

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	1
FED. ROAD DIST. NO 1 ILLINOIS		CONTRACT NO. 61C06		

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

TRAFFIC DATA

ADT:	2012 TRAFFIC	2040 TRAFFIC
EOLA ROAD	15,070 VPD	27,000 VPD
87TH STREET	3,790 VPD	8,000 VPD
83RD STREET	8,870 VPD	13,000 VPD

ROADWAY	SPEED POSTED	DESIGN SPEED
EOLA ROAD	30 MPH	40 MPH
87TH STREET	35 MPH	40 MPH
83RD STREET	35 MPH	40 MPH

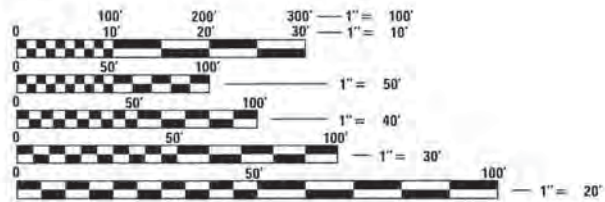
DESIGN DESIGNATION

FAU 2531 (EOLA ROAD) - MINOR ARTERIAL
FAU 1556 (87TH STREET) - MAJOR COLLECTOR
FAU 3819 (83RD STREET) - MAJOR COLLECTOR

J.U.L.I.E.
JOINT
UTILITY
LOCATION
INFORMATION FOR
EXCAVATION
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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.

PROJECT LOCATED IN THE CITY OF AURORA



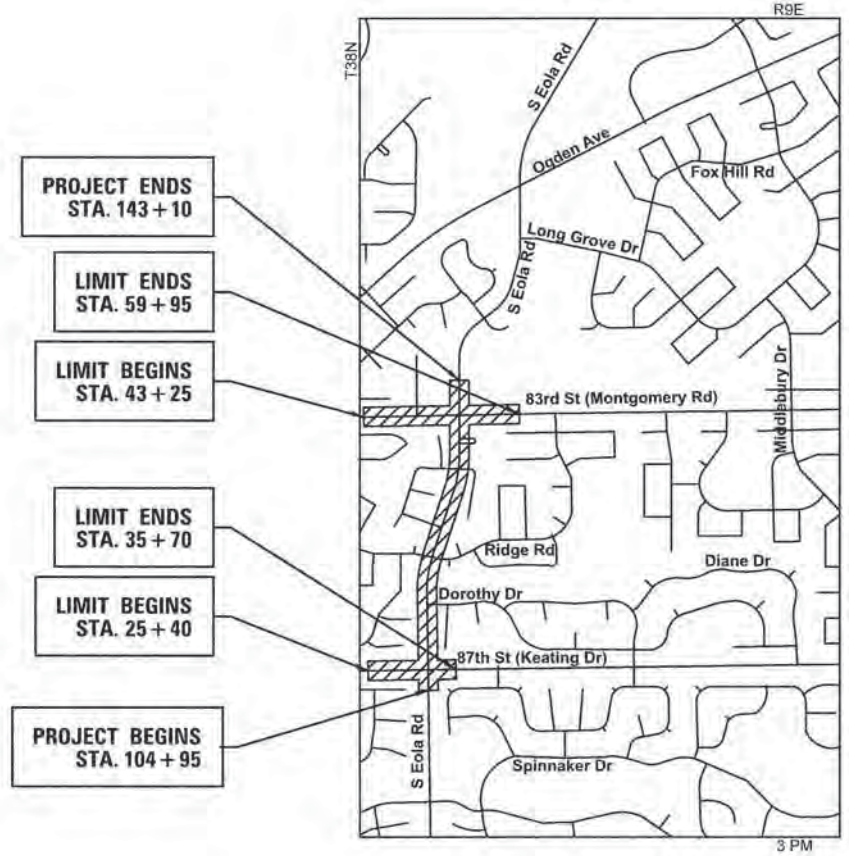
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Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.com
ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

PROJECT ENGINEER: J. STRZALKA
PROJECT MANAGER: A. CHAUDHRY
CONTRACT NO. 61C06

PLANS FOR PROPOSED
FEDERAL-AID HIGHWAY

FAU 2531 (EOLA ROAD)
EOLA ROAD IMPROVEMENTS
FROM 87TH STREET (KEATING DR) TO 83RD STREET (MONTGOMERY RD)
RECONSTRUCTION, TRAFFIC SIGNALS, DRAINAGE AND SHARED-USE PATH
SECTION: 10-00292-00-WR
PROJECT: M-CMM-4003 (296)

CITY OF AURORA
DUPAGE COUNTY
JOB: C-91-281-14
PROJECT LOCATION MAP
NAPERVILLE TOWNSHIP
N.T.S.



- PROJECT ENDS STA. 143 + 10
- LIMIT ENDS STA. 59 + 95
- LIMIT BEGINS STA. 43 + 25
- LIMIT ENDS STA. 35 + 70
- LIMIT BEGINS STA. 25 + 40
- PROJECT BEGINS STA. 104 + 95



JEFFREY J. STRZALKA, P.E.
EXPIRES: 11-30-15

STEVEN L. SCHWARZ, P.E., S.E.
EXPIRES: 11/30/2016
STRUCTURE SHEETS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED October 7, 2015
[Signature]
CITY OF AURORA

PASSED November 10, 2015
[Signature] CHRISTOPHER HELT
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED REVIEW November 10, 2015
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

PROJECT LENGTH
NET AND GROSS LENGTH OF PROJECT = 6,515 FT. = 1.23 MILES

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. 847-705-4021 SCHAUMBURG, IL

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DISTRICT ONE DETAILS

STANDARD NO.	LIST OF DESCRIPTION
BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15'(4.5m)
BD-02	DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15'(4.5m)
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-32	BUTT JOINT AND HMA TAPER DETAILS
BD-36	FIRE HYDRANT TO BE MOVED
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
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TC-11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-02	MAST ARM MOUNTED STREET NAME SIGNS
TS-05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (6 SHEETS)

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006-00	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET, TYPE A
602401-03	MANHOLE, TYPE A
602406-04	MANHOLE, TYPE A, 6' DIAMETER
602411-04	MANHOLE, TYPE A, 7' DIAMETER
602416-04	MANHOLE, TYPE A, 8' DIAMETER
602421-04	MANHOLE, TYPE A, 9' DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
604036-03	GRATE TYPE B
604046-03	FRAME AND GRATE, TYPE 10
604051-04	FRAME AND GRATE TYPE 11
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-04	OFF-ROAD OPERATIONS MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
 FILE PATH: \\server\projects\10-00292-00-WR\10-00292-00-WR.dgn
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND STATE STANDARDS			
SCALE: NTS	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	2
CONTRACT NO.				61C06
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD88 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.
- SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS AND SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE IN THE PORTION REMAINING. THE COST OF SAW CUTTING WILL BE INCLUDED IN CONTRACT UNIT BID PRICES FOR THE ITEMS BEING REMOVED.
- DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W. UNLESS OTHERWISE NOTED.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ITEM BEING CONSTRUCTED.
- 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 ALONG THE PROJECT SHALL REMAIN THE PROPERTY OF THE CITY OF AURORA AND SHALL BE RETURNED TO THE CITY UPON REMOVAL.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY PROPERTY WITHOUT WRITTEN CONSENT FROM THE CITY OF AURORA.
- CONSTRUCTION WORK MAY BE PERFORMED MONDAY THRU FRIDAY DURING THE HOURS OF 7:00 A.M. TO 9:00 P.M. AND ON WEEKENDS FROM 8:00 A.M. TO 6:00 P.M. NO WORK MAY BE PERFORMED PRIOR OR BEYOND THIS PERIOD WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY. NO COMPENSATION WILL BE PAID FOR ANY INCONVENIENCE, DELAY, OR LOSS EXPERIENCE BY THE CONTRACTOR BECAUSE OF ADJUSTMENTS TO THEIR NORMAL SCHEDULE.
- WHEN CONDITIONS ARE ENCOUNTERED WHERE THE EXCAVATION FOR STRUCTURE OR PIPE CANNOT BE KEPT FREE OF WATER FOR PROSECUTING THE WORK THE CONTRACTOR SHALL PUMP AND/OR DIVERT WATER TO ACCOMMODATE CONSTRUCTION ACTIVITIES. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STRUCTURE OR PIPE BEING INSTALLED.

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.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL COOPERATE WITH THE CITY OF AURORA IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE CITY WITHIN THE DURATION OF THE CONTRACT.
- THE CONNECTION OF PROPOSED PIPE UNDERDRAINS TO EXISTING PIPES WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAIN.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- 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.
- 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.
- WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE CITY OF AURORA AT 720 N. BROADWAY, AS APPLICABLE.

- 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 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: CITY OF AURORA ; ALL LIDS TO BE USED ON WATER STRUCTURES SHALL BEAR THE WORD "WATER." 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." 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.
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 8" 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.
- STORM SEWER REMOVAL AND PIPE CULVERT REMOVAL WILL NOT BE PAID FOR SEPARATELY WHEN THE EXISTING PIPE IS IN THE SAME TRENCH AS THE PROPOSED PIPE. THE REMOVAL WILL BE INCLUDED IN THE COST OF THE PIPE BEING INSTALLED. TRENCH BACKFILL REQUIRED TO FILL AREAS OF STORM SEWER OR PIPE CULVERT REMOVAL WHERE THERE IS NO REPLACEMENT WILL BE PAID FOR SEPERATELY IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- 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 STORM SEWER CLASS A WATER MAIN REQUIREMENTS, SHALL BE REINFORCED CONCRETE PIPE WITH FLEXIBLE GASKET MEETING THE REQUIREMENTS OF ASTM C361, WATER MAIN REQUIREMENTS. THIS ITEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE OF STORM SEWER.
- GRATING FOR CONCRETE FLARED END SECTIONS WILL BE REQUIRED ON ALL FLARED END SECTIONS IN ACCORDANCE WITH SECTION 542 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE INCLUDED IN THE COST OF THE FLARED END SECTION BEING INSTALLED.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS, 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 CONTRACTOR PRIOR TO THE USE OF THE WATER.
- THE CONTRACTOR SHALL OBTAIN A WATER METER FROM THE CITY OF AURORA MAINTENANCE PUMPING STATION TO USE WATER FOR DUST CONTROL, MIXING MORTAR, ETC. THE CONTRACTOR WILL PAY FOR THE QUANTITY OF WATER USED AND WILL NOT BE REIMBURSED FOR THE USE OF CITY WATER.

BACKFILL

- STORM SEWER AND PIPE CULVERTS SHALL BE BACKFILLED 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 AND PIPE CULVERTS 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.
- TRENCH BACKFILL MATERIAL SHALL CONSIST OF CA-6 CRUSHED STONE OR CRUSHED AGGREGATE.
- COST OF ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED IN THE DRAINAGE SCHEDULES, INCLUDING BEDDING HAUNCHING AND INITIAL BACKFILL MATERIAL, SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR TRENCH BACKFILL.
- THE CONTRACTOR SHALL FILL THE HOLES CREATED BY THE REMOVAL OF THE DRIVEWAY PAVEMENT WHERE NEW STORM SEWER OR PIPE CULVERTS HAVE BEEN INSTALLED WITH AGGREGATE BASE COURSE (CA-6) CRUSHED SO THAT THE RESIDENTS CAN USE THEIR DRIVEWAYS UNTIL THE START OF DRIVEWAY REPLACEMENT. THE COST OF THE AGGREGATE BASE COURSE WILL BE INCLUDED IN THE COST OF TRENCH BACKFILL.

SIGNING AND STRIPING

- SEE IDOT DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- 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 COST OF THE SIGNS BEING INSTALLED.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.
- ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSTING "FRESH OIL" SIGNS (48"x48" MINIMUM) AS NEEDED FOR THE PROJECT. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SIGNS IN THE PARKWAY TWENTY-FOUR (24) HOURS PRIOR TO STARTING WORK ON EACH STREET. THE SIGNS SHALL READ "FRESH OIL, TRAVEL AT YOUR OWN RISK." THE CONTRACTOR SHALL REMOVE THE SIGNS AND REINSTALL THEM AS NEEDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT BE INCLUDED IN THE COST OF THE APPLICABLE TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 783 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF PAVEMENT REMOVAL.

EARTHWORK

- SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSUITABLE MATERIAL.
- PRIOR TO ANY EMBANKMENT PLACEMENT, ALL VEGETATION AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL AS APPROVED BY THE ENGINEER.
- AGGREGATE SUBGRADE IMPROVEMENT IN CU YD (AS1) HAS BEEN PROVIDED FOR GENERAL USE. THE ACTUAL NEED FOR REMOVAL OF UNSUITABLE AND UNSTABLE SOILS AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED FROM THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE DUE TOWARDS THE CONTRACTOR.

SEDIMENTATION AND EROSION CONTROL

- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY AND PERMANENT MEASURES.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET SHALL BE APPLIED ON ALL DISTURBED AREAS IN ACCORDANCE WITH SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDDED SHALL BE DETERMINED BY THE ENGINEER.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF THE ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE IN ACCORDANCE WITH SECTIONS 250 AND 280 OF THE STANDARD SPECIFICATIONS.
- EROSION CONTROL SYSTEMS SHALL BE INSPECTED WEEKLY AND IMMEDIATELY FOLLOWING ANY STORM HAVING A RAINFALL EQUAL TO ONE-HALF INCH OR GREATER. ANY REQUIRED REPAIRS TO THE EROSION CONTROL SYSTEMS SHALL BE MADE IMMEDIATELY. ANY SILTATION OF CULVERTS, STRUCTURES, OR DITCHES SHALL BE CLEANED AND MAINTAINED BY THE CONTRACTOR UNTIL SEEDING HAS TAKEN HOLD. ALL WASHOUTS, GULLIES, ETC. WILL BE REGRADED AND RESEDED BY THE CONTRACTOR. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED AS DIRECTED BY THE ENGINEER.
- ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT OR AS DIRECTED BY THE ENGINEER AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES. IF DE-WATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
- THE EROSION CONTROL MEASURES INDICATED IN THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEANING STREETS OF ANY DEBRIS AND MATERIAL THAT HAS ACCUMULATED AS A RESULT OF THE CONSTRUCTION ACTIVITY. A MECHANICAL SWEEPER, MECHANICALLY DRIVEN AIR AND HANDWORK WITH SHOVEL AND BROOM SHALL BE UTILIZED TO PROVIDE A CLEAN STREET FOR THE MOTORING PUBLIC. WITHIN 24 HOURS OF PLACING PRIME COAT AND THE LAYING OF HMA, THE CONTRACTOR SHALL SWEEP THE PAVEMENT AND REMOVE STANDING WATER, EARTH, WEEDS, LEAVES, DIRT, CONSTRUCTION DEBRIS, AND ALL LOOSE MATERIAL. THIS WORK SHALL BE INCLUDED IN THE COST OF THE ITEM BEING INSTALLED.

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- TREES TO BE PROTECTED DURING CONSTRUCTION WILL BE IDENTIFIED BY THE ENGINEER AND RECEIVE PROTECTION IN ACCORDANCE WITH THE DETAILS PROVIDED IN THE PLANS. THIS WORK WILL BE PAID FOR AS TEMPORARY FENCE.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL PLANT MATERIAL WITH THE INSTALLATION OF OTHER IMPROVEMENTS SUCH AS HARDSCAPE ELEMENTS AND RELATED STRUCTURES. ANY DAMAGE TO EXISTING IMPROVEMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL STAKE ALL TREE LOCATIONS AND THE PERIMETER OF SHRUB/PERENNIAL BEDS PRIOR TO INSTALLATION AND CONTACT THE RESIDENT ENGINEER FOR APPROVAL. FINAL LOCATION AND STAKING OF ALL PLANT MATERIALS SHALL BE APPROVED BY THE RESIDENT ENGINEER IN ADVANCE OF PLANTING. IF CONFLICTS ARISE BETWEEN THE SIZE OF AREAS AND PLANS, THE CONTRACTOR IS REQUIRED TO CONTACT THE RESIDENT ENGINEER FOR RESOLUTION PRIOR TO INSTALLATION.
- ALL PLANTS SHALL BE NURSERY GROWN PLANTS MEETING AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA) STANDARDS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1-2004). PLANTS ARE TO BE TYPICAL IN SHAPE AND SIZE FOR SPECIES. PLANTS PLANTED IN ROWS OR GROUPS SHALL BE MATCHED IN FORM. PLANTS SHALL NOT BE ROOT-BOUND OR LOOSE IN THEIR CONTAINERS. HANDLE ALL PLANTS WITH CARE IN TRANSPORTING, PLANTING AND MAINTENANCE UNTIL INSPECTION AND FINAL ACCEPTANCE.

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HRGreen.com
 Illinois Professional Design Firm
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: NTS	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 3
CONTRACT NO. 61C06						ILLINOIS FED. AID PROJECT	

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY CMAQ 80% FEDERAL 0003	ROADWAY STP 80% FEDERAL 0003	STRUCTURES CMAQ 80% FEDERAL 0040	STRUCTURES STU 80% FEDERAL 0040	SIGNALS CMAQ 80% FEDERAL 0021	TRAINEES CMAQ 80% FEDERAL 0042
+ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,097	477	620				
+ 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	255	94	161				
+ 20101000	TEMPORARY FENCE	FOOT	740.0	480.0	260.0				
*+ 20101200	TREE ROOT PRUNING	EACH	7	4	3				
*+ 20101700	SUPPLEMENTAL WATERING	UNIT	16	8	8				
20200100	EARTH EXCAVATION	CU YD	7,910.0	6,259.4	1,650.6				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	15,044.0	10,227.8	4,414.2	12.0	390.0		
20400800	FURNISHED EXCAVATION	CU YD	4,189.0	3,141.7	1,047.3				
20800150	TRENCH BACKFILL	CU YD	5,993.3	3,304.7	2,688.6				
20900110	POROUS GRANULAR BACKFILL	CU YD	1,310.0			85.0	1,225.0		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	36,389.0	20,260.0	16,129.0				
+ 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	28,054.0	20,317.0	7,737.0				
+ 25000210	SEEDING, CLASS 2A	ACRE	5.80	4.20	1.60				
+ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	522	378	144				
+ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	522	378	144				
+ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	522	378	144				
+ 25100630	EROSION CONTROL BLANKET	SQ YD	28,054.0	20,317.0	7,737.0				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	580	420	160				
28000305	TEMPORARY DITCH CHECKS	FOOT	260.0	220.0	40.0				
28000400	PERIMETER EROSION BARRIER	FOOT	2,674.0	2,565.0	109.0				
28000500	INLET AND PIPE PROTECTION	EACH	2	2					
28000510	INLET FILTERS	EACH	117	69	48				
28100109	STONE RIPRAP, CLASS A5	SQ YD	73.0		73.0				
28200200	FILTER FABRIC	SQ YD	54.0		54.0				
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	4,180.0	2,700.4	1,479.6				
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	32,208	17,559.5	14,648.5				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3,047.0	943.0	2,104.0				
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	8,888.0	8,888.0					
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	355.0	254.0	101.0				
35600700	HOT-MIX ASPHALT BASE COURSE WIDENING, 6"	SQ YD	1,875.0	1,212.0	663.0				
* 40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,701	5,840	1,861				

* SPECIAL PROVISION
+ SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 4
CONTRACT NO. 61C06			ILLINOIS FED. AID PROJECT	

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY CMAQ 80% FEDERAL 0003	ROADWAY STP 80% FEDERAL 0003	STRUCTURES CMAQ 80% FEDERAL 0040	STRUCTURES STU 80% FEDERAL 0040	SIGNALS CMAQ 80% FEDERAL 0021	TRAINEES CMAQ 80% FEDERAL 0042
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	225.0	116.0	109.0				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	236	136	100				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	609	607	2				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	831	499	332				
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	547	547					
40701871	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"	SQ YD	2,429.0	2,429.0					
40701901	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"	SQ YD	25,334.0	13,057.0	12,277.0				
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	31,062.0	31,062.0					
* 42400800	DETECTABLE WARNINGS	SQ FT	695.0	695.0					
44000100	PAVEMENT REMOVAL	SQ YD	19,982.0	12,251.0	7,731.0				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	9,508.0	7,527.0	1,981.0				
* 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	378.0	363.0	15.0				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,953.0	4,927.0	1,026.0				
44000600	SIDEWALK REMOVAL	SQ FT	41,496.0	35,094.0	6,402.0				
44003100	MEDIAN REMOVAL	SQ FT	625.0	625.0					
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	72.0	57.0	15.0				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	72.0	57.0	15.0				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	72.0	57.0	15.0				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	72.0	57.0	15.0				
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3,785.0	3,266.0	519.0				
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1				1		
50105220	PIPE CULVERT REMOVAL	FOOT	540.0	100.0	440.0				
50200100	STRUCTURE EXCAVATION	CU YD	3,300.0			280.0	3,020.0		
50300225	CONCRETE STRUCTURES	CU YD	816.7			79.4	737.3		
* 50300285	FORM LINER TEXTURED SURFACE	SQ FT	7,966.0			680.0	7,286.0		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	77,280			7,860	69,420		
+ 50901720	BICYCLE RAILING	FOOT	701.0	701.0					
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2				2		
542C0217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	75.0	75.0					
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1					
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1					

* SPECIAL PROVISION
+ SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 5
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY CMAQ 80% FEDERAL 0003	ROADWAY STP 80% FEDERAL 0003	STRUCTURES CMAQ 80% FEDERAL 0040	STRUCTURES STU 80% FEDERAL 0040	SIGNALS CMAQ 80% FEDERAL 0021	TRAINEES CMAQ 80% FEDERAL 0042
54248510	CONCRETE COLLAR	CU YD	4.1	0.8	3.3				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,374.0	717.5	656.5				
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	183.5		183.5				
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	199.5	52.5	147.0				
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	56.5	56.5					
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	665.0		665.0				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	686.0	592.5	93.5				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	342.0	342.0					
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	664.5	664.5					
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	69.0	69.0					
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	412.5	114.5	298.0				
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	491.0		491.0				
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	579.5		579.5				
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	290.5		290.5				
55100500	STORM SEWER REMOVAL 12"	FOOT	1,060.0	980.0	80.0				
55100700	STORM SEWER REMOVAL 15"	FOOT	295.0	100.0	195.0				
55100900	STORM SEWER REMOVAL 18"	FOOT	385.0	385.0					
55101100	STORM SEWER REMOVAL 21"	FOOT	50.0	50.0					
55101200	STORM SEWER REMOVAL 24"	FOOT	640.0	320.0	320.0				
55101400	STORM SEWER REMOVAL 30"	FOOT	260.0	260.0					
* + 56106600	ADJUSTING WATER MAIN 12"	FOOT	952.0	728.0	224.0				
* + 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	3	2	1				
* + 56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	6	3	3				
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	707.0			55.0	652.0		
* 60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	3,930.0	1,960.0	1,970.0				
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	6	4	2				
60201005	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 10 FRAME AND GRATE	EACH	1	1					
60201105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 11 FRAME AND GRATE	EACH	55	35	20				
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	4					
60204505	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 8 GRATE	EACH	1	1					
60204805	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2					

* SPECIAL PROVISION
+ SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	6
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY CMAQ 80% FEDERAL 0003	ROADWAY STP 80% FEDERAL 0003	STRUCTURES CMAQ 80% FEDERAL 0040	STRUCTURES STU 80% FEDERAL 0040	SIGNALS CMAQ 80% FEDERAL 0021	TRAINEES CMAQ 80% FEDERAL 0042
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	8	7	1				
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15	14	1				
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6					
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	18	5	13				
60224459	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1				
60224469	MANHOLES, TYPE A, 9' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2				
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	33	18	15				
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4	4					
60251200	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	1		1				
60251500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	1	1					
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	2	1				
60256400	MANHOLES TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	1	1					
60258800	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE	EACH	2	1	1				
60261000	INLETS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	3	3					
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	1	1					
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	15	7	8				
60500040	REMOVING MANHOLES	EACH	9	7	2				
60500050	REMOVING CATCH BASINS	EACH	8	8					
60500060	REMOVING INLETS	EACH	19	15	4				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	12,364.0	7,938.0	4,426.0				
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,221.0	1,221.0					
+ 63200310	GUARDRAIL REMOVAL	FOOT	651.0	26.0	625.0				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18					
67100100	MOBILIZATION	L SUM	1	1					
* 70106800	CHANGEABLE MESSAGE SIGN	CAL MO	108	108					
+ 70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,798	1,170.5	627.5				
+ 70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	110.0	110.0					
+ 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	22,814.0	15,217.0	7,597.0				
+ 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	591.0	591.0					
+ 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	47.0	47.0					
+ 70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	255.0	255.0					

* SPECIAL PROVISION
+ SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	7
CONTRACT NO.			61C06	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY CMAQ 80% FEDERAL 0003	ROADWAY STP 80% FEDERAL 0003	STRUCTURES CMAQ 80% FEDERAL 0040	STRUCTURES STU 80% FEDERAL 0040	SIGNALS CMAQ 80% FEDERAL 0021	TRAINEES CMAQ 80% FEDERAL 0042
+ 70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	17,634.0	14,267.0	3,367.0				
+ 70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	1,370.0	1,370.0					
+ 70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	347.0	347.0					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	16,212.0	12,333.0	3,879.0				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	7,212.5	4,437.5	2,775.0				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	6,575.0	3,187.5	3,387.5				
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	21	8	13				
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	13	13					
+ 72000100	SIGN PANEL - TYPE 1	SQ FT	260.0	119.0	129.0			12.0	
+ 72000200	SIGN PANEL - TYPE 2	SQ FT	21.0					21.0	
+ 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	59.0	46.0	13.0				
+ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	423.0	185.0	238.0				
+ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	692.0	473.0	219.0				
+ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16,364.0	10,283.0	6,081.0				
+ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5,928.0	4,183.0	1,745.0				
+ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	8,845.0	817.5	8,027.5				
+ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	505.0	355.0	150.0				
+ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	535	328	207				
+ 78300100	PAVEMENT MARKING REMOVAL	SQ FT	7,524.0	5,758.0	1,766.0				
*+ 80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1					1	
+ 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2,095.0					2,095.0	
+ 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	116.0					116.0	
+ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	93.0					93.0	
+ 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	4,636.0					4,636.0	
*+ 81400100	HANDHOLE	EACH	8					8	
+ 81400300	DOUBLE HANDHOLE	EACH	1					1	
+ 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	803.0					803.0	
+ 82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4					4	
+ 82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1					1	
*+ 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4					4	
*+ 85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	4					4	

* SPECIAL PROVISION
+ SPECIALTY ITEM

COMPANY NAME: HRCGreen
PROJECT CONTACT: HRCGreen
CLIENT: HRCGreen
DATE PLOTTED: 11/11/2015 11:16:45 AM
FILE NAME: 86130384-sht-sum01.dgn
PLOT DRIVER: plotttbl.dwg
PEN TABLE: plotttbl.tbl

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	PLOT SCALE =	CHECKED -	REVISED -
	PLOT DATE = 11/11/2015	DATE - 11/11/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	TOTAL SHEETS	STA.
	5 OF 8 SHEETS	8	TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY	TOTAL SHEETS 229	SHEET NO. 8
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 61C06

COMPANY NAME: *COMPANY NAME*
 PROJECT CONTACT: *PROJECT CONTACT*
 CLIENT: *CLIENT*
 DATE PLOTTED: 12/9/2015 10:41:09 AM
 FILE NAME: 86130384-sht-sum01.dgn
 PLOT DRIVER: IL_dcf_bwp.ctb
 PEN TABLE: pen.tbl

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY CMAQ 80% FEDERAL 0003	ROADWAY STP 80% FEDERAL 0003	STRUCTURES CMAQ 80% FEDERAL 0040	STRUCTURES STU 80% FEDERAL 0040	SIGNALS CMAQ 80% FEDERAL 0021	TRAINEES CMAQ 80% FEDERAL 0042
* +	85100800	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	EACH	1				1	
* +	85100901	PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	EACH	4				4	
+	86400100	TRANSCEIVER - FIBER OPTIC	EACH	1				1	
+	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,408.0				1,408.0	
+	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,763.0				1,763.0	
+	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,304.5				1,304.5	
+	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,512.0				2,512.0	
+	87301615	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 16 6 PAIR	FOOT	778.0				778.0	
+	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	47.5				47.5	
* +	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,344.0				1,344.0	
* +	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4				4	
+	87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1				1	
+	87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1				1	
+	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1				1	
+	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1				1	
+	87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1				1	
* +	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	991.0	143.0	820.0		28.0	
* +	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4.0				4.0	
* +	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	65.0				65.0	
+	87900200	DRILL EXISTING HANDHOLE	EACH	26				26	
* +	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5				5	
* +	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1				1	
* +	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6				6	
* +	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6				6	
* +	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8				8	
* +	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	11				11	
* +	88700200	LIGHT DETECTOR	EACH	4				4	
* +	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1	
* +	88800100	PEDESTRIAN PUSH-BUTTON	EACH	8				8	
* +	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2				2	
+	89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1	

* SPECIAL PROVISION
 + SPECIALTY ITEM



USER NAME = *hood	DESIGNED -	REVISED -
FILE NAME = 86130384-sht-sum01.dgn	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 12/9/2015	DATE = 12/9/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	9
CONTRACT NO.			61C06	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 DATE PLOTTED: 11/11/2015 10:16:47 AM
 FILE NAME: 86130384-ht-sum01.dgn
 PLOT DRIVER: il_plot.dwt
 PEN TABLE: plottable.tbl

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY CMAQ 80% FEDERAL 0003	ROADWAY STP 80% FEDERAL 0003	STRUCTURES CMAQ 80% FEDERAL 0040	STRUCTURES STU 80% FEDERAL 0040	SIGNALS CMAQ 80% FEDERAL 0021	TRAINEES CMAQ 80% FEDERAL 0042
* + 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1					1	
+ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	10,542.0					10,542.0	
+ 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	7,874.0					7,874.0	
* + 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2					2	
* + 89502376	REBUILD EXISTING HANDHOLE	EACH	3					3	
+ 89502380	REMOVE EXISTING HANDHOLE	EACH	16					16	
+ 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1					1	
+ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	24	6	5			13	
* + A2000192	TREE, ACER X FREEMANII AUTUMN FANTASY (AUTUMN FANTASY FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16	16					
* + A2001220	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9					
* + A2003120	TREE, CELTIS OCCIDENTALIS WINDY CITY (WINDY CITY HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16	4	12				
* + A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	15	8	7				
* + A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8	8					
* + A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	17	4	13				
* + B0001716	TREE, AMELANCHIER X GRANDIFLORA APPLE, (APPLE SERVICEBERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	15	6	9				
* + B2000778	TREE, AMELANCHIER LAEVIS (ALLEGHENY SERVICEBERRY), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	13	10	3				
* + B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	17		17				
* + B2006379	TREE, SYRINGA RETICULATA SUMMER SNOW (SUMMER SNOW JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	16		16				
* + B2007066	TREE, MALUS PURPLE PRINCE (PURPLE PRINCE CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	16	16					
* + K1005481	SHREDDED BARK MULCH 3"	SQ YD	632.0	324.0	308.0				
* X0322463	CONNECTION TO EXISTING SEWER	EACH	13	10	3				
* X0322936	REMOVE EXISTING FLARED END SECTION	EACH	19	5	14				
* + X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	308.0					308.0	
* + X0326885	VIDEO DETECTION SYSTEM	EACH	1					1	
* + X0327301	RELOCATE EXISTING MAILBOX	EACH	6	5	1				
* X0327576	TEMPORARY PATCHING	SQ YD	943.0	488.0	455.0				
* + X0327808	PLANTING SOIL MIX FURNISH AND PLACE, 18"	SQ YD	632.0	324.0	308.0				
* + X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET, SPECIAL	EACH	1					1	
* + X2011000	TEMPORARY FENCE (SPECIAL)	FOOT	6,499.0	3,309.0	3,190.0				
* X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	200.0	200.0					
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	7	6	1				

* SPECIAL PROVISION
 + SPECIALTY ITEM

HRGreen.com Illinois Professional Design Firm # 114-09122	USER NAME = dstencz FILE NAME = 86130384-ht-sum01.dgn PLOT SCALE = PLOT DATE = 11/11/2015	DESIGNED - DRAWN - CHECKED - DATE = 11/11/15	REVISED - REVISED - REVISED - REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	10
CONTRACT NO.			61C06	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

COMPANY NAME: #COMPANY NAME
 PROJECT CONTACT: #PROJECT CONTACT #
 CLIENT: #CLIENT #
 DATE PLOTTED: 11/11/2015 11:16:48 AM
 FILE NAME: 86130384-sht-sum.tbl.dgn
 PLOT DRIVER: IL_pdf_bw.dwt
 PEN TABLE: plottbl.tbl

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY CMAQ 80% FEDERAL 0003	ROADWAY STP 80% FEDERAL 0003	STRUCTURES CMAQ 80% FEDERAL 0040	STRUCTURES STU 80% FEDERAL 0040	SIGNALS CMAQ 80% FEDERAL 0021	TRAINEES CMAQ 80% FEDERAL 0042
* X4023000	TEMPORARY ACCESS (ROAD)	EACH	18		18				
* X5121800	PERMANENT STEEL SHEET PILING	SQ FT	2,008.0				2,008.0		
* X5401205	PRECAST CONCRETE BOX CULVERTS 12' X 5' (SPECIAL)	FOOT	93.0				93.0		
* X6020096	MANHOLES, TYPE A, 6' -DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1					
* X6020099	MANHOLES, TYPE A, 9' -DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	2		2				
* X6020293	MANHOLES, TYPE A, 8' -DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1		1				
* X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6	2	4				
* X6060714	CONCRETE MEDIAN (SPECIAL)	SQ FT	3,972.0	3,972.0					
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
* + X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	11	6	5				
* + X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1					1	
* + X8780105	CONCRETE FOUNDATIONS (SPECIAL)	EACH	790	449	341				
* + Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
* + Z0022800	FENCE REMOVAL	FOOT	3,990.0	1,386.0	2,604.0				
* + Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	359.8	205.6	154.2				
* + Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2					2	
* Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	724.5	459.5	265.0				
* Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	417.0	417.0					
* Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	240.5	240.5					
* Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	107.0	107.0					
* Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	187.5	109.5	78.0				
* Z0056624	STORM SEWER (WATER MAIN REQUIREMENTS) 42 INCH	FOOT	130.5	49.5	81.0				
* Z0056628	STORM SEWER (WATER MAIN REQUIREMENTS) 54 INCH	FOOT	117.0		117.0				
* Z0062456	TEMPORARY PAVEMENT	SQ YD	3,047.0	1,355.0	1,692.0				
* + Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2					2	
* Z0076600	TRAINEES	HOUR	1,500						1,500
* Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,500						1,500
* + Z0077700	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	300.0	100.0	200.0				
* + XX009019	POLYETHYLENE FENCE, 6 FOOT	FOOT	4,365.0	2,890.0	1,475.0				
* + XX009080	POLYETHYLENE NOISE REDUCTION FENCE, 8 FOOT	FOOT	501.0		501.0				
* + XX009081	POLYETHYLENE NOISE REDUCTION FENCE, 12 FOOT	FOOT	584.0		584.0				
* + XX009082	SHED REMOVAL AND REINSTALLATION	EACH	3	3					

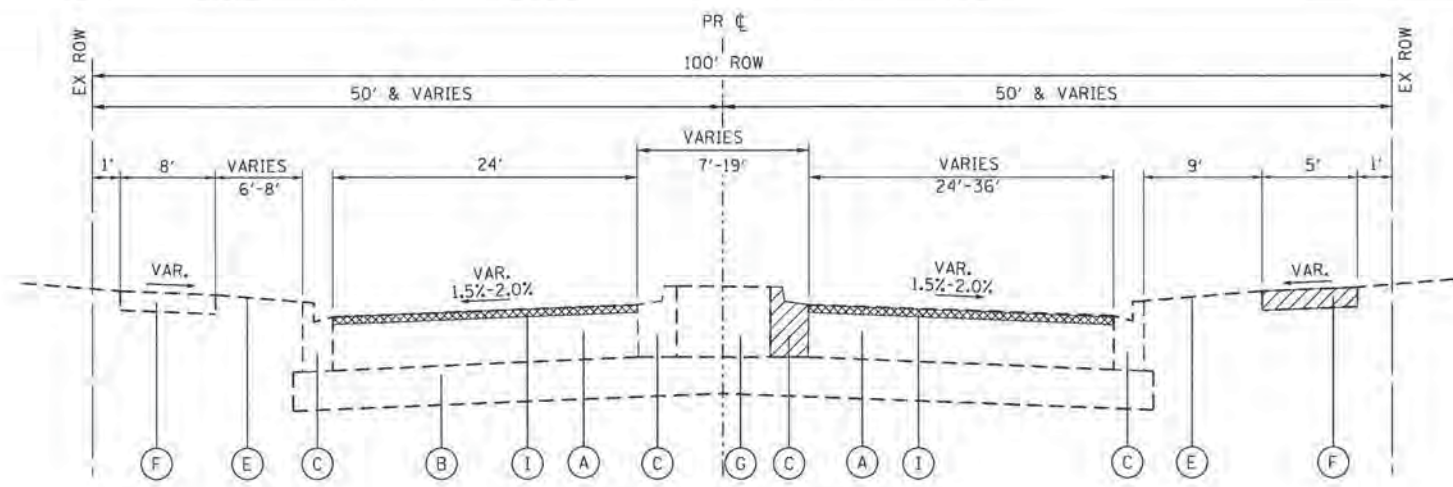
* SPECIAL PROVISION
 + SPECIALTY ITEM

HRGreen.com Illinois Professional Design Firm #164-001522	USER NAME = dstancz FILE NAME = 86130384-sht-sum.tbl.dgn PLOT SCALE = PLOT DATE = 11/11/2015	DESIGNED - DRAWN - CHECKED - DATE - 11/11/15	REVISED - REVISED - REVISED - REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

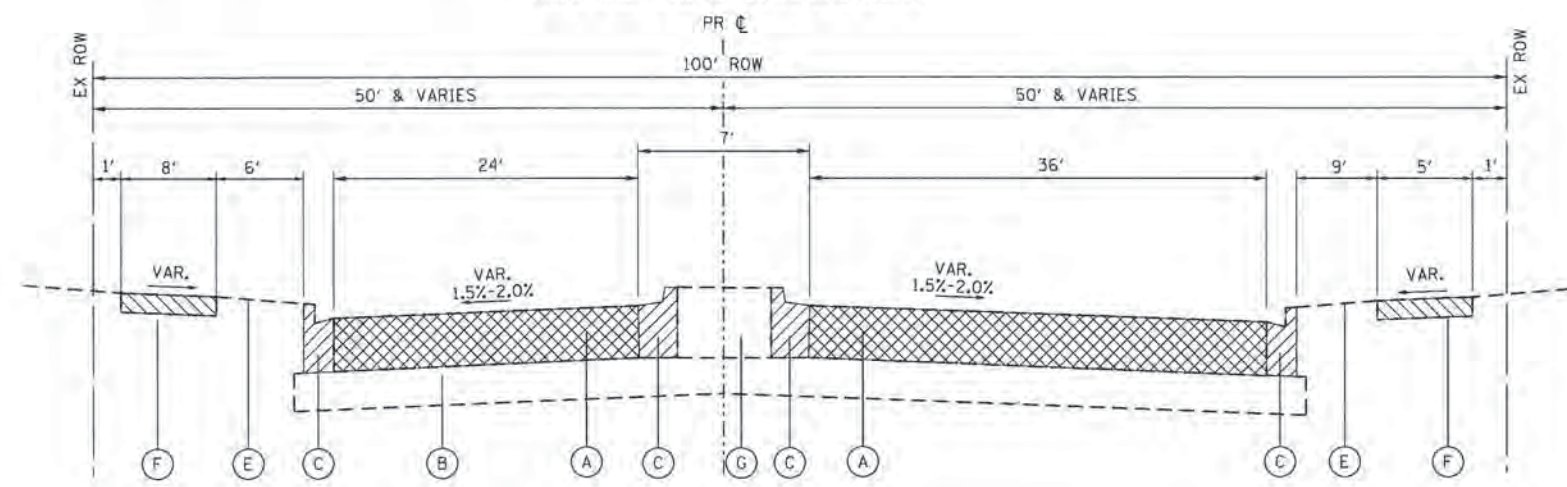
SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	OF	TOTAL SHEETS
	8	OF	8 SHEETS
	STA.		TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 11
CONTRACT NO. 61C06			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

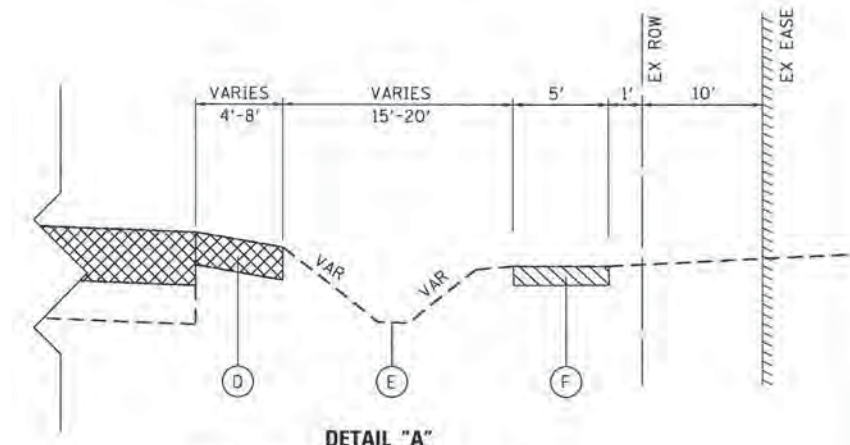
EOLA ROAD STA. 104+95 TO STA. 108+04



EXISTING TYPICAL SECTION

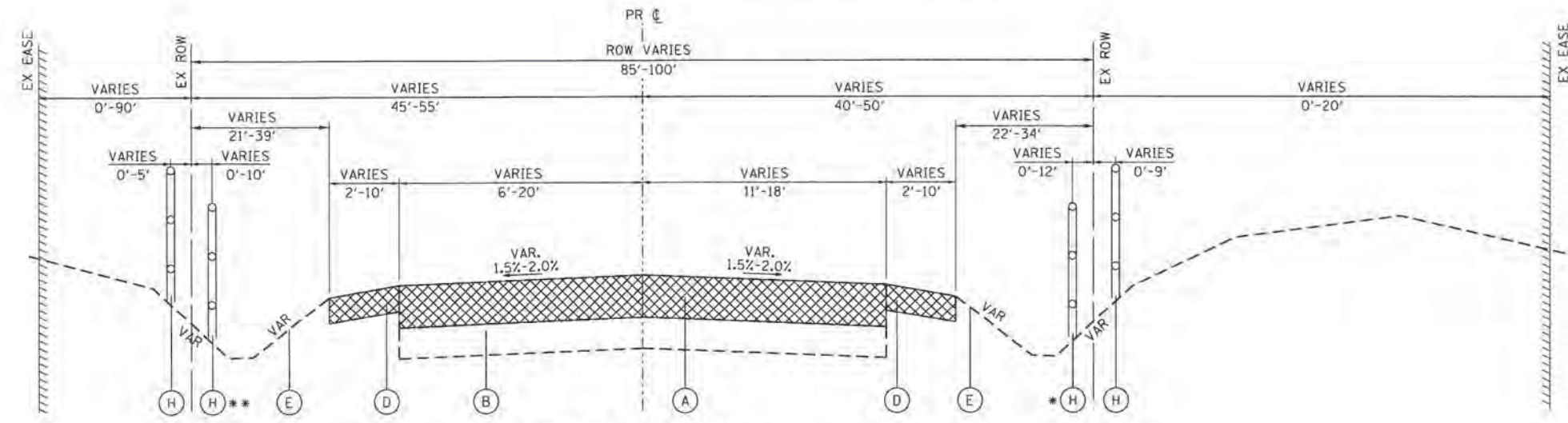
EOLA ROAD STA. 108+04 TO STA. 109+00

- EXISTING LEGEND**
- (A) HOT-MIX ASPHALT PAVEMENT; 11" TO 13 1/2"
 - (B) AGGREGATE BASE COURSE, 12" TO 14"
 - (C) COMBINATION CONCRETE CURB AND GUTTER
 - (D) AGGREGATE SHOULDERS TO BE REMOVED
 - (E) EXISTING GROUND
 - (F) EXISTING PCC SIDEWALK; ±6"
 - (G) EXISTING LANDSCAPED MEDIAN
 - (H) EXISTING FENCE TO BE REMOVED (CONTRACTOR'S RESPONSIBILITY TO DETERMINE SIZE & TYPE)
 - (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
- INDICATES PAVEMENT REMOVAL
- INDICATES REMOVAL ITEM



DETAIL "A"

EOLA ROAD STA. 109+20 TO STA. 117+48

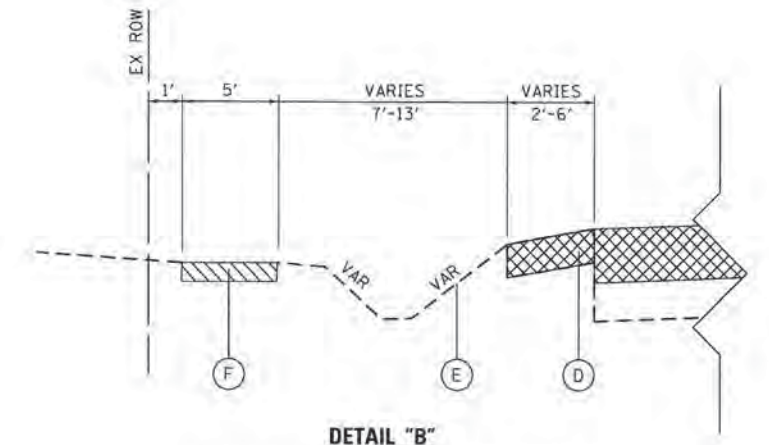


EXISTING TYPICAL SECTION

EOLA ROAD STA. 109+00 TO STA. 134+24

** SEE DETAIL "B"

• SEE DETAIL "A"



DETAIL "B"

EOLA ROAD STA. 130+58 TO STA. 134+24

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 10/30/2015 9:06:38 AM
 FILE NAME: 86130384-shr-typical-01.dgn
 PLOT DRIVER: IL_plt_driver.ctb
 PEN TABLE: dwt10a.ctb

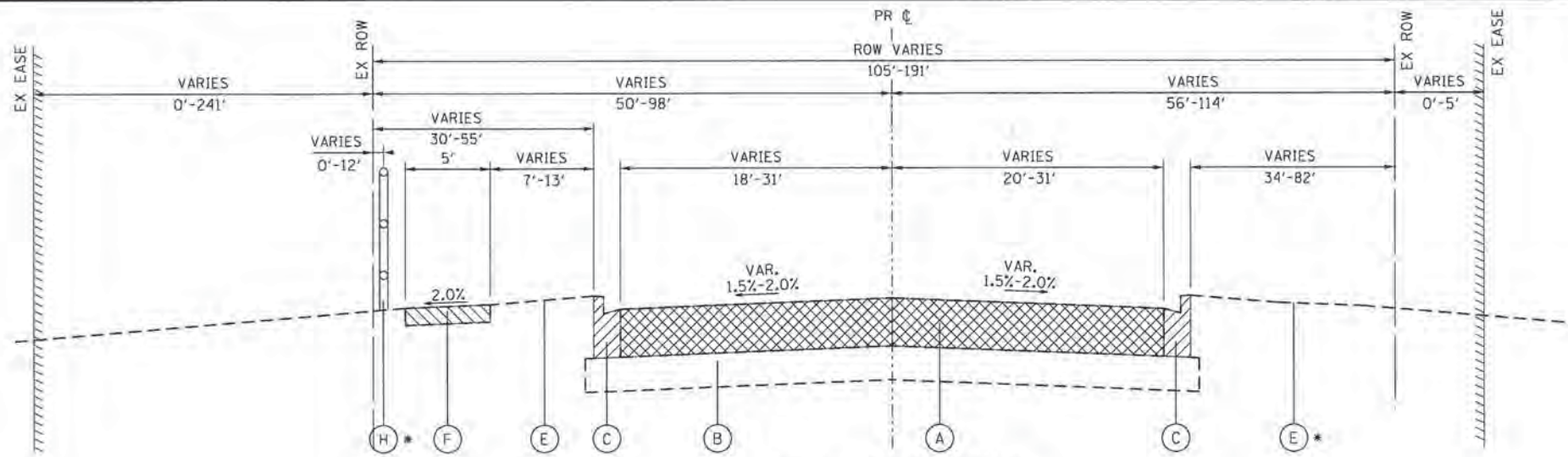


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FILE NAME = 86130384-shr-typical-01.dgn	DRAWN - HH	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS EOLA ROAD	
SCALE: NTS	SHEET NO. 1 OF 11 SHEETS
STA. _____	TO STA. _____

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DU PAGE	TOTAL SHEETS 229	SHEET NO. 12
CONTRACT NO. 61C06			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	



EXISTING TYPICAL SECTION

• EX FENCE TO BE REMOVED
EOLA ROAD: STA. 134+24 TO STA. 135+63

EOLA ROAD STA. 134+24 TO STA. 139+00

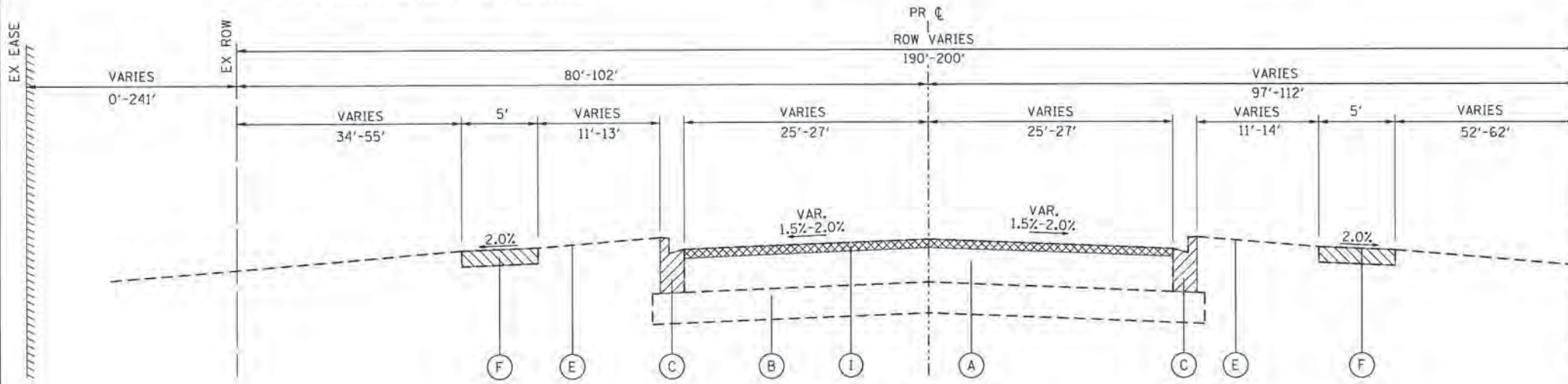
• SEE DETAIL "A"

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT: 11" TO 13 1/2"
- (B) AGGREGATE BASE COURSE, 12" TO 14"
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) AGGREGATE SHOULDERS TO BE REMOVED
- (E) EXISTING GROUND
- (F) EXISTING PCC SIDEWALK: ±6"
- (G) EXISTING LANDSCAPED MEDIAN
- (H) EXISTING FENCE TO BE REMOVED
(CONTRACTOR'S RESPONSIBILITY TO DETERMINE SIZE & TYPE)
- (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH

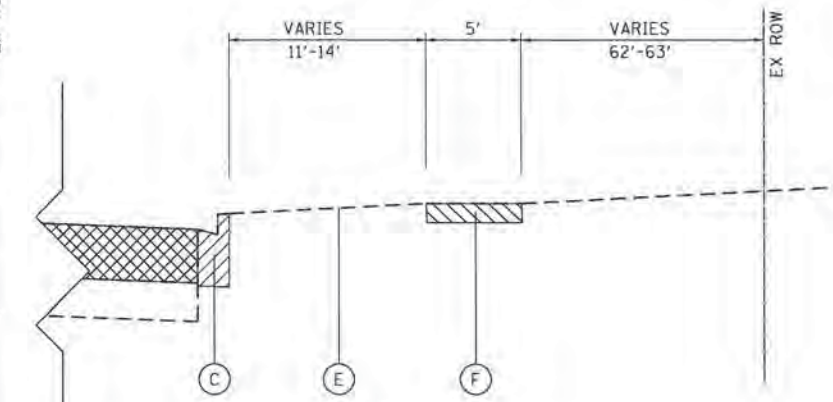
INDICATES PAVEMENT REMOVAL

INDICATES REMOVAL ITEM



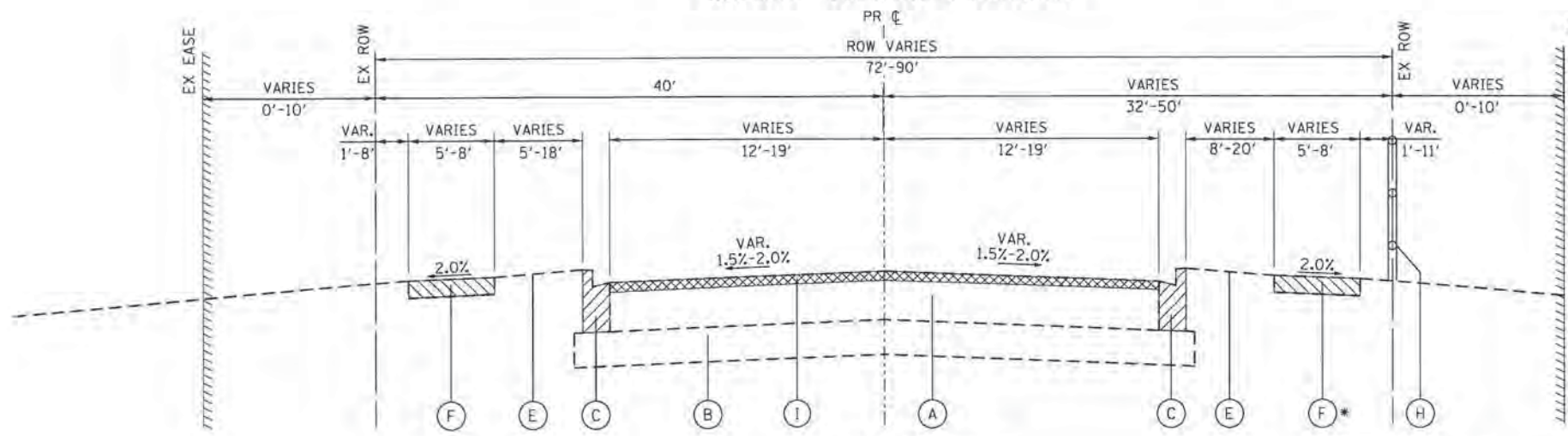
EXISTING TYPICAL SECTION

EOLA ROAD STA. 139+00 TO STA. 143+10



DETAIL "A"

EOLA ROAD STA. 136+37 TO STA. 139+00



EXISTING TYPICAL SECTION

83RD STREET STA. 43+25 TO STA. 44+05
83RD STREET STA. 47+90 TO STA. 49+85
87TH STREET STA. 25+40 TO STA. 29+12, STA. 34+21 TO STA. 35+70

• NO SIDEWALK TO BE REMOVED
87TH STREET: STA. 25+40 TO STA. 29+12

COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
DATE PLOTTED: 10/30/2015 9:06:23 AM
FILE NAME: 86130384-shc-typical-02.dgn
PLOT NUMBER: 10/30/2015 9:06:23 AM
PEN TABLE: 10/30/2015 9:06:23 AM



USER NAME: dsanez	DESIGNED: JS	REVISED:
FILE NAME: 86130384-shc-typical-02.dgn	DRAWN: HH	REVISED:
PLOT SCALE: NTS	CHECKED:	REVISED:
PLOT DATE: 10/30/2015	DATE: 10/30/15	REVISED:

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
EOLA ROAD/87TH ST/83RD ST**

SCALE: NTS SHEET NO. 2 OF 11 SHEETS STA. TO STA.

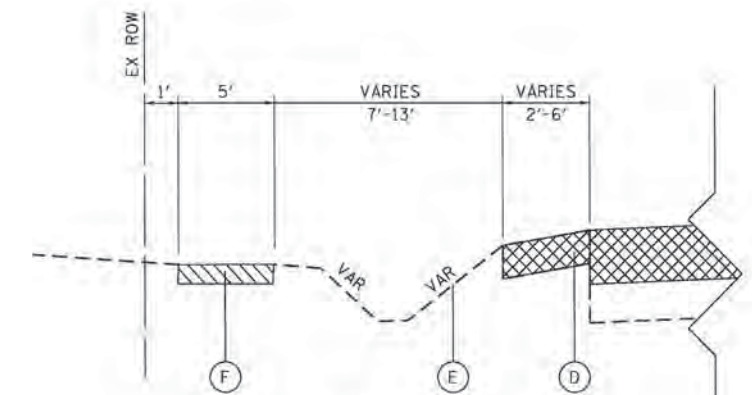
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	13
CONTRACT NO. 61C06				

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; 11" TO 13 1/2"
- (B) AGGREGATE BASE COURSE, 12" TO 14"
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) AGGREGATE SHOULDERS TO BE REMOVED
- (E) EXISTING GROUND
- (F) EXISTING PCC SIDEWALK; ±6"
- (G) EXISTING LANDSCAPED MEDIAN
- (H) EXISTING FENCE TO BE REMOVED
(CONTRACTOR'S RESPONSIBILITY TO DETERMINE SIZE & TYPE)
- (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH

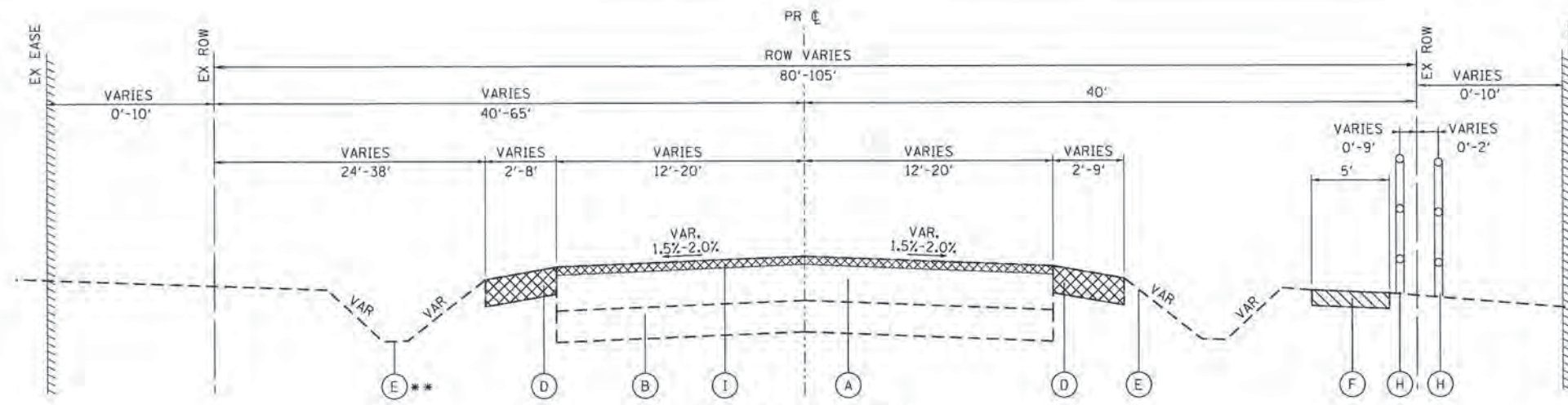
INDICATES PAVEMENT REMOVAL

INDICATES REMOVAL ITEM



DETAIL "A"

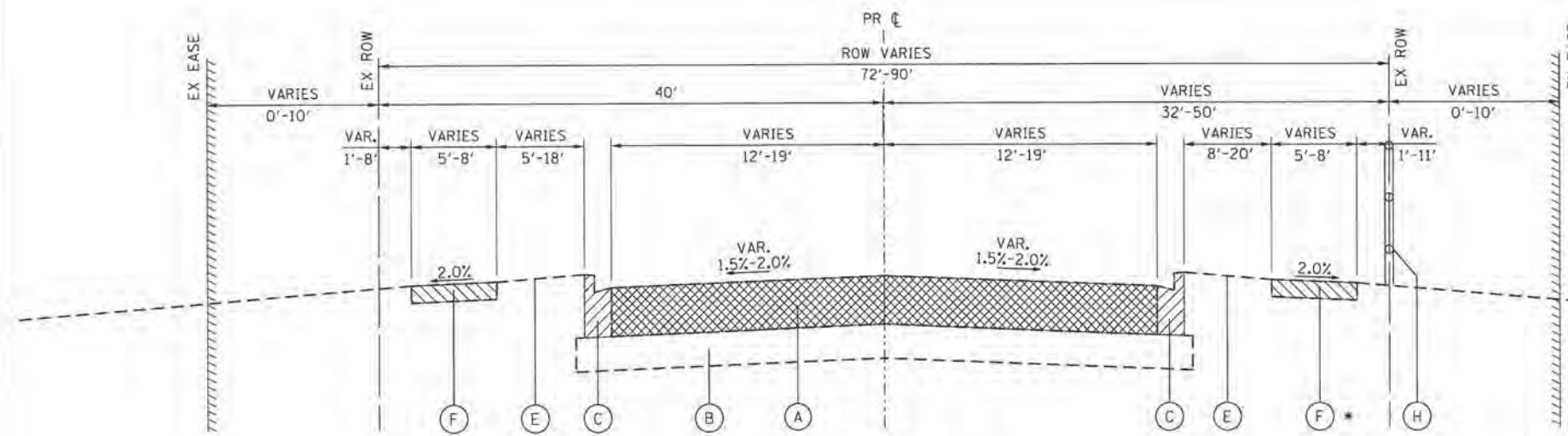
83RD STREET STA. 44+05 TO STA. 47+90



EXISTING TYPICAL SECTION

** SEE DETAIL "A"

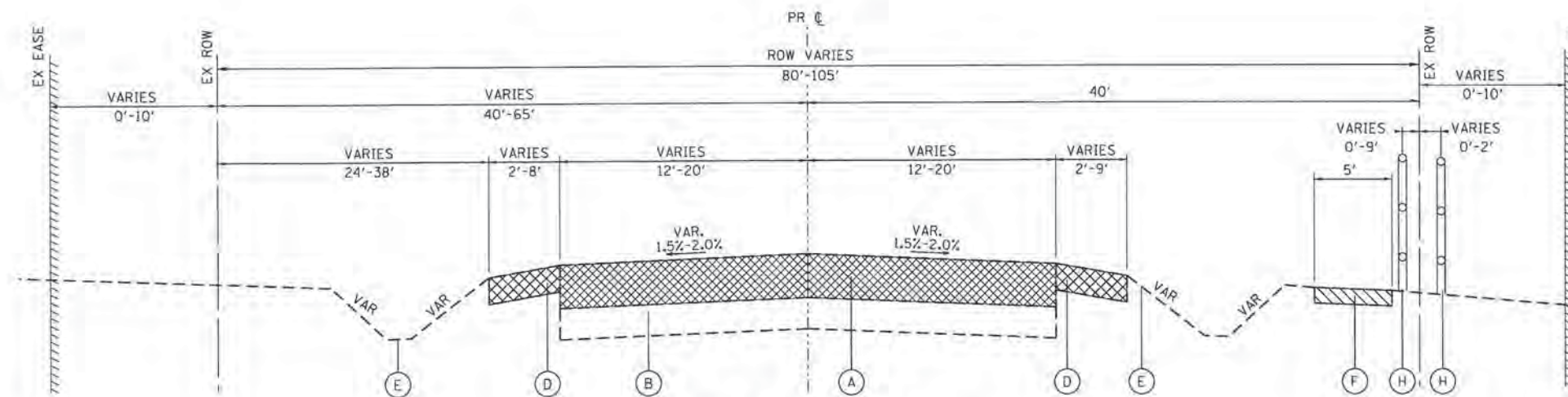
83RD STREET STA. 44+05 TO STA. 47+90
83RD STREET STA. 55+04 TO STA. 59+95



EXISTING TYPICAL SECTION

83RD STREET STA. 49+85 TO STA. 53+70
87TH STREET STA. 29+12 TO STA. 34+21

* NO SIDEWALK TO BE REMOVED
87TH STREET; STA. 29+12 TO STA. 32+14



EXISTING TYPICAL SECTION

83RD STREET STA. 53+70 TO STA. 55+04

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 10/30/2015 9:56:41 AM
 FILE NAME: 06130304-ahs-typical-03.dgn
 PLOT DATE: 10/30/2015
 PLOT SCALE: NTS

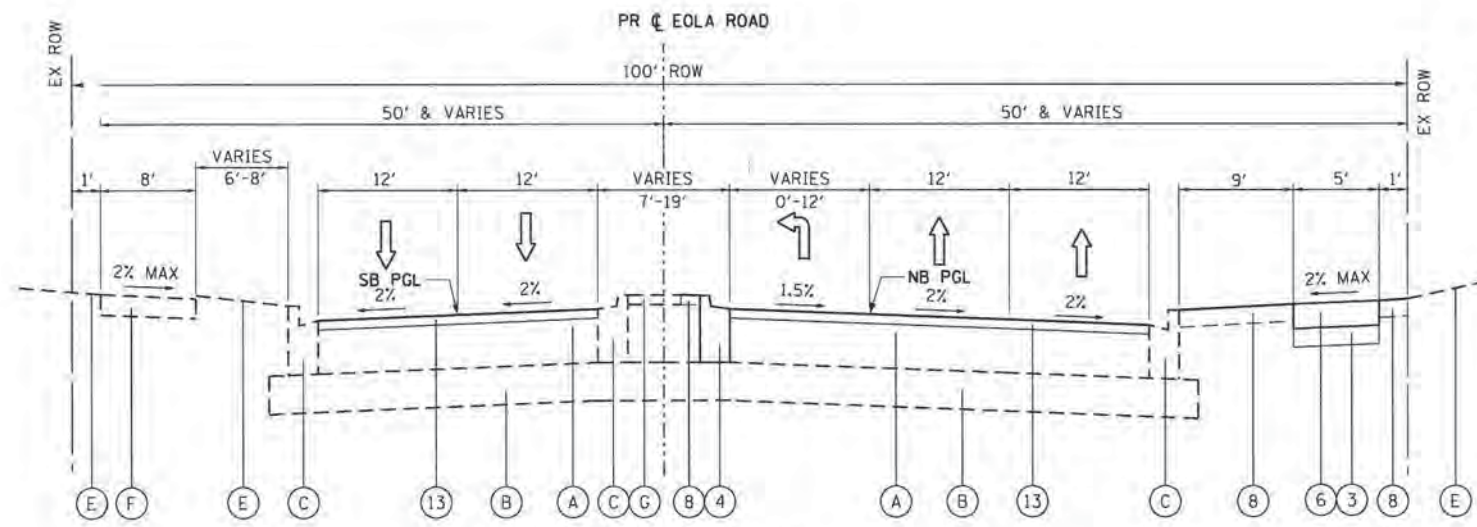


USER NAME = dstancaz	DESIGNED - JS	REVISED -
FILE NAME = 06130304-ahs-typical-03.dgn	DRAWN - HH	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS	
87TH ST/83RD ST	
SCALE: NTS	SHEET NO. 3 OF 11 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C06	



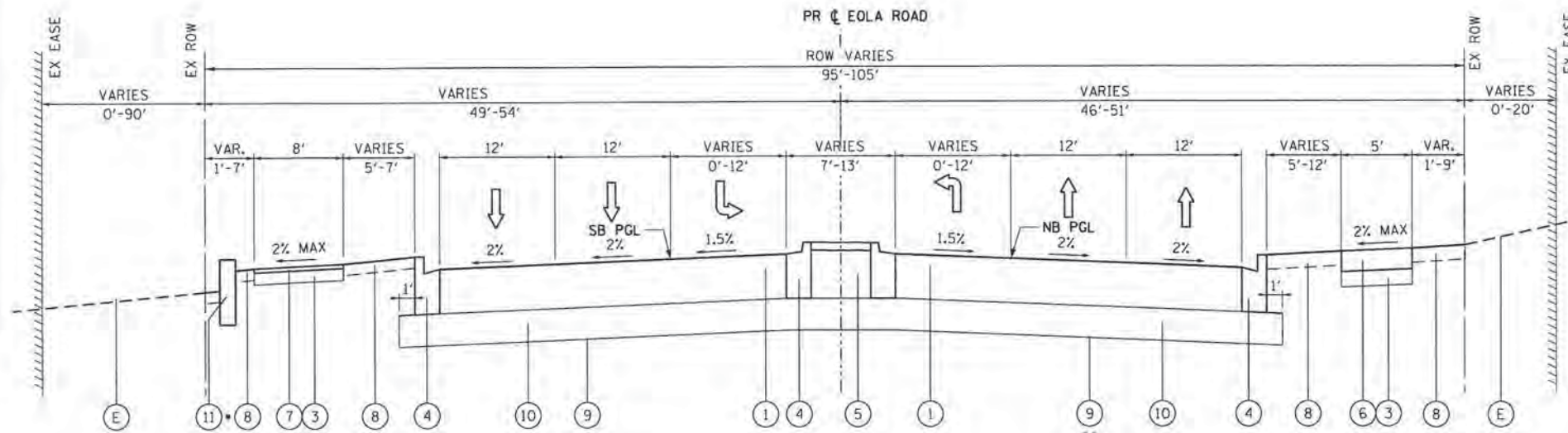
PROPOSED TYPICAL SECTION
EOLA ROAD
STA. 104+95 TO STA. 107+00

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; 11" TO 13 1/2"
 - (B) AGGREGATE BASE COURSE, 12" TO 14"
 - (C) COMBINATION CONCRETE CURB AND GUTTER
 - (D) AGGREGATE SHOULDERS TO BE REMOVED
 - (E) EXISTING GROUND
 - (F) EXISTING PCC SIDEWALK; ±6"
 - (G) EXISTING LANDSCAPED MEDIAN
 - (H) EXISTING FENCE TO BE REMOVED (CONTRACTOR'S RESPONSIBILITY TO DETERMINE SIZE & TYPE)
 - (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
- INDICATES PAVEMENT REMOVAL
- INDICATES REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
- (3) SUBBASE GRANULAR MATERIAL, TYPE B 6" (CA-6 CRUSHED STONE OR CRUSHED GRAVEL)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 WITH 2-#4 BARS CONTINUOUS (MINIMUM FLAG THICKNESS OF 10 1/2 INCHES)
- (5) CONCRETE MEDIAN (SPECIAL) (SEE CONSTRUCTION DETAIL)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- (7) HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"
- (8) SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6"
- (9) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (10) AGGREGATE SUBGRADE IMPROVEMENT, 12" (SQ YD)
- (11) RETAINING WALL
- (12) POLYETHYLENE NOISE REDUCTION FENCE
- (13) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5 mm); 2"
- (14) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90; 3"
- (15) HMA BASE COURSE WIDENING (HMA BINDER IL-19mm); 6"
- (16) HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"
- (17) HMA BINDER COURSE, IL-19.0, N70; 2 1/2"
- (18) STRIP REFLECTIVE CRACK CONTROL



PROPOSED TYPICAL SECTION
EOLA ROAD
STA. 107+00 TO STA. 115+29

- RETAINING WALL STA. 110+75 TO STA. 112+20
STA. 113+75 TO STA. 115+29
- STA. 114+50 TO STA. 117+00

NOTE:
SEE GEOTECHNICAL REPORT AND CROSS SECTIONS FOR RECOMMENDED UNDERCUT LOCATIONS.

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen
DATE PLOTTED: 10/30/2015 10:58:43 AM
FILE NAME: 86138384-sht-typical-04.dgn
PLOT DRIVER: IL.dwf, bw, plotter
PEN TABLE: plot.tbl



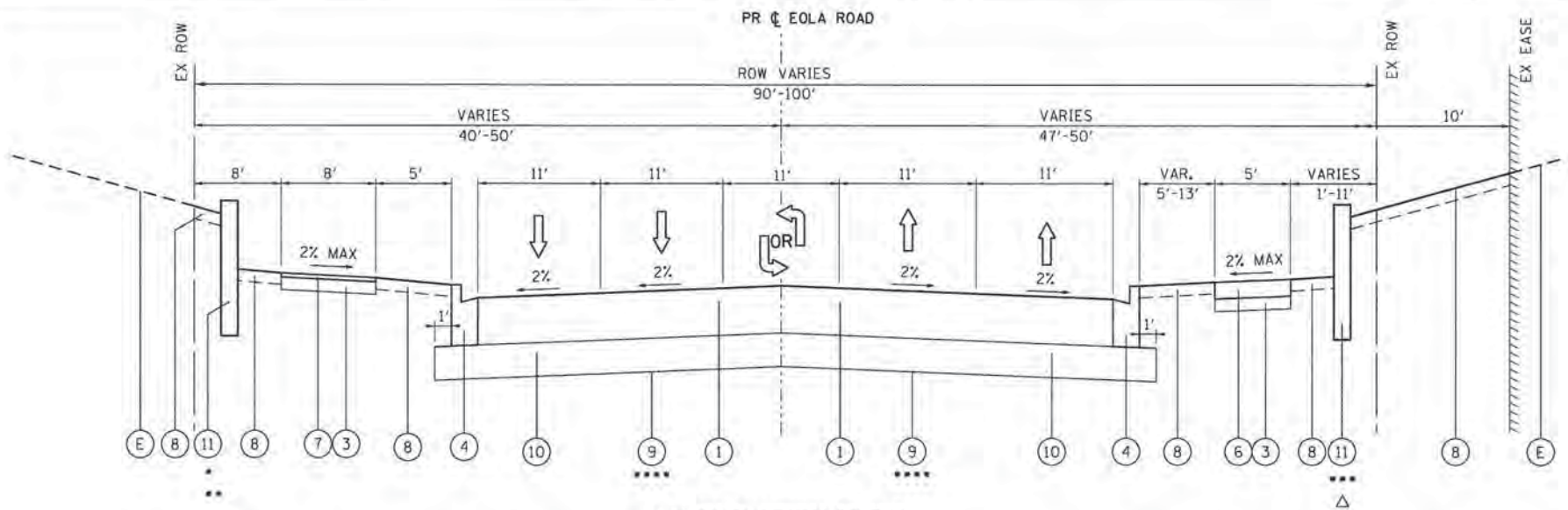
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PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
EOLA ROAD

SCALE: NTS SHEET NO. 4 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	15
CONTRACT NO.				61C06
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

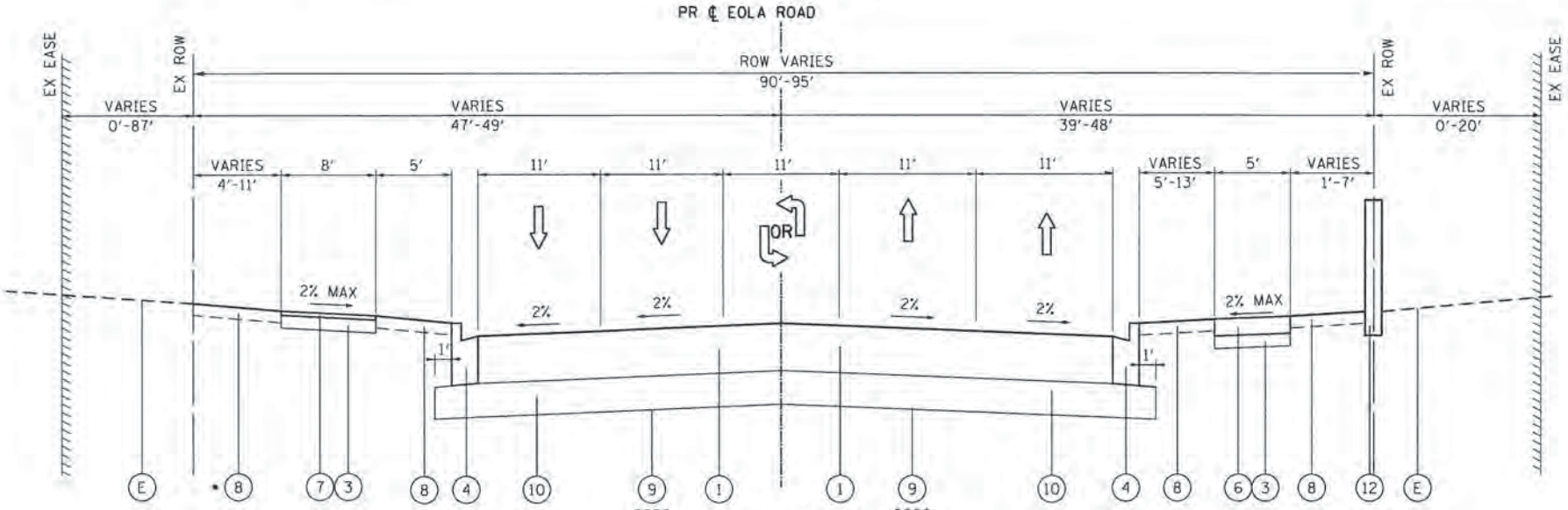
EOLA ROAD

STA. 115+29 TO STA. 116+22
STA. 121+58 TO STA. 126+20

- SEE DETAIL "A"
- SEE DETAIL "B"
- STA. 114+50 TO STA. 117+00

••• SEE DETAIL "C"

Δ RETAINING WALL BEGINS AT STA. 121+29



PROPOSED TYPICAL SECTION

EOLA ROAD

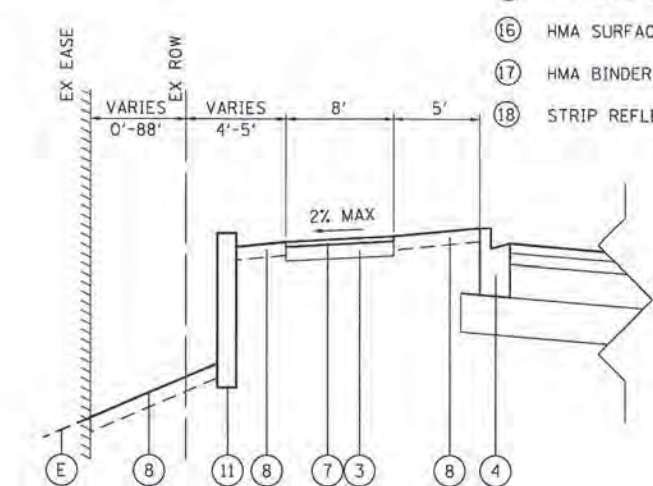
STA. 116+22 TO STA. 121+58

- SEE DETAIL "A"
- STA. 114+50 TO STA. 117+00

Δ POLYETHYLENE NOISE REDUCTION FENCE ENDS AT STA. 120+48

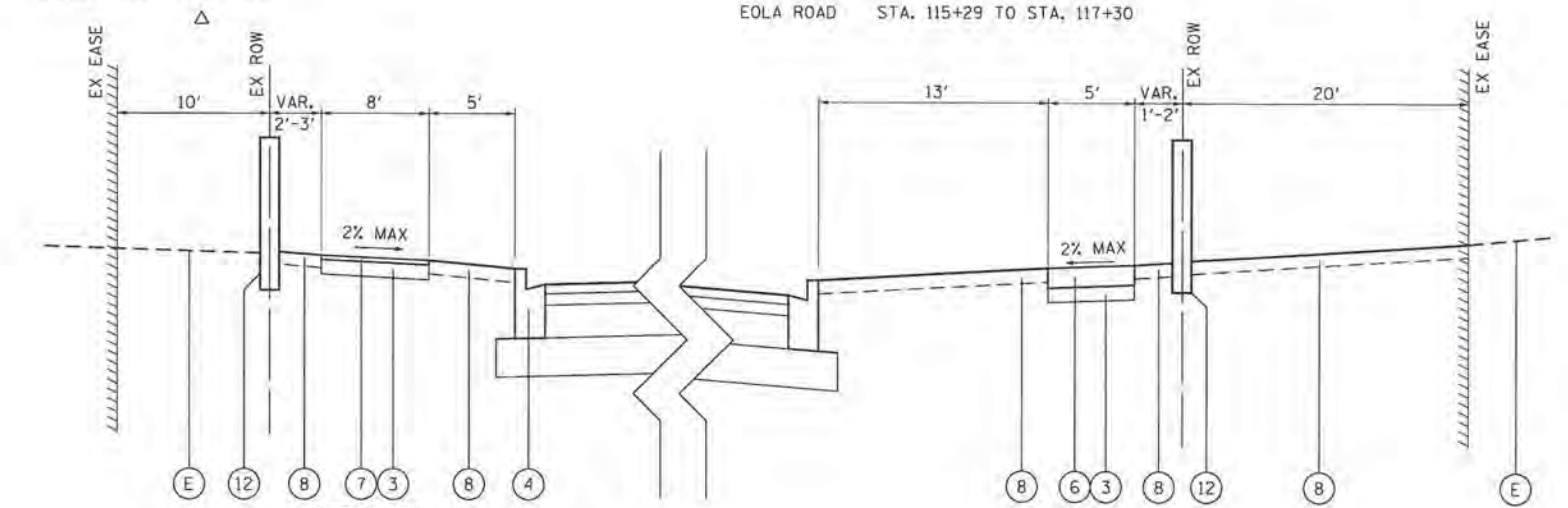
- EXISTING LEGEND**
- (A) HOT-MIX ASPHALT PAVEMENT; 11" TO 13 1/2"
 - (B) AGGREGATE BASE COURSE, 12" TO 14"
 - (C) COMBINATION CONCRETE CURB AND GUTTER
 - (D) AGGREGATE SHOULDERS TO BE REMOVED
 - (E) EXISTING GROUND
 - (F) EXISTING PCC SIDEWALK; ±6"
 - (G) EXISTING LANDSCAPED MEDIAN
 - (H) EXISTING FENCE TO BE REMOVED (CONTRACTOR'S RESPONSIBILITY TO DETERMINE SIZE & TYPE)
 - (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
- INDICATES PAVEMENT REMOVAL
- INDICATES REMOVAL ITEM

- PROPOSED LEGEND**
- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"
 - (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
 - (3) SUBBASE GRANULAR MATERIAL, TYPE B 6" (CA-6 CRUSHED STONE OR CRUSHED GRAVEL)
 - (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 WITH 2-#4 BARS CONTINUOUS (MINIMUM FLAG THICKNESS OF 10 1/2 INCHES)
 - (5) CONCRETE MEDIAN (SPECIAL) (SEE CONSTRUCTION DETAIL)
 - (6) PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
 - (7) HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"
 - (8) SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6"
 - (9) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - (10) AGGREGATE SUBGRADE IMPROVEMENT, 12" (SO YD)
 - (11) RETAINING WALL
 - (12) POLYETHYLENE NOISE REDUCTION FENCE
 - (13) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5 mm); 2"
 - (14) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90; 3"
 - (15) HMA BASE COURSE WIDENING (HMA BINDER IL-19mm); 6"
 - (16) HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"
 - (17) HMA BINDER COURSE, IL-19.0, N70; 2 1/2"
 - (18) STRIP REFLECTIVE CRACK CONTROL



DETAIL "A"

EOLA ROAD STA. 115+29 TO STA. 117+30



DETAIL "B"

EOLA ROAD STA. 124+64 TO STA. 126+20

DETAIL "C"

EOLA ROAD STA. 116+14 TO STA. 116+22

NOTE:
SEE GEOTECHNICAL REPORT AND CROSS SECTIONS FOR RECOMMENDED UNDERCUT LOCATIONS.

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen
CLIENT: HRGreen
DATE PLOTTED: 10/30/2015 10:56:44 AM
FILE NAME: 86138384-sh1-typical-05.dgn
PLOT DRIVER: lt.pdf.plt
PEN TABLE: pen.tbl



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FILE NAME = 86138384-sh1-typical-05.dgn	DRAWN = HH	REVISED =
PLOT SCALE = NTS	CHECKED =	REVISED =
PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
EOLA ROAD**

SCALE: NTS SHEET NO. 5 OF 11 SHEETS STA. TO STA.

F.A.U. R.T.E. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 16
CONTRACT NO. 61C06			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

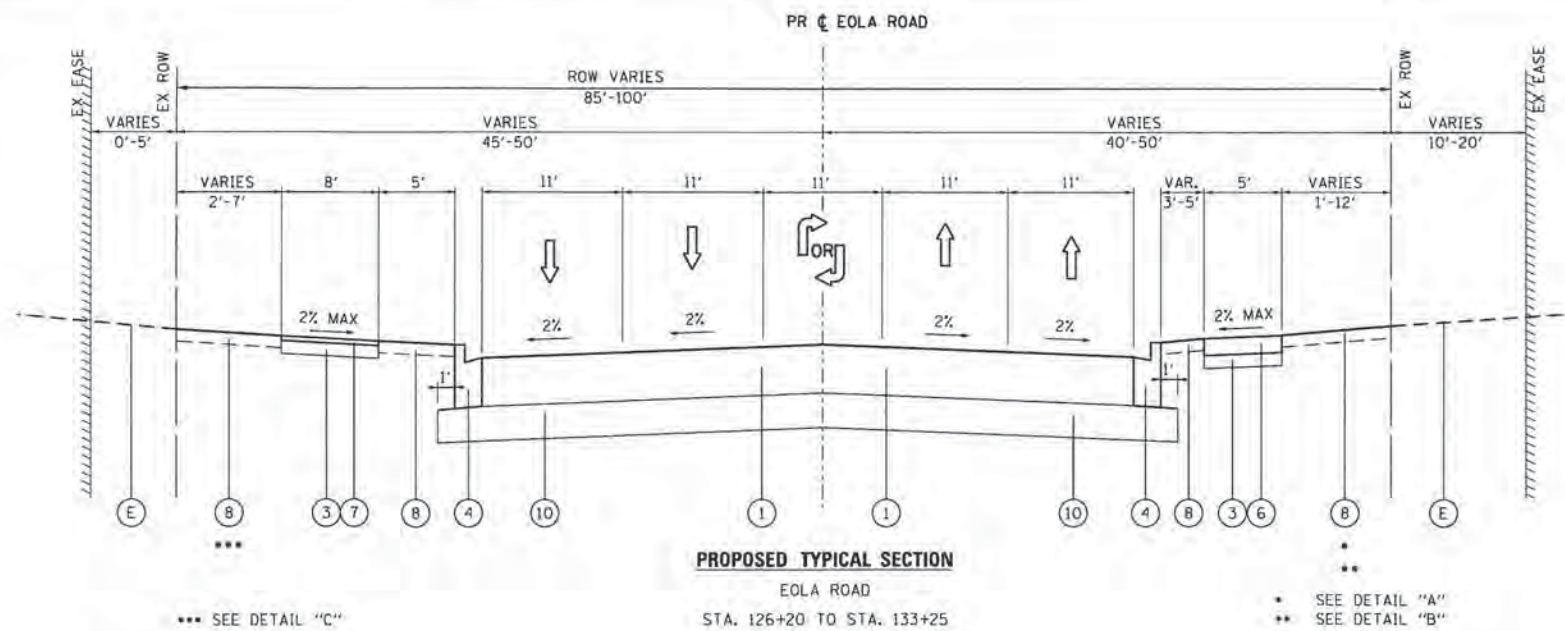
EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; 11" TO 13 1/2"
 - (B) AGGREGATE BASE COURSE, 12" TO 14"
 - (C) COMBINATION CONCRETE CURB AND GUTTER
 - (D) AGGREGATE SHOULDERS TO BE REMOVED
 - (E) EXISTING GROUND
 - (F) EXISTING PCC SIDEWALK; ±6"
 - (G) EXISTING LANDSCAPED MEDIAN
 - (H) EXISTING FENCE TO BE REMOVED (CONTRACTOR'S RESPONSIBILITY TO DETERMINE SIZE & TYPE)
 - (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
- INDICATES PAVEMENT REMOVAL
- INDICATES REMOVAL ITEM

PROPOSED LEGEND

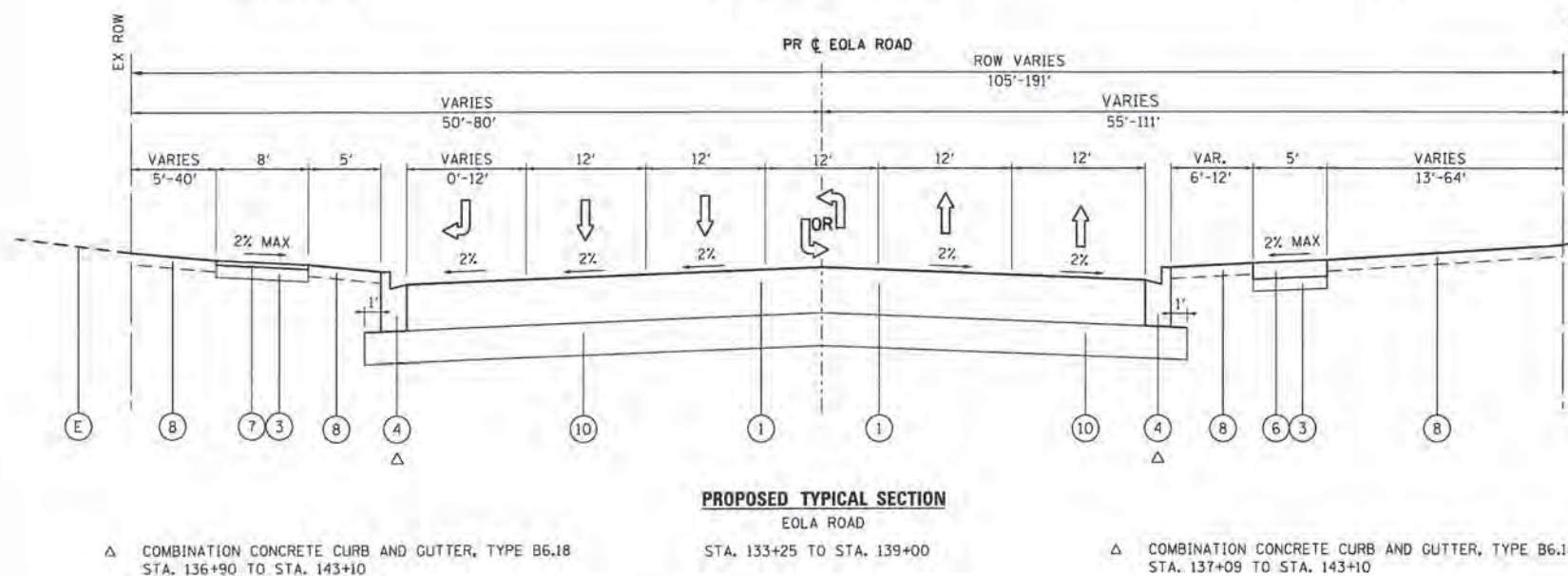
- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
- (3) SUBBASE GRANULAR MATERIAL, TYPE B 6" (CA-6 CRUSHED STONE OR CRUSHED GRAVEL)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 WITH 2-#4 BARS CONTINUOUS (MINIMUM FLAG THICKNESS OF 10 1/2 INCHES)
- (5) CONCRETE MEDIAN (SPECIAL) (SEE CONSTRUCTION DETAIL)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- (7) HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"
- (8) SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6"
- (9) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (10) AGGREGATE SUBGRADE IMPROVEMENT, 12" (50 YD)
- (11) RETAINING WALL
- (12) POLYETHYLENE NOISE REDUCTION FENCE
- (13) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5 mm); 2"
- (14) POLYMERIZED HMA BINDER COURSE, 1L-19.0, N90; 3"
- (15) HMA BASE COURSE WIDENING (HMA BINDER 1L-19mm); 6"
- (16) HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"
- (17) HMA BINDER COURSE, 1L-19.0, N70; 2 1/2"
- (18) STRIP REFLECTIVE CRACK CONTROL

NOTE:
SEE GEOTECHNICAL REPORT AND CROSS SECTIONS FOR RECOMMENDED UNDERCUT LOCATIONS.



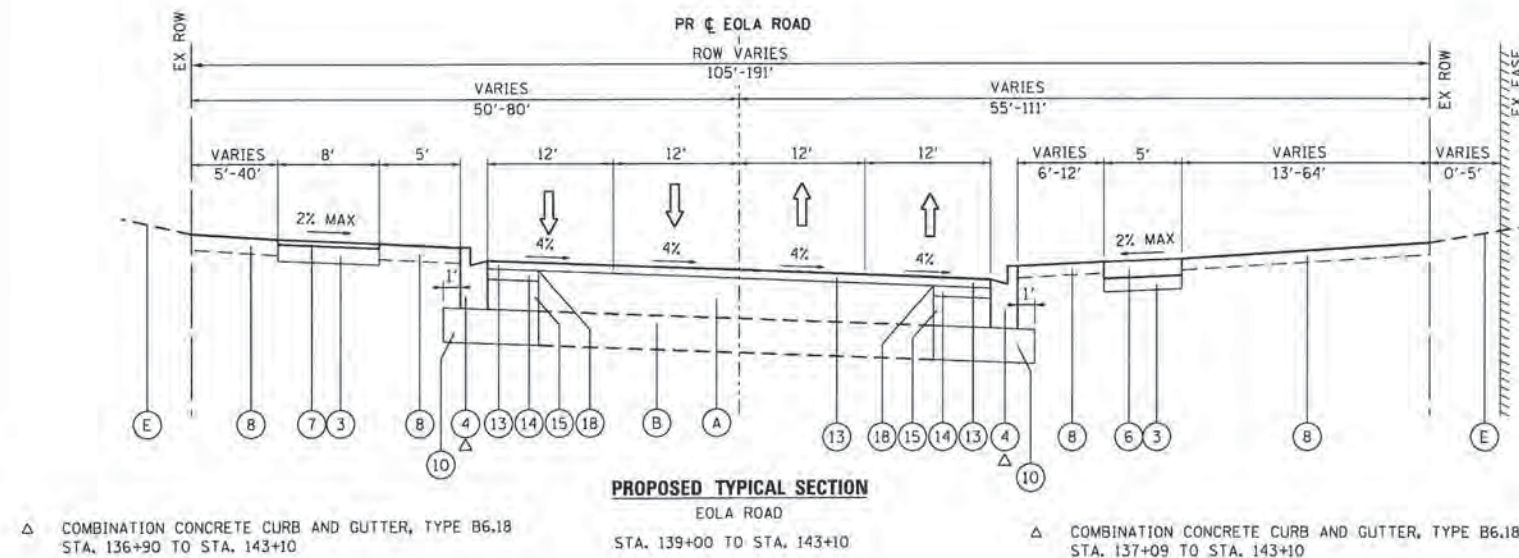
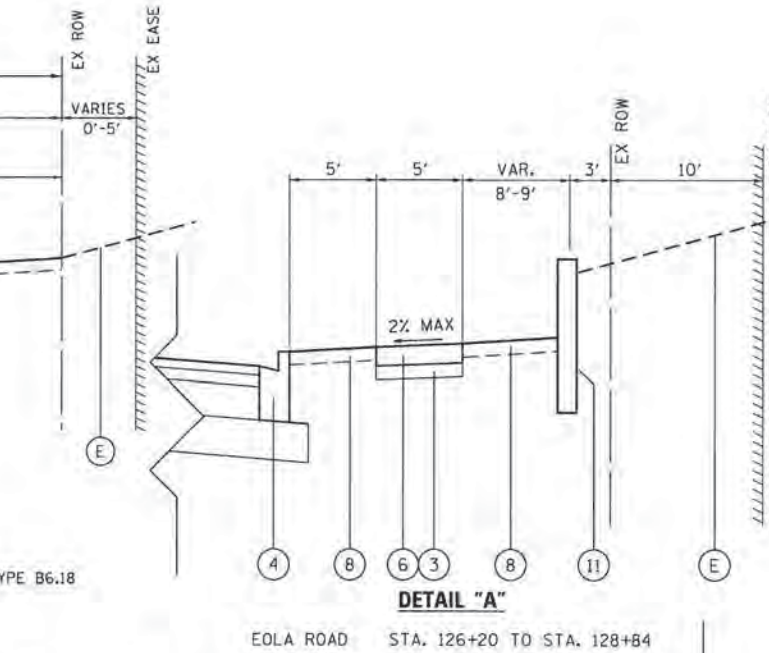
*** SEE DETAIL "C"

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



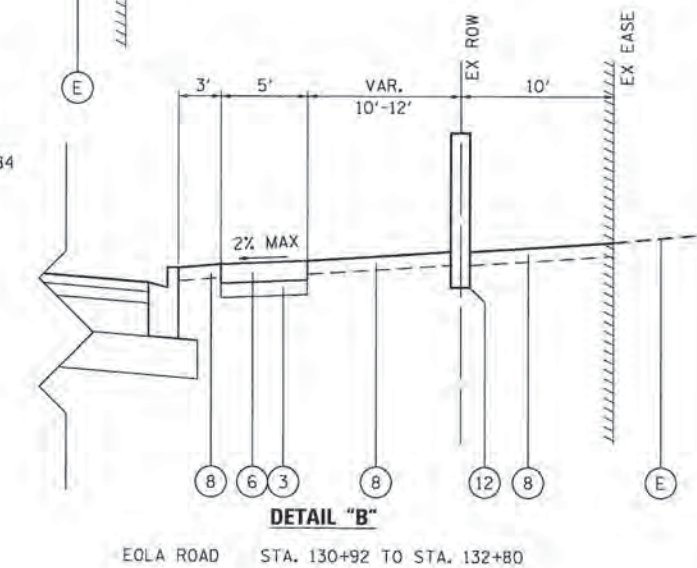
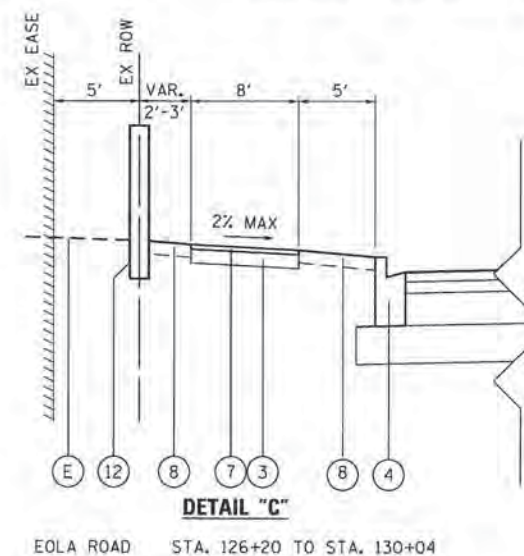
Δ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18
STA. 136+90 TO STA. 143+10

Δ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18
STA. 137+09 TO STA. 143+10



Δ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18
STA. 136+90 TO STA. 143+10

Δ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18
STA. 137+09 TO STA. 143+10



COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen
CLIENT: HRGreen
DATE PLOTTED: 10/30/2015 9:38:38 AM
FILE NAME: 10-00292-00-00-00.dgn
PLOT DRIVER: l:\pdr\lisp\lisp.plt
PEN TABLE: pen.tbl

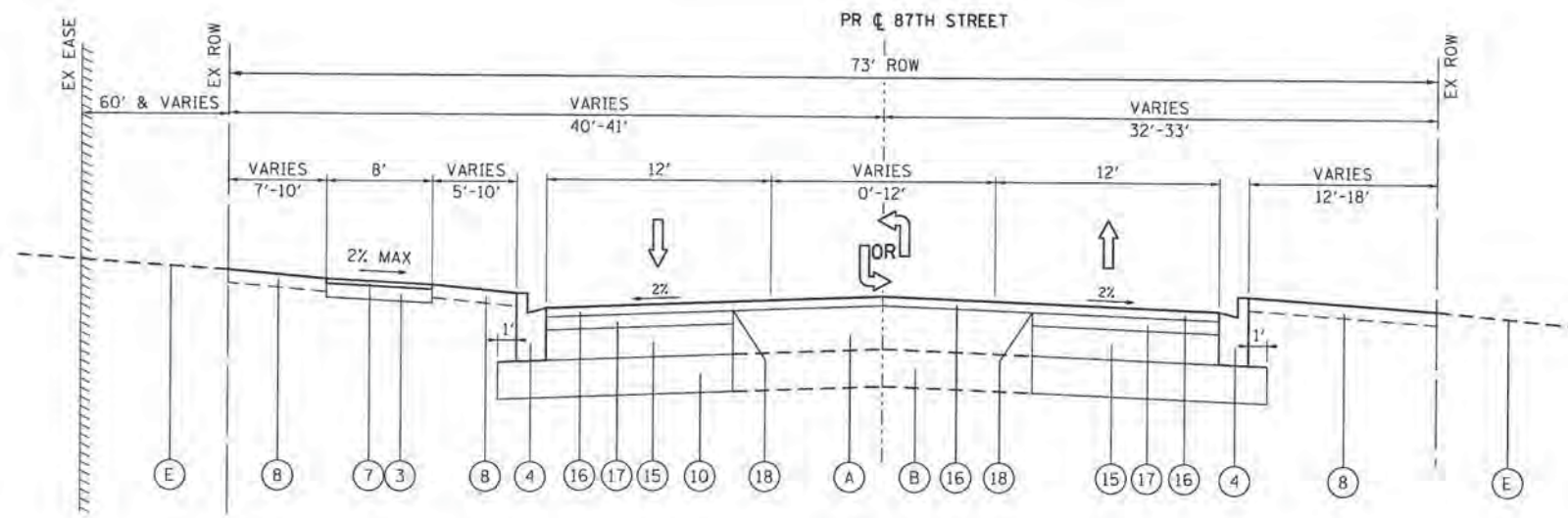


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PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

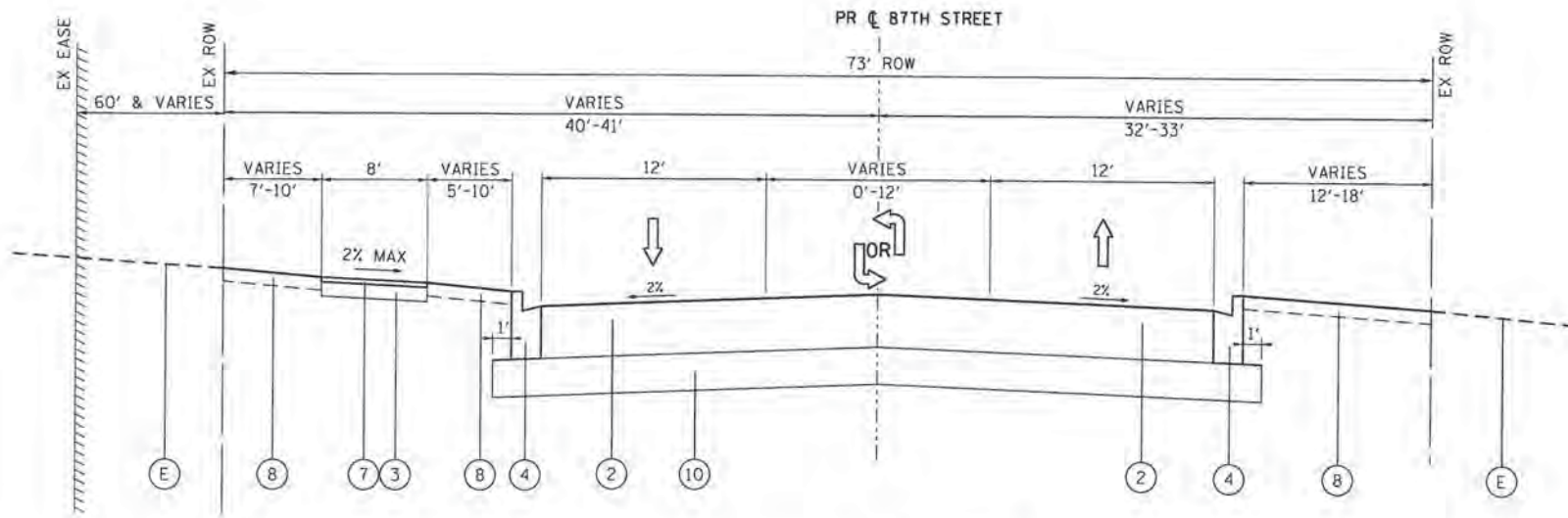
PROPOSED TYPICAL SECTIONS EOLA ROAD	
SCALE: NTS	SHEET NO. 6 OF 11 SHEETS
STA. TO STA.	

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 17
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT				



PROPOSED TYPICAL SECTION

87TH STREET (KEATING DRIVE)
STA. 25+40 TO STA. 29+12



PROPOSED TYPICAL SECTION

87TH STREET (KEATING DRIVE)
STA. 29+12 TO STA. 30+05

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; 11" TO 13 1/2"
- (B) AGGREGATE BASE COURSE, 12" TO 14"
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) AGGREGATE SHOULDERS TO BE REMOVED
- (E) EXISTING GROUND
- (F) EXISTING PCC SIDEWALK; ±6"
- (G) EXISTING LANDSCAPED MEDIAN
- (H) EXISTING FENCE TO BE REMOVED (CONTRACTOR'S RESPONSIBILITY TO DETERMINE SIZE & TYPE)
- (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH

INDICATES PAVEMENT REMOVAL

INDICATES REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
- (3) SUBBASE GRANULAR MATERIAL, TYPE B 6" (CA-6 CRUSHED STONE OR CRUSHED GRAVEL)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 WITH 2-#4 BARS CONTINUOUS (MINIMUM FLAG THICKNESS OF 10 1/2 INCHES)
- (5) CONCRETE MEDIAN (SPECIAL) (SEE CONSTRUCTION DETAIL)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- (7) HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"
- (8) SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6"
- (9) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (10) AGGREGATE SUBGRADE IMPROVEMENT, 12" (50 YD)
- (11) RETAINING WALL
- (12) POLYETHYLENE NOISE REDUCTION FENCE
- (13) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5 mm); 2"
- (14) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90; 3"
- (15) HMA BASE COURSE WIDENING (HMA BINDER IL-19mm); 6"
- (16) HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"
- (17) HMA BINDER COURSE, IL-19.0, N70; 2 1/2"
- (18) STRIP REFLECTIVE CRACK CONTROL

NOTE:
SEE GEOTECHNICAL REPORT AND CROSS SECTIONS FOR RECOMMENDED UNDERCUT LOCATIONS.

COMPANY NAME: HRGreen.com
PROJECT CONTACT: #PROJECT_CONTACT#
CLIENT: #CLIENT#
DATE PLOTTED: 10/30/2015 9:55:18 AM
PLOT NUMBER: 66130384-ent-typical-87.dgn
PEN TABLE: C:\ppl\hrd\p1r1g\pen.tbl



USER NAME = distancz	DESIGNED - JS	REVISED -
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PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
87TH STREET (KEATING DRIVE)**

SCALE: NTS SHEET NO. 7 OF 11 SHEETS STA. TO STA.

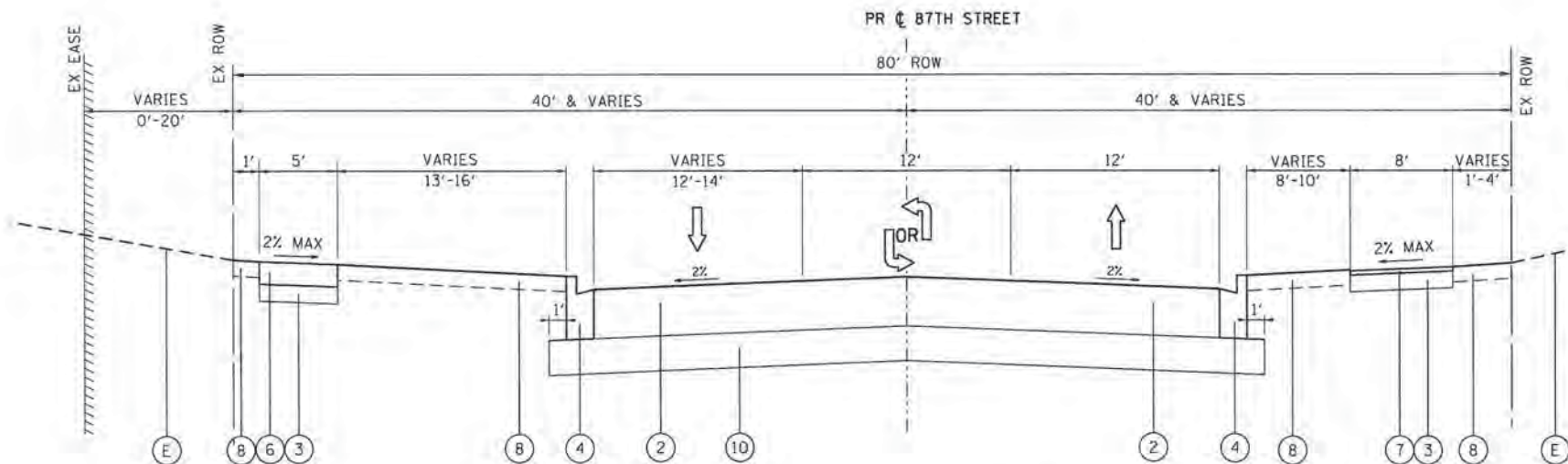
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C06	

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; 11" TO 13 1/2"
 - (B) AGGREGATE BASE COURSE, 12" TO 14"
 - (C) COMBINATION CONCRETE CURB AND GUTTER
 - (D) AGGREGATE SHOULDERS TO BE REMOVED
 - (E) EXISTING GROUND
 - (F) EXISTING PCC SIDEWALK; ±6"
 - (G) EXISTING LANDSCAPED MEDIAN
 - (H) EXISTING FENCE TO BE REMOVED (CONTRACTOR'S RESPONSIBILITY TO DETERMINE SIZE & TYPE)
 - (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
-  INDICATES PAVEMENT REMOVAL
 INDICATES REMOVAL ITEM

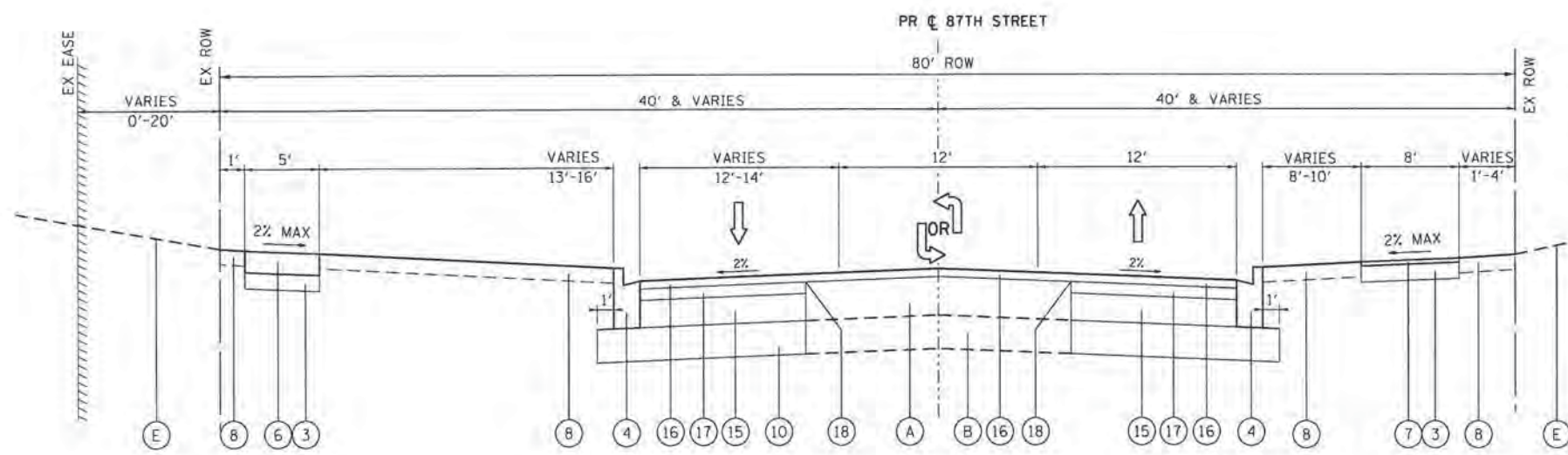
PROPOSED LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
- (3) SUBBASE GRANULAR MATERIAL, TYPE B 6" (CA-6 CRUSHED STONE OR CRUSHED GRAVEL)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 WITH 2-#4 BARS CONTINUOUS (MINIMUM FLAG THICKNESS OF 10 1/2 INCHES)
- (5) CONCRETE MEDIAN (SPECIAL) (SEE CONSTRUCTION DETAIL)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- (7) HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"
- (8) SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6"
- (9) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (10) AGGREGATE SUBGRADE IMPROVEMENT, 12" (SQ YD)
- (11) RETAINING WALL
- (12) POLYETHYLENE NOISE REDUCTION FENCE
- (13) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5 mm); 2"
- (14) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90; 3"
- (15) HMA BASE COURSE WIDENING (HMA BINDER IL-19mm); 6"
- (16) HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"
- (17) HMA BINDER COURSE, IL-19.0, N70; 2 1/2"
- (18) STRIP REFLECTIVE CRACK CONTROL



PROPOSED TYPICAL SECTION

87TH STREET (KEATING DRIVE)
STA. 32+95 TO STA. 34+21



PROPOSED TYPICAL SECTION

87TH STREET (KEATING DRIVE)
STA. 34+21 TO STA. 35+70

NOTE:
SEE GEOTECHNICAL REPORT AND CROSS SECTIONS FOR RECOMMENDED UNDERCUT LOCATIONS.

COMPANY NAME: HRGreen
 PROJECT CONTACT: #86130384-01 CONTACT#
 CLIENT: #10/30/2015 8:28:41 AM
 DATE PLOTTED: 10/30/2015 8:28:41 AM
 FILE NAME: 86130384-01-typical-08.dgn
 PLOT DRIVER: IL.plt, b-w, plotcfg
 PEN TABLE: plotbook.tbl





USER NAME = dstance	DESIGNED - JS	REVISED -
FILE NAME = 86130384-01-typical-08.dgn	DRAWN - HH	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS 87TH STREET (KEATING DRIVE)	
SCALE: NTS	SHEET NO. 8 OF 11 SHEETS
STA.	TO STA.

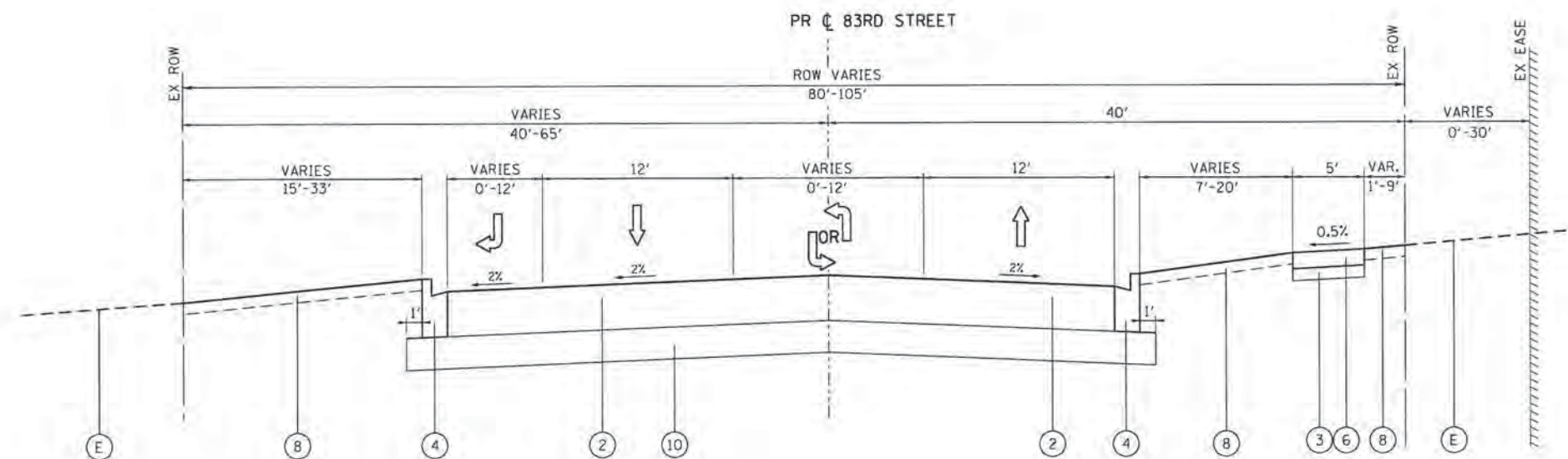
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	19
CONTRACT NO.			61C06	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

EXISTING LEGEND

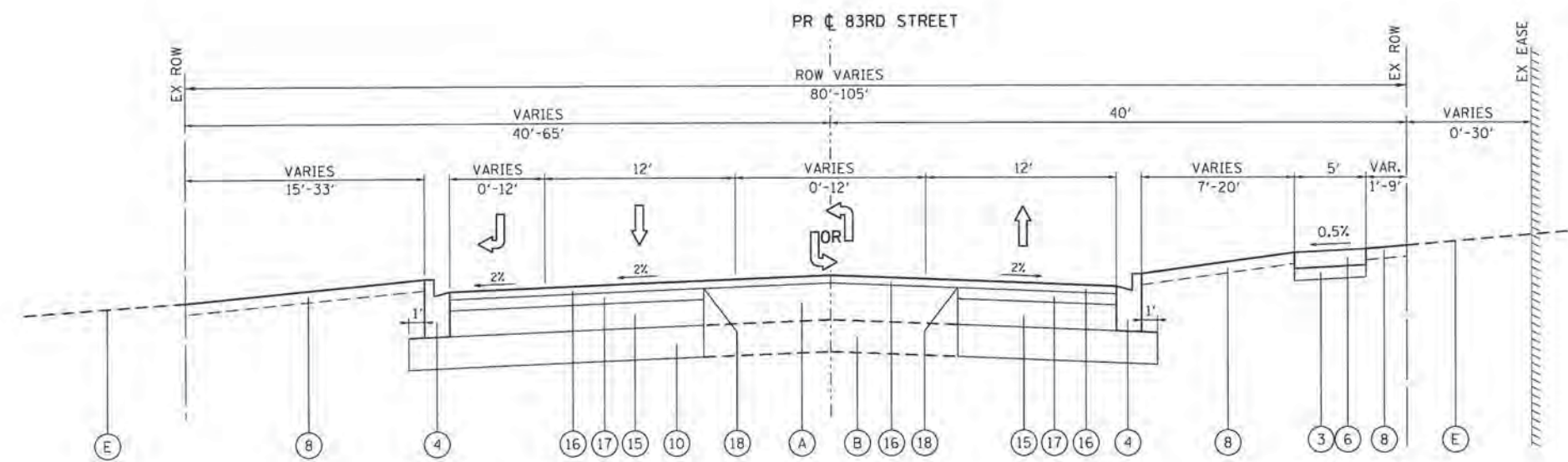
- (A) HOT-MIX ASPHALT PAVEMENT; 11" TO 13 1/2"
 - (B) AGGREGATE BASE COURSE, 12" TO 14"
 - (C) COMBINATION CONCRETE CURB AND GUTTER
 - (D) AGGREGATE SHOULDERS TO BE REMOVED
 - (E) EXISTING GROUND
 - (F) EXISTING PCC SIDEWALK; ±6"
 - (G) EXISTING LANDSCAPED MEDIAN
 - (H) EXISTING FENCE TO BE REMOVED (CONTRACTOR'S RESPONSIBILITY TO DETERMINE SIZE & TYPE)
 - (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
-  INDICATES PAVEMENT REMOVAL
 INDICATES REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
- (3) SUBBASE GRANULAR MATERIAL, TYPE B 6" (CA-6 CRUSHED STONE OR CRUSHED GRAVEL)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 WITH 2-#4 BARS CONTINUOUS (MINIMUM FLAG THICKNESS OF 10 1/2 INCHES)
- (5) CONCRETE MEDIAN (SPECIAL) (SEE CONSTRUCTION DETAIL)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- (7) HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"
- (8) SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6"
- (9) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (10) AGGREGATE SUBGRADE IMPROVEMENT, 12" (SO YD)
- (11) RETAINING WALL
- (12) POLYETHYLENE NOISE REDUCTION FENCE
- (13) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (IL 9.5 mm); 2"
- (14) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90; 3"
- (15) HMA BASE COURSE WIDENING (HMA BINDER IL-19mm); 6"
- (16) HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"
- (17) HMA BINDER COURSE, IL-19.0, N70; 2 1/2"
- (18) STRIP REFLECTIVE CRACK CONTROL



PROPOSED TYPICAL SECTION
83RD STREET (MONTGOMERY ROAD)
STA. 53+87 TO STA. 55+04



PROPOSED TYPICAL SECTION
83RD STREET (MONTGOMERY ROAD)
STA. 55+04 TO STA. 59+95

NOTE:
SEE GEOTECHNICAL REPORT AND CROSS SECTIONS
FOR RECOMMENDED UNDERCUT LOCATIONS.

COMPANY NAME: HRGreen
 PROJECT CONTACT: J. J. K...
 CLIENT: HRGreen
 DATE PLOTTED: 10/30/2015 9:58:43 AM
 FILE NAME: 86130384-ent-typical-18.dgn
 PLOT DRIVER: J...
 PEN TABLE:



USER NAME = dsancz	DESIGNED - JS	REVISED -
FILE NAME = 86130384-ent-typical-18.dgn	DRAWN - HH	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
83RD STREET (MONTGOMERY ROAD)**

SCALE: NTS SHEET NO. 10 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	21
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C06	

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @NDES
PAVEMENT RESURFACING: EOLA RD	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; (IL 9.5 mm); 2"	4% @ 70 GYR.
PAVEMENT RESURFACING: 87TH ST (KEATING DR), 83RD ST (MONTGOMERY RD)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; (IL 9.5 mm); 2"	4% @ 70 GYR.
PAVEMENT WIDENING: EOLA RD	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL 9.5 mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90; 3"	4% @ 90 GYR.
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL 19 mm); 6"	4% @ 70 GYR.
PAVEMENT WIDENING: 87TH ST (KEATING DR), 83RD ST (MONTGOMERY RD)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70; 2 1/2"	4% @ 70 GYR.
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL 19 mm); 6"	4% @ 70 GYR.
FULL DEPTH PAVEMENT 11": EOLA ROAD	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; (IL 9.5mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (IL 9.5mm); 3"	4% @ 90 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19 mm), 6"	4% @ 70 GYR.
FULL DEPTH PAVEMENT 9-1/2": 87TH ST (KEATING DR), 83RD ST (MONTGOMERY RD)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; (IL 9.5mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2-1/2"	4% @ 70 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19 mm); 5"	4% @ 70 GYR.
DRIVEWAYS AND MULTI-USE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; (IL 9.5 mm); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19 mm); PE-6" (DRIVEWAYS ONLY)	4% @ 50 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; (IL 9.5 mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER, N70 (IL 19 mm); 8"	4% @ 70 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL 19.0), 10"	4% @ 70 GYR.
TEMPORARY PATCHING	
TEMPORARY PATCHING (HMA BINDER IL 19.0), 6"	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL MILL BEFORE PATCHING.

IF THE CONTRACTOR CHOOSES TO USE CONCRETE FOR TEMPORARY PAVEMENT. THE THICKNESS SHALL OF PCC SHALL BE 8 INCHES (8").

PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

PAVEMENT DESIGN TABLE: EOLA ROAD

STRUCTURAL DESIGN TRAFFIC: YEAR: 2014
PV = 19,959 SU = 206 MU = 412

ROAD/STREET CLASSIFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 97.0% S = 1.0% M = 2.0%

TRAFFIC FACTOR: ACTUAL TF = 2.05 AC TYPE = 20
MINIMUM TF = NO MIN.

PG GRADE: BINDER = N/A SURFACE = N/A

SUBGRADE SUPPORT RATING: SSR = POOR (STA. BEG TO END)

PAVEMENT DESIGN TABLE: 87TH STREET (KEATING DRIVE)

STRUCTURAL DESIGN TRAFFIC: YEAR: 2014
PV = 5,561 SU = 57 MU = 115

ROAD/STREET CLASSIFICATION: CLASS II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 97.0% S = 1.0% M = 2.0%

TRAFFIC FACTOR: ACTUAL TF = 0.51 AC TYPE = 20
MINIMUM TF = NO MIN.

PG GRADE: BINDER = N/A SURFACE = N/A

SUBGRADE SUPPORT RATING: SSR = POOR (STA. BEG TO END)

PAVEMENT DESIGN TABLE: 83RD STREET (MONTGOMERY ROAD)

STRUCTURAL DESIGN TRAFFIC: YEAR: 2014
PV = 10,453 SU = 108 MU = 216

ROAD/STREET CLASSIFICATION: CLASS II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 97.0% S = 1.0% M = 2.0%

TRAFFIC FACTOR: ACTUAL TF = 0.97 AC TYPE = 20
MINIMUM TF = NO MIN.

PG GRADE: BINDER = N/A SURFACE = N/A

SUBGRADE SUPPORT RATING: SSR = POOR (STA. BEG TO END)

COMPANY NAME: HRGreen
PROJECT CONTACT: #PROJECT CONTACTS
CLIENT: #CLIENTS
DATE PLOTTED: 11/11/2015 10:42:23 AM
FILE NAME: 86130384-shr-typical-11.dgn
PLOT DRIVER: IL_dwr_bwhrctg
PEN TABLE: plottable.tbl



USER NAME = dstanoz	DESIGNED - JS	REVISED -
FILE NAME = 86130384-shr-typical-11.dgn	DRAWN - HH	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 11/11/2015	DATE - 11/11/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA MIXTURE REQUIREMENTS AND PAVEMENT DESIGN TABLES	
SCALE: NTS	SHEET NO. 11 OF 11 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	22
CONTRACT NO.				61C06
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES – EARTHWORK – EOLA ROAD

EOLA	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE		
	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	STAGE 1	STAGE 2
105+00.00													0.0	0.0	0.0
105+50.00	28.3	0.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.0	0.0	0.0
106+00.00	28.3	0.2	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-10.3	0.0	0.0
106+50.00	28.5	0.6	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9.9	0.0	0.0
107+00.00	28.9	0.6	10.0	0.0	0.0	0.0	0.0	0.0	2.9	4.2	0.5	0.0	-9.5	0.0	2.9
107+50.00	29.0	0.4	10.4	0.0	0.0	0.0	0.0	0.0	3.8	5.9	0.9	0.0	-10.1	0.0	3.8
108+00.00	30.7	8.2	13.5	0.0	0.0	0.0	0.0	0.0	4.4	3.3	2.2	0.0	-6.9	0.0	0.4
108+50.00	57.0	46.9	20.0	0.0	0.0	30.3	0.0	0.0	3.4	12.6	1.8	0.0	17.6	24.2	8.3
110+00.00	262.5	142.8	101.1	0.0	11.9	132.8	7.8	0.0	0.0	48.9	0.0	0.0	13.1	98.4	39.1
110+50.00	139.7	23.8	68.6	0.0	4.0	22.7	5.3	0.0	0.0	5.9	0.0	0.0	-49.6	12.9	4.7
111+00.00	145.4	24.9	80.4	0.0	0.0	16.8	5.5	0.0	0.0	0.8	0.0	0.0	-60.4	7.9	0.7
111+50.00	125.7	25.8	59.5	20.9	10.3	16.0	5.6	10.3	0.0	0.2	0.0	0.0	-38.9	7.3	0.1
112+00.00	146.3	40.4	44.4	40.8	20.4	16.4	6.0	20.4	0.0	0.0	0.0	0.0	-12.1	7.1	0.0
112+50.00	161.6	44.7	61.3	38.4	19.4	15.3	8.2	19.4	0.0	0.0	0.0	0.0	-25.5	4.0	0.0
113+00.00	162.4	33.2	78.1	35.7	18.0	13.8	13.0	18.0	0.0	0.0	0.0	0.0	-51.5	-1.9	0.0
113+50.00	199.4	26.1	108.3	33.1	17.1	15.6	14.4	17.1	0.0	0.0	0.0	0.0	-87.4	-2.0	0.0
114+00.00	247.7	29.3	166.3	31.3	17.4	18.9	11.5	17.4	0.0	0.0	0.0	0.0	-142.9	3.6	0.0
114+50.00	226.9	63.0	137.9	30.7	17.8	22.6	9.2	17.8	0.0	0.0	0.0	0.0	-87.5	8.9	0.0
115+00.00	195.3	78.5	94.1	30.7	17.8	25.7	8.0	17.8	0.0	0.0	0.0	0.0	-31.3	12.6	0.0
115+50.00	200.8	81.2	88.3	35.7	20.9	36.9	3.8	20.9	0.0	0.0	0.0	0.0	-23.4	25.7	0.0
116+00.00	197.6	119.1	68.1	43.1	24.1	51.3	0.0	24.1	0.0	0.0	0.0	0.0	27.2	41.0	0.0
116+50.00	191.1	136.9	66.5	38.1	24.1	59.2	0.0	24.1	0.0	0.0	0.0	0.0	43.0	47.3	0.0
117+00.00	203.7	148.0	89.0	30.7	24.1	61.5	0.0	24.1	0.0	0.0	0.0	0.0	29.4	49.2	0.0
117+50.00	228.6	260.4	242.5	30.7	24.1	57.1	0.0	24.1	0.0	0.0	0.0	0.0	-34.2	45.7	0.0
118+00.00	218.8	210.4	290.0	30.7	24.1	51.7	0.0	24.1	0.0	0.0	0.0	0.0	-121.7	41.3	0.0
118+50.00	180.0	42.3	194.0	30.7	24.1	46.9	0.0	24.1	0.0	0.0	0.0	0.0	-160.1	37.5	0.0
119+00.00	151.9	27.5	170.2	15.4	12.0	40.2	0.0	12.0	0.0	0.0	0.0	0.0	-148.2	32.1	0.0
119+50.00	136.9	35.7	130.8	0.0	0.1	30.6	0.0	0.0	0.0	0.0	0.0	0.0	-102.2	24.4	0.0
120+00.00	147.4	47.4	105.4	0.0	0.2	15.3	0.0	0.0	0.0	0.0	0.0	0.0	-67.4	12.2	0.0
120+50.00	167.1	56.1	61.8	0.0	0.1	2.8	9.8	0.0	0.0	0.0	0.0	0.0	-16.9	-7.6	0.0
121+00.00	94.7	71.7	33.9	0.0	0.0	0.0	30.7	0.0	0.0	0.0	0.0	0.0	23.4	-30.7	0.0
121+50.00	82.8	73.3	117.7	0.0	0.0	0.0	48.1	0.0	0.0	0.0	0.0	0.0	-59.0	-48.1	0.0
122+00.00	147.9	54.0	177.6	0.0	0.0	0.0	53.7	0.0	0.0	0.0	0.0	0.0	-134.4	-53.7	0.0
122+50.00	136.9	43.0	175.3	0.0	0.0	0.0	51.9	0.0	0.0	0.0	0.0	0.0	-140.9	-51.9	0.0
123+00.00	134.9	30.7	176.5	0.0	0.0	0.0	51.5	0.0	0.0	0.0	0.0	0.0	-151.9	-51.5	0.0
123+50.00	126.6	16.0	206.4	0.0	0.0	0.0	56.7	0.0	0.0	0.0	0.0	0.0	-193.6	-56.7	0.0
124+00.00	99.5	15.1	214.3	0.0	0.0	0.0	76.1	0.0	0.0	0.0	0.0	0.0	-202.2	-76.1	0.0
124+50.00	111.7	15.9	246.7	0.0	0.0	0.0	95.5	0.0	0.0	0.0	0.0	0.0	-233.9	-95.5	0.0
125+00.00	146.9	6.7	313.5	0.0	0.0	0.0	102.6	0.0	0.0	0.0	0.0	0.0	-308.2	-102.6	0.0
125+50.00	142.2	1.5	316.0	0.0	0.0	0.0	97.9	0.0	0.0	0.0	0.0	0.0	-314.8	-97.9	0.0
126+00.00	142.5	0.7	303.0	0.0	0.0	0.0	78.4	0.0	0.0	0.0	0.0	0.0	-302.4	-78.4	0.0
126+50.00	165.0	3.3	234.9	23.1	18.1	0.0	35.5	18.1	0.0	0.0	0.0	0.0	-232.2	-35.5	0.0
127+00.00	182.0	5.8	162.6	45.9	36.3	0.0	2.3	36.3	0.0	0.0	0.0	0.0	-157.9	-2.3	0.0
127+50.00	179.2	14.8	123.5	45.9	36.3	3.6	0.0	36.3	0.0	0.0	0.0	0.0	-111.7	2.9	0.0
128+00.00	171.4	24.7	104.8	46.1	36.1	10.7	0.0	36.1	0.0	0.0	0.0	0.0	-85.0	8.6	0.0
128+50.00	162.1	26.4	96.1	46.1	36.1	12.3	0.0	36.1	0.0	0.0	0.0	0.0	-75.0	9.9	0.0
129+00.00	158.2	21.5	79.8	46.1	36.1	8.7	0.0	36.1	0.0	0.0	0.0	0.0	-62.6	7.0	0.0
129+50.00	164.8	28.6	64.7	46.1	36.1	8.1	0.0	36.1	0.0	0.0	0.0	0.0	-41.8	6.4	0.0
130+00.00	165.5	39.7	58.2	23.1	18.1	12.4	0.0	18.1	0.0	0.0	0.0	0.0	-26.5	9.9	0.0
130+50.00	77.6	180.2	30.9	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0	0.0	113.2	14.3	0.0
131+00.00	81.3	188.4	43.9	0.0	1.9	22.7	0.0	0.0	0.0	0.0	0.0	0.0	106.9	18.1	0.0
131+50.00	157.2	53.6	90.6	0.0	3.6	26.7	0.0	0.0	0.0	0.0	0.0	0.0	-47.7	21.3	0.0
132+00.00	151.6	39.5	100.5	0.0	3.1	26.1	0.0	0.0	0.0	0.0	0.0	0.0	-68.8	20.9	0.0

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 10/30/2015 9:06:56 AM
 FILE NAME: 86130384-sht-sch-EV.dgn
 PLOT DRIVER: JL.pdf_wplotcfg
 PLOT TABLE: plot000.tbl

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

USER NAME = dstencz	DESIGNED = JS	REVISED =
FILE NAME = 86130384-sht-sch-EV.dgn	DRAWN = DMS	REVISED =
PLOT SCALE = NTS	CHECKED =	REVISED =
PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED =

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EARTHWORK SCHEDULE
 EOLA ROAD**

SCALE: NTS SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 23
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61C06	

SCHEDULE OF QUANTITIES – EARTHWORK – EOLA ROAD (CONT.)

EOLA	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE		
	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	STAGE 1	STAGE 2
132+50.00	171.4	24.4	85.7	30.9	29.6	25.9	0.0	28.2	0.0	0.0	0.0	0.0	-66.2	20.7	0.0
133+00.00	184.0	50.7	50.2	92.0	51.9	26.9	0.0	51.4	10.2	5.8	0.0	10.2	-9.6	21.6	4.7
133+50.00	176.9	81.6	34.6	123.1	46.9	24.3	0.0	46.3	19.4	11.0	0.0	19.4	30.6	19.4	8.8
134+00.00	173.5	62.6	32.1	90.8	46.3	17.6	0.0	46.3	18.5	7.9	0.0	18.5	17.9	14.1	6.3
134+50.00	171.3	41.6	39.4	55.9	46.3	6.5	0.0	46.3	18.5	2.7	0.0	18.5	-6.2	5.2	2.1
135+00.00	172.5	25.9	63.6	54.1	46.3	0.0	0.0	46.3	18.5	0.0	0.0	18.5	-42.9	0.0	0.0
135+50.00	207.2	23.5	65.4	70.6	46.3	0.0	0.0	46.3	18.5	0.0	0.0	18.5	-46.6	0.0	0.0
136+50.00	514.4	68.5	89.8	190.6	96.3	0.0	0.0	96.3	64.8	0.0	0.0	64.8	-35.0	0.0	0.0
137+00.00	214.8	16.9	76.7	88.7	50.0	0.0	0.0	50.0	32.4	0.0	0.0	32.4	-63.1	0.0	0.0
137+50.00	127.6	5.7	111.0	37.0	25.0	0.0	10.2	25.0	9.3	0.0	2.9	9.3	-106.4	-10.2	-2.9
138+50.00	175.7	92.6	123.5	0.0	0.0	41.9	20.4	0.0	0.0	14.8	5.7	0.0	-49.4	13.1	6.1
139+00.00	76.9	84.2	13.8	0.0	0.0	42.9	0.0	0.0	0.0	15.3	0.0	0.0	53.5	34.3	12.2
139+50.00	37.9	42.3	5.8	0.0	0.0	21.9	0.0	0.0	35.9	30.1	7.0	0.0	28.0	17.6	17.0
140+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.3	42.1	17.7	0.0	0.0	0.0	16.0
140+50.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.1	42.0	17.1	0.0	0.0	0.0	16.5
141+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.7	41.3	13.7	0.0	0.0	0.0	19.3
141+50.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.2	34.4	15.9	0.0	0.0	0.0	11.6
142+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	25.9	21.4	0.0	0.0	0.0	-0.6
142+50.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.5	20.5	23.6	0.0	0.0	0.0	-7.2
143+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	19.8	20.6	0.0	0.0	0.0	-4.8
TOTALS:	9854.4	3330.6	6853.4	1673.4	1078.5	1157.0	919.4	1051.1	695.5	395.6	151.1	210.2	-4188.9	6.2	165.3

TOTAL (CU YD)		
20200100	EARTH EXCAVATION	4883.2
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	11628.4
20400800	FURNISHED EXCAVATION	4188.9
30300001	AGGREGATE SUBGRADE IMPROVEMENT	2934.7

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 PROJECT CONTACT: HRGreen
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PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE
EOLA ROAD

SCALE: NTS SHEET NO. 2 OF 4 SHEETS STA. TO STA.


F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C06	

SCHEDULE OF QUANTITIES – EARTHWORK – 87TH STREET (KEATING DRIVE)

STATION	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE		
	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	STAGE 1	STAGE 2	STAGE 3
25+50.00													0.0	0.0	0.0
26+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	17.9	1.9	5.1	0.0	0.0	12.4
26+50.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.4	23.1	2.6	6.8	0.0	0.0	15.9
27+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.4	27.4	2.6	8.3	0.0	0.0	19.3
27+50.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.8	37.0	1.1	9.0	0.0	0.0	28.5
28+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	40.1	0.0	8.1	0.0	0.0	32.1
28+50.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.9	33.6	0.1	9.4	0.0	0.0	26.8
29+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.7	31.6	0.2	11.1	0.0	0.0	25.1
29+50.00	19.2	20.3	0.0	12.6	19.3	21.0	0.0	13.1	28.8	27.4	0.1	16.9	16.2	16.8	21.8
30+00.00	36.0	40.8	0.0	25.2	37.1	38.0	0.0	26.1	23.1	24.1	0.0	23.1	32.7	30.4	19.3
30+50.00	35.4	42.3	0.0	27.2	35.9	31.7	0.0	26.1	23.1	22.9	0.0	23.1	33.9	25.3	18.3
31+00.00	61.1	54.4	0.1	43.4	30.6	22.9	0.0	25.6	23.1	17.9	0.0	23.1	43.4	18.3	14.3
31+37.80	64.4	49.3	0.1	43.5	18.9	12.3	0.0	18.9	17.5	11.3	0.0	17.5	39.3	9.9	9.1
32+09.90	Counted on Eola														
32+50.00	44.9	82.4	1.2	22.9	11.1	24.1	0.0	11.1	8.2	18.3	0.0	8.2	64.8	19.2	14.6
33+00.00	49.2	93.8	0.7	22.2	14.0	30.7	0.0	13.9	10.2	22.5	0.0	10.2	74.3	24.6	18.0
33+50.00	35.7	66.6	0.0	14.9	19.5	28.5	0.8	14.0	10.2	20.7	0.0	10.2	53.3	22.0	16.6
34+00.00	29.1	45.6	0.2	13.8	25.3	25.1	1.4	14.1	10.2	18.5	0.0	10.2	36.3	18.7	14.8
34+50.00	26.8	39.6	2.6	6.9	18.4	27.3	0.7	7.0	5.1	17.6	0.0	5.1	29.1	21.1	14.1
35+00.00	25.5	38.3	2.6	0.0	5.6	15.0	0.2	0.0	0.0	8.7	0.0	0.0	28.1	11.8	7.0

TOTAL (CU YD)		
20200100	EARTH EXCAVATION	1299.6
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	1071.4

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 CLIENT: #CLIENT#
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	PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE
87TH STREET (KEATING DRIVE)

SCALE: NTS SHEET NO. 3 OF 4 SHEETS STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	25
CONTRACT NO.				61C06
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES – EARTHWORK – 83RD STREET (MONTGOMERY ROAD)

83RD	STAGE 1 (CU YD)			STAGE 2 (CU YD)			STAGE 3 (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE						
	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	STAGE 1	STAGE 2	STAGE 3
43+50.00														0.0	0.0	0.0
44+00.00	41.7	26.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	
44+50.00	39.4	37.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	0.0	0.0	
45+00.00	43.3	31.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	0.0	0.0	
45+50.00	56.0	29.3	11.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
46+00.00	60.7	28.9	11.7	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0	
46+50.00	60.6	26.6	12.5	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0	
47+00.00	59.4	28.6	12.8	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	0.0	0.0	
47+50.00	54.8	31.1	12.7	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	
48+00.00	53.3	33.0	7.1	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.0	0.0	
48+33.05	29.1	18.4	3.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0	
48+50.00	17.9	13.2	3.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	
49+00.00	65.3	55.9	6.9	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.8	0.0	0.0	
49+50.00	53.7	52.2	7.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.1	0.0	0.0	
49+97.34	34.0	50.8	5.1	0.0	0.0	18.8	0.0	0.0	0.0	6.8	0.0	0.0	35.5	15.0	5.4	
50+00.00	1.4	3.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.8	0.0	0.0	2.3	1.7	0.6	
50+50.00	24.4	54.3	0.9	0.0	22.1	27.3	0.0	13.9	0.0	13.9	0.0	0.0	42.5	21.9	11.1	
50+61.20	5.2	11.9	0.2	0.0	5.0	6.0	0.0	3.1	0.0	3.0	0.0	0.0	9.3	4.8	2.4	
51+00.00	17.6	41.6	0.6	0.0	5.2	24.9	0.3	0.0	0.0	10.4	0.0	0.0	32.7	19.6	8.3	
51+50.00	28.6	59.4	0.7	0.0	6.8	23.5	0.4	0.0	0.0	13.8	0.0	0.0	46.7	18.4	11.0	
52+00.00	42.3	78.5	3.2	0.0	0.0	21.7	0.0	0.0	0.0	16.6	0.0	0.0	59.6	17.3	13.3	
53+06.90	Counted on Eola															
53+50.00	141.1	104.6	23.3	66.9	22.3	30.0	0.0	22.3	16.0	23.8	0.0	16.0	60.3	24.0	19.0	
54+00.00	139.9	101.2	35.9	66.8	25.9	33.9	0.0	25.9	18.5	25.8	0.0	18.5	45.0	27.1	20.7	
54+16.43	34.4	27.4	15.9	18.1	8.5	10.6	0.0	8.5	6.1	7.7	0.0	6.1	6.0	8.4	6.2	
54+50.00	69.2	45.1	36.7	35.8	16.8	19.5	0.0	16.8	13.1	15.4	0.0	13.1	-0.6	15.6	12.3	
55+00.00	112.9	41.0	53.3	52.2	24.1	23.7	0.0	24.1	20.4	20.5	0.0	20.4	-20.5	19.0	16.4	
55+50.00	101.2	27.5	45.0	44.9	12.0	10.4	0.0	12.0	10.2	9.0	0.0	10.2	-23.0	8.3	7.2	
56+00.00	52.8	44.4	31.2	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	
56+10.92	3.4	12.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	
56+50.00	25.7	33.8	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	
57+00.00	49.7	39.8	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.5	0.0	0.0	
57+26.09	19.9	20.4	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	
57+50.00	16.2	15.8	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	
58+00.00	42.8	25.2	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.4	0.0	0.0	
58+50.00	43.3	22.1	35.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-17.5	0.0	0.0	
59+00.00	39.1	17.0	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-22.8	0.0	0.0	
59+46.18	28.0	17.6	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.1	0.0	0.0	
59+50.00	0.8	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	

TOTAL (CU YD)		
20200100	EARTH EXCAVATION	1727.0
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	1942.0
20400800	FURNISHED EXCAVATION	0.0

EARTHWORK SUMMARY

ITEM NO.	PAY ITEM	DESCRIPTION	CROSS SECTION BASED			
			EOLA ROAD (CU YD)	87TH STREET (CU YD)	83RD STREET (CU YD)	TOTAL (CU YD)
1	20200100	EARTH EXCAVATION	4,883.2	1,299.6	1,727.0	7,910
2	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	11,628.4	1,071.4	1,942.0	14,642
3	20400800	FURNISHED EXCAVATION	4,188.9	0.0	0.0	4,189
4	30300001	AGGREGATE SUBGRADE IMPROVEMENT	2,934.7	607.9	636.5	4,180

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
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PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EARTHWORK SCHEDULE 83RD STREET (MONTGOMERY ROAD)			
SCALE: NTS	SHEET NO. 4 OF 4 SHEETS	STA. TO STA.	

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 26
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROP. CURVE PR87-1
 $\Delta = 16^\circ 18' 03''$ (RT)
 $D = 9^\circ 28' 13''$
 $R = 605.00'$
 $T = 86.65'$
 $L = 172.12'$
 $E = 6.17'$
 $e = N/A$
P.C. STA. = 20+00.00
N: 1842345.70
E: 1004530.39
P.I. STA. = 20+86.65
N: 1842346.86
E: 1004617.03
P.T. STA. = 21+72.12
N: 1842323.67
E: 1004700.51

PROP. CURVE PR87-2
 $\Delta = 16^\circ 18' 03''$ (LT)
 $D = 9^\circ 28' 13''$
 $R = 605.00'$
 $T = 86.65'$
 $L = 172.12'$
 $E = 6.17'$
 $e = N/A$
P.C. STA. = 22+56.53
N: 1842301.07
E: 1004781.84
P.I. STA. = 23+43.18
N: 1842277.87
E: 1004865.32
P.T. STA. = 24+28.66
N: 1842279.04
E: 1004951.96

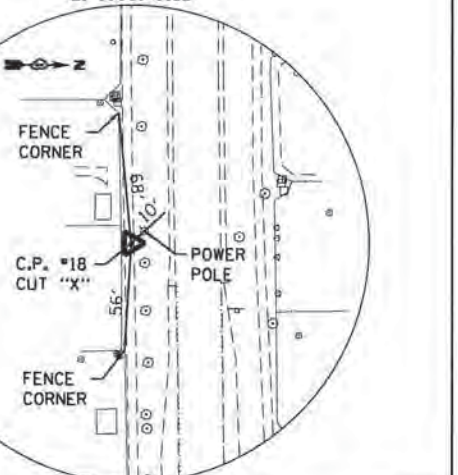
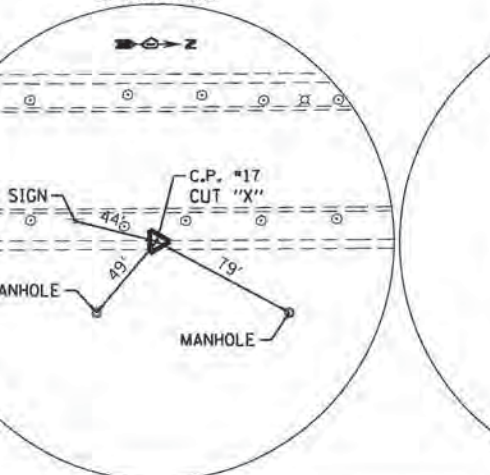
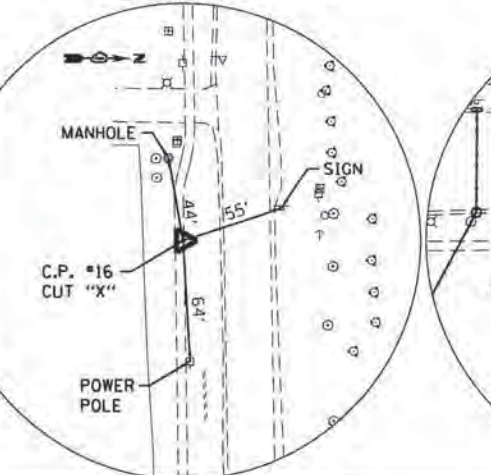
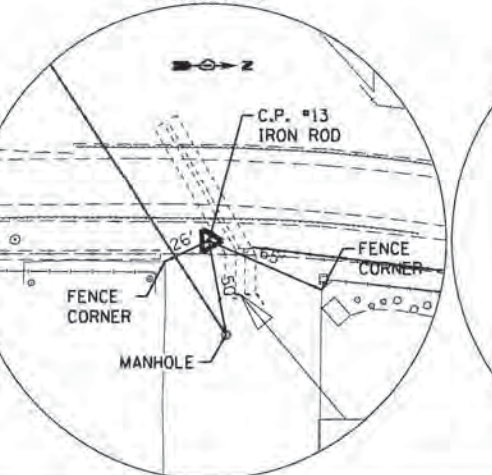
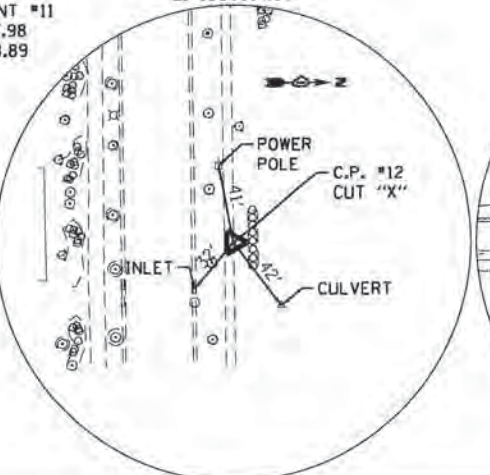
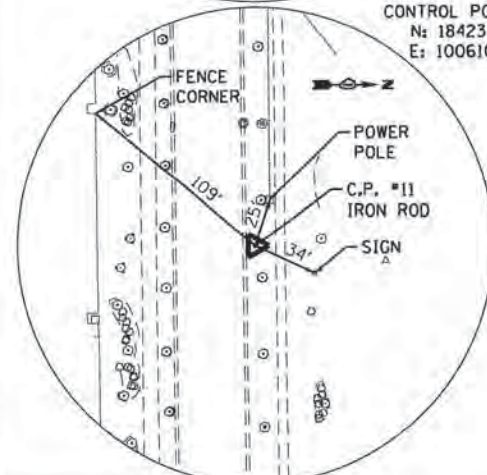
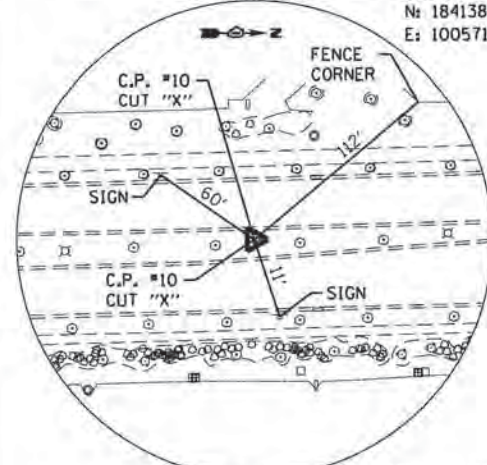
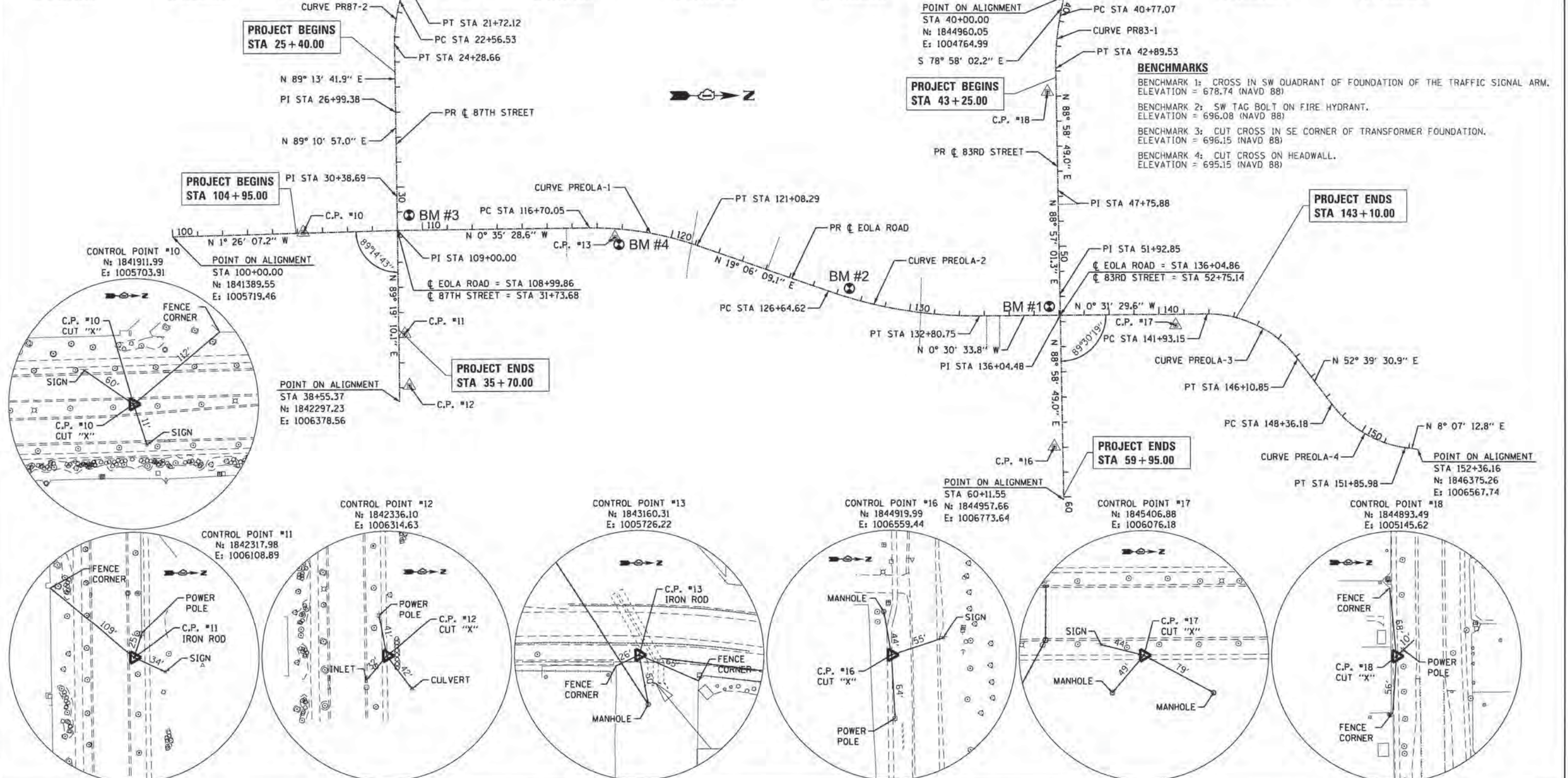
PROP. CURVE PREOLA-1
 $\Delta = 19^\circ 41' 38''$ (RT)
 $D = 4^\circ 29' 38''$
 $R = 1,275.00'$
 $T = 221.31'$
 $L = 438.24'$
 $E = 19.06'$
 $e = N/A$
P.C. STA. = 116+70.05
N: 1843059.28
E: 1005688.97
P.I. STA. = 118+91.35
N: 1843280.57
E: 1005686.68
P.T. STA. = 121+08.29
N: 1843489.69
E: 1005759.11

PROP. CURVE PREOLA-2
 $\Delta = 19^\circ 36' 43''$ (LT)
 $D = 3^\circ 10' 59''$
 $R = 1,800.00'$
 $T = 311.11'$
 $L = 616.13'$
 $E = 26.69'$
 $e = N/A$
P.C. STA. = 126+64.62
N: 1844015.38
E: 1005941.17
P.I. STA. = 129+75.73
N: 1844309.36
E: 1006042.99
P.T. STA. = 132+80.75
N: 1844620.45
E: 1006040.22

PROP. CURVE PREOLA-3
 $\Delta = 53^\circ 11' 00''$ (RT)
 $D = 12^\circ 43' 57''$
 $R = 450.00'$
 $T = 225.26'$
 $L = 417.70'$
 $E = 53.23'$
 $e = MATCH EXISTING$
P.C. STA. = 141+93.15
N: 1845532.82
E: 1006031.95
P.I. STA. = 144+18.41
N: 1845758.07
E: 1006029.89
P.T. STA. = 146+10.85
N: 1845894.71
E: 1006208.98

PROP. CURVE PREOLA-4
 $\Delta = 44^\circ 32' 18''$ (LT)
 $D = 12^\circ 43' 57''$
 $R = 450.00'$
 $T = 184.28'$
 $L = 349.80'$
 $E = 36.27'$
 $e = N/A$
P.C. STA. = 148+36.18
N: 1846143.16
E: 1006534.62
P.I. STA. = 150+20.45
N: 1845758.07
E: 1006029.89
P.T. STA. = 151+85.98
N: 1846325.58
E: 1006560.65

PROP. CURVE PR83-1
 $\Delta = 12^\circ 03' 09''$ (LT)
 $D = 5^\circ 40' 22''$
 $R = 1,010.00'$
 $T = 106.62'$
 $L = 212.46'$
 $E = 5.61'$
 $e = N/A$
P.C. STA. = 40+77.07
N: 1844945.31
E: 1004840.63
P.I. STA. = 41+83.69
N: 1844924.90
E: 1004945.28
P.T. STA. = 42+89.53
N: 1844926.80
E: 1005051.89



COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
DATE PLOTTED: 10/30/2015 10:00 AM
FILE NAME: 8613038-ah-t-ATB.dgn
PLOT DRIVER: JL.pdf.ctb
PEN TABLE: plot.tbl

HRGreen.com
11000 Professional Design Firm
#194-001322

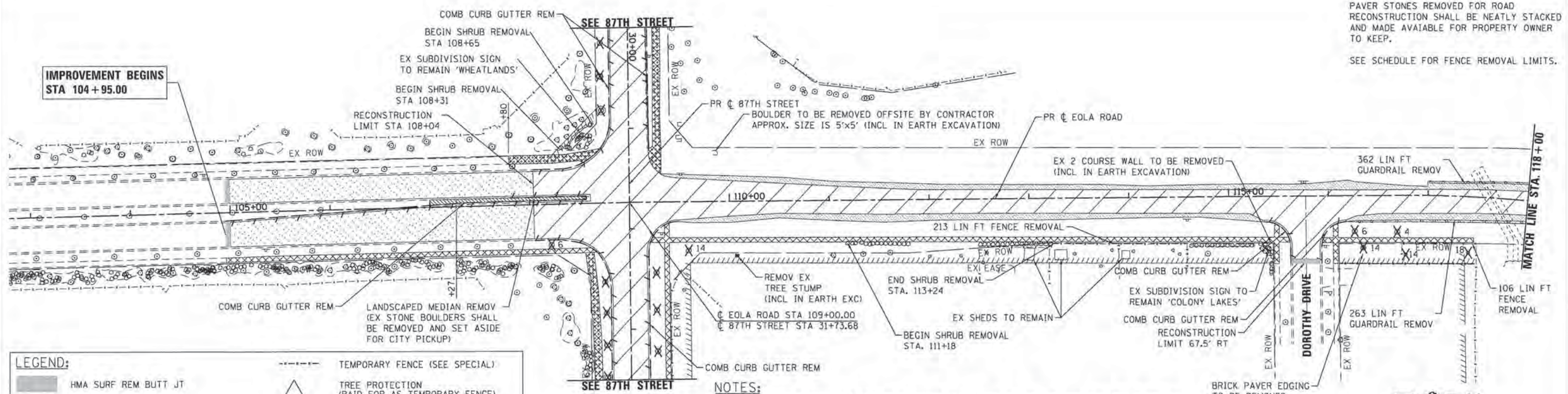
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PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
EOLA ROAD/87TH ST/83RD ST
SCALE: 1" = 200' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	27
CONTRACT NO. 61C06			ILLINOIS FED. AID PROJECT	

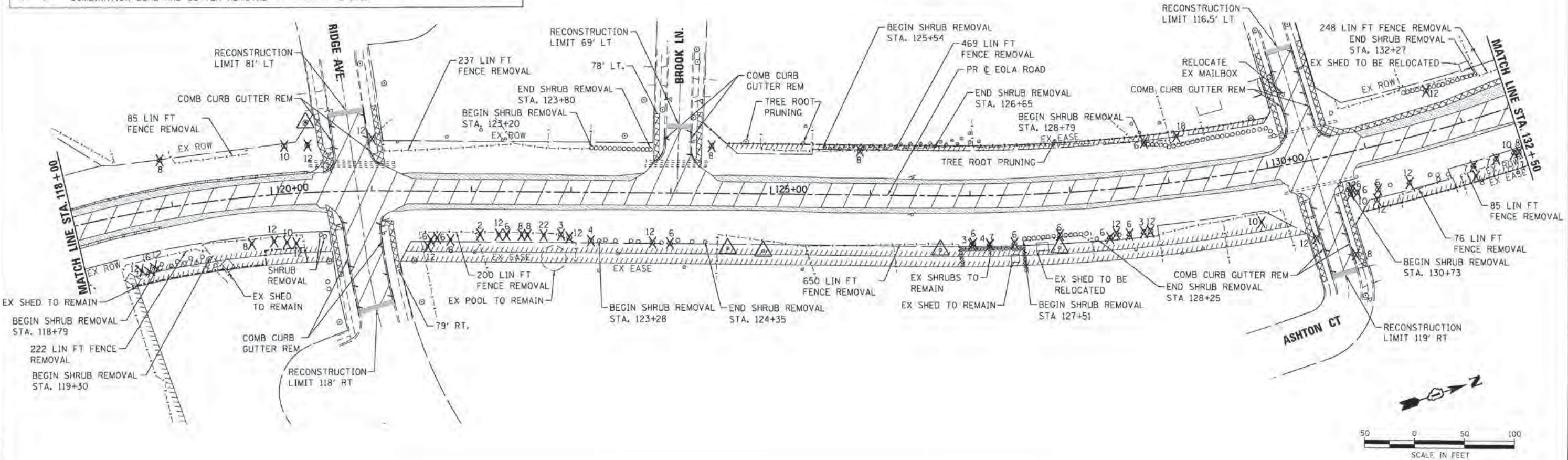
NOTE:
PAVER STONES REMOVED FOR ROAD RECONSTRUCTION SHALL BE NEATLY STACKED AND MADE AVAILABLE FOR PROPERTY OWNER TO KEEP.
SEE SCHEDULE FOR FENCE REMOVAL LIMITS.



LEGEND:

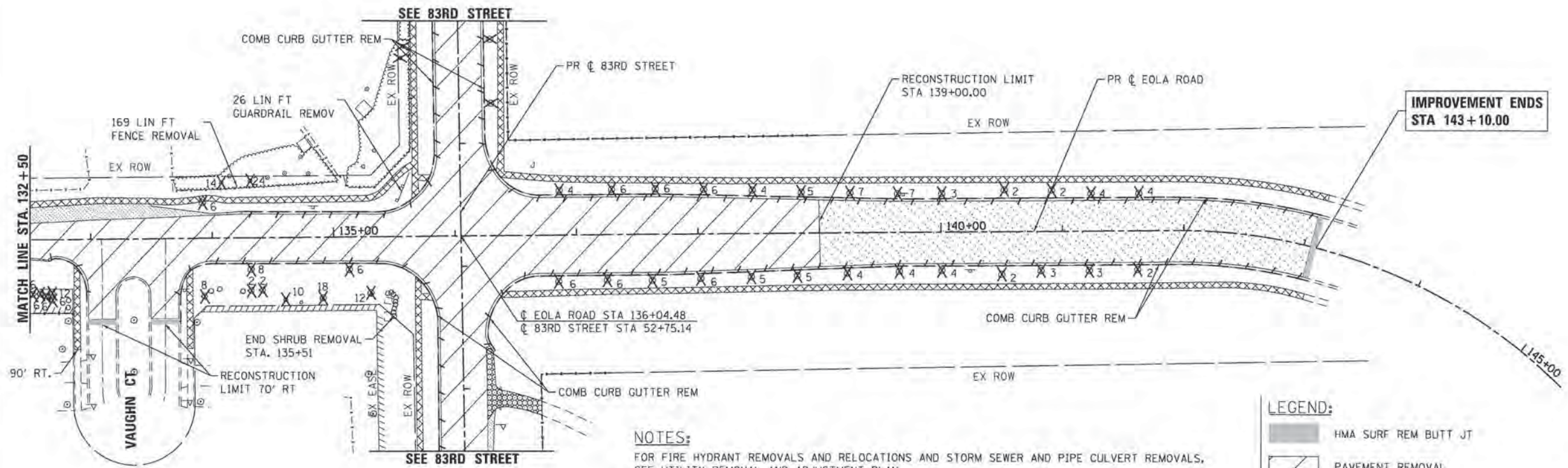
	HMA SURF REM BUTT JT		TEMPORARY FENCE (SEE SPECIAL)
	PAVEMENT REMOVAL		TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
	MEDIAN REMOVAL		TREE REMOVAL
	AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)		DRIVEWAY PAVEMENT REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL		SIDEWALK REMOVAL
			HMA MULTI-USE PATH REMOVAL (PAID FOR AS SIDEWALK REMOVAL)
			HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH

NOTES:
FOR FIRE HYDRANT REMOVALS AND RELOCATIONS AND STORM SEWER AND PIPE CULVERT REMOVALS, SEE UTILITY REMOVAL AND ADJUSTMENT PLAN.
THE AVERAGE DEPTH OF PAVEMENT REMOVAL IS 11" TO 13 1/2" AS SHOWN ON THE TYPICAL SECTIONS AND PAVEMENT CORING RESULTS, HOWEVER NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR PAVEMENT REMOVAL FOR VARIANCE IN THICKNESS/MATERIAL TYPES OR EXCAVATION AND DISPOSAL OF EXCESS MATERIALS.



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 10/20/2015 10:46:30 AM
 FILE NAME: 86130384-shr-removal-01.dwg
 PLOT DRIVER: II_per_dwg.plt
 PEN TABLE:

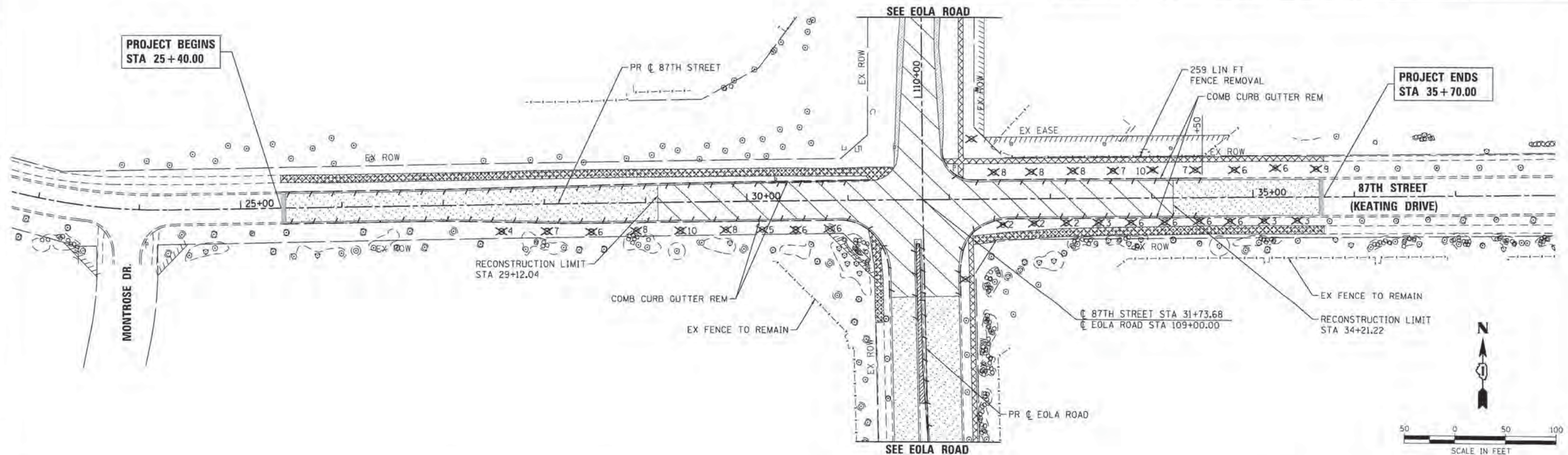
	USER NAME = dstnoz FILE NAME = 86130384-shr-removal-01.dwg PLOT SCALE = 1" = 50' PLOT DATE = 10/20/2015	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY REMOVAL PLAN EOLA ROAD	F.A.U. RTE. = 2531 SECTION = 10-00292-00-WR COUNTY = DUPAGE TOTAL SHEETS = 229 SHEET NO. = 28	CONTRACT NO. 61C06
	SCALES: 1" = 50' SHEET NO. 1 OF 4 SHEETS STA. BEG TO STA. 132+50	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					



NOTES:
 FOR FIRE HYDRANT REMOVALS AND RELOCATIONS AND STORM SEWER AND PIPE CULVERT REMOVALS, SEE UTILITY REMOVAL AND ADJUSTMENT PLAN.
 THE AVERAGE DEPTH OF PAVEMENT REMOVAL IS 11" TO 13 1/2" AS SHOWN ON THE TYPICAL SECTIONS AND PAVEMENT CORING RESULTS, HOWEVER NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR PAVEMENT REMOVAL FOR VARIANCE IN THICKNESS/MATERIAL TYPES OR EXCAVATION AND DISPOSAL OF EXCESS MATERIALS.

LEGEND:

- HMA SURF REM BUTT JT
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- COMBINATION CURB AND GUTTER REMOVAL
- TEMPORARY FENCE (SEE SPECIAL)
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- HMA MULTI-USE PATH REMOVAL (PAID FOR AS SIDEWALK REMOVAL)
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH



COMPANY NAME: HRGreen
 PROJECT CONTACT: [Name]
 CLIENT: [Name]
 DATE PLOTTED: 10/20/2015 11:45 AM
 FILE NAME: 85138384-shr-removal-02.dgn
 PEN TABLE: [Table]

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

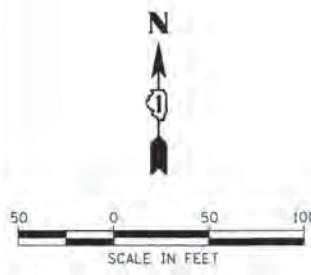
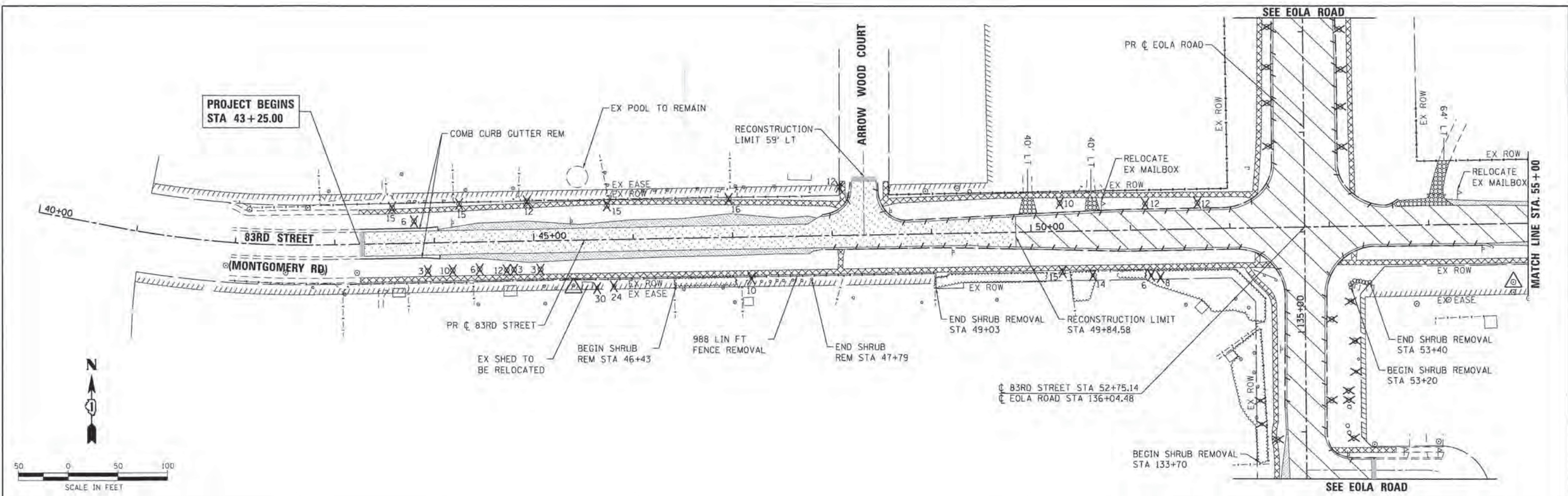
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FILE NAME = 85138384-shr-removal-02.dgn	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY REMOVAL PLAN
 EOLA ROAD/87TH STREET (KEATING DR)**

SCALE: 1" = 50' SHEET NO. 2 OF 4 SHEETS STA. 132+50 TO STA. END

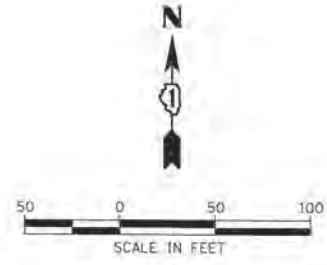
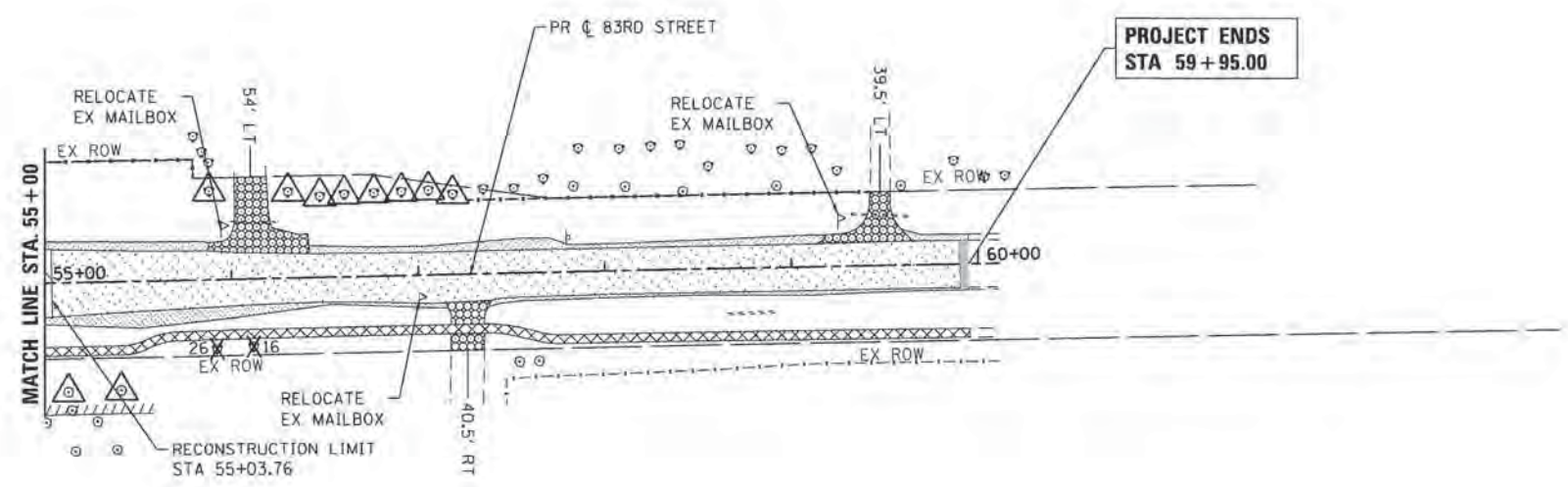
F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 29
CONTRACT NO. 61C06			FED. ROAD DIST. NO. [Blank]	



LEGEND:

	HMA SURF REM BUTT JT		TEMPORARY FENCE (SEE SPECIAL)
	PAVEMENT REMOVAL		TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
	MEDIAN REMOVAL		TREE REMOVAL
	AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)		DRIVEWAY PAVEMENT REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL		SIDEWALK REMOVAL
			HMA MULTI-USE PATH REMOVAL (PAID FOR AS SIDEWALK REMOVAL)
			HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH

NOTES:
 FOR FIRE HYDRANT REMOVALS AND RELOCATIONS AND STORM SEWER AND PIPE CULVERT REMOVALS, SEE UTILITY REMOVAL AND ADJUSTMENT PLAN.
 THE AVERAGE DEPTH OF PAVEMENT REMOVAL IS 11" TO 13 1/2" AS SHOWN ON THE TYPICAL SECTIONS AND PAVEMENT CORING RESULTS, HOWEVER NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR PAVEMENT REMOVAL FOR VARIANCE IN THICKNESS/MATERIAL TYPES OR EXCAVATION AND DISPOSAL OF EXCESS MATERIALS.



COMPANY NAME: HRGreen
 PROJECT CONTACT: [Name]
 CLIENT: [Name]
 DATE PLOTTED: 10/30/2015 11:46:29 PM
 FILE NAME: 86138384-sht-removal-83.dgn
 PLOT DRIVER: [Name]
 PEN TABLE: [Name]



USER NAME = dsanchez	DESIGNED -	REVISED -
FILE NAME = 86138384-sht-removal-83.dgn	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY REMOVAL PLAN
 83RD STREET (MONTGOMERY ROAD)**

SCALE: 1" = 50' SHEET NO. 3 OF 4 SHEETS STA. 43+25 TO STA. 59+90

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 30
CONTRACT NO. 61C06			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

ALIGNMENT	STA	OFF	MEASURED UNIT	GROWTH FACTOR	UNIT
PREQA	108+21	40.3	6	1.1	7
PREQA	109+59	48.7	14	1.1	15
PREQA	116+26	35.3	6	1.1	7
PREQA	116+35	51.9	14	1.1	15
PREQA	116+77	59.0	14	1.1	15
PREQA	118+58	57.0	12	1.1	15
PREQA	118+72	56.0	12	1.1	15
PREQA	118+95	-47.6	8	1.1	9
PREQA	119+76	46.5	8	1.1	9
PREQA	119+99	46.1	12	1.1	14
PREQA	120+12	48.2	10	1.1	11
PREQA	120+16	-47.6	10	1.1	11
PREQA	120+22	49.9	12	1.1	14
PREQA	120+38	-47.0	12	1.1	14
PREQA	121+00	-51.9	12	1.1	14
PREQA	121+57	55.0	12	1.1	14
PREQA	121+60	48.8	6	1.1	7
PREQA	121+66	46.4	6	1.1	7
PREQA	121+79	48.3	6	1.1	7
PREQA	122+28	42.7	12	1.1	14
PREQA	122+36	42.7	6	1.1	7
PREQA	122+51	42.8	8	1.1	9
PREQA	122+57	43.0	8	1.1	9
PREQA	122+90	42.2	3	1.1	4
PREQA	122+99	45.0	12	1.1	14
PREQA	123+82	49.3	12	1.1	14
PREQA	123+99	49.9	6	1.1	7
PREQA	124+40	-46.8	8	1.1	9
PREQA	125+89	-43.8	8	1.1	9
PREQA	127+03	47.4	6	1.1	7
PREQA	127+19	48.5	7	1.1	8
PREQA	127+43	47.8	6	1.1	7
PREQA	127+88	41.7	6	1.1	7
PREQA	128+36	48.0	6	1.1	7
PREQA	128+43	44.1	12	1.1	14
PREQA	128+56	46.2	6	1.1	7
PREQA	128+76	45.0	12	1.1	14
PREQA	128+79	-43.0	6	1.1	7
PREQA	129+85	51.3	10	1.1	11
PREQA	130+34	76.6	12	1.1	14
PREQA	130+68	100.4	8	1.1	9
PREQA	130+76	41.0	10	1.1	11
PREQA	130+78	35.4	6	1.1	7
PREQA	130+82	40.7	6	1.1	7
PREQA	131+00	51.8	12	1.1	14
PREQA	131+03	42.3	6	1.1	7
PREQA	131+34	43.5	12	1.1	14
PREQA	131+73	-40.1	12	1.1	14
PREQA	131+98	54.8	8	1.1	9
PREQA	131+99	44.3	7	1.1	8
PREQA	132+22	44.4	7	1.1	8
PREQA	132+40	44.1	10	1.1	11
PREQA	132+45	44.7	8	1.1	9
PREQA	132+52	44.4	6	1.1	7
PREQA	132+59	44.2	6	1.1	7
PREQA	132+63	46.1	6	1.1	7
PREQA	132+68	49.3	6	1.1	7
PREQA	132+68	43.8	12	1.1	14
PREQA	133+92	-28.8	6	1.1	7
PREQA	133+93	47.4	8	1.1	9
PREQA	134+08	-44.8	14	1.1	15
PREQA	134+32	25.6	8	1.1	9
PREQA	134+60	50.5	10	1.1	11
PREQA	135+13	26.6	6	1.1	7
PREQA	135+30	45.7	12	1.1	14
PREQA	136+85	37.9	6	1.1	7
PREQA	137+25	37.0	6	1.1	7
PREQA	137+29	-36.7	6	1.1	7

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

ALIGNMENT	STA	OFF	MEASURED UNIT	GROWTH FACTOR	UNIT
PREQA	137+62	37.6	5	1.1	6
PREQA	137+65	-36.8	6	1.1	7
PREQA	138+02	36.5	6	1.1	7
PREQA	138+05	-36.2	6	1.1	7
PREQA	139+25	-32.5	7	1.1	8
PREQA	139+64	-31.5	7	1.1	8
PRB7	28+02	26.7	7	1.1	8
PRB7	28+46	28.0	6	1.1	7
PRB7	28+90	27.5	8	1.1	9
PRB7	29+34	27.8	10	1.1	11
PRB7	29+79	27.5	8	1.1	9
PRB7	30+48	28.3	6	1.1	7
PRB7	30+82	27.4	6	1.1	7
PRB7	32+44	-26.3	8	1.1	9
PRB7	32+81	-26.3	8	1.1	9
PRB7	33+22	-26.9	8	1.1	9
PRB7	33+62	-26.8	7	1.1	8
PRB7	33+79	23.7	6	1.1	7
PRB7	34+01	-27.3	10	1.1	11
PRB7	34+12	23.6	6	1.1	7
PRB7	34+43	-27.0	7	1.1	8
PRB7	34+46	22.8	6	1.1	7
PRB7	34+77	23.3	6	1.1	7
PRB7	34+82	-26.8	6	1.1	7
PRB7	35+22	-28.4	6	1.1	7
PRB7	35+63	-27.3	9	1.1	10
PRB3	43+58	-35.7	15	1.1	15
PRB3	43+80	-21.8	6	1.1	7
PRB3	44+18	28.1	10	1.1	11
PRB3	44+26	-38.5	15	1.1	15
PRB3	44+45	27.4	6	1.1	7
PRB3	44+72	28.9	12	1.1	14
PRB3	44+94	-39.7	12	1.1	14
PRB3	45+74	-34.2	15	1.1	15
PRB3	47+18	41.7	10	1.1	11
PRB3	48+08	-48.7	12	1.1	14
PRB3	50+29	-28.3	10	1.1	11
PRB3	50+31	40.7	15	1.1	15
PRB3	50+61	44.5	14	1.1	15
PRB3	51+15	-26.2	12	1.1	14
PRB3	51+20	45.7	6	1.1	7
PRB3	51+29	47.7	8	1.1	9
PRB3	51+68	-26.1	12	1.1	14

TOTAL: 1,097

TREE REMOVAL (OVER 15 UNITS DIAMETER)

ALIGNMENT	STA	OFF	MEASURED UNIT	GROWTH FACTOR	UNIT
PREQA	117+43	56.0	18	1.1	20
PREQA	118+66	60.0	16	1.1	18
PREQA	122+73	43.1	22	1.1	25
PREQA	129+13	-45.2	18	1.1	20
PREQA	134+32	-46.1	24	1.1	27
PREQA	134+91	49.7	18	1.1	20
PRB3	45+63	48.6	30	1.1	33
PRB3	45+80	46.8	24	1.1	27
PRB3	46+97	-38.6	16	1.1	18
PRB3	55+92	36.8	26	1.1	29
PRB3	56+11	36.0	16	1.1	18

TOTAL: 255

FENCE REMOVAL

ALIGNMENT	STA FROM	OFF	STA TO	OFF	FOOT
PREQA	112+50	47.2	114+58	46.6	213.00
PREQA	116+73	59.8	117+52	66.4	105.75
PREQA	118+38	63.6	120+30	53.8	221.90
PREQA	119+06	-47.8	119+79	-48.2	84.45
PREQA	121+09	-62.2	123+19	-49.8	236.82
PREQA	121+52	60.1	123+05	50.4	179.26
PREQA	122+05	40.4	122+11	60.1	20.73
PREQA	124+47	60.3	126+89	60.5	273.96
PREQA	124+90	-49.6	129+41	-49.5	468.68
PREQA	126+89	51.1	128+20	60.5	152.50
PREQA	128+18	41.0	130+09	60.4	223.00
PREQA	130+80	-53.1	132+99	-49.8	238.00
PREQA	132+27	-49.3	132+28	-39.6	10.17
PREQA	131+22	60.3	131+77	60.3	74.88
PREQA	131+85	60.3	132+45	60.3	84.25
PREQA	133+68	-51.3	135+01	-49.8	156.04
PREQA	135+05	-48.5	135+63	-69.9	78.94
PRB7	32+43	-52.0	34+77	-60.5	258.80
PRB3	43+25	40.4	52+05	40.9	908.82

TOTAL: 3989.9

COMBINATION CURB AND GUTTER REMOVAL

ALIGNMENT	STA FROM	OFF	STA TO	OFF	FOOT
PREQA	107+35	-3.6	108+57	-3.9	156.98
PREQA	108+57	-7.5	108+57	-3.9	3.65
PREQA	107+80	-7.4	108+57	-7.5	76.89
PREQA	115+36	25.7	115+62	67.4	57.00
PREQA	115+93	67.6	116+18	25.8	55.87
PREQA	120+52	-19.5	120+58	-78.5	65.21
PREQA	120+67	25.1	120+77	82.7	100.52
PREQA	121+12	25.8	121+16	75.2	88.52
PREQA	120+92	-83.1	121+13	-26.2	65.76
PREQA	123+81	-29.4	123+93	-68.9	44.37
PREQA	124+21	-68.3	124+30	-27.6	44.37
PREQA	130+17	-22.6	130+18	-115.1	95.45
PREQA	130+34	39.1	130+42	119.9	81.22
PREQA	130+62	48.5	130+67	117.5	69.26
PREQA	130+47	-117.8	130+68	-19.6	104.20
PREQA	132+67	17.5	132+96	50.1	53.88
PREQA	133+73	69.8	135+85	66.7	274.17
PREQA	134+24	-21.3	135+83	-69.5	187.80
PREQA	136+25	-82.4	143+10	-27.0	722.00
PREQA	136+32	93.9	143+10	27.8	718.87
PRB7	25+40	15.5	31+40	96.3	655.52
PRB7	25+40	-15.5	31+18	-19.9	580.26
PRB7	31+93	-48.7	34+50	-19.2	273.61
PRB7	32+10	95.4	34+50	19.3	295.90
PRB3	43+25	14.8	44+05	16.0	80.30
PRB3	43+25	-14.9	44+04	-16.0	78.80
PRB3	47+90	-21.2	48+19	-53.7	48.74
PRB3	47+90	13.7	52+05	20.8	415.97
PRB3	48+47	-52.5	51+93	-20.9	372.05
PRB3	53+42	20.3	54+54	21.2	112.57

TOTAL: 5979.7

GUARDRAIL REMOVAL

ALIGNMENT	STA FROM	OFF	STA TO	OFF	FOOT
PREQA	117+01	-12.1	120+52	-32.8	362.03
PREQA	116+19	25.5	118+85	17.8	262.83
PRB3	52+23	41.8	52+47	51.7	25.54

TOTAL: 650.4

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

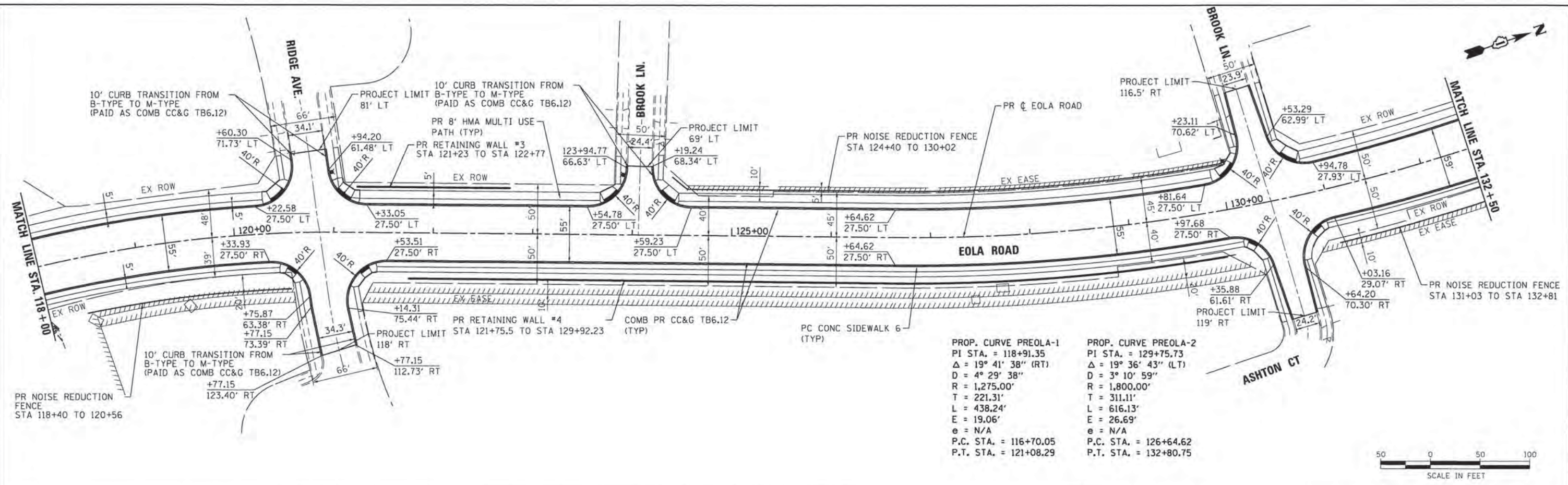
REMOVAL SCHEDULE
 EOLA ROAD /87TH STREET (KEATING DRIVE)
 SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. 2531 SECTION 10-00292-00-WR COUNTY DUPAGE TOTAL SHEETS 229 SHEET NO. 31 CONTRACT NO. 61C06

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NO. OF FILE NAME	

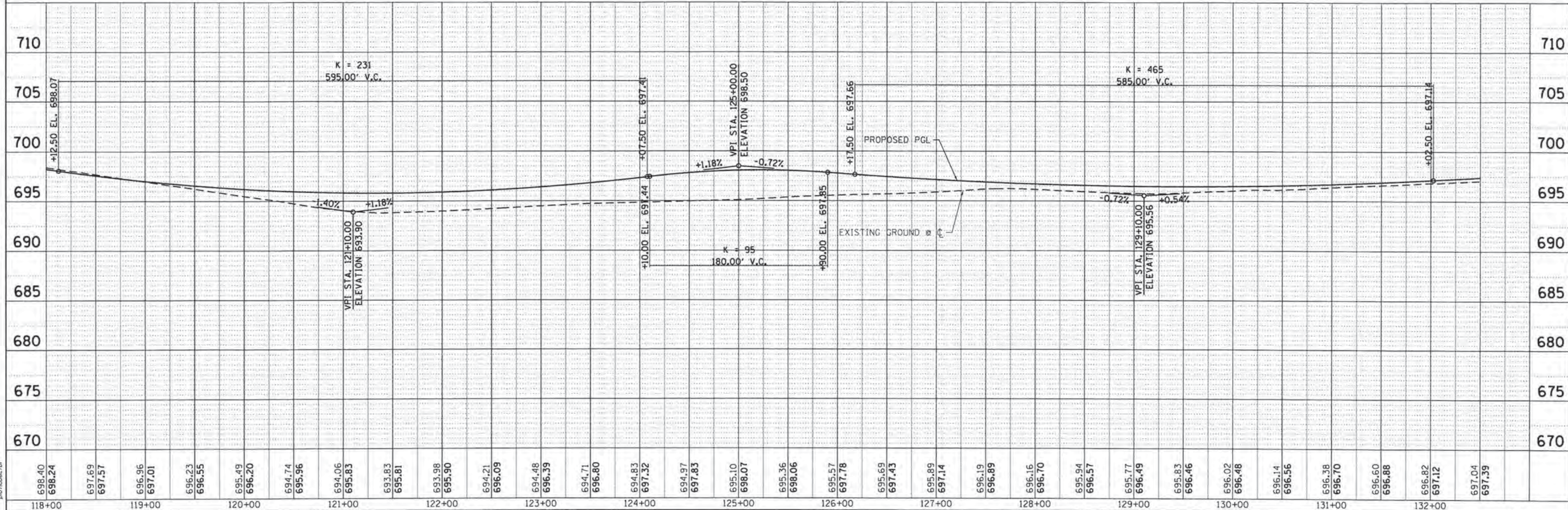
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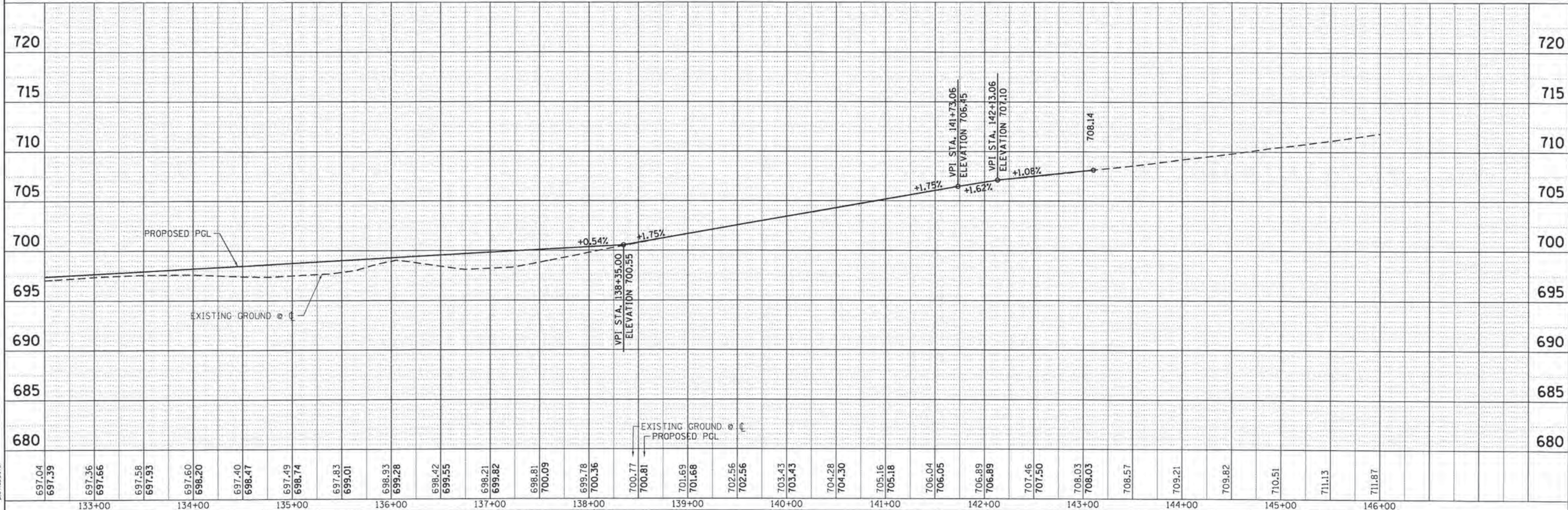
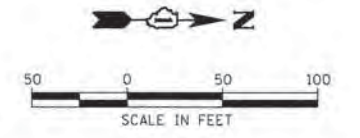
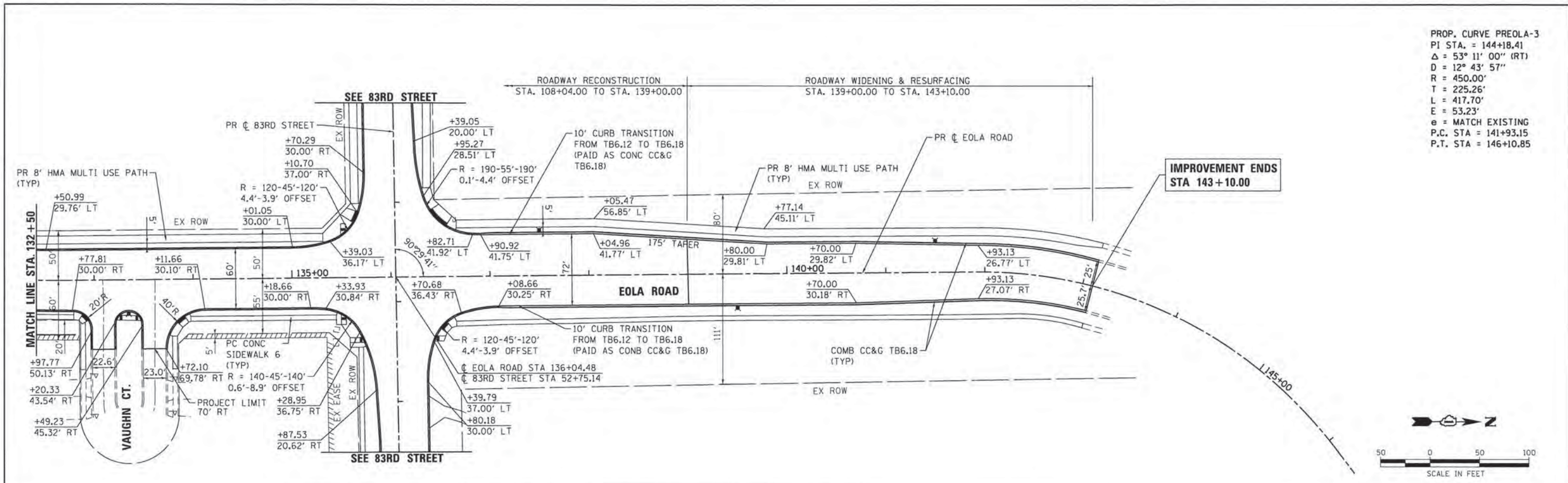
PROP. CURVE PREOLA-1
 PI STA. = 118+91.35
 $\Delta = 19^\circ 41' 38''$ (RT)
 $D = 4^\circ 29' 38''$
 $R = 1,275.00'$
 $T = 221.31'$
 $L = 438.24'$
 $E = 19.06'$
 $e = N/A$
 P.C. STA. = 116+70.05
 P.T. STA. = 121+08.29

PROP. CURVE PREOLA-2
 PI STA. = 129+75.73
 $\Delta = 19^\circ 36' 43''$ (LT)
 $D = 3^\circ 10' 59''$
 $R = 1,800.00'$
 $T = 311.11'$
 $L = 616.13'$
 $E = 26.69'$
 $e = N/A$
 P.C. STA. = 126+64.62
 P.T. STA. = 132+80.75



USER NAME = dstancez FILE NAME = 86132384-shr-ppr-02.dgn PLOT SCALE = 1" = 50' PLOT DATE = 10/30/2015	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE EOLA ROAD	SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. 118+00 TO STA. 132+50	F.A.U. RTE. 2531 SECTION 10-00292-00-WR COUNTY DUPAGE TOTAL SHEETS 229 SHEET NO. 33 CONTRACT NO. 61C06 ILLINOIS FED. AID PROJECT
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PROP. CURVE PREOLA-3
 PI STA. = 144+18.41
 $\Delta = 53^\circ 11' 00''$ (RT)
 $D = 12^\circ 43' 57''$
 $R = 450.00'$
 $T = 225.26'$
 $L = 417.70'$
 $E = 53.23'$
 $e = \text{MATCH EXISTING}$
 P.C. STA = 141+93.15
 P.T. STA = 146+10.85



DATE	
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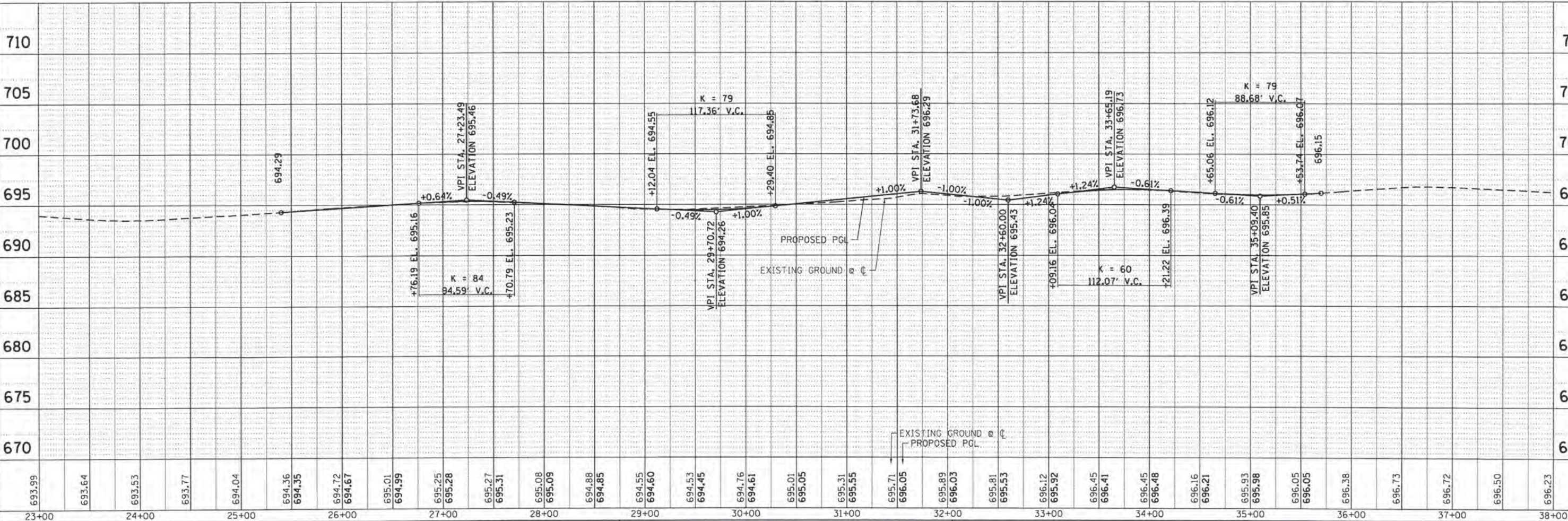
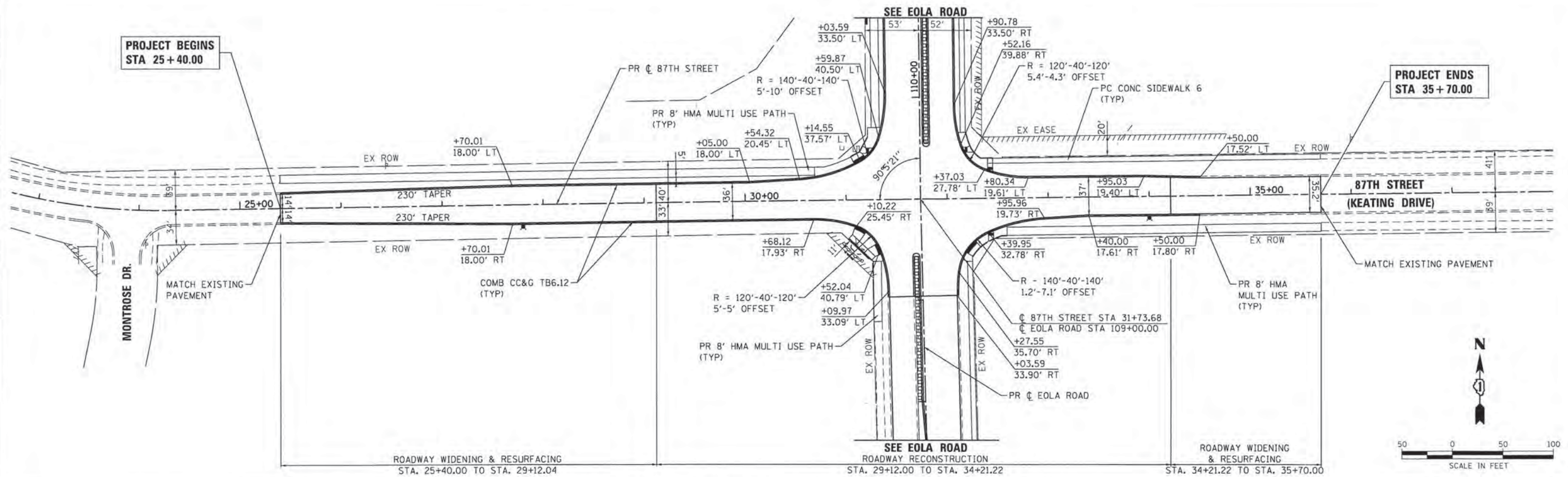
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PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	FILED		
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PROFILE	SURVEYED	BY	DATE
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23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00														
693.99	693.64	693.53	693.77	694.04	694.36 694.35	694.72 694.67	695.01 695.28	695.27 695.31	695.08 695.09	694.88 694.85	694.55 694.60	694.53 694.45	694.76 694.61	695.01 695.05	695.31 695.55	695.71 696.05	695.89 696.03	695.81 695.53	696.12 695.92	696.45 696.41	696.45 696.48	696.16 696.21	695.93 695.98	696.05 696.05	696.38	696.73	696.72	696.50	696.23

HRGreen.com
 Illinois Professional Design Firm
 #184-01322

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

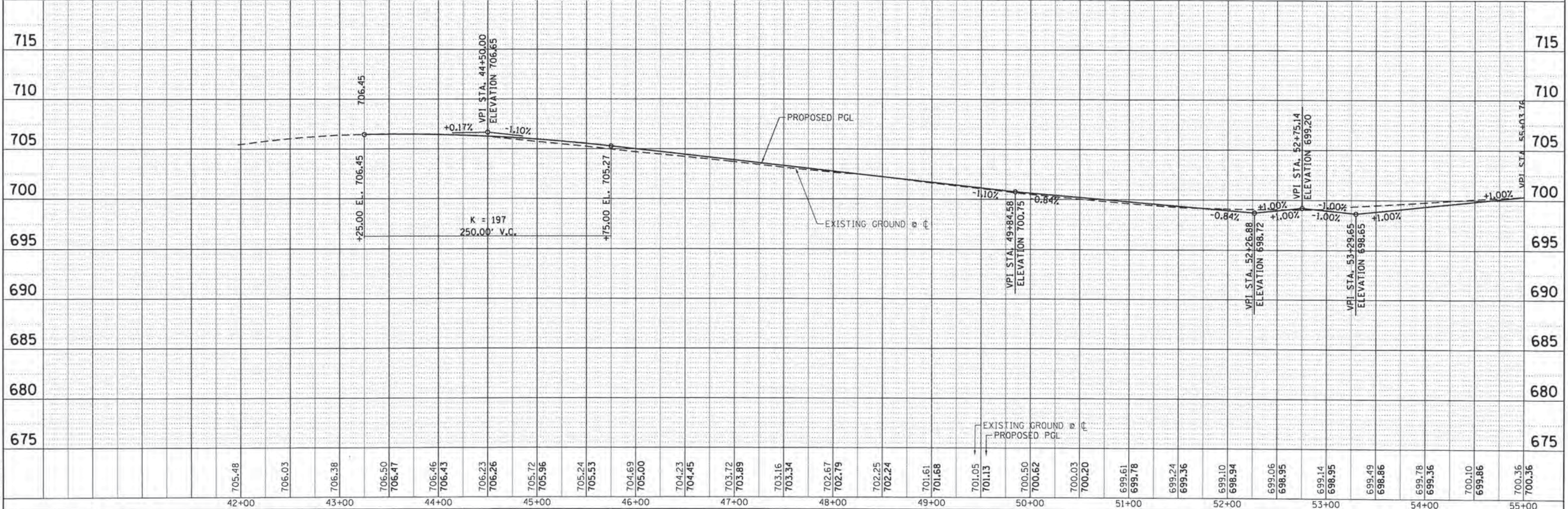
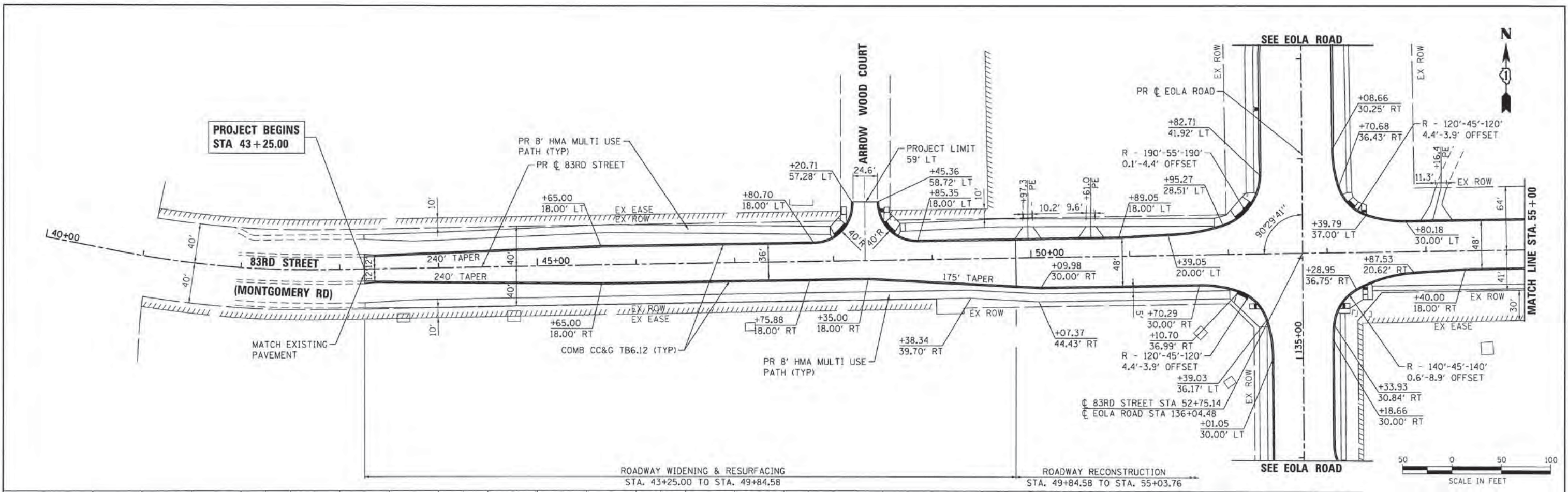
PLAN AND PROFILE
 87TH STREET (KEATING DRIVE)
 SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. 25+40 TO STA. 35+70

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 35
CONTRACT NO. 61C06			ILLINOIS FED. AID PROJECT	

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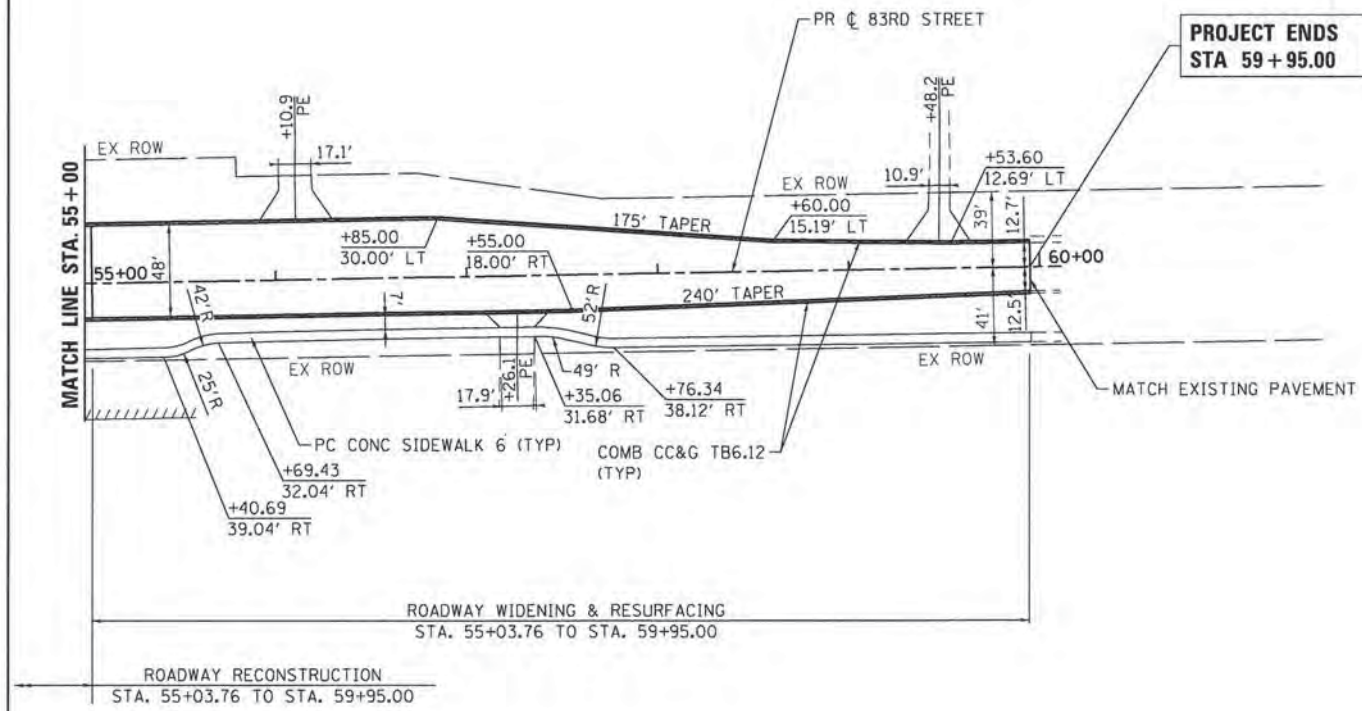
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	B.M. NOTED		
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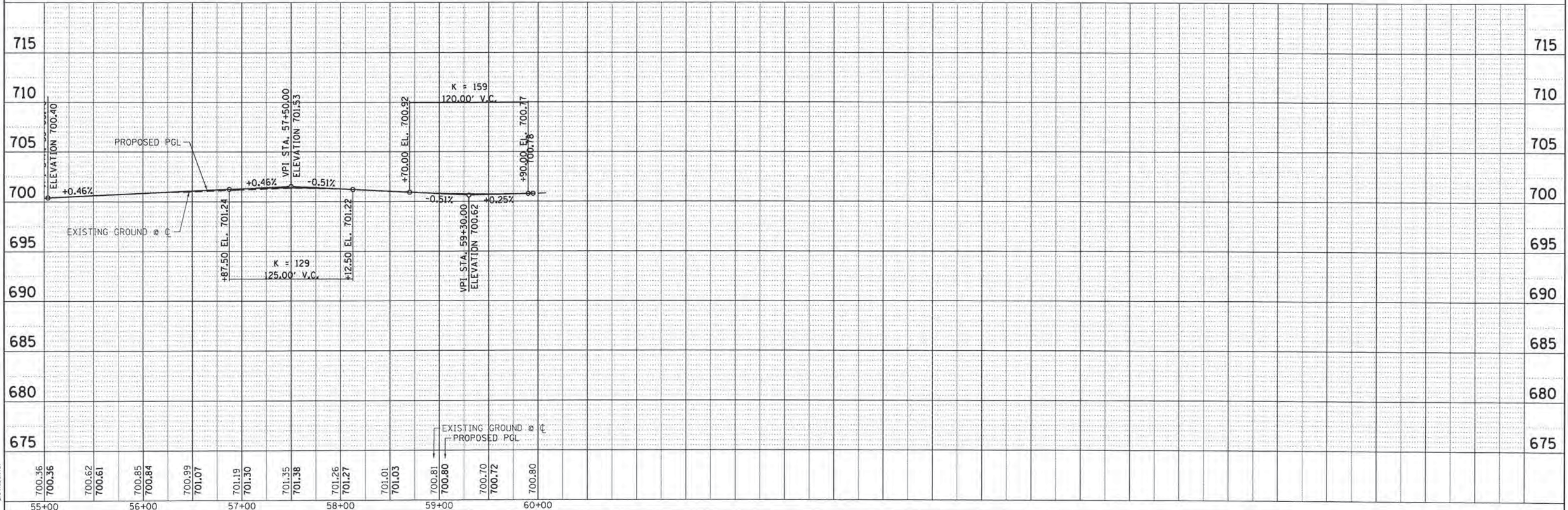


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	PLOT DATE = 10/30/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

DATE	BY
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STRUCTURE	
NOTATIONS	
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FILE NAME	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
83RD STREET (MONTGOMERY ROAD)**

SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. 55+00 TO STA. 59+90

F.A.J. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 37
CONTRACT NO. 61C06			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

1. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER AND THE CITY FOR APPROVAL.
2. THE RESIDENT ENGINEER SHALL BE INFORMED 72 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS.
3. CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE THROUGH LANE IN EACH DIRECTION THROUGHOUT THE PROJECT AREA AT ALL TIMES.
4. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.
5. 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.
6. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ENTRANCES AND APPROACHES AS INDICATED ON THE PLANS WITHIN THE PROJECT LIMITS. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE), OR TEMPORARY ACCESS (COMMERCIAL ENTRANCE), OR TEMPORARY ACCESS (ROAD).
7. A WORK ZONE SPEED LIMIT SHALL BE IN PLACE JUST PRIOR TO PRE-STAGE CONSTRUCTION.

SIGNS

1. TRAFFIC CONTROL DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.
2. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
4. DRIVEWAY 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.

5. 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 TEMPORARY INFORMATION SIGNS SHALL BE PAID FOR SEPARATELY AT THE UNIT PER SQUARE FOOT FOR "TEMPORARY INFORMATION SIGNING".
6. THE CONTRACTOR SHALL PLACE SIX CHANGEABLE MESSAGE SIGNS, ONE AT THE BEGINNING OF THE PROJECT ON EOLA ROAD, THE WEST AND EAST LEGS OF 83RD STREET AND 87TH STREET, AND AT THE END OF THE PROJECT ON EOLA ROAD THE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO WEEKS BEFORE START OF CONSTRUCTION ACTIVITY. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGN".

BARRICADES

1. 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.
2. CHANNELIZING DEVICES ARE TO BE PLACED AT SAME LEVEL AS TRAVELING LANE OR SHOULDER PROFILE.
3. CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE 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. THE CONTRACTOR SHALL USE LEG EXTENSIONS FOR TYPE II BARRICADES OR PROVIDE A 2 FT WIDTH EARTH FILL PAD FOR DRUMS TO MEET MINIMUM BARRICADE HEIGHT (SEE STAGING TYPICAL CROSS SECTION SHEETS). THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

PAVEMENT MARKING

1. ALL TEMPORARY PAVEMENT MARKINGS PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.
2. ALL PAVEMENT MARKINGS CONFLICTING WITH REVISED TRAFFIC PATTERNS SHALL BE REMOVED. TYPE III MARKING TAPE SHALL BE USED ON THE FINAL WEARING SURFACE OR ON THE EXISTING PAVEMENT TO REMAIN WHEN THE TEMPORARY PAVEMENT MARKING WILL CONFLICT WITH THE PERMANENT PAVEMENT MARKING SUCH AS ON TAPERS OR LANE SHIFTS.
3. ALL TEMPORARY MARKINGS SHALL BE PAINT.

OTHER

1. ALL DRAINAGE STRUCTURES THAT ARE REQUIRED TO BE INSTALLED WITHIN TEMPORARY PAVEMENT OR AT A TEMPORARY ELEVATION NECESSARY TO MAINTAIN TRAFFIC AND DRAINAGE ARE REQUIRED TO BE ADJUSTED TO THE PROPOSED TEMPORARY ELEVATION WITH A TYPE I FRAME OPEN LID AND THEN ADJUSTED TO FINAL GRADE WITH THE PROPOSED FRAME AND GRATE. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE SPECIFIED.
2. ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT. DROP-OFFS GREATER THAN 18 INCHES SHALL NOT BE EXPOSED TO TRAFFIC FOR GREATER THAN 48 HOURS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL)

3. THE CONTRACTOR SHALL PROVIDE TEMPORARY HMA RAMPS TO TRANSITION THE DIFFERENTIAL ELEVATIONS CAUSED BY STAGED CONSTRUCTION BETWEEN THE NEW CONSTRUCTION AND EXISTING PAVEMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT.
4. END OF TEMPORARY CONCRETE BARRIER WALL MUST BE TAPERED 8:1 (12:1 IF POSTED SPEED LIMIT IS >40 MPH) AWAY FROM TRAFFIC.
5. THE FOLLOWING DROP-OFF POLICY TABLE PROVIDES THE MINIMUM RECOMMENDED TREATMENT FOR DROP-OFFS. THE RECOMMENDED TREATMENT HAS BEEN DEPICTED ON THE MAINTENANCE OF TRAFFIC PLAN SHEETS.

EXISTING ROAD TYPE	NORMAL POSTED SPEED LIMIT, NPSL (mph)	DROP-OFF DEPTH, D (INCHES)	TCB IS WARRANTED (2)	USE OF TCB MAY BE WARRANTED, BASED ON TRAFFIC EXPOSURE.(2)	MAXIMUM ALLOWABLE TOTAL TRAFFIC (BOTH DIRECTIONS) WITHOUT TCB (3)
2L2W	UP TO 35	12<=D<=18		YES (1)	3.02
2L2W	UP TO 35	18<D<=24		YES (1)	2.39
2L2W	UP TO 35	24<D<=36		YES (1)	2.08
2L2W	UP TO 35	D>36	YES (1)		
2L2W	35<NPSL<=45	12<=D<=18		YES (1)	1.42
2L2W	35<NPSL<=40	18<D<=24		YES (1)	1.12
2L2W	> 45	D>12	YES (1)		
4L2W	UP TO 35	12<=D<=18		YES (1)	9.31
4L2W	UP TO 35	18<D<=24		YES (1)	7.3
4L2W	UP TO 35	24<D<=36		YES (1)	6.25
4L2W	UP TO 35	>36	YES (1)		
4L2W	35>NPSL<=45	12<=D<=18		YES (1)	3.43
4L2W	35>NPSL<=40	18<D<=24		YES (1)	2.94
4L2W	>45	D>=12	YES (1)		
ALL	>46	D<12	NO (2)		
ALL	>47	D>=12	YES		

LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT. OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE, FOR DROP-OFF LOCATIONS BEYOND 8 FT. OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE, BUT WITHIN THE CONSTRUCTION CLEAR ZONE, BASE THE DECISION AND DESIGN UPON AN ENGINEERING STUDY.

CHANNELIZING DEVICES AND TEMPORARY BARRIER ARE TO BE PLACED AT SAME LEVEL AS TRAVELING LANE OR SHOULDER PROFILE.

WHERE TCB IS NOT USED, CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) SHALL BE RAISED TO THE ELEVATION ABOVE TRAVELING LANE OR SHOULDER PROFILE AS REQUIRED BY HIGHWAY STANDARD 701901.

THIS GUIDANCE INCLUDES CONSIDERATION OF ANALYSIS BY THE ROADSIDE SAFETY ANALYSIS PROGRAM, VERSION 3.0.1, AND IS BASED ON USE OF ILLINOIS F-SHAPE TCB. OTHER TLTB APPROVED FOR USE BY IDOT MAY BE USED IN LIEU OF TCB WHERE SPACE IS AVAILABLE FOR ITS DESIGN DEFLECTION, AND WHERE IT IS CONSIDERED ECONOMICALLY JUSTIFIED.

(1) FOR URBAN/SUBURBAN LOCATIONS, THE DESIGNER SHOULD CONSIDER ACCESS NEEDS AND SIGHT DISTANCE IN MAKING A FINAL DECISION TO USE TCB.

(2) HOWEVER, SEE ABOVE SECTIONS FOR LONG DURATION STATIONARY OPERATIONS ON HIGH SPEED ROADS WITH WORKERS, AND FOR WORKER PROTECTION WHERE THERE IS NO MEANS OF ESCAPE.

(3) THE PRODUCT OF AVERAGE DAILY TRAFFIC AND DURATION, IN CALENDAR DAYS, DIVIDED BY 1,000,000 (ADT x CALENDAR DAYS/1,000,000). THIS IS PER EACH TIME THAT THE TCB IS INSTALLED OR RELOCATED.

SEQUENCE OF CONSTRUCTION

PRE-STAGE

CONSTRUCTION

1. PREPARE THE TEMPORARY SIGNALS AT THE INTERSECTIONS OF EOLA ROAD AT 83RD STREET AND 87TH STREET PER THE TEMPORARY SIGNAL PLANS.
2. PREPARE THE ROADWAYS AND INTERSECTIONS FOR STAGE 1 TRAFFIC WITH TEMPORARY PAVEMENT. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS.
3. CONSTRUCT TEMPORARY PAVEMENT AT LOCATIONS SHOWN IN THE PLANS.
4. REMOVE CONFLICTING EXISTING SIGNS LOCATED ALONG THE MAINLINE. RELOCATE EXISTING SIGNS AS NEEDED.
5. REMOVE ALL EXISTING RAISED PAVEMENT MARKERS AND PAVEMENT MARKINGS IN CONFLICT WITH MAINTENANCE OF TRAFFIC STRIPING.
6. INSTALL EROSION CONTROL MEASURES.
7. PROVIDE TEMPORARY SWALES/DITCHES TO MAINTAIN DRAINAGE. INSTALL/ADJUST STORM SEWER AS NECESSARY TO PROVIDE OUTLETS IN TEMPORARY CONDITION.
8. CONSTRUCT BOX CULVERT IMPROVEMENTS.

MAINTENANCE OF TRAFFIC

1. A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, AS SHOWN ON THE PLANS.
2. TRAFFIC WILL BE SHIFTED FOR BOX CULVERT CONSTRUCTION AND WILL UTILIZE EXISTING PAVEMENT AND TEMPORARY PAVEMENT.

STAGE 1

CONSTRUCTION

1. PLACE STAGE 1 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC AND ACTIVATE SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS OF EOLA ROAD AT 83RD STREET AND 87TH STREET PER THE TEMPORARY SIGNAL PLANS.
2. CONSTRUCT THE STORM SEWER AND DRAINAGE STRUCTURES, CURB AND GUTTER, NOISE WALLS AND RETAINING WALLS WITHIN THE WORK ZONE FOR STAGE 1 AT LOCATIONS SHOWN. CONSTRUCT THE PROPOSED PAVEMENT UP TO THE BINDER COURSE ELEVATION.

MAINTENANCE OF TRAFFIC

1. A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, AS SHOWN ON THE PLANS.
2. TRAFFIC WILL BE SHIFTED FOR STAGE 1 CONSTRUCTION AND WILL UTILIZE THE EXISTING PAVEMENT AND TEMPORARY PAVEMENT.

STAGE 2

CONSTRUCTION

1. INSTALL STAGE 2 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS OF EOLA ROAD AT 83RD STREET AND 87TH STREET PER THE TEMPORARY SIGNAL PLANS.
2. CONSTRUCT THE PROPOSED PAVEMENT UP TO THE BINDER COURSE ELEVATION.

MAINTENANCE OF TRAFFIC

1. A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, AS SHOWN ON THE PLANS.
2. TRAFFIC WILL BE SHIFTED FOR STAGE 2 CONSTRUCTION AND WILL UTILIZE NEWLY CONSTRUCTED PAVEMENT AND TEMPORARY PAVEMENT.

STAGE 3

CONSTRUCTION

1. PLACE STAGE 3 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS OF EOLA ROAD AT 83RD STREET AND 87TH STREET PER THE TEMPORARY SIGNAL PLANS.
2. CONSTRUCT THE REMAINING PAVEMENTS UP TO THE BINDER COURSE. CONSTRUCT THE CURB AND GUTTER ALONG MEDIANS AND MEDIAN SURFACES.

MAINTENANCE OF TRAFFIC

1. A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, AS SHOWN ON THE PLANS.

STAGE 4 (Not Illustrated)

CONSTRUCTION

1. PLACE THE HOT MIX ASPHALT SURFACE COURSES.
2. COMPLETE REMAINING RESTORATION AND LANDSCAPING.
3. COMPLETE INSTALLATION OF TRAFFIC SIGNALS AT EOLA ROAD AT 83RD STREET AND 87TH STREET.
4. REMOVE TEMPORARY TRAFFIC SIGNALS.
5. INSTALL PERMANENT PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS.

MAINTENANCE OF TRAFFIC

1. A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE APPLICABLE HIGHWAY STANDARDS.

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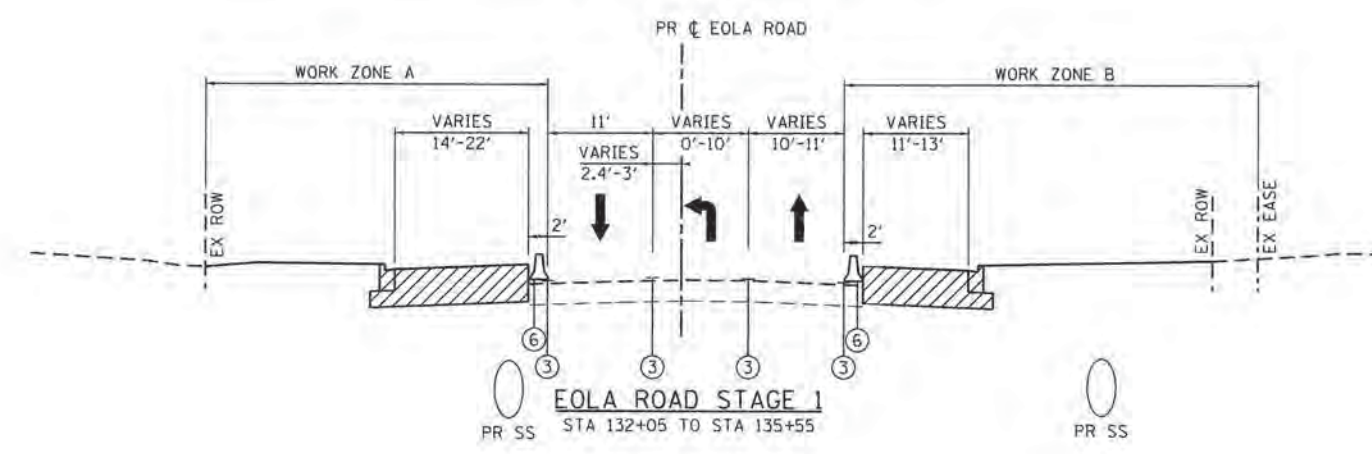
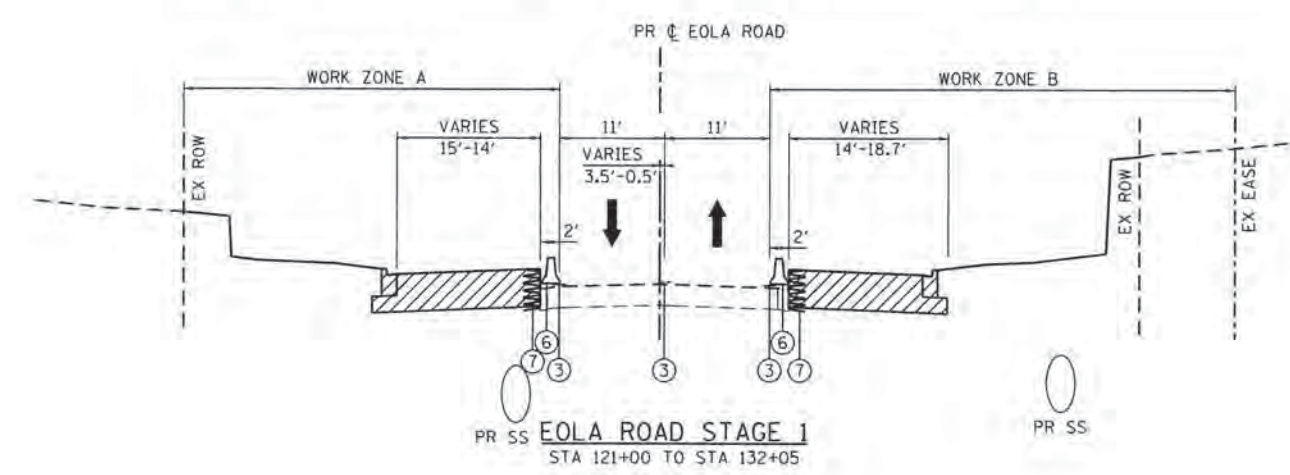
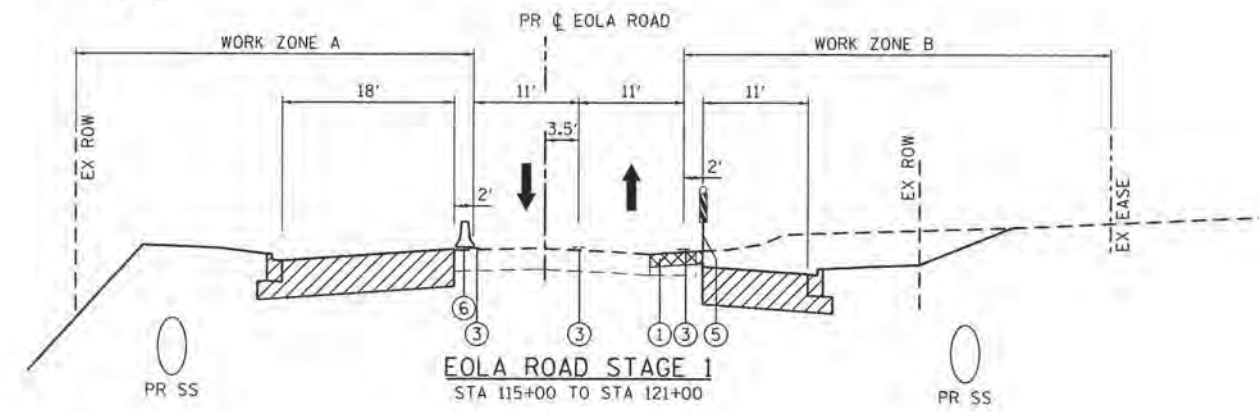
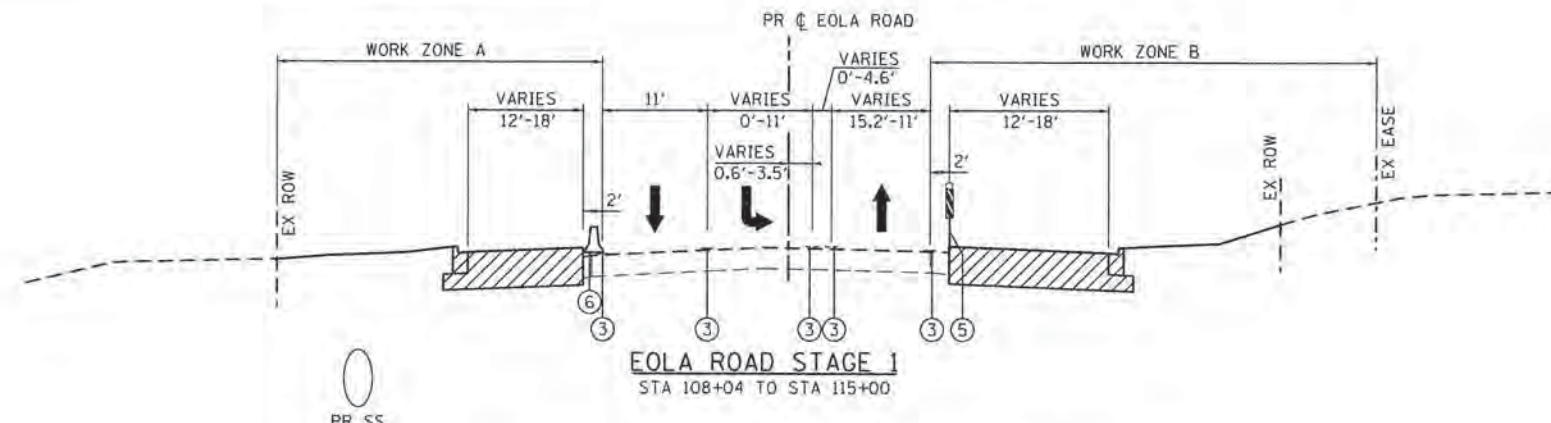
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES
 GENERAL NOTES & SEQUENCE OF CONSTRUCTION**

SCALE: NTS SHEET NO. 1 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	38
CONTRACT NO.			61C06	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC NOTES:

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF PAVEMENT MARKING.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.
3. THE CONTRACTOR HAS THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT.
4. TEMPORARY CONCRETE BARRIER WALL SHALL BE PINNED WHEN A 3.5' CLEAR ZONE CANNOT BE PROVIDED FROM BEHIND THE WALL. PINNING, IF APPLICABLE, WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TEMPORARY BARRIER WALL.
5. IN ACCORDANCE WITH ARTICLE 701.08 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR MAY ONLY WORK ON ONE SIDE OF THE ROADWAY AT A TIME. THE CONTRACTOR SHALL DETERMINE THE CONSTRUCTION SEQUENCE AND WHICH SIDE, A OR B, OF THE ROAD TO CONSTRUCT.
6. TEMPORARY SOIL RETENTION METHODS TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

LEGEND:

- ① TEMPORARY PAVEMENT (SEE HMA MIXTURE REQUIREMENT TABLES FOR THICKNESS AND MATERIAL REQUIREMENTS)
- ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- ③ PAVEMENT MARKING (SEE NOTE 1)
- ④ EXISTING PAVEMENT MARKING
- ⑤ DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- ⑥ TEMPORARY CONCRETE BARRIER (SEE NOTE 4)
- ⑦ TEMPORARY SOIL RETENTION (SEE NOTE 6)
- ➔ DIRECTION OF TRAFFIC
- DOUBLE VERTICAL PANELS WITH BI-DIRECTIONAL LIGHTING @ 25' C-C
- PROPOSED PAVEMENT
- TEMPORARY PAVEMENT

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 Illinois Professional Design Firm
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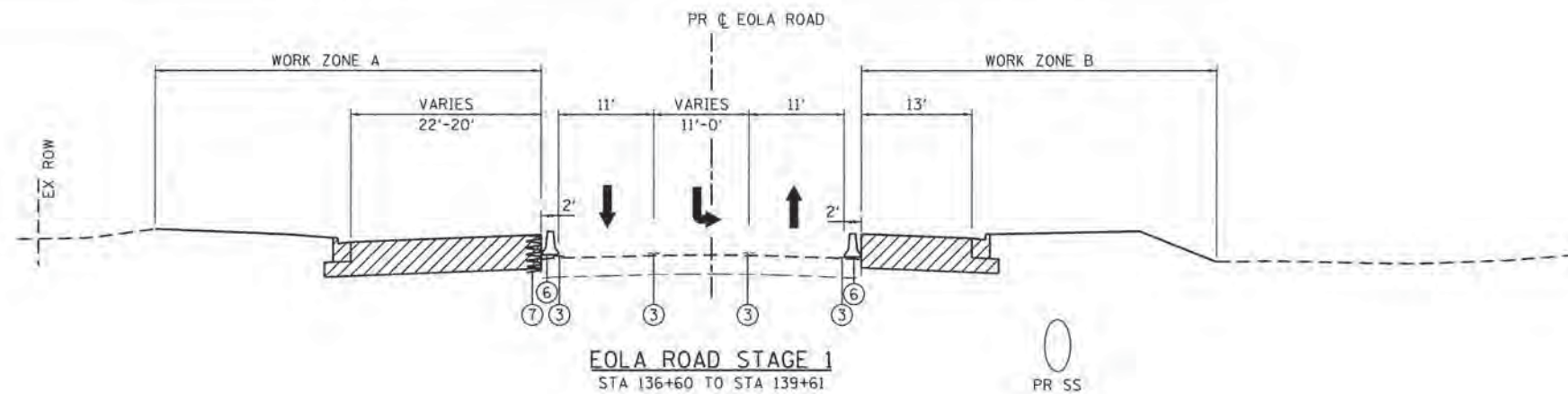
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

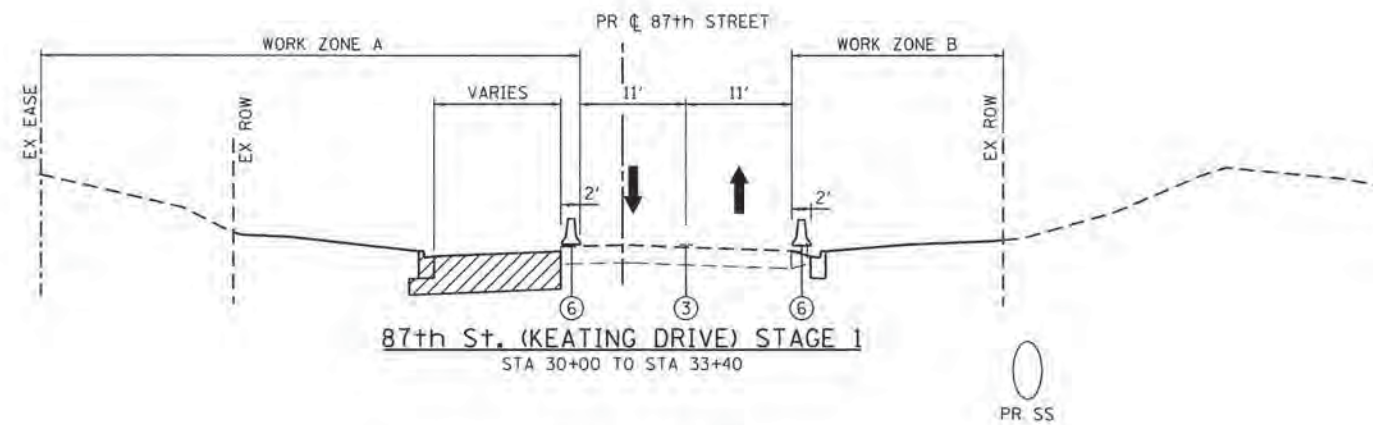
SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
TYPICAL SECTIONS-STAGE 1

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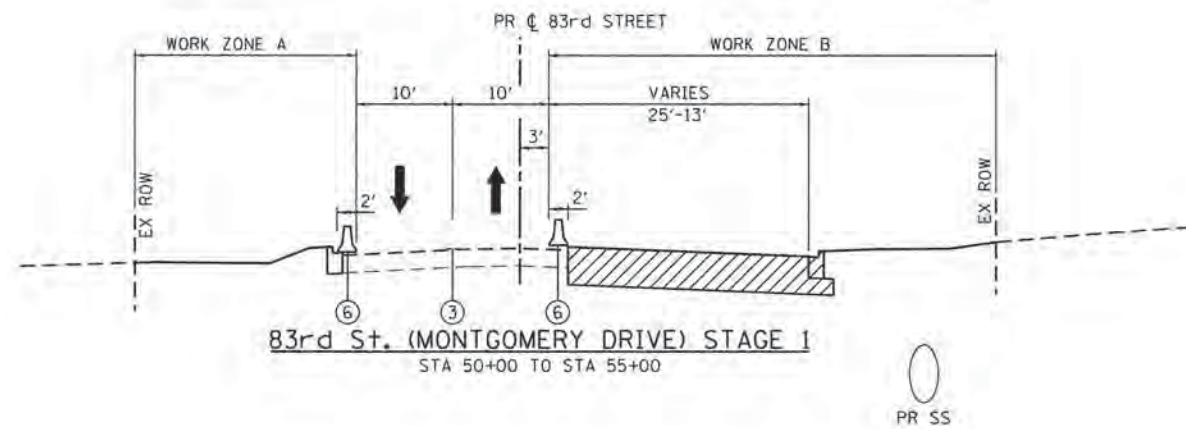
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2531	10-00292-00-WR	DUPAGE	229	39
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 61C06	



EOLA ROAD STAGE 1
STA 136+60 TO STA 139+61



87th St. (KEATING DRIVE) STAGE 1
STA 30+00 TO STA 33+40



83rd St. (MONTGOMERY DRIVE) STAGE 1
STA 50+00 TO STA 55+00

MAINTENANCE OF TRAFFIC NOTES:

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF PAVEMENT MARKING.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.
3. THE CONTRACTOR HAS THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT.
4. TEMPORARY CONCRETE BARRIER WALL SHALL BE PINNED WHEN A 3.5' CLEAR ZONE CANNOT BE PROVIDED FROM BEHIND THE WALL. PINNING, IF APPLICABLE, WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TEMPORARY BARRIER WALL.
5. IN ACCORDANCE WITH ARTICLE 701.08 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR MAY ONLY WORK ON ONE SIDE OF THE ROADWAY AT A TIME. THE CONTRACTOR SHALL DETERMINE THE CONSTRUCTION SEQUENCE AND WHICH SIDE, A OR B, OF THE ROAD TO CONSTRUCT.
6. TEMPORARY SOIL RETENTION METHODS TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

LEGEND:

- ① TEMPORARY PAVEMENT (SEE HMA MIXTURE REQUIREMENT TABLES FOR THICKNESS AND MATERIAL REQUIREMENTS)
- ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- ③ PAVEMENT MARKING (SEE NOTE 1)
- ④ EXISTING PAVEMENT MARKING
- ⑤ DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- ⑥ TEMPORARY CONCRETE BARRIER (SEE NOTE 4)
- ⑦ TEMPORARY SOIL RETENTION (SEE NOTE 6)
- ➔ DIRECTION OF TRAFFIC
- ▬ DOUBLE VERTICAL PANELS WITH BI-DIRECTIONAL LIGHTING @ 25' C-C
- ▨ PROPOSED PAVEMENT
- ▩ TEMPORARY PAVEMENT

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 Illinois Professional Design Firm
 #164-001322

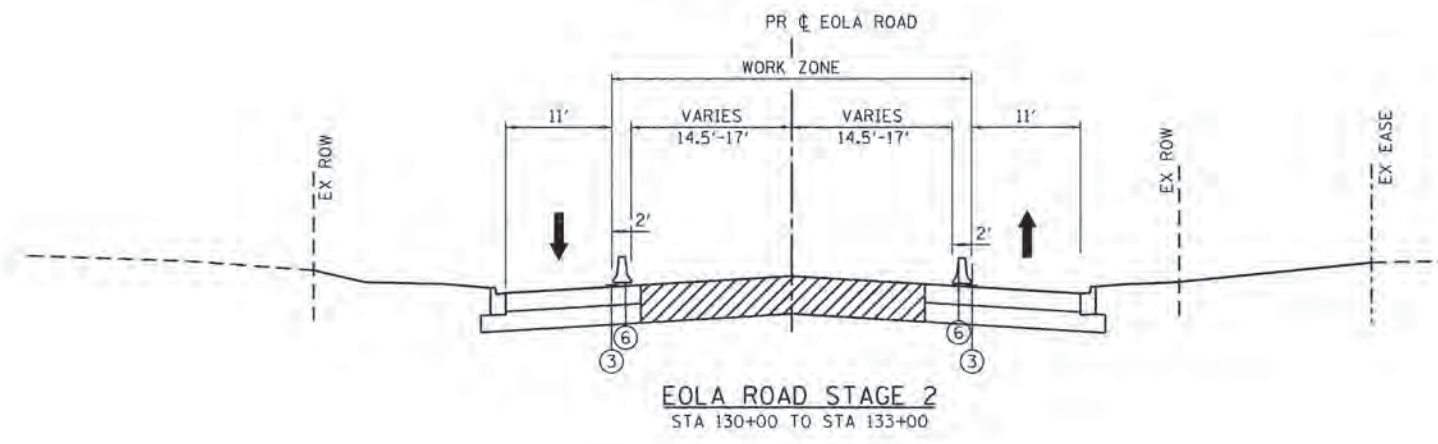
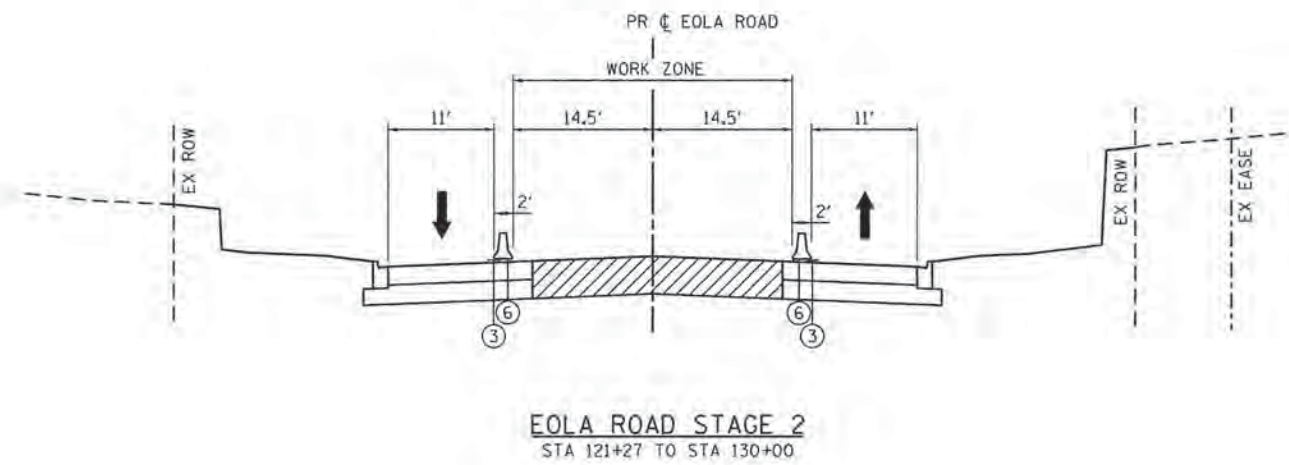
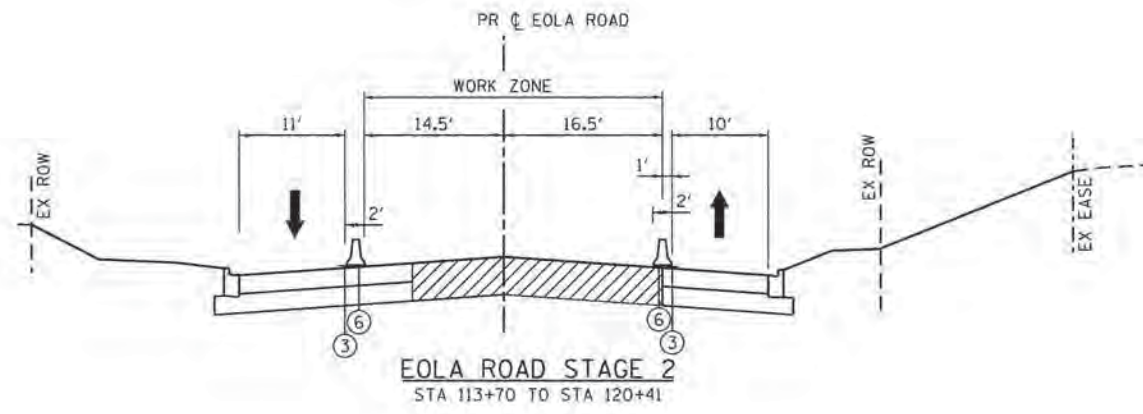
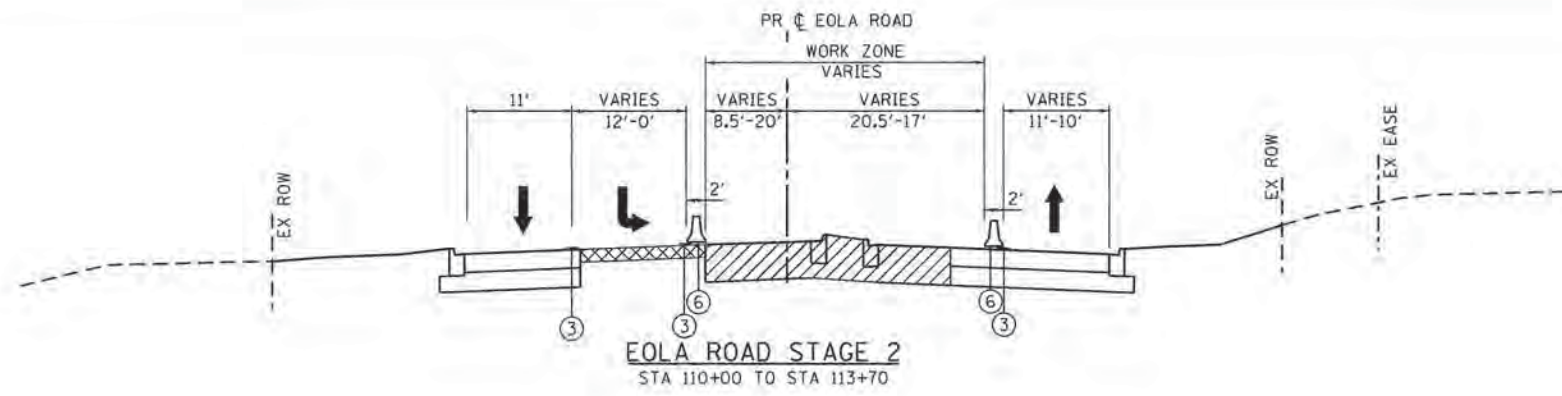
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 TYPICAL SECTIONS-STAGE 1**

SCALE: NTS SHEET NO. 3 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	40
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C06	



- MAINTENANCE OF TRAFFIC NOTES:**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF PAVEMENT MARKING.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.
 3. THE CONTRACTOR HAS THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT.
 4. TEMPORARY CONCRETE BARRIER WALL SHALL BE PINNED WHEN A 3.5' CLEAR ZONE CANNOT BE PROVIDED FROM BEHIND THE WALL. PINNING, IF APPLICABLE, WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TEMPORARY BARRIER WALL.
 5. IN ACCORDANCE WITH ARTICLE 701.08 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR MAY ONLY WORK ON ONE SIDE OF THE ROADWAY AT A TIME. THE CONTRACTOR SHALL DETERMINE THE CONSTRUCTION SEQUENCE AND WHICH SIDE, A OR B, OF THE ROAD TO CONSTRUCT.
 6. TEMPORARY SOIL RETENTION METHODS TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

- LEGEND:**
- ① TEMPORARY PAVEMENT (SEE HMA MIXTURE REQUIREMENT TABLES FOR THICKNESS AND MATERIAL REQUIREMENTS)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ⑥ TEMPORARY CONCRETE BARRIER (SEE NOTE 4)
 - ⑦ TEMPORARY SOIL RETENTION (SEE NOTE 6)
 - ➔ DIRECTION OF TRAFFIC
 - ⚡ DOUBLE VERTICAL PANELS WITH BI-DIRECTIONAL LIGHTING @ 25' C-C
 - ▨ PROPOSED PAVEMENT
 - ▩ TEMPORARY PAVEMENT

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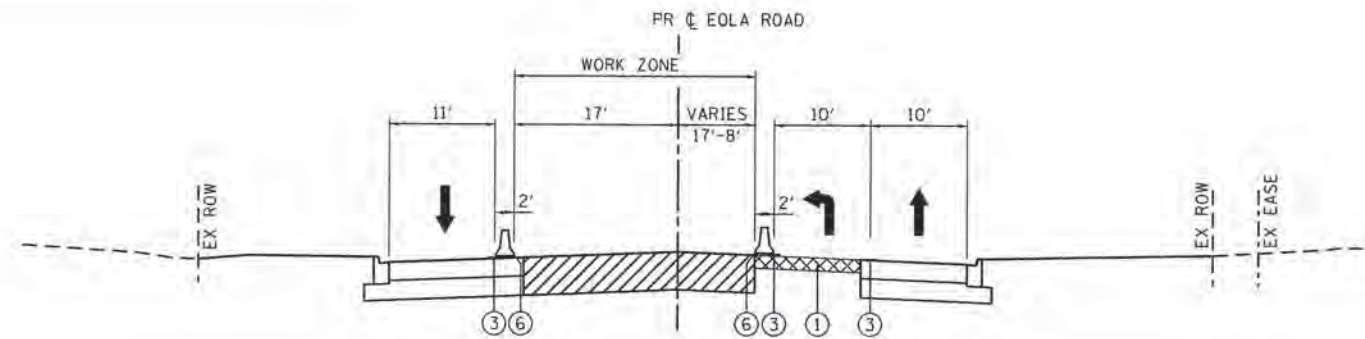
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

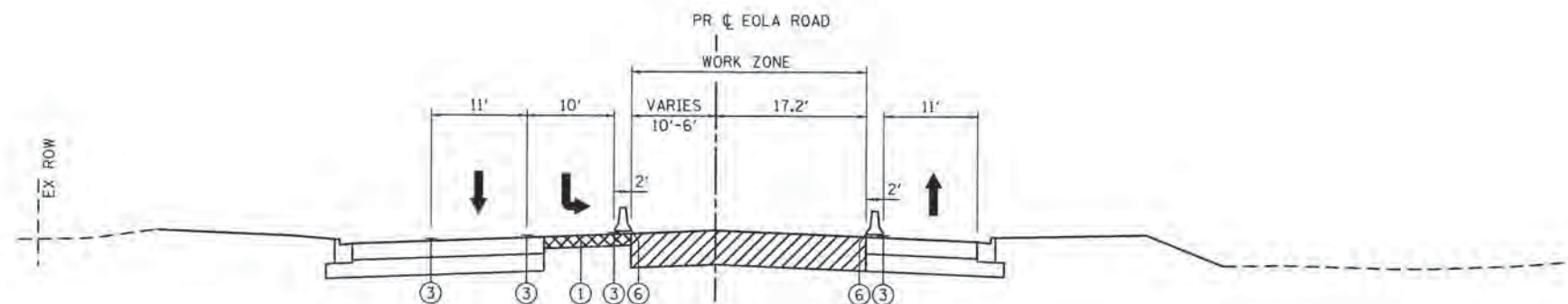
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 TYPICAL SECTIONS-STAGE 2**

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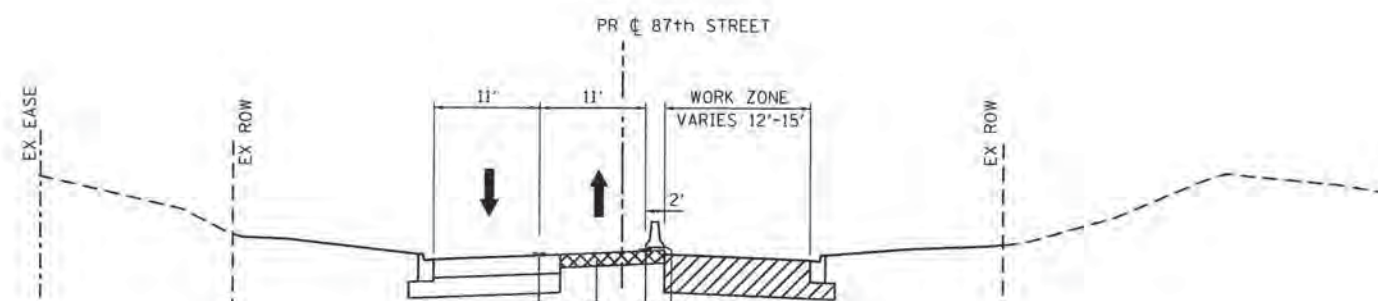
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FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



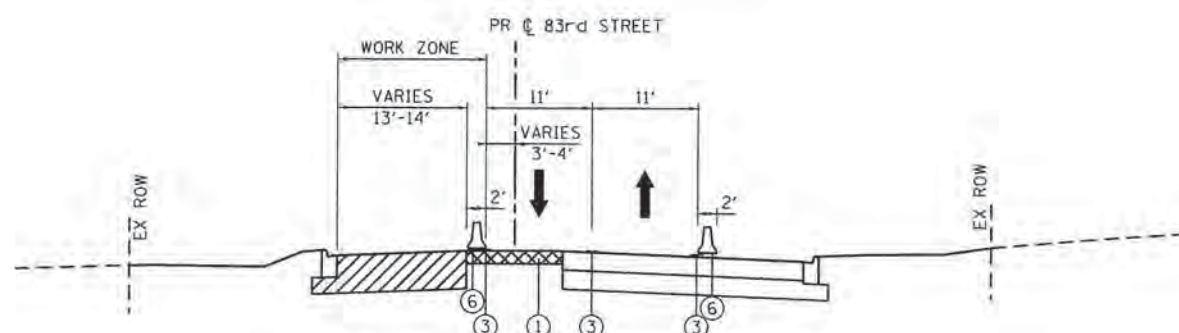
EOLA ROAD STAGE 2
STA 133+00 TO STA 135+55



EOLA ROAD STAGE 2
STA 136+60 TO STA 139+61



87th St. (KEATING DRIVE) STAGE 2
STA 30+00 TO STA 33+40



83rd St. (MONTGOMERY DRIVE) STAGE 2
STA 50+00 TO STA 55+00

MAINTENANCE OF TRAFFIC NOTES:

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF PAVEMENT MARKING.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.
3. THE CONTRACTOR HAS THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT.
4. TEMPORARY CONCRETE BARRIER WALL SHALL BE PINNED WHEN A 3.5' CLEAR ZONE CANNOT BE PROVIDED FROM BEHIND THE WALL. PINNING, IF APPLICABLE, WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TEMPORARY BARRIER WALL.
5. IN ACCORDANCE WITH ARTICLE 701.08 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR MAY ONLY WORK ON ONE SIDE OF THE ROADWAY AT A TIME. THE CONTRACTOR SHALL DETERMINE THE CONSTRUCTION SEQUENCE AND WHICH SIDE, A OR B, OF THE ROAD TO CONSTRUCT.
6. TEMPORARY SOIL RETENTION METHODS TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

LEGEND:

- ① TEMPORARY PAVEMENT (SEE HMA MIXTURE REQUIREMENT TABLES FOR THICKNESS AND MATERIAL REQUIREMENTS)
- ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- ③ PAVEMENT MARKING (SEE NOTE 1)
- ④ EXISTING PAVEMENT MARKING
- ⑤ DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- ⑥ TEMPORARY CONCRETE BARRIER (SEE NOTE 4)
- ⑦ TEMPORARY SOIL RETENTION (SEE NOTE 6)
- ➔ DIRECTION OF TRAFFIC
- DOUBLE VERTICAL PANELS WITH BI-DIRECTIONAL LIGHTING @ 25' C-C
- PROPOSED PAVEMENT
- TEMPORARY PAVEMENT

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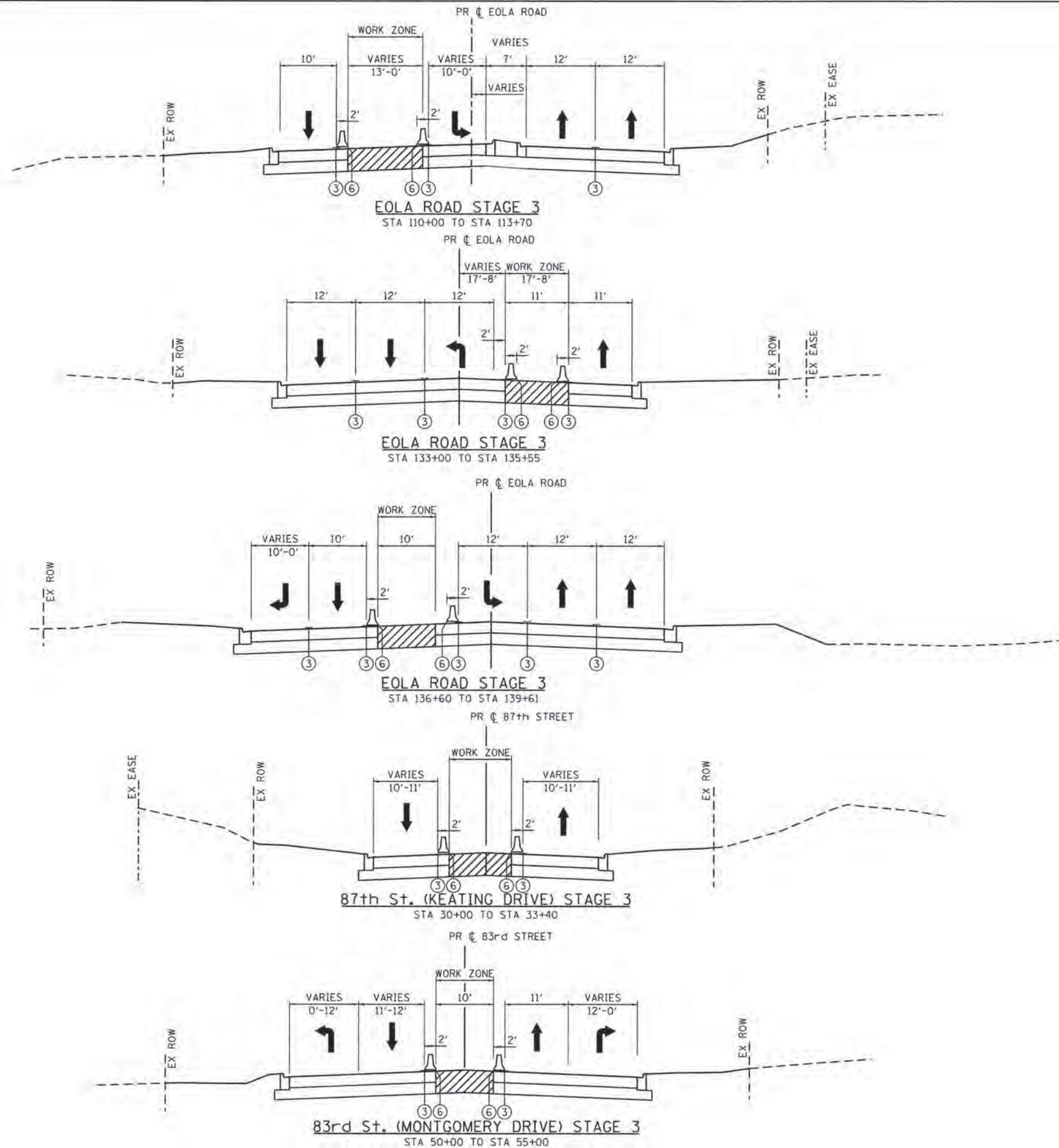
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
TYPICAL SECTIONS-STAGE 2**

SCALE: NTS SHEET NO. 5 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	42
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



MAINTENANCE OF TRAFFIC NOTES:

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF PAVEMENT MARKING.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.
3. THE CONTRACTOR HAS THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT.
4. TEMPORARY CONCRETE BARRIER WALL SHALL BE PINNED WHEN A 3.5' CLEAR ZONE CANNOT BE PROVIDED FROM BEHIND THE WALL. PINNING, IF APPLICABLE, WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TEMPORARY BARRIER WALL.
5. IN ACCORDANCE WITH ARTICLE 701.08 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR MAY ONLY WORK ON ONE SIDE OF THE ROADWAY AT A TIME. THE CONTRACTOR SHALL DETERMINE THE CONSTRUCTION SEQUENCE AND WHICH SIDE, A OR B, OF THE ROAD TO CONSTRUCT.
6. TEMPORARY SOIL RETENTION METHODS TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

LEGEND:

- ① TEMPORARY PAVEMENT (SEE HMA MIXTURE REQUIREMENT TABLES FOR THICKNESS AND MATERIAL REQUIREMENTS)
- ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- ③ PAVEMENT MARKING (SEE NOTE 1)
- ④ EXISTING PAVEMENT MARKING
- ⑤ DOUBLE VERTICAL PANELS WITH STEADY BURNING BI-DIRECTIONAL LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 20 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- ⑥ TEMPORARY CONCRETE BARRIER (SEE NOTE 4)
- ⑦ TEMPORARY SOIL RETENTION (SEE NOTE 6)
- ➔ DIRECTION OF TRAFFIC
- ⚡ DOUBLE VERTICAL PANELS WITH BI-DIRECTIONAL LIGHTING @ 25' C-C
- ▨ PROPOSED PAVEMENT
- ▩ TEMPORARY PAVEMENT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
TYPICAL SECTIONS-STAGE 3

SCALE: NTS SHEET NO. 6 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	43
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO.	61C06

IMPROVEMENT BEGINS
STA 104+95.00

CL EOLA ROAD STA 109+00.00
CL 87TH STREET STA 31+73.68

SEE 87TH STREET

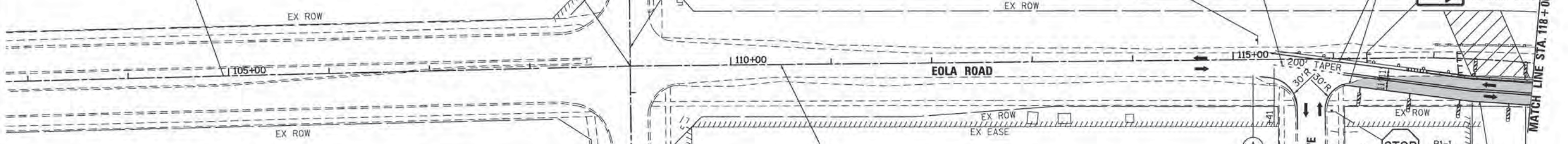
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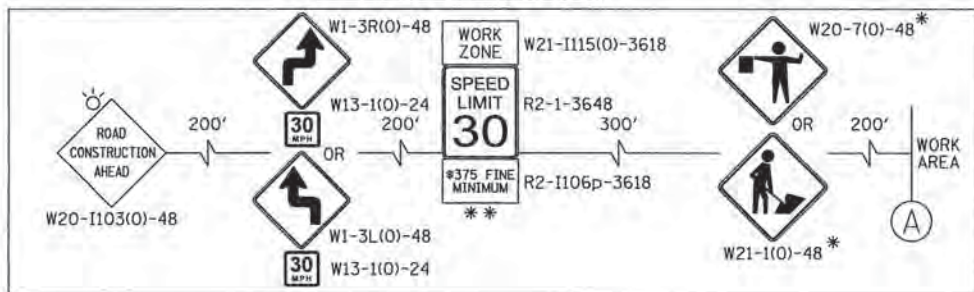
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MATCH LINE STA. 118+00



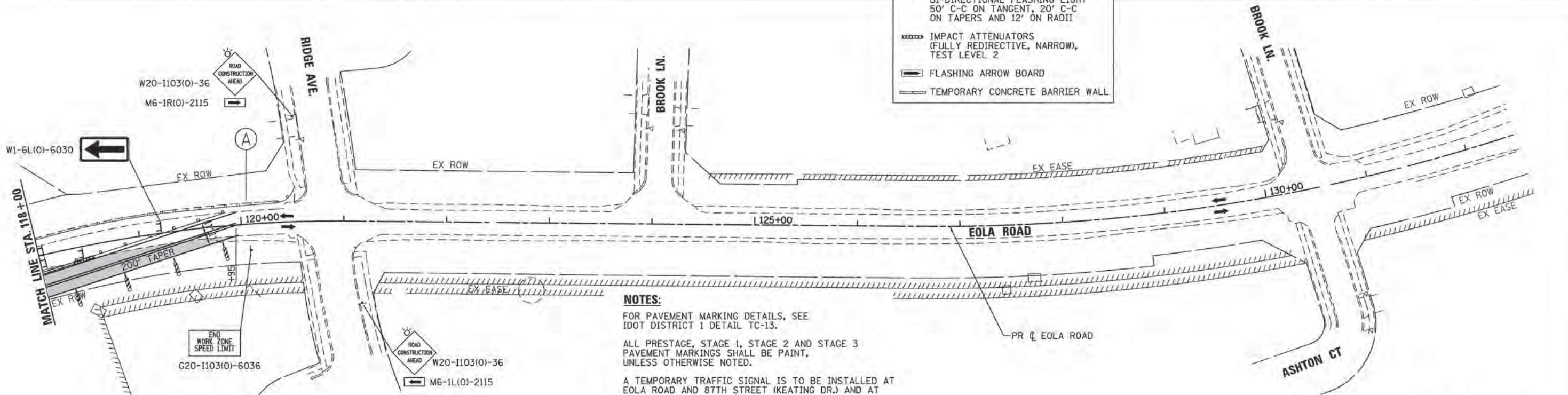
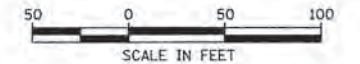
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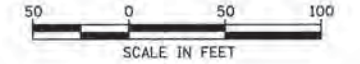
- ▨ WORK ZONE
- ▨ TEMPORARY PAVEMENT
- ➔ DIRECTION OF TRAFFIC
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ⊥ MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL FLASHING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ▨ IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- ▨ FLASHING ARROW BOARD
- ▨ TEMPORARY CONCRETE BARRIER WALL

SIDE ROAD AND INTERSECTION TRAFFIC CONTROL PER DISTRICT 1 DETAIL TC-10



NOTES:

- FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
- ALL PRESTAGE, STAGE 1, STAGE 2 AND STAGE 3 PAVEMENT MARKINGS SHALL BE PAINT, UNLESS OTHERWISE NOTED.
- A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT EOLA ROAD AND 87TH STREET (KEATING DR.) AND AT EOLA ROAD AND 83RD STREET (MONTGOMERY RD.), SEE TEMPORARY SIGNAL PLANS FOR DETAILS.
- * SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS ARE NOT PRESENT.
- ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.
- SEE SHEET C-2 OF CULVERT PLANS FOR PRESTAGE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS.



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CHECKED -
DATE -

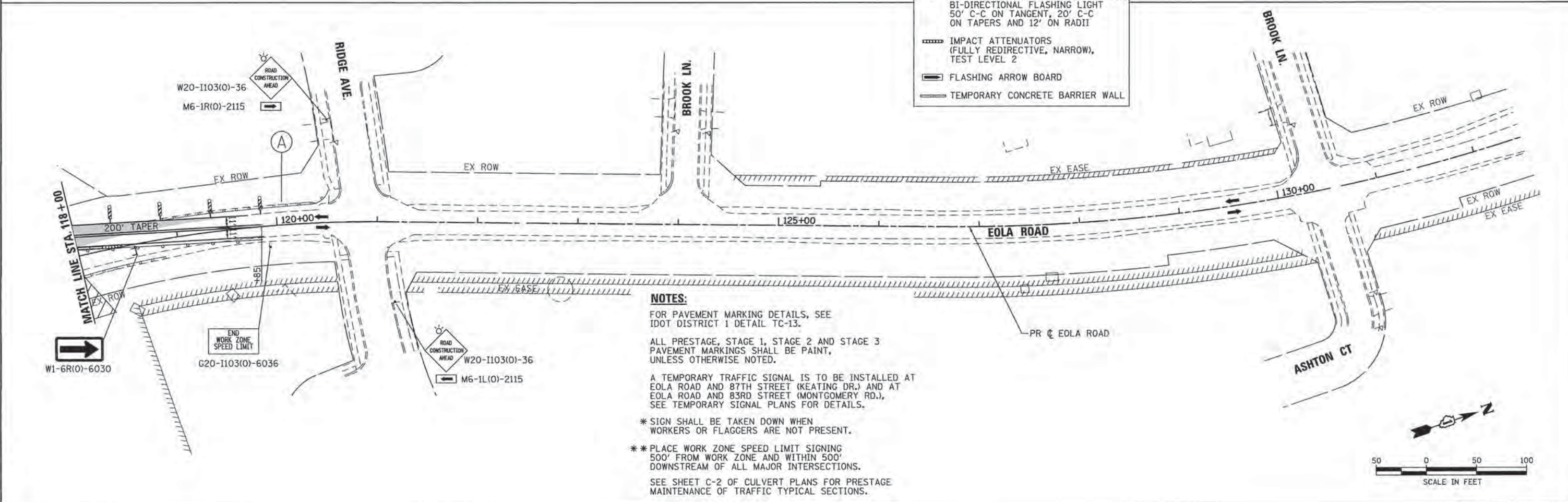
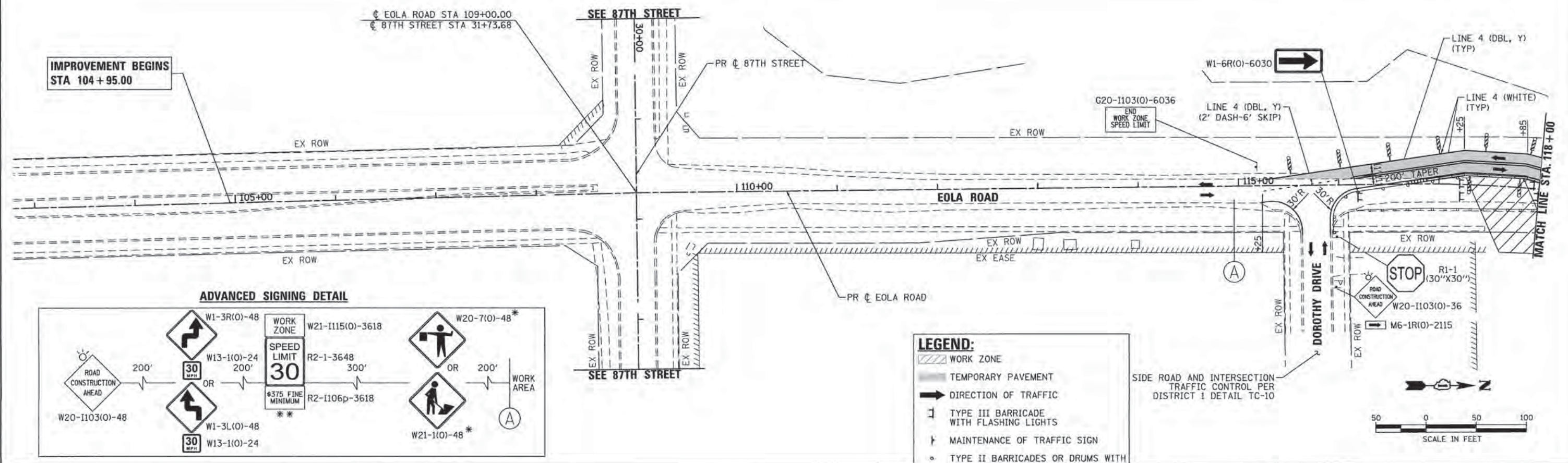
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - PRESTAGE 1
EOLA ROAD

SCALE: 1" = 50' SHEET NO. 7 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	44
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 61C06



NOTES:
 FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
 ALL PRESTAGE, STAGE 1, STAGE 2 AND STAGE 3 PAVEMENT MARKINGS SHALL BE PAINT, UNLESS OTHERWISE NOTED.
 A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT EOLA ROAD AND 87TH STREET (KEATING DR.) AND AT EOLA ROAD AND 83RD STREET (MONTGOMERY RD.), SEE TEMPORARY SIGNAL PLANS FOR DETAILS.
 * SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS ARE NOT PRESENT.
 ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.
 SEE SHEET C-2 OF CULVERT PLANS FOR PRESTAGE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS.

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: HRGreen
 DATE PLOTTED: 11/11/2015 10:46:28 AM
 FILE: 86130384-aht-motpre2-01.dgn
 PLOT SCALE: 1" = 50'
 PLOT DATE: 11/11/2015



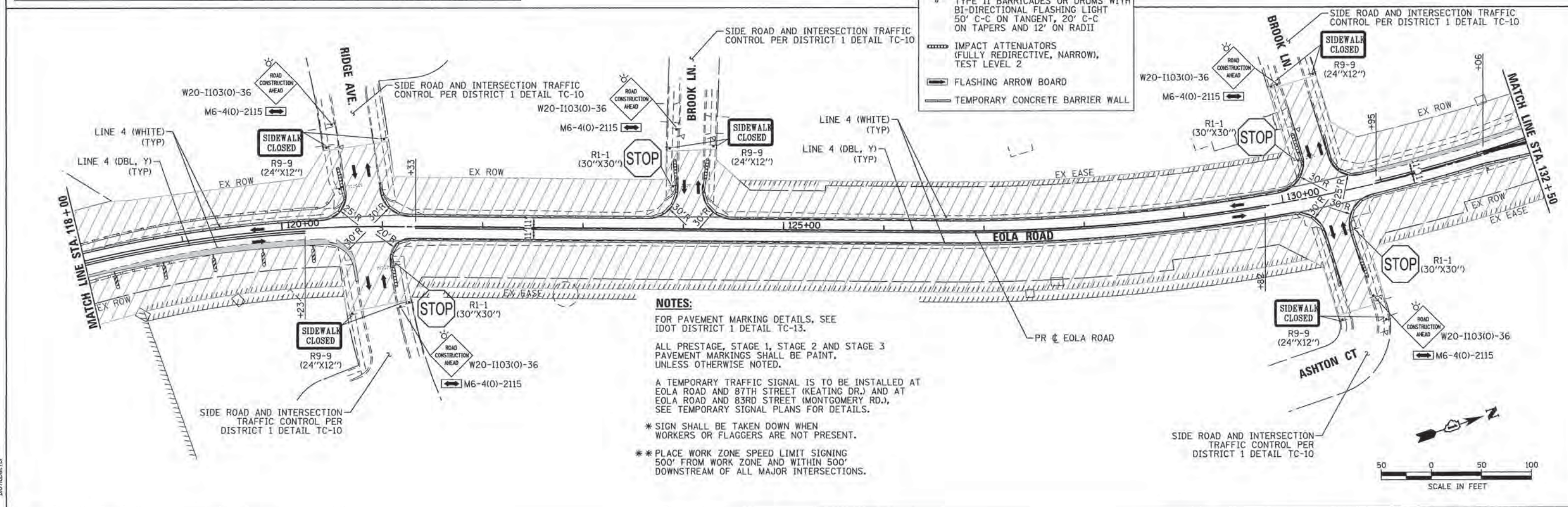
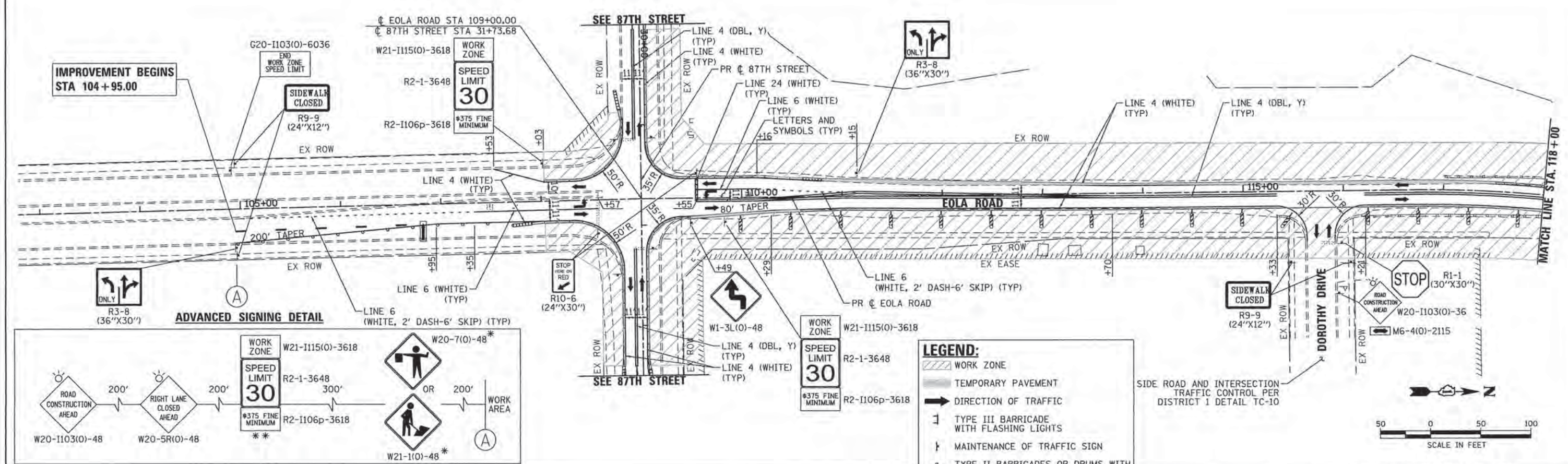
USER NAME = dstencz	DESIGNED -	REVISED -
FILE NAME = 86130384-aht-motpre2-01.dgn	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 11/11/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - PRESTAGE 2
 EOLA ROAD**

SCALE: 1" = 50' SHEET NO. 8 OF 17 SHEETS STA. TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 45
CONTRACT NO. 61C06			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



NOTES:

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

ALL PRESTAGE, STAGE 1, STAGE 2 AND STAGE 3 PAVEMENT MARKINGS SHALL BE PAINT, UNLESS OTHERWISE NOTED.

A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT EOLA ROAD AND 87TH STREET (KEATING DR.) AND AT EOLA ROAD AND 83RD STREET (MONTGOMERY RD.), SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

* SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS 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
 CLIENT: HRGreen
 DATE PLOTTED: 11/11/2015 10:46:29 AM
 FILE NAME: 86130384-sht-mo11-01-eola.dgn
 PLOT DRIVER: IL_dpf_bkwhfctq
 PEN TABLE: plottable.tbl

HRGreen
 Illinois Professional Design Firm
 #194-001322

USER NAME = dstehoz	DESIGNED - -	REVISED - -
FILE NAME = 86130384-sht-mo11-01-eola.dgn	DRAWN - -	REVISED - -
PLOT SCALE = 1" = 50'	CHECKED - -	REVISED - -
PLOT DATE = 11/11/2015	DATE - -	REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

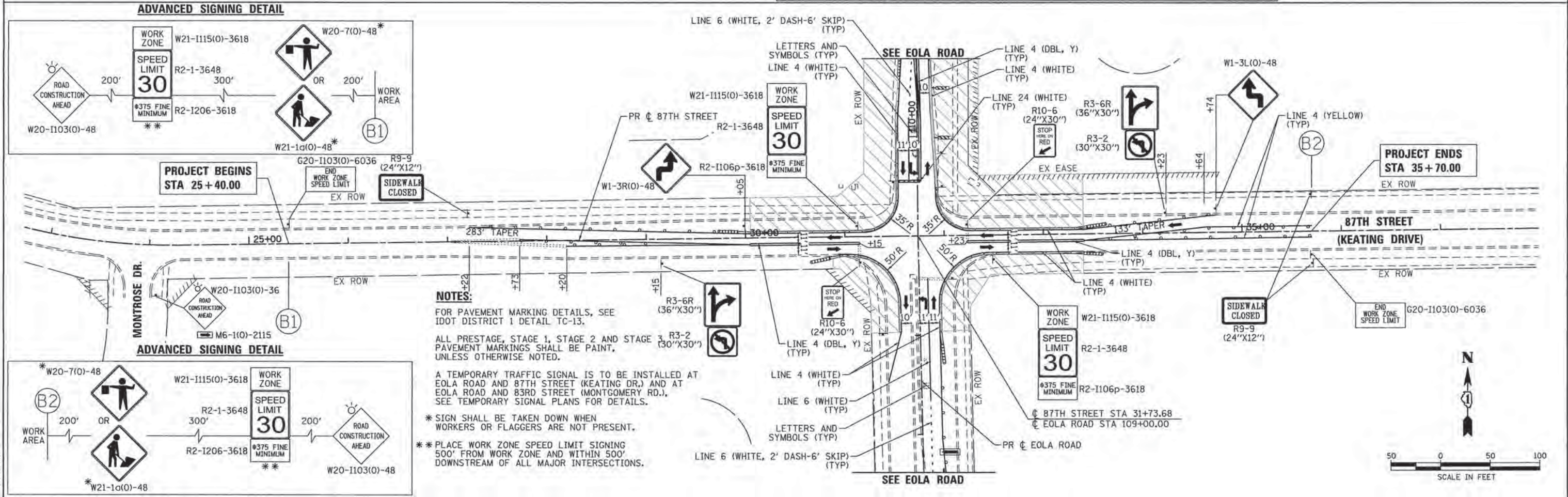
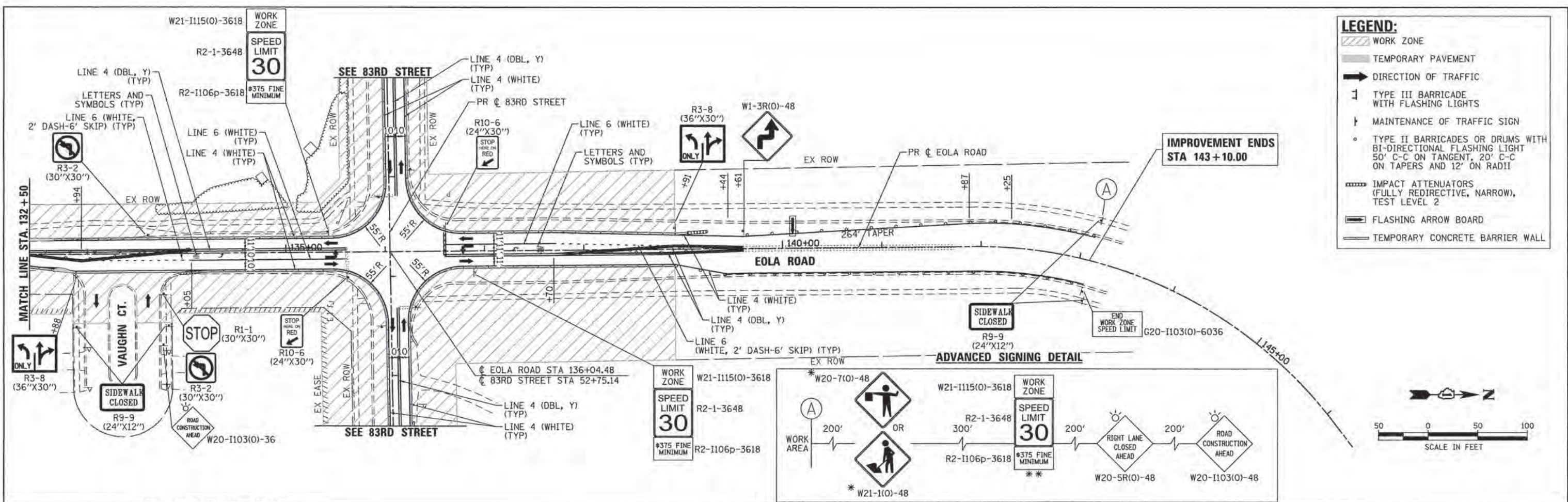
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
 EOLA ROAD**

SCALE: 1" = 50' SHEET NO. 9 OF 17 SHEETS STA. BEG TO STA. 132+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	46
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND:

- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE WITH FLASHING LIGHTS
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL FLASHING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW, TEST LEVEL 2)
- FLASHING ARROW BOARD
- TEMPORARY CONCRETE BARRIER WALL



NOTES:

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

ALL PRESTAGE, STAGE 1, STAGE 2 AND STAGE 3 PAVEMENT MARKINGS SHALL BE PAINT, UNLESS OTHERWISE NOTED.

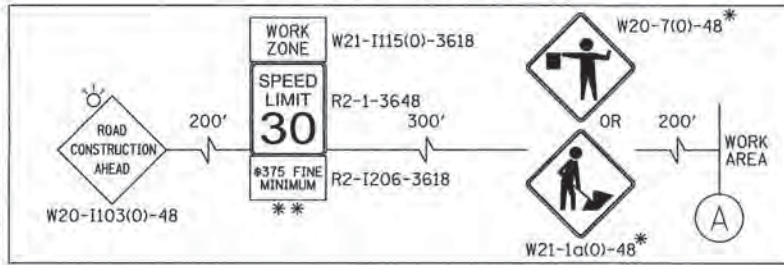
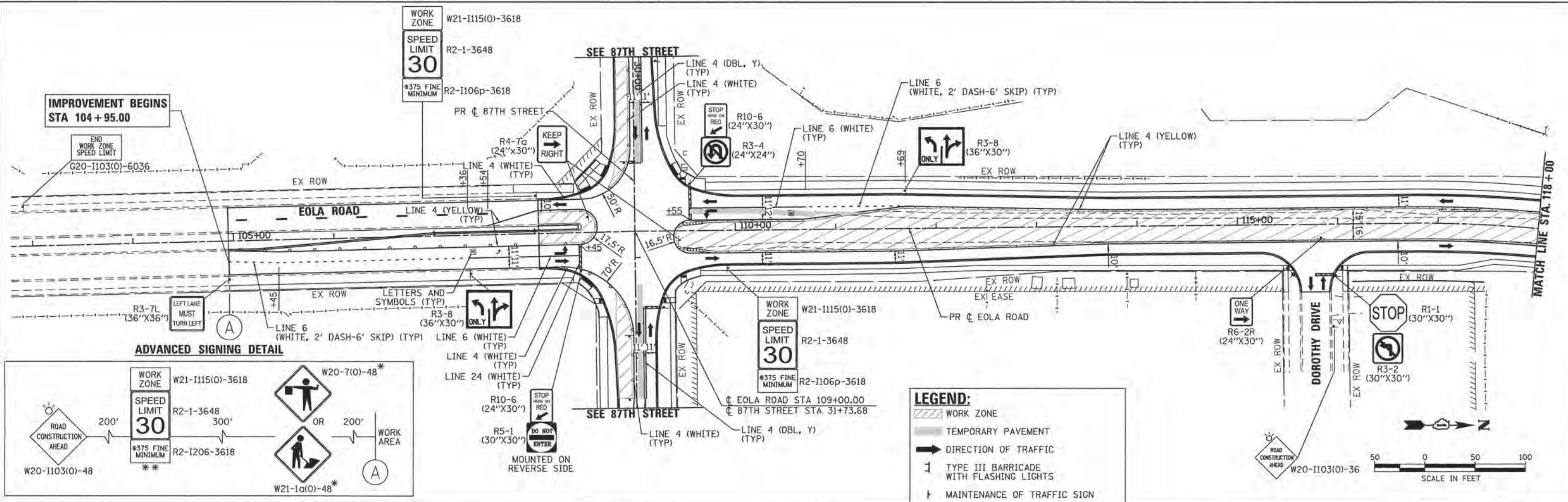
A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT EOLA ROAD AND 87TH STREET (KEATING DR.) AND AT EOLA ROAD AND 83RD STREET (MONTGOMERY RD.). SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

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

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

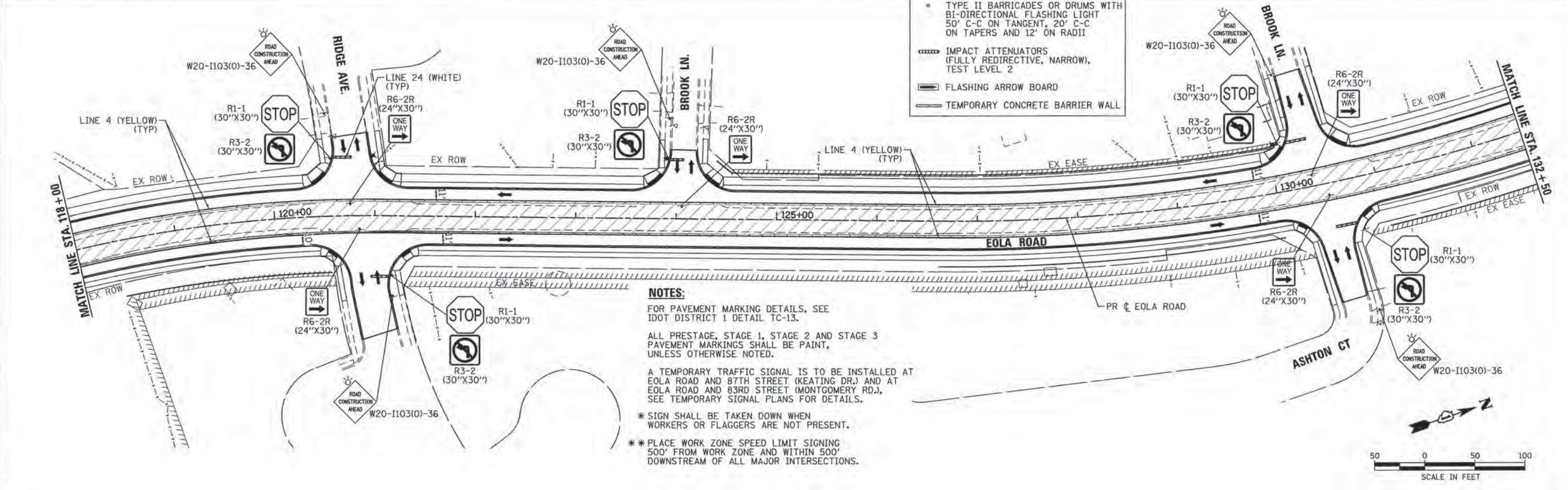
COMPANY NAME: HRGreen
 PROJECT CONTACT: J. STANON
 CLIENT: STATE OF ILLINOIS
 DATE PLOTTED: 11/11/2015 11:46:31 AM
 FILE NAME: 86130384-sht-motl-02-eola87th.dgn
 PLOT DRIVER: J. STANON
 PLOT TABLE: 1

HRGreen.com Illinois Professional Design Firm # 194-001322	USER NAME = jstanon FILE NAME = 86130384-sht-motl-02-eola87th.dgn PLOT SCALE = 1" = 50' PLOT DATE = 11/11/2015	DESIGNED - JS DRAWN - JCH CHECKED - DATE - 11/11/15	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1 EOLA ROAD/87TH STREET (KEATING DRIVE) SCALE: 1" = 50' SHEET NO. 10 OF 17 SHEETS STA. TO STA.	F.A.U. RTE. 2531 SECTION 10-00292-00-WR COUNTY DUPAGE TOTAL SHEETS 229 SHEET NO. 47 CONTRACT NO. 61C06 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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LEGEND:

- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE WITH FLASHING LIGHTS
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL FLASHING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- FLASHING ARROW BOARD
- TEMPORARY CONCRETE BARRIER WALL



NOTES:

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

ALL PRESTAGE, STAGE 1, STAGE 2 AND STAGE 3 PAVEMENT MARKINGS SHALL BE PAINT, UNLESS OTHERWISE NOTED.

A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT EOLA ROAD AND 87TH STREET (KEATING DR.) AND AT EOLA ROAD AND 83RD STREET (MONTGOMERY RD.), SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

* SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS 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: dstonez
 CLIENT: HRGreen
 DATE PLOTTED: 11/11/2015 10:44:35 AM
 FILE NAME: 86130384-sht-mo12-01-eola.dgn
 PLOT DRIVER: JL.DOT.DWG.PLOTTER
 PEN TABLE: 000-Hobol.tbl



USER NAME = dstonez	DESIGNED -	REVISED -
FILE NAME = 86130384-sht-mo12-01-eola.dgn	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 11/11/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

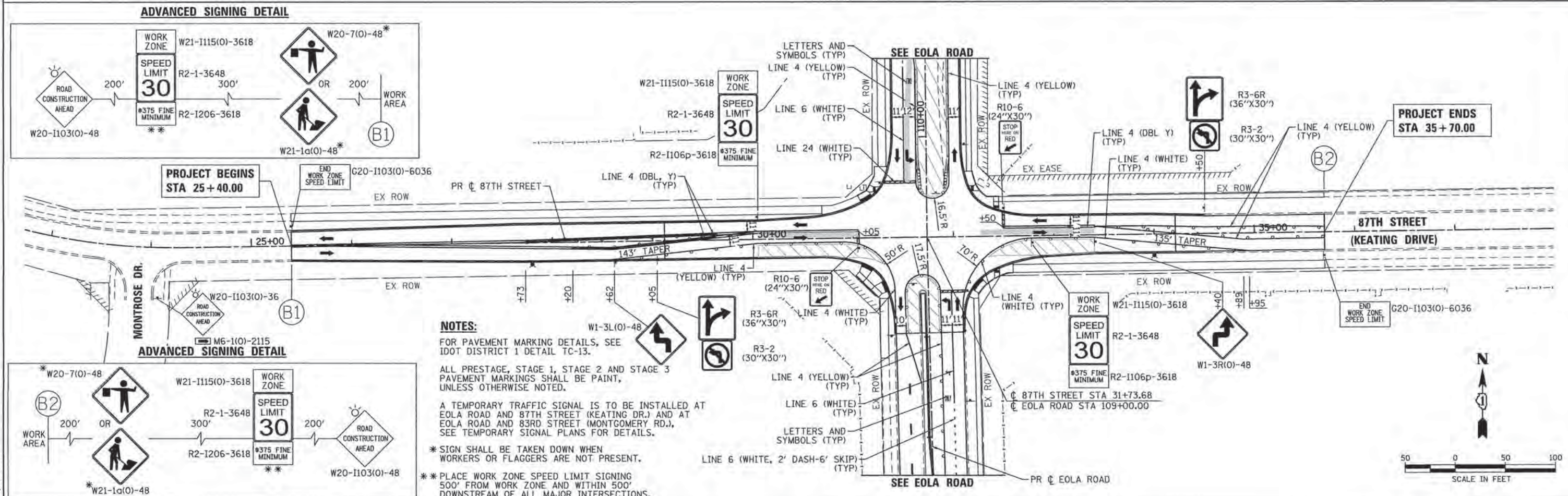
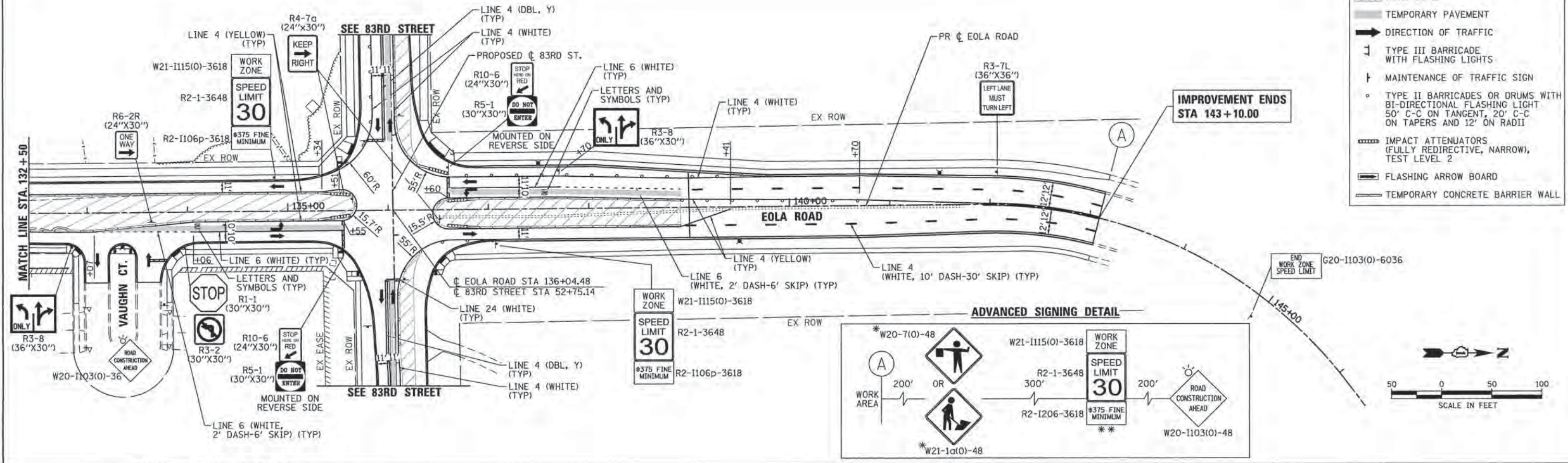
SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
EOLA ROAD

SCALE: 1" = 50' SHEET NO. 12 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	49
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND:

- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE WITH FLASHING LIGHTS
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL FLASHING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- FLASHING ARROW BOARD
- TEMPORARY CONCRETE BARRIER WALL



NOTES:

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

ALL PRESTAGE, STAGE 1, STAGE 2 AND STAGE 3 PAVEMENT MARKINGS SHALL BE PAINT, UNLESS OTHERWISE NOTED.

A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT EOLA ROAD AND 87TH STREET (KEATING DR.) AND AT EOLA ROAD AND 83RD STREET (MONTGOMERY RD.). SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

* SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS 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
 CLIENT: HRGreen
 DATE PLOTTED: 11/11/2015 11:43:37 AM
 FILE NAME: 86130384-sht-mot2-02-eola87th.dgn
 PLOT DRIVER: IL_dor...
 PEN TABLE: p...tbl

USER NAME	= dstanov
FILE NAME	= 86130384-sht-mot2-02-eola87th
PLOT SCALE	= 1" = 50'
PLOT DATE	= 11/11/2015

DESIGNED	= JS
DRAWN	= JCH
CHECKED	=
DATE	= 11/11/15

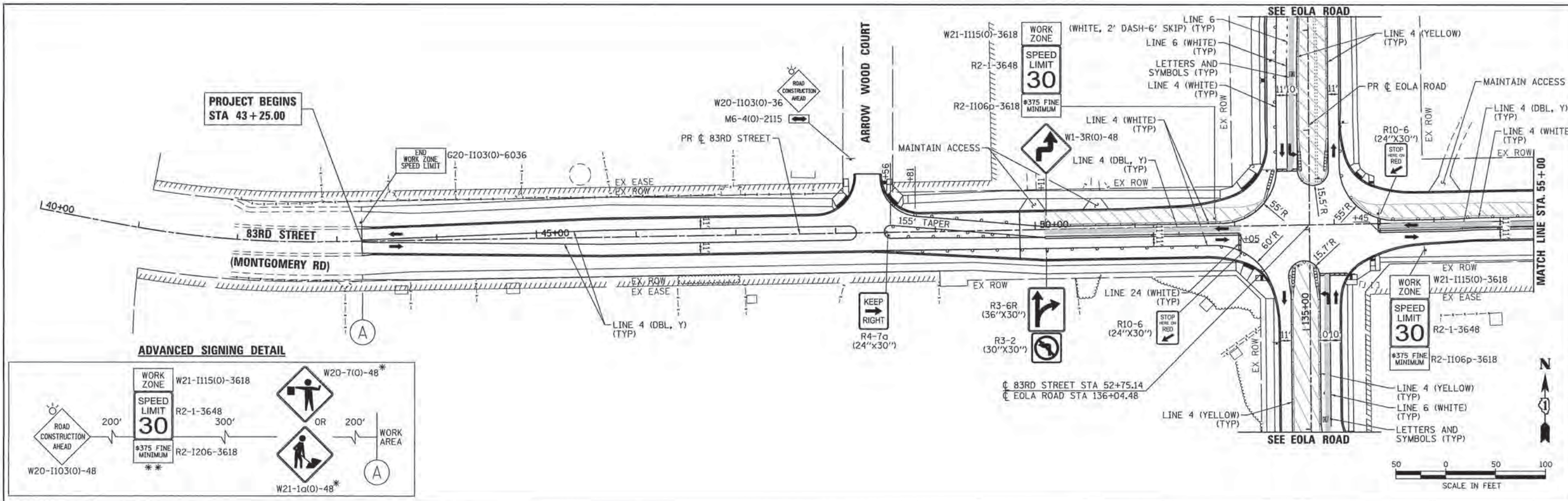
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REVISED	=
REVISED	=

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

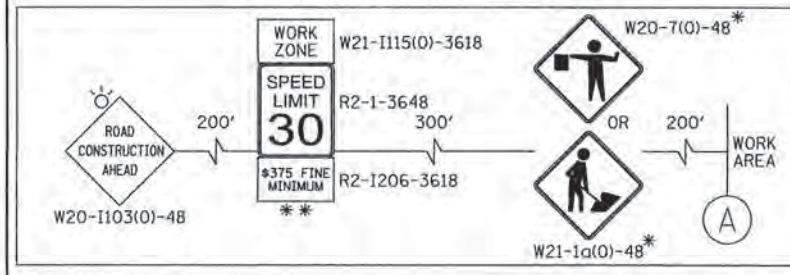
SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
 EOLA ROAD/87TH STREET (KEATING DRIVE)

SCALE: 1" = 50' SHEET NO. 13 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	50
CONTRACT NO.			61C06	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



ADVANCED SIGNING DETAIL



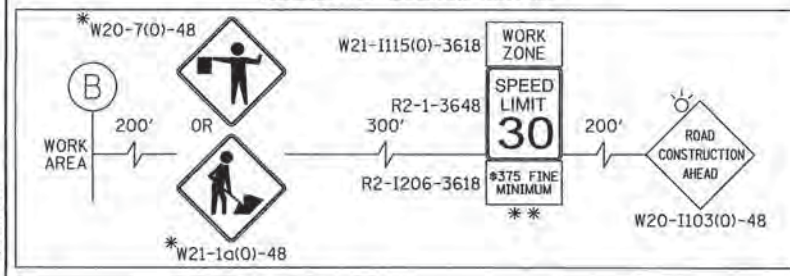
NOTES:

- FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.
- ALL PRESTAGE, STAGE 1, STAGE 2 AND STAGE 3 PAVEMENT MARKINGS SHALL BE PAINT, UNLESS OTHERWISE NOTED.
- A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT EOLA ROAD AND 87TH STREET (KEATING DR.) AND AT EOLA ROAD AND 83RD STREET (MONTGOMERY RD.), SEE TEMPORARY SIGNAL PLANS FOR DETAILS.
- * SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS ARE NOT PRESENT.
- ** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.

LEGEND:

- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE WITH FLASHING LIGHTS
- MAINTENANCE OF TRAFFIC SIGN
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL FLASHING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW, TEST LEVEL 2)
- FLASHING ARROW BOARD
- TEMPORARY CONCRETE BARRIER WALL

ADVANCED SIGNING DETAIL



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: [Redacted]
 CLIENT: [Redacted]
 FILE NAME: [Redacted]
 PLOT DATE: 11/11/2015

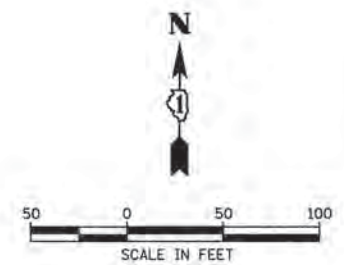


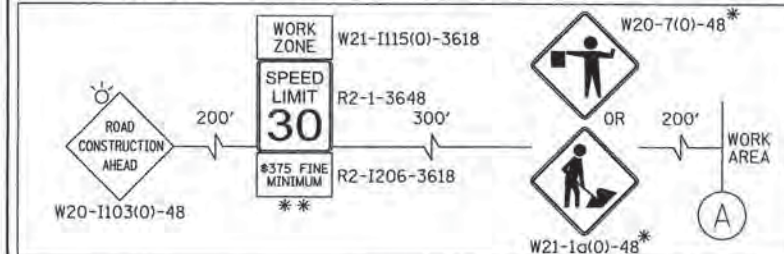
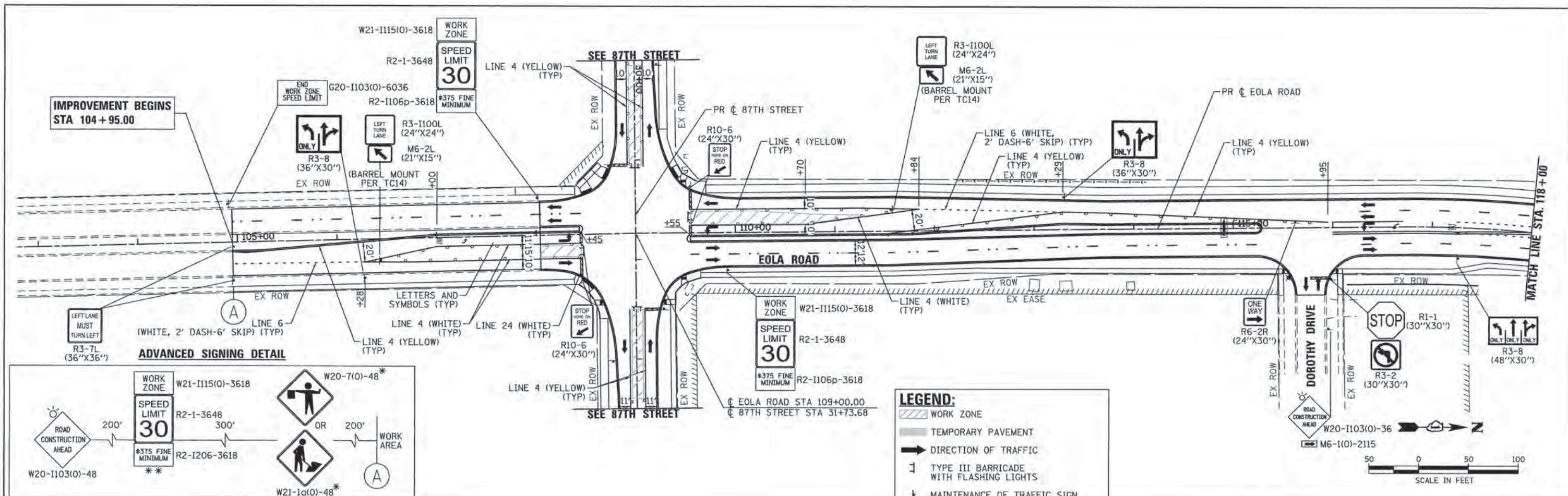
USER NAME = dstantz	DESIGNED - JS	REVISED -
FILE NAME = 86130384-sht-mot2-83-83-d	DRAWN - JCH	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 11/11/2015	DATE - 11/11/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

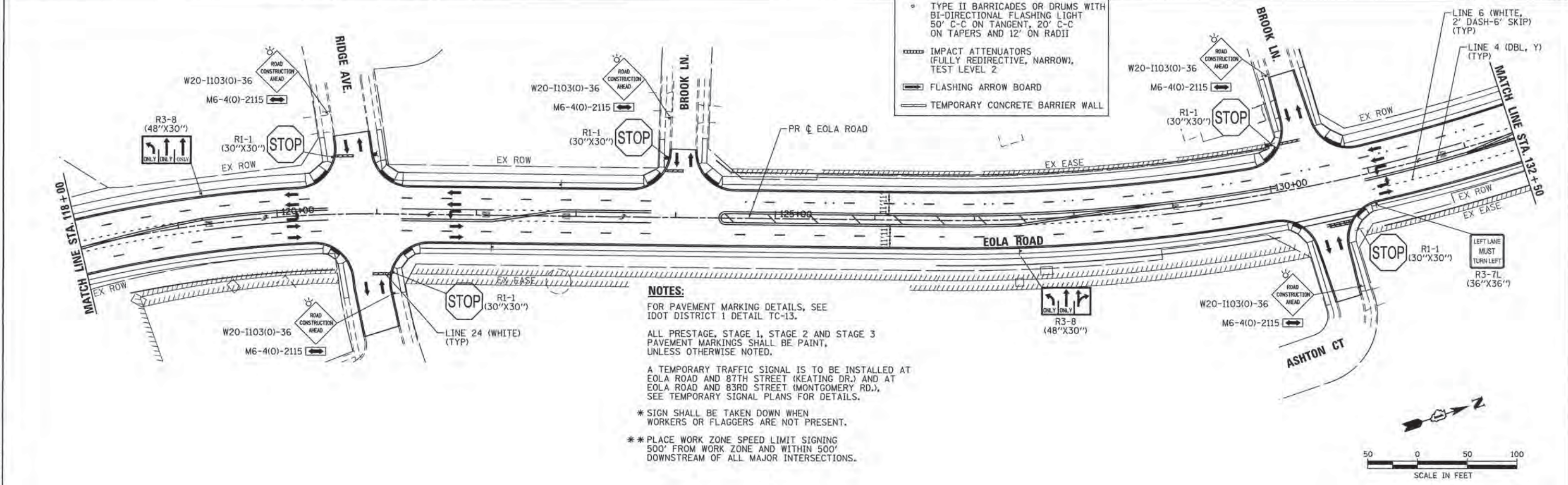
SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
83RD STREET (MONTGOMERY ROAD)
 SCALE: 1" = 50' SHEET NO. 14 OF 17 SHEETS STA. TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 51
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		CONTRACT NO. 61C06





- LEGEND:**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - DIRECTION OF TRAFFIC
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - MAINTENANCE OF TRAFFIC SIGN
 - TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL FLASHING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
 - IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
 - FLASHING ARROW BOARD
 - TEMPORARY CONCRETE BARRIER WALL



NOTES:

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

ALL PRESTAGE, STAGE 1, STAGE 2 AND STAGE 3 PAVEMENT MARKINGS SHALL BE PAINT, UNLESS OTHERWISE NOTED.

A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT EOLA ROAD AND 87TH STREET (KEATING DR.) AND AT EOLA ROAD AND 83RD STREET (MONTGOMERY RD.), SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

* SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS 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: #PROJECT CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 11/11/2015 10:44 AM
 FILE NAME: 86130384-sht-mot3-01-eola.dgn
 PLOT DRIVER: JL.pdf.plt
 PEN TABLE: plot100.ctb



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FILE NAME = 86130384-sht-mot3-01-eola.dgn	DRAWN -	REVISED -
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PLOT DATE = 11/11/2015	DATE -	REVISED -

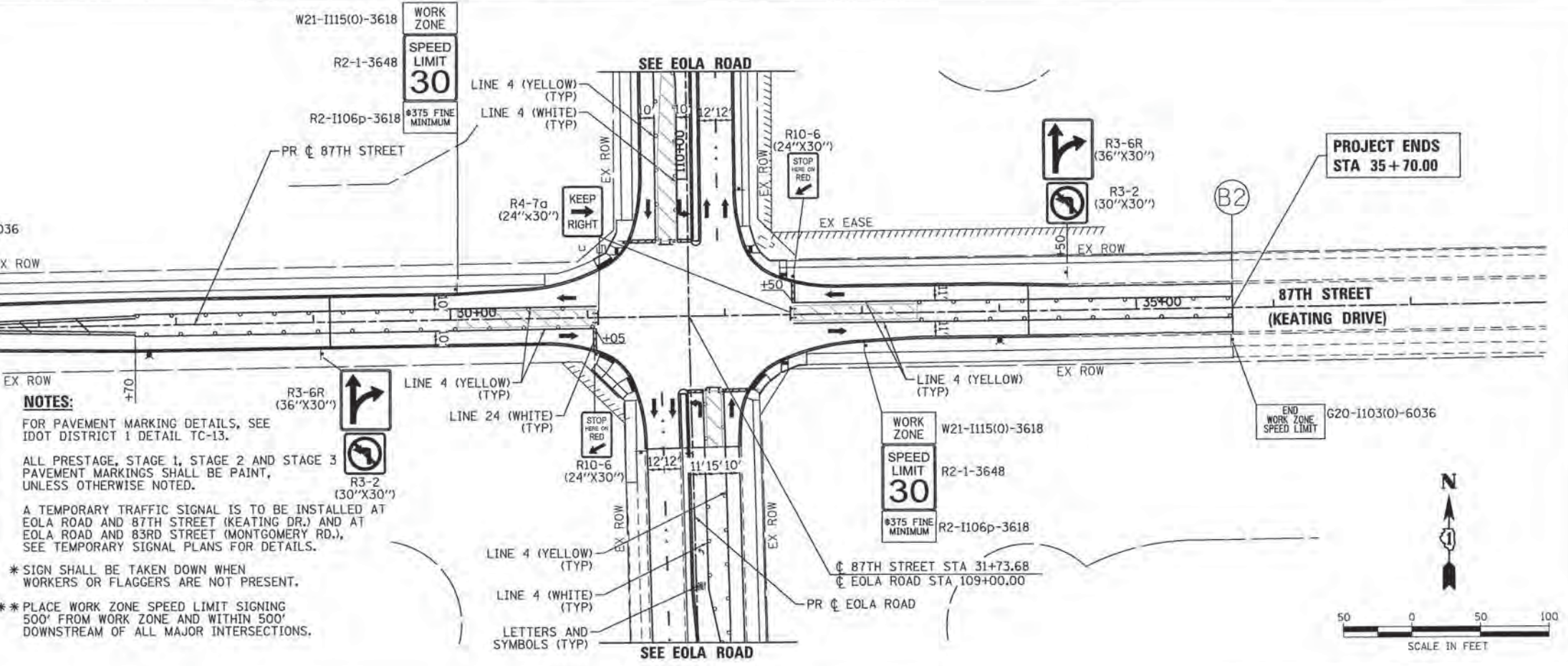
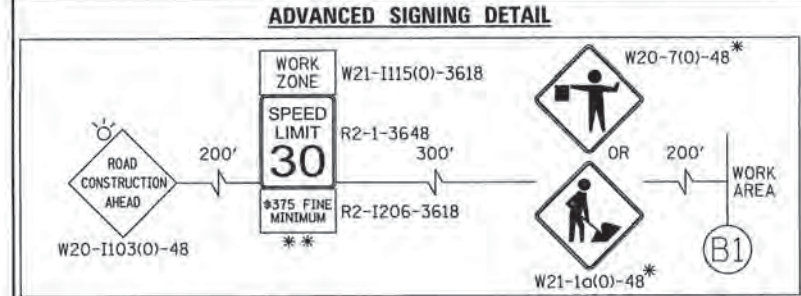
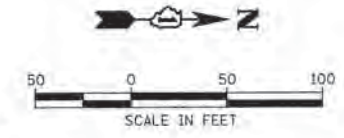
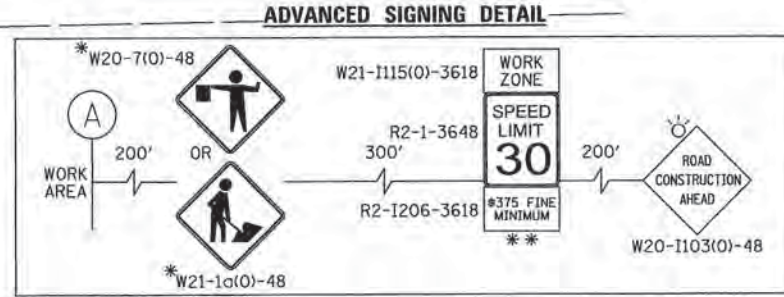
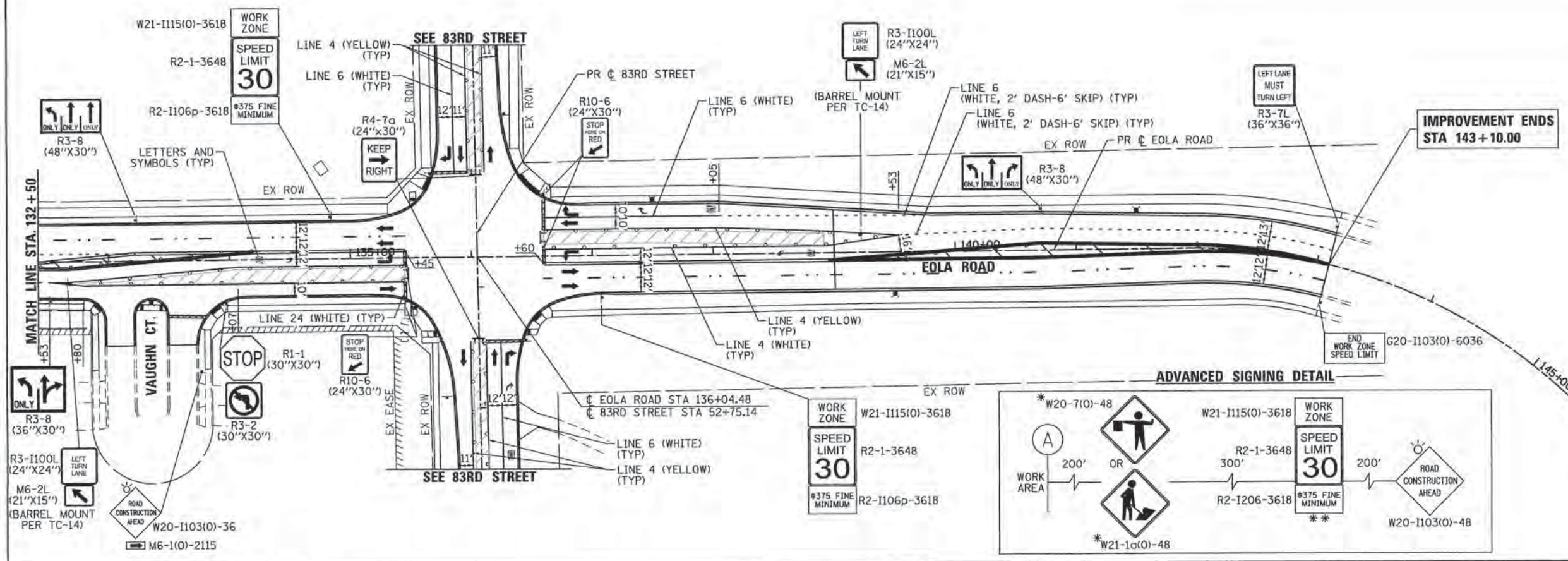
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
 EOLA ROAD

SCALE: 1" = 50' SHEET NO. 15 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	52
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61C06	

- LEGEND:**
- WORK ZONE
 - TEMPORARY PAVEMENT
 - DIRECTION OF TRAFFIC
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - MAINTENANCE OF TRAFFIC SIGN
 - TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL FLASHING LIGHT 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADI
 - IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
 - FLASHING ARROW BOARD
 - TEMPORARY CONCRETE BARRIER WALL



NOTES:

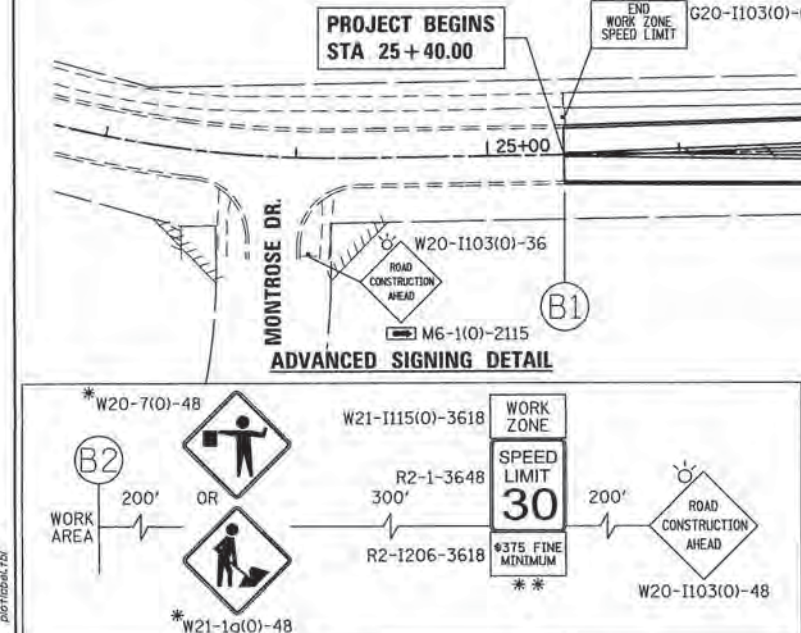
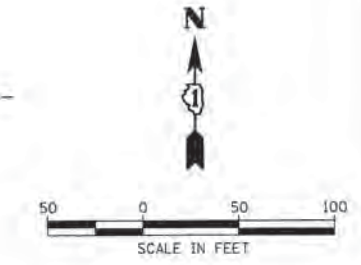
FOR PAVEMENT MARKING DETAILS, SEE IDOT DISTRICT 1 DETAIL TC-13.

ALL PRESTAGE, STAGE 1, STAGE 2 AND STAGE 3 PAVEMENT MARKINGS SHALL BE PAINT, UNLESS OTHERWISE NOTED.

A TEMPORARY TRAFFIC SIGNAL IS TO BE INSTALLED AT EOLA ROAD AND 87TH STREET (KEATING DR.) AND AT EOLA ROAD AND 83RD STREET (MONTGOMERY RD.), SEE TEMPORARY SIGNAL PLANS FOR DETAILS.

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

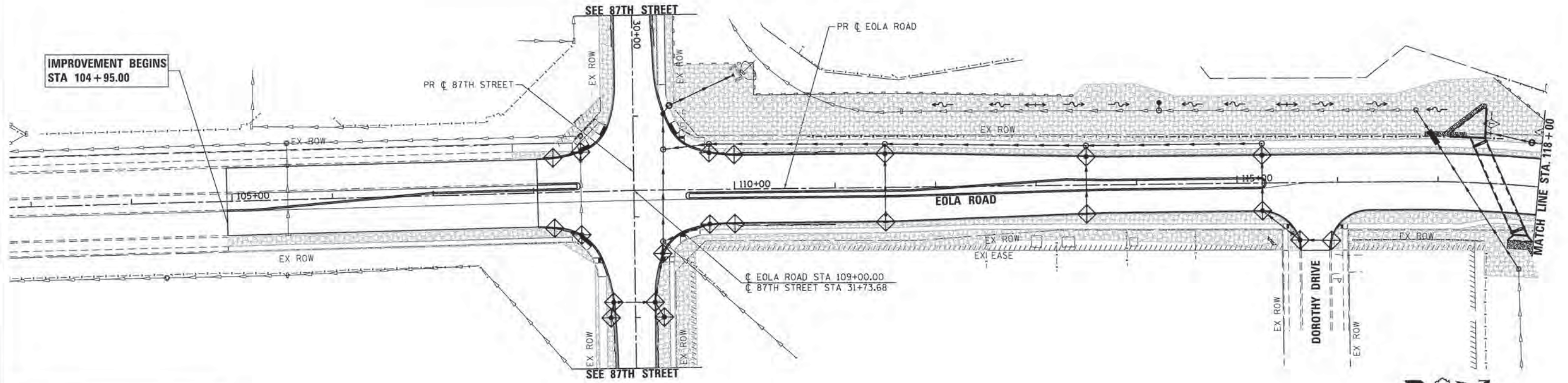
** PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS.



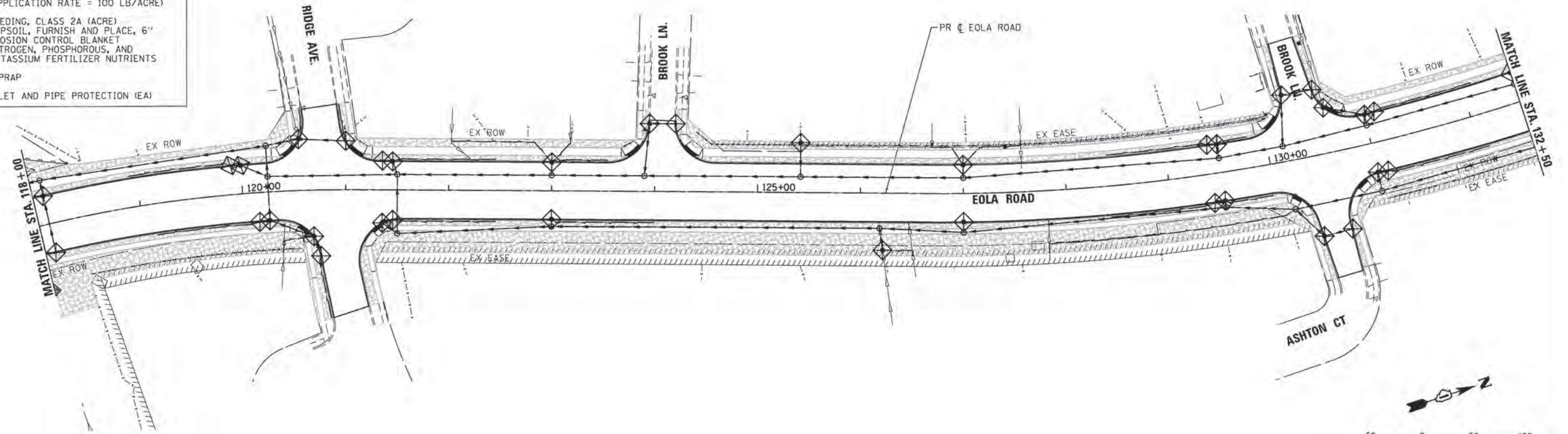
COMPANY NAME: HRGreen.com
 PROJECT CONTACT: dstonez
 DATE: 11/11/2015
 FILE NAME: 86130384-sht-mo3-82-wola87
 PLOT DATE: 11/11/2015
 PLOT SCALE: 1" = 50'
 PLOT DRIVER: jll
 PLOT TABLE: plantab.tbl

	USER NAME = dstonez FILE NAME = 86130384-sht-mo3-82-wola87 PLOT SCALE = 1" = 50' PLOT DATE = 11/11/2015	DESIGNED - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3 EOLA ROAD/87TH STREET (KEATING DRIVE)	F.A.U. RTE. 2531 SECTION 10-00292-00-WR COUNTY DUPAGE TOTAL SHEETS 229 SHEET NO. 53 CONTRACT NO. 61C06
	SCALE: 1" = 50' SHEET NO. 16 OF 17 SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

IMPROVEMENT BEGINS
STA 104+95.00



- LEGEND:**
- INLET FILTERS (EA)
 - PERIMETER EROSION BARRIER (FT)
 - TEMPORARY DITCH CHECK (FT)
 - TEMPORARY EROSION CONTROL SEEDING (LB) (APPLICATION RATE = 100 LB/ACRE)
 - SEEDING, CLASS 2A (ACRE)
TOPSOIL, FURNISH AND PLACE, 6" EROSION CONTROL BLANKET NITROGEN, PHOSPHOROUS, AND POTASSIUM FERTILIZER NUTRIENTS
 - RIPRAP
 - INLET AND PIPE PROTECTION (EA)



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: 618-208-9805
 DATE PLOTTED: 10/20/2015 9:05 AM
 FILE NAME: 06130384-shr-eros-01.dgn
 PLOT DRIVER: IL_def_bwidth.ctb
 PEN TABLE: plottbl.tbl



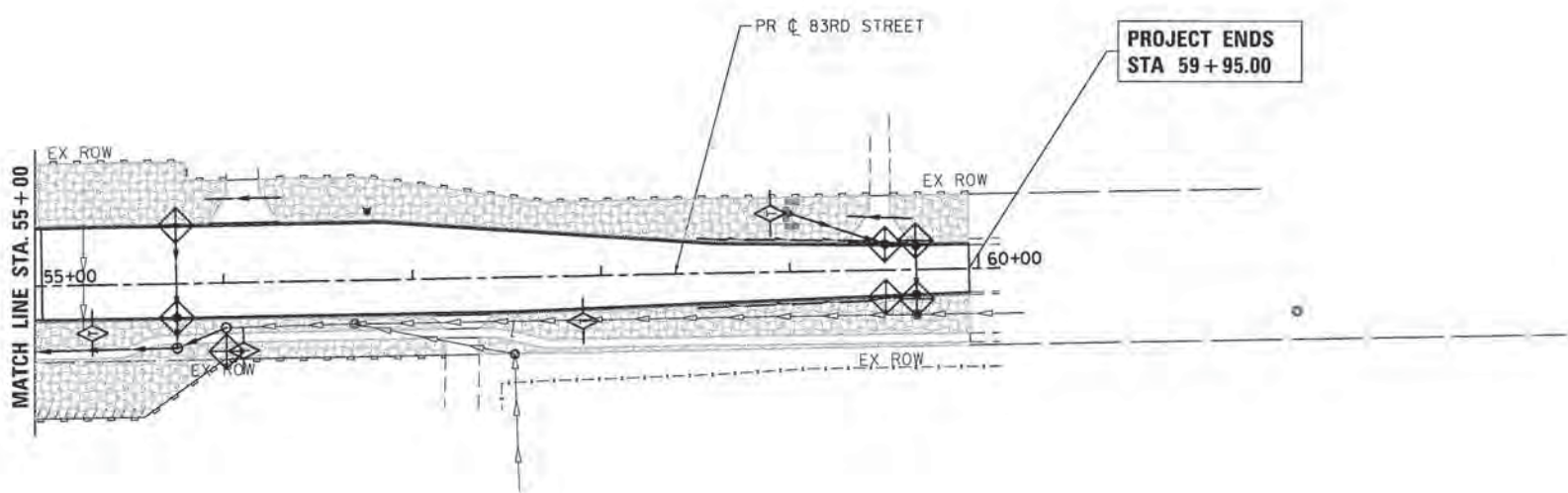
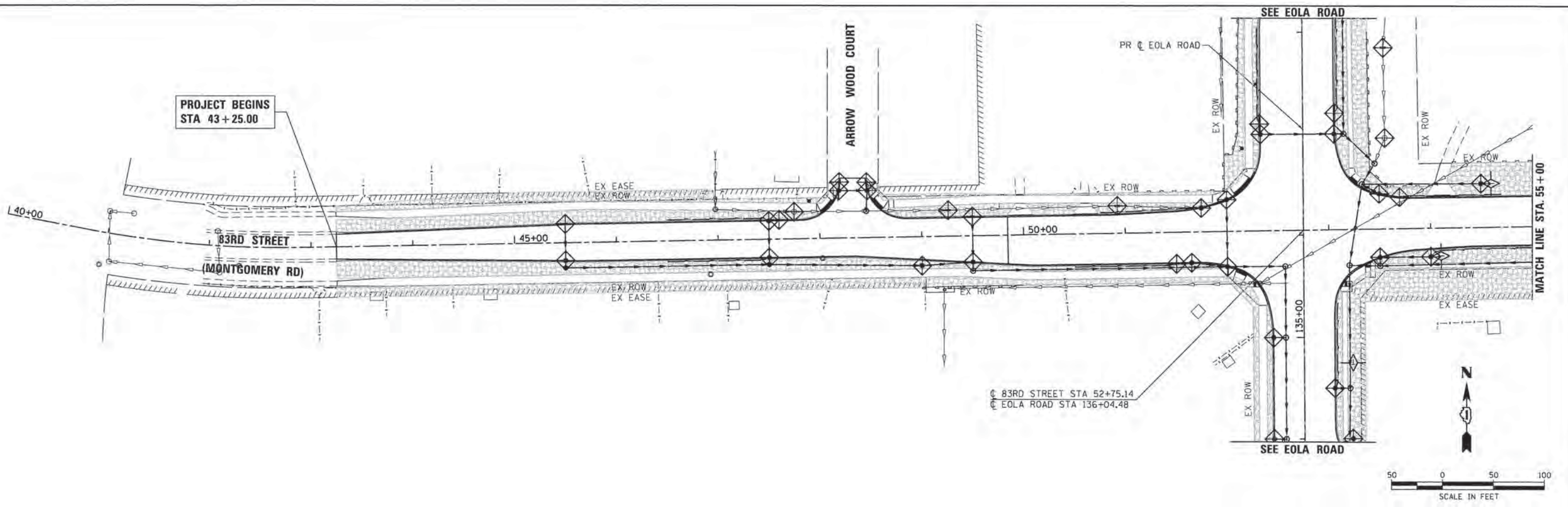
USER NAME = dstance	DESIGNED - -	REVISED - -
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PLOT SCALE = 1" = 50'	CHECKED - -	REVISED - -
PLOT DATE = 10/20/2015	DATE - -	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
EOLA ROAD

SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. BEG TO STA, 132+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	55
FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT		
CONTRACT NO. 61C06				



- LEGEND:**
- INLET FILTERS (EA)
 - PERIMETER EROSION BARRIER (FT)
 - TEMPORARY DITCH CHECK (FT)
 - TEMPORARY EROSION CONTROL SEEDING (LB) (APPLICATION RATE = 100 LB/ACRE)
 - SEEDING, CLASS 2A (ACRE)
 - TOPSOIL, FURNISH AND PLACE, 6" EROSION CONTROL BLANKET NITROGEN, PHOSPHOROUS, AND POTASSIUM FERTILIZER NUTRIENTS
 - RIPRAP
 - INLET AND PIPE PROTECTION (EA)

COMPANY NAME: HRGreen
 PROJECT CONTACT: dstenoz
 CLIENT: HRGreen
 DATE PLOTTED: 10/20/2015 09:02:12 AM
 FILE NAME: 86138384-eh-eros-03.dgn
 PLOT DRIVER: IL_pdf.dwg.ctb
 PEN TABLE: plottbl.tbl

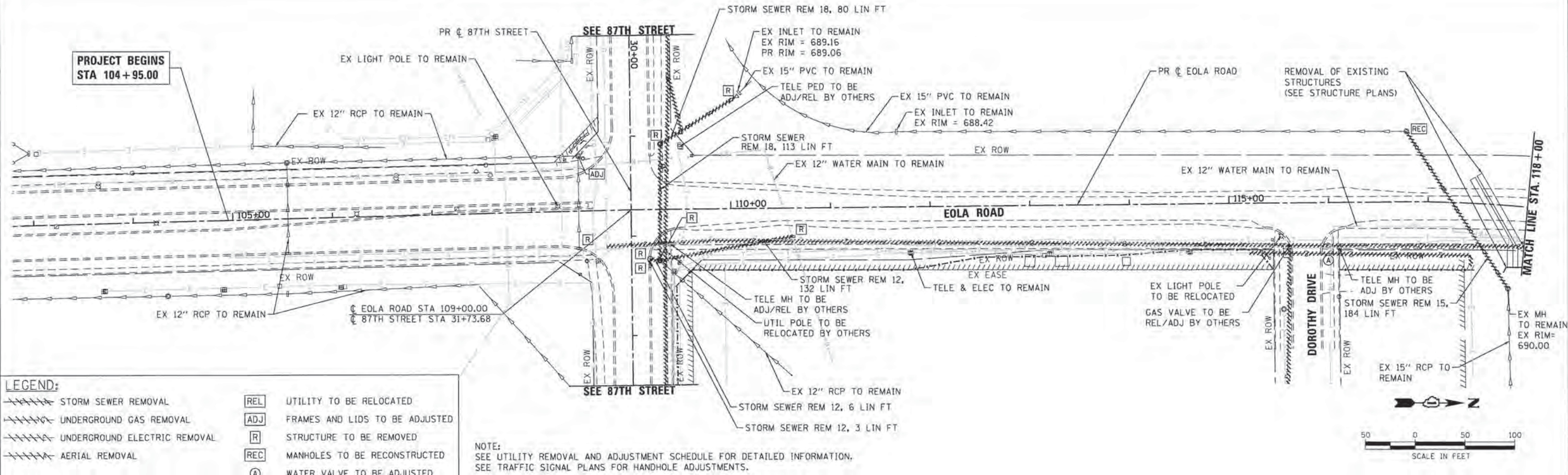


USER NAME = dstenoz	DESIGNED -	REVISED -
FILE NAME = 86138384-eh-eros-03.dgn	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 10/20/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN 83RD STREET (MONTGOMERY ROAD)			
SCALE: 1" = 50'	SHEET NO. 3 OF 3 SHEETS	STA. 43+25	TO STA. 59+90

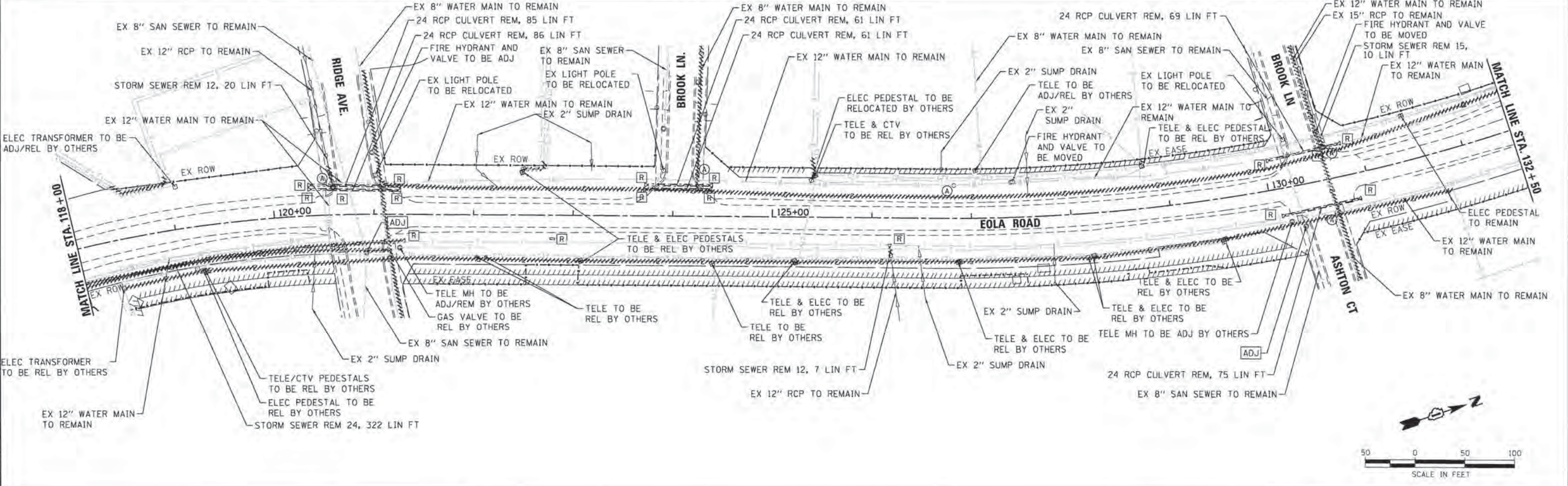
F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 57
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 61C06		



LEGEND:

	STORM SEWER REMOVAL		UTILITY TO BE RELOCATED
	UNDERGROUND GAS REMOVAL		FRAMES AND LIDS TO BE ADJUSTED
	UNDERGROUND ELECTRIC REMOVAL		STRUCTURE TO BE REMOVED
	AERIAL REMOVAL		MANHOLES TO BE RECONSTRUCTED
			WATER VALVE TO BE ADJUSTED

NOTE:
SEE UTILITY REMOVAL AND ADJUSTMENT SCHEDULE FOR DETAILED INFORMATION.
SEE TRAFFIC SIGNAL PLANS FOR HANDHOLE ADJUSTMENTS.



COMPANY NAME: HRGreen
PROJECT CONTACT: #PROJECT_CONTACT#
CLIENT: #CLIENT#
DATE PLOTTED: 10/23/2015 9:08:37 AM
FILE NAME: 86130384-shr-drainremoval-01.dgn
PLOT DATE: 10/23/2015
PLOT SCALE: 1" = 50'

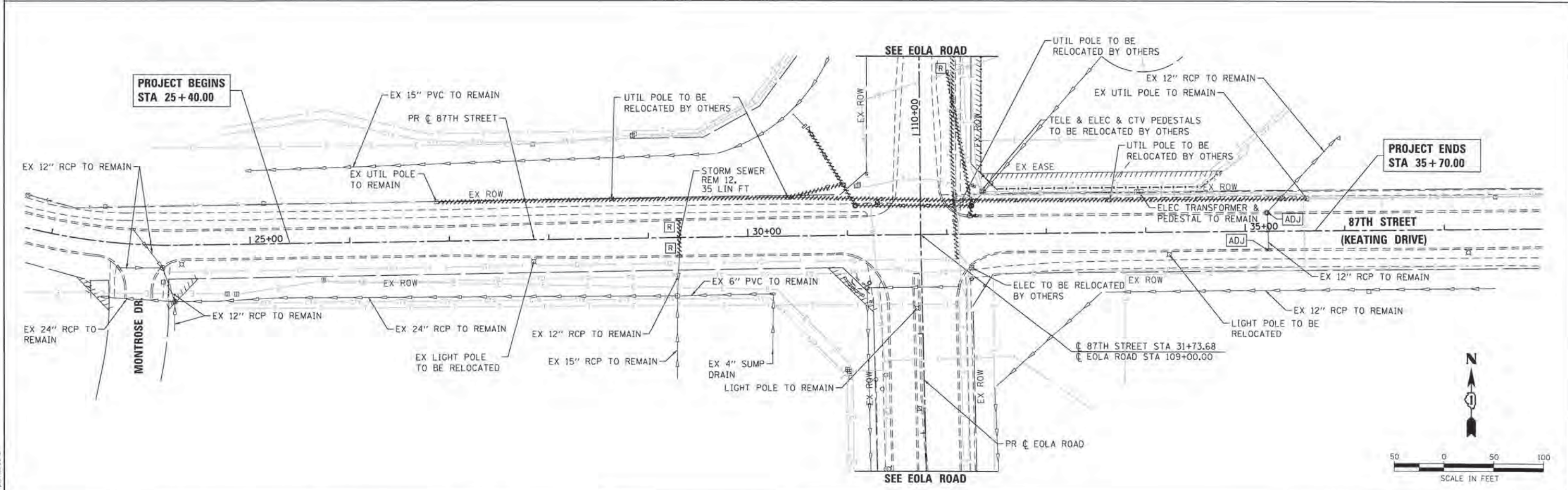
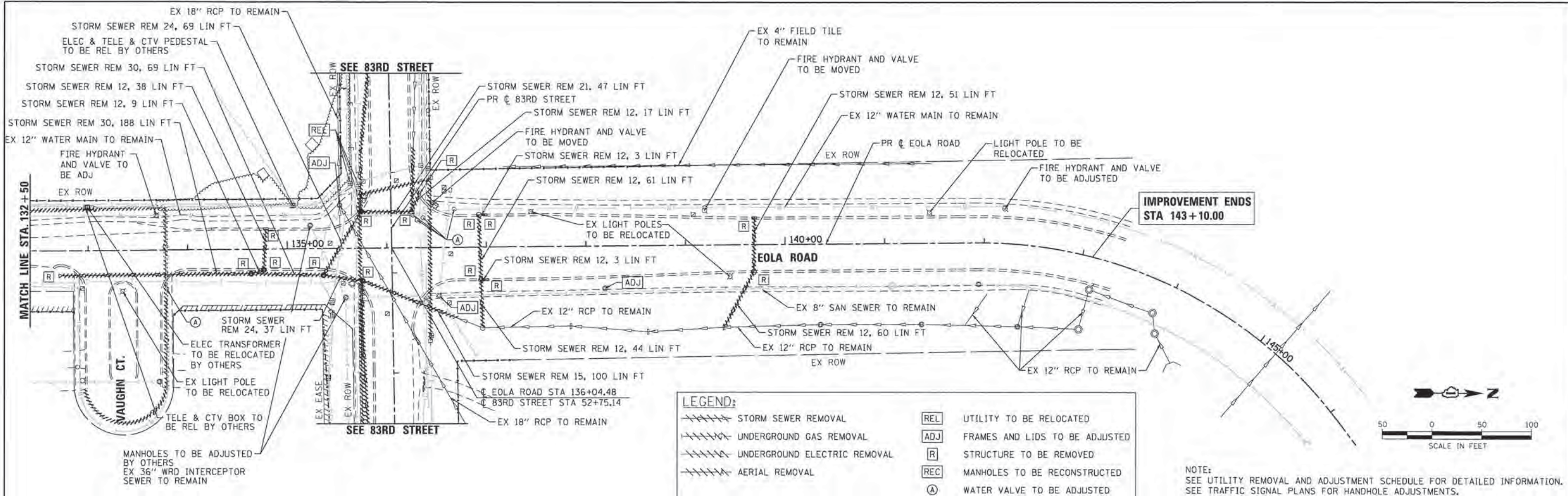


USER NAME = dstencz	DESIGNED -	REVISED -
FILE NAME = 86130384-shr-drainremoval-01.dgn	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 10/23/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY REMOVAL & ADJUSTMENT PLAN EOLA ROAD			
SCALE: 1" = 50'	SHEET NO. 1 OF 6 SHEETS	STA. BEG	TO STA. 132+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	58
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: #PROJECT CONTACTS
 CLIENT: #CLIENT#
 DATE PLOTTED: 10/20/2015 09:38 AM
 FILE NAME: 86130384-shr-drain-removal-02.dgn
 PLOT DRIVER: l...pdf...b...p1c1f9
 PEN TABLE: porttbl04.tbl

HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

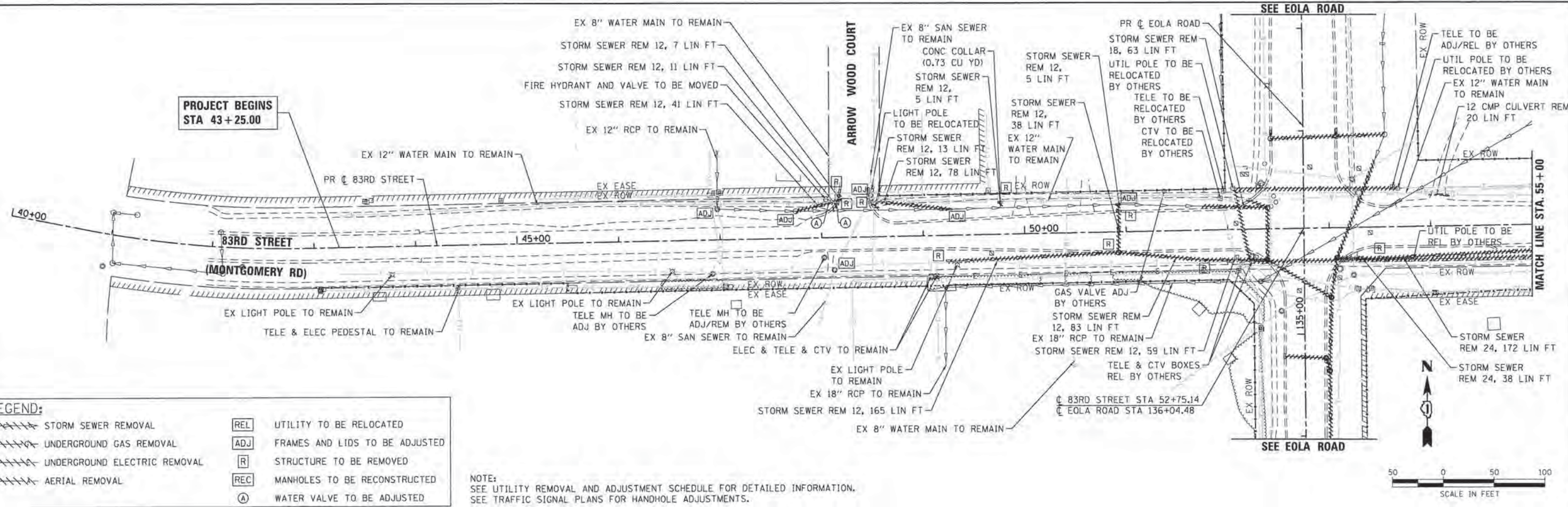
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PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**UTILITY REMOVAL & ADJUSTMENT PLAN
 EOLA ROAD / 87TH STREET (KEATING DRIVE)**

SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. 132+50 TO STA. END

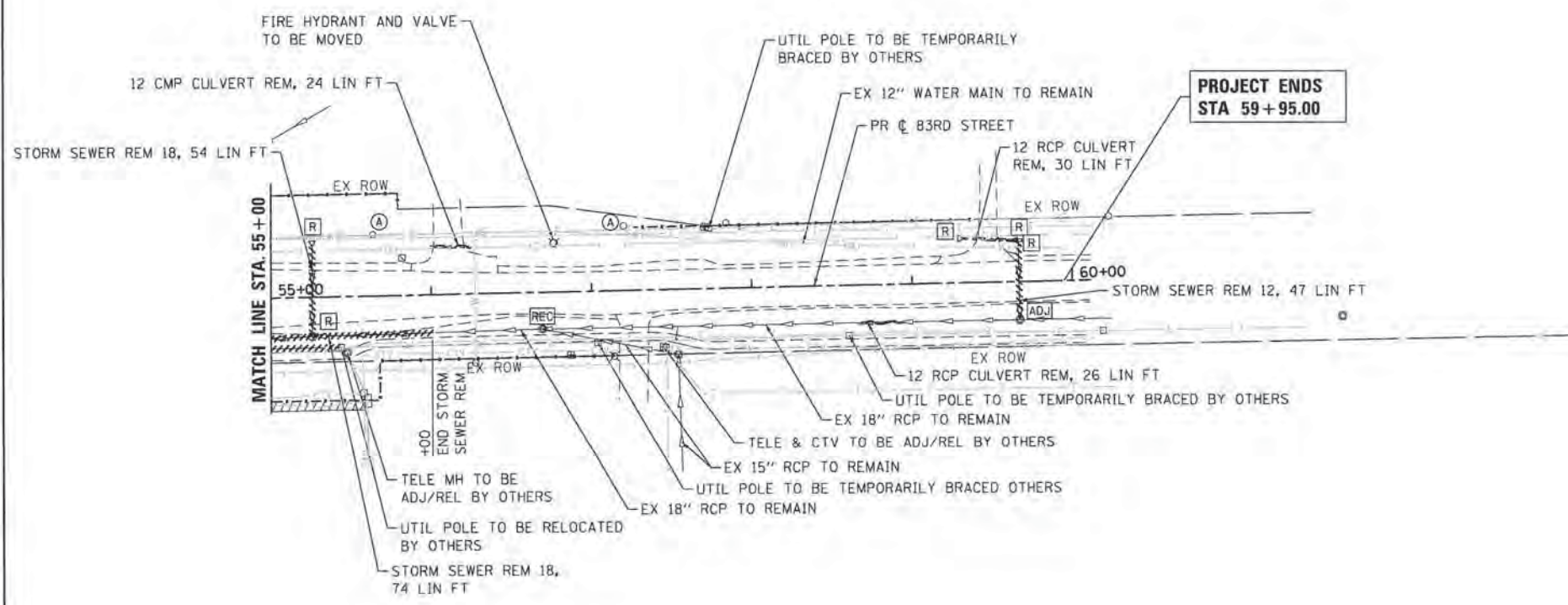
F.A.J. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 59
CONTRACT NO. 61C06			ILLINOIS FED. AID PROJECT	



LEGEND:

	STORM SEWER REMOVAL		UTILITY TO BE RELOCATED
	UNDERGROUND GAS REMOVAL		FRAMES AND LIDS TO BE ADJUSTED
	UNDERGROUND ELECTRIC REMOVAL		STRUCTURE TO BE REMOVED
	AERIAL REMOVAL		MANHOLES TO BE RECONSTRUCTED
			WATER VALVE TO BE ADJUSTED

NOTE:
 SEE UTILITY REMOVAL AND ADJUSTMENT SCHEDULE FOR DETAILED INFORMATION.
 SEE TRAFFIC SIGNAL PLANS FOR HANDHOLE ADJUSTMENTS.



COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT_CONTACTS
 CLIENT: #CLIENT#
 DATE PLOTTED: 10/30/2015 9:40 AM
 FILE NAME: 86130384-sht-drainremoval-01.dwg
 PLOT DRIVER: JL_pdr.dwg
 PEN TABLE: plot.tbl



USER NAME = distance	DESIGNED -	REVISED -
FILE NAME = 86130384-sht-drainremoval-01.dwg	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

UTILITY REMOVAL & ADJUSTMENT PLAN			
83RD STREET (MONTGOMERY ROAD)			
SCALE: 1" = 50'	SHEET NO. 3 OF 6 SHEETS	STA. 43+25 TO STA. 59+90	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C06	

UTILITY REMOVAL SCHEDULE

LOCATION				EXIST. RIM / BURY ELEV.	PROP. RIM / BURY ELEV.	TRENCH BACKFILL (CU YD)	STORM SEWER REMOVALS						PIPE CULVERT REMOVAL (FOOT)	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE (EACH)	REMOVING MANHOLES (EACH)	REMOVING CATCH BASINS (EACH)	REMOVING INLETS (EACH)	REMOVING EXISTING FLARED END SECTION (EACH)
STATION	TO STATION	OFFSET (FOOT)					12" (FOOT)	15" (FOOT)	18" (FOOT)	21" (FOOT)	24" (FOOT)	30" (FOOT)						
EOLA ROAD						20800150	55100500	55100700	55100900	55101100	55101200	55101400	50105220	60258800	60500040	60500050	60500060	X0322936
108+47		37.7	RT	694.97													1	
109+18		55.6	RT	695.12													1	
109+18		49.5	RT	695.11												1		
109+18	109+18		RT			0.4	3.0											
109+18	109+28		RT			1.2	6.0											
109+28		51.3	RT	696.01										1				
109+28	109+30		LT/RT			0.0		113.0										
109+30		65.5	LT	695.42										1				
109+30	110+05		LT			0.0		80.0										
109+47	109+28		RT			0.0	24.0											
110+05		110.8	LT	689.60														1
110+62		28.3	RT	694.98													1	
110+62	109+28		RT			5.6	132.0											
116+78		70.6	LT	690.05	688.50									1				
117+87	116+78		LT/RT			0.0		184.0										
120+38		26.4	LT	690.80														1
120+39		30.7	LT	690.64														1
121+23	120+38		LT			11.4						86.0						
121+23	120+39		LT			11.3						86.0						
120+54	120+60		LT			4.5	20.0											
120+60		27.7	LT	694.41										1				
121+23		24.0	LT	691.18														1
121+23		28.1	LT	691.24														1
121+28	117+91		RT			20.6				322.0								1
121+28		26.6	RT	690.71														1
122+79		23.8	RT	692.56													1	
123+74		26.7	LT	691.93														1
123+74	124+35		LT			8.1						61.0						
123+75		31.2	LT	691.48														1
123+75	124+36		LT			9.3						61.0						
124+35		27.0	LT	691.68														1
124+36		31.0	LT	691.74														1
126+18		30.2	RT	692.64														1
126+20	126+18		RT				1.0											
130+07		30.0	LT	692.55														1
130+07	130+77		LT			10.5						69.0						
130+13		27.3	RT	693.19														1
130+13	130+86		RT			9.9						75.0						
130+62	130+63		LT			1.4	10.0											
130+63		32.5	LT	695.97										1				
130+77		32.7	LT	693.23														1
130+86		25.8	RT	693.57														1
132+74		24.6	RT	693.60														1
134+64		24.2	RT	697.93										1				
134+64	132+74		RT			24.1						188.0						
134+76		20.7	RT	696.76										1				
134+76	134+64		RT			1.4	9.0											
134+79		20.1	LT	696.81													1	
134+79	134+76		LT/RT			5.1	38.0											
135+36	134+64		RT			10.5						69.0						
135+36		26.5	RT	698.45										1				
135+74		36.0	LT	698.00										1				
135+74	135+36		LT/RT			10.5						69.0						
135+75		32.5	RT	698.40										1				
135+75	135+36		RT			5.7						37.0						
136+25		35.6	LT	698.64												1		
136+25	135+74		LT			6.3			47.0									
136+33		53.8	LT	698.12													1	
136+33	136+25		LT			2.3	17.0											
136+70	136+75		RT			9.3		100.0										
136+93		31.9	LT	697.18													1	
136+93	136+94		LT/RT			8.1	61.0											
136+94		32.6	RT	697.14													1	

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 10/30/2015 10:02:58 AM
 PLOT DRIVER: plot.dwg
 PEN TABLE: pen.tbl


 HRGreen.com
 Illinois Professional Design Firm
 #194-091322

USER NAME = dstenaz	DESIGNED - JS	REVISED -
FILE NAME = 86130384-shs-drainrem-sched.dwg	DRAWN - JCH	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY REMOVAL SCHEDULE			
EOLA ROAD			
SCALE: NTS	SHEET NO. 4 OF 6 SHEETS	STA. TO STA.	

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	61
CONTRACT NO. 61C06			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

UTILITY REMOVAL SCHEDULE

LOCATION				EXIST. RIM / BURY ELEV.	PROP. RIM / BURY ELEV.	TRENCH BACKFILL (CU YD)	STORM SEWER REMOVALS						PIPE CULVERT REMOVAL (FOOT)	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE (EACH)	REMOVING MANHOLES (EACH)	REMOVING CATCH BASINS (EACH)	REMOVING INLETS (EACH)	REMOVING EXISTING FLARED END SECTION (EACH)
STATION	TO STATION	OFFSET (FOOT)	RT				12" (FOOT)	15" (FOOT)	18" (FOOT)	21" (FOOT)	24" (FOOT)	30" (FOOT)						
136+94	EOLA ROAD	32.6	RT	697.14														
136+94	136+96		RT		4.8	44.0									1			
136+99		32.0	LT	697.13													1	
136+99	136+93		LT		0.4	3.0												
136+99		32.7	RT	697.15													1	
136+99	136+94		RT		0.4	3.0												
139+68		27.2	RT	702.20											1			
139+68	139+38		RT		5.2	60.0												
139+69		26.7	LT	702.40													1	
139+69	139+68		RT		6.8	51.0												
SUBTOTAL EOLA ROAD					195	472	294	193	47	428	257	438	1	9	5	9	16	
87TH STREET																		
29+31		18.0	LT	694.10													1	
29+31	29+31		LT/RT		0.0	35.0												
29+31		18.0	RT	694.11													1	
SUBTOTAL 87TH STREET ROAD					0	35	0	0	0	0	0	0	0	0	0	0	2	0
83RD STREET																		
48+18		36.1	LT	702.49													1	
48+18	47+75		LT		11.4	41.0												
48+18	48+11		LT		1.7	11.0												
48+19		44.4	LT	702.33													1	
48+19	48+18		LT		1.1	7.0												
48+48		35.6	LT	701.98													1	
48+48	48+57		LT		2.0	13.0												
48+48	49+26		LT		23.4	78.0												
49+24		26.0	RT	700.49													1	
49+24	50+92		RT		52.8	165.0												
49+77		31.4	LT	699.24													1	
49+77	49+77		LT		1.0	5.0												
50+92	50+93		LT		1.3	5.0												
50+92		20.3	RT	699.21											1			
50+92	51+77		RT		23.1	83.0												
50+93		20.4	LT	699.17													1	
50+93	50+92		LT/RT		5.1	38.0												
51+75	52+40		LT		9.6		63.0											
51+77		29.5	RT	698.02													1	
51+77	52+39		RT		16.5	59.0												
53+49		30.9	RT	697.53													1	
53+49	53+07		RT		11.4			38.0										
53+99	54+20		LT		3.1						20.0							
55+25	53+49		RT		44.3					172.0								
55+25		24.6	RT	699.57											1			
55+26		31.7	LT	696.27														1
55+26	55+25		LT/RT		7.2		54.0											
56+01	55+25		RT		26.8		74.0											
56+24	56+00		LT		0.0						24.0							
56+69		23.1	RT	698.63	701.88							1						
58+65	58+91		RT		0.0						26.0							
59+33		27.6	LT	697.71														1
59+33	59+63		LT		0.0						30.0							
59+63		26.0	LT	697.84														1
59+67		26.0	LT	698.14													1	
59+67	59+67		LT/RT		0.0	47.0												
SUBTOTAL 83RD STREET					242	552	0	191	0	210	0	100	1	0	3	8	3	
TOTAL					440	1060	295	385	50	640	260	540	2	9	8	19	19	

TYPE I F&G SHALL UTILIZE TYPE B LIDS WITH CONCEALED PICK HOLE AND WATER TIGHT GASKET

TYPE I F&G SHALL UTILIZE R-3105 TYPE L GRATE

TYPE 8 GRATE SHALL UTILIZE R-3432

* PATCH DRAINAGE STRUCTURE INVERT. INCLUDED IN THE COST OF THE REMOVAL.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: HRGreen.com
 DATE PLOTTED: 10/30/2015 10:20:58 AM
 FILE NAME: 86130384-shs-drainrem-sched.dwg
 PLOT DRIVER: L:\pdr\dwgplotq
 PEN TABLE: plottable.tbl



USER NAME = dstencz
 FILE NAME = 86130384-shs-drainrem-sched.dwg
 PLOT SCALE = NTS
 PLOT DATE = 10/30/2015

DESIGNED - JS
 DRAWN - JCH
 CHECKED -
 DATE - 10/30/15

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**UTILITY REMOVAL SCHEDULE
 EOLA ROAD /87TH ST /83RD ST**

SCALE: NTS SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	62
CONTRACT NO.			61C06	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

UTILITY ADJUSTMENT SCHEDULE

LOCATION				EXIST. RIM / BURY ELEV.	PROP. RIM / BURY ELEV.	MANHOLES TO BE ADJUSTED W/ T1FCL (EACH) 60255800	MANHOLES TO BE ADJUSTED W/ T8G (EACH) 60256400	CATCH BASINS TO BE ADJUSTED W/ T8G (EACH) 60251200	CATCH BASINS TO BE ADJUSTED W/ T11FG (EACH) 60251500	INLETS TO BE ADJUSTED W/ T8G (EACH) 60261000	INLETS TO BE ADJUSTED W/ T11FG (EACH) 60261300	VALVE BOXES TO BE ADJUSTED (EACH) 60266600	SANITARY MANHOLES TO BE ADJUSTED W/ T1FCL (EACH) X6026056	FIRE HYDRANTS TO BE ADJUSTED (EACH) 56400300	FIRE HYDRANTS TO BE MOVED (EACH) 56400800
STATION	TO STATION	OFFSET (FOOT)													
EOLA ROAD															
108+48		55.2	LT	695.73	695.92	1									
110+09		115.7	LT	689.16	689.06					1					
111+67		75.4	LT	688.42											
116+02		50.2	RT	700.34	700.40							1			
116+78		70.6	LT	690.05	688.50										
117+87		82.9	RT	690.00											
120+57		30.4	LT	694.65								1			
120+92		38.6	RT	694.61	695.05								1		
120+98		61.9	LT	694.91	695.60									1	
124+24		41.9	LT	695.03								1			
126+82		33.2	LT	695.24	697.12							1			
127+42		35.9	LT	696.08	696.97										1
130+30		42.3	RT	696.84	696.90								1		
130+58		48.1	LT	696.05	696.55										1
130+65		35.2	RT	696.48								1			
130+67		32.0	LT	696.04	696.05							1			
133+68		34.3	LT	696.60	697.70									1	
133+79		38.7	RT	697.41								1			
135+53		43.0	LT	698.44		1									
136+27		32.2	LT	698.63	698.78							1			
136+31		27.3	LT	698.52	698.93							1			
136+37		29.5	LT	698.26	698.89							1			
136+47		44.6	LT	698.72	699.45										1
136+52		48.1	RT	698.42	699.10								1		
136+68		38.0	LT	697.86	697.10							1			
138+19		42.3	RT	700.43									1		
139+19		34.3	LT	701.90	701.99										1
142+19		34.6	LT	707.91	707.73									1	
SUBTOTAL EOLA ROAD						2	0	0	0	1	0	11	4	3	4
87TH STREET															
35+22		18.6	LT						1						
35+23		18.8	RT							1					
SUBTOTAL 87TH STREET ROAD						0	0	0	1	0	1	0	0	0	0
83RD STREET															
46+98		30.1	LT	703.33	703.99	1									
47+75		26.6	LT	702.43	702.75			1							
48+05		37.7	LT	702.86	703.00										1
48+08		35.1	LT	702.73								1			
48+12		32.0	RT	702.77	702.35								1		
48+15		36.6	LT	702.81								1			
48+49		40.8	LT	702.59	702.21								1		
49+26		25.6	LT	700.96	700.84					1					
50+92		26.9	LT	698.41	698.86					1					
55+64		38.5	LT									1			
56+69		23.1	RT	698.63	701.88										
56+77		30.6	LT	699.63	699.84										1
57+21		40.5	LT									1			
59+67		23.9	RT	698.66	698.97		1								
SUBTOTAL 83RD STREET						1	1	1	0	2	0	4	2	0	2
TOTAL						3	1	1	1	3	1	15	6	3	6

PR LOCATION STA 127+42, 44' LT

PR LOCATION STA 130+51, 110' LT

PR LOCATION STA 136+86, 60' LT

PR LOCATION STA 139+19, 53' LT

PR LOCATION STA 47+90, 37' LT

PR LOCATION STA 56+77, 36' LT

TYPE1FCL SHALL UTILIZE TYPE B LIDS WITH CONCEALED PICK HOLE AND WATER TIGHT GASKET

TYPE11F&G SHALL UTILIZE R-3105 TYPE L GRATE

TYPE8 GRATE SHALL UTILIZE R-3432

COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT CONTACTS
 CLIENT: #CLIENTS
 DATE PLOTTED: 10/30/2015 8:08:44 AM
 FILE NAME: 86130384-sh1-drainren-sched.dwg
 PLOT DRIVER: IL_PDF.plt
 PEN TABLE: plottable.tbl



USER NAME = dstencz
 FILE NAME = 86130384-sh1-drainren-sched.dwg
 PLOT SCALE = NTS
 PLOT DATE = 10/30/2015

DESIGNED - JS
 DRAWN - JCH
 CHECKED -
 DATE - 10/30/15

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**UTILITY ADJUSTMENT SCHEDULE
 EOLA ROAD /87TH ST /83RD ST**

SCALE: NTS SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	63
CONTRACT NO.			61C06	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

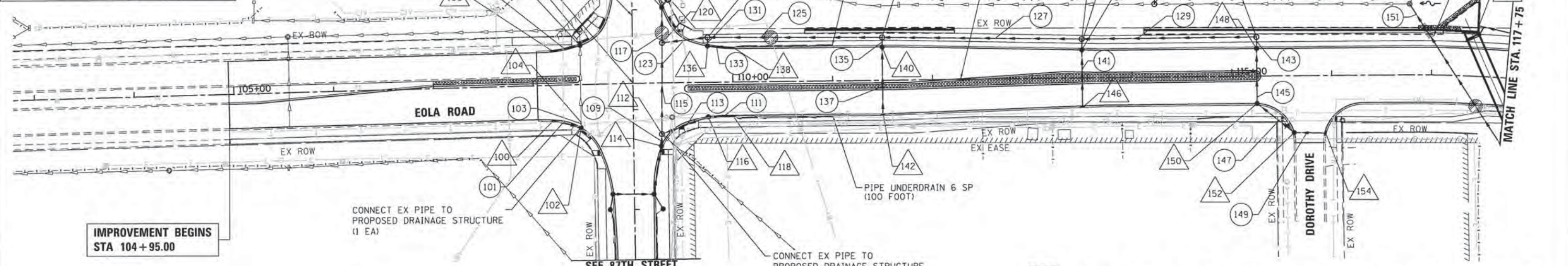
DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	

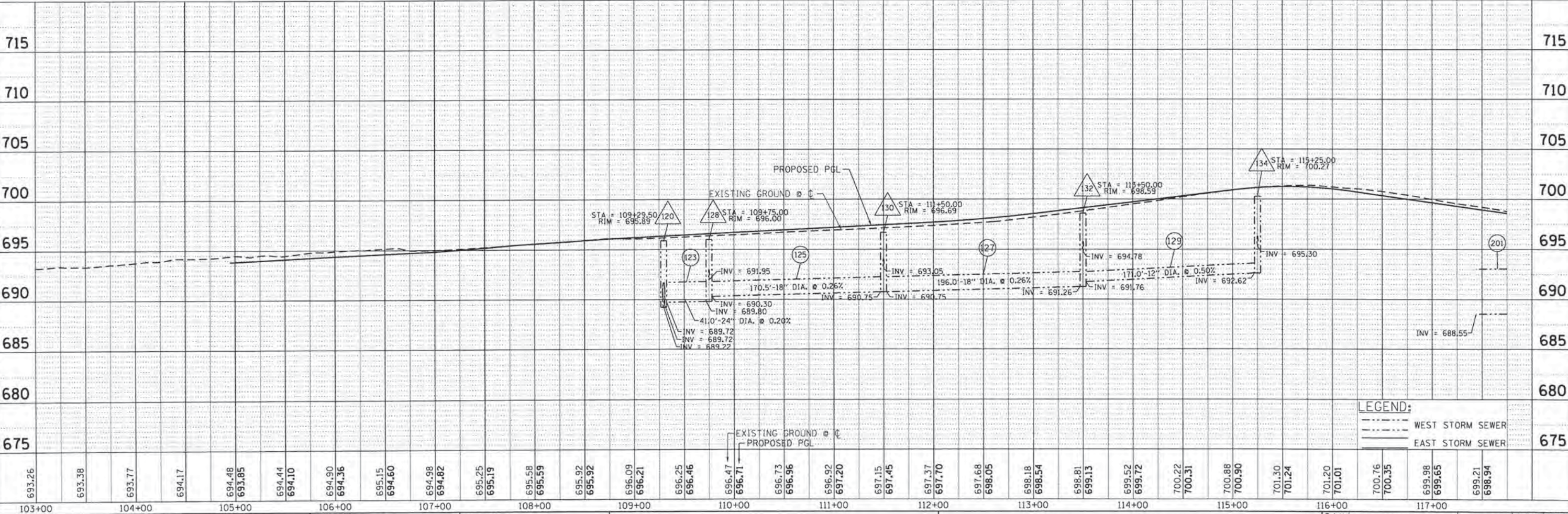
COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 10/30/2015 09:57 AM
 FILE NAME: 86130384-sht-drain-01.dgn
 PLOT DRIVER: acplc_burcraig
 PEN TABLE: pen.tbl

LEGEND:

- X-X DRAINAGE STRUCTURE
- XXX STORM SEWER PIPE
- PIPE UNDERDRAINS 6" (SPECIAL) (SEE SCHEDULE)
- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE DRAINAGE AND WATER MAIN CONFLICT SCHEDULE



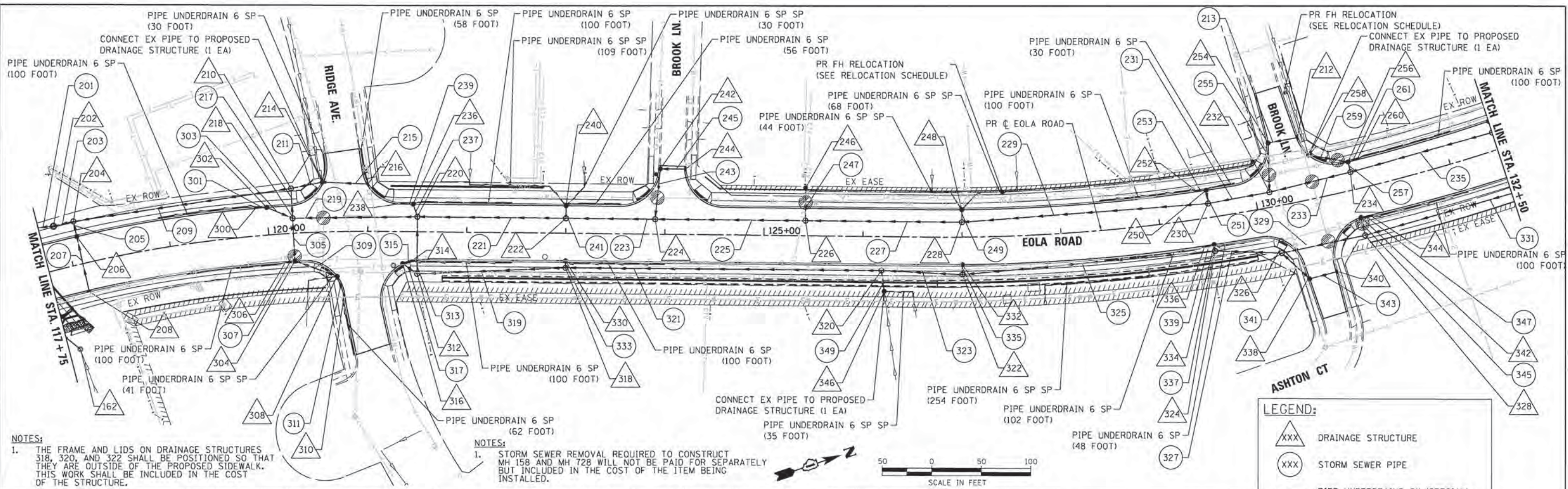
NOTES:
 1. STORM SEWER REMOVAL REQUIRED TO CONSTRUCT MH 158 AND MH 728 WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE ITEM BEING INSTALLED.



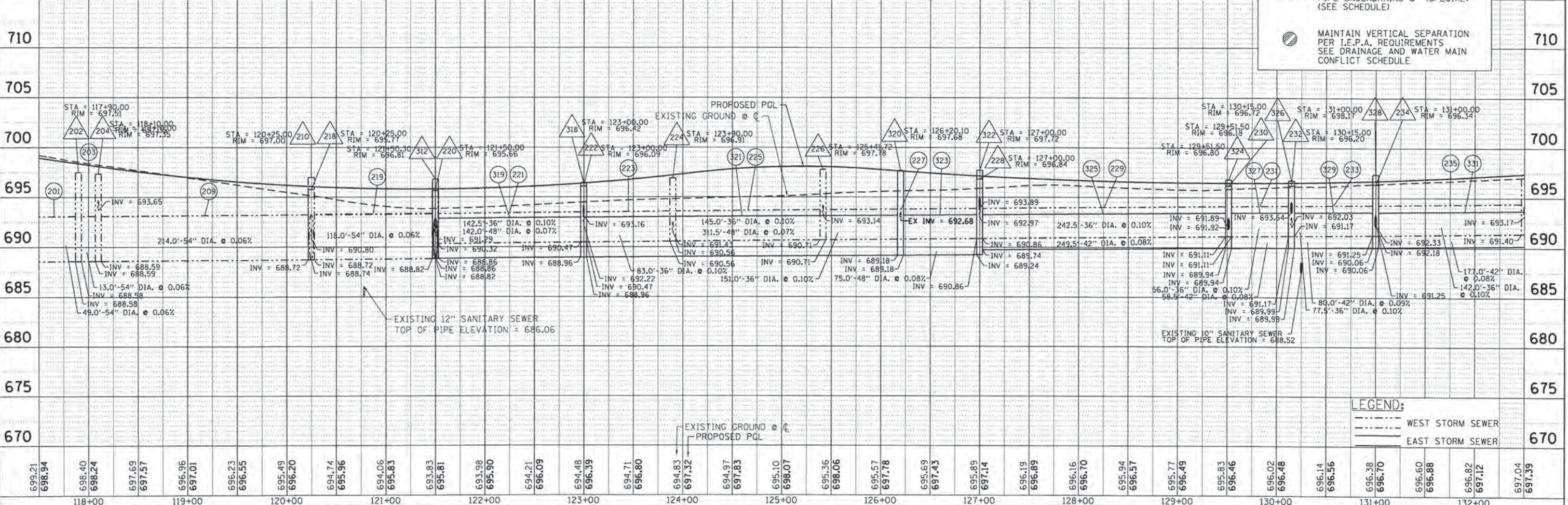
LEGEND:

- WEST STORM SEWER
- EAST STORM SEWER

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	



DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	



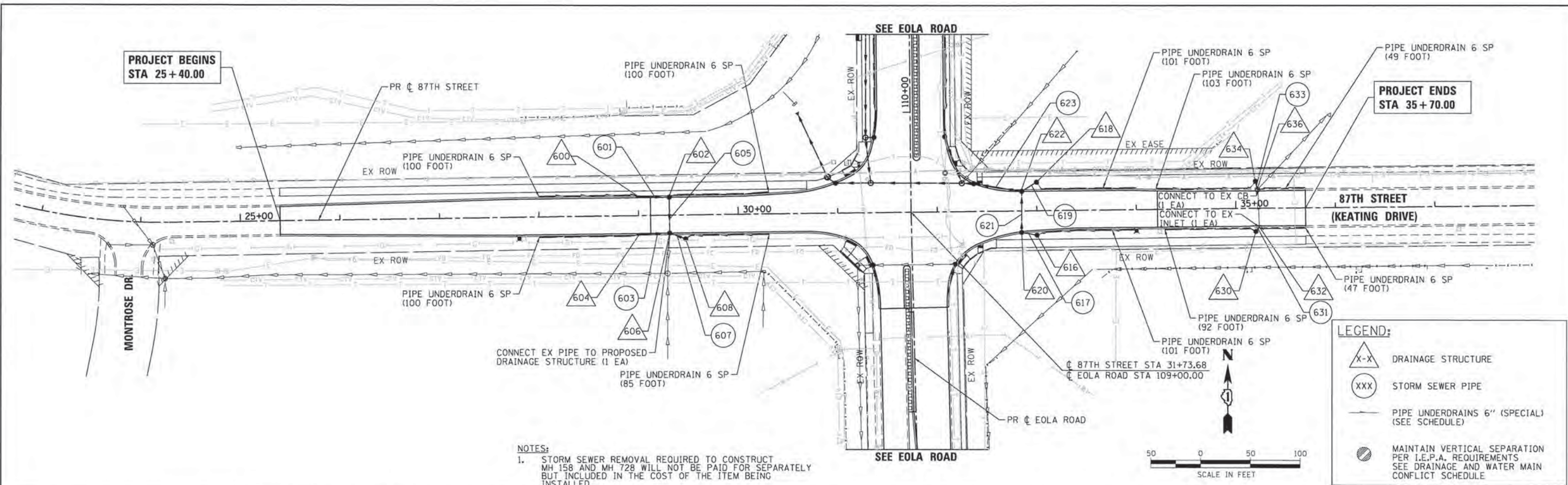
DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

	USER NAME = dstancz FILE NAME = 86138384-shs-drain-02.dgn PLOT SCALE = 1" = 50' PLOT DATE = 10/30/2015	DESIGNED - JS DRAWN - JCH CHECKED - DATE = 10/30/15	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE & UTILITY PLAN AND PROFILE EOLA ROAD		F.A.U. R.T.E. = 2531 SECTION = 10-00292-00-WR COUNTY = DUPAGE TOTAL SHEETS = 229 SHEET NO. = 65
	SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. 117+75 TO STA. 132+50				CONTRACT NO. 61C06		ILLINOIS FED. AID PROJECT	

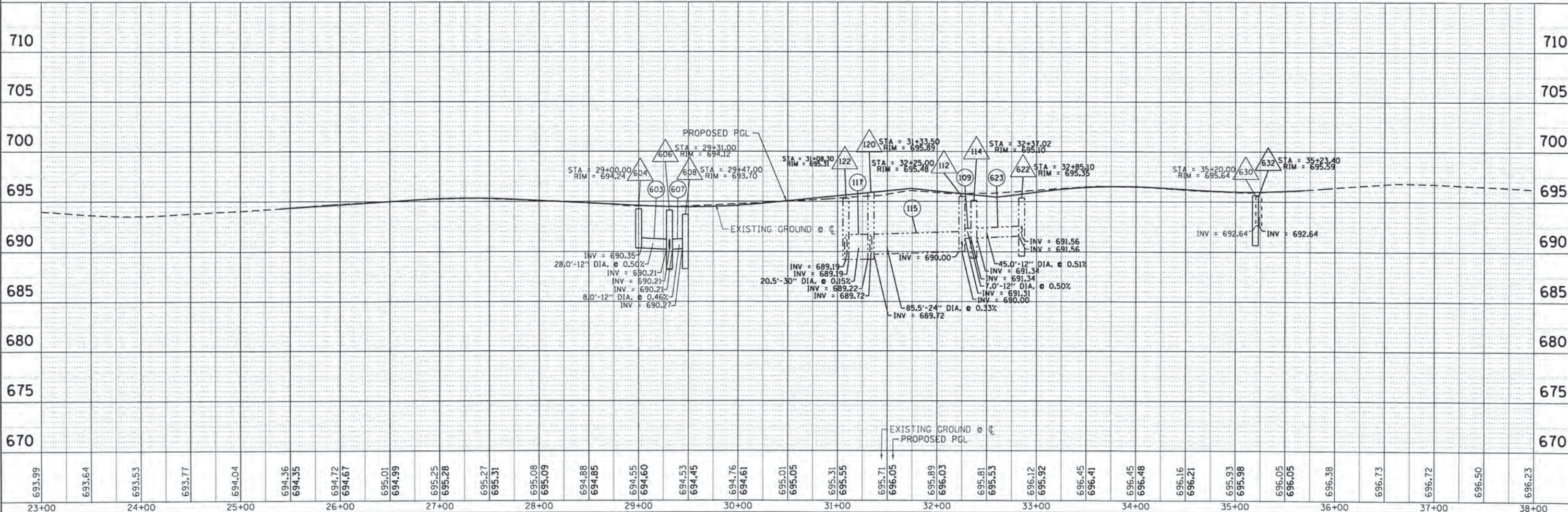
DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Wings Professional Design Firm
 CLIENT: 10/30/2015/000292-WR
 FILE NAME: 86138384-sh1-drain-04.dgn
 PLOT NUMBER: 10/30/2015
 PLOT DATE: 10/30/2015



NOTES:
 1. STORM SEWER REMOVAL REQUIRED TO CONSTRUCT MH 158 AND MH 728 WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE ITEM BEING INSTALLED.



23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00																																				
693.99	693.64	693.53	693.77	694.04	694.36	694.35	694.72	694.67	695.01	694.99	695.25	695.28	695.27	695.31	695.08	695.09	694.88	694.85	694.55	694.60	694.53	694.45	694.76	694.61	695.01	695.05	695.31	695.55	695.71	696.05	695.89	696.03	695.81	695.53	696.12	695.92	696.45	696.41	696.45	696.48	696.16	696.21	695.93	695.98	696.05	696.05	696.38	696.73	696.72	696.50	696.23

USER NAME = dstancz	DESIGNED = JS	REVISED =
FILE NAME = 86138384-sh1-drain-04.dgn	DRAWN = JCH	REVISED =
PLOT SCALE = 1" = 50'	CHECKED =	REVISED =
PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

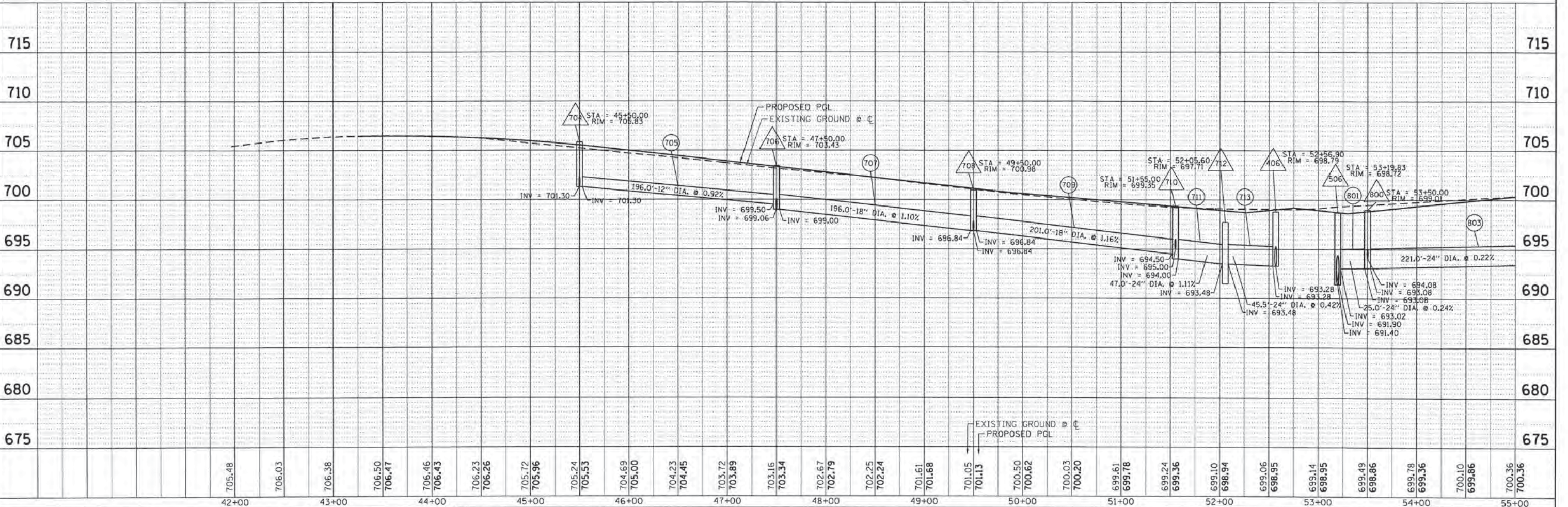
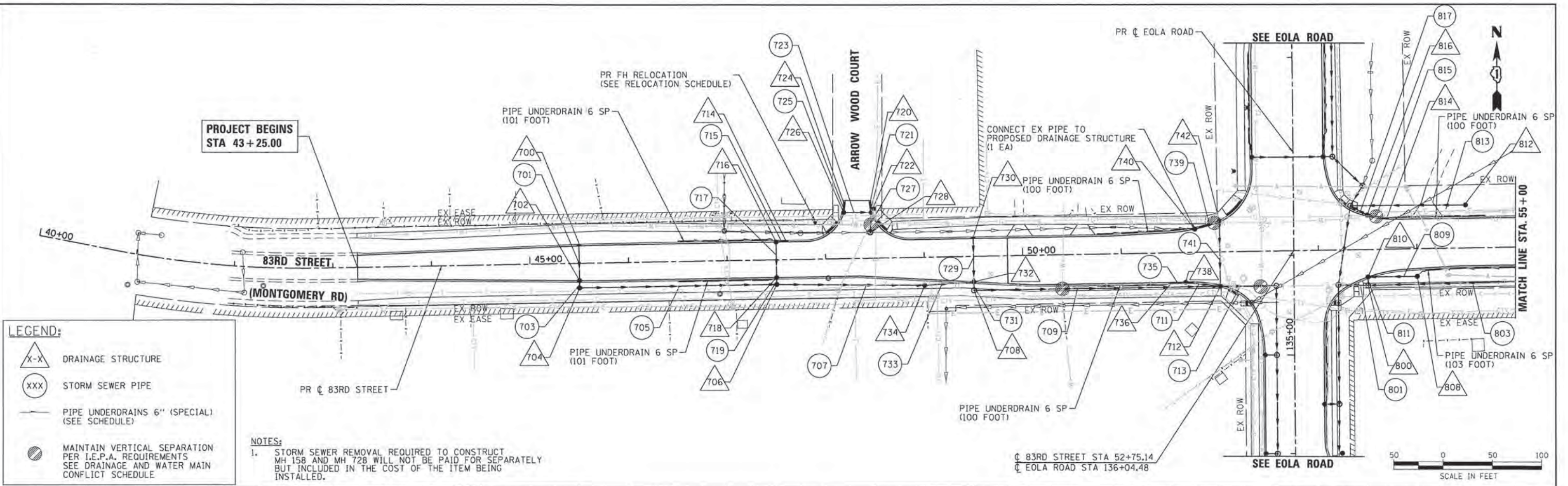
DRAINAGE & UTILITY PLAN AND PROFILE			
87TH STREET (KEATING DRIVE)			
SCALE: 1" = 50'	SHEET NO. 4 OF 6 SHEETS	STA. 25+40	TO STA. 35+70

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 67
CONTRACT NO. 61C06				ILLINOIS FED. AID PROJECT

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

PROFILE SURVEYED BY DATE
 LOT ELEVATIONS CHECKED
 BLK. NOTED
 NO. STRUCTURE NOTATIONS DKPKD

COMPANY NAME: HRGreen.com
 PROJECT CONTRACT: 10/30/2015/00023 AM
 CLIENT: 86130384-shr-drain-05.dgn
 DATE PLOTTED: 10/30/2015 10:05:00 AM
 FILE NAME: IL_def_bwp1c1g
 PLOT DRIVER: d:\mcb\tdl



HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = dstancz FILE NAME = 86130384-shr-drain-05.dgn PLOT SCALE = 1" = 50' PLOT DATE = 10/30/2015	DESIGNED - JS DRAWN - JCH CHECKED - DATE = 10/30/15	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE & UTILITY PLAN AND PROFILE 83RD STREET (MONTGOMERY ROAD)		F.A.U. RTE. = 2531 SECTION = 10-00292-00-WR COUNTY = DUPAGE CONTRACT NO. = 61C06	TOTAL SHEETS = 229 SHEET NO. = 68 ILLINOIS FED. AID PROJECT
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DRAINAGE STRUCTURE SCHEDULE

STR. ID	STATION	OFFSET	STRUCTURE TYPE	MANHOLES, CB & INLETS RIM EL.	RESTRICTOR ELEVATION	TOP PLATE ELEVATION	STORM SEWER INVERTS							PIPE UNDERDRAIN INVERTS				PAY ITEM NO.	NOTES
							NORTH	NORTHWEST	WEST	SOUTHWEST	SOUTH	SOUTHEAST	EAST	NORTHEAST	NORTH	WEST	SOUTH		
EOLA ROAD																			
400	132+50.0	-18.0	MAN TA 5 DIA T1F CL	697.03			692.40		693.17		691.40					60221100			
402	134+00.0	-18.0	MAN TA 4 DIA T1F CL	697.84			692.65		693.97		692.65					60218400			
404	135+00.0	-18.0	MAN TA 4 DIA T1F CL	698.38			692.82		694.51		692.82					60218400			
406	135+69.0	-18.0	MAN TA 4 DIA T1F CL	698.93					693.21		693.21					60218400			
408			OMITTED																
410	132+50.0	-29.8	CB TA 4 DIA T1F&G	696.80							693.21				60201105				
412	134+00.0	-30.0	CB TA 4 DIA T1F&G	697.60							694.01				60201105				
414	135+00.0	-30.0	CB TA 4 DIA T1F&G	698.14							694.55				60201105				
500	132+80.0	48.0	MAN TA 5 DIA T1F CL	698.39			690.21			690.21					60221100				
502	133+35.0	43.0	MAN TA 6 DIA T1F CL	697.67			690.85			690.35	693.03				60223800				
504	134+50.0	45.0	MAN TA 5 DIA T1F CL	698.00			691.15	694.88		691.15					60221100				
506	135+70.0	45.0	MAN TA 6 DIA T1F CL	698.58			693.00			691.40		693.02			60223800				
508	136+50.0	57.8	MAN TA 6 DIA T1F CL	698.70			693.10			693.10	694.80	693.25			60223800				
510	136+70.4	70.2	MAN TA 5 DIA T1F CL	698.24			EX 694.55	693.25		693.25					60221100				
512	137+00.0	39.9	MAN TA 5 DIA T1F CL	699.54			694.05		694.65		693.55				60221100				
514	138+50.0	40.0	MAN TA 4 DIA T1F CL	700.78			695.35		696.08		694.85				60218400				
516	140+00.0	40.0	MAN TA 4 DIA T1F CL	703.64			697.45		698.98		696.95				60218400				
518	141+00.0	40.0	MAN TA 4 DIA T1F CL	705.18					702.64		697.93				60218400				
520	141+00.0	29.4	CB TA 4 DIA T24F&G	704.34								702.67			60201340				
522	133+35.0	50.1	MAN TA 4 DIA T1F CL	698.00			693.21		693.04		693.03				60218400				
524	133+20.2	50.1	CB TA 4 DIA T1F&G	697.11			693.09				693.09				60201105				
526	132+97.8	50.1	INLETS TA T1F&G	697.17			693.67								60236800				
528	133+49.2	50.1	CB TA 4 DIA T1F&G	697.11			693.27				693.27				60201105				
530	133+77.5	50.1	CB TA 4 DIA T1F&G	697.29			693.40				693.40				60201105				
532	134+00.0	47.5	CB TC T8G	697.26							693.50				60207605				
534	134+50.0	30.0	CB TA 4 DIA T1F&G	697.87							694.93		695.45		60201105				
536	137+00.0	30.6	CB TA 4 DIA T1F&G	699.22			694.68		694.68		694.68				60201105				
538	137+20.0	30.3	INLETS TA T24F&G	699.33							694.77		696.91		60237470				
540	137+00.0	-41.8	CB TA 4 DIA T24F&G	698.98			695.01				695.01				60201340				
542	137+10.0	-41.8	INLETS TA T24F&G	699.03							695.05		696.61		60237470				
544	138+50.0	30.2	CB TA 4 DIA T24F&G	700.21					696.11		696.11				60201340				
546	138+50.0	-38.7	INLETS TA T24F&G	700.03							696.44				60237470				
548	140+00.0	30.3	CB TA 4 DIA T24F&G	702.83					699.01		699.01				60201340				
550	140+00.0	-29.8	INLETS TA T24F&G	702.98							699.30				60237470				
87TH STREET																			
600	29+00.0	-18.0	INLETS TA T1F&G	694.24							690.74			691.95	60236800				
602	29+31.0	-18.0	CB TA 4 DIA T1F&G	694.12					690.37		690.37				691.83	60201105			
604	29+00.0	18.0	INLETS TA T1F&G	694.24							690.74			691.95	60236800				
606	29+31.0	18.0	CB TA 4 DIA T1F&G	694.12			690.21		690.21		EX 690.21	690.21			60201105				
608	29+47.0	24.0	CB TC T8G	693.70											691.41	60207605			
616	33+00.0	24.4	CB TC T8G	695.25											692.96	60207605			
618	33+00.0	-28.5	CB TC T8G	695.24					692.00						692.95	60207605			
620	32+84.5	20.7	CB TA 4 DIA T1F&G	695.47			691.75				691.86				60201105				
622	32+85.1	-19.6	CB TA 4 DIA T1F&G	695.43							691.56			691.87	60201105				
630	35+20.0	23.2	CB TA 4 DIA T8G	695.56							691.56			692.66	693.27	60200805			
632	35+23.4	17.4	EX INLET	EX 695.59			EX 692.64		692.64						693.30	SEE UTILITY REMOVAL AND ADJUSTMENT SCHEDULE			
634	35+20.0	-27.0	CB TA 4 DIA T8G	694.78							692.37			692.49	60200805	SEE UTILITY REMOVAL AND ADJUSTMENT SCHEDULE			
636	35+21.8	-17.3	EX MANHOLE	EX 695.44			692.34				EX 692.34			EX 692.34	693.15	SEE UTILITY REMOVAL AND ADJUSTMENT SCHEDULE			
83RD STREET																			
700	45+50.0	-17.6	INLETS TA T1F&G	705.18							701.58				60236800				
702	45+50.0	17.6	CB TA 4 DIA T1F&G	705.18			701.41				701.41				60201105				
704	45+50.0	25.0	CB TA 4 DIA T8G	704.75			701.30				701.30				60200805				
706	47+50.0	25.0	CB TA 4 DIA T8G	702.64			699.06		699.50		699.00				60200805				
708	49+50.0	34.4	MAN TA 4 DIA T1F CL	701.90			696.84				696.84				60218400				
710			OMITTED																
712	52+00.0	33.7	CB TA 5 DIA T1F&G	698.61			694.53	694.53	694.53		693.48				60204805				
714	47+60.0	-18.0	INLETS TA T1F&G	702.93							699.35				60236800				
716	47+50.0	-18.0	CB TA 4 DIA T1F&G	702.98							699.31			700.69	60201105				
718	47+50.0	18.0	CB TA 4 DIA T1F&G	702.98			699.16				699.16			700.69	60201105				
720	48+45.5	-54.5	INLETS TA T1F&G	702.47							698.85				60236800				
722	48+47.0	-46.6	CB TA 4 DIA T1F&G	702.40			698.71		698.71		697.98				60201105				
724	48+20.6	-55.3	INLETS TA T1F&G	702.53							698.90				60236800				
726	48+19.1	-46.9	CB TA 4 DIA T1F&G	702.58			698.87				698.83				60201105				
728	48+45.8	-26.2	MAN TA 4 DIA T1F CL	702.22			697.90		EX 697.94		EX 697.90				60218400				
730	49+50.0	-18.0	INLETS TA T1F&G	700.77							697.11				60236800				
732	49+50.0	25.9	CB TA 4 DIA T1F&G	700.61			696.90		696.90		696.90				60201105				
734	49+00.0	28.5	CB TA 4 DIA T8G	701.05							697.13				60200805				
736	51+50.0	30.2	INLETS TA T1F&G	698.76							695.10			696.47	60236800				
738	51+64.9	30.2	CB TA 4 DIA T1F&G	698.71							695.04		695.04		60201105				
740	51+75.0	-23.4	CB TA 4 DIA T1F&G	698.80					EX 695.00		695.00			696.51	60201105				
742	52+00.0	-30.2	CB TA 4 DIA T1F&G	698.64							694.85				60201105				
800	53+50.0	36.2	MAN TA 4 DIA T1F CL	699.01			694.08		693.08		693.08				60218400				
802	55+75.0	34.2	CB TA 5 DIA T8G	699.78							693.57				60204505				
804	56+01.0	23.8	MAN TA 4 DIA T1F CL	700.77							693.62			EX 694.82	60218400				
806			OMITTED																
808	54+00.0	28.0	CB TC T8G	698.62					694.33						693.15	60207605			
810	53+50.0	27.7	CB TA 4 DIA T1F&G	698.58							694.10				60201105				
812	54+50.0	-43.5	CB TC T8G	697.00						693.82					60207605				
814	53+69.9	-30.4	INLETS TA T1F&G	698.61					695.00						695.11	60236800			
816	53+49.8	-33.9	CB TA 4 DIA T1F&G	698.52							694.91				60201105				
818	55+75.0	-30.0	INLETS TA T1F&G	700.13							696.67				60236800				
820	55+75.0	18.0	CB TA 4 DIA T1F&G	700.37			696.44				696.44								

DRAINAGE PIPE SCHEDULE

LOCATION			SLOPE (%)	TRENCH BACKFILL (CU YD)	PIPE CULVERTS CLASS C, TYPE 1 (FOOT)	STORM SEWERS CLASS A, TYPE 1					STORM SEWERS CLASS A, TYPE 2					STORM SEWER WATER MAIN REQUIREMENTS										
ID NUMBER	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STRUCTURE ID NUMBER				12" (FOOT)	15" (FOOT)	18" (FOOT)	30" (FOOT)	36" (FOOT)	12" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	42" (FOOT)	48" (FOOT)	54" (FOOT)	12" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	42" (FOOT)	54" (FOOT)	
EOLA ROAD				20800150	542C0217	550A0050	550A0070	550A0090	550A0140	550A0160	550A0340	550A0380	550A0410	550A0430	550A0450	550A0470	550A0480	550A0490	Z0056608	Z0056612	Z0056616	Z0056620	Z0056622	Z0056624	Z0056628	
101	100	102	0.44%	3.3		25.0																				
103	102	104	0.57%	0.5		3.5																				
105	106	108	0.51%	3.4															25.5							
107	OMITTED																									
109	114	112	0.57%	1.1		7.0																				
111	118	116	0.50%	7.6							22.0															
113	116	112	0.49%	14.4							45.0															
115	112	120	0.33%	79.3									85.5													
117	120	122	0.19%	20.9																		31.5				
119	122	124	0.36%	4.4										5.5												
121	124	126	0.14%											63.5												
123	128	120	0.20%	16.9																						
125	130	128	0.26%	128.9																						
127	132	130	0.26%	176.8								196.0								170.5		41.0				
129	134	132	0.50%	163.0																						
131	136	128	0.50%	1.2							171.0															
133	138	136	0.59%	3.9							4.0															
135	140	130	0.55%	1.5		5.5					22.0															
137	142	140	0.49%	20.8		65.0																				
139	144	132	0.57%	1.8		7.0																				
141	146	144	0.52%	17.3		54.0																				
143	148	134	0.53%	4.8							7.5															
145	150	148	0.51%	37.2							51.0															
147	152	150	0.51%	8.4							43.0															
149	154	152	0.49%	9.8		28.5																				
151	162	156	0.35%	22.3																						
153	160	158	0.60%			5.0	183.5																			
201	202	200	0.07%	72.2																						
203	204	202	0.08%	18.6																						
205	206	204	1.05%	2.7		9.5																				
207	208	206	1.00%	17.0		53.0																				
209	210	204	0.06%	291.5																						
211	214	210	0.44%	9.3																						
213	212	254	0.44%	3.6		27.0																				
215	216	214	0.47%	5.7		43.0																				
217	218	210	0.10%	22.2																						
219	220	218	0.07%	123.3																						
221	222	220	0.11%	29.4																						
223	224	222	0.11%	72.3							142.5															
225	226	224	0.10%	162.5							79.0															
227	228	226	0.10%	86.5																						
229	230	228	0.10%	59.5																						
231	232	230	0.11%	9.6																						
233	234	232	0.10%	13.2																						
235	400	234	0.10%	29.5																						
237	236	220	0.57%	1.1																						
239	238	236	0.57%	1.0																						
241	240	222	0.53%	1.0		7.5																				
243	242	224	0.48%	10.9																						
245	244	242	2.22%	7.7		22.5																				
247	246	226	0.48%	3.9																						
249	248	228	0.53%	1.0		7.5																				
251	250	230	0.53%	1.5																						
253	252	250	0.57%	1.1																						
255	254	232	0.44%	6.0																						
257	256	234	0.55%	0.8		5.5																				
259	258	256	0.52%	8.7																						
261	260	256	0.57%	1.0																						
301	300	302	0.57%	1.1		7.0																				
303	302	218	0.56%	3.3																						
305	304	218	0.56%	13.8																						
307	306	304	9.71%	1.0																						
309	308	304	0.48%	9.8		41.5																				
311	310	308	2.12%	2.3		17.0																				
313	312	220	0.08%	58.9																						
315	314	316	6.80%	1.7		7.5																				
317	316	312	0.52%	2.8																						
319	318	312	0.07%	158.2																						
321	320	318	0.07%	383.8																						
323	322	320	0.08%	97.6																						
325	324	322	0.08%	246.3																						
327	326	324	0.08%	74.4																						
329	328	326	0.09%	114.7																						
331	500	328	0.08%	214.8																						
333	330	318	1.00%	0.8		3.0																				
335	332	322	1.00%	1.6																						
337	334	324	0.50%	0.6																						
339	336	334	0.57%	1.1		7.0																				
341	338	326	0.58%	7.8		33.0																				
343	340	338	0.51%	8.7		25.5																				
345	342	328	0.54%	4.5																						
347	344	342	0.57%	1.0																						
349	346	320	2.06%	17.3																						

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 10/30/2015 09:04 AM
 FILE NAME: 86138384-sht-drain-sched02-pipes.dgn
 PLOT DRIVER: IL_Pdf_wchrtc.fg
 PEN TABLE: plottbl.tbl

DRAINAGE PIPE SCHEDULE

LOCATION			SLOPE (%)	TRENCH BACKFILL (CU YD)	PIPE CULVERTS CLASS C, TYPE 1 (FOOT)	STORM SEWERS CLASS A, TYPE 1					STORM SEWERS CLASS A, TYPE 2							STORM SEWER WATER MAIN REQUIREMENTS								
ID NUMBER	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STRUCTURE ID NUMBER				12" (FOOT)	15" (FOOT)	18" (FOOT)	30" (FOOT)	36" (FOOT)	12" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	42" (FOOT)	48" (FOOT)	54" (FOOT)	12" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	42" (FOOT)	54" (FOOT)	
EOLA ROAD																										
401	402	400	0.17%	29.9																						
403	404	402	0.18%	28.3																						
405	406	404	0.59%	21.5																						
407	OMITTED																									
409	410	400	0.53%	1.0				7.5																		
411	412	402	0.50%	1.1				8.0																		
413	414	404	0.50%	1.1				8.0																		
501	502	500	0.28%	67.4																						
503	504	502	0.27%	73.2																						
505	506	504	0.22%	110.4																						
507	508	506	0.13%	63.5																						
509	510	508	0.79%	2.9																						
511	512	510	0.80%	11.1																						
513	514	512	0.55%	99.4																						
515	516	514	1.10%	110.4																						
517	518	516	0.50%	79.2																						
519	520	518	0.46%	1.0																						
521	522	502	0.50%	1.4																						
523	524	522	0.55%	2.2																						
525	526	524	2.83%	6.6																						
527	528	522	0.57%	1.9																						
529	530	528	0.52%	8.6																						
531	532	530	0.53%	4.5																						
533	534	504	0.48%	1.6																						
535	536	512	0.60%	1.1																						
537	538	536	0.53%	3.7																						
539	540	536	0.48%	26.3																						
541	542	540	0.57%	1.1																						
543	544	514	0.50%	1.2																						
545	546	544	0.49%	22.9																						
547	548	516	0.50%	1.1																						
549	550	548	0.50%	18.6																						
SUBTOTAL EOLA ROAD					4,055.9	0.0	680.5	183.5	0.0	56.5	665.0	612.5	342.0	393.5	69.0	412.5	491.0	579.5	290.5	415.5	170.5	186.5	107.0	187.5	130.5	117.0
87TH STREET (KEATING DRIVE)																										
601	600	602	1.32%	3.7																						
603	604	606	1.89%	3.7																						
605	602	606	0.50%	11.0																						
607	608	606	0.50%	1.9																						
617	616	620	1.08%	3.9																						
619	618	622	0.90%	4.1																						
621	620	622	0.51%	11.9																						
623	622	114	0.49%	6.9																						
631	630	632	0.80%	0.6																						
633	634	636	0.60%	1.1																						
SUBTOTAL 87TH STREET (KEATING DRIVE)					48.8	0.0	219.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83RD STREET (MONTGOMERY ROAD)																										
701	700	702	0.52%	10.6																						
703	702	704	2.44%	0.6																						
705	704	706	0.91%	42.4																						
707	706	734	1.27%	41.4																						
709	708	712	0.94%	88.3																						
711	738	712	1.65%	4.8																						
713	712	406	0.50%	17.5																						
715	714	716	0.57%	1.0																						
717	716	718	0.47%	10.3																						
719	718	706	3.33%	0.4																						
721	720	722	2.80%	0.7																						
723	726	722	0.50%	7.7																						
725	724	726	0.55%	0.8																						
727	722	728	0.46%	3.4																						
729	730	732	0.50%	13.5																						
731	732	708	1.09%	1.0																						
733	734	732	0.49%	6.2																						
735	736	738	0.50%	1.6																						
737	OMITTED																									
739	740	742	0.67%	3.5																						
741	742	712	0.51%	21.5																						
801	800	506	0.23%	17.8																						
803	802	800	0.22%	168.9																						
805	804	802	0.21%	21.3																						
807	OMITTED																									
809	808	810	0.49%	9.2																						
811	810	800	0.44%	1.1																						
813	812	508	0.50%	22.2																						
815	814	816	0.49%	2.5	</																					

DRAINAGE PIPE SCHEDULE

LOCATION			SLOPE (%)	TRENCH BACKFILL (CU YD)	PIPE CULVERTS CLASS C, TYPE 1 (FOOT)	STORM SEWERS CLASS A, TYPE 1					STORM SEWERS CLASS A, TYPE 2							STORM SEWER WATER MAIN REQUIREMENTS									
						12" (FOOT)	15" (FOOT)	18" (FOOT)	30" (FOOT)	36" (FOOT)	12" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	42" (FOOT)	48" (FOOT)	54" (FOOT)	12" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	42" (FOOT)	54" (FOOT)		
83RD STREET (MONTGOMERY ROAD)																											
819	818	820	0.50%	14.8		46.0																					
821	820	802	0.50%	2.6		12.0																					
823	822	824	3.16%	3.5																							
825	824	826	0.48%	2.7																							
827	826	828	0.45%	14.0																							
829	828	830	0.57%	1.0		7.0																					
831	832	828	0.52%	2.1		13.5																					
833	56+31	55+91	0.30%	5.3	40.0																						
835	59+65	59+31	0.26%	4.7	35.0																						
SUBTOTAL 83RD ST (MONTGOMERY RD)					573.0	75.0	474.5	0.0	199.5	0.0	0.0	73.5	0.0	271.0	0.0	0.0	0.0	0.0	0.0	0.0	309.0	246.5	54.0	0.0	0.0	0.0	0.0
TOTAL					4,677.7	75.0	1,374.0	183.5	199.5	56.5	665.0	686.0	342.0	664.5	69.0	412.5	491.0	579.5	290.5	724.5	417.0	240.5	107.0	187.5	130.5	117.0	

PROPOSED PIPE UNDERDRAIN SCHEDULE

LOCATION				PIPE UNDERDRAINS (SPECIAL) 6" (FOOT) 60108200	
UPSTREAM BEGIN STATION	OFFSET (FOOT)	DOWNSTREAM END STATION	OFFSET (FOOT)		
EOLA ROAD					
111+00	36.0	LT	110+00	34.4	
111+00	36.0	RT	110+00	34.3	
118+92	30.0	LT	119+90	28.4	
119+12	30.0	RT	120+15	28.3	
120+37	59.3	RT	120+68	44.6	
120+58	124.0	RT	120+75	63.6	
120+57	78.4	LT	120+56	49.7	
120+94	83.4	LT	121+00	47.3	
122+46	30.0	LT	121+46	27.5	
122+02	49.2	LT	123+00	27.5	
122+46	30.0	RT	121+46	29.0	
123+18	49.0	LT	123+00	27.5	
123+55	30.0	LT	123+00	27.5	
124+00	30.0	LT	123+00	27.5	
126+51	54.5	RT	126+19	34.0	
126+69	46.6	LT	127+00	27.5	
127+58	46.6	LT	127+00	27.5	
127+80	56.6	RT	130+15	43.0	
128+42	30.0	RT	129+42	28.3	
129+98	30.2	RT	129+51	27.5	
128+42	30.0	LT	129+42	28.4	
129+82	30.0	LT	129+52	27.5	
132+10	32.0	LT	131+10	29.4	
132+10	32.0	RT	131+10	29.4	
135+34	33.4	RT	134+50	30.0	
138+05	44.9	LT	137+10	42.6	
138+20	33.3	RT	137+20	31.0	
SUBTOTAL EOLA ROAD					2,225

LOCATION				PIPE UNDERDRAINS (SPECIAL) 6" (FOOT) 60108200	
UPSTREAM BEGIN STATION	OFFSET (FOOT)	DOWNSTREAM END STATION	OFFSET (FOOT)		
87TH STREET					
28+00	20.6	LT	29+00	18.9	
28+00	20.6	RT	29+00	18.8	
30+31	21.9	LT	29+31	18.0	
30+31	20.6	RT	29+47	24.0	
34+00	22.0	LT	33+00	28.5	
34+00	20.3	RT	33+00	24.4	
34+20	21.2	LT	35+20	27.0	
34+28	20.3	RT	35+20	23.2	
35+70	20.2	LT	35+22	18.6	
35+70	20.3	RT	35+23	18.8	
SUBTOTAL 87TH STREET					880
83RD STREET					
46+50	20.6	LT	47+50	18.0	
46+50	20.6	RT	47+50	18.0	
50+50	32.6	RT	51+50	31.0	
50+76	20.6	LT	51+75	23.4	
54+70	32.6	LT	53+70	31.4	
55+00	20.6	RT	54+00	28.0	
58+51	18.6	LT	59+51	13.6	
58+51	18.4	RT	59+51	14.3	
SUBTOTAL 83RD STREET					805
TOTAL					3,910

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 10/30/2015 10:06:16 AM
 FILE NAME: 86138384-shr-drain-sched22-pipe.dwg
 PLOT DRIVER: ll.pdf-plotter
 PEN TABLE: plottable.tbl

HRGreen.com
Illinois Professional Design Firm # 184-001322

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PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE
 PIPES - 83RD STREET

SCALE: NTS SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 74
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DRAINAGE AND WATER MAIN CONFLICT SCHEDULE

PIPE NUMBER	LOCATION		CONFLICT TYPE	TOP OF PIPE ELEVATION	BOTTOM OF PIPE ELEVATION	CLEARANCE (FOOT)	MITIGATION
	STATION	OFFSET (+ RT, - LT)					
105			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
117	109+29.5	-50.10	HORIZONTAL CROSSING	690.00	689.20	-0.80	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 2.3' LOWER.
123			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
125	110+38.7	-44.30	HORIZONTAL CROSSING	690.70	690.25	-0.45	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 1.95' LOWER.
151	117+45.7	30.00	HORIZONTAL CROSSING	687.11	692.32	5.21	NONE. WATER MAIN CROSSES OVER STORM SEWER BY 5.21'.
219	120+55.7	-14.00	HORIZONTAL CROSSING	689.00	688.29	-0.71	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 2.21' LOWER.
233	130+59.7	-17.10	HORIZONTAL CROSSING	690.20	690.88	0.68	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 0.82' LOWER.
237			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
239			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
243	123+92.0	-36.50	HORIZONTAL CROSSING	689.40	691.35	1.95	WATER MAIN QUALITY STORM SEWER PIPE.
247	125+41.7	-33.40	HORIZONTAL CROSSING	690.65	693.05	2.40	WATER MAIN QUALITY STORM SEWER PIPE.
253			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
255	130+17.8	-32.25	HORIZONTAL CROSSING	690.83	691.70	0.87	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 0.63' LOWER.
259	130+90.1	-32.60	HORIZONTAL CROSSING	688.72	692.24	3.52	WATER MAIN QUALITY STORM SEWER PIPE.
261			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
305	120+25.0	23.10	HORIZONTAL CROSSING	691.10	691.21	0.11	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 1.39' LOWER.
307			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
329	130+63.4	46.60	HORIZONTAL CROSSING	691.31	689.66	-1.65	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 3.15' LOWER.
345	131+00.0	34.80	HORIZONTAL CROSSING	691.50	692.06	0.56	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 0.94' LOWER.
347			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
401	133+78.5	-18.04	HORIZONTAL CROSSING	691.70	692.37	0.67	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 0.83' LOWER.
501	132+89.9	47.10	HORIZONTAL CROSSING	691.74	689.85	-1.89	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 3.39' LOWER.
503	133+78.7	43.76	HORIZONTAL CROSSING	691.91	690.63	-1.28	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 2.61' LOWER.
507	136+36.5	55.59	HORIZONTAL CROSSING	693.10	692.79	-0.31	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 1.81' LOWER.
539	137+00.0	-37.77	HORIZONTAL CROSSING	691.63	694.84	3.21	WATER MAIN QUALITY STORM SEWER PIPE.
541			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
545	138+50.0	-37.49	HORIZONTAL CROSSING	695.19	696.28	1.09	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 0.41' LOWER.
709	50+39.8	34.50	HORIZONTAL CROSSING	694.27	695.80	1.53	WATER MAIN QUALITY STORM SEWER PIPE.
713	52+41.7	35.10	HORIZONTAL CROSSING	692.48	693.03	0.55	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 0.95' LOWER.
727	48+46.2	-33.90	HORIZONTAL CROSSING	696.48	697.76	1.28	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 0.22' LOWER.
739	51+94.3	-29.51	HORIZONTAL CROSSING	693.26	694.88	1.62	WATER MAIN QUALITY STORM SEWER PIPE.
741	52+00.0	-29.50	HORIZONTAL CROSSING	693.30	694.68	1.38	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 0.12' LOWER.
813			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
815	53+65.2	-32.30	HORIZONTAL CROSSING	693.71	694.81	1.10	WATER MAIN QUALITY STORM SEWER PIPE AND ADJUST WATER MAIN 0.40' LOWER.
817			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.
823	59+23.6	-22.81	HORIZONTAL CROSSING	694.22	696.68	2.46	WATER MAIN QUALITY STORM SEWER PIPE.
825			LESS THAN 10' HORIZONTAL SEPERATION				WATER MAIN QUALITY STORM SEWER PIPE.

CONSTRUCTION NOTE:

WATER MAIN ADJUSTMENTS, INCLUDING FIRE HYDRANT WORK, SHALL BE PERFORMED IN ADVANCE OF STORM SEWER CONSTRUCTION UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: JCH
 DATE PLOTTED: 10/30/2015 10:08:08 AM
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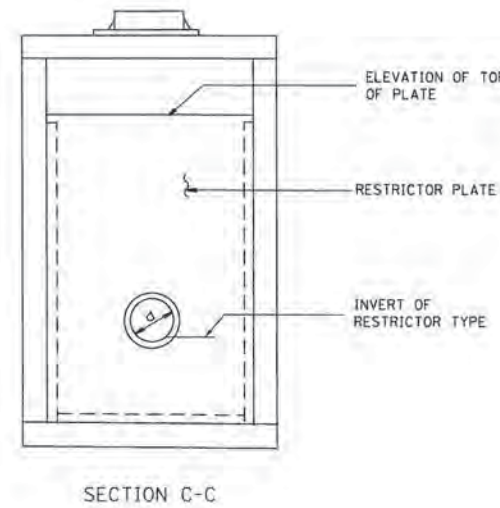
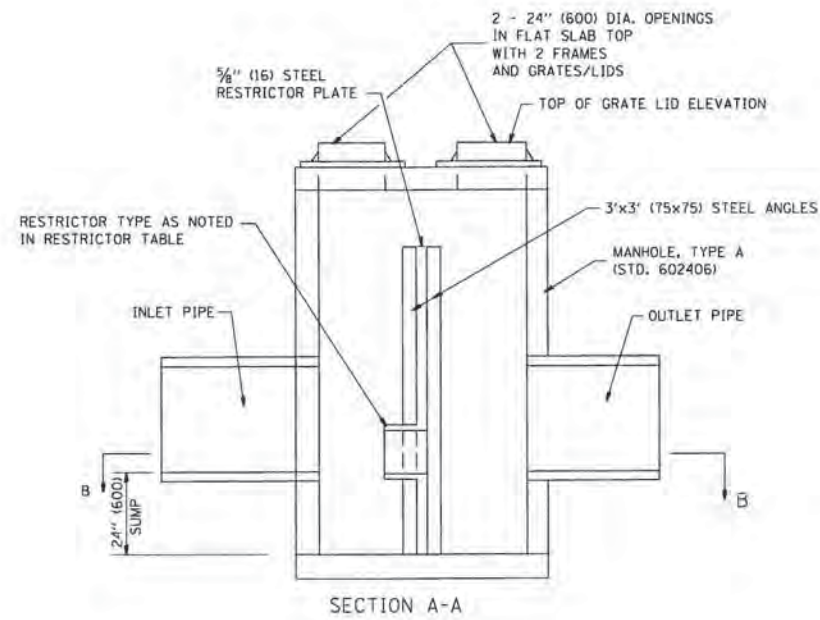
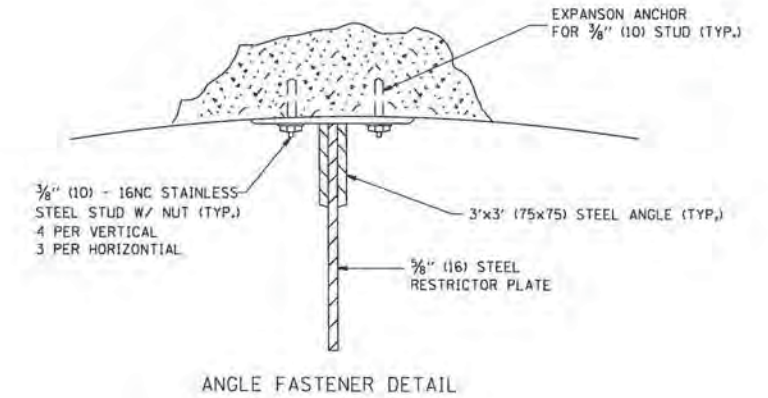
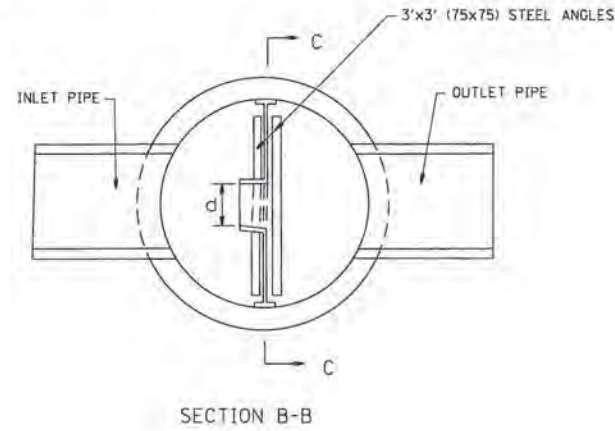
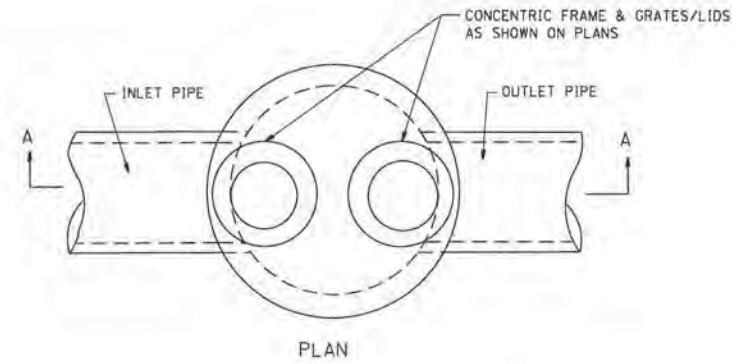


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PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED =

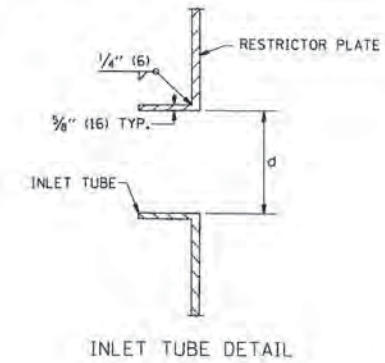
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULE	
DRAINAGE AND WATER MAIN CONFLICTS	
SCALE: NTS	SHEET NO. 6 OF 6 SHEETS STA. TO STA.

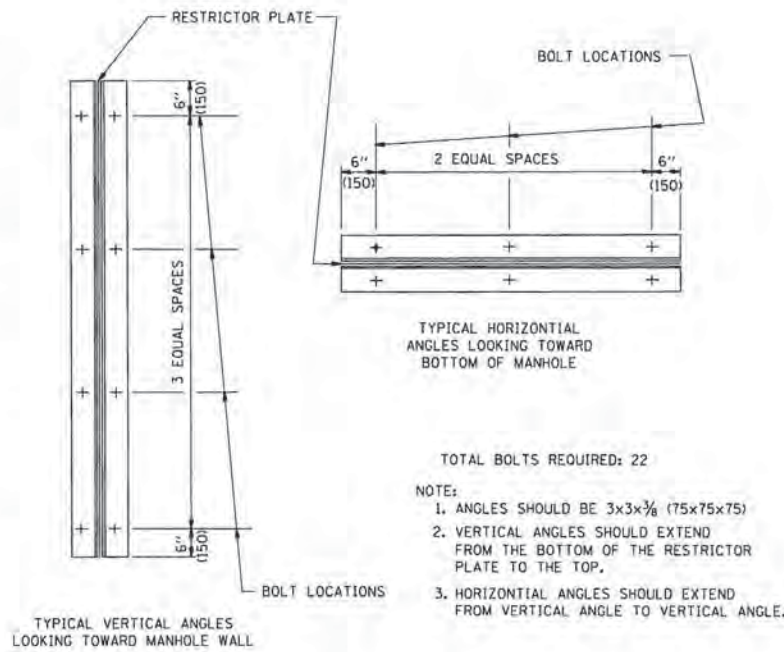
F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 75
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
 2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
 3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE I FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER In. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
109+42.8	6'	(2) T1F CL	3	14	689.17	693.00
117+90	8'	(2) T1F CL	3	33	688.58	693.00



- TOTAL BOLTS REQUIRED: 22
- NOTE:
1. ANGLES SHOULD BE 3x3x3/8 (75x75x75)
 2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
 3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

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

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

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

COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 10/30/2015 10:20 AM
 FILE NAME: 86130384-shr-dat-B012.dgn
 PLOT DRIVER: rl.pdf_driver.ctb
 PEN TABLE: plotfont.tbl

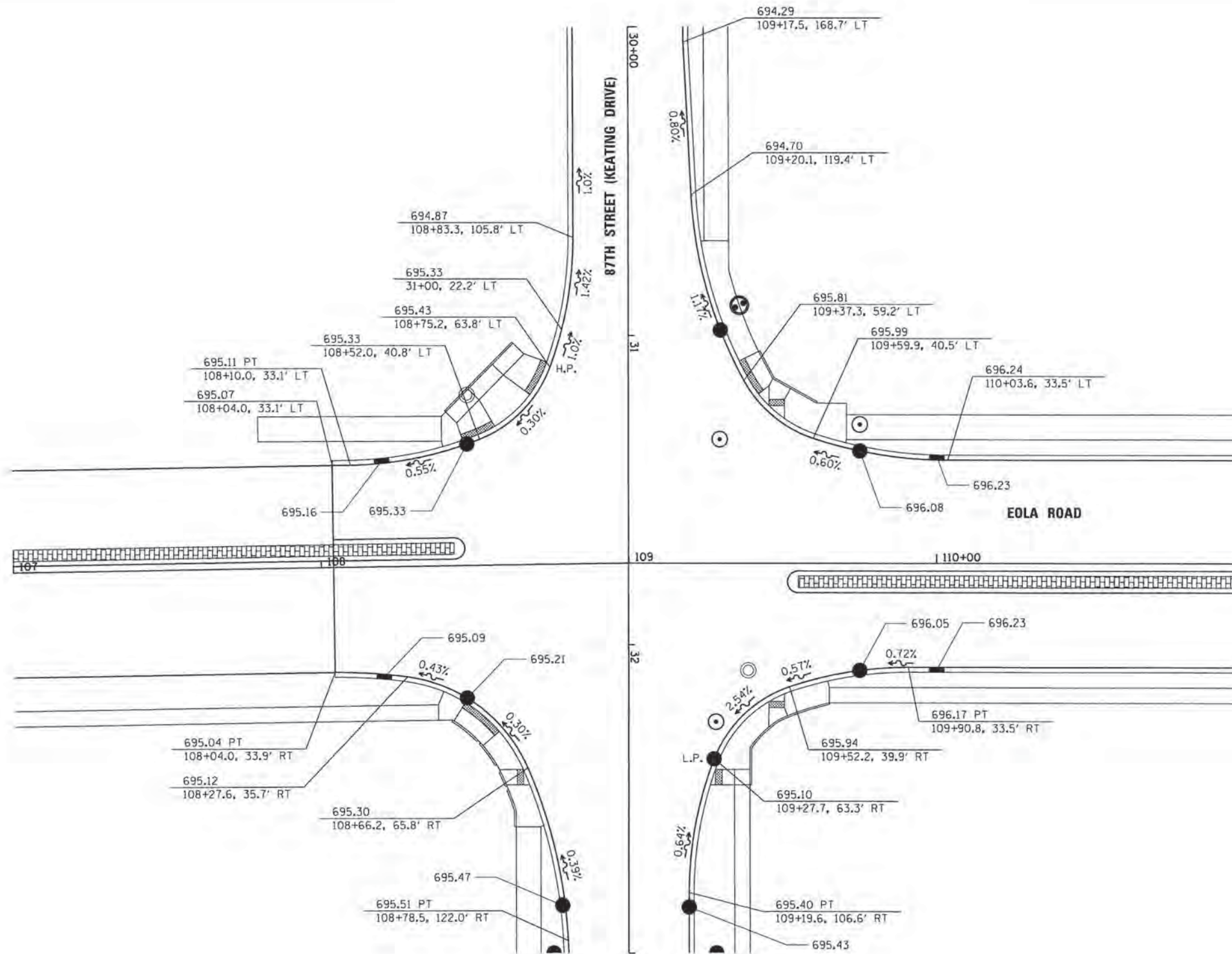
HRGreen
 Illinois Professional Design Firm
 # 154-01332

USER NAME = dstancz	DESIGNED -	REVISED -
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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 76
BD600-04	(BD-12)	CONTRACT NO.	61C06	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEGEND

DETECTABLE WARNINGS

ELEVATION STA., OFF

DRAINAGE ARROW

NOTE: SEE SIDEWALK RAMP DETAILS FOR CURB RAMP ELEVATIONS



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: ddsenaz
 CLIENT: 10/30/2015 10:23 AM
 FILE NAME: 86138384-shr-1-10-15.dwg
 PLOT DRIVER: il_pdf_wplcfcg
 PEN TABLE: p10.tbl



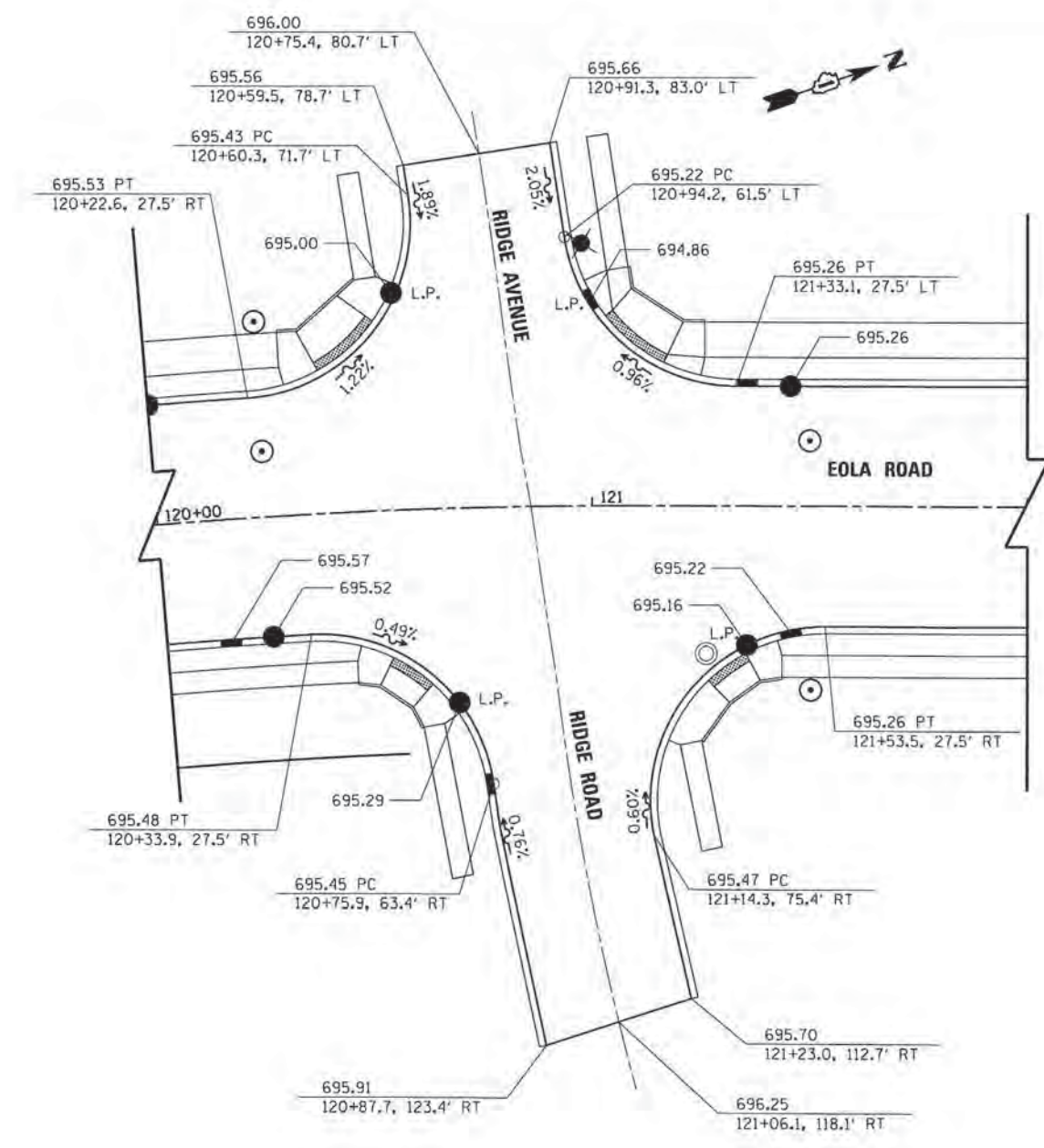
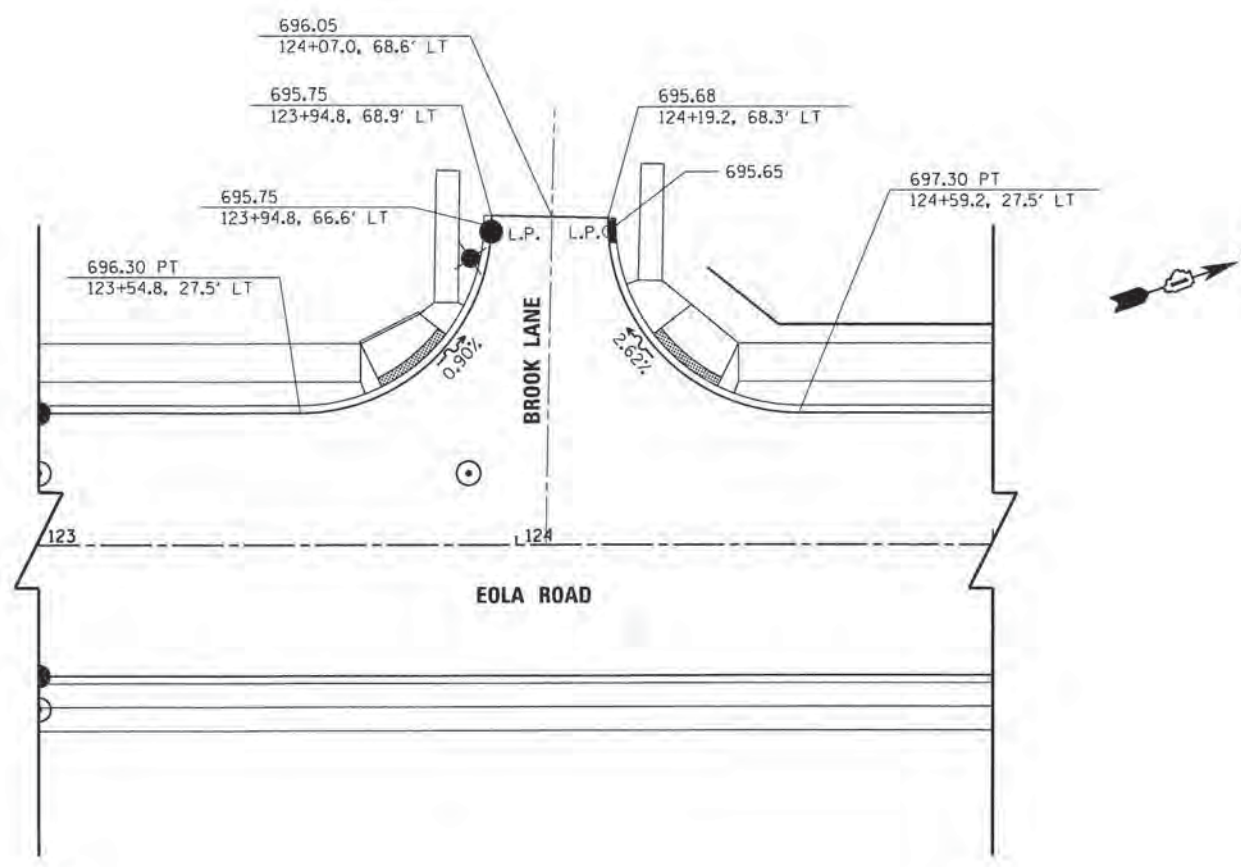
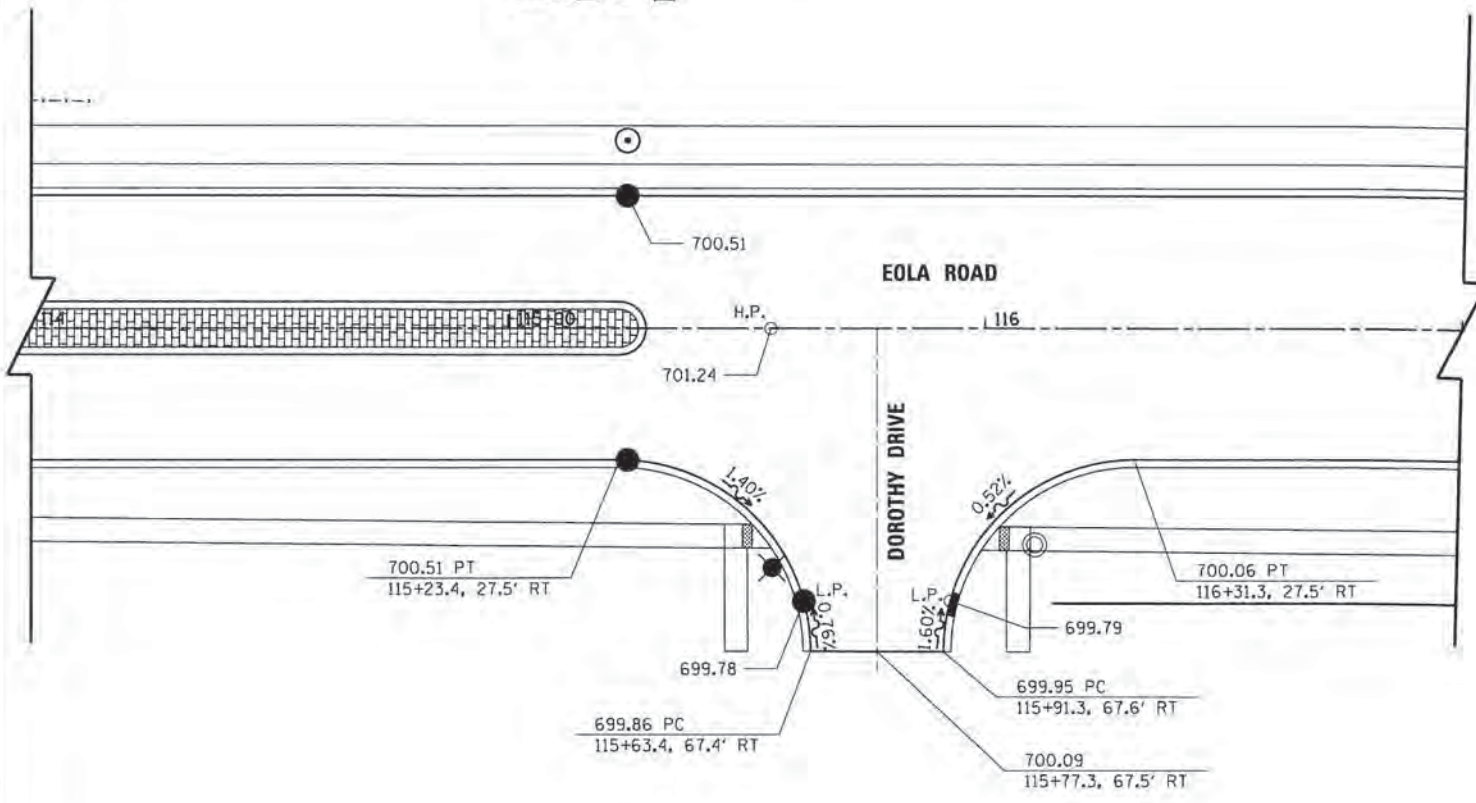
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FILE NAME = 86138384-shr-1-10-15.dwg	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADING PLANS
 EOLA ROAD**

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

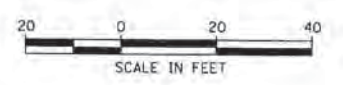
F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 77
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEGEND

- DETECTABLE WARNINGS
- ELEVATION STA., OFF
- DRAINAGE ARROW

NOTE: SEE SIDEWALK RAMP DETAILS FOR CURB RAMP ELEVATIONS



COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 10/30/2015 9:02:25 AM
 FILE NAME: R:\proj\10-2015\10-2015-02.dgn
 PLOT DRIVER: ac_plt_drv.cpl
 PEN TABLE: #PEN_TABLE#



USER NAME = dstantcz	DESIGNED = JS	REVISED =
FILE NAME = B6128384-sh1t-1gp02.dgn	DRAWN = DMS	REVISED =
PLOT SCALE = 1" = 20'	CHECKED =	REVISED =
PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED =




**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADING PLANS
 EOLA ROAD**

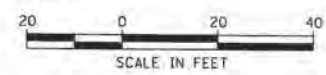
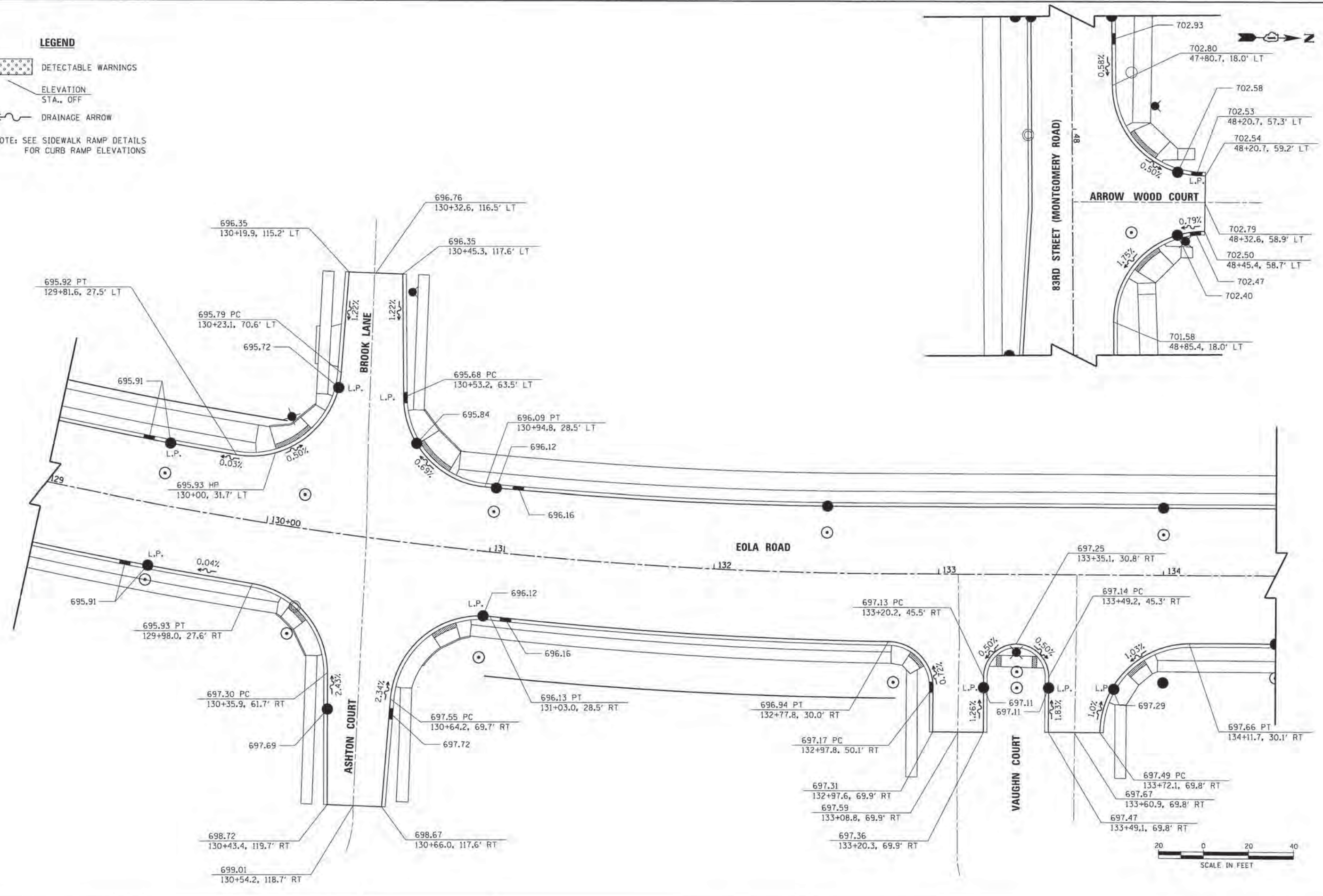
SCALE: 1" = 20' SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 78
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

LEGEND

-  DETECTABLE WARNINGS
-  ELEVATION STA., OFF
-  DRAINAGE ARROW

NOTE: SEE SIDEWALK RAMP DETAILS FOR CURB RAMP ELEVATIONS



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: #PROJECT_CONTACTS
 CLIENT: #CLIENTS
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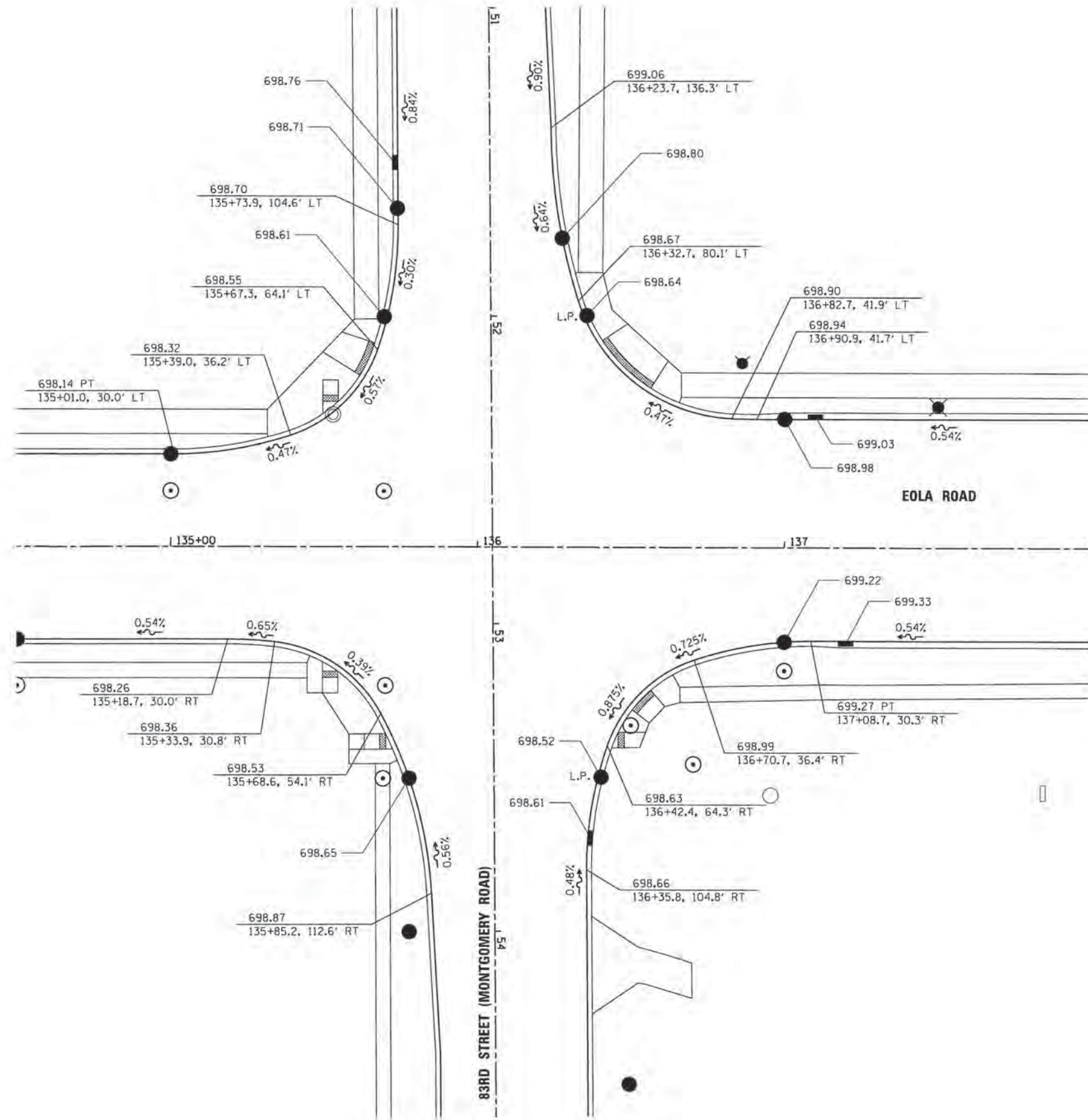
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PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADING PLANS
 EOLA ROAD**

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

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 79
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61C06	



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: #PROJECT_CONTACTS
 CLIENT: #CLIENTS
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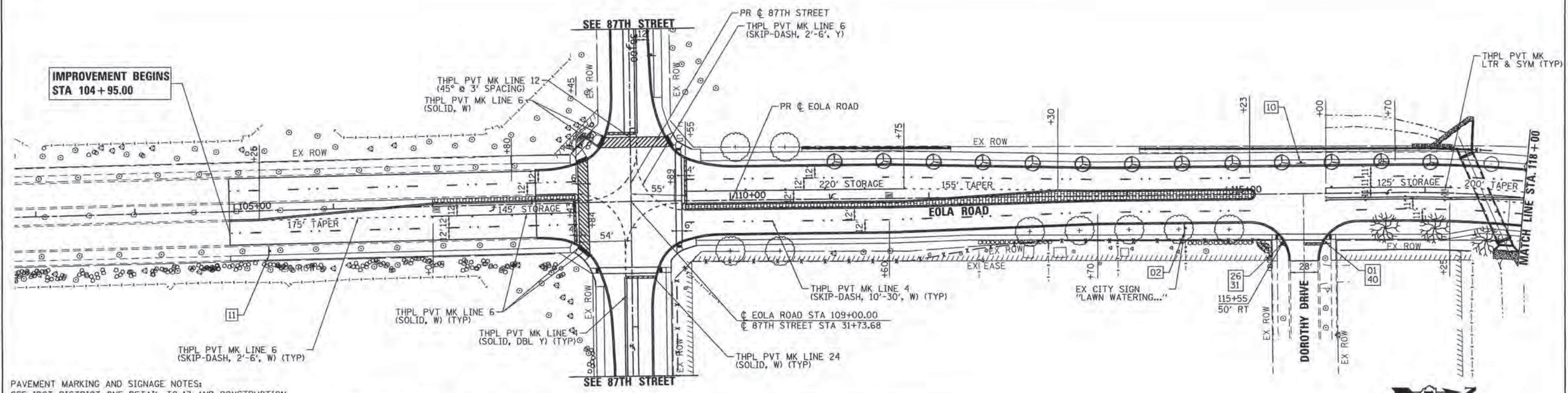
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PLOT SCALE = 1" = 20'	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADING PLANS
 EOLA ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	80
CONTRACT NO.				61C06
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



IMPROVEMENT BEGINS
STA 104+95.00

PAVEMENT MARKING AND SIGNAGE NOTES:
SEE IDOT DISTRICT ONE DETAIL TC-13 AND CONSTRUCTION DETAILS FOR ADDITIONAL PAVEMENT MARKING AND MARKER DETAILS.

ALL SIGNS WITHIN THE CITY RIGHT-OF-WAY SHALL CONFORM WITH MUTCD OR ILMUTCD AND INCLUDE DIAMOND GRADE DG3 REFLECTIVE SHEETING AND BE INSTALLED ON 2" GS TELESCOPING POST WITH GS WINGED SOIL ANCHORS.

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER THE CONSTRUCTION DETAILS AND DISTRICT 1 DETAIL (TC-11).

SEE EROSION CONTROL PLANS FOR SEEDING LIMITS.

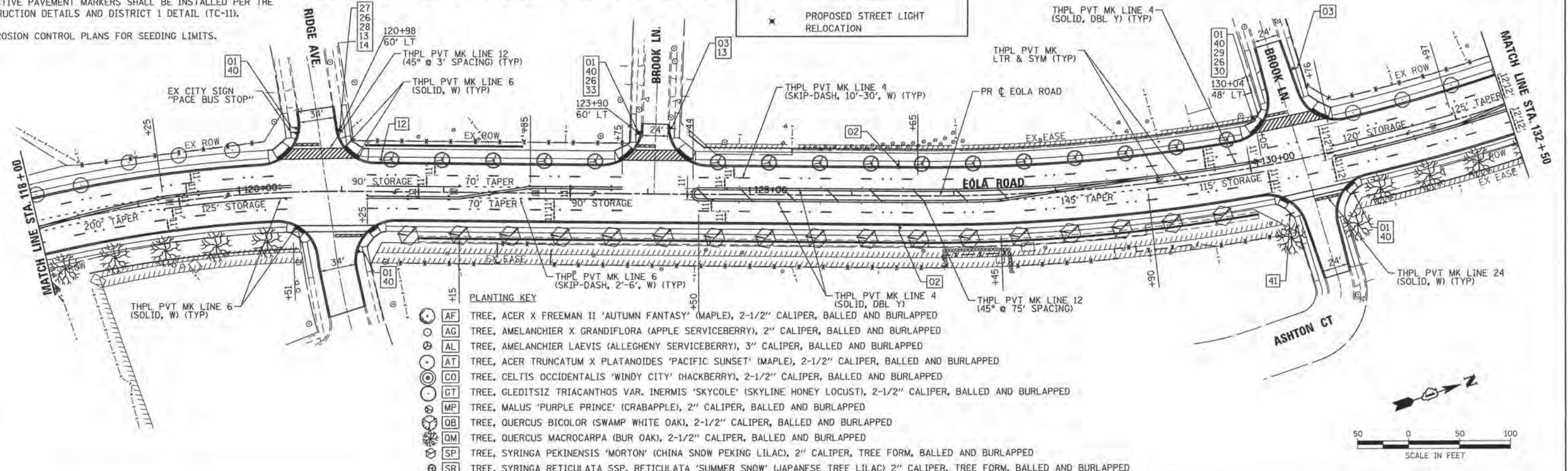
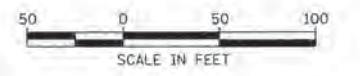
LANDSCAPING NOTES:
THE CONTRACTOR SHALL STAKE ALL TREE LOCATIONS PRIOR TO INSTALLATION AND CONTACT THE RESIDENT ENGINEER FOR APPROVAL.

ALL PLANTS SHALL BE NURSERY GROWN PLANTS MEETING AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA) STANDARDS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI 260.1-2004).

PLANTS ARE TO BE TYPICAL IN SHAPE AND SIZE FOR SPECIES AND MATCHED IN FORM.

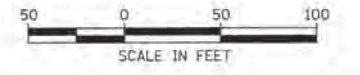
LEGEND

- XX PROPOSED SIGN (SEE SIGN LEGEND)
- x-x- POLYETHYLENE FENCE NON-NOISE REDUCTION (SEE SCHEDULE FOR DETAILED LOCATION INFORMATION)
- * PROPOSED STREET LIGHT RELOCATION



PLANTING KEY

AF	TREE, ACER X FREEMAN II 'AUTUMN FANTASY' (MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
AG	TREE, AMELANCHIER X GRANDIFLORA (APPLE SERVICEBERRY), 2" CALIPER, BALLED AND BURLAPPED
AL	TREE, AMELANCHIER LAEVIS (ALLEGHENY SERVICEBERRY), 3" CALIPER, BALLED AND BURLAPPED
AT	TREE, ACER TRUNCATUM X PLATANOIDES 'PACIFIC SUNSET' (MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
CO	TREE, CELTIS OCCIDENTALIS 'WINDY CITY' (HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
GT	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS 'SKYCOLE' (SKYLINE HONEY LOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED
MP	TREE, MALUS 'PURPLE PRINCE' (CRABAPPLE), 2" CALIPER, BALLED AND BURLAPPED
QB	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED
OM	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED
SP	TREE, SYRINGA PEKINENSIS 'MORTON' (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
SR	TREE, SYRINGA RETICULATA SSP. RETICULATA 'SUMMER SNOW' (JAPANESE TREE LILAC) 2" CALIPER, TREE FORM, BALLED AND BURLAPPED



COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen
DATE PLOTTED: 11/11/2015 10:44:47 AM
FILE NAME: 86138384-shs-pmk-01.dgn
PLOT DRIVER: IL_cort_dwgplot17g
PLOT TABLE: plottable.tbl

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

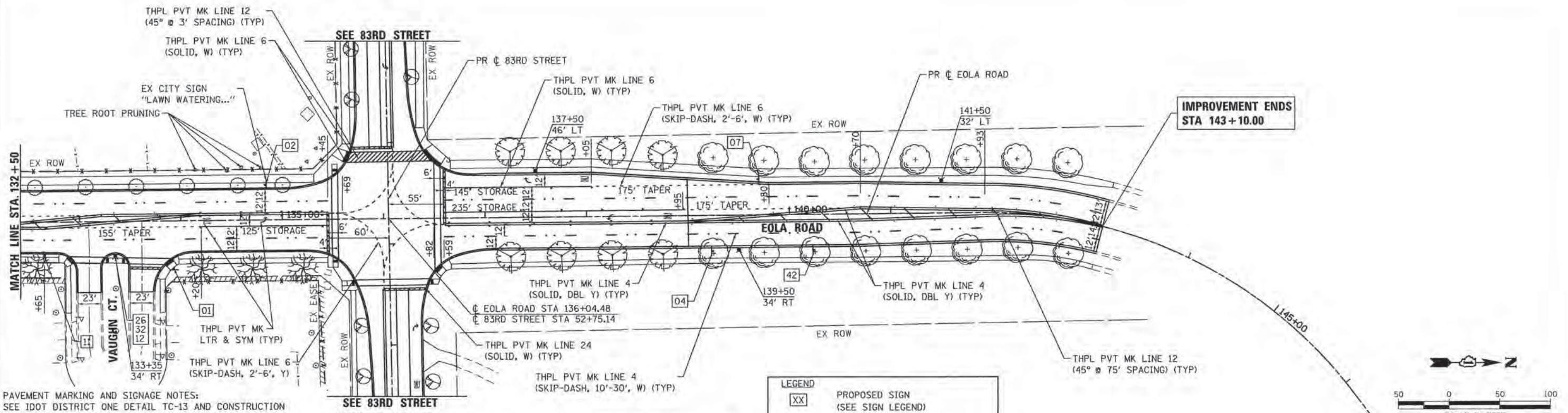
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PLDT SCALE = 1" = 50'	CHECKED - -	REVISED - -
PLDT DATE = 11/11/2015	DATE - -	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING & LANDSCAPING
EOLA ROAD**

SCALE: 1" = 50' SHEET NO. 1 OF 4 SHEETS STA. BEG TO STA. 132+50

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 81
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- XX PROPOSED SIGN (SEE SIGN LEGEND)
- POLYETHYLENE FENCE
- - - - - NON-NOISE REDUCTION (SEE SCHEDULE FOR DETAILED LOCATION INFORMATION)
- x PROPOSED STREET LIGHT RELOCATION

PAVEMENT MARKING AND SIGNAGE NOTES:
 SEE IDOT DISTRICT ONE DETAIL TC-13 AND CONSTRUCTION DETAILS FOR ADDITIONAL PAVEMENT MARKING AND MARKER DETAILS.

ALL SIGNS WITHIN THE CITY RIGHT-OF-WAY SHALL CONFORM WITH MUTCD OR ILMUTCD AND INCLUDE DIAMOND GRADE DG3 REFLECTIVE SHEETING AND BE INSTALLED ON 2" GS TELESCOPING POST WITH GS WINGED SOIL ANCHORS.

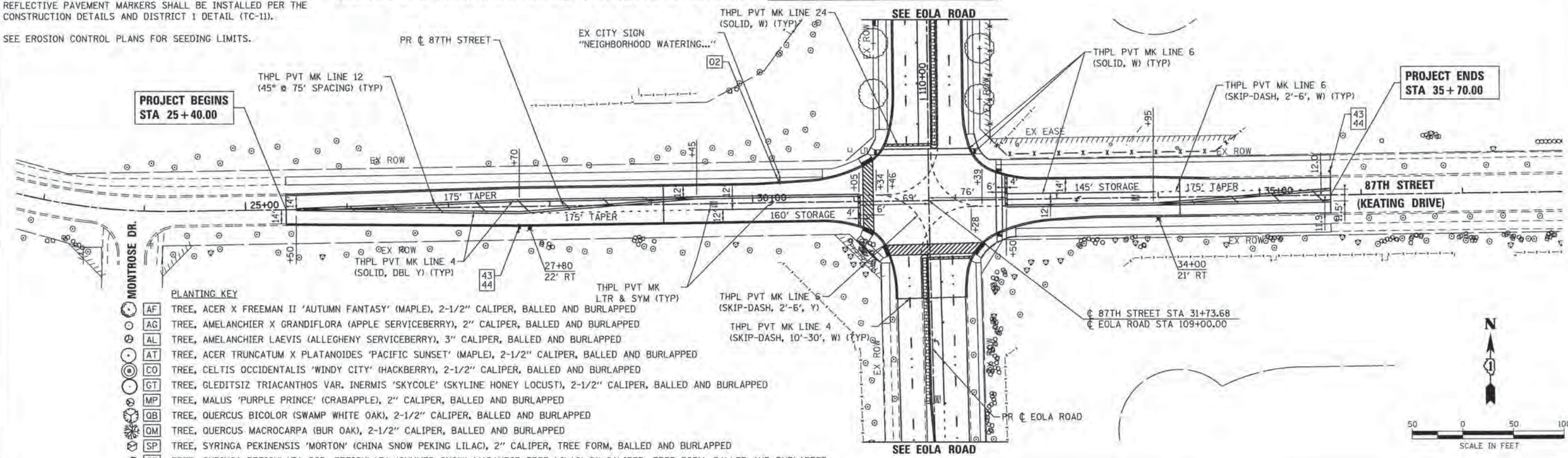
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER THE CONSTRUCTION DETAILS AND DISTRICT I DETAIL (TC-11).

LANDSCAPING NOTES:
 THE CONTRACTOR SHALL STAKE ALL TREE LOCATIONS PRIOR TO INSTALLATION AND CONTACT THE RESIDENT ENGINEER FOR APPROVAL.

ALL PLANTS SHALL BE NURSERY GROWN PLANTS MEETING AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA) STANDARDS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI 260.1-2004).

PLANTS ARE TO BE TYPICAL IN SHAPE AND SIZE FOR SPECIES AND MATCHED IN FORM.

SEE EROSION CONTROL PLANS FOR SEEDING LIMITS.



PLANTING KEY

AF	TREE, ACER X FREEMAN II 'AUTUMN FANTASY' (MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
AG	TREE, AMELANCHIER X GRANDIFLORA (APPLE SERVICEBERRY), 2" CALIPER, BALLED AND BURLAPPED
AL	TREE, AMELANCHIER LAEVIS (ALLEGHENY SERVICEBERRY), 3" CALIPER, BALLED AND BURLAPPED
AT	TREE, ACER TRUNCATUM X PLATANOIDES 'PACIFIC SUNSET' (MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
CO	TREE, CELTIS OCCIDENTALIS 'WINDY CITY' (HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
GT	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS 'SKYCOLE' (SKYLINE HONEY LOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED
MP	TREE, MALUS 'PURPLE PRINCE' (CRABAPPLE), 2" CALIPER, BALLED AND BURLAPPED
QB	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED
QM	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED
SP	TREE, SYRINGA PEKINENSIS 'MORTON' (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
SR	TREE, SYRINGA RETICULATA SSP. RETICULATA 'SUMMER SNOW' (JAPANESE TREE LILAC) 2" CALIPER, TREE FORM, BALLED AND BURLAPPED

COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT CONTACT#
 CLIENT: #CLIENT#
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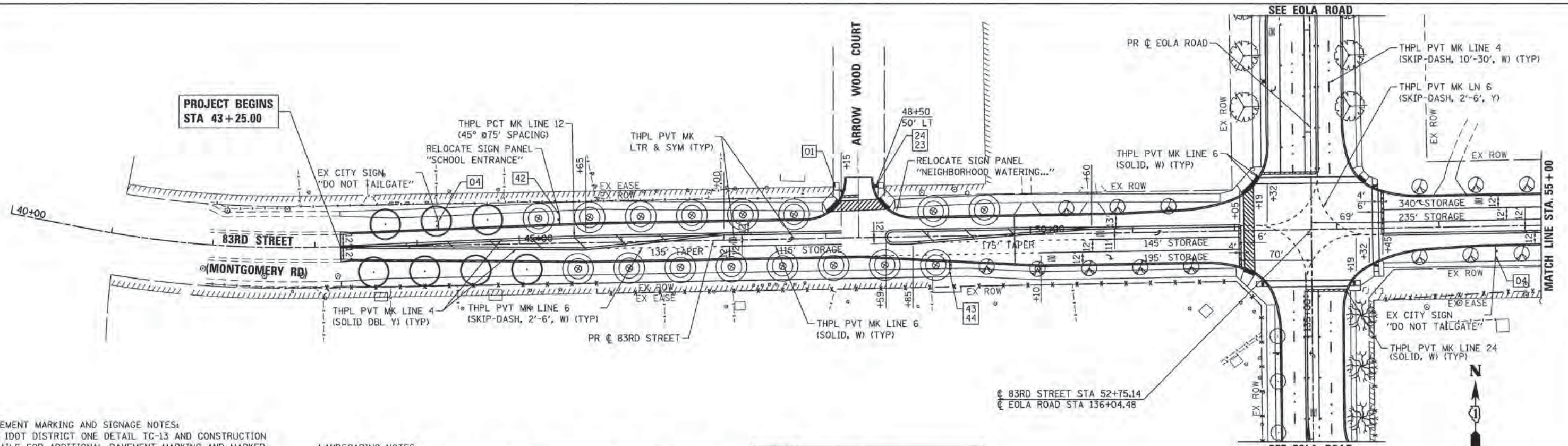
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PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 11/11/2015	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING, SIGNING & LANDSCAPING
 EOLA ROAD/87TH STREET (KEATING DRIVE)

SCALE: 1" = 50' SHEET NO. 2 OF 4 SHEETS STA. 132+50 TO STA. END

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 82
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING AND SIGNAGE NOTES:
 SEE IDOT DISTRICT ONE DETAIL TC-13 AND CONSTRUCTION DETAILS FOR ADDITIONAL PAVEMENT MARKING AND MARKER DETAILS.

ALL SIGNS WITHIN THE CITY RIGHT-OF-WAY SHALL CONFORM WITH MUTCD OR ILMUTCD AND INCLUDE DIAMOND GRADE DG3 REFLECTIVE SHEETING AND BE INSTALLED ON 2" GS TELESCOPING POST WITH GS WINGED SOIL ANCHORS.

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER THE CONSTRUCTION DETAILS AND DISTRICT 1 DETAIL (TC-11).

SEE EROSION CONTROL PLANS FOR SEEDING LIMITS.

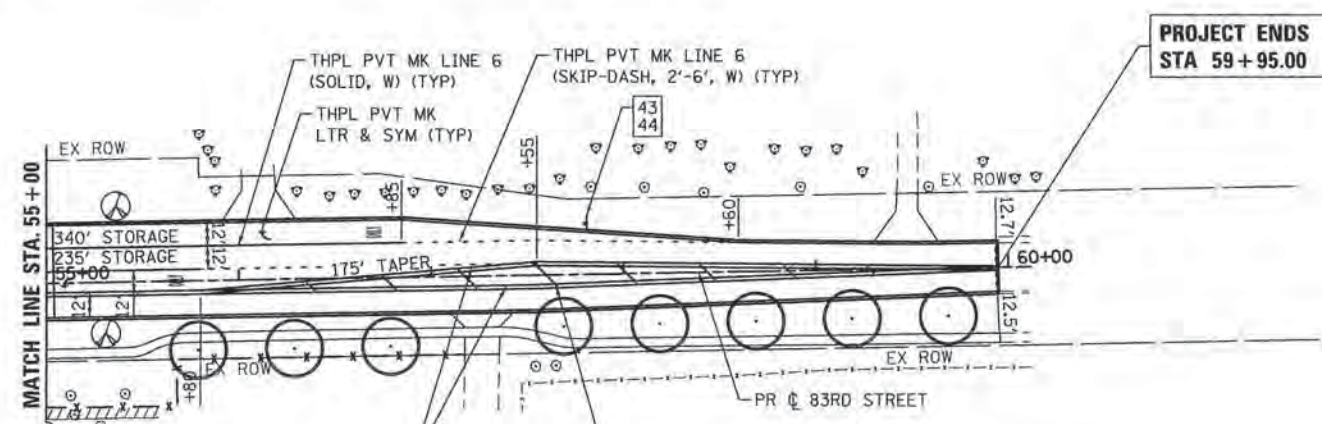
LANDSCAPING NOTES:
 THE CONTRACTOR SHALL STAKE ALL TREE LOCATIONS PRIOR TO INSTALLATION AND CONTACT THE RESIDENT ENGINEER FOR APPROVAL.

ALL PLANTS SHALL BE NURSERY GROWN PLANTS MEETING AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA) STANDARDS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI 260.1-2004).

PLANTS ARE TO BE TYPICAL IN SHAPE AND SIZE FOR SPECIES AND MATCHED IN FORM.

LEGEND

- XX PROPOSED SIGN (SEE SIGN LEGEND)
- POLYETHYLENE FENCE NON-NOISE REDUCTION (SEE SCHEDULE FOR DETAILED LOCATION INFORMATION)
- ✕ PROPOSED STREET LIGHT RELOCATION



PLANTING KEY

AF	TREE, ACER X FREEMAN II 'AUTUMN FANTASY' (MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
AG	TREE, AMELANCHIER X GRANDIFLORA (APPLE SERVICEBERRY), 2" CALIPER, BALLED AND BURLAPPED
AL	TREE, AMELANCHIER LAEVIS (ALLEGHENY SERVICEBERRY), 3" CALIPER, BALLED AND BURLAPPED
AT	TREE, ACER TRUNCATUM X PLATANOIDES 'PACIFIC SUNSET' (MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED
CO	TREE, CELTIS OCCIDENTALIS 'WINDY CITY' (HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED
GT	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS 'SKYCOLE' (SKYLINE HONEY LOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED
MP	TREE, MALUS 'PURPLE PRINCE' (CRABAPPLE), 2" CALIPER, BALLED AND BURLAPPED
QB	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED
QM	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED
SP	TREE, SYRINGA PEKINENSIS 'MORTON' (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
SR	TREE, SYRINGA RETICULATA SSP. RETICULATA 'SUMMER SNOW' (JAPANESE TREE LILAC) 2" CALIPER, TREE FORM, BALLED AND BURLAPPED

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 11/11/2015 11:41:51 AM
 FILE NAME: 86130384-shr-pmk-03.dgn
 PLOTTER: JLPLOT.DWGPRG
 PLOT SCALE: 1" = 50'

HRGreen
 HRGreen.com
 Virtual Professional Design Firm
 #154-001322

USER NAME = dsanoz	DESIGNED -	REVISED -
FILE NAME = 86130384-shr-pmk-03.dgn	DRAWN -	REVISED -
PLDT SCALE = 1" = 50'	CHECKED -	REVISED -
PLDT DATE = 11/11/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING & LANDSCAPING
 83RD STREET (MONTGOMERY ROAD)**

SCALE: 1" = 50' SHEET NO. 3 OF 4 SHEETS STA. 43+25 TO STA. 59+90

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 83
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



01
R1-1
30" X 30"



02
R2-1
24" X 30"



03
R2-1
24" X 30"



04
R2-1
24" X 30"



06
R3-7R
30" X 30"



07
R3-8e
60" X 30"



10
W1-7
30" X 60"



11
R3-8e
48" X 30"



12
R10-7
24" X 30"



13
CUSTOM
12" X 18"



14
CUSTOM
18" X 24"



15
R3-5L
24" X 30"



16
M5-4
24" X 18"



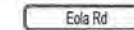
23
CITY DETAIL
36" X 9"



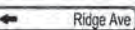
24
CITY DETAIL
36" X 9"



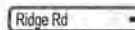
25
CITY DETAIL
36" X 9"



26
CITY DETAIL
24" X 9"



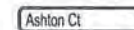
27
CITY DETAIL
24" X 9"



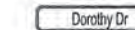
28
CITY DETAIL
24" X 9"



29
CITY DETAIL
24" X 9"



30
CITY DETAIL
24" X 9"



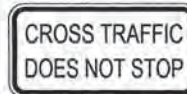
31
CITY DETAIL
24" X 9"



32
CITY DETAIL
24" X 9"



33
CITY DETAIL
24" X 9"



40
W4-4p
24" X 12"



41
W14-2
30" X 30"



42
W1-2R
30" X 30"



43
W3-3
30" X 30"



44
W16-8P
24" X 12"

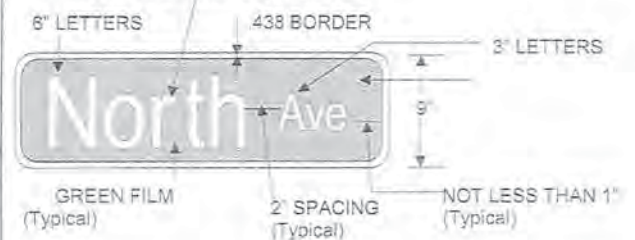
STREET SIGN REQUIREMENTS

All streets shall use a 9" flat aluminum blank with 6" letters, upper and lower case, a no prefix (N, S, E, W) and suffix (St, Ave, etc.) at 3". Sign length is determined by length of street name. The blank is covered with white diamond grade film. The letters are cut and removed from 5/16" green film. This is then placed on or the white to create white letters on a green background.

All signs should be mounted on the northeast corner unless obstructed. Signs may be mounted on light posts with a wing type bracket, one for each sign. Light posts must be at the northeast corner of the intersection.

FLAT ALUMINIUM BLANK THICKNESS .090

WHITE DIAMOND GRADE FILM



Revisions		STREET SIGN REQUIREMENTS	
Date:	By:	Scale:	Checked:
12/15	D. Feiman	None	
Date:	Drawn:	EXHIBIT II-H-1	
	D. Freeway		

COMPANY NAME: HRGreen.com
PROJECT CONTACT: 86130384-ahd-pmk-04.dgn
CLIENT: HRGreen
DATE PLOTTED: 11/11/2015 10:45:53 AM
FILE NAME: 86130384-ahd-pmk-04.dgn
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PEN TABLE: plottbl.tbl



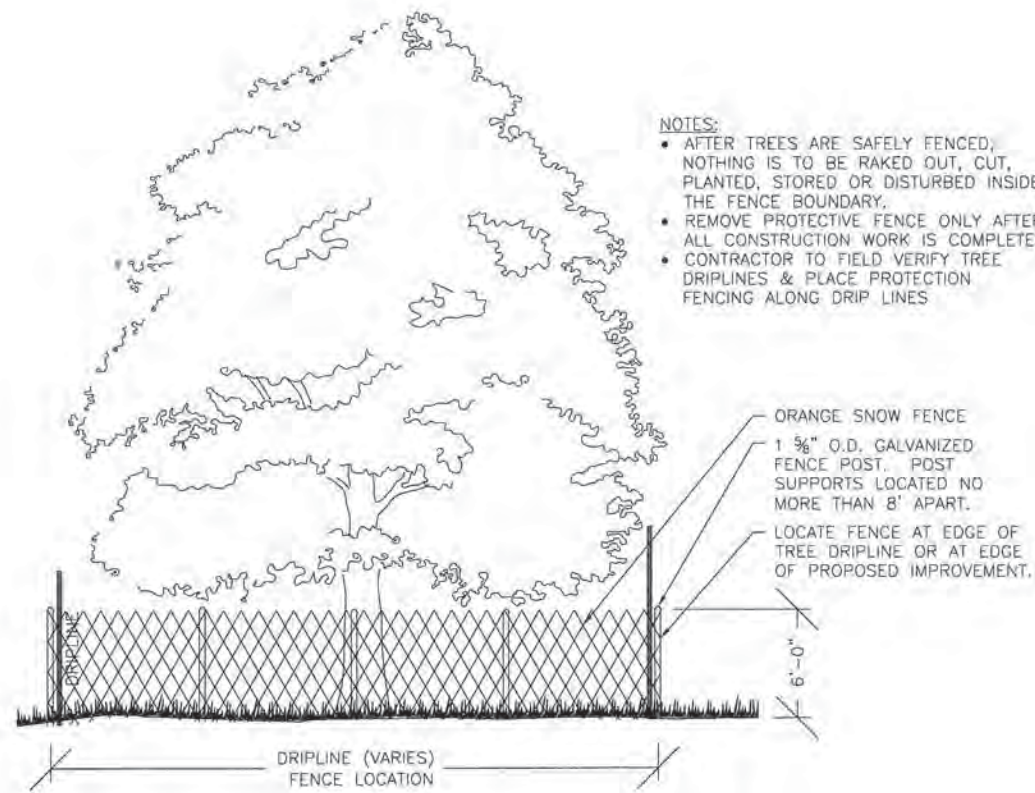
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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 11/11/2015	DATE - 11/11/15	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING, SIGNING & LANDSCAPING SIGN LEGEND

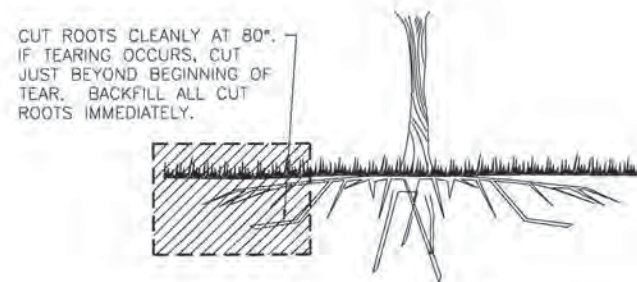
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	84
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61C06	



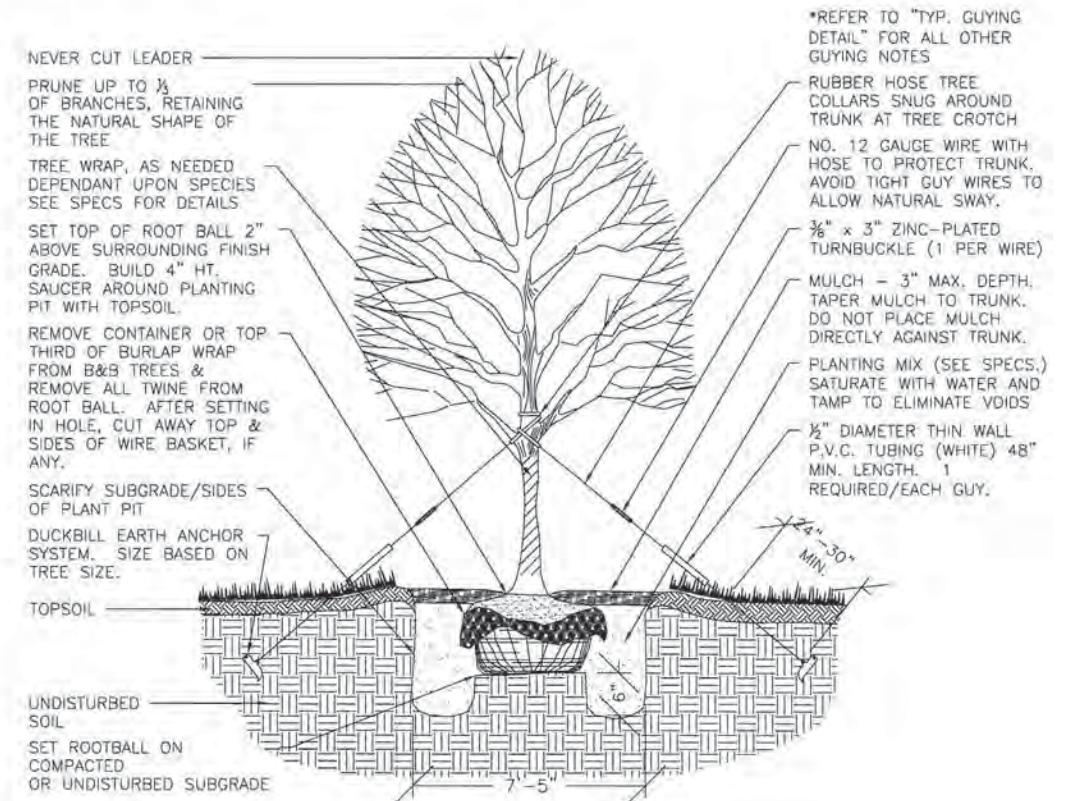
TYP. TREE PROTECTION SNOW FENCE DETAIL

NOT TO SCALE



TYP. ROOT PRUNING DETAIL

NOT TO SCALE

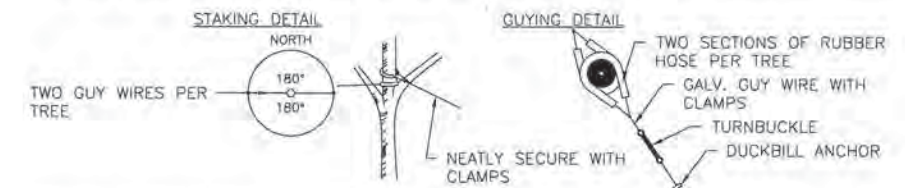


TREE PLANTING DETAIL

NOT TO SCALE

GUYING STANDARDS

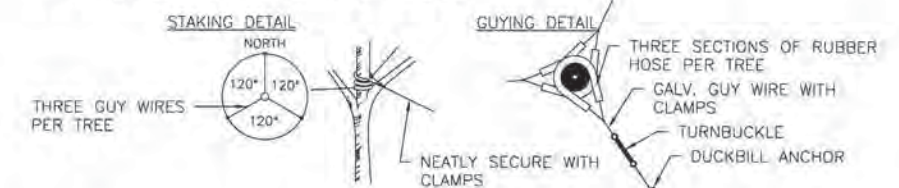
- TWO (2) MODEL 68 DUCKBILL ANCHORS (HOLDING CAPACITY 1100# PER ANCHOR IN NORMAL SOIL)
- 13' OF 1/2" 7x7 GALVANIZED STEEL CABLE WITH TURNBUCKLE ATTACHED MID-CABLE.
- 1/2" DIAMETER THIN WALL P.V.C. TUBING (WHITE) 48" MINIMUM LENGTH. ONE (1) REQUIRED/EACH GUY.
- TWO (2) TURNBUCKLES, EYE AND EYE TYPE, 3/8" THREAD DIAMETER WITH 3" TAKE-UP
- FOUR (4) 1/2" CABLE CLAMPS, ZINC PLATED (DR-2 STEEL DRIVE ROD 2' LONG WITH 1/4" ROUND DRIVING TIP NEEDED TO INSTALL ANCHORS. ONE ROD, NOT INCLUDED IN KIT, DRIVES HUNDREDS OF ANCHORS)
- TWO (2) RUBBER HOSE TREE COLLARS, 21" LONG, EA.



*APPLIES TO SINGLE TRUNK DECIDUOUS TREES 3" CAL. AND LESS & EVERGREEN TREES 8' HT. AND LESS

GUYING STANDARDS

- THREE (3) MODEL 68 DUCKBILL ANCHORS (HOLDING CAPACITY 1100# PER ANCHOR IN NORMAL SOIL)
- 13' OF 1/2" 7x7 GALVANIZED STEEL CABLE WITH TURNBUCKLE ATTACHED MID-CABLE.
- 1/2" DIAMETER THIN WALL P.V.C. TUBING (WHITE) 48" MINIMUM LENGTH. ONE (1) REQUIRED/EACH GUY.
- THREE (3) TURNBUCKLES, EYE AND EYE TYPE, 3/8" THREAD DIAMETER WITH 3" TAKE-UP
- SIX (6) 1/2" CABLE CLAMPS, ZINC PLATED (DR-2 STEEL DRIVE ROD 2' LONG WITH 1/4" ROUND DRIVING TIP NEEDED TO INSTALL ANCHORS. ONE ROD, NOT INCLUDED IN KIT, DRIVES HUNDREDS OF ANCHORS)
- THREE (3) RUBBER HOSE TREE COLLARS, 21" LONG, EA.



*APPLIES TO SINGLE TRUNK DECIDUOUS TREES GREATER THAN 3" CAL. & EVERGREEN TREES GREATER THAN 8' HT.

TREE GUYING DETAIL

NOT TO SCALE

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PROJECT CONTACT: HRGreen
CLIENT: HRGreen
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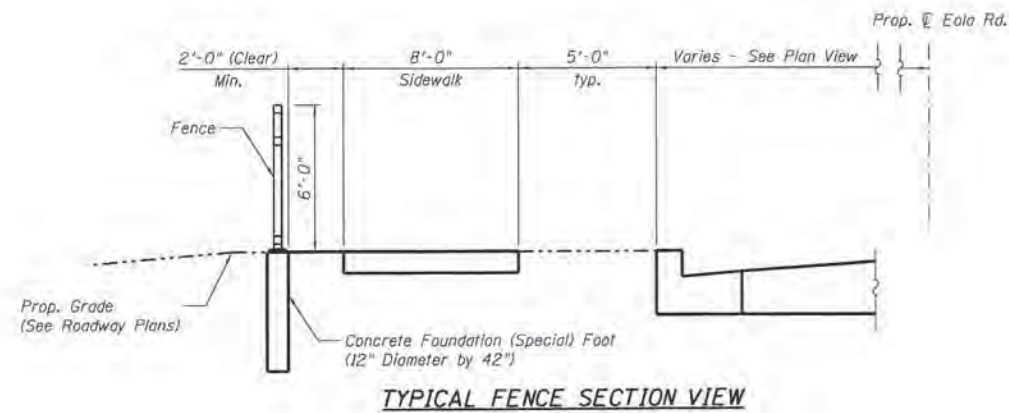


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EOLA ROAD, 87TH STREET AND 83RD STREET
LANDSCAPING CONSTRUCTION DETAILS

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 85
						CONTRACT NO. 61C06	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							



TYPICAL FENCE SECTION VIEW

POLYETHYLENE FENCE (NON-NOISE REDUCTION)

ALIGNMENT	STA. FROM	OFF	STA. TO	OFF	FOOT
PRE01A	109+40	80.9	115+44	66.9	625
PRE01A	116+73	59.8	116+73	50.1	10
PRE01A	117+45	44.6	117+62	44.8	18
PRE01A	117+49	48.5	117+50	66.5	19
PRE01A	118+35	42.5	118+38	63.6	22
PRE01A	118+52	-52.4	119+79	-48.2	134
PRE01A	119+24	42.1	119+29	48.3	8
PRE01A	120+28	42.3	120+30	53.8	12
PRE01A	121+09	-62.2	123+82	-49.7	284
PRE01A	121+52	60.1	130+10	66.3	895
PRE01A	122+08	50.1	122+11	60.1	11
PRE01A	124+47	60.3	124+47	50.3	10
PRE01A	124+86	-42.4	124+90	-49.6	8
PRE01A	125+35	50.4	25+35	51.3	1
PRE01A	125+41	-43.1	125+41	-45.4	3
PRE01A	126+88	50.5	126+89	60.5	10
PRE01A	127+03	-49.6	127+04	-44.6	5
PRE01A	128+19	50.5	128+20	60.5	10
PRE01A	129+41	-49.5	129+41	-45.3	5
PRE01A	131+21	50.3	131+22	60.3	10
PRE01A	130+80	-53.1	135+55	-73.9	480
PRE01A	131+76	50.3	131+77	60.3	11
PRE01A	131+84	50.1	131+85	60.3	11
PRE01A	132+45	48.5	132+45	60.6	13
PRE01A	132+80	47.7	132+85	90.0	44
PRE01A	133+85	90.0	135+65	77.4	219
PRB3	43+25	40.4	52+01	49.5	893
PRB3	47+08	44.0	47+08	50.3	7
PRB3	53+52	40.7	57+10	40.6	358
PRB7	32+55	-40.4	34+77	-60.5	229

TOTAL: 4365.0

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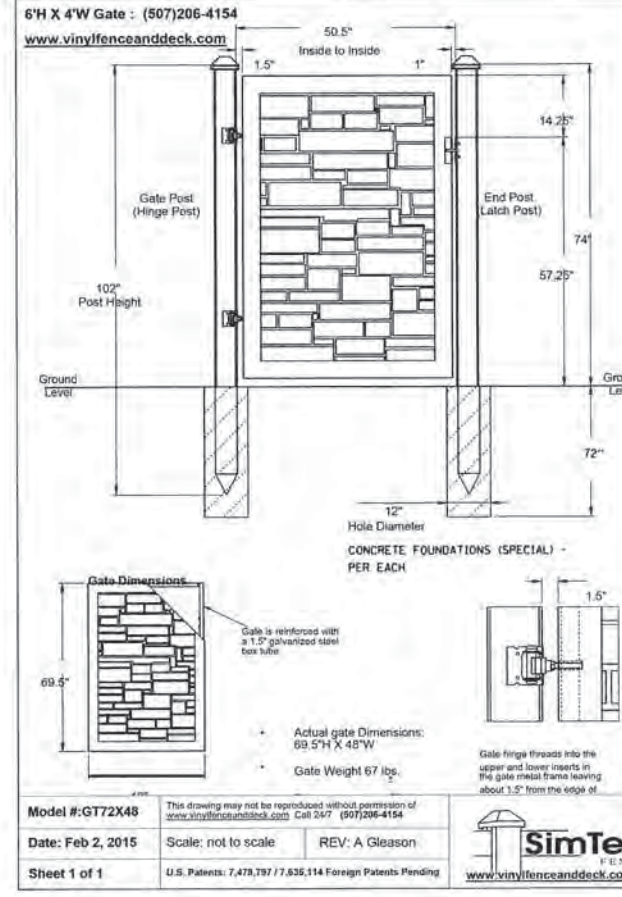
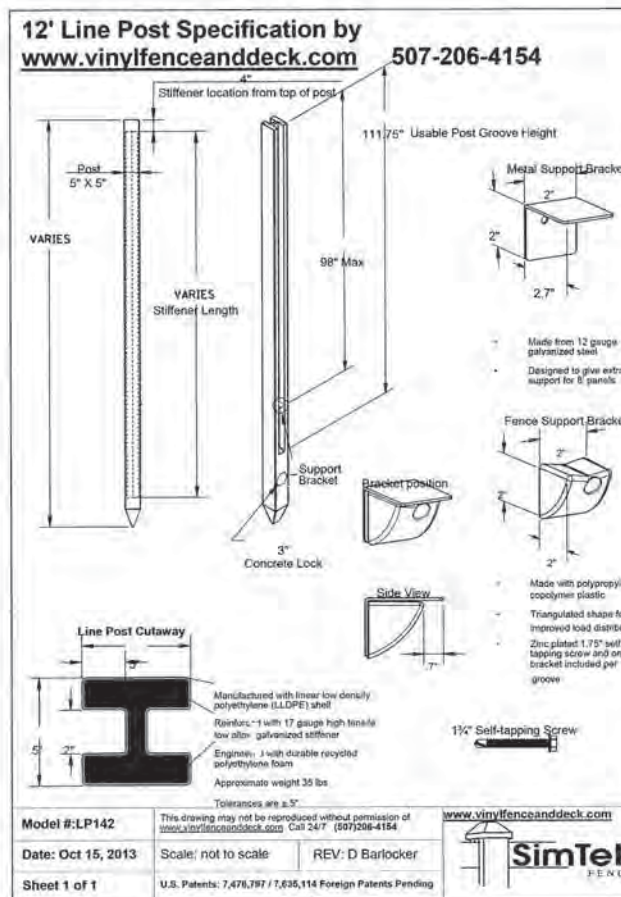
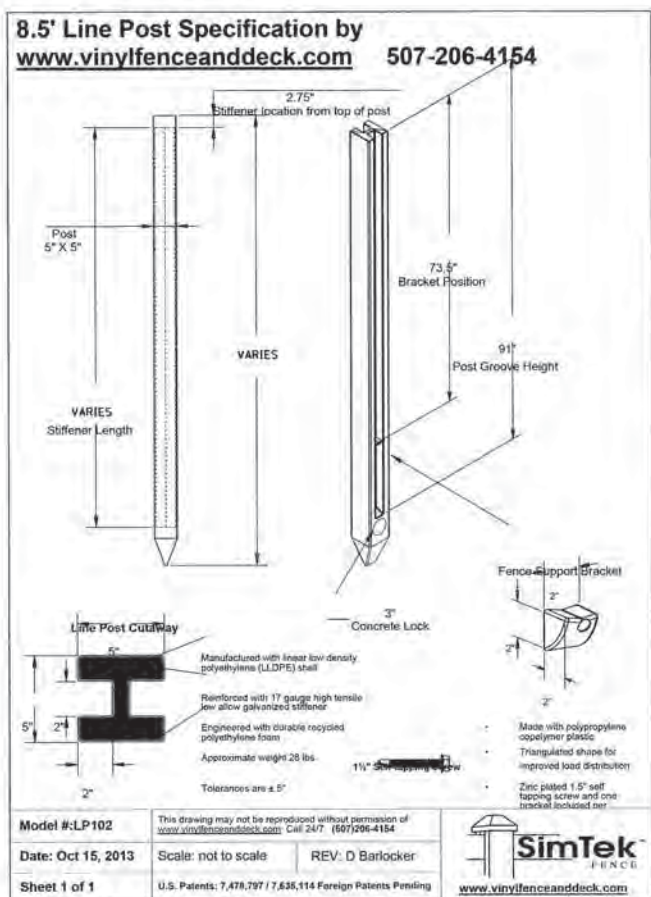
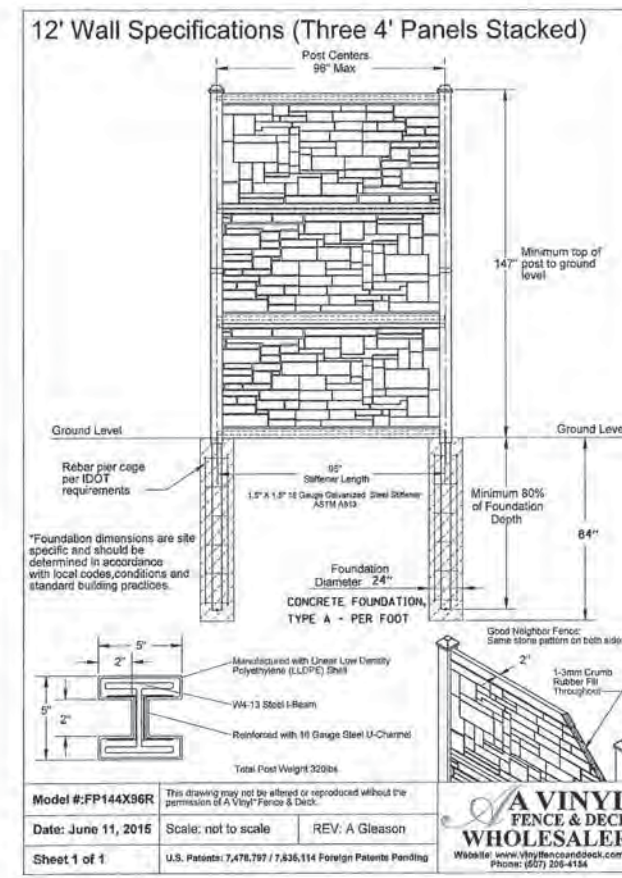
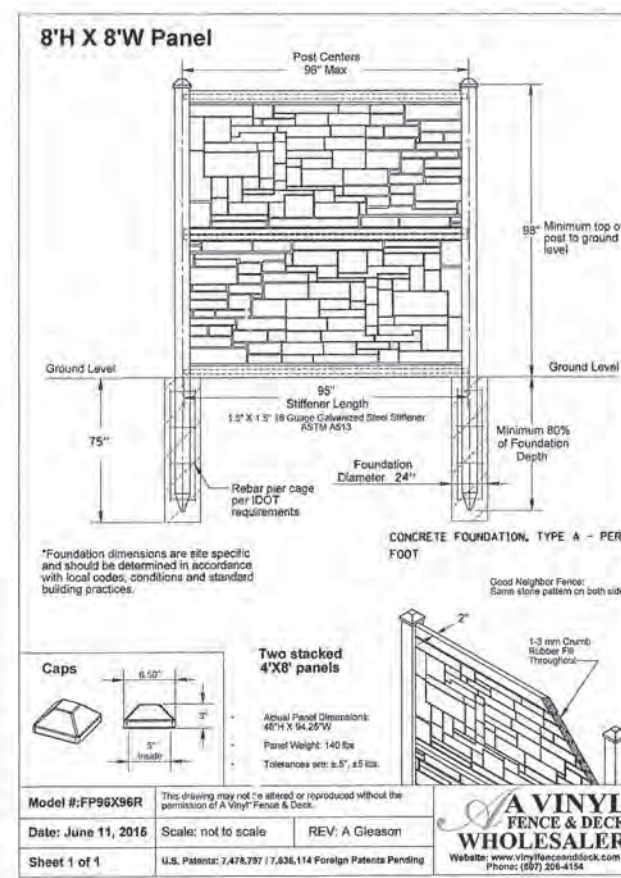
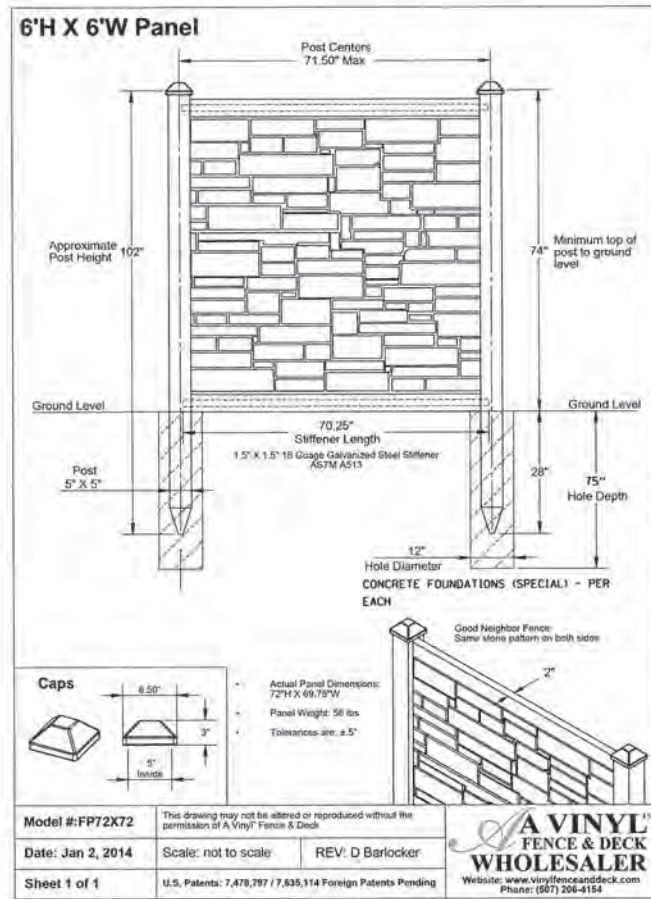
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EOLA ROAD, 87TH STREET AND 83RD STREET
 LANDSCAPING CONSTRUCTION DETAILS

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

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 86
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LIMITED TO STRUCTURAL DESIGN ONLY

Larson Engineering, Inc.
1435 Bone Street, Suite 100
Naperville, IL 60563
Phone: 630-357-0540
Fax: 630-357-0164
ILLINOIS LICENSE NO. 184-001442
LEI # 002-2115 0560-000

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PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
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HRGreen.com
Illinois Professional Design Firm
184-001322

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

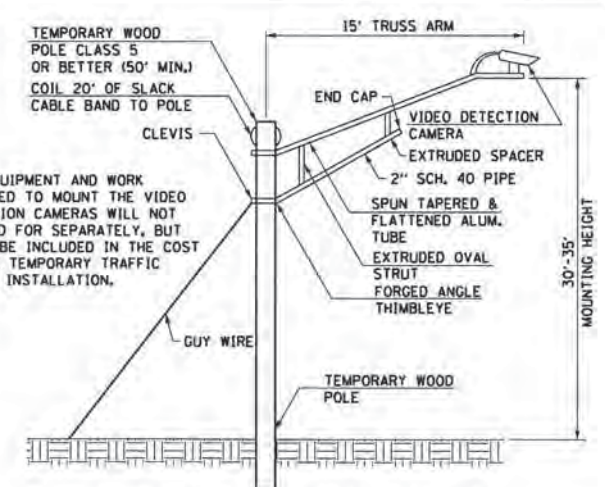
EOLA ROAD, 87TH STREET AND 83RD STREET
FENCE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	87
CONTRACT NO.				61C06
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- 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.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" 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.
- 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.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- 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.
- UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT THE 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.
- 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.
- 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.
- 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.

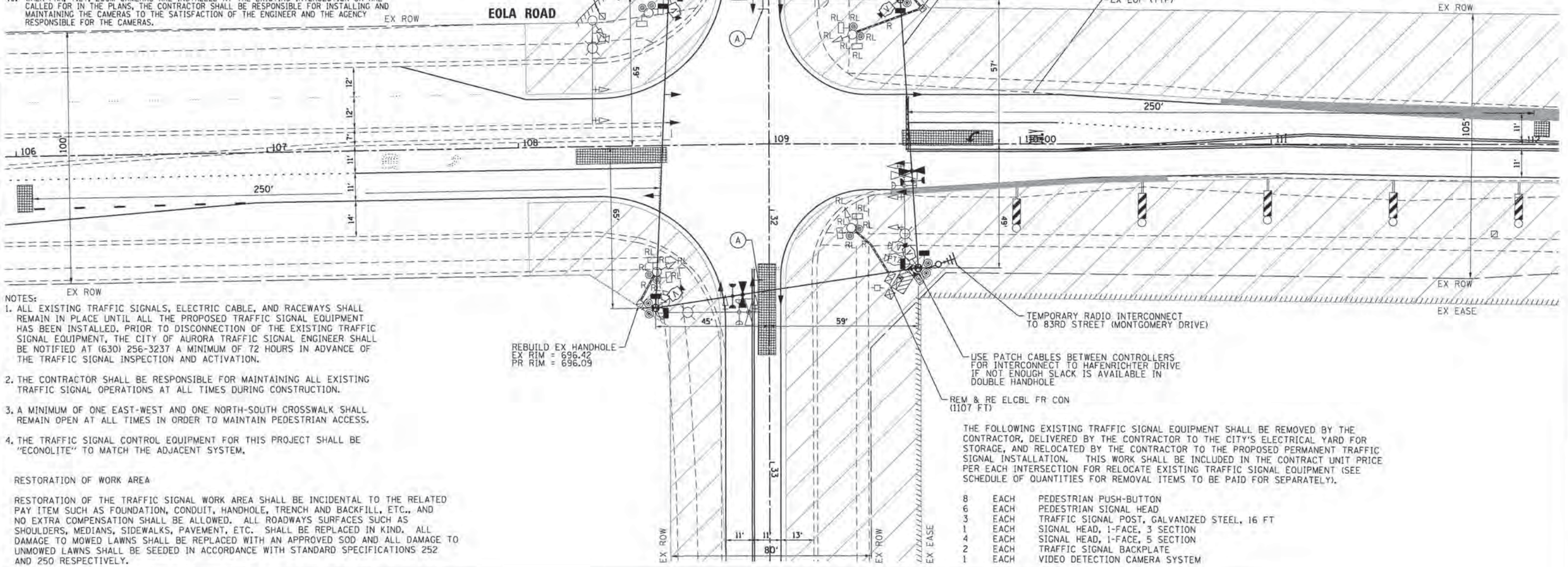


NOTE:
THE EQUIPMENT AND WORK REQUIRED TO MOUNT THE VIDEO DETECTION CAMERAS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL BECOME THE PROPERTY OF THE CITY OF AURORA AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY'S ELECTRICAL YARD ALONG WITH FIVE (5) COPIES OF A LIST OF EQUIPMENT THAT IS TO REMAIN THE PROPERTY OF THE CITY IN ACCORDANCE WITH THE TRAFFIC SIGNAL SPECIFICATIONS. A LIST OF EQUIPMENT SHALL ALSO BE PROVIDED TO THE CITY'S ENGINEERING DEPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (SEE SCHEDULE OF QUANTITIES FOR REMOVAL ITEMS TO BE PAID FOR SEPARATELY).

1 EACH STEEL MAST COMBINATION ARM ASSEMBLY AND POLE, 36 FT

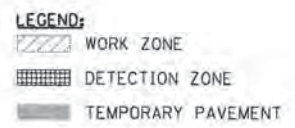


- NOTES:
- ALL EXISTING TRAFFIC SIGNALS, ELECTRIC CABLE, AND RACEWAYS SHALL REMAIN IN PLACE UNTIL ALL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT HAS BEEN INSTALLED. PRIOR TO DISCONNECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT, THE CITY OF AURORA TRAFFIC SIGNAL ENGINEER SHALL BE NOTIFIED AT (630) 256-3237 A MINIMUM OF 72 HOURS IN ADVANCE OF THE TRAFFIC SIGNAL INSPECTION AND ACTIVATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING TRAFFIC SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.
 - A MINIMUM OF ONE EAST-WEST AND ONE NORTH-SOUTH CROSSWALK SHALL REMAIN OPEN AT ALL TIMES IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.
 - THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE ADJACENT SYSTEM.

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.

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, DELIVERED BY THE CONTRACTOR TO THE CITY'S ELECTRICAL YARD FOR STORAGE, AND RELOCATED BY THE CONTRACTOR TO THE PROPOSED PERMANENT TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH INTERSECTION FOR RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT (SEE SCHEDULE OF QUANTITIES FOR REMOVAL ITEMS TO BE PAID FOR SEPARATELY).

- 8 EACH PEDESTRIAN PUSH-BUTTON
- 6 EACH PEDESTRIAN SIGNAL HEAD
- 3 EACH TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT
- 1 EACH SIGNAL HEAD, 1-FACE, 3 SECTION
- 4 EACH SIGNAL HEAD, 1-FACE, 5 SECTION
- 2 EACH TRAFFIC SIGNAL BACKPLATE
- 1 EACH VIDEO DETECTION CAMERA SYSTEM



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 PROJECT CONTACT: Illinois Professional Design Firm
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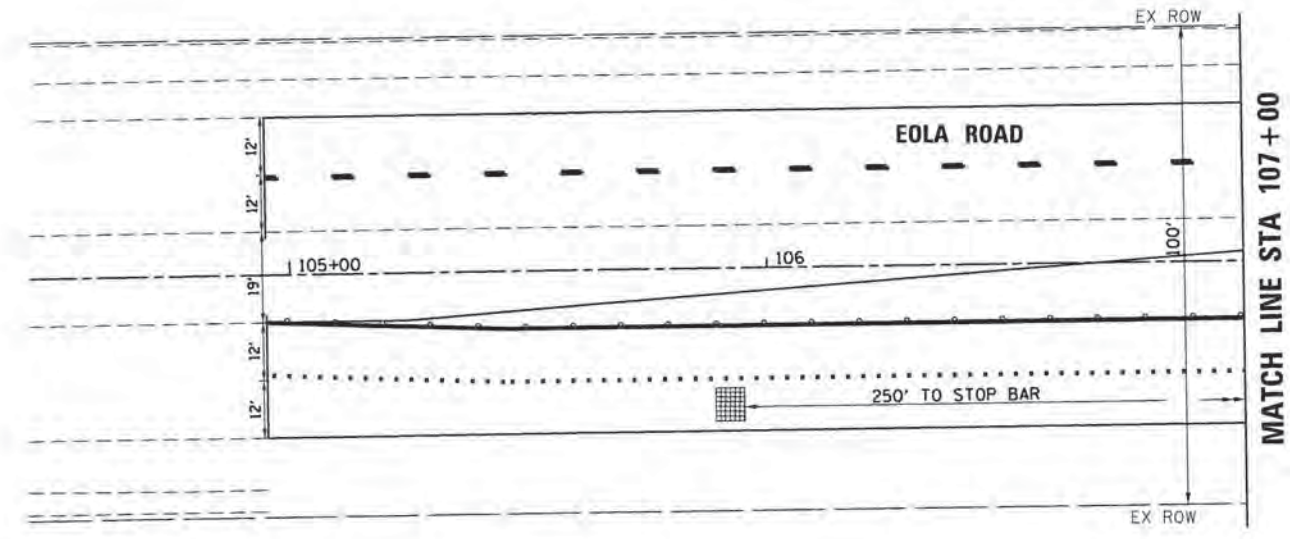
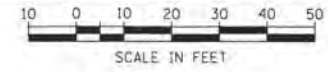
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN-STAGE 1
EOLA ROAD AT 87TH STREET (KEATING DRIVE)

SCALE: 1" = 20' SHEET NO. 1 OF 28 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	88
CONTRACT NO.			61C06	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND:**
- WORK ZONE
 - DETECTION ZONE
 - TEMPORARY PAVEMENT

COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT_CONTACT#
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

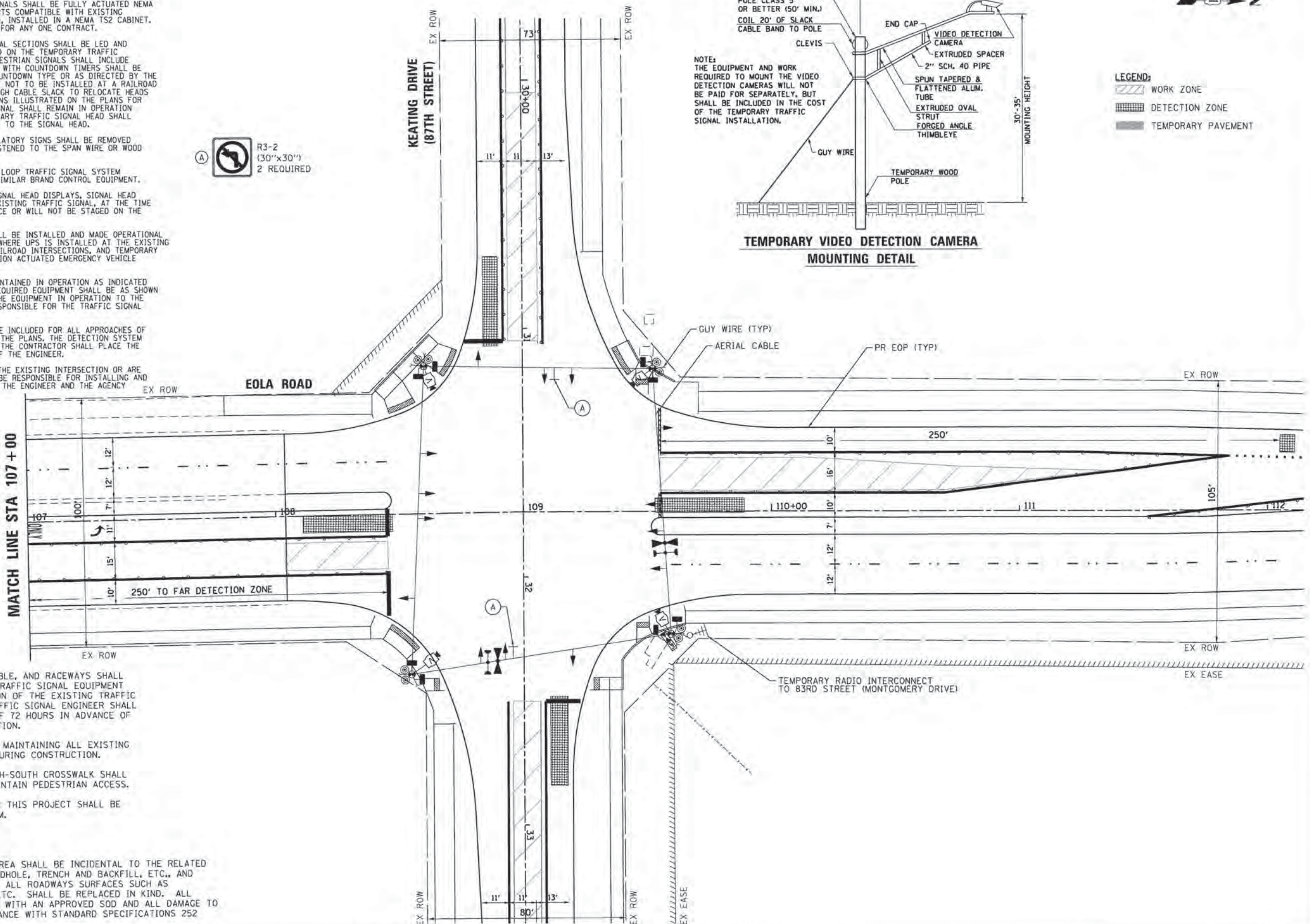
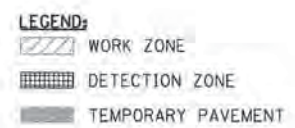
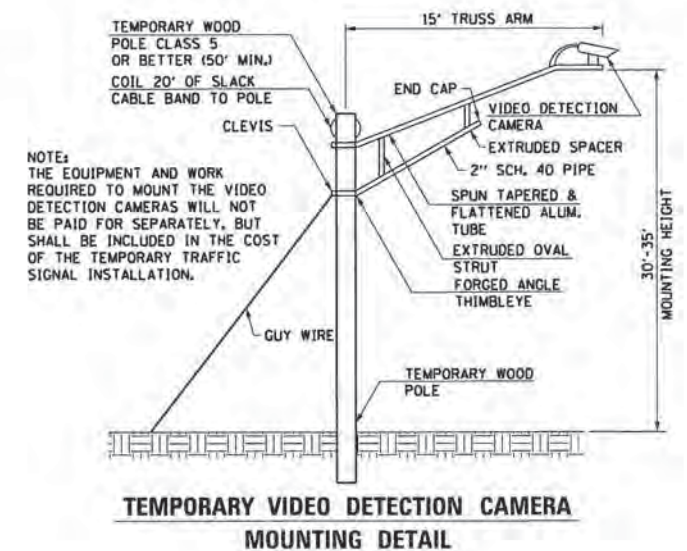
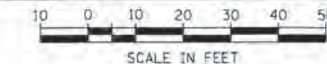
**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
 STAGE 2 – EOLA ROAD AT 87TH STREET**

SCALE: 1" = 20' SHEET NO. 3 OF 28 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	90
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61C06	

NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- 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.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" 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.
- 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.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- 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.
- UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT THE 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.
- 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.
- 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.
- 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.



- NOTES:
- ALL EXISTING TRAFFIC SIGNALS, ELECTRIC CABLE, AND RACEWAYS SHALL REMAIN IN PLACE UNTIL ALL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT HAS BEEN INSTALLED. PRIOR TO DISCONNECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT, THE CITY OF AURORA TRAFFIC SIGNAL ENGINEER SHALL BE NOTIFIED AT (630) 256-3237 A MINIMUM OF 72 HOURS IN ADVANCE OF THE TRAFFIC SIGNAL INSPECTION AND ACTIVATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING TRAFFIC SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.
 - A MINIMUM OF ONE EAST-WEST AND ONE NORTH-SOUTH CROSSWALK SHALL REMAIN OPEN AT ALL TIMES IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.
 - THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE ADJACENT SYSTEM.

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.

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 PROJECT CONTACT: JCH
 CLIENT: HRGreen.com
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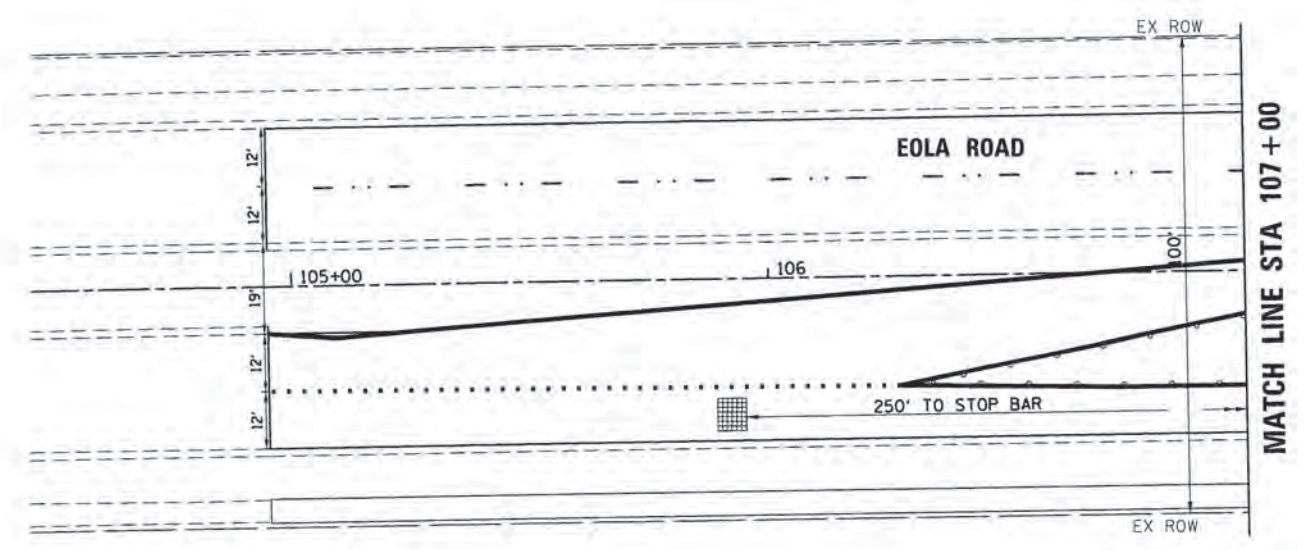
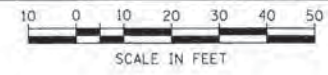
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
STAGE 3 - EOLA ROAD AT 87TH STREET

SCALE: 1" = 20' SHEET NO. 4 OF 28 SHEETS STA. TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 91
CONTRACT NO. 61C06			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	



- LEGEND:**
- WORK ZONE
 - DETECTION ZONE
 - TEMPORARY PAVEMENT

COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
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PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

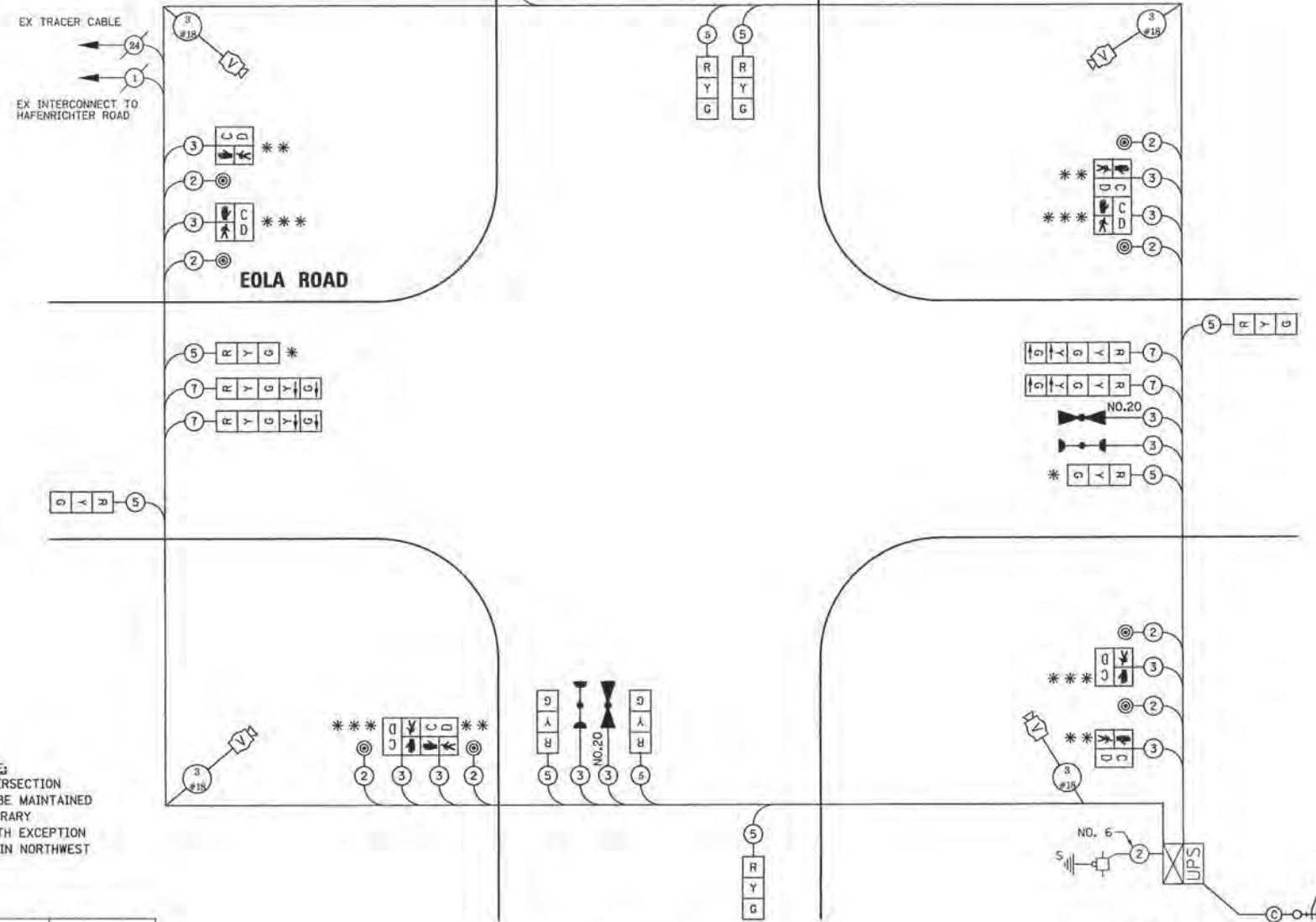
**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
 STAGE 3 - EOLA ROAD AT 87TH STREET**

SCALE: 1" = 20' SHEET NO. 5 OF 28 SHEETS STA. TO STA.

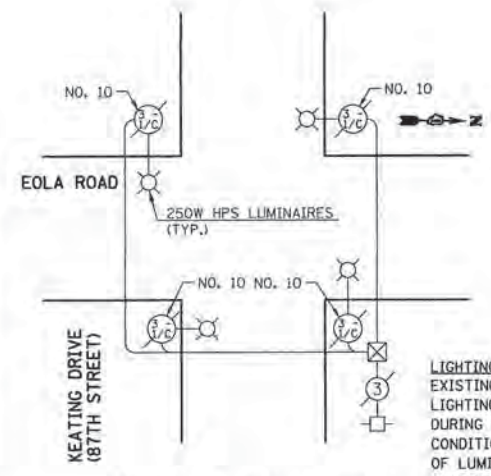
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FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61C06	



**KEATING DRIVE
(87TH STREET)**



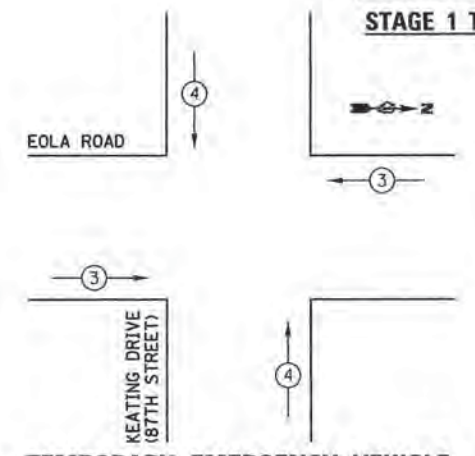
- * SIGNAL HEAD SHALL ONLY BE USED DURING STAGE 3.
- ** TEMPORARY PEDESTRIAN SIGNAL HEAD SHALL BE BAGGED AND DISCONNECTED DURING STAGE 1.
- *** TEMPORARY PEDESTRIAN SIGNAL HEAD SHALL BE BAGGED AND DISCONNECTED DURING STAGE 1 AND 2.



LIGHTING CABLE PLAN

LIGHTING NOTE:
EXISTING INTERSECTION LIGHTING TO BE MAINTAINED DURING TEMPORARY CONDITION WITH EXCEPTION OF LUMINAIRE IN NORTHWEST QUADRANT.

**TEMPORARY CABLE PLAN
STAGE 1 THRU STAGE 3**

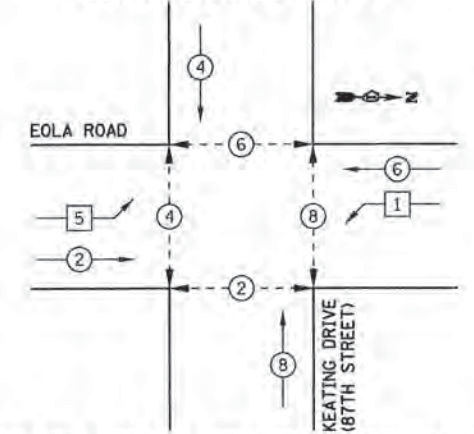


**TEMPORARY EMERGENCY VEHICLE
PREEMPTION SEQUENCE**

TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
TEMPORARY EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	==	

CONTROLLER SEQUENCE LEGEND	
	DUAL ENTRY PHASE
	SINGLE ENTRY PHASE
	OVERLAP
*	NUMBER REFERRING TO ASSOCIATED PHASE
	PEDESTRIAN PHASE

TEMPORARY CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14		17	0.50	119
(YELLOW)	14		25	0.25	87.5
(GREEN)	14		15	0.25	52.5
ARROW	8		12	0.10	9.6
PED. SIGNAL	8		25	1.00	200
CONTROLLER	1		100	1.00	100
VIDEO SYSTEM	1		15	1.00	15
LUMINAIRE	4	250		0.50	500
TEMPORARY UPS	1		25	1.00	25
TOTAL =					1108.6

ENERGY COSTS TO: CITY OF AURORA
44 E. DOWNER PLACE
AURORA, ILLINOIS 60507-2067

ENERGY SUPPLY CONTACT: RICK SEIDEL
PHONE: (630) 229-5138
COMPANY: COMMONWEALTH EDISON

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 11/11/2015 10:50:00 AM
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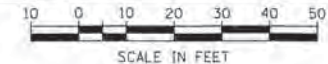
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PLOT DATE = 11/11/2015	DATE - 11/11/15	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM
EOLA ROAD AT 87TH STREET (KEATING DRIVE)**

SCALE: 1" = 20' SHEET NO. 6 OF 28 SHEETS STA. TO STA.

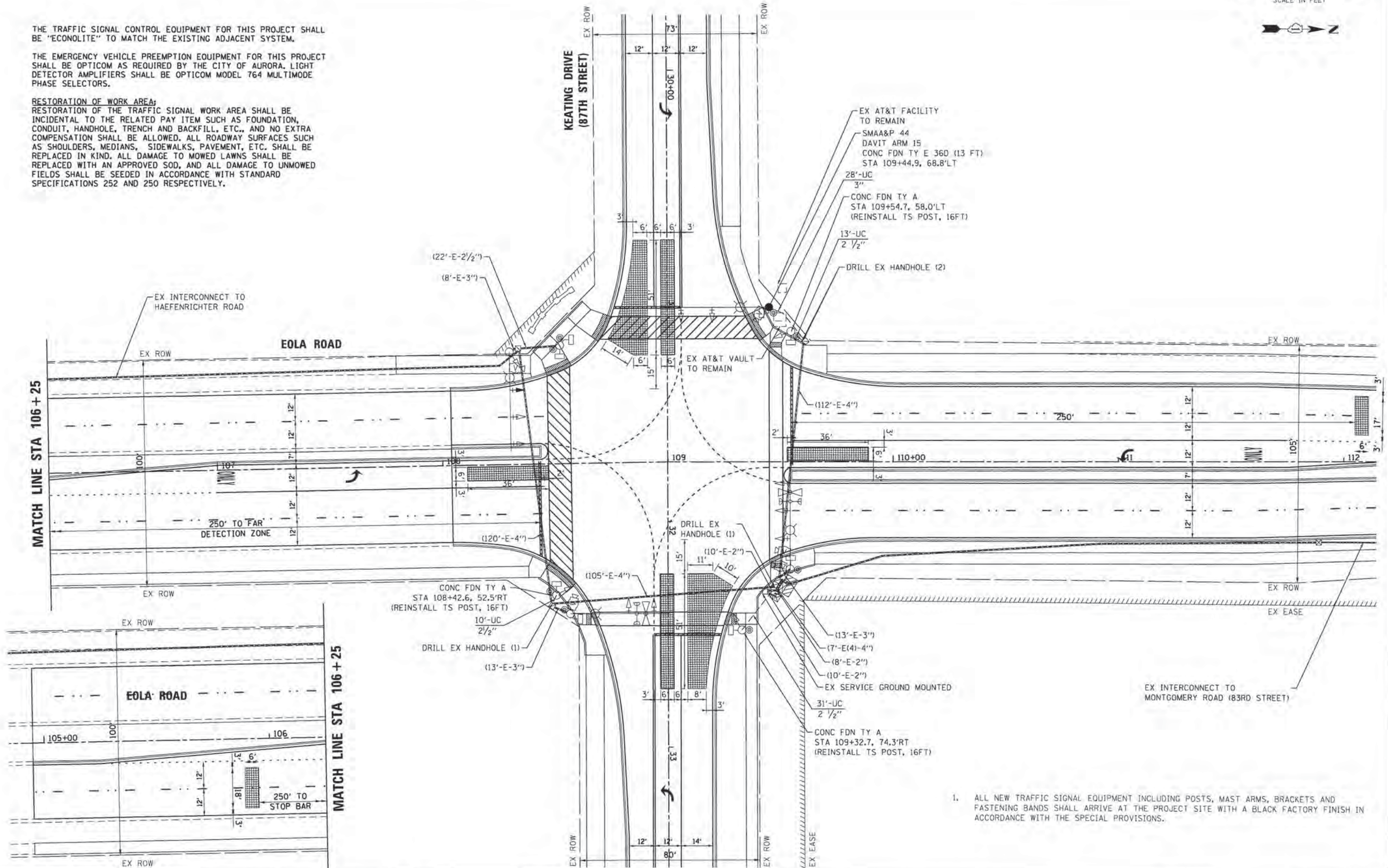
F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 93
CONTRACT NO. 61C06				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS PROJECT SHALL BE OPTICOM AS REQUIRED BY THE CITY OF AURORA. LIGHT DETECTOR AMPLIFIERS SHALL BE OPTICOM MODEL 764 MULTIMODE PHASE SELECTORS.

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 ROADWAY 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 FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



- ALL NEW TRAFFIC SIGNAL EQUIPMENT INCLUDING POSTS, MAST ARMS, BRACKETS AND FASTENING BANDS SHALL ARRIVE AT THE PROJECT SITE WITH A BLACK FACTORY FINISH IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

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

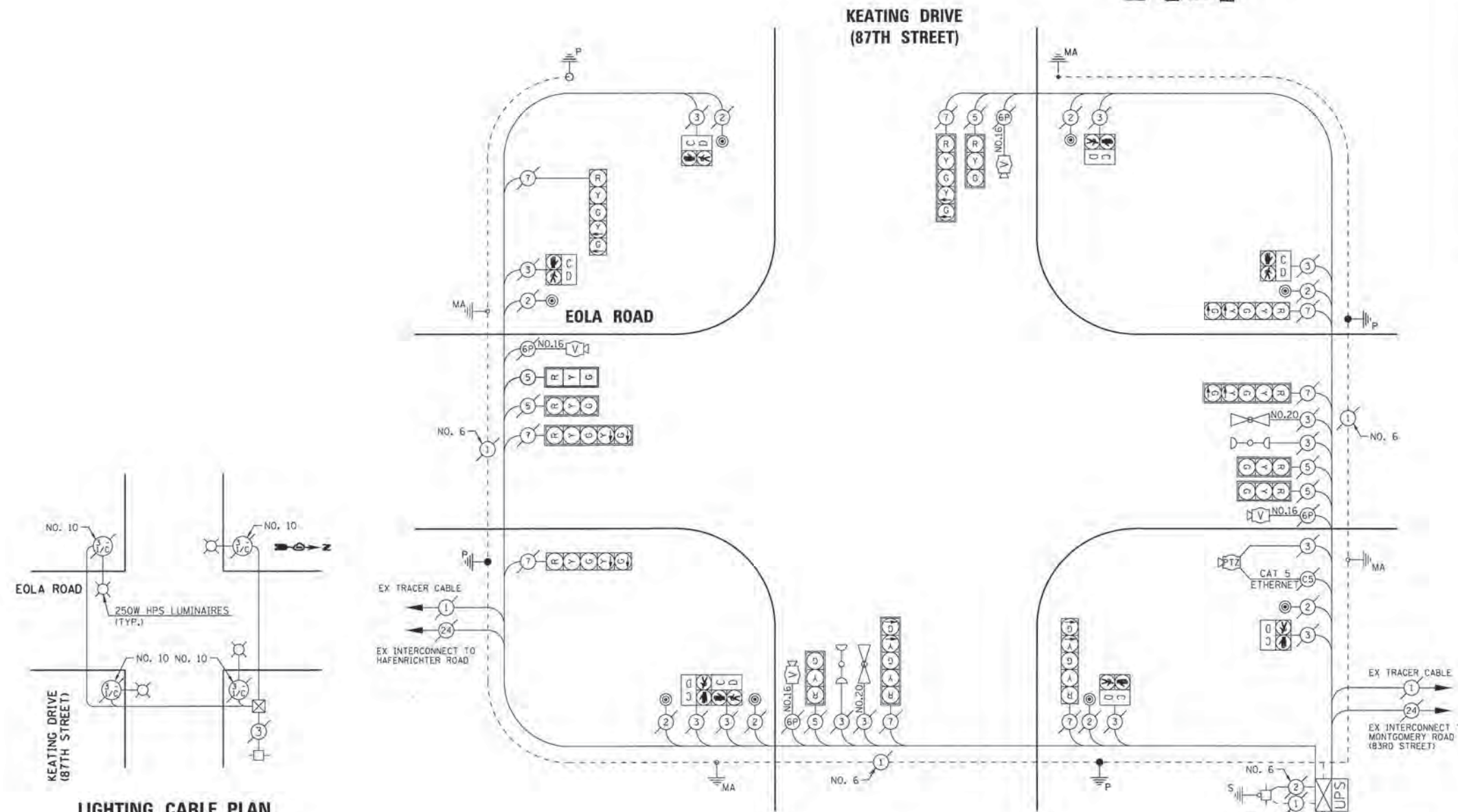
**TRAFFIC SIGNAL INSTALLATION PLAN
 EOLA ROAD AT 87TH STREET (KEATING DRIVE)**

SCALE: 1" = 20' SHEET NO. 7 OF 28 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	94
CONTRACT NO. 61C06			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES

PAY ITEM DESCRIPTION	UNIT	TOTAL
RELOCATE SIGN PANEL - TYPE 1	50 FT	27.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	54.0
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	28.0
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	315.0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12.0
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13.0
DRILL EXISTING HANDHOLE	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1,881.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
REBUILD EXISTING HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1



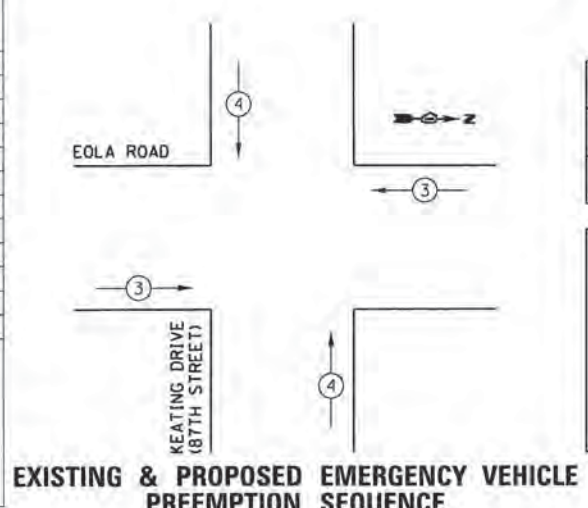
LIGHTING CABLE PLAN

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14	17	0.50		119
(YELLOW)	14	25	0.25		87.5
(GREEN)	14	15	0.25		52.5
ARROW	16	12	0.10		19.2
PED. SIGNAL	8	25	1.00		200
CONTROLLER	1	100	1.00		100
VIDEO SYSTEM	1	15	1.00		15
LUMINAIRE	4	250	0.50		500
UPS	1	25	1.00		25
TOTAL =					1118.2

ENERGY COSTS TO: CITY OF AURORA
44 E. DOWNER PLACE
AURORA, ILLINOIS 60507-2067

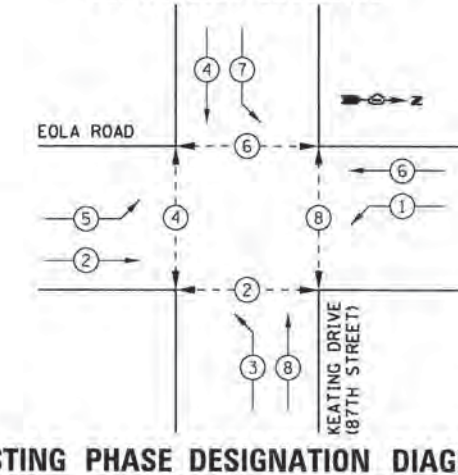
ENERGY SUPPLY CONTACT: RICK SEIDEL
PHONE: (630) 229-5138
COMPANY: COMMONWEALTH EDISON

CABLE PLAN



EXISTING & PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

EXISTING & PROPOSED CONTROLLER SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTORS		
EXISTING EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	—	

CONTROLLER SEQUENCE LEGEND	
←●→	DUAL ENTRY PHASE
←■→	SINGLE ENTRY PHASE
←◇→	OVERLAP
*	NUMBER REFERRING TO ASSOCIATED PHASE
←○→	PEDESTRIAN PHASE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
EOLA ROAD AT 87TH STREET (KEATING DRIVE)
SCALE: 1" = 20' SHEET NO. 8 OF 28 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	95
CONTRACT NO.				61C06

COMPANY NAME: HRGreen.com
PROJECT CONTACT: JCH
DATE PLOTTED: 10/20/2015 9:12:39 AM
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PLOT DATE	DATE	REVISIONS
10/20/2015	10/30/15	-

NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- 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.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" 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.
- 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.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- 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.
- UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT THE 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.
- 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.
- 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.
- 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.



THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL BECOME THE PROPERTY OF THE CITY OF AURORA AND SHALL BE DELIVERED BY THE CONTRACTOR TO EITHER MR. ERIC GALLT (630-256-3237) OR MR. STEVE ZABURUNOV (630-688-8414) ALONG WITH FIVE (5) COPIES OF A LIST OF EQUIPMENT THAT IS TO REMAIN THE PROPERTY OF THE CITY IN ACCORDANCE WITH THE TRAFFIC SIGNAL SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

- 1 EACH TRAFFIC SIGNAL CONTROLLER
- 1 EACH LIGHT DETECTOR AMPLIFIER

NOTES:

- ALL EXISTING TRAFFIC SIGNALS, ELECTRIC CABLE, AND RACEWAYS SHALL REMAIN IN PLACE UNTIL ALL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT HAS BEEN INSTALLED. PRIOR TO DISCONNECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT, THE CITY OF AURORA TRAFFIC SIGNAL ENGINEER SHALL BE NOTIFIED AT (630) 256-3237 A MINIMUM OF 72 HOURS IN ADVANCE OF THE TRAFFIC SIGNAL INSPECTION AND ACTIVATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING TRAFFIC SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.
- A MINIMUM OF ONE EAST-WEST AND ONE NORTH-SOUTH CROSSWALK SHALL REMAIN OPEN AT ALL TIMES IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.

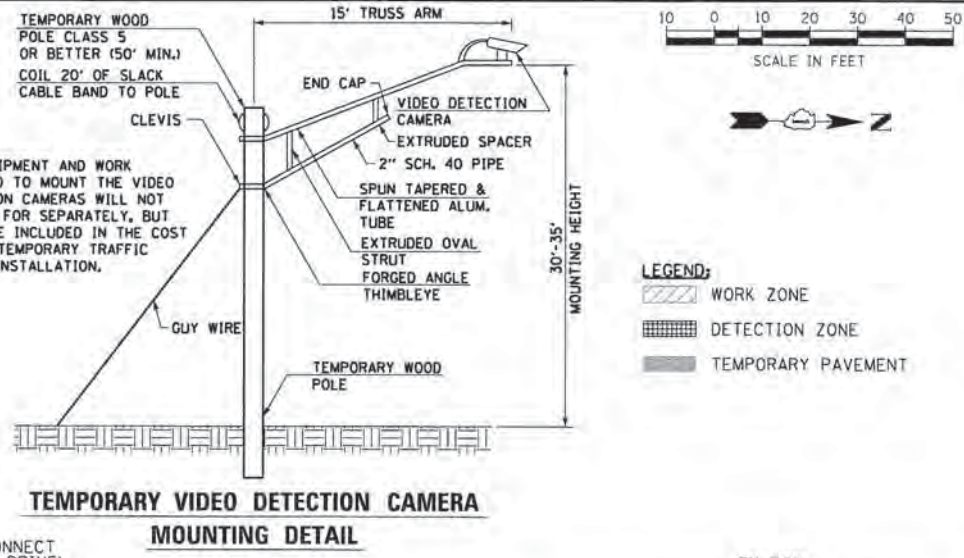
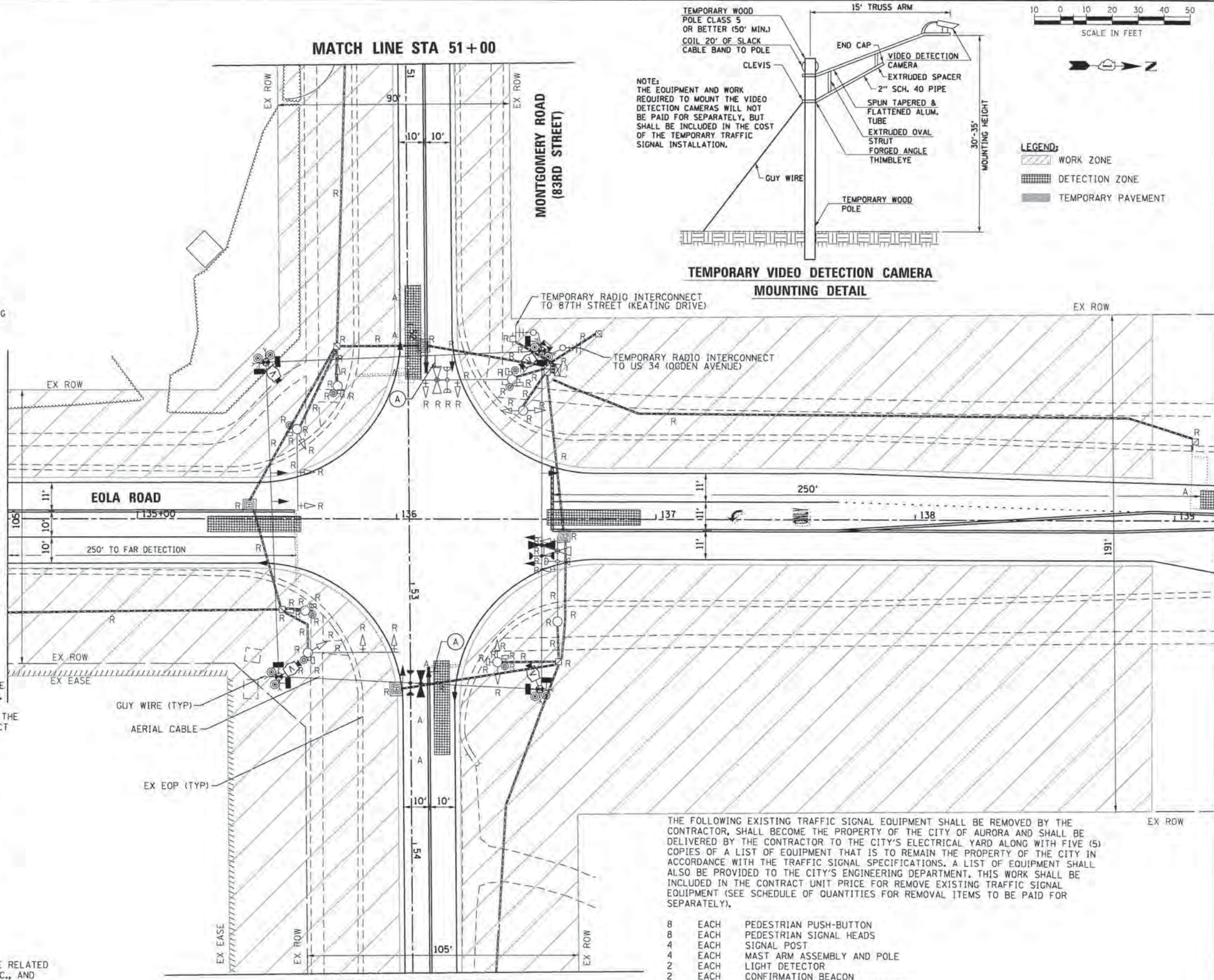
RESTORATION OF WORK AREA

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.

MATCH LINE STA 51+00

MATCH LINE STA 134+50

MATCH LINE STA 54+50



NOTE: THE EQUIPMENT AND WORK REQUIRED TO MOUNT THE VIDEO DETECTION CAMERAS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL

- LEGEND:
- WORK ZONE
 - DETECTION ZONE
 - TEMPORARY PAVEMENT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL BECOME THE PROPERTY OF THE CITY OF AURORA AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY'S ELECTRICAL YARD ALONG WITH FIVE (5) COPIES OF A LIST OF EQUIPMENT THAT IS TO REMAIN THE PROPERTY OF THE CITY IN ACCORDANCE WITH THE TRAFFIC SIGNAL SPECIFICATIONS. A LIST OF EQUIPMENT SHALL ALSO BE PROVIDED TO THE CITY'S ENGINEERING DEPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (SEE SCHEDULE OF QUANTITIES FOR REMOVAL ITEMS TO BE PAID FOR SEPARATELY).

- 8 EACH PEDESTRIAN PUSH-BUTTON
- 8 EACH PEDESTRIAN SIGNAL HEADS
- 4 EACH SIGNAL POST
- 4 EACH MAST ARM ASSEMBLY AND POLE
- 2 EACH LIGHT DETECTOR
- 2 EACH CONFIRMATION BEACON
- 8 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 8 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 1 EACH SERVICE INSTALLATION
- 1 EACH TRAFFIC SIGNAL CABINET

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 PROJECT CONTACT: HRGreen.com
 CLIENTS: HRGreen.com
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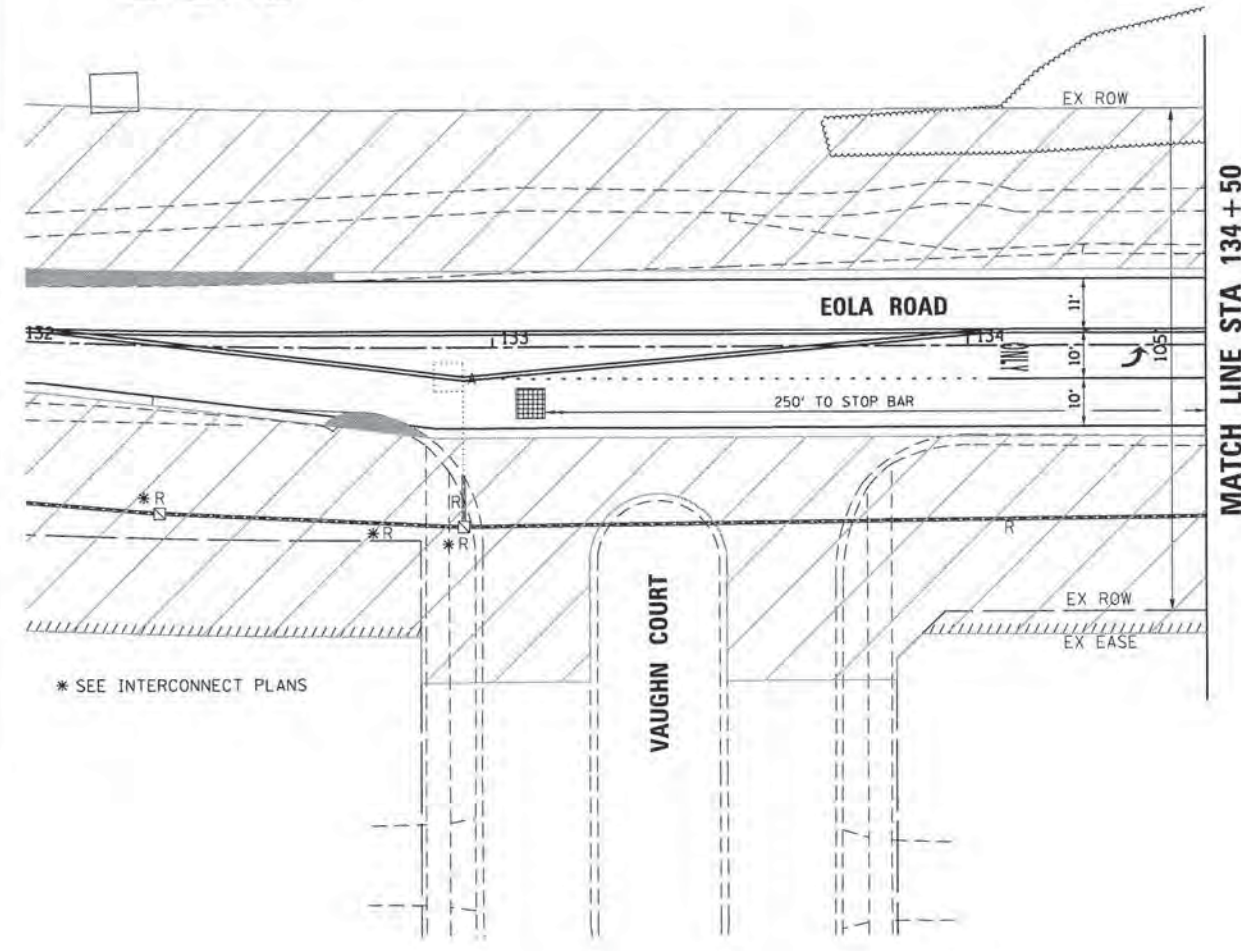
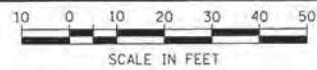


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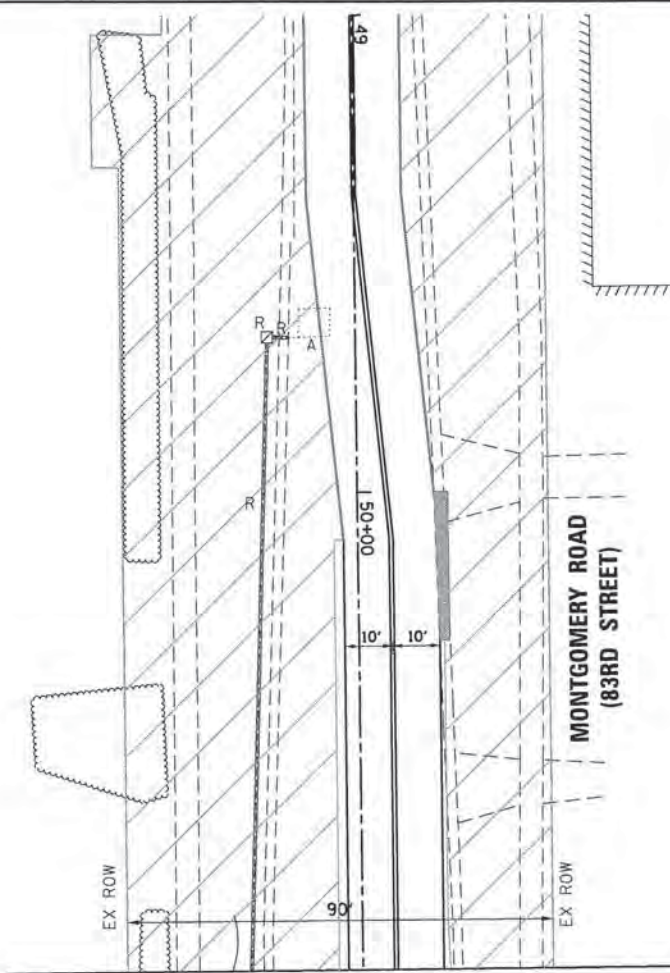
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN-STAGE 1
 EOLA ROAD AT 83RD STREET (MONTGOMERY DRIVE)
 SCALE: 1" = 20' SHEET NO. 9 OF 28 SHEETS STA. TO STA.

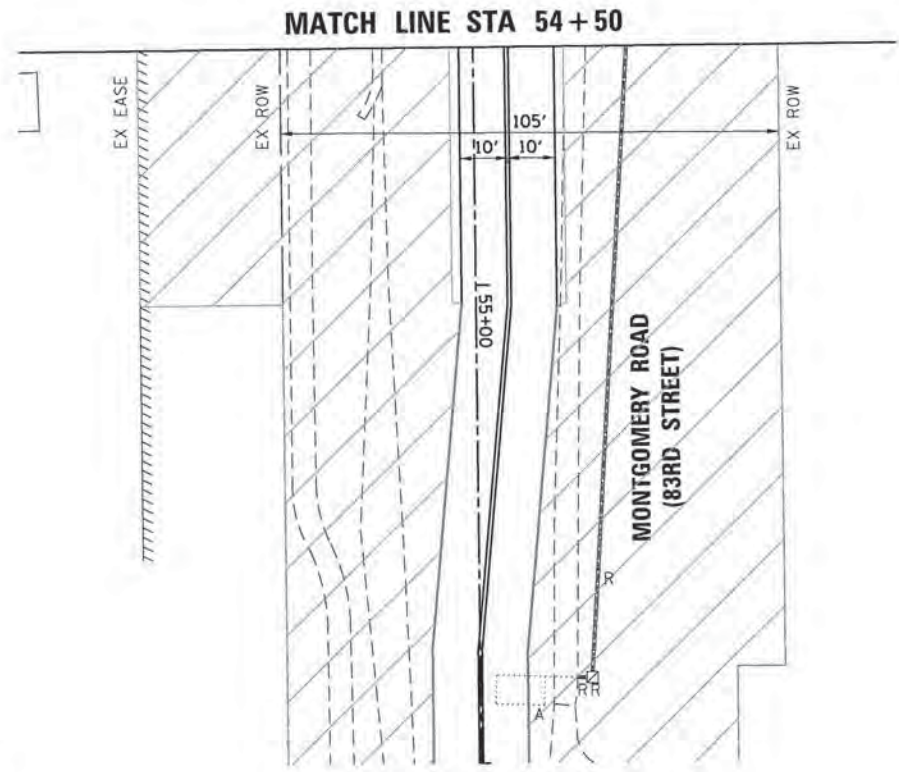
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	96
CONTRACT NO.				61C06
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



MATCH LINE STA 134+50



MATCH LINE STA 51+00



MATCH LINE STA 54+50

- LEGEND:**
- WORK ZONE
 - DETECTION ZONE
 - TEMPORARY PAVEMENT

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: HRGreen
 DATE PLOTTED: 10/30/2015 9:31:33 AM
 FILE NAME: 86130394-sht-sigr-em82b.dgn
 PLOT BY: JCH
 PLOT DATE: 10/30/2015



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FILE NAME = 86130394-sht-sigr-em82b.dgn	DRAWN = JCH	REVISED =
PLOT SCALE = 1" = 20'	CHECKED =	REVISED =
PLOT DATE = 10/30/2015	DATE = 10/30/15	REVISED =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN-STAGE 1
 EOLA ROAD AT 83RD STREET (MONTGOMERY DRIVE)

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	97
CONTRACT NO. 61C06				

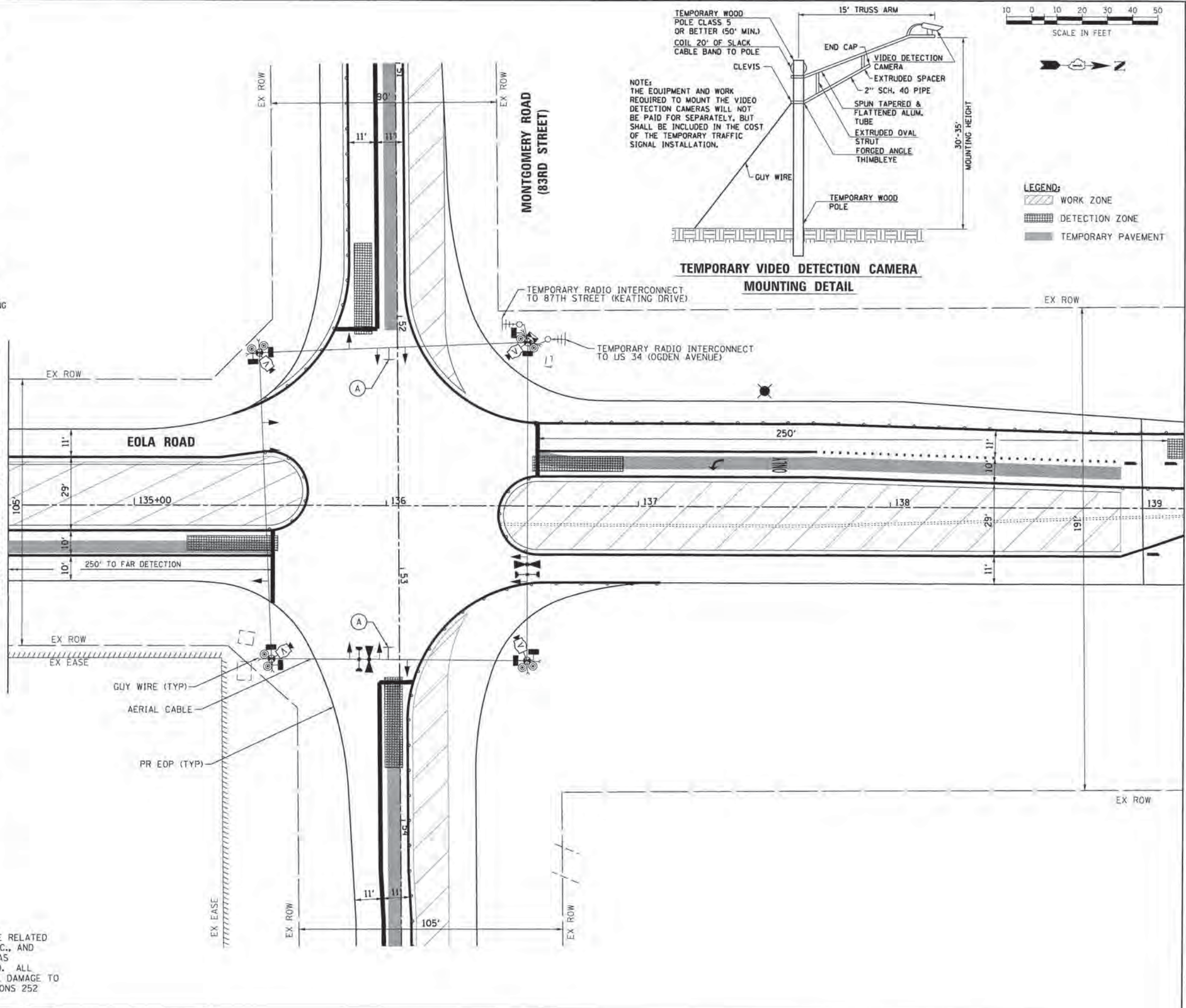
SCALE: 1" = 20' SHEET NO. 10 OF 28 SHEETS STA. TO STA.

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" 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 THE 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.



MATCH LINE STA 134 + 50



- NOTES:
1. ALL EXISTING TRAFFIC SIGNALS, ELECTRIC CABLE, AND RACEWAYS SHALL REMAIN IN PLACE UNTIL ALL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT HAS BEEN INSTALLED. PRIOR TO DISCONNECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT, THE CITY OF AURORA TRAFFIC SIGNAL ENGINEER SHALL BE NOTIFIED AT (630) 256-3237 A MINIMUM OF 72 HOURS IN ADVANCE OF THE TRAFFIC SIGNAL INSPECTION AND ACTIVATION.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING TRAFFIC SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.
 3. A MINIMUM OF ONE EAST-WEST AND ONE NORTH-SOUTH CROSSWALK SHALL REMAIN OPEN AT ALL TIMES IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.
 4. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE ADJACENT SYSTEM.

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.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: HRGreen.com
 CLIENT: HRGreen.com
 DATE PLOTTED: 10/30/2015 9:14 AM
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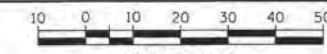
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PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

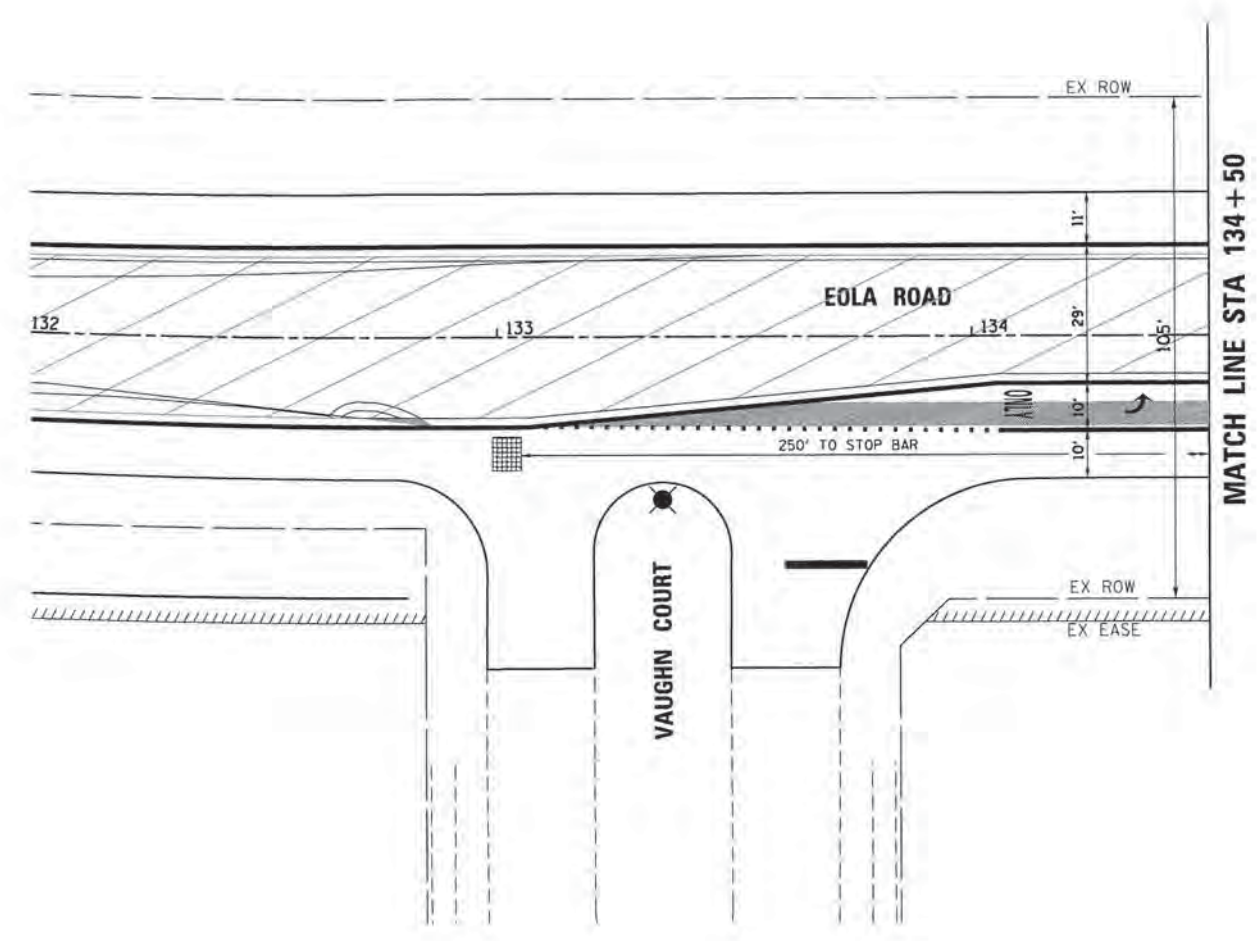
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
STAGE 2 - EOLA ROAD AT 83RD STREET

SCALE: 1" = 20' SHEET NO. 11 OF 28 SHEETS STA. TO STA.

F.A.U. RTE. 2531	SECTION 10-00292-00-WR	COUNTY DUPAGE	TOTAL SHEETS 229	SHEET NO. 98
CONTRACT NO. 61C06			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



SCALE IN FEET



MATCH LINE STA 134+50

- LEGEND:**
- WORK ZONE
 - DETECTION ZONE
 - TEMPORARY PAVEMENT

COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT_CONTACT#
 CLIENT: #CLIENT#
 DATE PLOTTED: 10/20/2015 9:46 AM
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 PEN TABLE: pen.tbl

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-011322

USER NAME = dxtencz	DESIGNED - JS	REVISED -
FILE NAME = 86130384-shr-1sig2b-83-cl.dgn	DRAWN - JCH	REVISED -
PLOT SCALE = 1" = 20'	CHECKED -	REVISED -
PLOT DATE = 10/30/2015	DATE - 10/30/15	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
 STAGE 2 - EOLA ROAD AT 83RD STREET**

SCALE: 1" = 20' SHEET NO. 12 OF 28 SHEETS STA. TO STA.

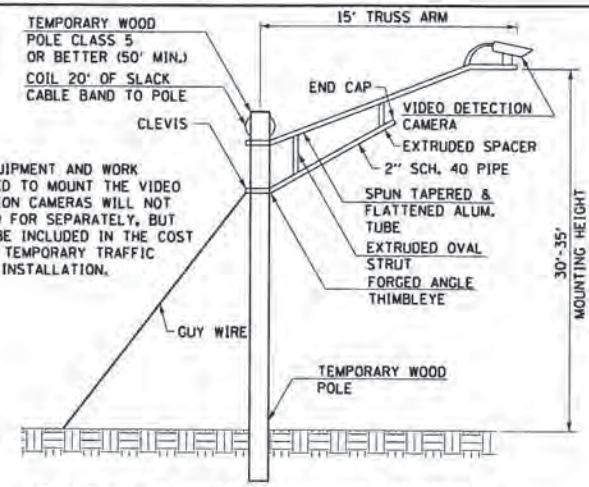
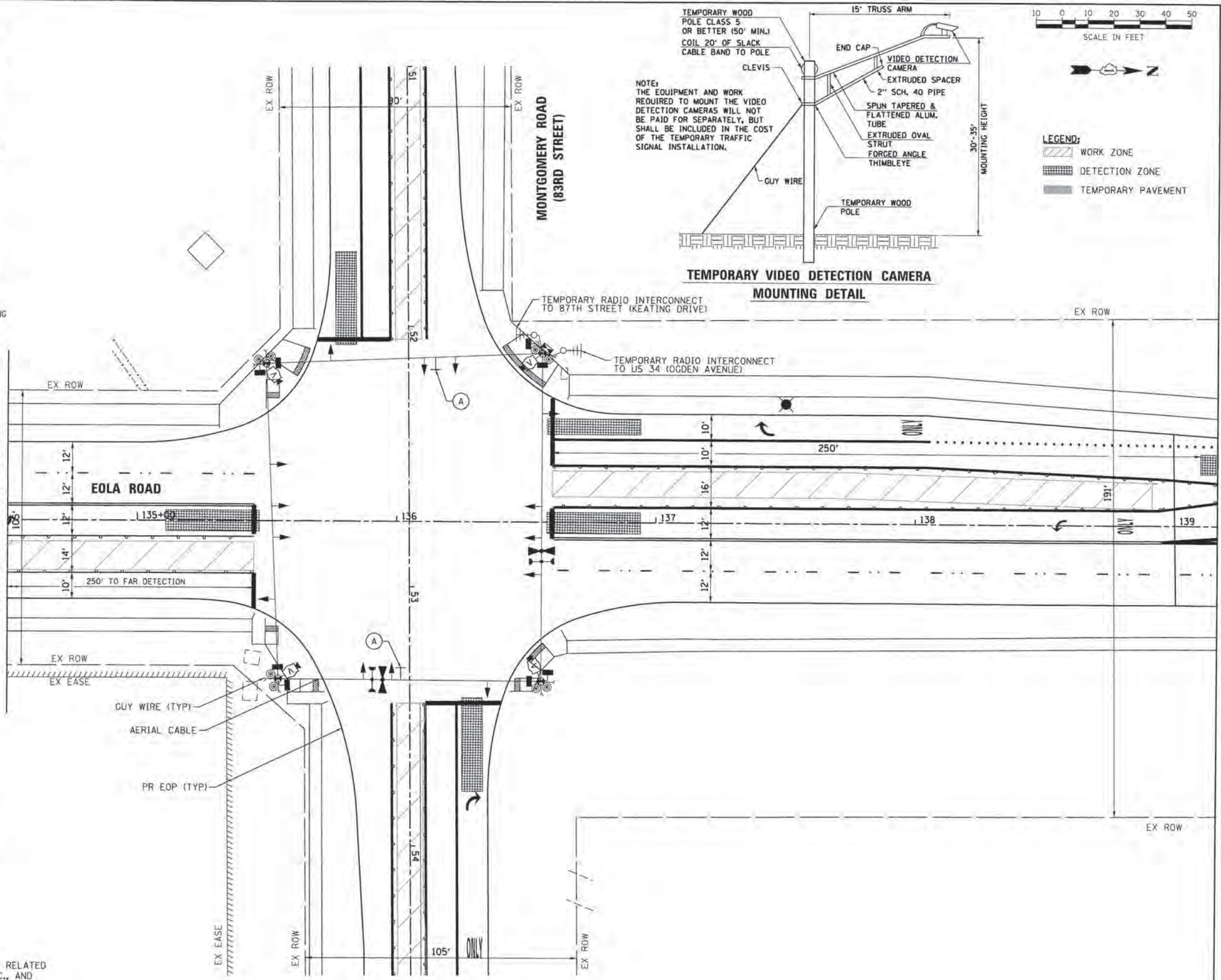
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	10-00292-00-WR	DUPAGE	229	99
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61C06	

NOTES FOR TEMPORARY TRAFFIC SIGNALS

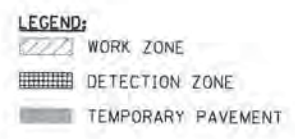
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
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MATCH LINE STA 134 + 50



TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL



- NOTES:
1. ALL EXISTING TRAFFIC SIGNALS, ELECTRIC CABLE, AND RACEWAYS SHALL REMAIN IN PLACE UNTIL ALL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT HAS BEEN INSTALLED. PRIOR TO DISCONNECTION OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT, THE CITY OF AURORA TRAFFIC SIGNAL ENGINEER SHALL BE NOTIFIED AT (630) 256-3237 A MINIMUM OF 72 HOURS IN ADVANCE OF THE TRAFFIC SIGNAL INSPECTION AND ACTIVATION.
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COMPANY NAME: HRGreen.com
 PROJECT CONTACT: HRGreen.com
 CLIENT: HRGreen.com
 FILE NAME: 86138384-sht-tsig3a-83-d.dgn
 PLOT DATE: 10/30/2015
 PLOT SCALE: 1" = 20'
 USER NAME: jstancz
 FILE NAME: 86138384-sht-tsig3a-83-d.dgn
 PLOT DATE: 10/30/2015

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	SCALE: 1" = 20'				SHEET NO. 13 OF 28 SHEETS		STA. TO STA.		CONTRACT NO. 61C06