISED -
PLOT DATE = .DATE1.	CHECKED - TH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INTERSECTION ELEVATION PLAN
 IL 31 AT IL 120

SCALE: 1" = 20' SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• FAP 333, FAP 336, FAU 81	05-00067-00-CH	MCHENRY	226	77
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63750	



COMPANY NAME: HRGreen
 PROJECT CONTACT: jpa@hrgreen.com
 CLIENT: HRGreen
 DATE PLOTTED: 3/17/23 3:07:23 PM
 FILE NAME: 050067-00-CH.dwg
 PLOT DATE: 3/17/23 3:07:23 PM
 PLOT SCALE: 1" = 20'
 PLOT SIZE: 24" x 36"

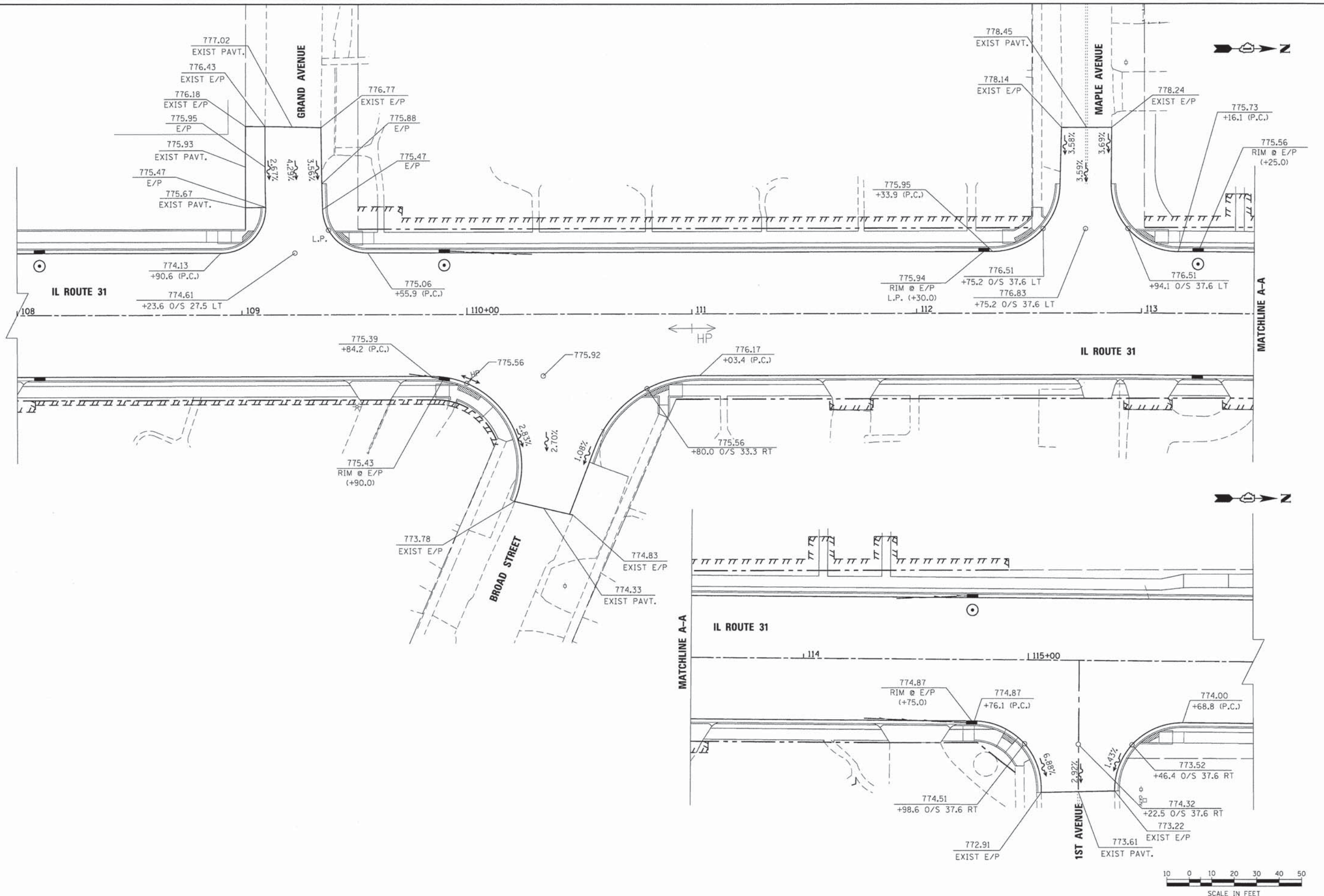


USER NAME = jpa@hrgreen.com	DESIGNED - DCJ	REVISED -
PLOT SCALE = 1" = 20'	DRAWN - JPA	REVISED -
PLOT DATE = .DATE1.	CHECKED - TH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN PEARL STREET			
SCALE: 1" = 20'	SHEET NO. 2 OF 4 SHEETS	STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	78
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



COMPANY NAME: HRGreen
 PROJECT CONTACT: JPA
 CLIENT: HRGreen
 DATE PLOTTED: 08/01/10 10:03:00 AM
 FILE NAME: 080611-10p-03.dgn
 PLOT DRIVER: acadplot
 PEN TABLE: standard-trans.tbl



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	DRAWN - JPA	REVISED -
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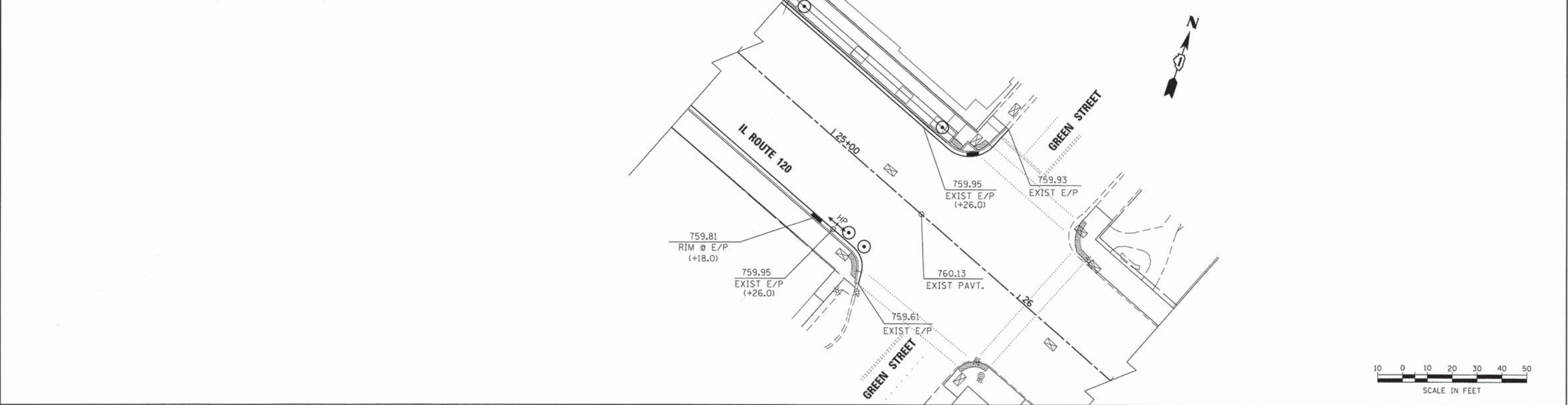
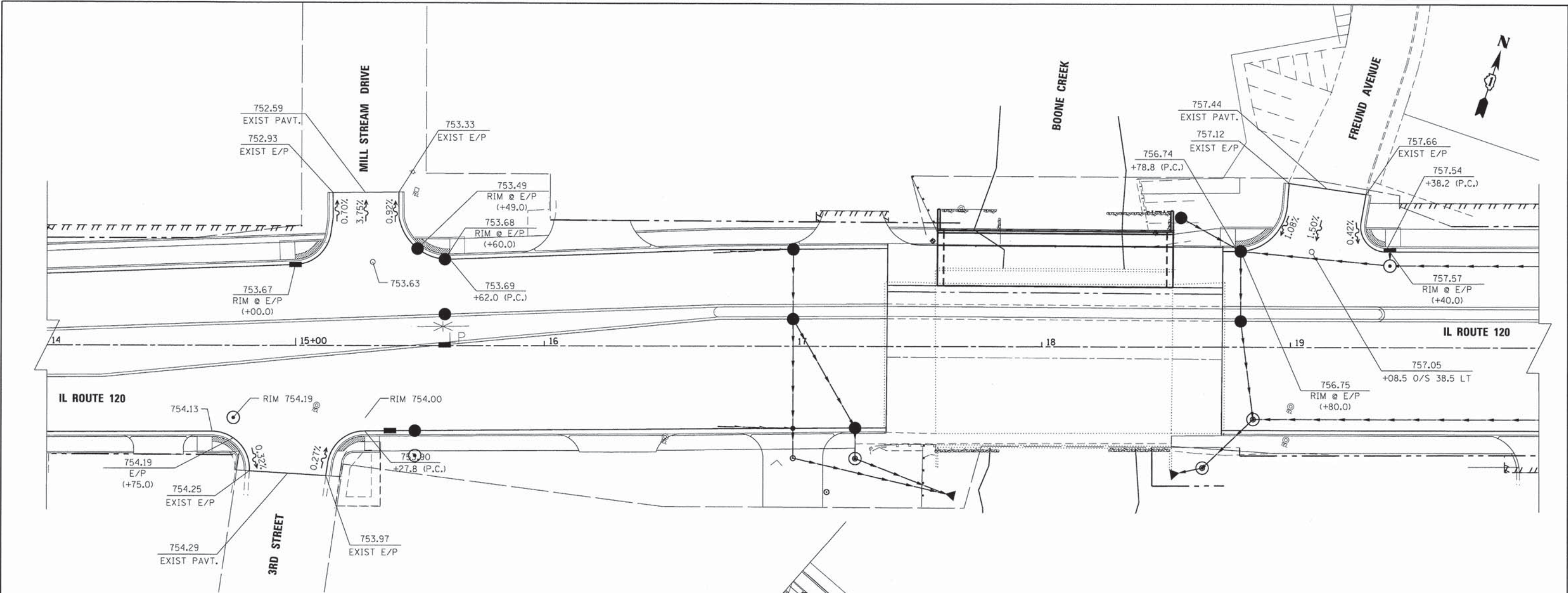
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN
GRAND & MAPLE AVENUE, BROAD STREET

SCALE: 1" = 20' SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	79
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				





COMPANY NAME: HRGreen
 PROJECT CONTACT: JPA
 DATE: 3/03/21 PM
 DATE PLOTTED: 3/03/21
 PLOT BRN: 000000
 PEN TABLE: standard-trans.tbl



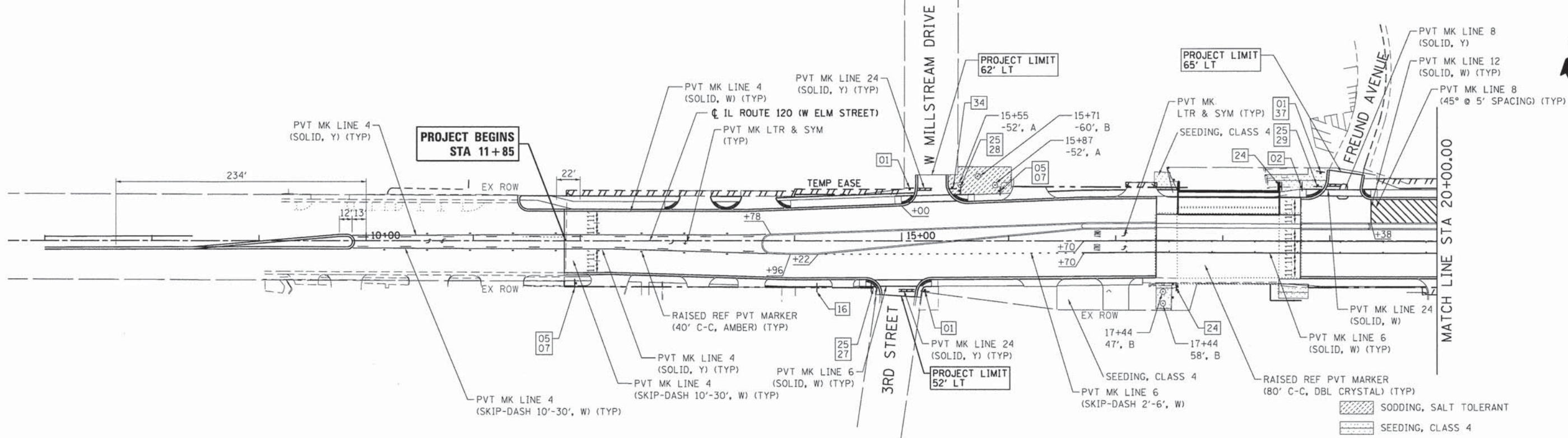
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DRAWN - JPA	REVISOR -	
CHECKED - TH	REVISOR -	
DATE -	REVISOR -	
PLOT SCALE = 1" = 20'		
PLOT DATE = .DATE1.		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN
 3RD STREET, FREUND AVENUE
 SCALE: 1" = 20' SHEET NO. 4 OF 4 SHEETS STA. TO STA.

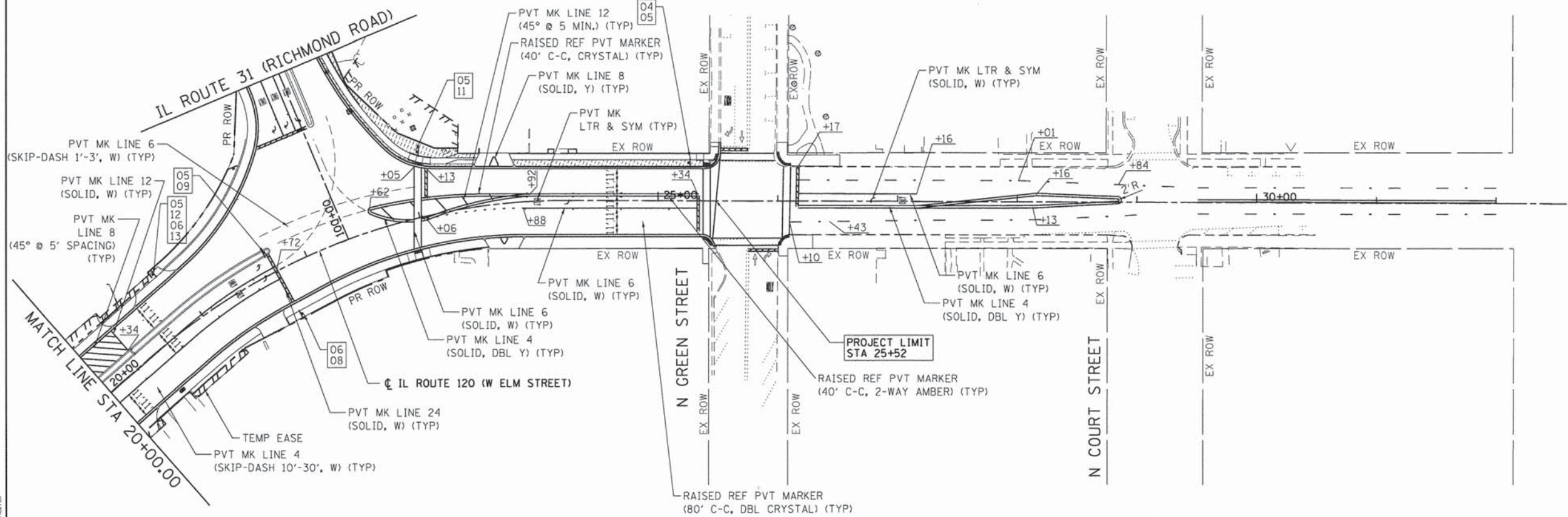
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• FAP 333, FAP 336, FAU 81	05-00067-00-CH	MCHENRY	226	80
CONTRACT NO. 63750			ILLINOIS FED. AID PROJECT	





NOTES:
 1. ALL PAVEMENT MARKINGS ON PCC PAVEMENT AND ALONG THE EXISTING BRIDGE SHALL BE POLYUREA UNLESS OTHERWISE NOTED.
 2. ALL PAVEMENT MARKINGS ON HMA PAVEMENT SHALL BE THERMOPLASTIC UNLESS NOTED OTHERWISE.

- SODDING, SALT TOLERANT
- SEEDING, CLASS 4
- TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED
- TREE, PYRUS CALLERYANA ARISTOCRAT (ARISTOCRAT CALLERY PEAR), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED



NOTES:
 1. ALL PAVEMENT MARKINGS ON PCC PAVEMENT AND ALONG THE EXISTING BRIDGE SHALL BE POLYUREA UNLESS OTHERWISE NOTED.
 2. ALL PAVEMENT MARKINGS ON HMA PAVEMENT SHALL BE THERMOPLASTIC UNLESS NOTED OTHERWISE.



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jmelhus
 CLIENTS: HRGreen
 DATE PLOTTED: 05/06/2013 3:07:45 PM
 FILE NAME: 080511-pmk-01.dgn
 PLOT DRIVER: pdtgarf
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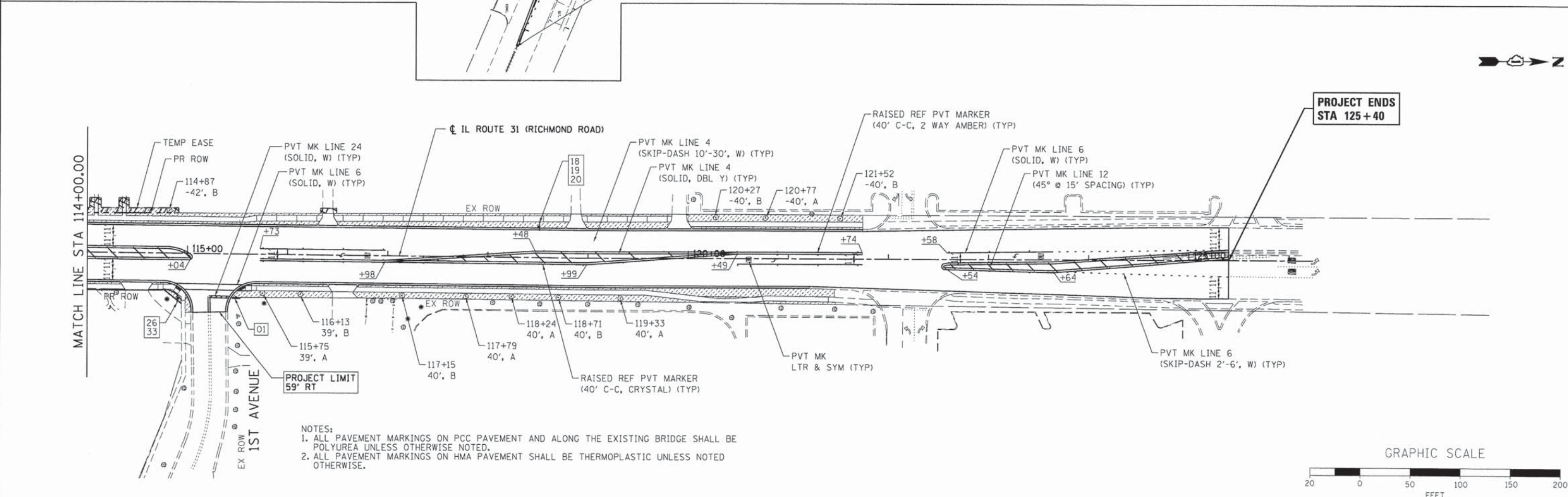
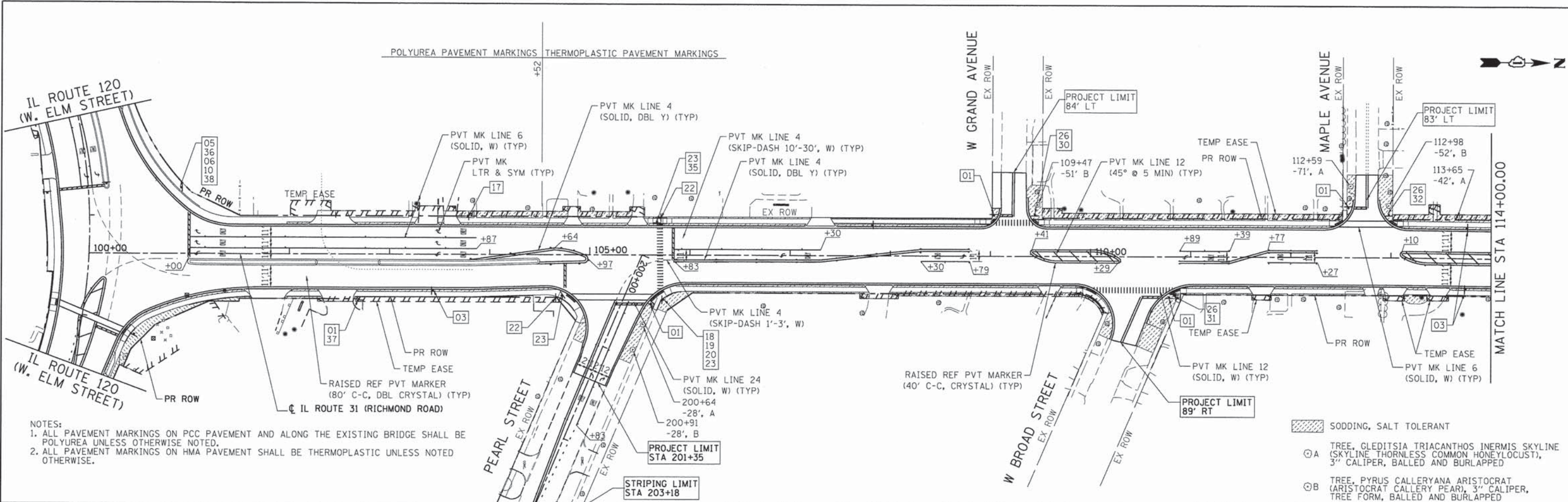


USER NAME = jmelhus	DESIGNED - JRM	REVISED -
DRAWN - SMP	REVISED -	REVISED -
CHECKED - TH	REVISED -	REVISED -
DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN			
ILLINOIS ROUTE 31/120			
SCALE: 1" = 50'	SHEET NO. 1 OF 3 SHEETS	STA. 11+85 TO STA. 25+52	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	81
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



COMPANY NAME: HRGreen
 PROJECT CONTACT: jme1hvi
 DATE PLOTTED: 08/01/11
 FILE NAME: 080811-pmk-02.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

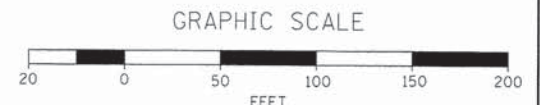
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN
ILLINOIS ROUTE 31/20
 SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 100+00 TO STA. 125+40

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	82
•	FAP 333, FAP 336, FAU 81	MCHENRY	CONTRACT NO. 63750	

ILLINOIS FED. AID PROJECT





01
R1-1
36" X 36"



02
R2-1
30" X 36"



03
R2-1
30" X 36"



04
M2-1
21" X 15"



05
M1-1100
24" X 24"



06
M1-1100
30" X 24"



07
M5-1
21" X 15"



08
M6-2
21" X 15"



09
M6-1
21" X 15"



10
M6-4
21" X 15"



11
M6-7
21" X 15"



12
M3-3
24" X 12"



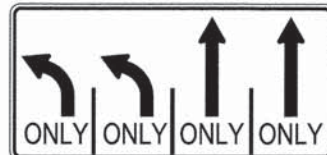
13
M3-4
24" X 12"



14
R10-11b
36" X 36"



15
R10-5
30" X 36"



16
R3-8b
48" X 30"



17
R3-8b
48" X 30"



18
S4-3P
24" X 8"



19
CUSTOM R5-3
24" X 30"



20
W13-1
18" X 18"



21
S5-1
24" X 48"



22
R10-15



23
R10-2
9" X 12"



24
CUSTOM
24" X 18"



38
R10-11c



25
CUSTOM
24" X 12"



26
CUSTOM
24" X 12"



27
CUSTOM
24" X 12"



28
CUSTOM
24" X 12"



29
CUSTOM
24" X 12"



30
CUSTOM
24" X 12"



31
CUSTOM
24" X 12"



32
CUSTOM
24" X 12"



33
CUSTOM
24" X 12"



34
R5-2
24" X 24"



35
R5-2
24" X 24"



36
M6-1
21" X 15"



37
R3-2
30" X 30"

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
DATE PLOTTED: 08/06/11
FILE NAME: 080611-pmk-01.dgn
PLOT DRIVER: pd7.plt
PEN TABLE: standard-trans.tbl



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN
SIGN LEGEND**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	83
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
[ILLINOIS] FED. AID PROJECT				

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

EROSION CONTROL GENERAL NOTES

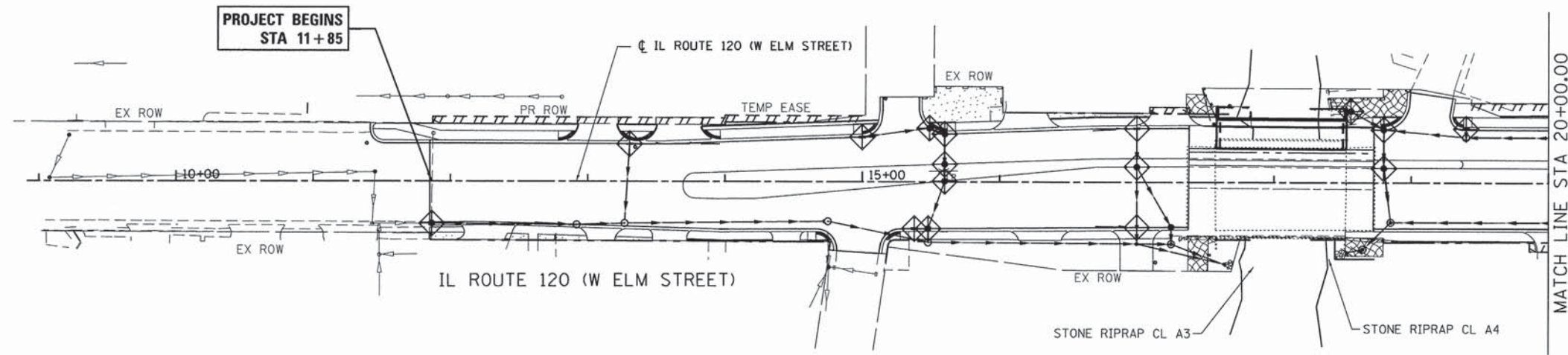
1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
2. PROPERTIES AND CHANNELS ADJOINING THE SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.
3. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

EROSION CONTROL GENERAL NOTES (CONT.)

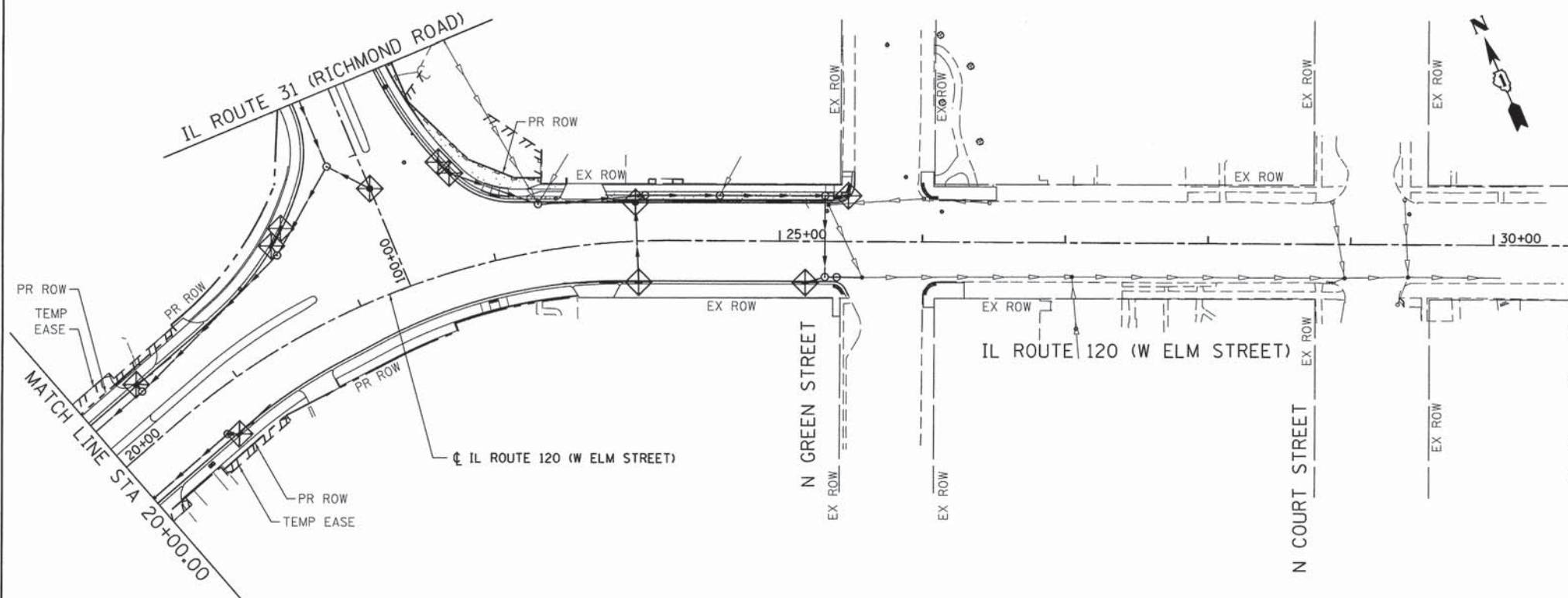
4. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.
5. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
6. IF DEWATERING SERVICES ARE USED ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).

EROSION CONTROL GENERAL NOTES (CONT.)

7. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
8. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO THE CONSTRUCTION SITE, CHANNEL, WATERS OF THE UNITED STATES OR ISOLATED WATERS. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.



- LEGEND**
- TREE TRUNK PROTECTION (EA)
 - INLET FILTERS (UNLESS OTHERWISE NOTED) (EA)
 - PERIMETER EROSION BARRIER (FT)
 - TEMPORARY EROSION CONTROL SEEDING (POUND) WITH HEAVY DUTY EROSION CONTROL BLANKET
 - TEMPORARY EROSION CONTROL SEEDING (POUND) WITH TEMPORARY EROSION CONTROL BLANKET

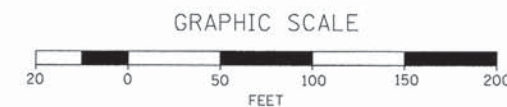


THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

EROSION CONTROL GENERAL NOTES (CONT.)

9. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.
10. PERMANENT EROSION CONTROL SHALL INCLUDE TOPSOIL FURNISH AND PLACE, 4" AND SEEDING TO BE PROVIDED IN ACCORDANCE WITH ARTICLE 250 OF THE STANDARD SPECIFICATIONS.
11. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN FOR THIS PROJECT.
12. THE EROSION CONTROL BLANKET (SINGLE, DOUBLE NET OR TRM) MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER SPECIFICATION AND REQUIREMENTS. THE EROSION CONTROL BLANKET MUST BE IN FIRM CONTACT WITH THE SOIL. IT SHALL BE ANCHORED PER MANUFACTURER'S RECOMMENDATION WITH THE PROPER NUMBER AND SPACING OF WIRE STAPLES. THE STAPLES MUST BE THE PROPER WIDTH AND LENGTH TO MEET THE MANUFACTURER'S SPECIFICATION. ON SLOPES AND CHANNELS THE BLANKET SHALL BE UNROLLED UPSTREAM TO DOWNSTREAM PARALLEL TO THE DIRECTION OF FLOW. THE UPSTREAM END AT THE TOP OF THE SLOPE, EACH BLANKET MUST BE ANCHORED IN A MINIMUM 6-INCH DEEP ANCHOR TRENCH. THE BLANKETS MUST BE LAID LIKE SHINGLES, I.E., ENDS AND EDGES OF BLANKET SECTIONS MUST BE OVERLAPPED IN ROWS IN DIRECTION OF FLOW.

THE TYPE OF EROSION BLANKET MUST BE BASED ON THE FLOW VELOCITY AND SHEAR FORCE IN THE CHANNEL.



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
 DATE PLOTTED: 08/06/25 AM
 PLOT DRIVER: 08/06/25 10:00 AM
 PEN TABLES: 08/06/25 10:00 AM

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

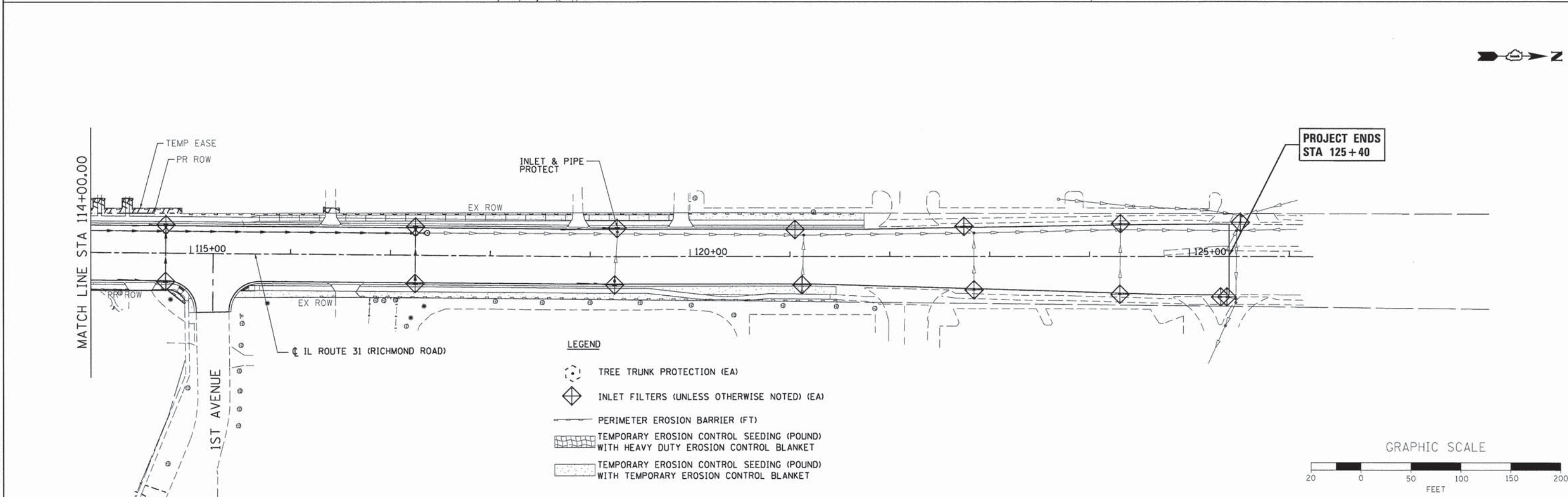
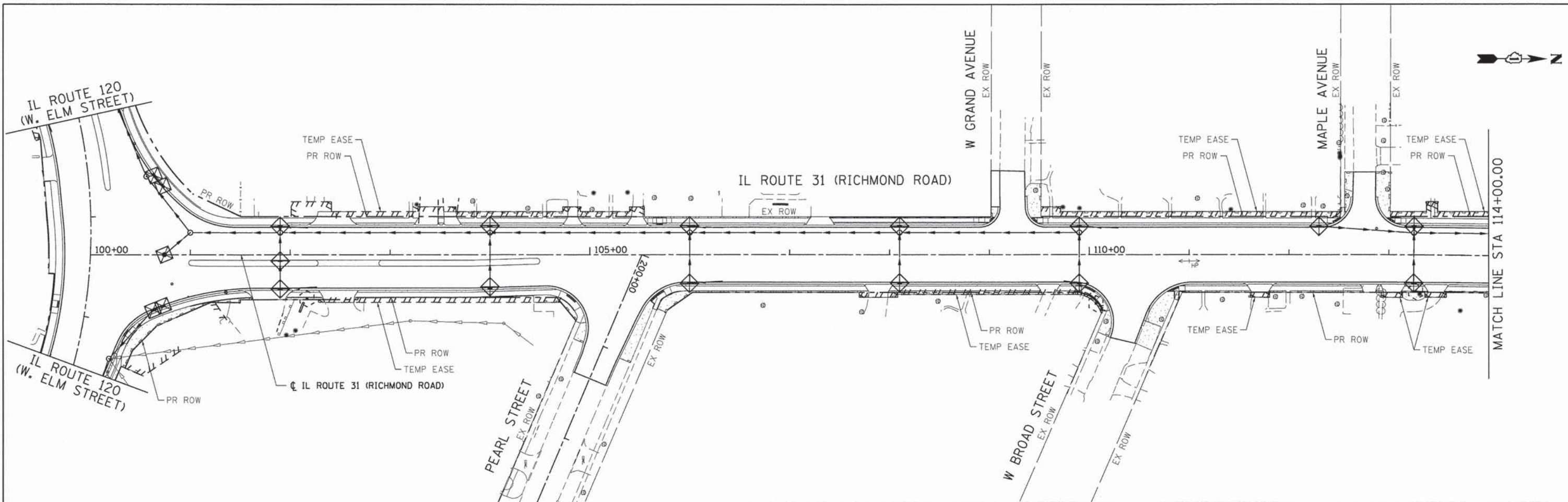
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

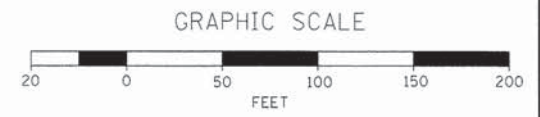
**EROSION CONTROL PLAN
 ILLINOIS ROUTE 31/120**

SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	84
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- TREE TRUNK PROTECTION (EA)
 - INLET FILTERS (UNLESS OTHERWISE NOTED) (EA)
 - PERIMETER EROSION BARRIER (FT)
 - TEMPORARY EROSION CONTROL SEEDING (POUND) WITH HEAVY DUTY EROSION CONTROL BLANKET
 - TEMPORARY EROSION CONTROL SEEDING (POUND) WITH TEMPORARY EROSION CONTROL BLANKET



COMPANY NAME: HRGreen
 PROJECT CONTACT: jma/hus
 CLIENT: HRGreen
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
 ILLINOIS ROUTE 31/120**

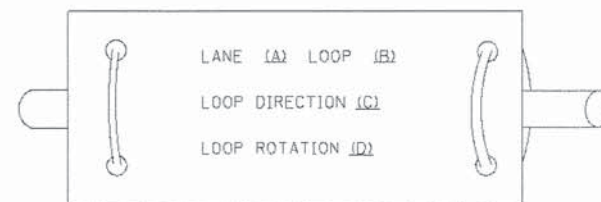
SCALE: 1" = 50' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

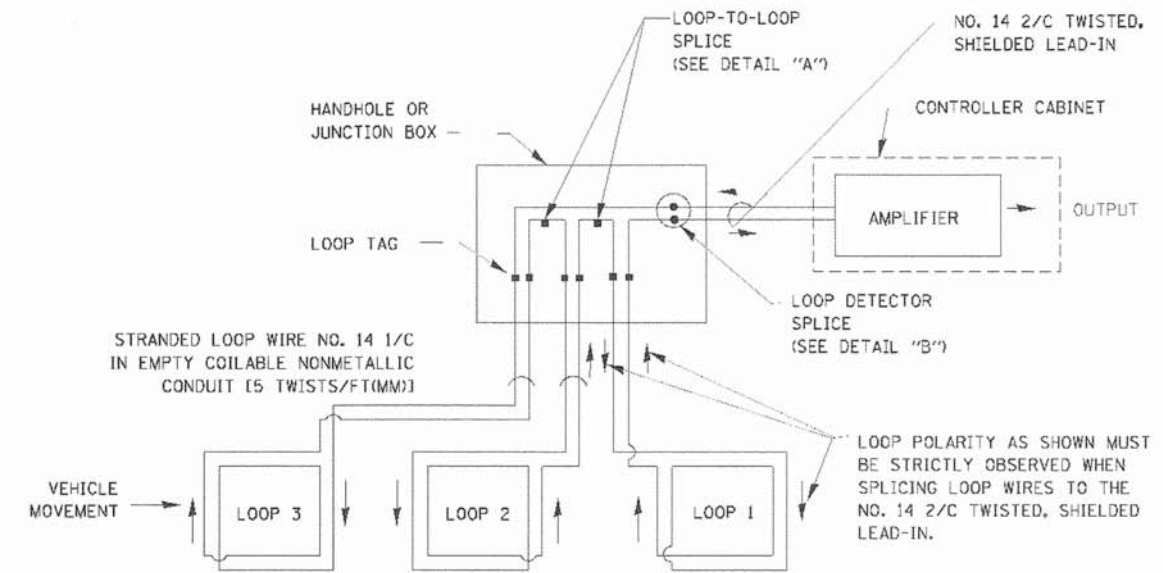
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SFAIANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

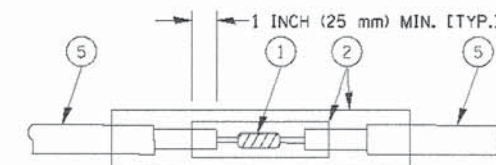


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

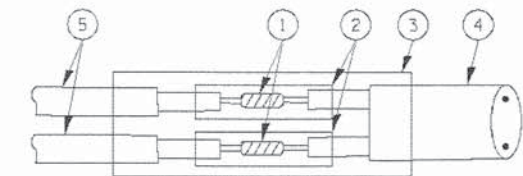


DETECTOR LOOP WIRING SCHEMATIC

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

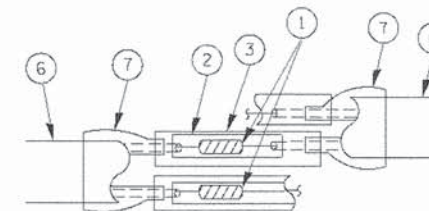


DETAIL "A"
LOOP-TO-LOOP SPLICE

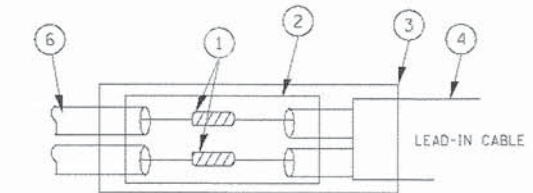


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE 1 LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

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PLOT DRIVER: jme/rlh
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

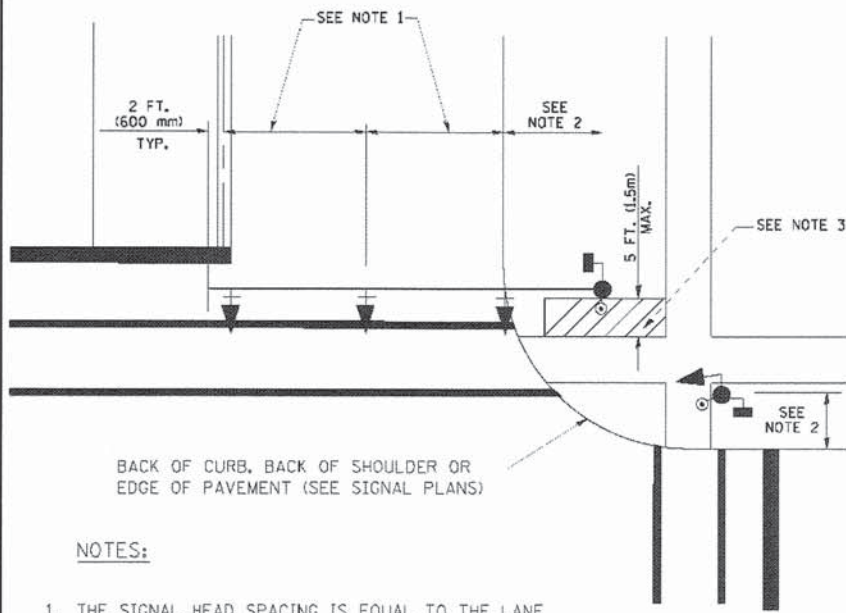
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	86
FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

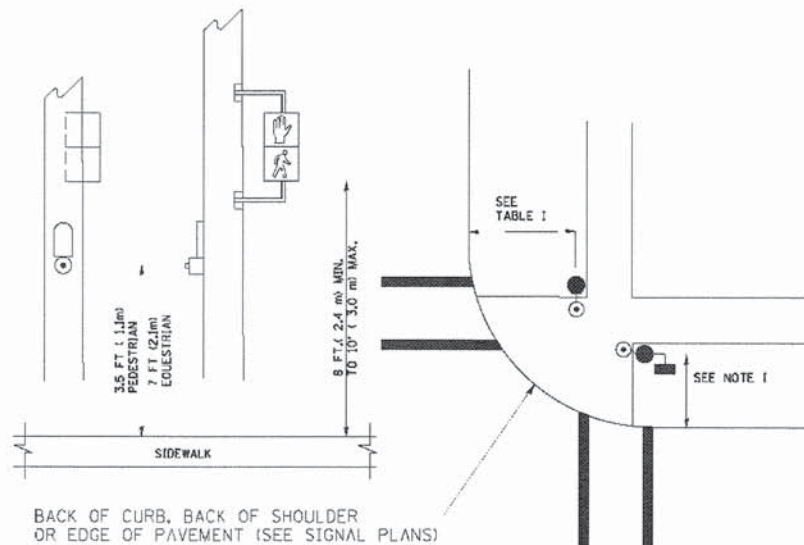
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

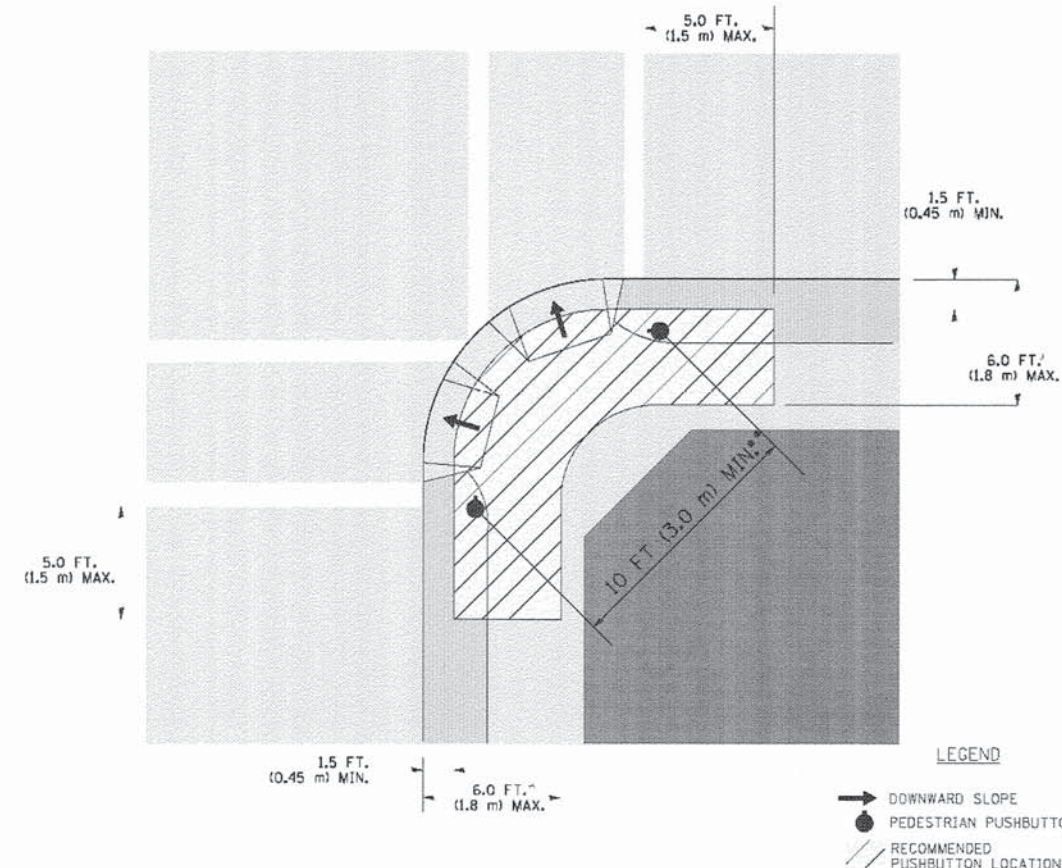
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



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

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

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

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 PROJECT CONTACT: Illinois Professional Design Firm #184-001322
 CLIENT: HRGreen
 DATE PLOTTED: 08/07/16 10:02:00 AM
 FILE NAME: 080716-10-02.dgn
 PLOT NUMBER: 10-28-09
 PER TABLE: 11/4/2007

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

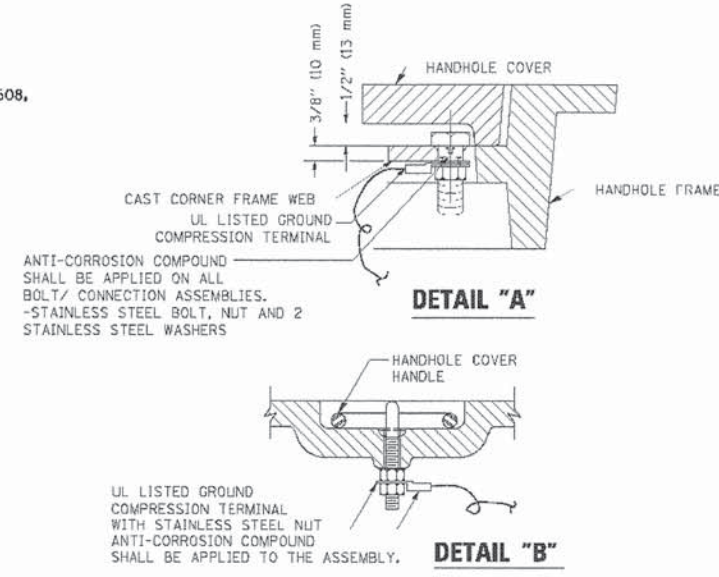
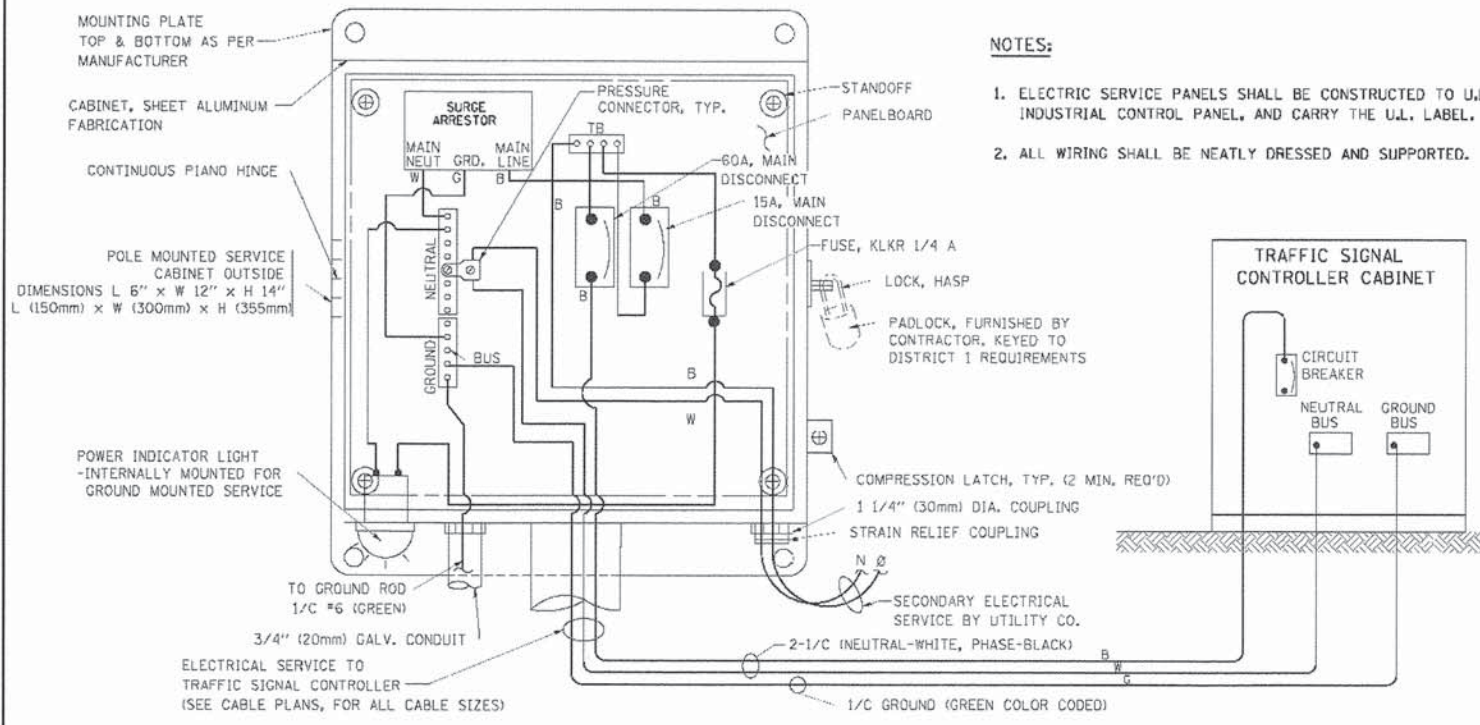
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

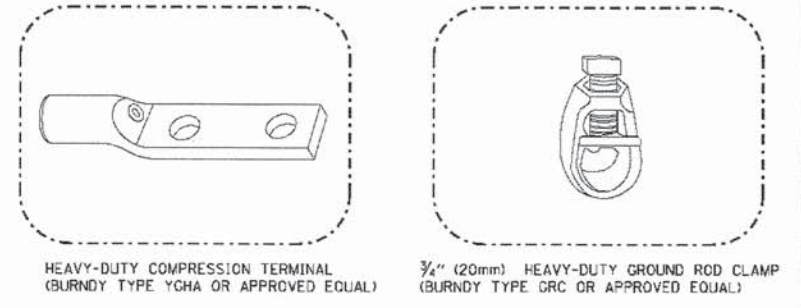
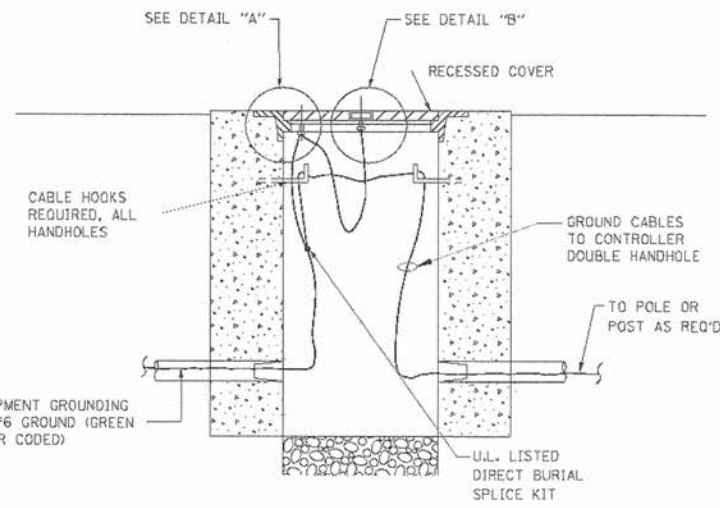
DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET NO. 2 OF 7 SHEETS STA. TO STA.

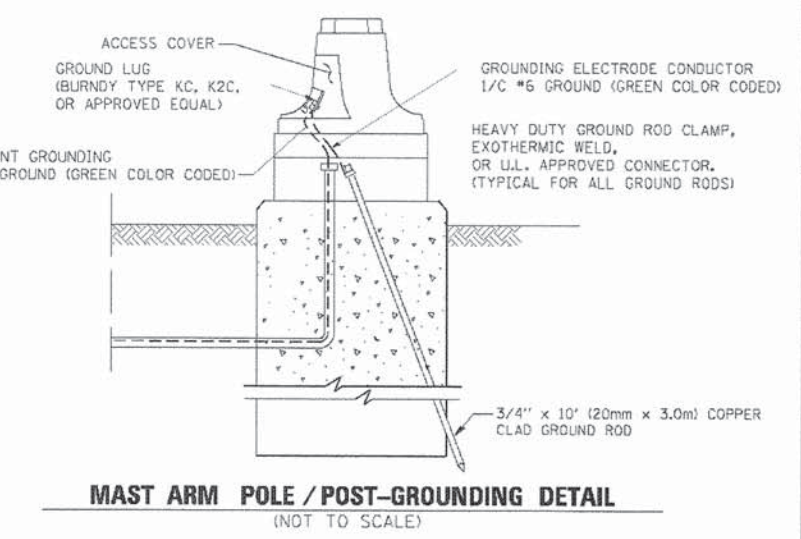
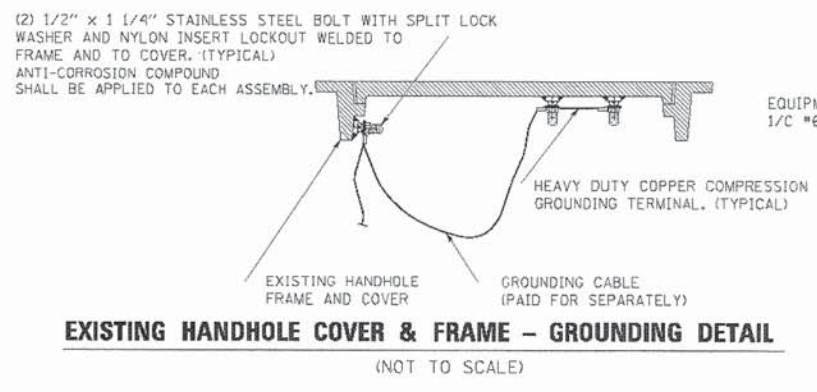
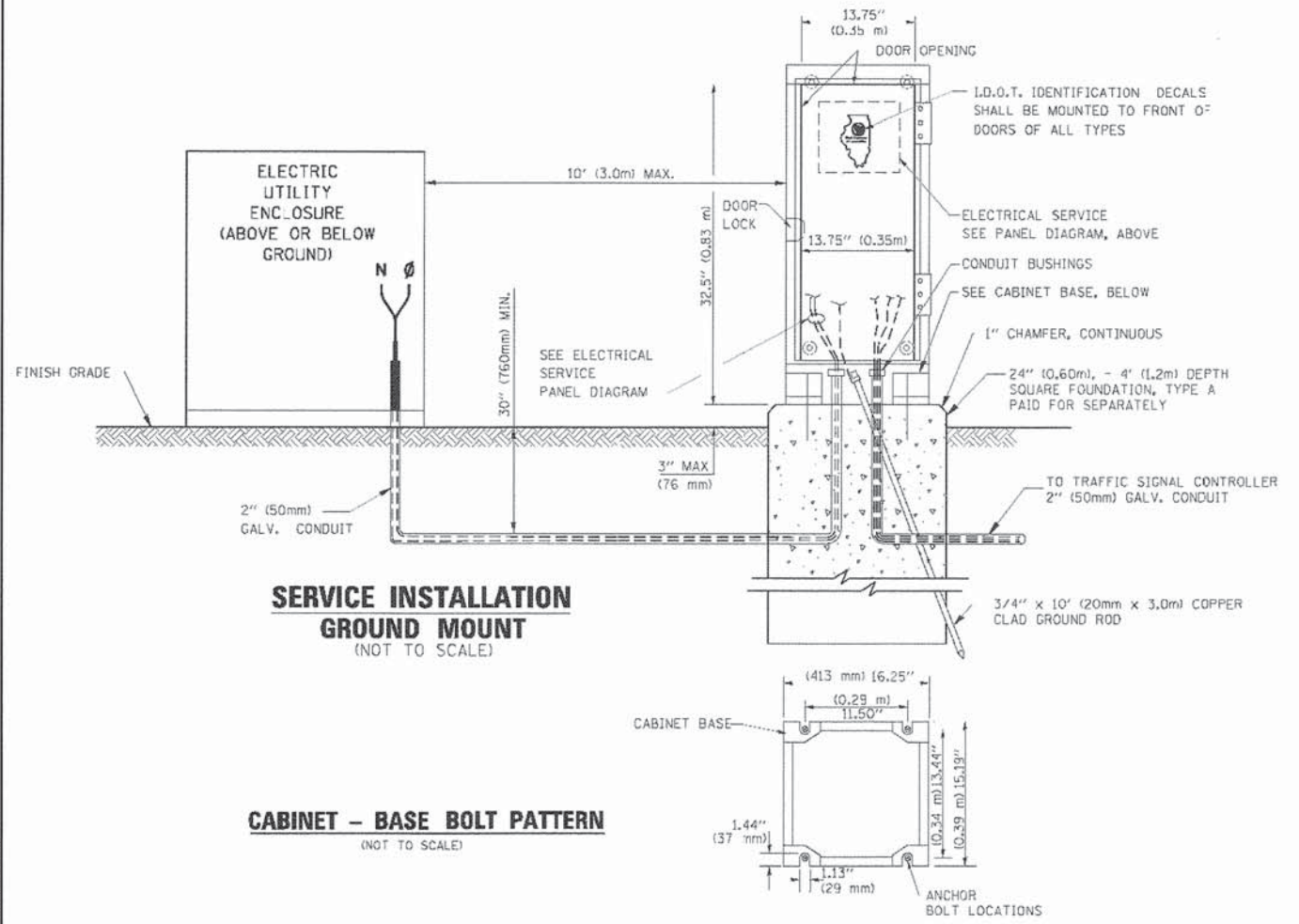
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	87
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				



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



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



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 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
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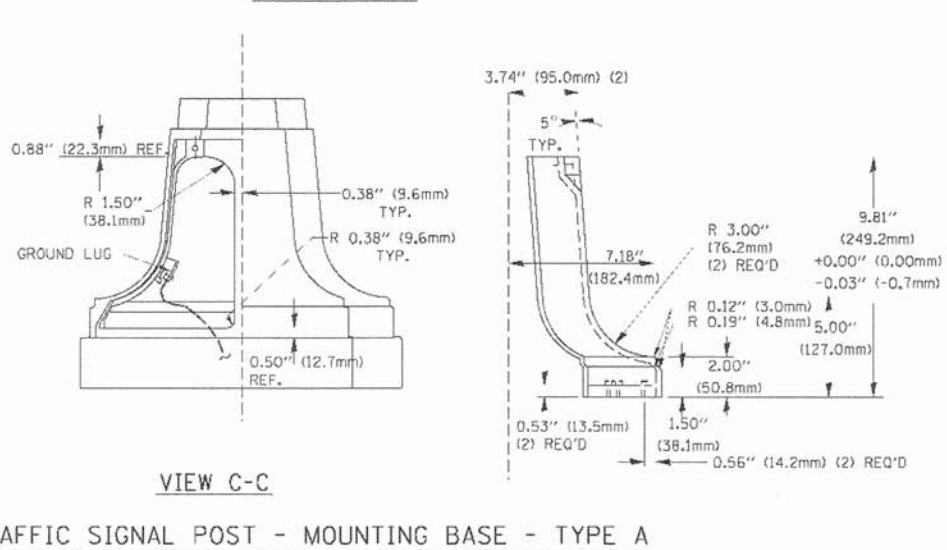
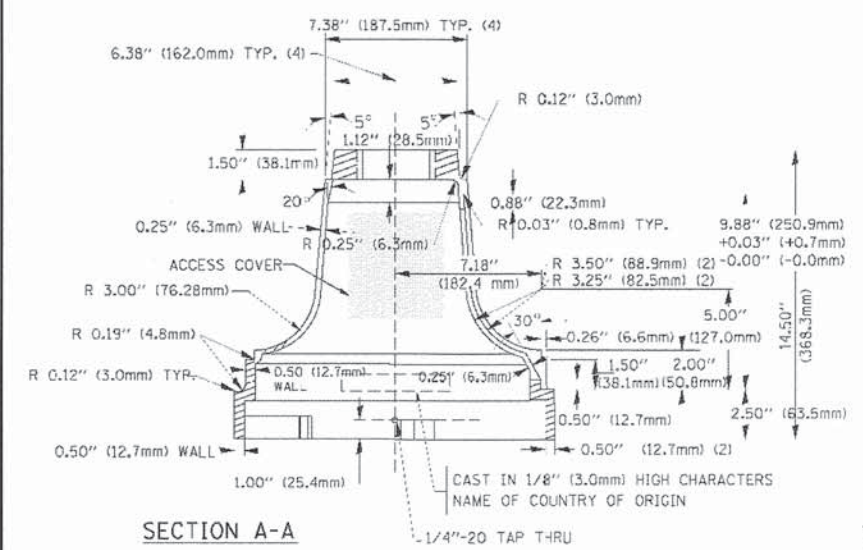
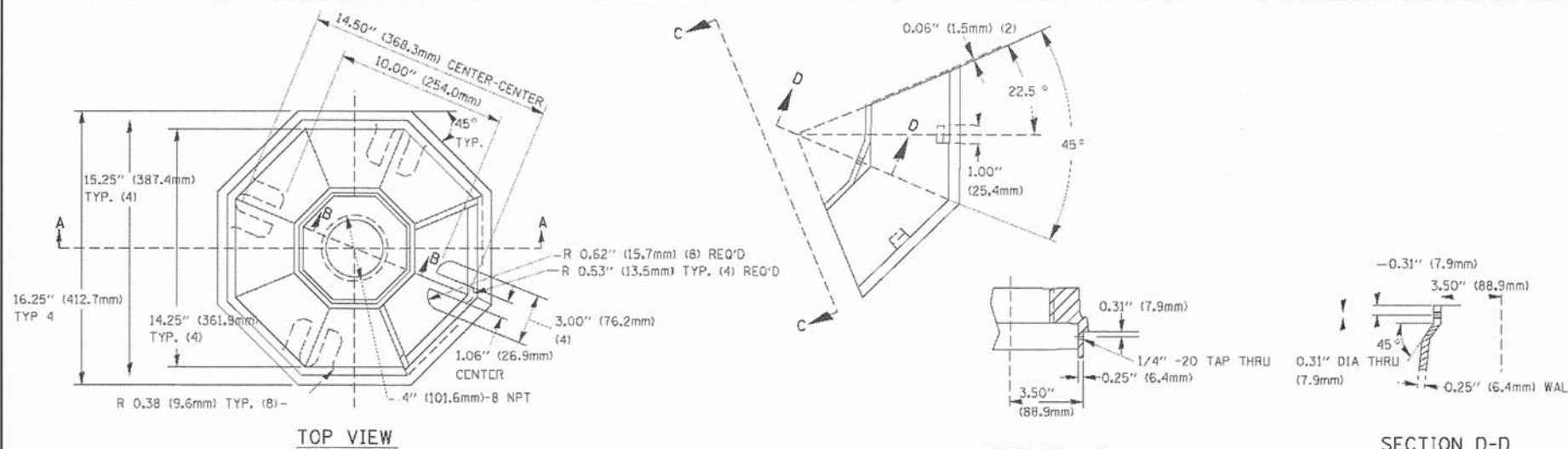
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

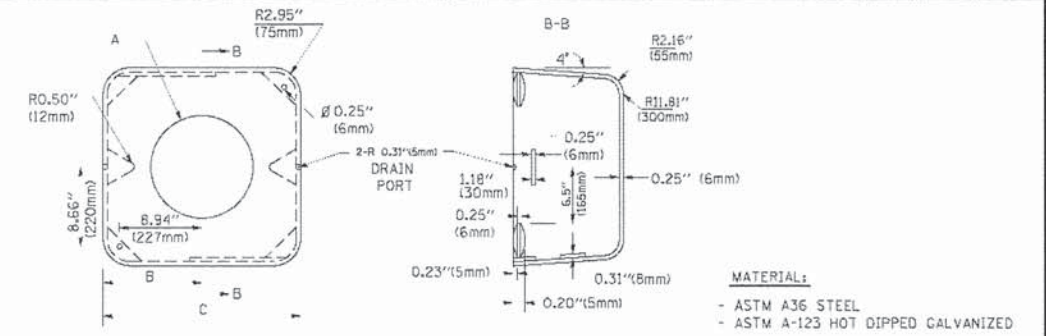
DISTRICT 1
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	88
* FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.



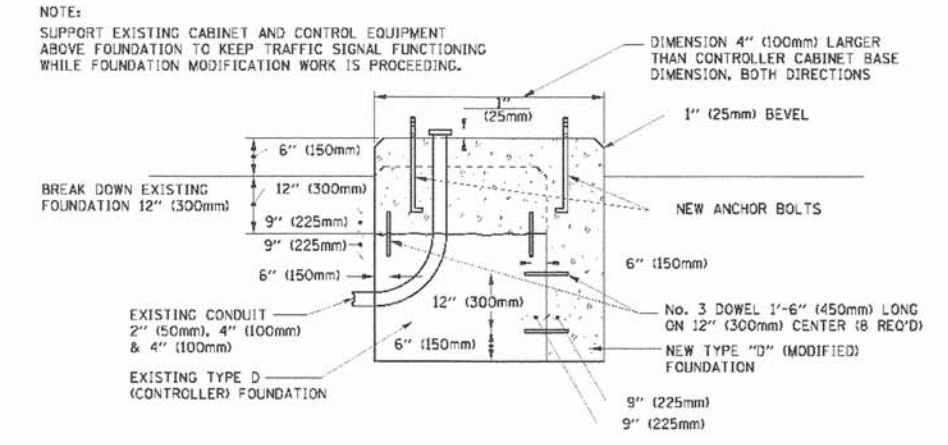
TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



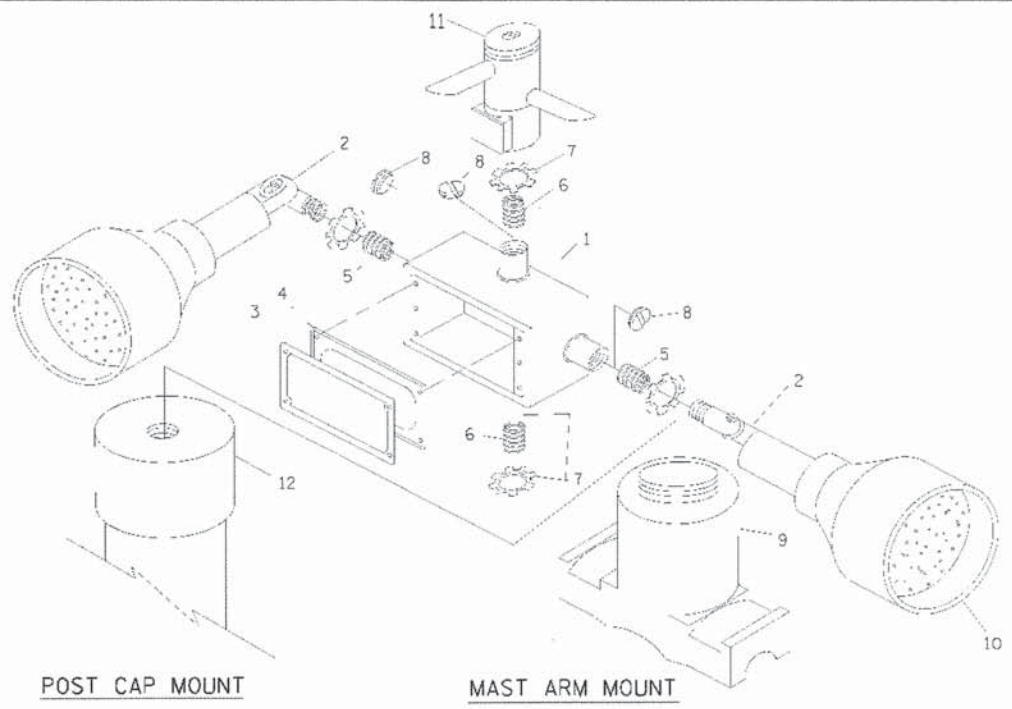
A	B	C	HEIGHT	WEIGHT
VARIES	9.5\" (241mm)	19\" (483mm)	7\" (178mm) - 12\" (300mm)	53 lbs (24kg)
VARIES	10.75\" (273mm)	21.5\" (546mm)	7\" (178mm) - 12\" (300mm)	68 lbs (31 kg)
VARIES	13.0\" (330mm)	26\" (660mm)	7\" (178mm) - 12\" (300mm)	81 lbs (37 kg)
VARIES	18.5\" (470mm)	37\" (940mm)	7\" (178mm) -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

SHROUD

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



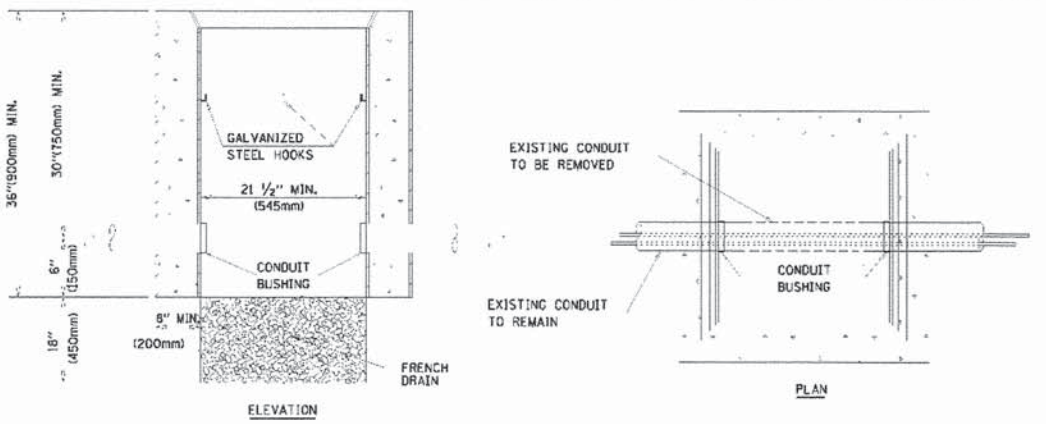
MODIFY EXISTING TYPE "D" FOUNDATION



EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

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

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



- NOTES:
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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PROJECT CONTACT: HRGreen
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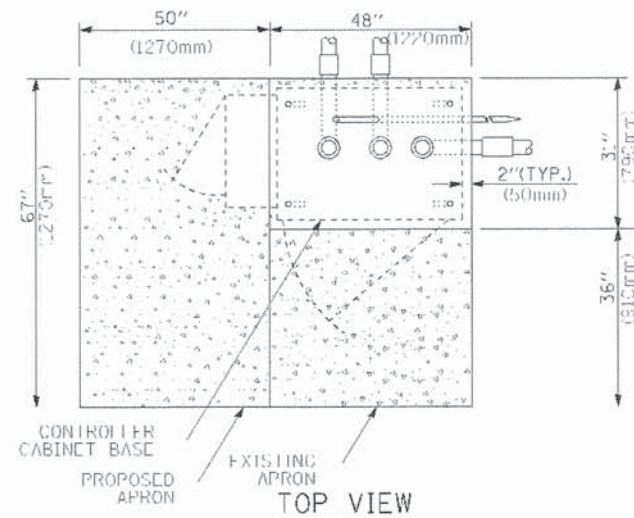
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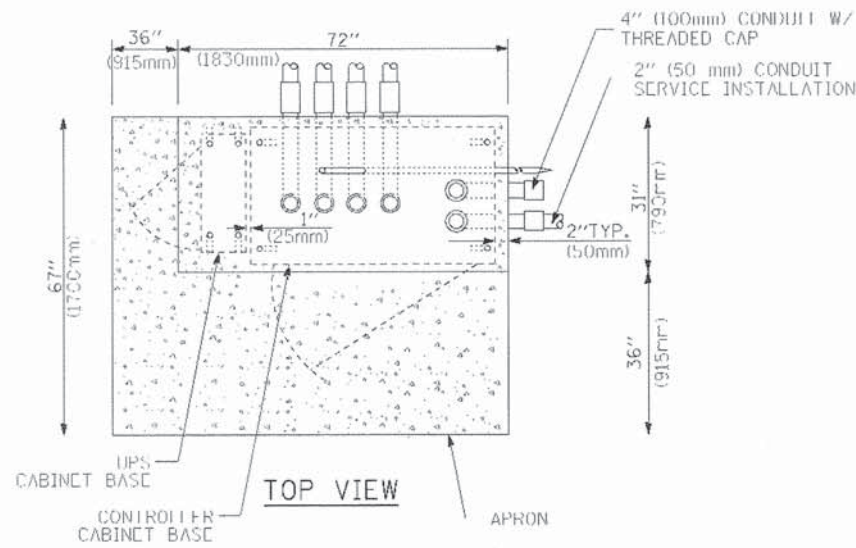
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS
SCALE: SHEET NO. 4 OF 7 SHEETS STA. TO STA.

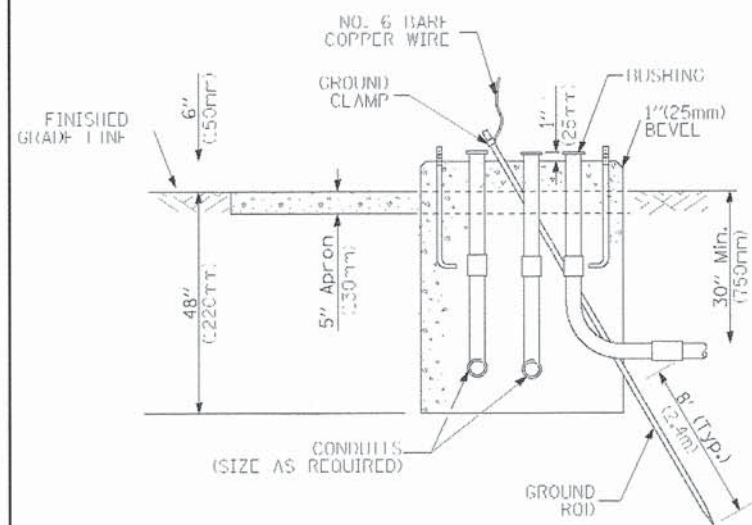
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	224	89
* FAP 333, FAP 336, FAU 81				CONTRACT NO. 63750
ILLINOIS FED. AID PROJECT				



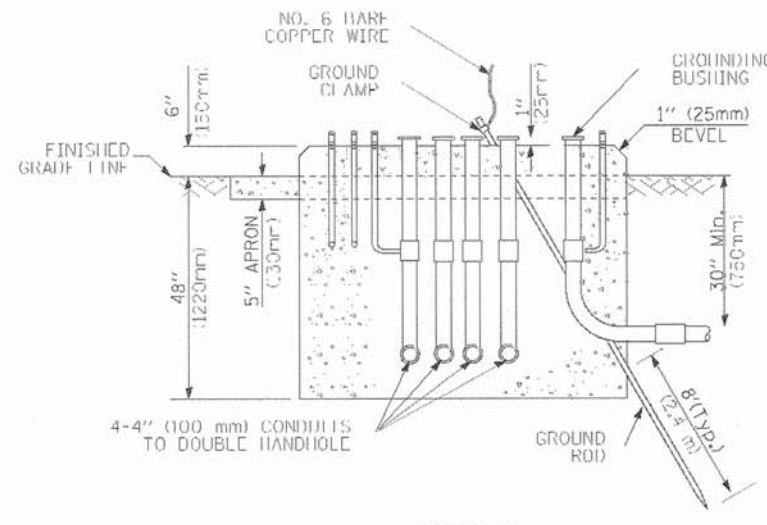
TOP VIEW



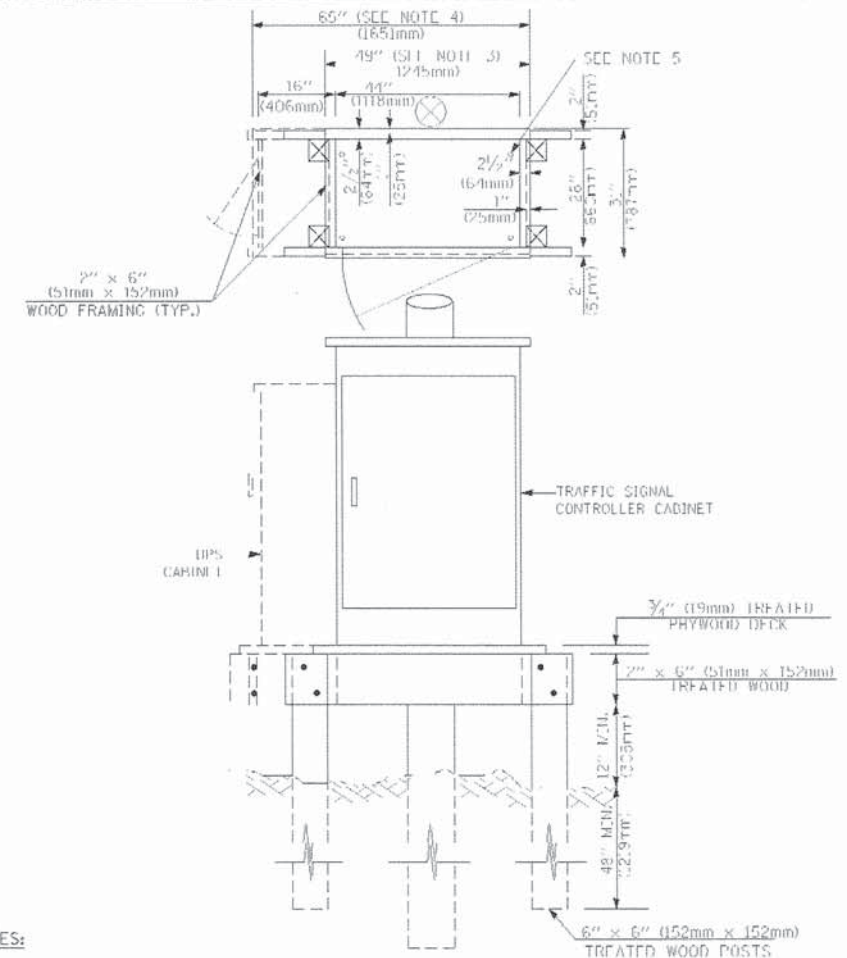
TOP VIEW



TYPE D FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



TYPE C FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



NOTES:

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

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

Mast Arm Length	(1) Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 85' (25.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

COMPANY NAME: HRGreen.com
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PLOT DATE = ,DATE1,	CHECKED - DAD	REVISED -
	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE:	SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	90
FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE			
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE			
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA			
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED			
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F			
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F 5M12F			
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F 5M12F			
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)			
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE			
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM				ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED			
SIGNAL POST				REMOVE ITEM				STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM				SIGNAL POST AND FOUNDATION TO BE REMOVED			
GUY WIRE				ABANDON ITEM				INTERSECTION & SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PREFORMED SAMPLING (SYSTEM) DETECTOR			
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED							
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID							
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER							
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT							
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER							
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED							
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)							
MICROWAVE VEHICLE SENSOR											
VIDEO DETECTION CAMERA											
VIDEO DETECTION ZONE											
PAN, TILT, ZOOM CAMERA											
WIRELESS DETECTOR SENSOR											
WIRELESS ACCESS POINT											

RAILROAD SYMBOLS

	EXISTING	PROPOSED
RAILROAD CONTROL CABINET		
RAILROAD CANTILEVER MAST ARM		
FLASHING SIGNAL		
CROSSING GATE		
CROSSBUCK		

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
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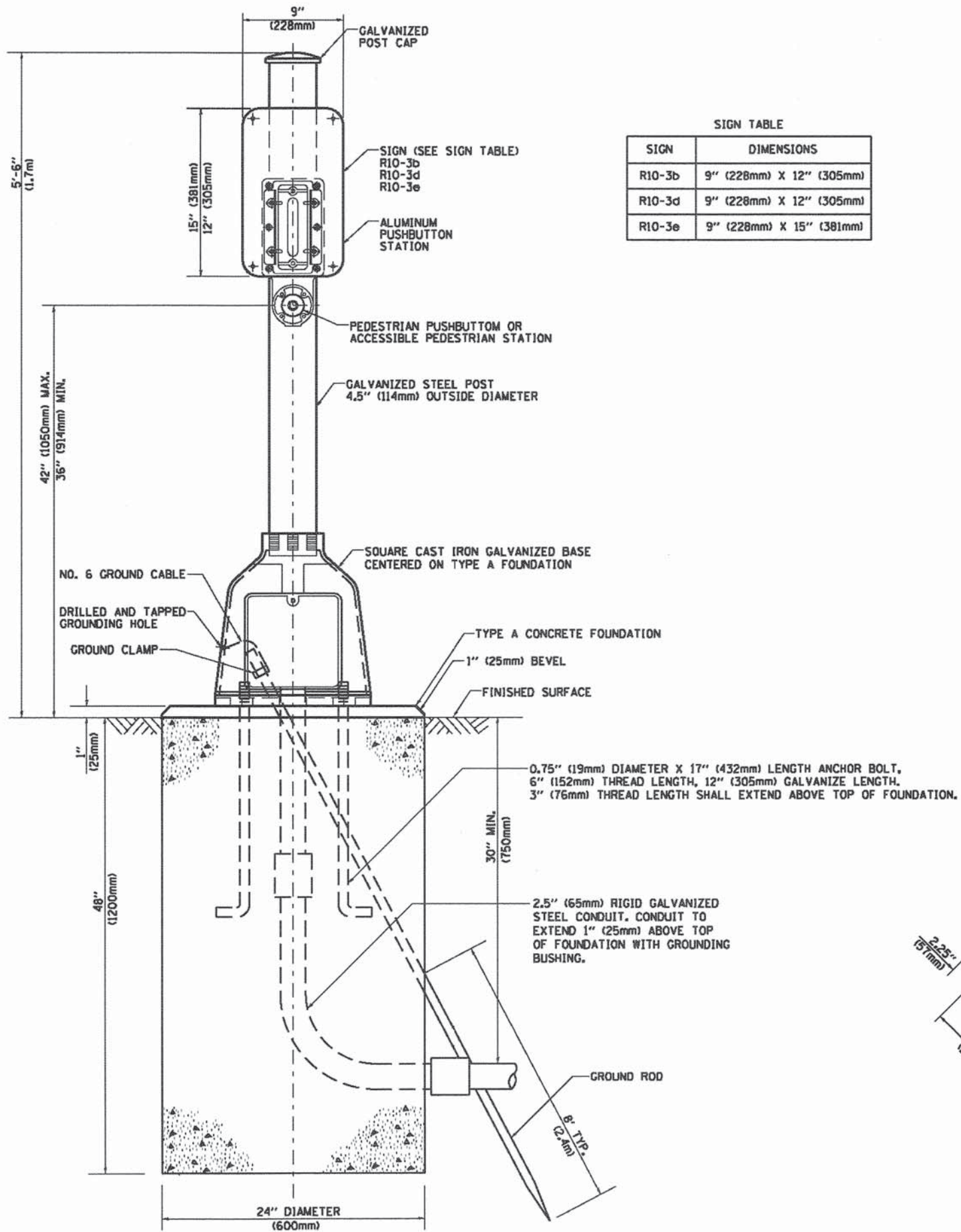
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

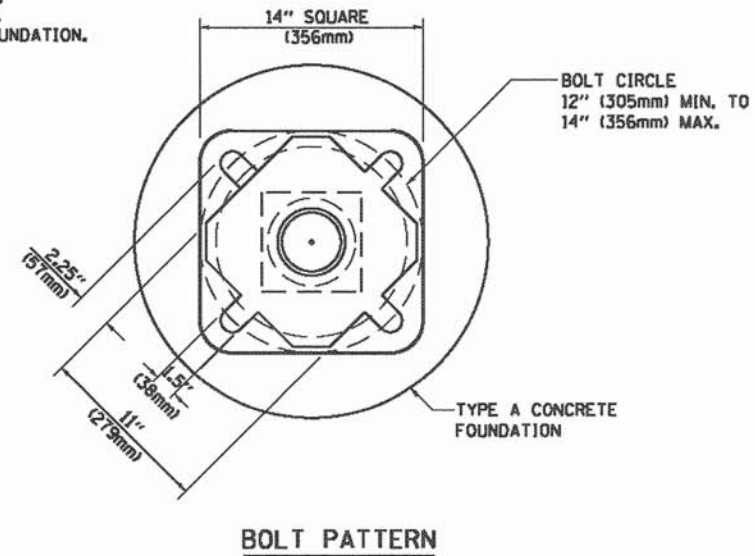
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	91
	FAP 333, FAP 336, FAU 81	CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
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HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

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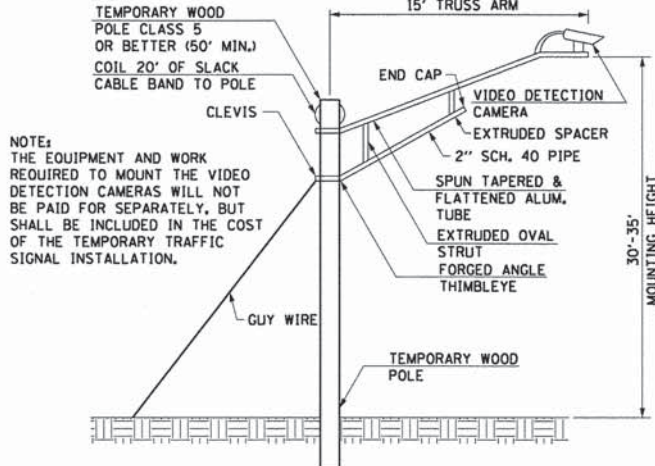
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT 1
 PEDESTRIAN PUSH BUTTON POST, TYPE A
 SCALE: SHEET NO. 7 OF 7 SHEETS STA. TO STA.

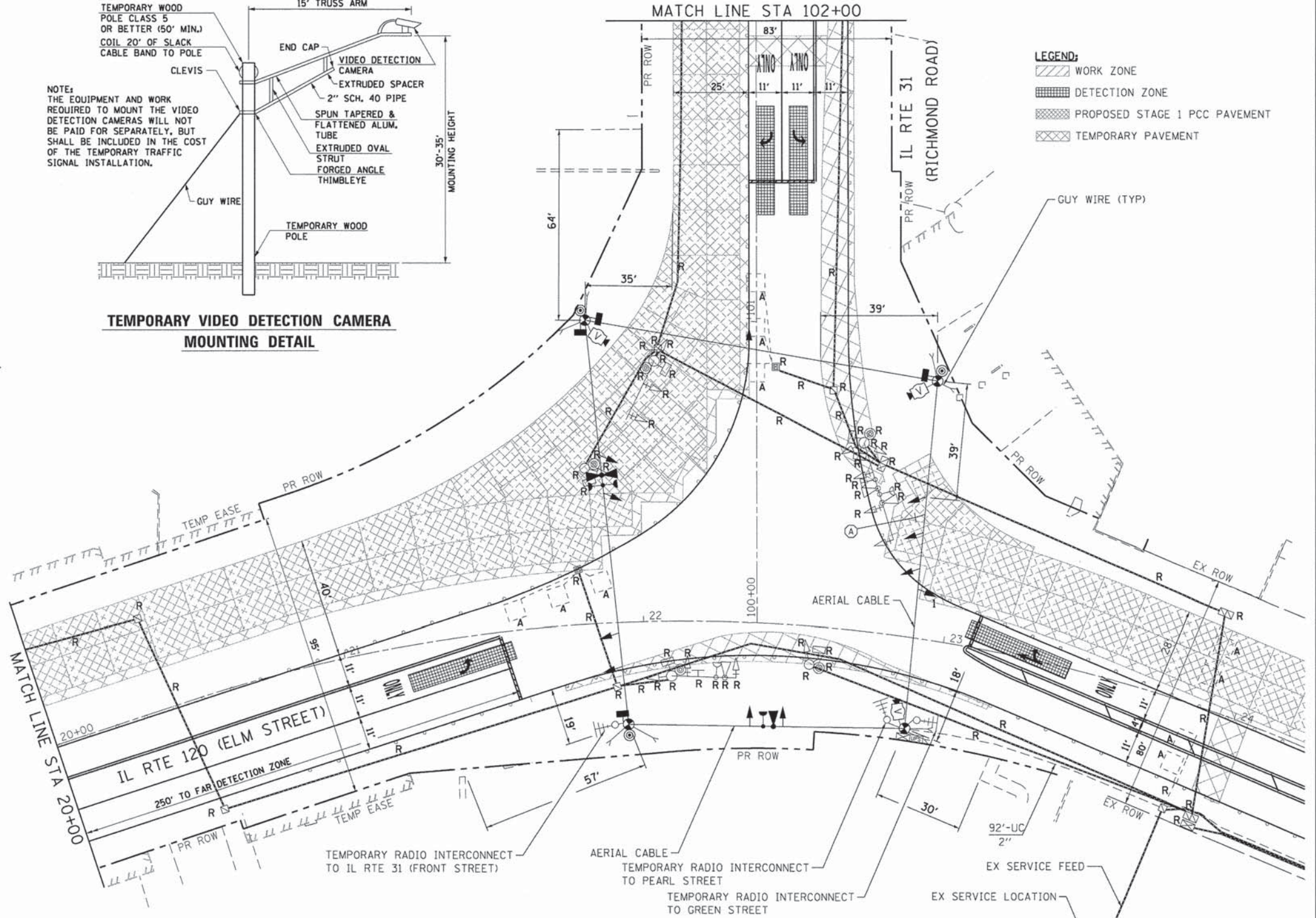
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	92
•	FAP 333, FAP 336, FAU 81	CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.



TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL



SIGN (A)
 LEFT ON GREEN ARROW ONLY
 R10-5
 24" X 30"
 1 - REQUIRED
 INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION

CONSTRUCTION NOTES

ALL TEMPORARY PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED WHEN EXISTING PAVEMENT IS REMOVED AND REMAINED BAGGED UNTIL PAVEMENT IS RESTORED, AND AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION.

RESTORATION OF WORK AREA

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAYS SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD AND ALL DAMAGE TO UNMOWED LAWNS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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

- 3 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 2 EACH SIGNAL POST
- 11 EACH SIGNAL HEAD, 1-FACE, 3 SECTION
- 2 EACH SIGNAL HEAD, 1-FACE, 5 SECTION
- 7 EACH TRAFFIC SIGNAL BACKPLATE
- 6 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE
- 5 EACH PEDESTRIAN PUSH BUTTON
- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 2 EACH ILLUMINATED SIGN

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- AGENCY: MCHENRY TOWNSHIP FIRE PROTECTION DISTRICT
- 3 EACH EMERGENCY VEHICLE LIGHT DETECTOR
 - 1 EACH LIGHT DETECTOR AMPLIFIER

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 08/06/11 10:50 AM
 FILE NAME: 080611-101010-1120-01.dgn
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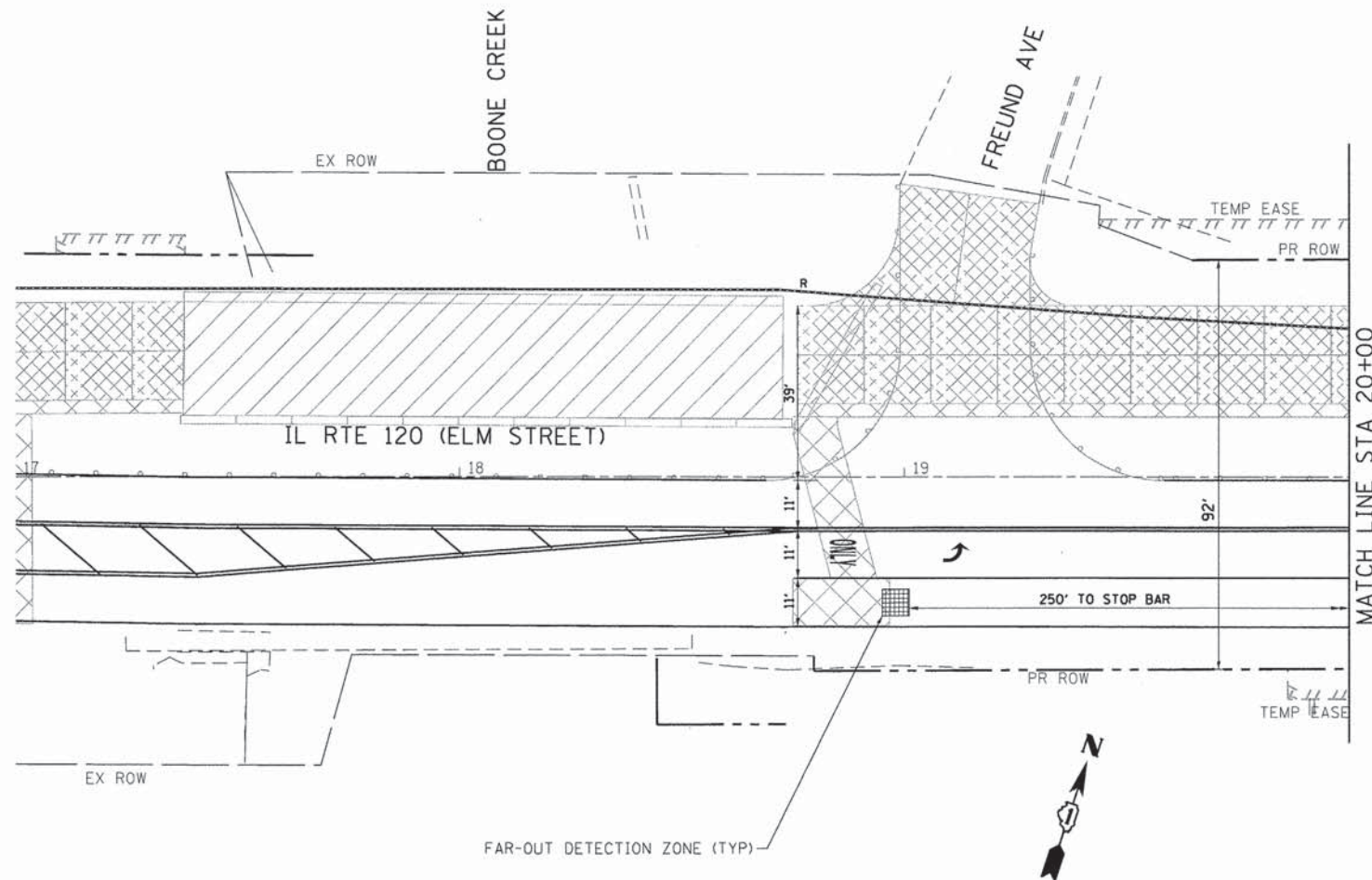
HRGreen.com
 Illinois Professional Design Firm
 #194-091322

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

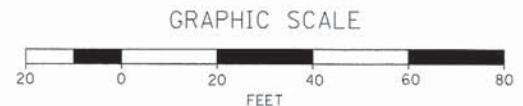
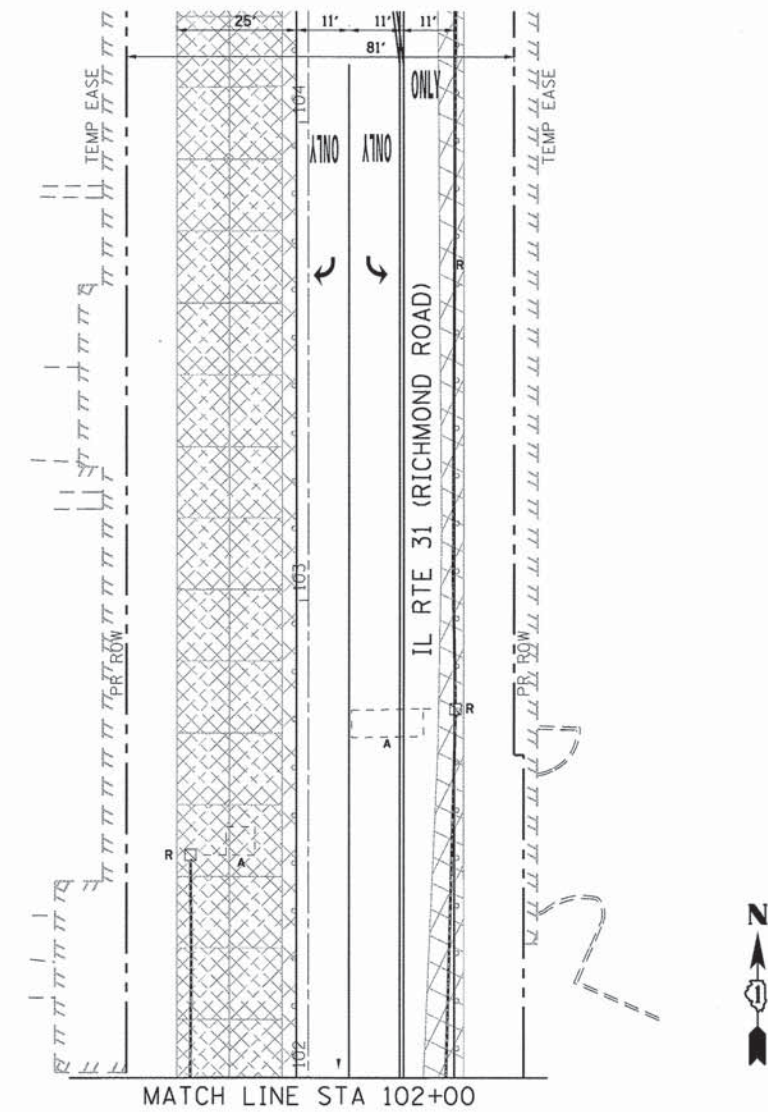
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE
 EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN - STAGE 1
 ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 120
 SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00067-00-CH		MCHENRY	226	93
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- WORK ZONE
 - DETECTION ZONE
 - PROPOSED STAGE 1 PCC PAVEMENT

NOTE
 THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



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 PROJECT CONTACT: HRGreen
 DATE PLOTTED: 3/20/21 PM
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 PEN TABLE: Standard-Trans.tbl

HRGreen.com
 Illinois Professional Design Firm
 #194-091322

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DRAWN - DS	REVISED -	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

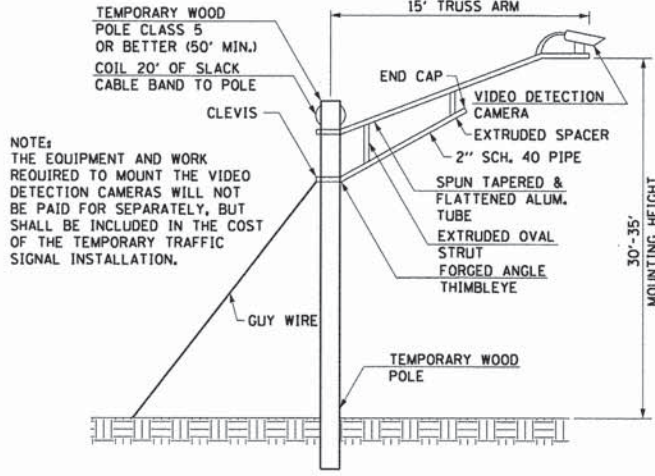
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE
 EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN - STAGE 1
 ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 120**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	94
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

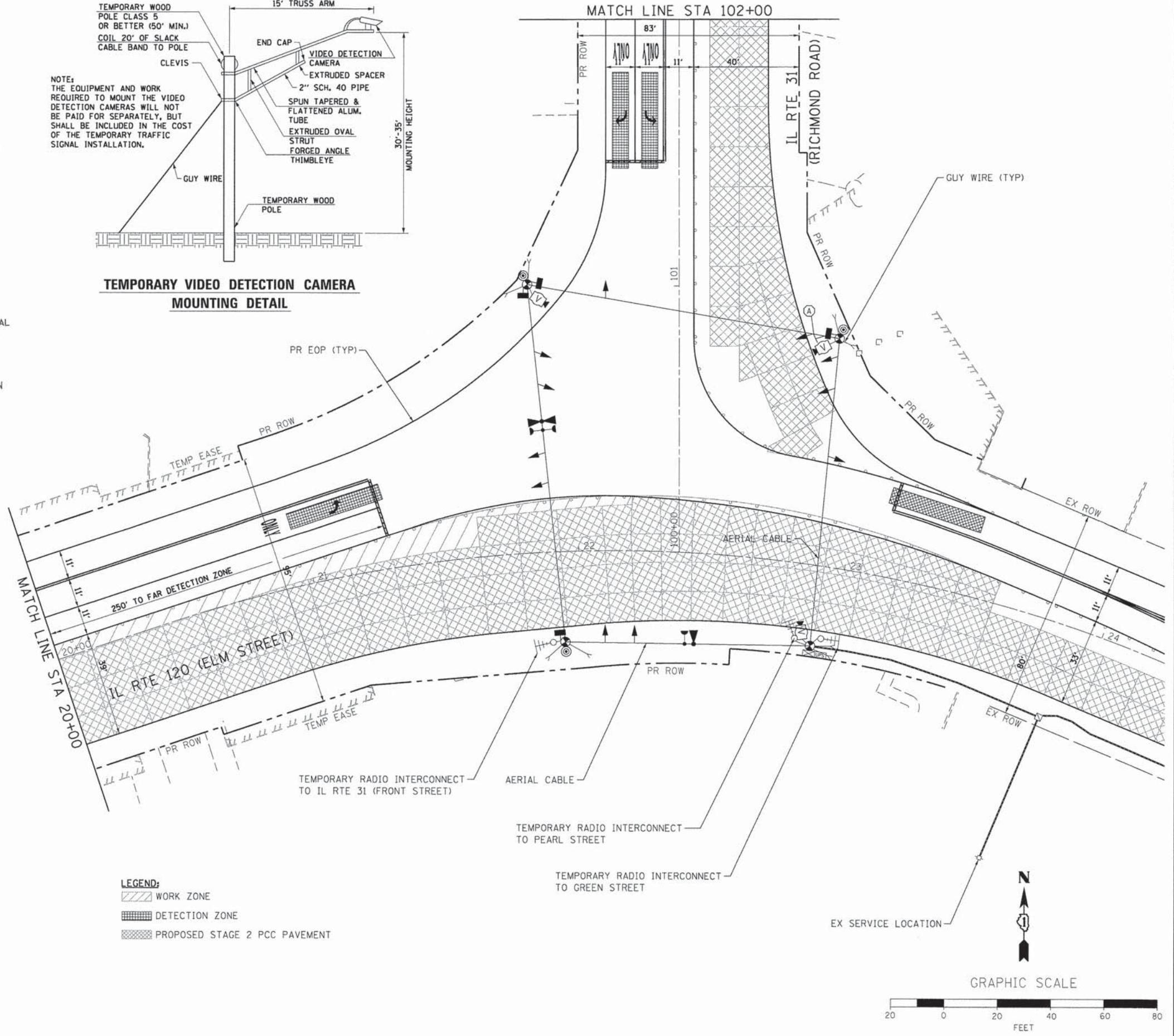
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NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
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3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
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TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL



SIGN (A)
 LEFT ON GREEN ARROW ONLY
 R10-5
 24" X 30"
 1 - REQUIRED
 INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION

CONSTRUCTION NOTES

ALL TEMPORARY PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED WHEN EXISTING PAVEMENT IS REMOVED AND REMAINED BAGGED UNTIL PAVEMENT IS RESTORED, AND AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION.

RESTORATION OF WORK AREA

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAYS SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD AND ALL DAMAGE TO UNMOWED LAWNS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

- LEGEND:
- WORK ZONE
 - DETECTION ZONE
 - PROPOSED STAGE 2 PCC PAVEMENT

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 PROJECT CONTACT: Illinois Professional Design Firm #184-001322
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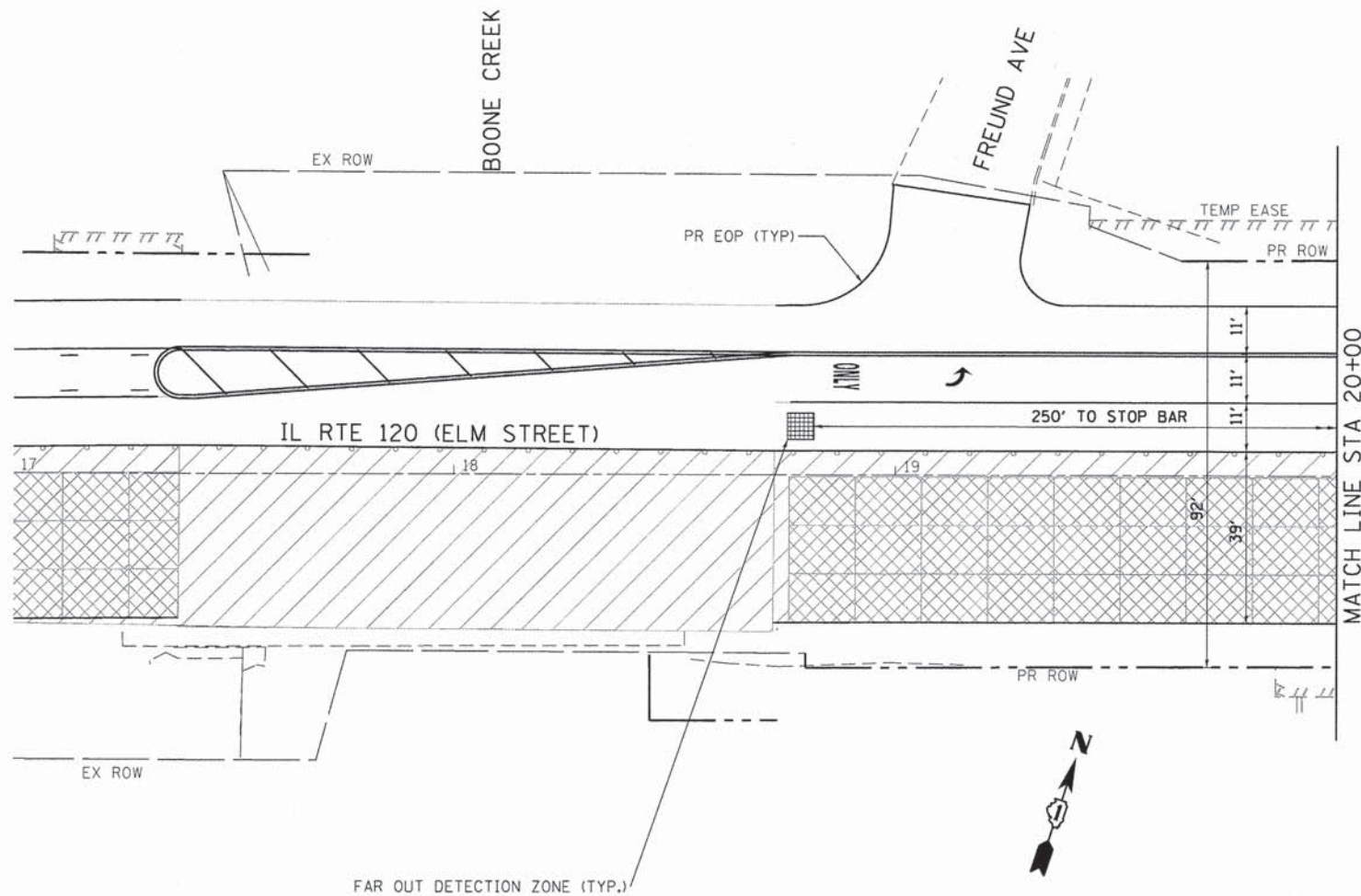
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
 STAGE 2
 ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 120

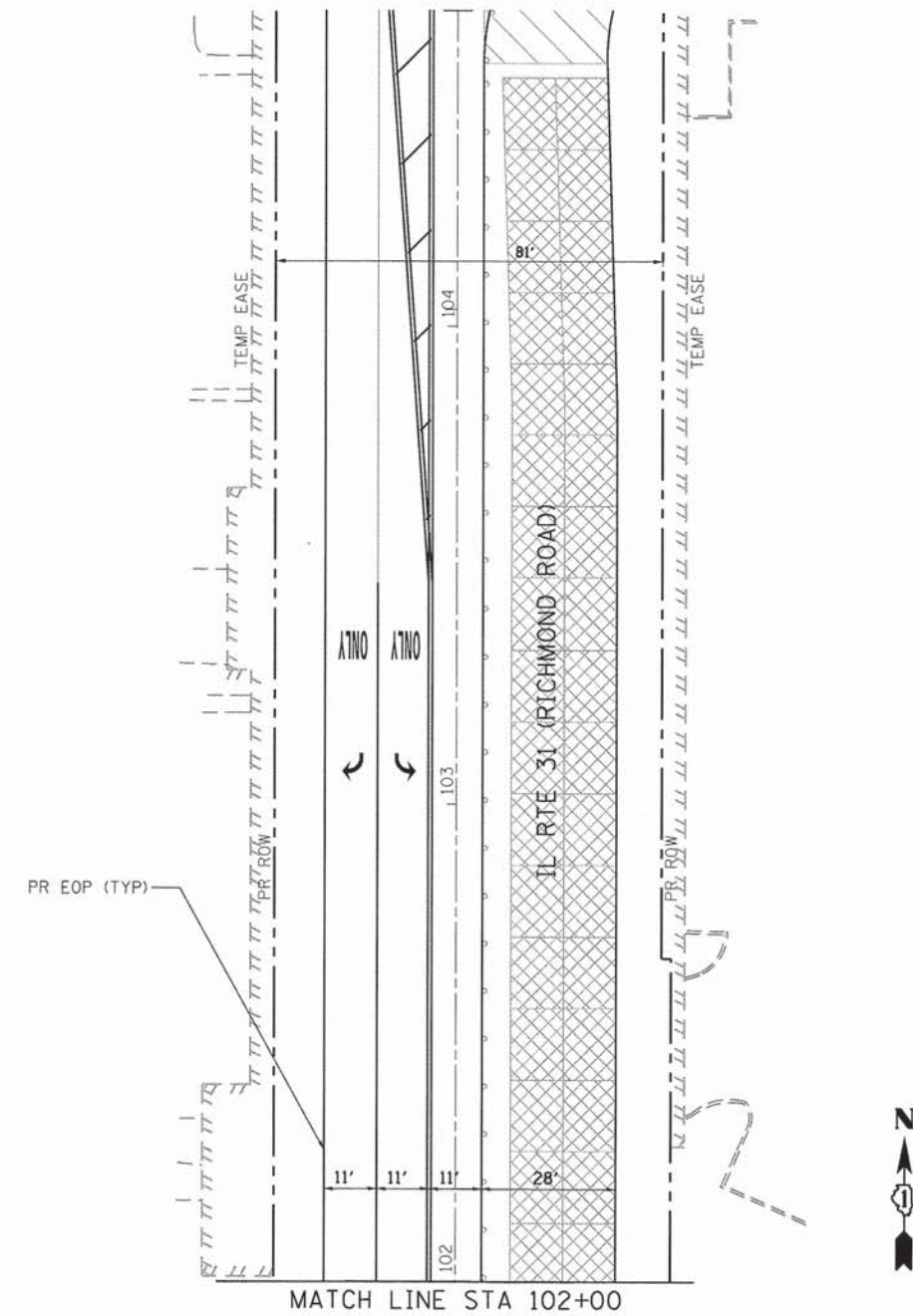
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• FAP 333, FAP 336, FAU 81	05-00067-00-CH	MCHENRY	226	95
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63750	



NOTE
 THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

- LEGEND:**
- WORK ZONE
 - DETECTION ZONE
 - PROPOSED STAGE 2 PCC PAVEMENT



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jmelhus
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

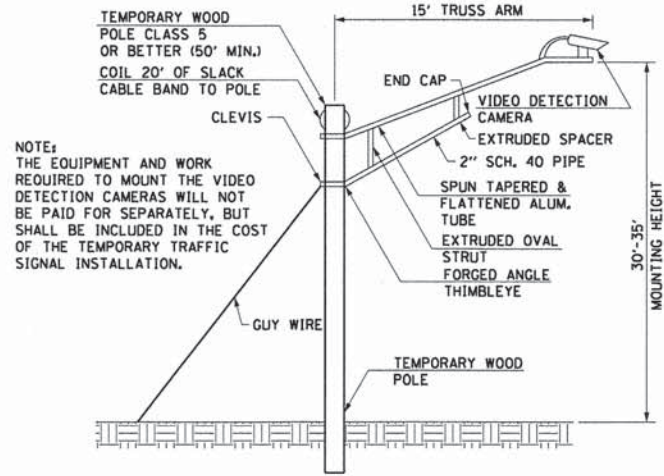
**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
 STAGE 2
 ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 120**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• FAP 333, FAP 336, FAU 81	05-00067-00-CH	MCHENRY	226	96
CONTRACT NO. 63750			ILLINOIS FED. AID PROJECT	

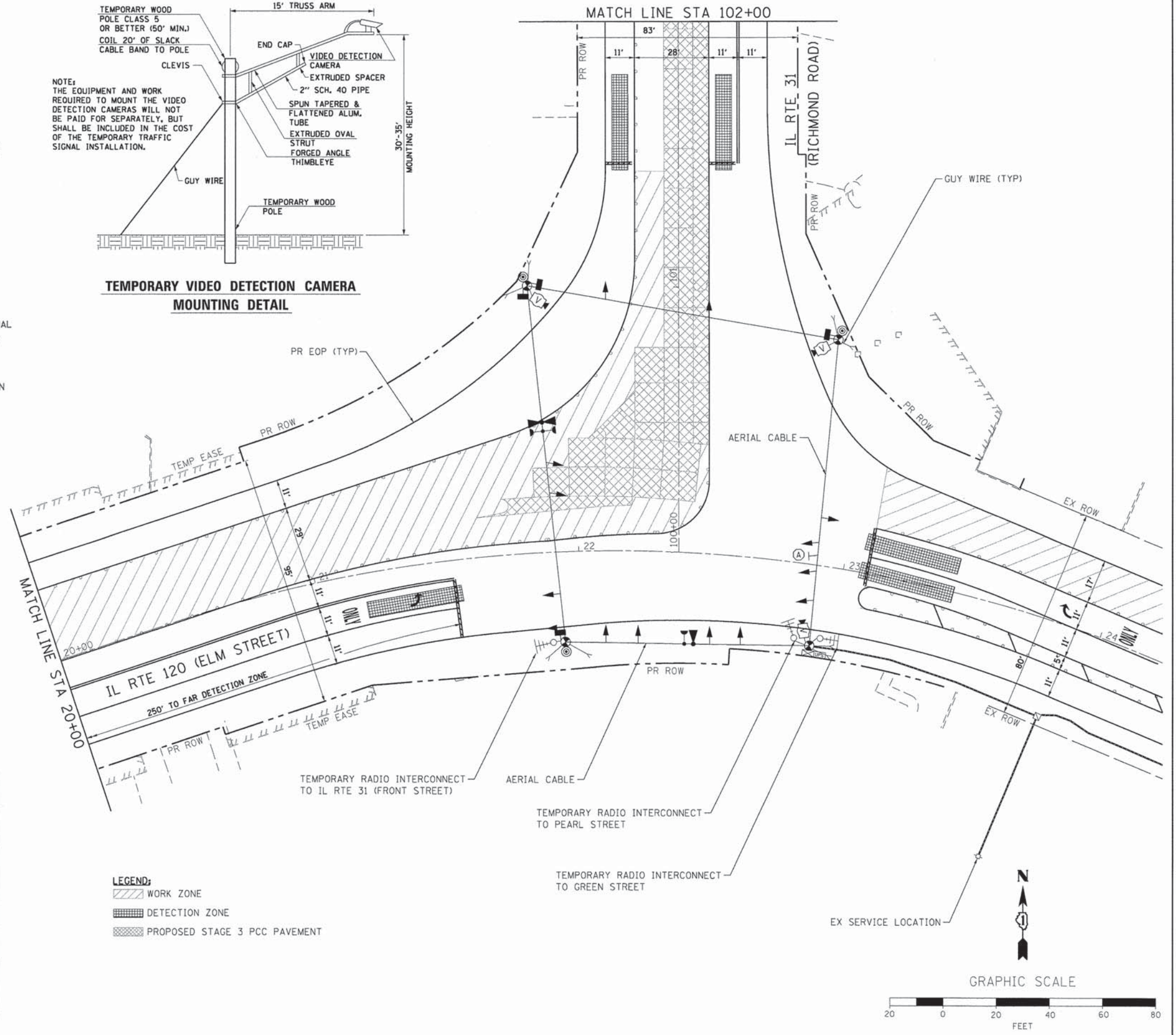
SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

NOTES FOR TEMPORARY TRAFFIC SIGNALS

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TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL



SIGN (A)
 LEFT ON GREEN ARROW ONLY
 R10-5
 24" X 30"
 1 - REQUIRED
 INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION

CONSTRUCTION NOTES

ALL TEMPORARY PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED WHEN EXISTING PAVEMENT IS REMOVED AND REMAINED BAGGED UNTIL PAVEMENT IS RESTORED, AND AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION.

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RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAYS SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD AND ALL DAMAGE TO UNMOWED LAWNS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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 PROJECT CONTACT: Illinois Professional Design Firm # 194-021322
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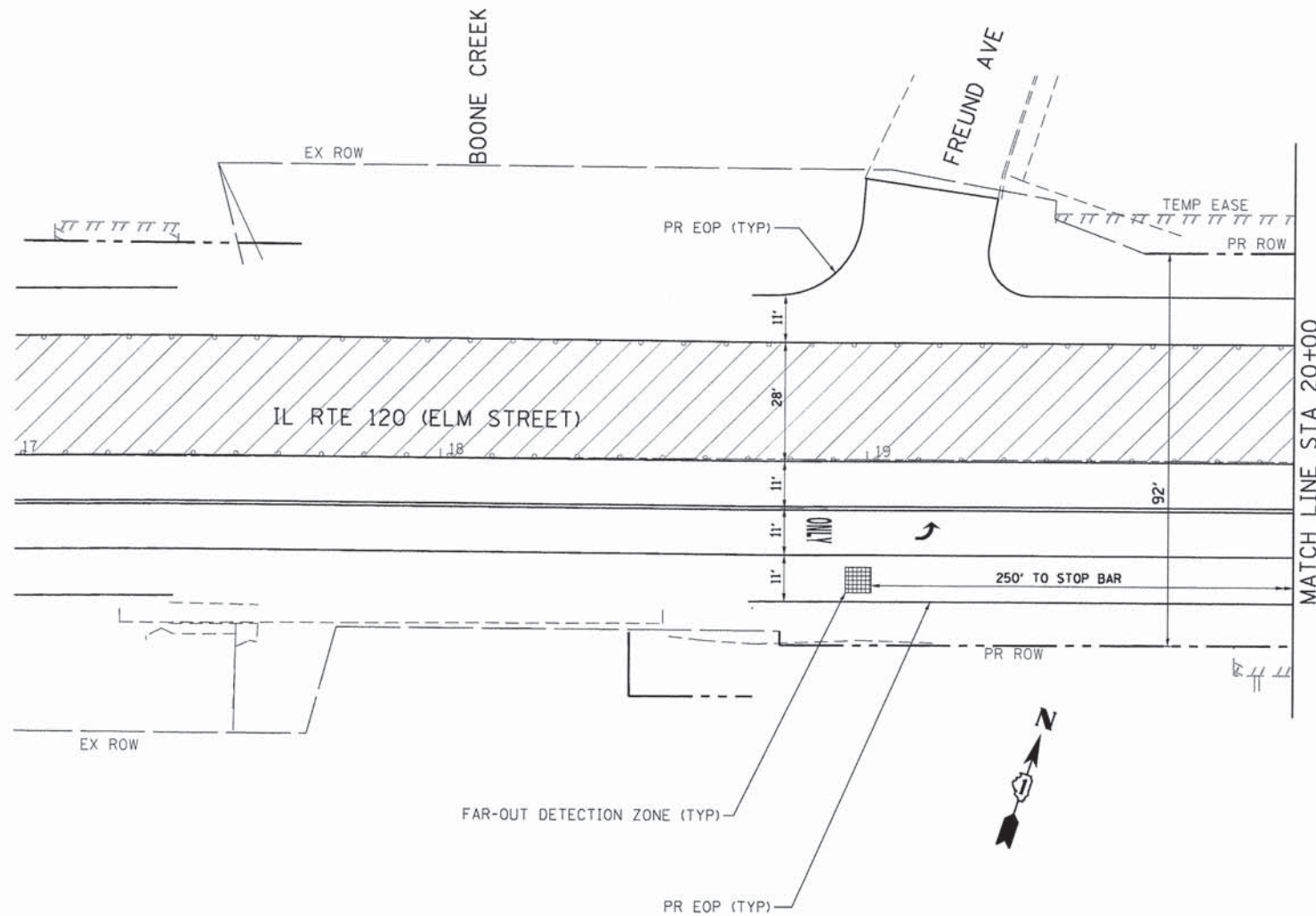
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
 STAGE 3
 ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 120

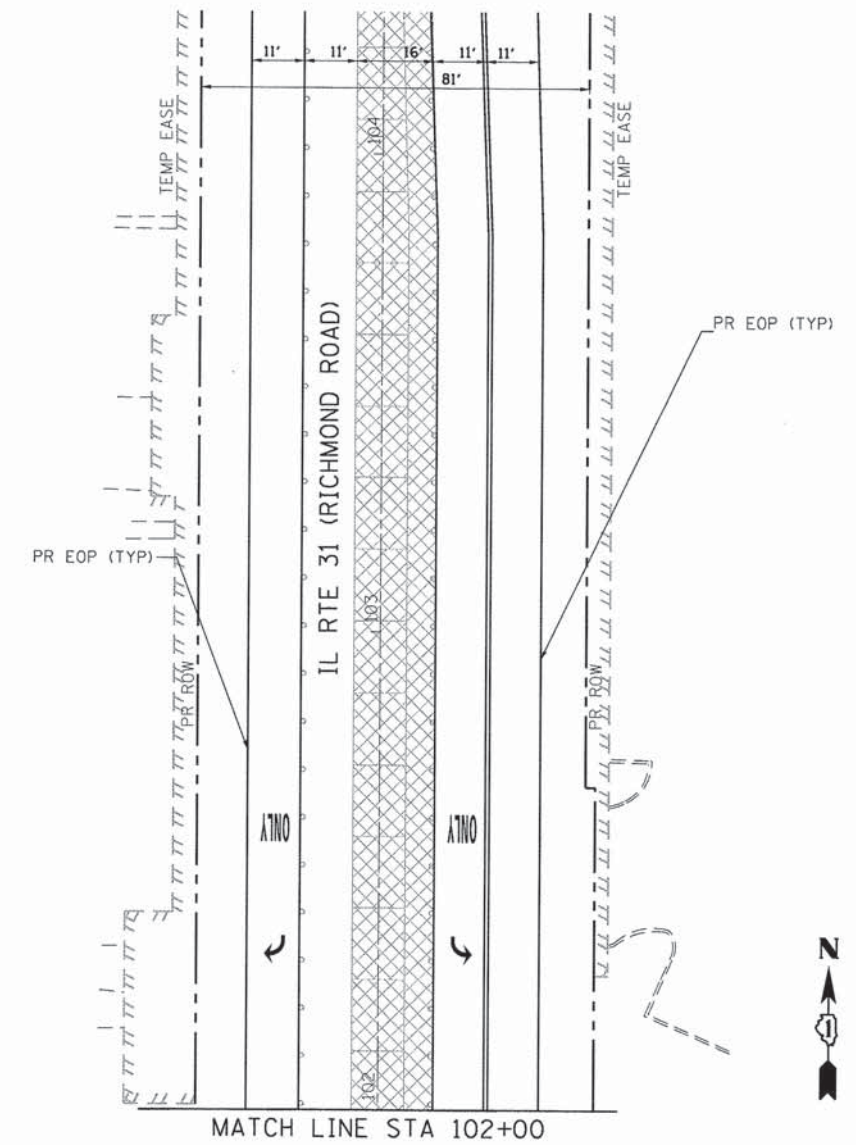
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	97
•	FAP 333, FAP 336, FAU 81	MCHENRY	CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				



NOTE
 THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

- LEGEND:**
- WORK ZONE
 - DETECTION ZONE
 - PROPOSED STAGE 3 PCC PAVEMENT



COMPANY NAME: HRGreen
 PROJECT CONTACT: jmelhu
 DATE PLOTTED: 08/06/11 3:05:40 PM
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

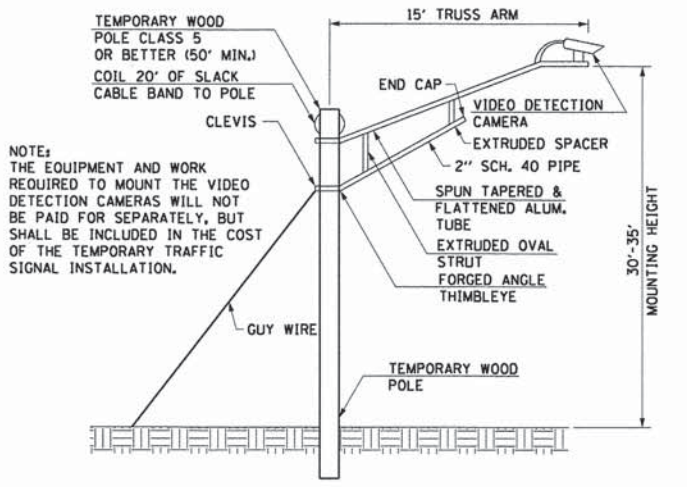
**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
 STAGE 3
 ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 120**

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

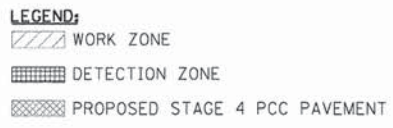
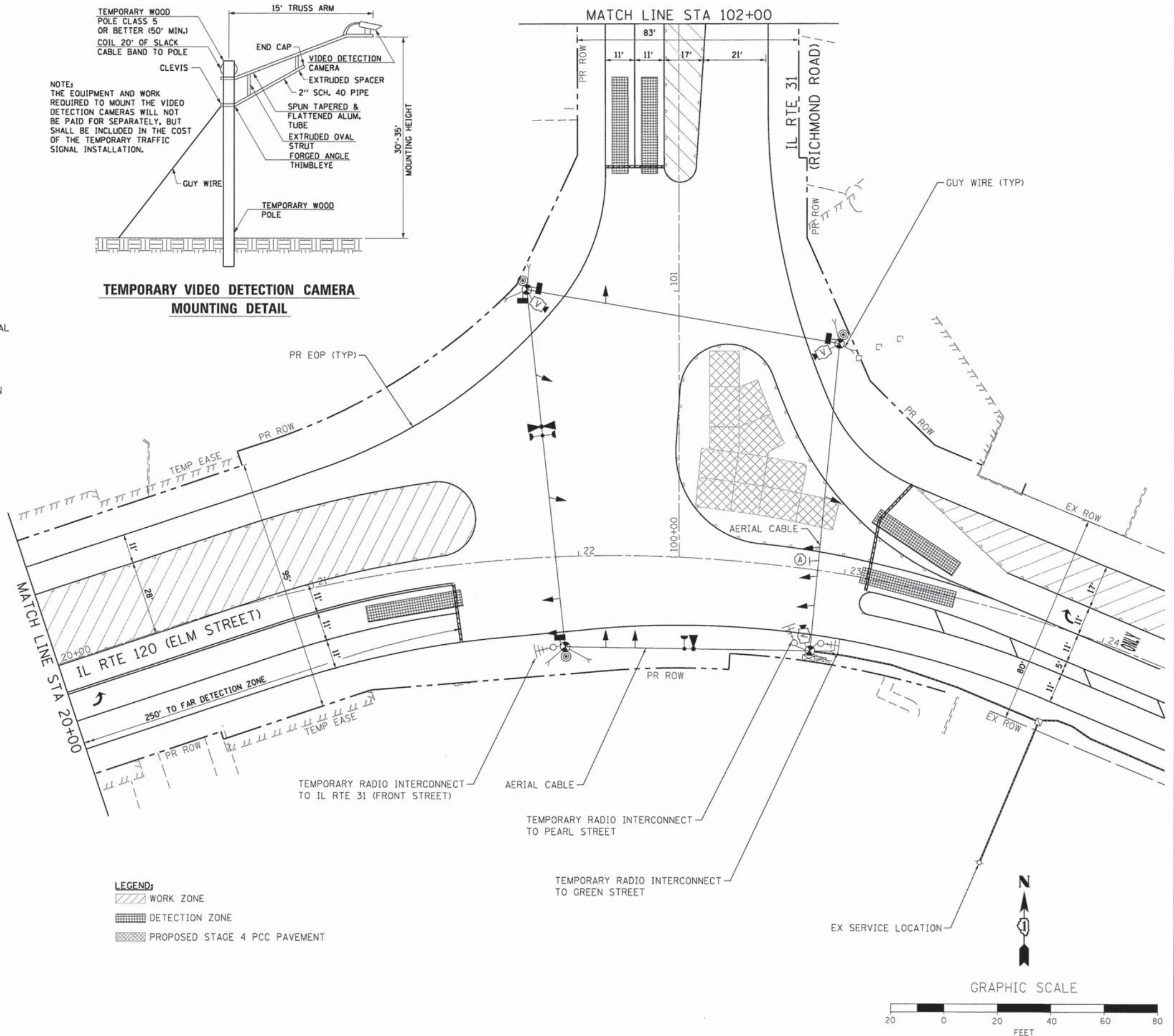
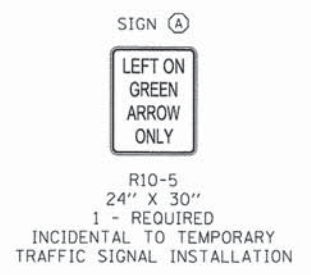
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	05-00067-00-CH	MCHENRY	226	98
• FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS FED. AID PROJECT				

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.



TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL



CONSTRUCTION NOTES
ALL TEMPORARY PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED WHEN EXISTING PAVEMENT IS REMOVED AND REMAINED BAGGED UNTIL PAVEMENT IS RESTORED, AND AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION.

RESTORATION OF WORK AREA
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAYS SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD AND ALL DAMAGE TO UNMOWED LAWNS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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PROJECT CONTACT: HRGreen
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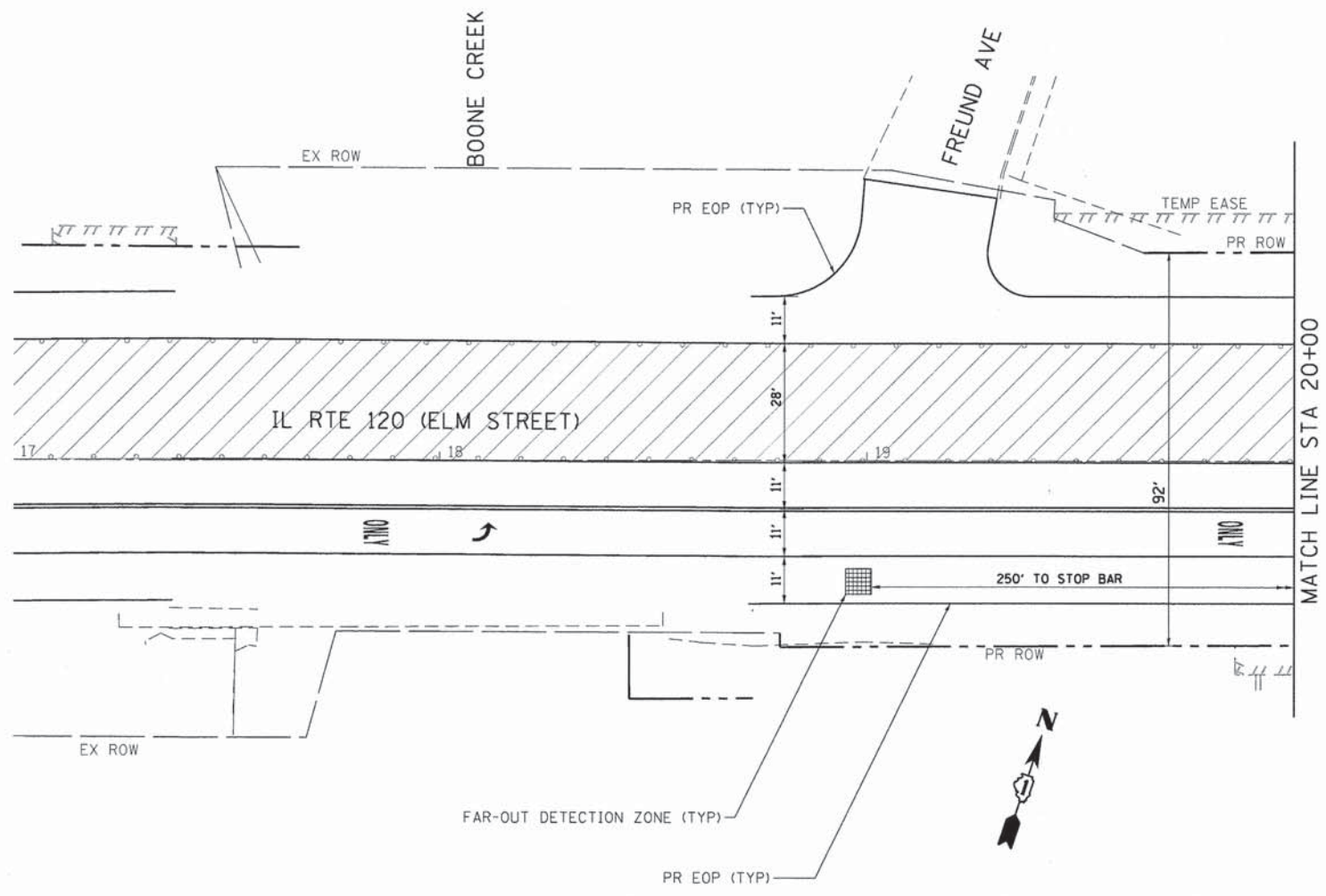


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	DRAWN - DS	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

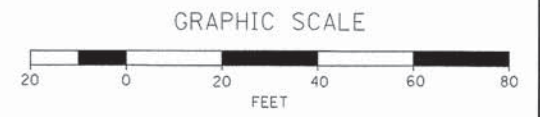
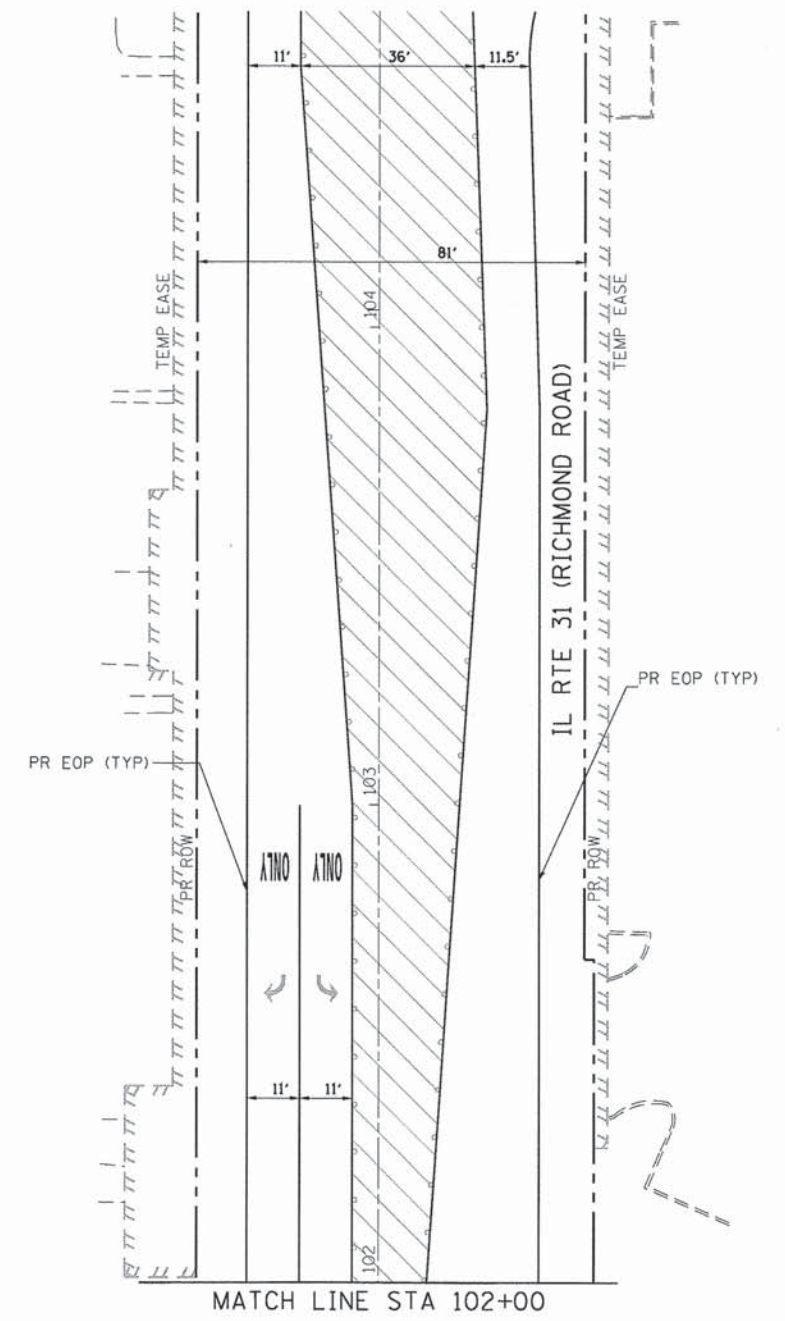
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN			
STAGE 4			
ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 120			
SCALE: 1"=20'	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00067-00-CH	MCHENRY	226	99
FAP 333, FAP 336, FAU 81			CONTRACT NO. 63750	
ILLINOIS/FED. AID PROJECT				



NOTE
 THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

- LEGEND:**
- WORK ZONE
 - DETECTION ZONE
 - PROPOSED STAGE 4 PCC PAVEMENT



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: HRGreen.com
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DRAWN - DS	REVISIONS -	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
 STAGE 4
 ILLINOIS ROUTE 31 AT ILLINOIS ROUTE 120**

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	05-00067-00-CH	MCHENRY	226	100
* FAP 333, FAP 336, FAU 81		CONTRACT NO. 63750		
ILLINOIS FED. AID PROJECT				