

03-06-2015 LETTING ITEM 215

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. 2999 (OAK STREET)
CHICAGO AVENUE TO WALNUT STREET
REPLACEMENT OF OAK STREET BRIDGE OVER THE BNSF RAILROAD
SECTION: 10-00089-00-BR
PROJECT: BRM-9003(702)
VILLAGE OF HINSDALE
DUPAGE COUNTY
JOB: C-91-756-10

EXISTING STRUCTURE
S.N. 022-6550 WAS RECONSTRUCTED BY THE RAILROAD IN 1947 USING SALVAGED STEEL GIRDERS. THE EXISTING STRUCTURE CONSISTS OF FIVE SPANS INCLUDING A CENTER SPAN 49-FOOT LONG (STEEL THROUGH GIRDERS SUPPORTING TIMBER FLOOR BEAMS AND DECK) AND FOUR TIMBER PILE BENT APPROACH SPANS. THE STRUCTURE HAS A 15 DEGREE AHEAD RIGHT SKEW. THE STRUCTURE IS TO BE REMOVED.

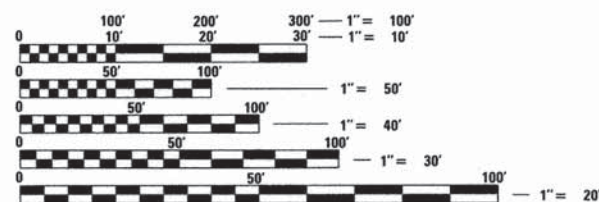
PROPOSED STRUCTURE
S.N. 022-6404 THE PROPOSED STRUCTURE IS A THREE SPAN BRIDGE CONSISTING OF AN 8" CONCRETE DECK ON STEEL PLATE GIRDERS WITH AN OUT-TO-OUT WIDTH OF 43'-4" AND A TOTAL LENGTH OF 173'-5 1/2" BK. TO BK. OF ABUTMENTS. THE PROPOSED STRUCTURE HAS SIDEWALK ON BOTH SIDES OF THE BRIDGE WITH CONCRETE PARAPETS, RAILING, AND FENCING FOR THE PORTION THAT SPANS OVER EXISTING BNSF RAILROAD TRACKS. THE SUBSTRUCTURE CONSISTS OF PIERS SUPPORTED ON PILES AND INTEGRAL ABUTMENTS. THE STRUCTURE WILL HAVE A 15 DEGREE AHEAD RIGHT SKEW.

PROFESSIONAL ENGINEER'S SIGN & SEAL

THOMAS S. CREECH, P.E.
EXPIRES: 11/30/2015

STRUCTURAL ENGINEER'S SIGN & SEAL

ROBERT G. DAVIES, P.E., S.E.
EXPIRES: 11/30/2016
STRUCTURE SHEETS: 92 TO 125



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

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

PROJECT ENGINEER: T. SCOTT CREECH, P.E.
PROJECT MANAGER: ROBERT DAVIES, S.E., P.E.
CONTRACT NO. 61B11

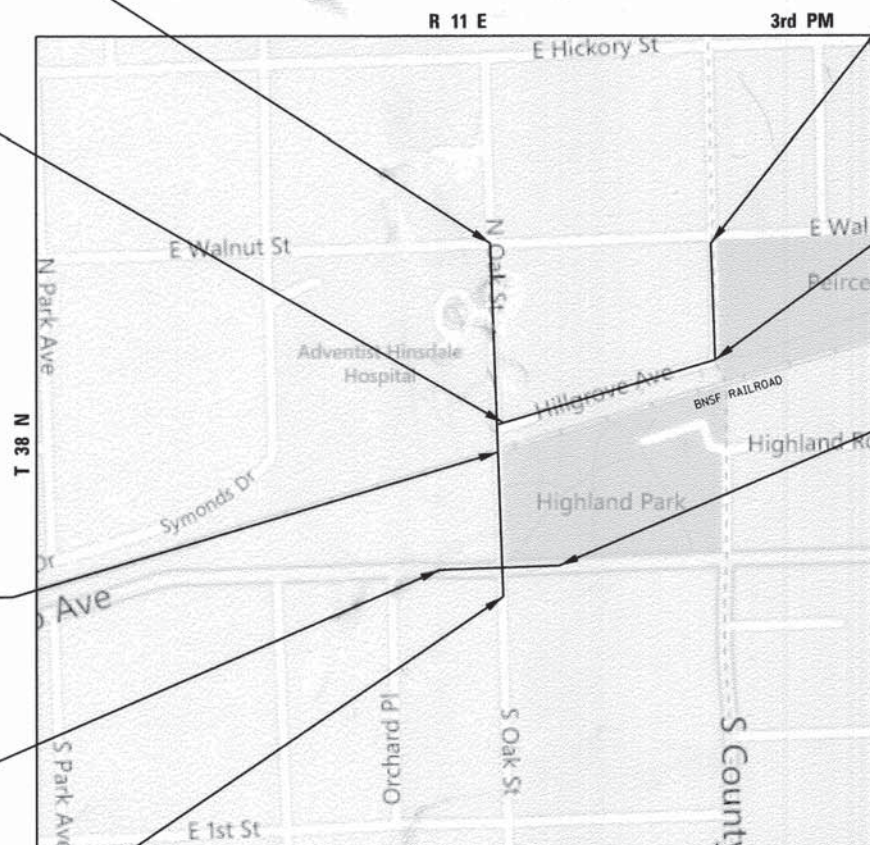
PROJECT ENDS
OAK STREET
STA 10015 + 45.00

PROJECT BEGINS
HILLGROVE AVENUE
STA 4100 + 04.00

BRIDGE REPLACEMENT
OVER BNSF RAILROAD
173'-5 1/2" BK.-BK. ABUTS.
PROPOSED S.N. 022-6404
EXISTING S.N. 022-6550

PROJECT BEGINS
CHICAGO AVENUE
STA 2005 + 00.00

PROJECT BEGINS
OAK STREET
STA 10004 + 25.00



LOCATION MAP
VILLAGE OF HINSDALE
DOWNERS GROVE TOWNSHIP

PROJECT GROSS AND NET LENGTH:
OAK STREET = 1,120 FT (0.212 MI)
HILLGROVE AVENUE = 610 FT (0.116 MI)
CHICAGO AVENUE = 390 FT (0.074 MI)
COUNTY LINE ROAD = 345 FT (0.065)
TOTAL PROJECT = 2,465 FT (0.467 MI)

PROJECT ENDS
COUNTY LINE ROAD
STA 8003 + 87.36

PROJECT BEGINS
COUNTY LINE ROAD
STA 8000 + 41.19

PROJECT ENDS
HILLGROVE AVENUE
STA 4106 + 10.00

PROJECT ENDS
CHICAGO AVENUE
STA 2008 + 90.00

PROJECT LOCATED IN THE
VILLAGE OF HINSDALE

HIGHWAY CLASSIFICATION
OAK STREET - MAJOR COLLECTOR (URBAN)
HILLGROVE AVENUE - LOCAL ROAD
CHICAGO AVENUE - MAJOR COLLECTOR (URBAN)
COUNTY LINE RD - MAJOR COLLECTOR (URBAN)

TRAFFIC DATA
OAK STREET = 6,000 (2010 ADT)
HILLGROVE AVENUE = 1,000 (2010 ADT)
CHICAGO AVENUE = 9,000 (2010 ADT)
COUNTY LINE RD = 1,300 (2010 ADT)

POSTED SPEED /DESIGN SPEED
OAK STREET = 25 MPH /25 MPH
HILLGROVE AVENUE = 25 MPH /25 MPH
CHICAGO AVENUE = 25 MPH /25 MPH
COUNTY LINE RD = 25 MPH /25 MPH

DESIGN DESIGNATION
300(40) COLLECTOR 30.71 (PCC-20)



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED December 12, 2014
David M. Suter
VILLAGE OF HINSDALE, VILLAGE ENGINEER

PASSED DECEMBER 23, 2014
CHRISTOPHER HOLT
DISTRICT 1 ENGINEER OF LOCAL ROAD AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW December 23, 2014
John Fortmann
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

HRGreen

323 ALANA DRIVE | NEW LENOX, ILLINOIS 60451
Phone: 815.462.9324 | Toll Free: 800.728.7805 | Fax: 815.462.9328 | HRGreen.com
ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

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STANDARD NO.	LIST OF DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420106-05	36' JOINTED PCC PAVEMENT
420501-05	PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-05	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600 MM) THRU 54" (1300 MM) PIPE)
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602016-02	CATCH BASIN, TYPE D
602301-04	INLET, TYPE A
602401-03	MANHOLE, TYPE A
602406-06	MANHOLE, TYPE A 6' DIAMETER
602411-04	MANHOLE, TYPE A 7' DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
604036-03	GRATE TYPE 8
604011-05	FRAME AND GRATE TYPE 3V
604046-03	FRAME AND GRATE TYPE 10
604051-04	FRAME AND GRATE TYPE 11
604056-04	FRAME AND GRATE TYPE 11V
604086-03	FRAME AND GRATE TYPE 23
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIERS
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
729001-01	APPLICATION OF TYPE A AND B METAL POSTS (FOR SIGNS AND MARKERS)
814001-03	HANDHOLES
836001-02	LIGHT POLE FOUNDATION

DISTRICT ONE DETAILS	
STANDARD NO.	LIST OF DESCRIPTION
BD01	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ TO 15 FT
BD02	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER < TO 15 FT
BD07	DETAIL OF STORM SEWER CONNECTION TO EXISTING STORM SEWER
BD12	MANHOLE WITH RESTRICTOR PLATE
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD48	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER
BD52	DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS
BE-300	LIGHT POLE FOUNDATION 30' (9.144 m) TO 35' (10.668 m) m>h> 11 1/2" (292 mm) BOLT CIRCLE
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL REMOTE DISCONNECT
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

032-gen-01.dgn
COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
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PLOT DRIVER: pdf_vt.plt
PEN TABLE: standard-trans-screen-topo.tbl



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	DRAWN - DS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 12/15/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS
STATE STANDARDS & GENERAL NOTES

SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	2
CONTRACT NO.			61B11	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT ORECH, P.E.
CLIENT: VILLAGE OF HINSDALE
DATE PLOTTED: 12/11/2014 14:51 PM
FILE NAME: 032-gen-01.dgn
PLOT DRIVER: pdf, xvbat
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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 REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 AND THE VILLAGE OF HINSDALE AT (630) 789-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE USGS (NAD 83) DATUM.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE ITEM REMOVED. NO DRY CUTTING WILL BE ALLOWED.
- DRIVEWAY OFFSETS ARE TO BE CONSTRUCTED TO THE R.O.W. OR EASEMENT UNLESS OTHERWISE NOTED.
- REMOVAL OF EXISTING COMBINATION CURB AND GUTTER, REGARDLESS OF CURB AND GUTTER TYPE, SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL".
- THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
- ALL SIGNS TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE VILLAGE AND SHALL BE RETURNED TO THE VILLAGE UPON REMOVAL. CONTACT VILLAGE PUBLIC SERVICES AT 630-789-7030 OR 223 SYMONDS DRIVE, HINSDALE, IL.
- ALL A.D.A. RAMP PANELS REMOVED UNDER SIDEWALK REMOVAL SHALL REMAIN THE PROPERTY OF THE VILLAGE AND SHALL BE RETURNED TO THE VILLAGE UPON REMOVAL.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT 630-789-7030 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- THE RESIDENT ENGINEER SHALL CONTACT THE QA MATERIALS TESTING CONSULTANT 48 HOURS IN ADVANCE OF PLACING MATERIALS.
- THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS EXCAVATION, SUITABLE AND UNUSABLE MATERIALS OFFSITE AND AT AN APPROVED LOCATION IN A MANNER THAT PUBLIC OR PRIVATE PROPERTY WILL NOT BE DAMAGED OR ENDANGERED. THIS WORK IS CONSIDERED INCLUDED IN THE COST OF THE PROJECT.
- NO EXCAVATIONS WILL BE PERMITTED TO REMAIN OPEN OVER ANY WEEKEND AND NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT IN ANY RESIDENTIAL AREA.
- SPECIAL ATTENTION IS DRAWN TO THE FACT THAT ARTICLE 105.06 OF THE STANDARD SPECIFICATIONS REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT, SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVE CONTROL OF ALL WORK AS THE AGENT OF THE CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 107.07.
- THE ENGINEER AND VILLAGE ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
- THE INDISCRIMINATE USE OF WATER FROM 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 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 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 TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- THE CONTRACTOR SHALL FILL THE HOLES CREATED BY THE REMOVAL OF THE DRIVEWAY PAVEMENT WHERE NEW GUTTER OR SIDEWALK IS TO BE INSTALLED WITH AGGREGATE BASE COURSE (CA-6 CRUSHED) SO THAT THE RESIDENTS CAN USE THEIR DRIVEWAYS UNTIL THE START OF INSTALLATION OF THE CONCRETE GUTTER AND/OR SIDEWALK. THE COST OF THE AGGREGATE BASE COURSE WILL BE INCLUDED IN THE COST OF THE ITEM OF WORK BEING CONSTRUCTED.
- 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.
- CONSTRUCTION WORK MAY BE PERFORMED MONDAY THRU FRIDAY DURING THE HOURS OF 8:00 A.M. TO 7:00 P.M. AND SATURDAY DURING THE HOURS OF 9:00 A.M. TO 7:00 P.M. NO WORK MAY BE PERFORMED PRIOR OR BEYOND THIS PERIOD WITHOUT PRIOR WRITTEN APPROVAL FROM THE VILLAGE. NO COMPENSATION WILL BE PAID FOR ANY INCONVENIENCE, DELAY, OR LOSS EXPERIENCED BY THE CONTRACTOR BECAUSE OF ADJUSTMENTS TO THEIR NORMAL SCHEDULE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
- THE THICKNESSES OF HOT MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT MIX ASPHALT MIXTURES ARE TO BE PLACED.
- WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

- TYPE "B" CURB RAMPS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AND CURBED DRIVEWAYS PER CURRENT IDOT STANDARDS AT LOCATIONS WHERE SIDEWALK IS SHOWN ON THE PLAN.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL EXISTING STREET SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND AFTER COMPLETION OF ROADWAY CONSTRUCTIONS, TO SET THEM IN THEIR PERMANENT LOCATIONS. THIS WORK SHALL BE DONE IN CONFORMANCE WITH ARTICLE 107.20 OF THE STANDARDS SPECIFICATIONS, AND THE COST WILL BE CONSIDERED INCLUDED IN THE COST OF MOBILIZATION.
- TIE AND DOWEL BARS SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER.

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.
- 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 ENGINEER.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
- 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.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE VILLAGE, AS APPLICABLE. CONTACT VILLAGE PUBLIC SERVICES AT 630-789-7030 OR 223 SYMONDS DRIVE, HINSDALE, IL.
- ANY ITEMS DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES, LIDS, OR BOXES AND/OR STOCKPILING THEM ON THE JOB SITE FOR DELIVERY TO THE VILLAGE OF HINSDALE, AS APPLICABLE SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. CONTACT PUBLIC SERVICES AT 630-789-7030.
- RIM ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. RIM ELEVATIONS FOR STRUCTURES IN THE CURB ARE TO EDGE OF PAVEMENT. 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.
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED. THE RINGS SHALL BE INCLUDED IN THE COST OF WORK BEING PERFORMED.
- THE VILLAGE PUBLIC SERVICES DEPARTMENT WILL PROVIDE A WATER METER SO THAT WATER CAN BE USED FOR DUST CONTROL, MIXING MORTAR, ETC. THE CONTRACTOR WILL PAY FOR THE QUANTITY OF WATER AND WILL BE INCLUDED IN THE COST OF THE ITEM FOR WHICH WATER WILL BE USED.

WATER MAIN GENERAL

- ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, AND REVISIONS THERETO. THESE IMPROVEMENT PLANS AND DETAILS, SPECIAL PROVISIONS AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE VILLAGE OF HINSDALE.
- PROVIDE ADDITIONAL WATER MAIN FITTINGS AS NECESSARY TO DEFLECT WATER MAIN ALONG ROADWAY CURVES AND EXISTING TERRAIN SO THAT THE MANUFACTURER'S RECOMMENDED MAXIMUM DEFLECTION OF PIPE AT JOINTS IS NOT EXCEEDED. ALL FITTINGS SHALL BE CONSIDERED INCLUDED IN THE COST OF WATER MAIN CONSTRUCTION.
- ALL REMOVED WORKING COMPONENTS OF WATER MAIN CONSTRUCTION SUCH AS FIRE HYDRANTS, VALVES, VALVE BOXES, AND AUXILIARY VALVES ARE TO BE RETURNED TO THE VILLAGE OF HINSDALE PUBLIC WORKS DEPARTMENT.

WATER SERVICE

- A MINIMUM OF 4.5', MAXIMUM OF 8' OF COVER SHALL BE PROVIDED.
- ALL WATER SERVICES EQUAL TO OR GREATER THAN 50' IN LENGTH SHALL BE PUSHED. THIS WORK SHALL BE INCLUDED AND PAID FOR AS "WATER SERVICE LINE 1-1/2". FOR THOSE SERVICES EQUAL TO OR GREATER THAN 50' IN LENGTH, NO QUANTITIES HAVE BEEN INCLUDED AND NO COMPENSATION WILL BE PROVIDED FOR THE FOLLOWING ITEMS ASSOCIATED WITH THIS WORK: TRENCH BACKFILL, SODDING, SALT TOLERANT (SPECIAL), COMBINATION CONCRETE CURB AND GUTTER, SIDEWALK REMOVAL AND REPLACEMENT OR DRIVEWAY REMOVAL.
- CURB STOP LOCATIONS AND WATER SERVICES SHOWN ARE APPROXIMATE LOCATIONS AND SUBJECT TO CHANGE DUE TO EXISTING CONDITIONS AND LOCATION OF EXISTING SERVICE TO BE RECONNECTED. ALL WATER SERVICE LOCATIONS WILL BE MARKED BY THE VILLAGE PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY REQUIRED RELOCATIONS DUE TO CONSTRUCTION.
- ALL RESIDENTS SHALL BE NOTIFIED BY THE CONTRACTOR 24 HOURS PRIOR TO THE INTERRUPTION OF THE WATER SERVICE. ALL SERVICES MUST BE RESTORED SO THAT NO SERVICE IS INTERRUPTED FOR MORE THAN THREE (3) HOURS. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO ENSURE THAT NO DIRT/DEBRIS ENTERS THE SPLIT SERVICE LINE. ALL PROPOSED WATER SERVICE LINES SHALL BE FLUSHED PRIOR TO FINAL CONNECTION TO RESIDENT SUPPLY LINE.

- THE VILLAGE MUST BE IN POSSESSION OF THE IEPA OPERATING PERMIT PRIOR TO INSTALLATION OF ANY SERVICE CONNECTIONS.
- ALL PLUMBING SHALL BE INSTALLED BY A LICENSED PLUMBER OR PLUMBING APPRENTICE AS PER ILLINOIS PLUMBING CODE.
- THRUST BLOCKS
- BLOCKING TO PREVENT MOVEMENT OF MAINS UNDER PRESSURE AT BENDS AND FITTINGS SHALL BE PORTLAND CEMENT CONCRETE, A MINIMUM OF 12-INCHES THICK, PLACED BETWEEN SOLID GROUND, AND THE FITTINGS IN SUCH A MANNER THAT PIPE FITTINGS AND JOINTS WILL BE ACCESSIBLE FOR REPAIRS.
- ALL BENDS OF 22-1/2 DEGREES OR GREATER, AND ALL TEES AND PLUGS SHALL BE THRUST PROTECTED TO PREVENT MOVEMENT OF THE LINE UNDER PRESSURE.
- WHERE UNDISTURBED EARTH IS NOT AVAILABLE AND NOT LIKELY TO BE AVAILABLE TO SUPPORT THRUST BLOCKS, RETAINING GLANDS (MEGALUGS TYPE) SHALL BE USED AS APPROVED BY THE VILLAGE.

FIRE HYDRANTS

NO HYDRANT SHALL BE INSTALLED WITHIN 48-INCHES OF ANY OBSTRUCTION NOR SHALL ANY OBSTRUCTION BE PLACED WITHIN 48-INCHES OF A HYDRANT.

PROTECTION OF WATER MAIN AND WATER SERVICE LINES

- SEPARATION OF WATER MAINS AND SERVICES FROM SEWERS SHALL COMPLY WITH THE ILLINOIS EPA DIVISION OF PUBLIC WATER SUPPLIES TECHNICAL POLICY STATEMENTS, LATEST EDITION.

MISCELLANEOUS ALLOWED MATERIALS

- WATER MAIN CASING SPACERS:
- CASING SPACERS SHALL BE POWERSEAL CASING CHOCK MODEL 4810, OR ENGINEER'S APPROVED EQUAL.

VILLAGE OF HINSDALE WATER SPECIFICATIONS:

SECTION 501 - GENERAL
THE STANDARDS AND REQUIREMENTS FOUND IN THIS ARTICLE ARE FOR MATERIALS AND CONSTRUCTION OF WATER MAINS WITHIN THE VILLAGE OF HINSDALE, ILLINOIS. SPECIFIC REFERENCES MADE HEREIN FOR MANUFACTURED MATERIALS SUCH AS PIPE, HYDRANTS, VALVES, AND FITTINGS REFER TO DESIGNATIONS FOR AMERICAN WATER WORKS ASSOCIATION (AWWA) OR TO THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI). NOTHING HEREIN SHALL CONSTITUTE OR IMPLY AN ENDORSEMENT BY THE VILLAGE OF HINSDALE OF ANY ONE MATERIAL OVER ANOTHER.

SECTION 501.01 - SPECIFICATIONS
THESE SPECIFICATIONS COVER PIPE AND FITTINGS AND ITEMS NORMALLY USED FOR WATER DISTRIBUTION SYSTEMS. SPECIAL CONSIDERATIONS WILL BE COVERED WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, EXCEPT AS MODIFIED HEREIN. IN CASES OF CONFLICT BETWEEN STANDARDS, THE MORE RESTRICTIVE STANDARD SHALL APPLY, AS DETERMINED BY THE VILLAGE ENGINEER.

SECTION 501.02 - START OF CONSTRUCTION
WATER MAIN CONSTRUCTION SHALL NOT START BEFORE ACQUIRING AND IEPA CONSTRUCTION PERMIT.

SECTION 502 - MATERIALS

SECTION 502.01 - PIPE
ALL WATER MAIN PIPE MATERIALS SHALL CONFORM TO THE LATEST APPLICABLE ANSI AND AWWA, OR OTHER NATIONALLY ACCEPTED STANDARDS. ONLY THE FOLLOWING WATER MAIN PIPE AND JOINT MATERIALS ARE APPROVED FOR USE IN THE VILLAGE OF HINSDALE, ILLINOIS.

- WATER MAIN QUALITY PVC SHALL MEET REQUIREMENTS OF SECTION 40-2.03, .04, AND .05 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION. PVC PIPE SHALL MEET AWWA C900-75 SDR 18 QUALITY AND SHALL HAVE THE SAME OUTSIDE DIAMETER AS DUCTILE IRON PIPE AS PER TABLE 2 OF AWWA C900-75. TRACER WIRE AND WARNING TAPE SHALL BE INSTALLED WITH THE PIPE.

SECTION 502.02 - FITTINGS

ALL FITTINGS SHALL CONFORM TO AWWA C110-77 AND BE CONSTRUCTED OF DUCTILE IRON WITH CEMENT LINING CONFORMING AWWA C104. ALL BOLTS AND NUTS IN THE ASSEMBLY AND ATTACHMENT OF THE FITTING SHALL BE STAINLESS STEEL.

SECTION 502.03 - VALVES
ONLY THE FOLLOWING VALVES ARE APPROVED FOR USE IN THE VILLAGE OF HINSDALE:

- FOR VALVES SIXTEEN (16) INCHES AND LESS, RESILIENT WEDGE GATE VALVES MANUFACTURED BY MUELLER, CLOW, OR US PIPE C515 CONFORMING TO AWWA C509 WITH MECHANICAL JOINT FITTINGS AND MEGA-LUG RETAINER GLANDS MANUFACTURED BY EBAA IRON OR FORD WEDGE ACTION RETAINER, EACH WITH DURATRON SAC-NUTS INSTALLED ACCORDING TO THE TABLE ON DETAIL NO. 14. ALL BOLTS AND NUTS IN THE ASSEMBLY OF AND ATTACHMENT OF THE VALVE SHALL BE STAINLESS STEEL.
- FOR VALVES GREATER THAN SIXTEEN (16) INCHES, PRATT BUTTERFLY VALVES CONFORMING TO AWWA C504 WITH MECHANICAL JOINT FITTINGS AND MEGA-LUG RETAINER GLANDS MANUFACTURED BY EBAA IRON OR FORD WEDGE ACTION RETAINER, EACH WITH DURATRON SAC-NUTS INSTALLED ACCORDING TO THE TABLE ON DETAIL NO. 14. ALL BOLTS AND NUTS IF THE ASSEMBLY OF AND ATTACHMENT OF THE VALVE SHALL BE STAINLESS STEEL.

SECTION 502.04 - FIRE HYDRANT
FIRE HYDRANTS SHALL BE US PIPE METROPOLITAN / M-94 TYPE, PROVIDED WITH A 6" US PIPE OR MUELLER RESILIENT WEDGE AUXILIARY GATE VALVE ATTACHED TO THE HYDRANT WITH A FLANGE TYPE FITTING CONFORMING TO AWWA C509 WITH A MUELLER 10360 OR EAST JORDAN IRON WORKS 6645 VALVE BOX AND VALVE BOX STABILIZER (SEE DETAIL NO. 11 AND 12). ALL NUTS AND BOLTS IN THE ASSEMBLY AND ATTACHMENT SHALL BE STAINLESS STEEL.

GENERAL NOTES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	3
CONTRACT NO.				61B11
FED. ROAD DIST. NO.	ILLINOIS/FED. AID PROJECT			

SCALE: N.T.S.	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

USER NAME = dstanoe	DESIGNED - TSC	REVISED -
	DRAWN - DS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 12/11/2014	DATE -	REVISED -



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SECTION 502.05 - VALVE VAULT

VALVE VAULTS SHALL BE PRECAST REINFORCED CONCRETE CONFORMING TO ASTM C478 PROVIDED WITH EXTRUDIBLE PREFORMED PLASTIC GASKETS AT ALL JOINTS AND AN EAST JORDAN IRON WORKS 1050A (OR ENGINEER'S APPROVED EQUAL) FRAME AND COVER WITH "VILLAGE OF HINSDALE" AND WATER CAST INTO THE COVER. (SEE DETAIL NO 14)

SECTION 502.06 - PRESSURE CONNECTION

PRESSURE CONNECTIONS FOR WATER MAIN SIZES OF UP TO 12" SHALL BE MADE THROUGH A GATE VALVE THAT COMPLIES WITH SECTION 502.03 OF THE VILLAGE STANDARD AND A MUELLER STAINLESS STEEL TAPPING SLEEVE OF THE APPROPRIATE DIMENSION. A VALVE VAULT THAT COMPLIES WITH SECTION 502.05 OF THE VILLAGE STANDARD SHALL HOUSE THE PRESSURE CONNECTION. PRESSURE CONNECTIONS SHALL BE MADE ONLY IN THE PRESENCE OF AN AUTHORIZED VILLAGE OF HINSDALE REPRESENTATIVE. (SEE DETAIL NO. 13)

SECTION 502.08 - WATER SERVICE

THE FOLLOWING ITEMS SHALL BE PROVIDED FOR EACH WATER SERVICE IN THE VILLAGE OF HINSDALE:

- SERVICE PIPE ONE AND ONE HALF (1-1/2) INCH OR LESS IN DIAMETER SHALL BE COPPER TYPE K CONFORMING TO ASTM B88, WITH FLARED FITTINGS. MINIMUM DEPTH SHALL BE FOUR AND ONE HALF (4-1/2) FT OF COVER TO FINISHED GRADE. MINIMUM SERVICE PIPE DIAMETER IS ONE AND ONE HALF (1-1/2) INCH.
- CORPORATION STOPS SHALL BE FLARED AND WITH A PLUG VALVE. ACCEPTED MANUFACTURES ARE MUELLER, FORD, OR MCDONALD.
- CURB STOPS SHALL BE FLARED WITH A BALL VALVE AND MINNEAPOLIS PATTERN. ACCEPTED MANUFACTURES ARE MUELLER, FORD, OR MCDONALD.
- SERVICE BOXES FOR A ONE (1) INCH SERVICE SHALL BE A MUELLER H-10302 OR EQUIVALENT WITH A ONE AND ONE HALF (1-1/2) INCH PIPE SHAFT.
- SERVICE BOXES FOR A ONE AND ONE HALF (1-1/2) INCH SERVICES SHALL BE A MUELLER H-10302 OR EQUIVALENT WITH A ONE AND ONE HALF (1-1/2) INCH PIPE SHAFT.

ALL SERVICES SHALL REQUIRE FULL CIRCLE STAINLESS STEEL TAPPING CLAMPS. ACCEPTED MODELS ARE JCM TYPE 163, FORD TYPE FS1, OR SMITH-BLAIR TYPE 264. THE TAP SHOULD BE MADE AT A FORTY-FIVE (45) DEGREE ANGLE FROM THE TOP OF THE MAIN. SERVICE TAPS SHALL BE MADE NO CLOSER THAN SIXTEEN (16) INCHES FROM OTHER CONNECTIONS, BELLS, OR FITTINGS. THE SERVICE LINE SHOULD BE INSTALLED AT A NINETY (90) DEGREE ANGLE FROM THE WATER MAIN UP TO THE SERVICE BOX.

SECTION 503 - DESIGN REQUIREMENTS

SECTION 503.01 - WATER DISTRIBUTION SYSTEM

THE MINIMUM WATER MAIN DIAMETER FOR PUBLIC WATER MAIN SYSTEMS SHALL BE TEN (10) INCHES.

DEAD END WATER MAINS ARE NOT PERMISSIBLE, EXCEPT IN CUL-DE-SACS AS REFERENCED LATER WITHIN THIS DOCUMENT.

THE WATER DISTRIBUTION SYSTEM SHALL BE EXTENDED TO FARTHEST LIMIT OF PROPERTY AND LOOPED TO AN EXISTING SYSTEM (UNLESS DIRECTED OTHERWISE IN WRITING BY VILLAGE ENGINEER).

PRESSURE TAPS ARE REQUIRED FOR ALL CONNECTIONS TO THE EXISTING WATER DISTRIBUTION SYSTEMS UNLESS OTHERWISE DIRECTED IN WRITING BY THE VILLAGE ENGINEER.

FIRE HYDRANTS SHALL BE SPACED AT A MAXIMUM SEPARATION OF 350 FEET MEASURED ALONG THE PROPOSED WATER MAIN.

FIRE HYDRANTS AND MAIN LINE VALVES SHALL BE INSTALLED ADJACENT TO ONE ANOTHER WITHIN TEN (10) FEET OF THE ADJACENT LOT LINE EXTENDED.

HYDRANT LOCATIONS, DIMENSION TO THE BACK OF THE NEAREST CURB, FINAL GRADE RING ELEVATION. HYDRANTS SHALL BE PLACED A MINIMUM OF THREE (3) FEET BEHIND THE BACK OF CURB.

HYDRANTS SHALL NOT BE PLACED IN LOCATIONS WHERE UTILITY CROSSINGS REQUIRE A HYDRANT DEPTH IN EXCESS OF SEVEN (7) FEET.

A SAMPLING STATION SHALL BE PROVIDED FOR EVERY DEVELOPMENT. THE SAMPLING STATION SHALL BE STAKED FOR LOCATION AND GRADE PRIOR TO CONSTRUCTION.

HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS SHALL BE PROVIDED IN CONFORMANCE WITH IEPA REGULATIONS.

PROPOSED WATER MAINS WITHIN CUL-DE-SACS SHALL NOT BE LOOPED AND SHALL BE EXTENDED TO THE END OF THE CUL-DE-SAC AND TERMINATED FOLLOWING THE AUXILIARY VALVE AND FIRE HYDRANT. THE FIRE HYDRANT SHALL BE THRUST BLOCKED AS INDICATED IN THE VILLAGE'S STANDARD DETAIL.

AT LOCATIONS OF WATER MAIN STUBS FOR FUTURE CONNECTIONS, A FIRE HYDRANT SHALL BE PROVIDED IMMEDIATELY BEFORE A GATE VALVE AND FOLLOWED BY A TWENTY (20) FOOT SECTION OF WATER MAIN WITH THE APPLICABLE PLUG AND THRUST-BLOCKING.

WATER VALVES SHALL BE PROVIDED SO THAT THE MAXIMUM SERVICES AFFECTED BY SERVICE LOSS IN THE EVENT OF A MAIN BREAK WILL NOT EXCEED 15 UNITS. IN ADDITION, SUFFICIENT VALVING SHALL BE PROVIDED TO ENSURE THAT NO MORE THAN THREE VALVES ARE NECESSARY IN ORDER TO ISOLATE A SECTION OF WATER MAIN.

SIXTEEN INCH AND LARGER MAINS SHALL INCLUDE RESTRAINED JOINT PIPE FOR THREE PIPE LENGTHS FROM EACH FITTING.

SECTION 503.02 - WATER SERVICE

WATER SERVICES SHALL NOT EXCEED ONE HUNDRED (100) FEET IN LENGTH FROM THE WATER MAIN TO THE BUFFALO BOX. SPLICES WITHIN THE WATER SERVICES SHALL NOT BE PERMITTED. THE CURB STOP SHALL BE INSTALLED IN THE PARKWAY AT A POINT EIGHTEEN (18) INCHES FROM THE OUTER EDGE OF THE SIDEWALK IF A SIDEWALK IS IN PLACE. IF THERE IS NO SIDEWALK, THE CURB STOP SHALL BE INSTALLED SEVEN AND ONE HALF (7-1/2) FEET FROM THE LOT LINE, EXCEPT THAT IN COMMERCIAL AREAS WHERE THERE ARE NO PARKWAYS. BUFFALO BOXES MAY BE LOCATED AT SUCH POINTS AS MAY BE APPROVED BY THE DIRECTOR OF PUBLIC SERVICES.

SECTION 504 - CONSTRUCTION REQUIREMENTS

SECTION 504.01 - DEPTH OF COVER

UNLESS OTHERWISE SHOWN ON THE PLANS OR INDICATED IN THE SPECIAL PROVISIONS, ALL PIPES SHALL BE INSTALLED WITH A MINIMUM OF FIVE FEET (5') OF GROUND COVER, MEASURED FROM THE PROPOSED GRADE TO THE TOP OF THE PIPE. IN AREAS SUBJECT TO SUBSEQUENT EXCAVATION OR FILL, THE MAINS SHALL BE LAID TO THE GRADES SHOWN ON THE PLANS.

SECTION 504.02 - PIPE FOUNDATION

THE TRENCH SHALL HAVE A FLAT BOTTOM CONFORMING TO THE GRADE TO WHICH THE PIPE IS LAID. THE PIPE SHALL BE LAID ON SOUND AGGREGATE BEDDING, NO LESS THAN FOUR (4) INCHES IN DEPTH, TRUE TO GRADE AND SHALL HAVE A FIRM BEARING FOR THE FULL LENGTH OF PIPE. ANY PART OF THE TRENCH EXCAVATED BELOW GRADE SHALL BE CORRECTED WITH TRENCH BACKFILL MATERIAL AND THOROUGHLY COMPACTED. ONCE INSTALLED THE PIPE SHALL BE BEDDED IN AGGREGATE TO A DEPTH OF SIX INCHES ABOVE THE PIPE. AGGREGATE BEDDING SHALL CONFORM TO IDOT GRADATION CA-7.

SECTION 504.03 - HANDLING OF PIPE

ALL PIPES SHALL BE HANDLED IN SUCH A MANNER AS WILL PREVENT DAMAGE TO THE PIPE OR COATING. DAMAGED PIPE AND OTHER ACCESSORIES SHALL BE REJECTED AND REPLACED TO THE SATISFACTION OF THE VILLAGE ENGINEER. NO CHAINS SHALL BE USED DURING THE INSTALLATION OF THE PROPOSED WATER MAIN. ANY PIPE THAT IS SCRATCHED DURING INSTALLATION SHALL BE SPRAYED WITH A DIALECTRIC UNDERCOATING PAINT. THE METHODS OF HANDLING SHALL BE CORRECTED TO PREVENT FURTHER DAMAGE WHEN CALLED TO THE ATTENTION OF THE CONTRACTOR.

THE PIPE AND FITTINGS SHALL BE INSPECTED BY THE CONTRACTOR FOR DEFECTS WHILE SUSPENDED ABOVE GRADE.

DIRT OR OTHER FOREIGN MATERIALS SHALL BE PREVENTED FROM ENTERING THE PIPE OR PIPE JOINT DURING THE HANDLING OR LAYING OPERATIONS AND ANY PIPE OR FITTING THAT HAS BEEN INSTALLED WITH DIRT OR FOREIGN MATERIAL IN IT SHALL BE THOROUGHLY CLEANED. AT TIMES WHEN PIPE LAYING IS NOT IN PROGRESS, AND AT THE END OF EACH WORKING DAY, THE OPEN ENDS OF THE PIPE SHALL BE CLOSED BY A WATER TIGHT PLUG TO ENSURE ABSOLUTE CLEANLINESS INSIDE THE PIPE. THE PLUGS SHALL NOT BE REMOVED UNTIL THE TRENCH HAS BEEN DEWATERED TO THE SATISFACTION OF THE VILLAGE ENGINEER.

SANITARY SEWER CONSTRUCTION

- ALL SANITARY SEWER CONSTRUCTIONS SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTIONS IN ILLINOIS", LATEST EDITION, AND REVISIONS THERETO, THE NOTES ON THE PLANS AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE VILLAGE OF HINSDALE.
- SANITARY SEWER SERVICES SHALL BE CONSTRUCTED ACCORDING TO THE DETAILS ON THE PLANS.

TRENCH BACKFILL AND BEDDING

- STORM SEWER, WATER MAIN, AND SANITARY SEWER SHALL BE BACK FILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY.
- PROVIDE TRENCH BACKFILL FOR ALL UTILITY LINES WITHIN 2' OF PAVED AREAS. ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE. DEPTH WILL BE CALCULATED AS INVERT DEPTH FROM SURFACE ELEVATION.
- TRENCH BACKFILL MATERIAL SHALL CONSIST OF CA-7 MATERIAL.
- AT NO TIME SHALL WATER ENCOUNTERED IN THE TRENCH BE ALLOWED TO ENTER THE PIPE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEWATERING AND THIS WORK IS INCLUDED IN THE COST OF STORM SEWER AND WATER MAIN.
- TRENCH BACKFILL SHALL BE REQUIRED IN ALL LOCATIONS WHERE THE WATER MAIN TRENCH IS UNDER OR WITHIN TWO FEET (2') OF EXISTING OR PROPOSED PAVEMENTS INCLUDING BUT NOT LIMITED TO STREETS, SIDEWALKS AND DRIVEWAYS.
- THE TRENCH BACKFILL MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING SIX INCHES (6") AND SHALL BE MECHANICALLY COMPACTED TO NINETY-FIVE PERCENT (95%) OF THE STANDARD LABORATORY DENSITY. VERIFICATION OF DENSITY TESTING SHALL BE PROVIDED IN WRITING TO THE VILLAGE PRIOR TO FINAL ACCEPTANCE OF THE WATER MAIN.
- BEDDING SHALL BE CA-7 AT A MINIMUM OF FOUR INCHES (4") BELOW BOTTOM OF MAIN. COVERAGE SHALL BE CA-7 AT A MINIMUM OF SIX INCHES (6") OVER THE TOP OF THE MAIN, UNLESS TRENCH IS WITHIN TWO FEET (2') OF ROADWAY, THEN COMPLETE COVERAGE TO TOP OF EXCAVATION IS REQUIRED.

SIGNING AND STRIPING

- SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAIL AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- ALL SIGNS SHALL BE INSTALLED OR RELOCATED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEMS.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.

TRAFFIC CONTROL

- SEE SUGGESTED MOT AND DETOUR PLAN FOR NOTES AND DETAILS CONCERNING TRAFFIC CONTROL AND PROTECTION.

EROSION CONTROL PLANS

- SEE EROSION CONTROL PLANS FOR GENERAL NOTES CONCERNING EROSION CONTROL.

EARTHWORK

- PRIOR TO ANY EMBANKMENT PLACEMENT ALL VEGETATION AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL.
- SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSTABLE MATERIAL.

HR GREEN
COMPANY NAME:
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINSDALE
DATE PLOTTED: 12/11/2014 14:26 PM
FILE NAME: 032-gen-01.dgn
PLOT DRIVER: pdf-plot
PEN TABLE: sfondard-trans-screen-topo.tbl

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	PLOT SCALE = N.T.S.	DRAWN - DS	REVISED -						2999	10-00089-00-BR	DUPAGE	157	4
	PLOT DATE = 12/11/2014	CHECKED - RD	REVISED -						CONTRACT NO. 61B11				
		DATE -	REVISED -						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SCALE: N.T.S.					SHEET NO. 3 OF 3 SHEETS			STA. TO STA.					

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 1/5/2015 4:18:16 PM
FILE NAME: 032-sum01.dgn
PLOT DRIVER: pdf-xyplot
PEN TABLE: standard-trans-screen-1000.tbl

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FED 20% STATE 0004	BRIDGE 80% FED 20% STATE 0011	LIGHTING 80% FED 20% STATE 0021	WATER MAIN 80% FED 20% STATE 0043
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	175	175			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	450	450			
20101100	TREE TRUNK PROTECTION	EACH	34	34			
20101200	TREE ROOT PRUNING	EACH	34	34			
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	16	16			
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	18	18			
20200100	EARTH EXCAVATION	CU YD	3,125	3,125			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,845	975	1,870		
20400800	FURNISHED EXCAVATION	CU YD	1,000	1,000			
20800150	TRENCH BACKFILL	CU YD	2,070	2,070			
20900110	POROUS GRANULAR BACKFILL	CU YD	266		266		
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	6,733	6,733			
* 21101665	TOPSOIL FURNISH AND PLACE, 18"	SQ YD	530	530			
21301084	EXPLORATION TRENCH 84" DEPTH	FOOT	40	40			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	97	97			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	97	97			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	97	97			
* 25100630	EROSION CONTROL BLANKET	SQ YD	6,733	6,733			
* 25200110	SODDING, SALT TOLERANT	SQ YD	6,733	6,733			
* 25200200	SUPPLEMENTAL WATERING	UNIT	260	260			
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	139	139			
28000400	PERIMETER EROSION BARRIER	FOOT	3,238	3,238			
28000510	INLET FILTERS	EACH	45	45			
+ 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	975	975			
+ 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	4,723	4,723			
31100500	SUBBASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	2,244	2,244			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,747	1,747			
+ 40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	374	374			
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	47	47			
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	93	93			
42000900	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	14	14			
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	5,840	5,840			

† SPECIAL PROVISION
* SPECIALTY ITEM



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PLOT DATE = 1/5/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	5
CONTRACT NO.				61B11
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREED, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 1/5/2015 4:31:15 PM
PLOT SCALE: 1"=40'-0"
PLOT DRIVER: gdt_somd1.dgn
PEN TABLE: standard-truss-screen-topo.tbl

† SPECIAL PROVISION
* SPECIALTY ITEM

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FED 20% STATE 0004	BRIDGE 80% FED 20% STATE 0011	LIGHTING 80% FED 20% STATE 0021	WATER MAIN 80% FED 20% STATE 0043
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	200	200			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	501	501			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	15,783	15,783			
42400800	DETECTABLE WARNINGS	SQ FT	398	398			
44000100	PAVEMENT REMOVAL	SQ YD	6,305	6,305			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	802	802			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	474	474			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4,238	4,238			
44000600	SIDEWALK REMOVAL	SQ FT	19,248	19,248			
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	200	200			
50200100	STRUCTURE EXCAVATION	CU YD	512		512		
50300225	CONCRETE STRUCTURES	CU YD	373		373		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	445		445		
50300260	BRIDGE DECK GROOVING	SQ YD	772		772		
† 50300285	FORM LINER TEXTURED SURFACE	SQ FT	4,136		4,136		
50300300	PROTECTIVE COAT	SQ YD	1,170		1,170		
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1		
50500505	STUD SHEAR CONNECTORS	EACH	6,524		6,524		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	139,930		139,930		
50800515	BAR SPLICERS	EACH	380		380		
* 50900805	PEDESTRIAN RAILING	FOOT	515		515		
51201800	FURNISHING STEEL PILES HP14X73	FOOT	1,223		1,223		
51202305	DRIVING PILES	FOOT	1,223		1,223		
51203800	TEST PILE STEEL HP14X73	EACH	4		4		
51500100	NAME PLATES	EACH	1		1		
52100520	ANCHOR BOLTS, 1"	EACH	56		56		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	612	612			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	216	216			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	162	162			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	543	543			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	75	75			
550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	10	10			



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USER NAME = bhar-tma	DESIGNED - TSC	REVISED -
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PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 1/5/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	6
CONTRACT NO.				61B11
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

032_sum01.dgn
COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HANCOCK
DATE PLOTTED: 1/5/2015 4:13:21 PM
FILE NAME: 032_sum01.dgn
PLOT DRIVER: pdf, vcp1
PEN TABLE: standard-trans-screen-topo.tbl

† SPECIAL PROVISION
* SPECIALTY ITEM

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FED 20% STATE 0004	BRIDGE 80% FED 20% STATE 0011	LIGHTING 80% FED 20% STATE 0021	WATER MAIN 80% FED 20% STATE 0043
550A5510	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 48"	FOOT	64	64			
550B0640	STORM SEWERS, CLASS B, TYPE 3 12"	FOOT	44	44			
55100300	STORM SEWER REMOVAL 8"	FOOT	112	112			
55100500	STORM SEWER REMOVAL 12"	FOOT	261	261			
† *	56100600 WATER MAIN 6"	FOOT	35				35
† *	56100700 WATER MAIN 8"	FOOT	531				531
† *	56100800 WATER MAIN 10"	FOOT	300				300
† *	56100900 WATER MAIN 12"	FOOT	721				721
† *	56105000 WATER VALVES 8"	EACH	3				3
† *	56105100 WATER VALVES 10"	EACH	3				3
† *	56105200 WATER VALVES 12"	EACH	4				4
*	56200500 WATER SERVICE LINE 1 1/2"	FOOT	66				66
*	56200700 WATER SERVICE LINE 2"	FOOT	113				113
† *	56400500 FIRE HYDRANTS TO BE REMOVED	EACH	5				5
† *	56400600 FIRE HYDRANTS	EACH	5				5
† *	56500400 DOMESTIC METER VAULTS TO BE REMOVED	EACH	1				1
† *	56500500 DOMESTIC METER VAULTS	EACH	1				1
† *	56500800 DOMESTIC WATER SERVICE BOXES	EACH	4				4
	59100100 GEOCOMPOSITE WALL DRAIN	SQ YD	190		190		
	60200310 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	2	2			
	60201105 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1I FRAME AND GRATE	EACH	2	2			
	60201110 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1IV FRAME AND GRATE	EACH	2	2			
	60207115 CATCH BASINS, TYPE C, TYPE 3V FRAME AND GRATE	EACH	6	6			
	60207605 CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1			
	60207915 CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	24	24			
	60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6			
	60221100 MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	8			
	60223700 MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2			
	60223800 MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3			
	60224445 MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1			
	60224446 MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5			
	60224459 MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			



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#184-001322

USER NAME = bhar-tma

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DRAWN - DS

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CHECKED - RD

REVISD -

PLOT SCALE = N.T.S.

DATE -

REVISD -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S.

SHEET NO. 3 OF 8 SHEETS

STA. TO STA.

F.A.U. RTE. 2999

SECTION 10-00089-00-BR

COUNTY

TOTAL SHEETS 157

SHEET NO. 7

CONTRACT NO. 61B11

FED. ROAD DIST. NO.

ILLINOIS FED. AID PROJECT

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT GREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 1/5/2015 - 4:15:23 PM
FILE NAME: 032.sum01.dgn
PLOT DRIVER: pdf.yv01
PEN TABLE: standard-trans-screen-topo.tbl

+ SPECIAL PROVISION
* SPECIALTY ITEM

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FED 20% STATE 0004	BRIDGE 80% FED 20% STATE 0011	LIGHTING 80% FED 20% STATE 0021	WATER MAIN 80% FED 20% STATE 0043
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1			
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	2	2			
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6				6
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4				4
60255500	MANHOLES TO BE ADJUSTED	EACH	15	15			
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	5	5			
+ 60500050	REMOVING CATCH BASINS	EACH	3	3			
+ 60500060	REMOVING INLETS	EACH	6	6			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,461	3,461			
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	628	628			
+ * 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	500	500			
+ * 66900205	SPECIAL WASTE DISPOSAL	CU YD	100	100			
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL M	18		18		
67100100	MOBILIZATION	L SUM	1		1		
70106800	CHANGEABLE MESSAGE SIGN	CAL M	24		24		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,132	5,132			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2,786	2,786			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	143	143			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,764	2,764			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	772	772			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	490	490			
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	14	14			
72000100	SIGN PANEL - TYPE 1	SQ FT	230	230			
72000200	SIGN PANEL - TYPE 2	SQ FT	40	40			
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	37	37			
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	10	10			
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	455	455			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	910	910			

 HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = bhortme	DESIGNED = TSC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = N.T.S.	DRAWN = DS	REVISED =									2999	10-00089-00-BR	DUPAGE	157	8
	PLOT DATE = 1/5/2015	CHECKED = RD	REVISED =									CONTRACT NO. 61B11				
		DATE =	REVISED =									FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
				SCALE: N.T.S.				SHEET NO. 4 OF 8 SHEETS				STA. TO STA.				

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF WINDSDALE
DATE PLOTTED: 1/5/2015 4:13:24 PM
FILE NAME: 032-sum01.dgn
PLOT DRIVER: pdf-yyt
PEN TABLE: standard-trans-screen-topo.tbl

† SPECIAL PROVISION
* SPECIALTY ITEM

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FED 20% STATE 0004	BRIDGE 80% FED 20% STATE 0011	LIGHTING 80% FED 20% STATE 0021	WATER MAIN 80% FED 20% STATE 0043
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	52	52			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	11	11			
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	3,558	3,558			
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1,335	1,335			
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	84	84			
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	113	113			
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2			2	
† * 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1	
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	380			380	
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	70			70	
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	50			50	
* 81400100	HANDHOLE	EACH	7			7	
* 81603055	UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	3,265			3,265	
* 81702100	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	825			825	
* 82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	2			2	
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	255			255	
† * 89502380	REMOVE EXISTING HANDHOLE	EACH	4	4			
† * 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4	4			
† Z0004002	BOLLARDS	EACH	2	2			
† * Z0007601	BUILDING REMOVAL NO. 1	L SUM	1		1		
† Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1		
† Z0026407	TEMPORARY SHEET PILING	SQ FT	4,230		4,230		
† Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	45		45		
† * Z0044650	PRESSURE CONNECTION 8" X 4"	EACH	1				1
† * Z0044700	PRESSURE CONNECTION 8" X 6"	EACH	1				1
† * Z0044850	PRESSURE CONNECTION 10" X 4"	EACH	1				1
† * Z0044895	PRESSURE CONNECTION 10" X 8"	EACH	1				1
† * Z0044900	PRESSURE CONNECTION 10" X 10"	EACH	1				1
† * Z0045000	PRESSURE CONNECTION 12" X 6"	EACH	2				2
† * Z0045050	PRESSURE CONNECTION 12" X 10"	EACH	1				1
† * Z0045100	PRESSURE CONNECTION 12" X 12"	EACH	1				1
† Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	260		260		



USER NAME = bhartma	DESIGNED - TSC	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	9
CONTRACT NO.				61B11
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 1/5/2015 4:32:06 PM
FILE NAME: 032.sum01.dgn
PLOT DRIVER: pdf.vvpdfr
PEN TABLE: standard-trans-screen-foppa.tbl

† SPECIAL PROVISION
* SPECIALTY ITEM
Δ 0042



USER NAME = bhartha	DESIGNED - TSC	REVISED -
	DRAWN - DS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 1/5/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 2999	SECTION 10-00089-00-BR	COUNTY	TOTAL SHEETS 157	SHEET NO. 10
CONTRACT NO. 61B11				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FED 20% STATE 0004	BRIDGE 80% FED 20% STATE 0011	LIGHTING 80% FED 20% STATE 0021	WATER MAIN 80% FED 20% STATE 0043
† Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
† Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	93	93			
† Z0056652	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	FOOT	60	60			
† Z0056654	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	18	18			
† Z0056658	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 30"	FOOT	3	3			
† Z0056659	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 48"	FOOT	22	22			
† Z0056670	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18"	FOOT	101	101			
† Z0056672	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	142	142			
† Z0056675	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 30"	FOOT	67	67			
† Z0056678	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 36"	FOOT	54	54			
† Z0062456	TEMPORARY PAVEMENT	SQ YD	270	270			
† Z0067100	STEEL CASINGS 8"	FOOT	22	22			
† Z0067200	STEEL CASINGS 10"	FOOT	21	21			
† Z0067300	STEEL CASINGS 12"	FOOT	21	21			
† Δ Z0076600	TRAINEES	HOUR	500	500			
† Δ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500			
* A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED	EACH	1	1			
* A2005024	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	4	4			
* A2005960	TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATIONΔ LONDON PLANETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1			
* A2007122	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	3	3			
* A2007132	TREE, QUERCUS SCHUETTI (SWAMP BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3			
* A2008468	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6			
* B2000769	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 8' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	1	1			
* B2000770	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	7	7			
* B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4			
* B2001167	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 8' HEIGHT, BALLED AND BURLAPPED	EACH	1	1			
* B2001266	TREE, CORNUS ALTERNIFOLIA (PAGODA DOG WOOD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	5	5			
* B2001620	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2-1/2" CALIPER TREE FORM, BALLED AND BURLAPPED	EACH	11	11			
* B2006120	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	7	7			
* B2010120	TREE, CLADRASTIS LUTEA (AMERICAN YELLOWWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6			
* C2005812	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' HEIGHT, BALLED AND BURLAPPED	EACH	91	91			
* C2C03424	SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT CONTAINER	EACH	51	51			

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COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINGSDALE
DATE PLOTTED: 1/5/2015 4:13:28 PM
FILE NAME: 032.sum01.dgn
PLOT DRIVER: pdf-plot
PEN TABLE: standard-trans-screen-topo.tbl

† SPECIAL PROVISION
* SPECIALTY ITEM

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FED 20% STATE 0004	BRIDGE 80% FED 20% STATE 0011	LIGHTING 80% FED 20% STATE 0021	WATER MAIN 80% FED 20% STATE 0043
* C2C07005	SHRUB, ROSA RADTKOPINK (PINK DOUBLE KNOCKOUT ROSE), 18" HEIGHT, CONTAINER	EACH	58	58			
* D2001024	EVERGREEN, JUNIPERUS HORIZONTALIS WILTONII (BLUE RUG JUNIPER), 24" WIDTH, BALLED AND BURLAPPED	EACH	3	3			
* D2002088	EVERGREEN, PICEA OMORIKA (SERBIAN SPRUCE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	5	5			
* D2015401	EVERGREEN, JUNIPERUS CHINENSIS KALLAYS COMPACTA, (KALLAY COMPACT JUNIPER), 24" WIDTH, BALLED AND BURLAPPED	EACH	40	40			
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	2	2			
† * K1001987	IRRIGATION SYSTEM	SQ YD	925	925			
† X0322024	TRENCH DRAIN	EACH	1	1			
† X0323648	LIMESTONE MASONRY VENEER	SQ FT	2,428		2,428		
† X0325225	BRICK PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	478	478			
† * X0326146	SOIL CONDITIONER	SQ YD	530		530		
† * X0326658	CURED-IN-PLACE PIPE LINER, 10"	FOOT	648	648			
† * X0326662	CURED-IN-PLACE PIPE LINER, 24"	FOOT	169	169			
† * X0326663	CURED-IN-PLACE PIPE LINER, 30"	FOOT	250	250			
† X0326864	BRICK SIDEWALK REMOVAL	SQ FT	109	109			
† * X0327785	CURED-IN-PLACE PIPE LINER, 12"	FOOT	1,019	1,019			
† X0350810	BOLLARD REMOVAL	EACH	2	2			
† X2010510	CLEARING AND GRUBBING	L SUM	1			1	
† * X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	0.25		0.25		
† * X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	500	500			
† X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	6		6		
† X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2		2		
† X4023000	TEMPORARY ACCESS (ROAD)	EACH	6		6		
† X5030290	STAINING CONCRETE STRUCTURES	SQ FT	4,136		4,136		
† * X5091730	BRIDGE FENCE RAILING (SPECIAL)	FOOT	168		168		
† * X5091755	PARAPET RAILING, SPECIAL	FOOT	282		282		
† X5010205	REMOVAL OF EXISTING STRUCTURE, SPECIAL	EACH	1		1		
† * X5610654	WATER MAIN TO BE ABANDONED, 4"	FOOT	398				398
† * X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	138				138
† * X5610658	WATER MAIN TO BE ABANDONED, 8"	FOOT	248				248
† * X5610662	WATER MAIN TO BE ABANDONED, 12"	FOOT	711				711
† * X5610706	WATER MAIN REMOVAL, 6"	FOOT	9				9
† * X5610712	WATER MAIN REMOVAL, 12"	FOOT	10				10



USER NAME = bhartrns	DESIGNED - TSC	REVISED -
PLOT SCALE = N.T.S.	DRAWN - DS	REVISED -
PLOT DATE = 1/5/2015	CHECKED - RD	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	11
CONTRACT NO.				61B11
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 1/5/2015 4:13:30 PM
FILE NAME: 032.sum01.dgn
PLOT DRIVER: pdf-vcpl
PEN TABLE: standard-trans-screen-topo.tbl

† SPECIAL PROVISION
* SPECIALTY ITEM

 HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = bhartha	DESIGNED = TSC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = N.T.S.	DRAWN = DS	REVISED =		2999	10-00089-00-BR	DUPAGE	157	12				
	PLOT DATE = 1/5/2015	CHECKED = RD	REVISED =		SCALE: N.T.S. SHEET NO. 8 OF 8 SHEETS STA. TO STA.				CONTRACT NO. 61B11				
		DATE =	REVISED =		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FED 20% STATE 0004	BRIDGE 80% FED 20% STATE 0011	LIGHTING 80% FED 20% STATE 0021	WATER MAIN 80% FED 20% STATE 0043
† *	X5620128 ADJUSTING WATER SERVICE LINES	EACH	2				2
† *	X5630704 CONNECTION TO EXISTING WATER MAIN 4"	EACH	1				1
†	X5860110 GRANULAR BACKFILL FOR STRUCTURES	CU YD	119		119		
†	X6020074 INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	1	1			
†	X6026622 VALVE VAULTS TO BE REMOVED	EACH	4	4			
†	X6026632 VALVE BOXES TO BE REMOVED	EACH	1	1			
†	X7010216 TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1		
† *	X8900008 TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1	1			
† *	XX001249 ORNAMENTAL FENCE	FOOT	202		202		
†	XX005283 BRICK PAVER CROSSWALK	SQ FT	2,453	2,453			
† *	XX006260 STEEL CASING PIPE, AUGERED AND JACKED, 16"	FOOT	44	44			
† *	XX007021 PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM	EACH	2	2			
† *	XX007295 LIGHTING UNIT COMPLETE - TY.1	EACH	24			24	
† *	XX007296 LIGHTING UNIT COMPLETE - TY.2	EACH	4			4	
†	XX007452 RELOCATE BOLLARDS	EACH	2	2			
†	XX009005 ARCHITECTURAL CAP, METAL	EACH	8		8		
†	XX009006 ARCHITECTURAL CAP, CONCRETE	EACH	4		4		
†	XX009007 ARTICULATED BLOCK REVETMENT MAT (SPECIAL)	SQ YD	545		545		
†	XX009008 TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	L SUM	1	1			
†	XX009009 STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, EQUIVALENT ROUND-SIZE 48"	FOOT	89	89			
†	XX009010 STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, EQUIVALENT ROUND-SIZE 48"	FOOT	5	5			
† *	XX009011 LUMINAIRE, LED, RECESSED MOUNT, 11.2 WATT	EACH	20			20	

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 12/15/2014 4:38:15 PM
FILE NAME: 032.sch01.dgn
PLOT DRIVER: pdf_vr21
PEN TABLE: standard-trans-screen-topo.tbl



USER NAME = dstancz	DESIGNED - TSC	REVISED -
	DRAWN - DS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 12/15/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	13
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 61B11

EARTHWORK (SQ FT)			EARTHWORK (CU YD)			EARTHWORK BALANCE
STATION	CUT	FILL	STATION	CUT	FILL	WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE
OAK			OAK			
10004+25.00	0.00	0.00	10004+50.00	0.0	0.0	0.0
10004+50.00	38.20	5.90	10004+50.00	17.7	2.7	11.4
10004+61.20	47.90	5.50	10004+61.20	17.9	2.4	11.9
10005+00.00	22.60	13.70	10005+00.00	50.7	13.8	26.7
10006+00.00	44.30	9.20	10006+00.00	123.9	42.4	56.7
10006+33.70	78.80	4.90	10006+33.70	76.8	8.8	52.7
10006+50.00	27.80	12.80	10006+50.00	32.2	5.3	20.4
10007+00.00	23.90	141.90	10007+00.00	47.9	143.2	-104.9
10007+50.00	29.40	337.00	10007+50.00	49.4	443.4	-403.9
10008+00.00	33.50	556.10	10008+00.00	58.2	826.9	-780.4
10008+11.24	33.80	561.70	10008+11.24	14.0	232.7	-221.5
10008+50.00	0.00	0.00	10008+50.00	0.0	0.0	0.0
10009+00.00	0.00	0.00	10009+00.00	0.0	0.0	0.0
10009+50.00	0.00	0.00	10009+50.00	0.0	0.0	0.0
10009+84.70	1.50	701.40	10009+84.70	0.0	0.0	0.0
10010+00.00	1.30	609.90	10010+00.00	0.8	371.5	-370.9
10010+26.70	58.50	444.30	10010+50.00	29.6	521.2	-497.6
10010+50.00	25.10	250.60	10011+00.00	36.1	299.8	-271.0
10010+90.00	36.60	62.20	10011+50.00	45.7	231.7	-195.1
10011+00.00	14.90	43.90	10011+86.90	9.5	19.6	-12.0
10011+50.00	38.40	4.50	10012+00.00	49.4	44.8	-5.3
10011+86.90	56.00	0.70	10012+50.00	64.5	3.6	48.1
10012+00.00	46.30	3.30	10013+00.00	24.8	1.0	18.9
10012+50.00	48.20	0.60	10013+50.00	87.5	3.6	66.4
10013+00.00	52.60	0.70	10014+00.00	93.3	1.2	73.5
10013+50.00	50.20	4.90	10014+00.00	95.2	5.2	71.0
10014+00.00	52.80	1.80	10014+00.00	95.4	6.2	70.1
10014+50.00	50.60	3.60	10014+00.00	95.7	5.0	71.6
10015+00.00	127.10	0.00	10014+00.00	164.5	3.3	128.3
10015+45.86	0.00	0.00	10014+00.00	107.9	0.0	86.4
CHICAGO			CHICAGO			
2005+00.00	0.00	0.00	2005+07.70	0.0	0.0	0.0
2005+07.70	51.00	0.70	2005+07.70	7.3	0.1	5.7
2005+20.80	100.30	1.00	2005+20.80	36.7	0.4	29.0
2005+50.00	58.80	0.70	2005+50.00	86.0	0.9	67.9
2005+69.50	112.20	0.60	2005+69.50	61.8	0.5	48.9
2006+00.00	72.00	0.10	2006+00.00	104.0	0.4	82.8
2006+50.00	46.70	2.10	2006+50.00	109.9	2.0	85.9
2007+50.00	13.10	53.40	2007+50.00	110.7	102.8	-14.2
2008+00.00	12.30	41.50	2008+00.00	23.5	87.9	-69.1
2008+24.90	16.50	11.40	2008+24.90	13.3	24.4	-13.8
2008+50.00	29.50	6.40	2008+50.00	21.4	8.3	8.8
2008+90.00	0.00	0.00	2008+50.00	21.9	4.7	12.7
HILLGROVE			HILLGROVE			
4100+00.00	0.00	0.00	4100+50.00	0.0	0.0	0.0
4100+50.00	144.60	0.60	4100+50.00	133.9	0.6	106.6
4101+00.00	38.30	0.40	4101+00.00	169.4	0.9	134.6
4101+50.00	39.70	0.40	4101+50.00	72.2	0.7	57.0
4102+00.00	65.40	0.10	4102+00.00	97.3	0.5	77.4
4102+50.00	62.00	0.50	4102+50.00	118.0	0.6	93.8
4102+72.36	43.70	0.60	4102+72.36	43.8	0.5	34.6
4103+00.00	47.80	0.50	4103+00.00	46.8	0.6	36.9
4103+50.00	52.70	0.00	4103+50.00	93.1	0.5	74.0
4104+00.00	32.90	0.40	4104+00.00	79.3	0.4	63.0
4104+50.00	22.90	6.30	4104+50.00	51.7	6.2	35.1
4105+00.00	25.10	0.90	4105+00.00	44.4	6.7	28.9
4105+50.00	21.30	1.00	4105+50.00	43.0	1.8	32.6
4106+00.00	25.90	0.00	4106+00.00	43.7	0.9	34.0
TOTALS				3,125.0	3,495.0	-1,000.0

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	
STA 10008+11 TO STA 10009+84	1,765.0
RETAINING WALL	105.0
PAVEMENT UNDERCUT AREAS	975.0
TOTAL	2,845.0

EROSION CONTROL SCHEDULE				
LOCATION	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER*	INLET FILTERS
	SQ YD	POUND	FOOT	EACH
OAK STREET				
STA. 10004+25 TO STA. 10007+00	897	19	476	12
STA. 10007+00 TO STA. 10012+50	2376	49	1202	8
STA. 10012+50 TO STA. 10015+45	574	12	373	4
COUNTY LINE ROAD				
STA. 8000+45 TO STA. 8003+88	833	17		6
HILLGROVE AVENUE				
STA. 4100+04 TO STA. 4106+10	1461	30	873	8
CHICAGO AVENUE				
STA. 2005+00 TO STA. 2008+90	592	12	315	7
TOTAL	6733	139	3238	45

SEE RESTORATION SCHEDULE FOR EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
*PERIMETER EROSION BARRIER LOCATION SUBJECT TO APPROVAL BY ENGINEER.

RESTORATION SCHEDULE							
LOCATION	TOPSOIL FURNISH AND PLACE, 6"	TOPSOIL FURNISH AND PLACE, 18"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING
	SQ YD	SQ YD	POUND	POUND	POUND	SQ YD	UNIT = 1000 GAL.
OAK STREET							
STA. 10004+25 TO STA. 10007+00	897		13	13	13	897	40
STA. 10007+00 TO STA. 10012+50	2376	300	35	35	35	2376	107
STA. 10012+50 TO STA. 10015+45	574		8	8	8	574	26
COUNTY LINE ROAD							
STA. 8000+45 TO STA. 8003+88	833		12	12	12	833	
HILLGROVE AVENUE							
STA. 4100+04 TO STA. 4106+10	1461	180	20	20	20	1461	60
CHICAGO AVENUE							
STA. 2005+00 TO STA. 2008+90	592	50	9	9	9	592	27
TOTAL	6733	530	97	97	97	6733	260

SUPPLEMENTAL WATERING RATE ASSUMED AT 3 GAL/SY FOR 15 EXTRA DAYS BEYOND REQUIRED WATERING.

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF WINDSORDALE
PROJECT LOCATION: 100TH STREET
FILE NAME: 032-SC01.dgn
PLOT DRIVER: pdf-plot
PEN TABLE: standard-frans-screen-topo.tbl



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#184-001322

USER NAME = dntencz	DESIGNED - TSC	REVISED -
	DRAWN - DS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 12/15/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	14
		CONTRACT NO. 61811		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVING SCHEDULE													
LOCATION	LENGTH	PAVED AREA	AGGREGATE SUBGRADE IMPROVEMENT, 12"	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE A 6"	BITUMINOUS MATERIALS (PRIME COAT)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	COMBINATION CONCRETE CURB AND GUTTER , TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER , TYPE B-6.18
		SQ FT	SQ YD	SQ YD	SQ YD	POUND	TON	TON	SQ YD	SQ FT	SQ FT	FOOT	FOOT
OAK STREET													
STA. 10004+25 TO STA. 10007+00	275	22554	1035	278					884	2506	174	542	
STA. 10007+00 TO STA. 10012+50	550	35613	1228	440					986	3957	40	871	
STA. 10012+50 TO STA. 10015+45	295	8937	1179	322					993	2897	109	671	
CHICAGO STREET													
STA. 2005+00 TO STA.2008+90	390	9648	1281	341					1072	3071			628
HILLGROVE AVENUE													
STA. 4100+04 TO STA. 4106+10	606	17145		365	2244				1905	3289	53	1219	
COUNTY LINE ROAD													
STA. 8000+45 TO STA. 8003+14	269	7489				374	47	93		63	22	158	
TOTAL			4723	1747	2244	374	47	93	5840	15783	398	3461	628

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) ASSUMED TO BE 50% OF THE PROPOSED PCC PAVEMENT AREA
TEMPORARY RAMPS ARE CONSIDERED INCIDENTAL TO PAY ITEM HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50.

PAVEMENT REMOVAL SCHEDULE					
LOCATION	LENGTH	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL
		SQ YD	SQ YD	FOOT	SQ FT
OAK STREET					
STA. 10004+25 TO STA. 10007+00	275	978		532	2535
STA. 10007+00 TO STA. 10012+50	550	1214		996	6745
STA. 10012+50 TO STA. 10015+45	295	1018		560	3124
CHICAGO STREET					
STA. 2005+00 TO STA.2008+90	390	1038		645	3271
HILLGROVE AVENUE					
STA. 4100+04 TO STA. 4106+10	606	1788		1337	3508
COUNTY LINE ROAD					
STA. 8000+45 TO STA. 8003+14	269		802	168	65
HOSPITAL EXIT TEMP PAVEMENT		269			
TOTAL		6305	802	4238	19248

DRIVEWAY PAVEMENT SCHEDULE							
LOCATION	OFFSET	TYPE	DRIVEWAY PAVEMENT REMOVAL	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	BRICK PAVEMENT REMOVAL AND REPLACEMENT
			SQ YD	SQ YD	SQ YD	SQ YD	SQ FT
OAK STREET							
10004+61	LT	CONC	19		23		
10006+33	LT	CONC	62		74		
10008+04	LT	CONC	57				
10010+27	LT	CONC				187	
10010+90	LT	CONC	116	14		140	
10011+87	LT	CONC	39			38	
10013+03	LT	CONC/HMA	39			50	
10013+00	RT	CONC/HMA	50			60	
CHICAGO STREET							
2005+07	RT	CONC	12		18		
2005+21	LT	CONC/BRICK	13		21		240
2005+70	LT	CONC/BRICK	12		20		214
2008+27	RT	CONC/BRICK	27		43		23
HILLGROVE AVENUE							
4103+92	LT	CONC	27			27	
TOTAL			474	14	200	501	478

PAVEMENT MARKING SCHEDULE												
LOCATION	SHORT TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 4"		THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"
	SOLID	SOLID YELLOW	SOLID WHITE		SOLID DOUBLE YELLOW	SOLID WHITE	SOLID WHITE	SOLID WHITE	SOLID DOUBLE YELLOW	SOLID WHITE	WHITE DIAGONALS	SOLID WHITE
	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
OAK STREET												
STA. 10004+25 TO STA. 10007+00	808	404	27	404					404	127		27
STA. 10007+00 TO STA. 10012+50	2200	1100		1100					1100			
STA. 10012+50 TO STA. 10015+45	832	416	54	416					416	298		54
COUNTY LINE ROAD												
STA. 8000+45 TO STA. 8003+88					587	323	52	11				
HILLGROVE AVENUE												
STA. 4100+04 TO STA. 4106+10									992	762	84	
CHICAGO AVENUE												
STA. 2005+00 TO STA. 2008+90	1292	866	62	843					646	148		32
TOTAL	5132	2786	143	2764	910		52	11	3558	1335	84	113

HR GREEN
17. SCOTT C. OREGON, P.E.
PROJECT CONTACT
12/15/2014 4:38:18 PM
DATE PLOTTED
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PLOT DRIVER:
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USER NAME = dstancz	DESIGNED - TSC	REVISED -
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PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 12/15/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	15
		CONTRACT NO. 61B11		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY CONCRETE BARRIER SCHEDULE			
LOCATION	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2
	FOOT	FOOT	EACH
OAK STREET			
MOT STAGE I			
STA. 10007+00 TO STA. 10012+50	226		2
STA. 10012+50 TO STA. 10015+45	204		
MOT STAGE II			
STA. 10007+00 TO STA. 10012+50	127	226	4
STA. 10012+50 TO STA. 10015+45			
MOT STAGE III			
STA. 10007+00 TO STA. 10012+50		194	2
STA. 10012+50 TO STA. 10015+45			
MOT STAGE IV			
STA. 10007+00 TO STA. 10012+50	215	66	4
STA. 10012+50 TO STA. 10015+45			1
MOT STAGE V			
STA. 10007+00 TO STA. 10012+50			
STA. 10012+50 TO STA. 10015+45			1
COUNTY LINE ROAD			
STA. 8000+45 TO STA. 8003+88			
HILLGROVE AVENUE			
STA. 4100+04 TO STA. 4106+10			
CHICAGO AVENUE			
STA. 2005+00 TO STA. 2008+90			
TOTAL	772	490	14

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PLOT DRIVER:
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FILE NAME:
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DATE PLOTTED:
12/16/2014 10:02:1 PM
CLIENT:
VILLAGE OF HINDSDALE
PROJECT CONTACT:
T. SCOTT CREECH, P.E.
COMPANY NAME:
HR GREEN



HRGreen.com
Illinois Professional Design Firm
#184-001322

USER NAME = dstancz	DESIGNED - TSC	REVISED -
	DRAWN - DS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 12/16/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	16
CONTRACT NO.			61811	

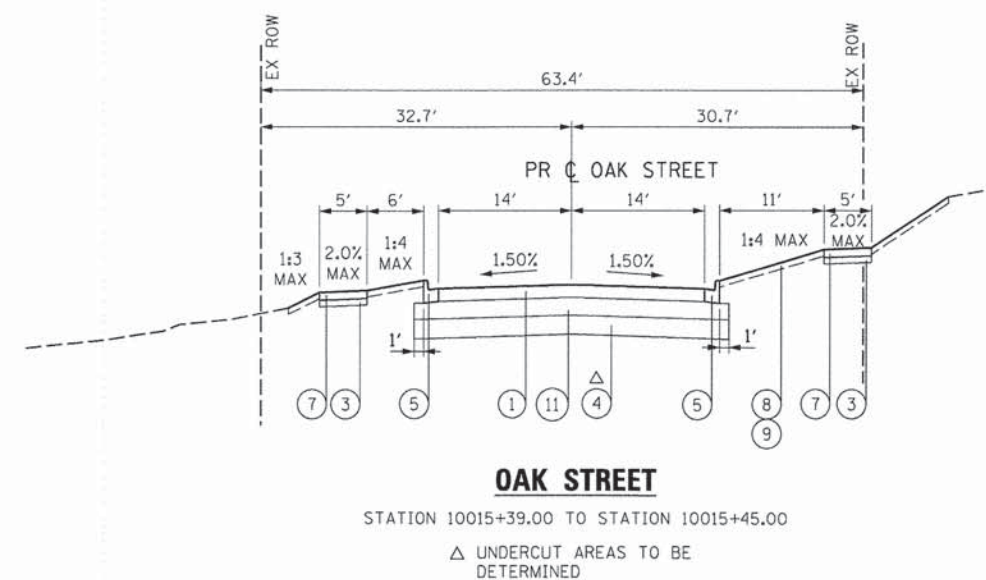
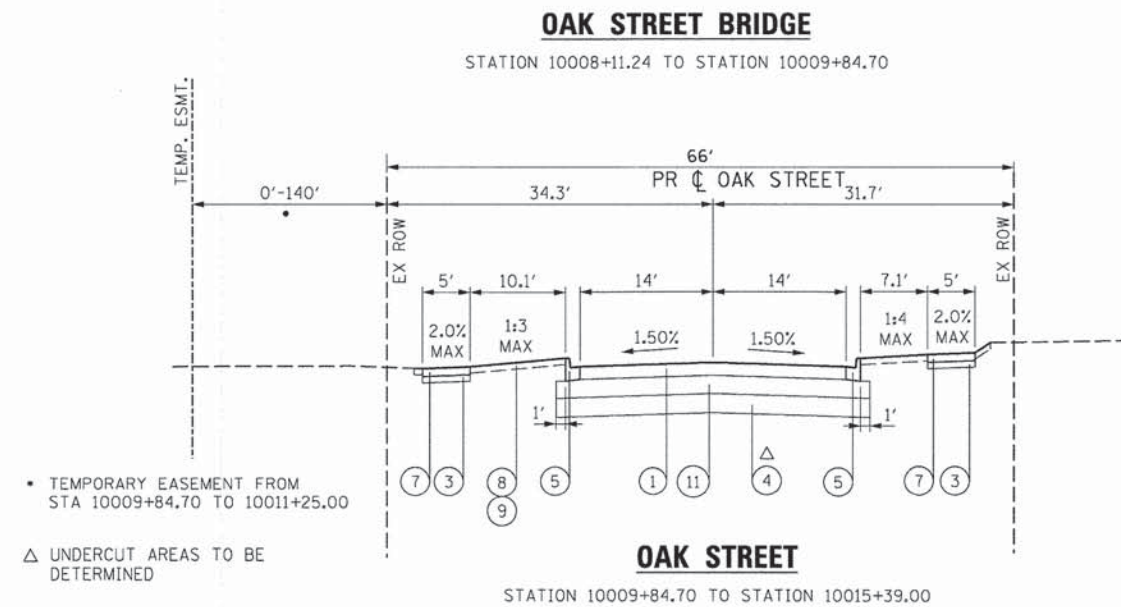
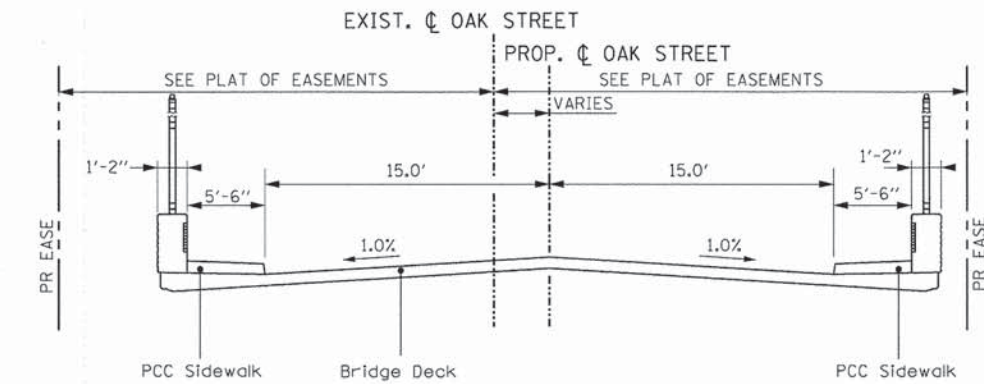
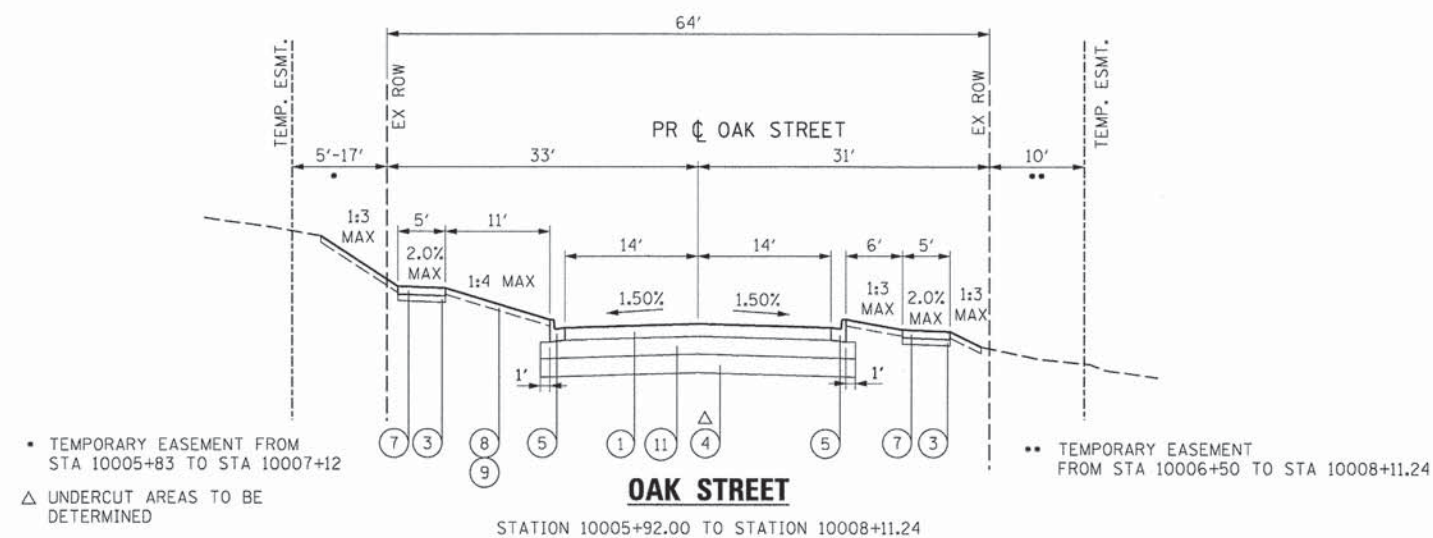
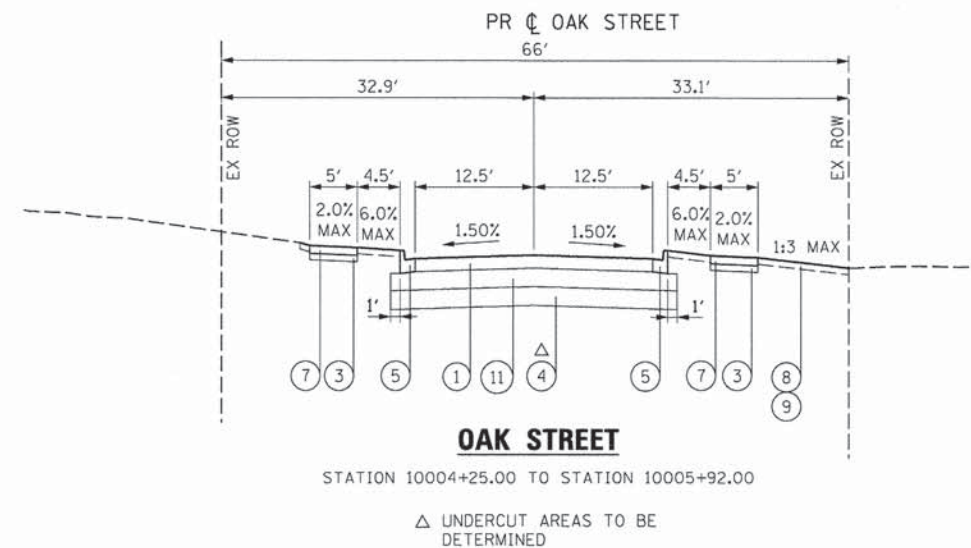
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



- (A) HOT-MIX ASPHALT, THICKNESS VARIES (6" TO 9")
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- (C) AGGREGATE SUB BASE, THICKNESS VARIES (6"+)
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (E) CONCRETE SIDEWALK
- (F) PAVEMENT REMOVAL
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"

PROPOSED TYPICAL SECTION LEGEND

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 2 SUBBASE GRANULAR MATERIAL, TYPE A 6"
- 3 SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 4 AGGREGATE SUBGRADE IMPROVEMENT (CU YD)
- 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 6 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 7 PORTLAND CEMENT CONCRETE SIDEWALK 5"
- 8 TOPSOIL FURNISH AND PLACE, 6"
- 9 SODDING
- 10 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- 11 AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD)



COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
FILE NAME: 032-tyo-pr-01.dgn
PLOT DRIVER: pdfLydwt
PEN TABLE: s:\standard-trans-screen-topo.tbl



HRGreen.com
Illinois Professional Design Firm
#184-001322

USER NAME = bhartma	DESIGNED - TSC	REVISED -
PLOT SCALE = 1"=10'	DRAWN - DS	REVISED -
PLOT DATE = 1/7/2015	CHECKED - RD	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

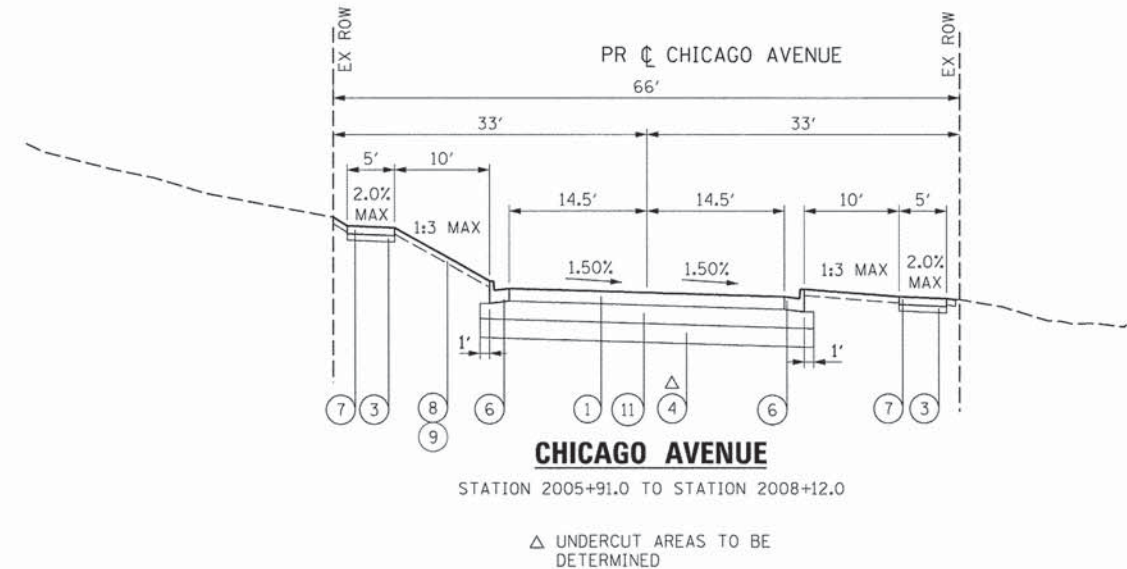
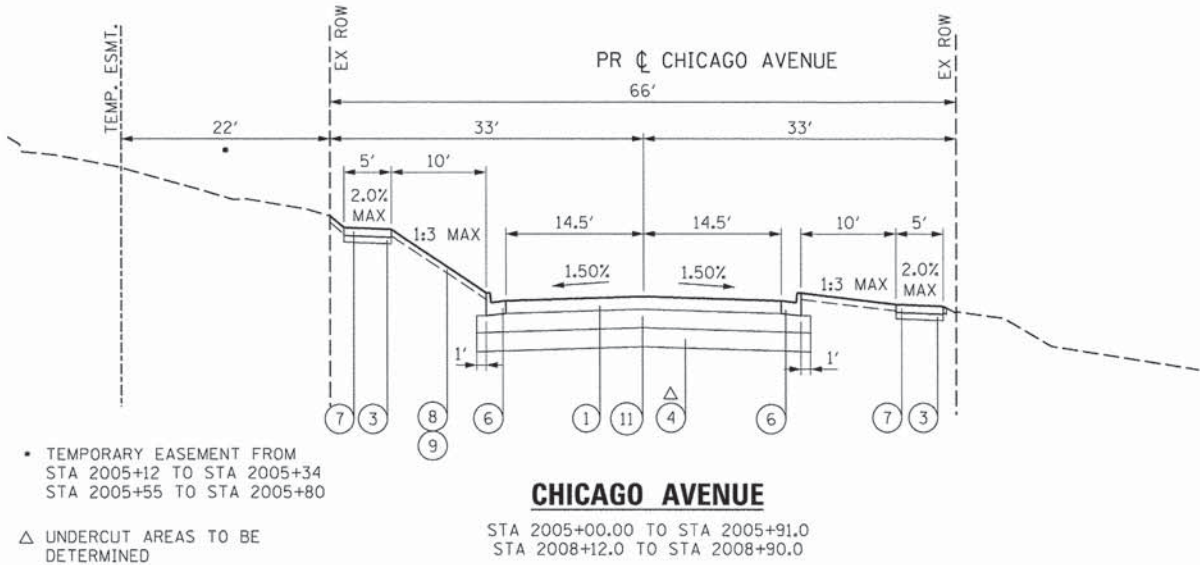
SCALE: 1"=10' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	18
CONTRACT NO. 61B11				

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

PROPOSED TYPICAL SECTION LEGEND

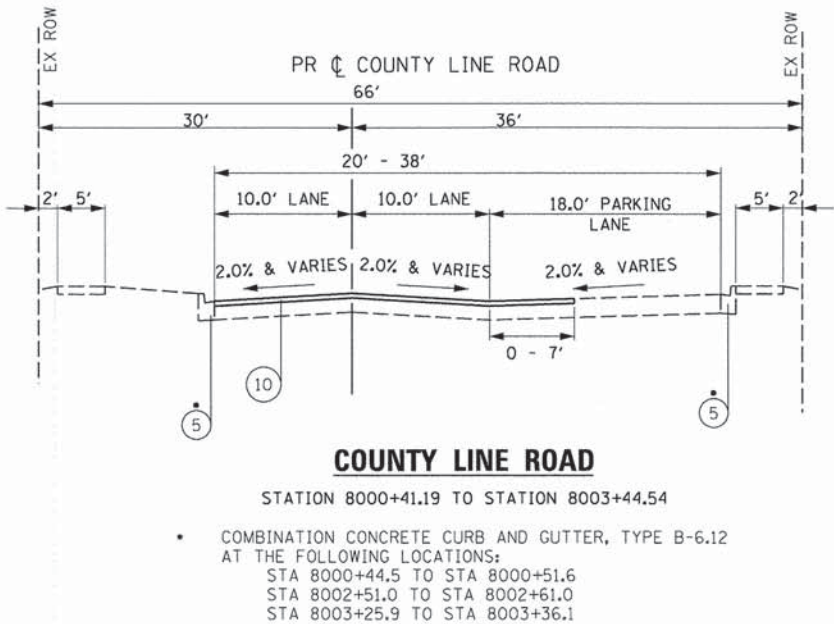
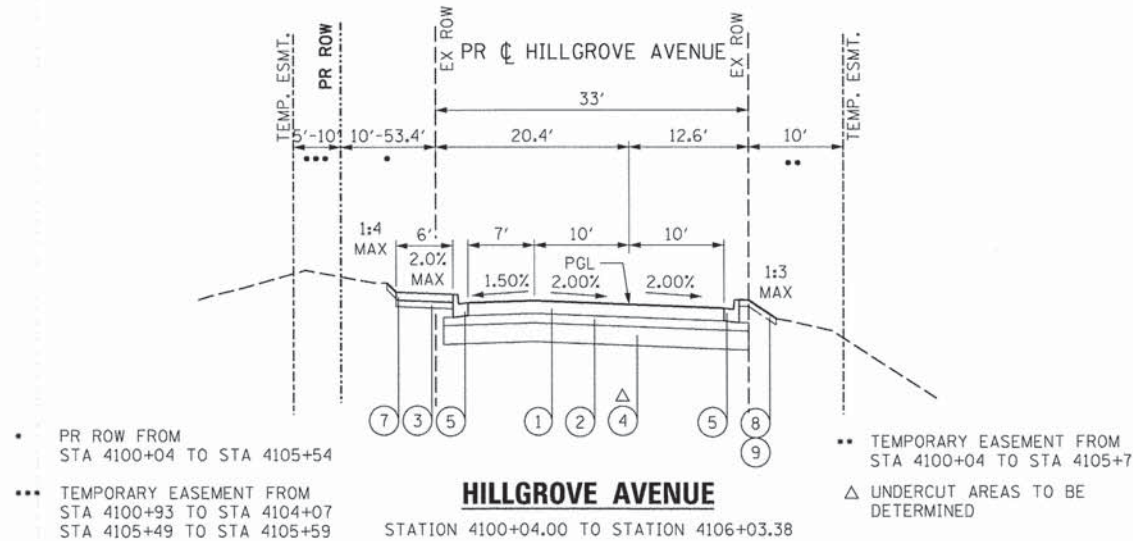
- 1 PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 2 SUBBASE GRANULAR MATERIAL, TYPE A 6"
- 3 SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 4 AGGREGATE SUBGRADE IMPROVEMENT (CU YD)
- 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 6 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 7 PORTLAND CEMENT CONCRETE SIDEWALK 5"
- 8 TOPSOIL FURNISH AND PLACE, 6"
- 9 SODDING
- 10 HOT-MIX ASPHALT RESURFACING
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"
 - POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"
- 11 AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD)



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @Ndes
PAVEMENT RESURFACING (COUNTY LINE ROAD)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"	4% @ 50 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"	3.5% @ 50 GYR.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DITRICT ONE SPECIAL PROVISIONS.
3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HUNDSVILLE
DATE PLOTTED: 12/11/2014 14:42:22 PM
FILE NAME: 032.typ-pr-02.dgn
PLOT DRIVER: pdf.vvp
PEN TABLE: standard-trans-screen-topo.tbl



HRGreen.com
Illinois Professional Design Firm
194-001322

USER NAME = dstancz	DESIGNED - TSC	REVISED -
PLOT SCALE = 1"=10'	DRAWN - DS	REVISED -
PLOT DATE = 12/11/2014	CHECKED - RD	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: 1"=10' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	19
CONTRACT NO. 61B11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

$\Delta = 24^{\circ} 46' 18''$ (RT)
 $D = 38^{\circ} 11' 50''$
 $R = 150.00'$
 $T = 32.94'$
 $L = 64.85'$
 $E = 3.57'$
 $e = \text{-----}$
 P.C. STA = 20+43.89
 N: 1871842.26
 E: 1096715.76
 P.I. STA = 20+76.83
 N: 1871847.84
 E: 1096748.22
 P.T. STA = 21+08.74
 N: 1871839.31
 E: 1096780.04

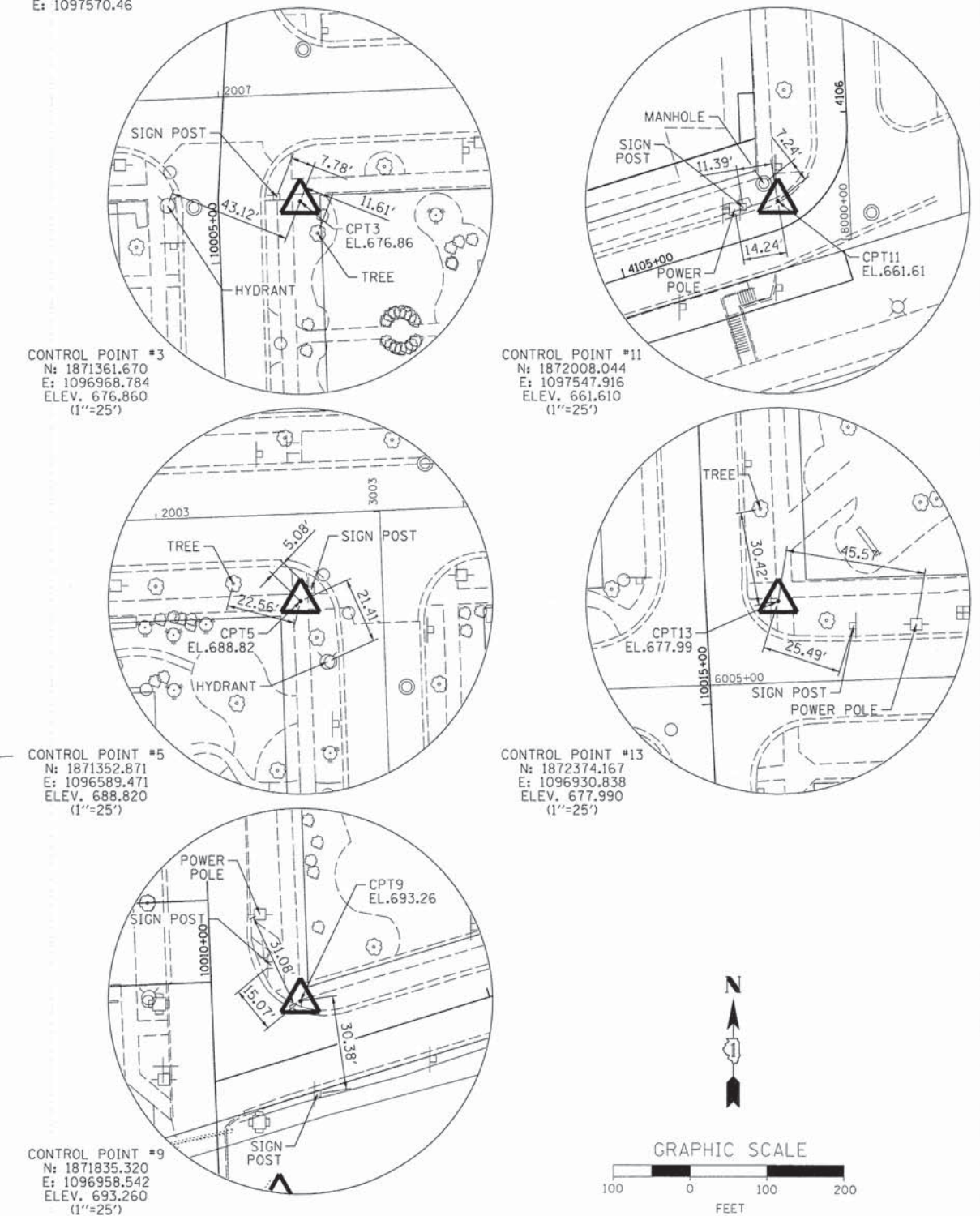
$\Delta = 76^{\circ} 19' 36''$ (LT)
 $D = 146^{\circ} 54' 44''$
 $R = 39.00'$
 $T = 30.65'$
 $L = 51.95'$
 $E = 10.60'$
 $e = \text{-----}$
 P.C. STA. = 21+57.02
 N: 1871826.81
 E: 1096826.67
 PI STA. = 21+87.67
 N: 1871818.87
 E: 1096856.28
 P.T. STA. = 22+08.97
 N: 1871845.76
 E: 1096870.99

$\Delta = 59^{\circ} 00' 45''$ (RT)
 $D = 139^{\circ} 44' 45''$
 $R = 41.00'$
 $T = 23.20'$
 $L = 42.23'$
 $E = 6.11'$
 $e = \text{-----}$
 P.C. STA. = 22+08.97
 N: 1871845.76
 E: 1096870.99
 PI STA. = 22+32.17
 N: 1871866.12
 E: 1096882.12
 P.T. STA. = 22+51.20
 N: 1871867.05
 E: 1096905.31

$\Delta = 62^{\circ} 32' 34''$ (LT)
 $D = 113^{\circ} 27' 25''$
 $R = 50.50'$
 $T = 30.67'$
 $L = 55.12'$
 $E = 8.58'$
 $e = \text{-----}$
 P.C. STA. = 30+69.80
 N: 1871815.21
 E: 1096825.66
 P.I. STA. = 31+00.55
 N: 1871807.12
 E: 1096855.24
 P.T. STA. = 31+25.01
 N: 1871829.64
 E: 1096876.06

$\Delta = 44^{\circ} 56' 38''$ (RT)
 $D = 176^{\circ} 17' 26''$
 $R = 32.50'$
 $T = 13.44'$
 $L = 25.49'$
 $E = 2.67'$
 $e = \text{-----}$
 P.C. STA. = 31+25.01
 N: 1871829.64
 E: 1096876.06
 P.I. STA. = 31+38.45
 N: 1871839.51
 E: 1096885.19
 P.T. STA. = 31+50.50
 N: 1871840.06
 E: 1096898.62

$\Delta = 75^{\circ} 26' 52''$ (LT)
 $D = 163^{\circ} 42' 08''$
 $R = 35.00'$
 $T = 27.07'$
 $L = 46.09'$
 $E = 9.25'$
 $e = \text{----}$
 P.C. STA. = 4105+49.97
 N: 1871998.05
 E: 1097545.77
 PI STA. = 4105+77.05
 N: 1872006.00
 E: 1097571.65
 P.T. STA. = 4105+96.06
 N: 1872033.05
 E: 1097570.46

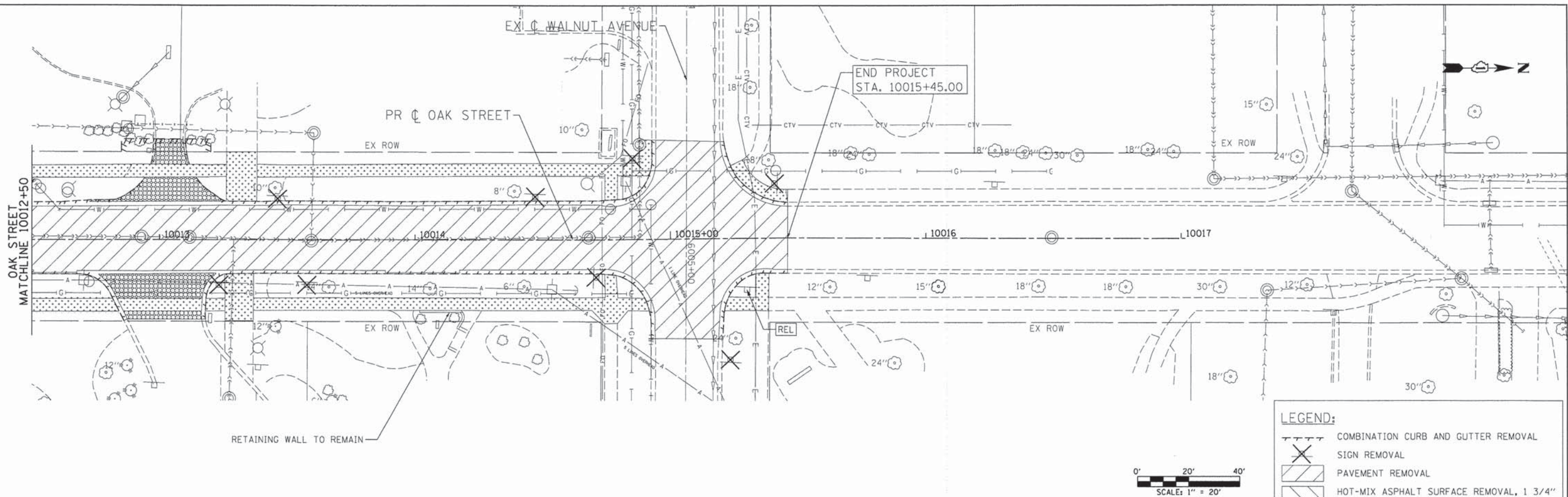


SOURCE BENCHMARK 1:
BRONZE DISK IN THE TOP OF A CONCRETE POST EXTENDING 0.25 FEET ABOVE THE GROUND
SURFACE LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF CHICAGO AVENUE AND
OAK STREET - NGS MARKER K 53, ELEVATION = 676.86 (NAVD 88)

SOURCE BENCHMARK 2:
EAST UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE SOUTHWEST CORNER OF
THE INTERSECTION OF OAK STREET AND WALNUT STREET, ELEVATION = 681.46 (NAVD 88)

SOURCE BENCHMARK 3:
ARROW FLANGE BOLT OF A FIRE HYDRANT LOCATED ON THE WEST SIDE OF COUNTY LINE
ROAD APPROXIMATELY 185 FEET SOUTH OF WALNUT STREET AND 170 FEET NORTH OF
HILLGROVE AVENUE, ELEVATION = 659.48 (NAVD 88)

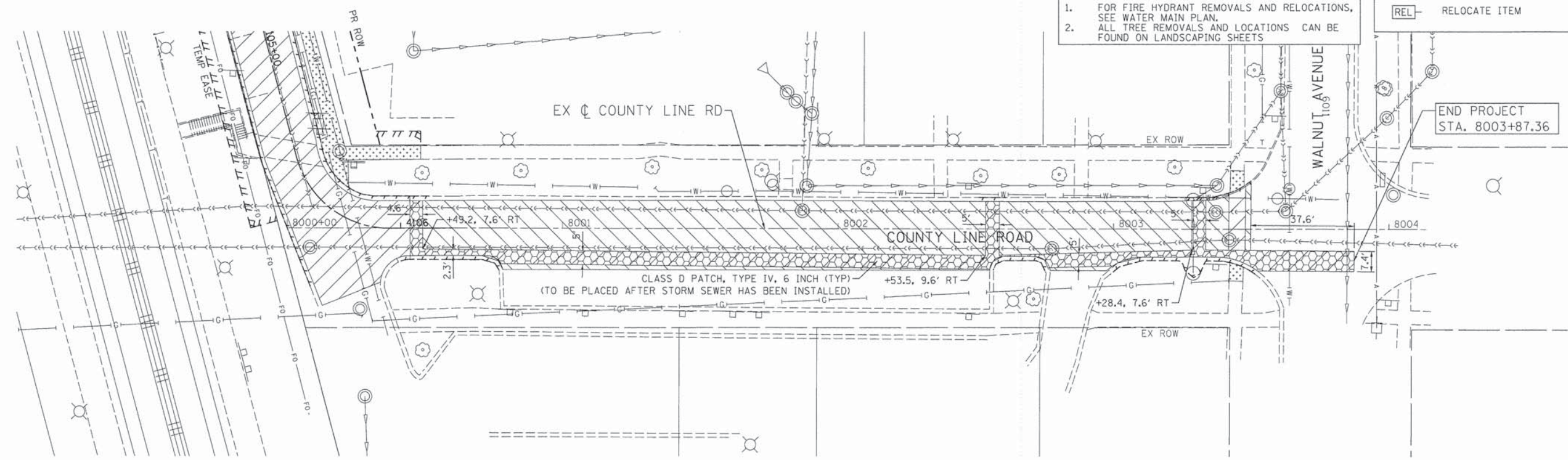
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	20
CONTRACT NO.			61B11	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND:

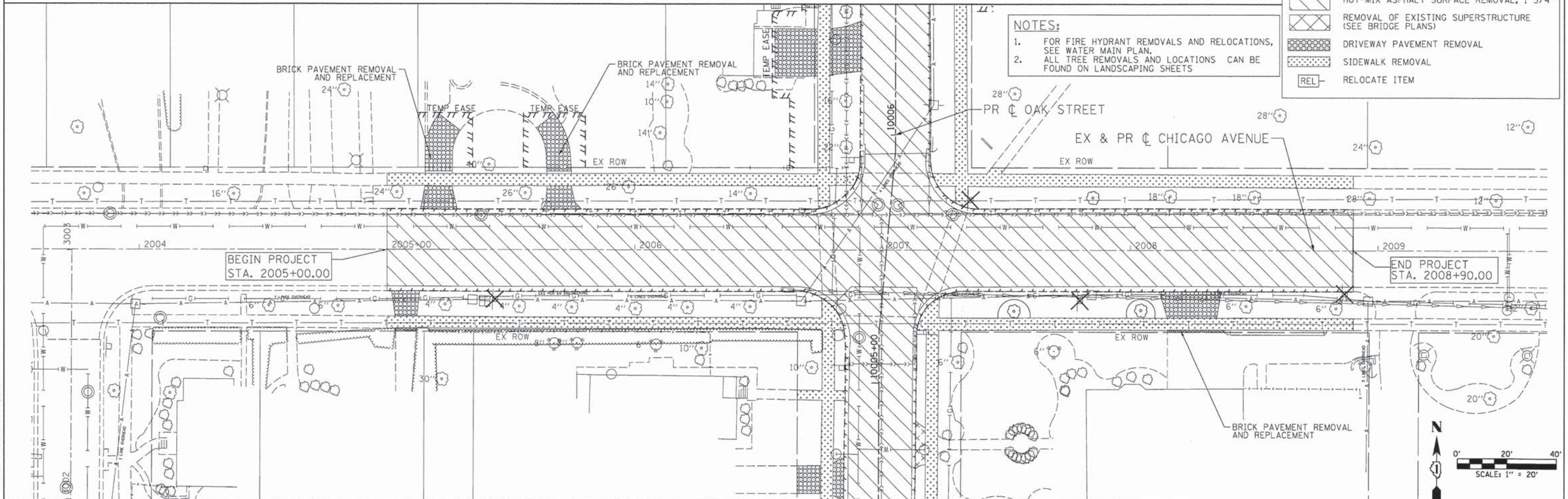
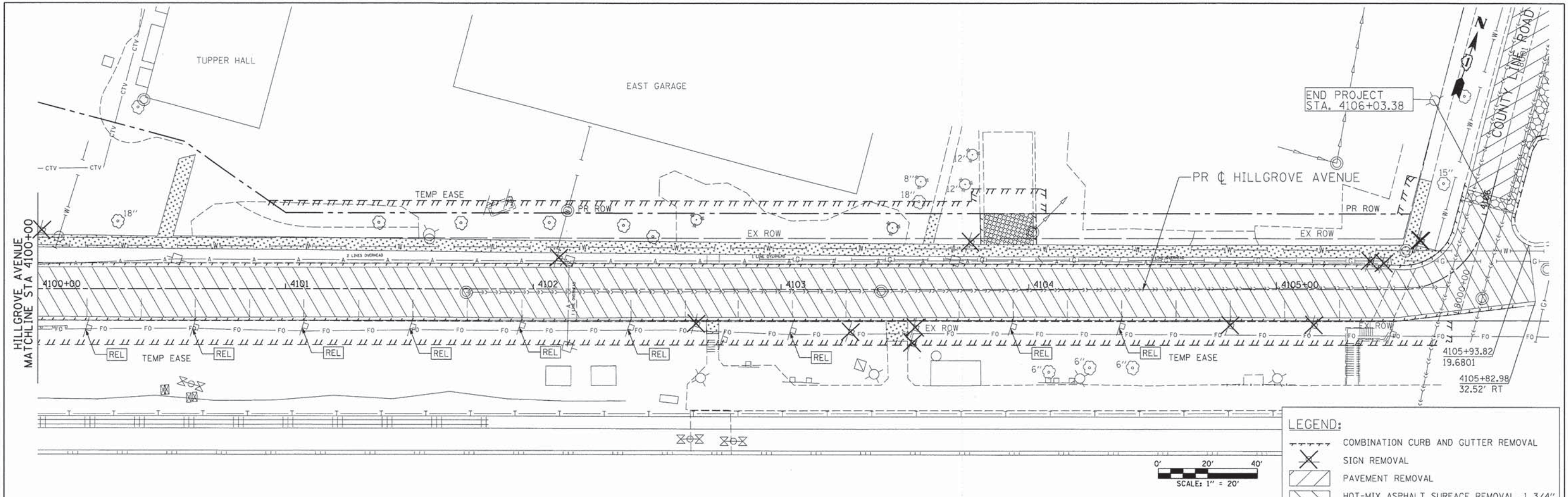
	COMBINATION CURB AND GUTTER REMOVAL
	SIGN REMOVAL
	PAVEMENT REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
	REMOVAL OF EXISTING SUPERSTRUCTURE (SEE BRIDGE PLANS)
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	RELOCATE ITEM

- NOTES:**
1. FOR FIRE HYDRANT REMOVALS AND RELOCATIONS, SEE WATER MAIN PLAN.
 2. ALL TREE REMOVALS AND LOCATIONS CAN BE FOUND ON LANDSCAPING SHEETS



COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT GREEN, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 12/16/2014 10:24:41 AM
FILE NAME: 032仁em02 oak.dgn
PLOT DRIVER: pdf_vvsh
PEN TABLE: standard-trans-screen-topo.tbl

 HRGreen.com Illinois Professional Design Firm # 184-001322 	USER NAME = dstancoz	DESIGNED = TSC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY REMOVAL PLAN OAK STREET/COUNTY LINE ROAD				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN = DS	REVISED =		2999	10-00089-00-BR	DUPAGE	157	22				
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	PLOT DATE = 12/16/2014	DATE =	REVISED =		SCALE: 1"=20'	SHEET NO. 2 OF 3 SHEETS	STA. 10012+50 TO STA. 10015+45	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				ROADWAY REMOVAL PLAN HILLGROVE AVENUE/CHICAGO AVENUE			
SCALE: 1"=20'	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
				2999	10-00089-00-BR	DUPAGE	157
							23
							CONTRACT NO. 61B11

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT GREEN, P.E.
 CLIENT: VILLAGE OF HINSDALE
 DATE PLOTTED: 1/7/2015 10:18:31 AM
 FILE NAME: 032_remo03_chicago-hillgrove.dgn
 PLOT DRIVER: pdfc_yuoft
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HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhartme
 DESIGNED - TSC
 DRAWN - DS
 CHECKED - RD
 DATE - 1/7/2015

PLOT SCALE = 1"=20'
 PLOT DATE = 1/7/2015

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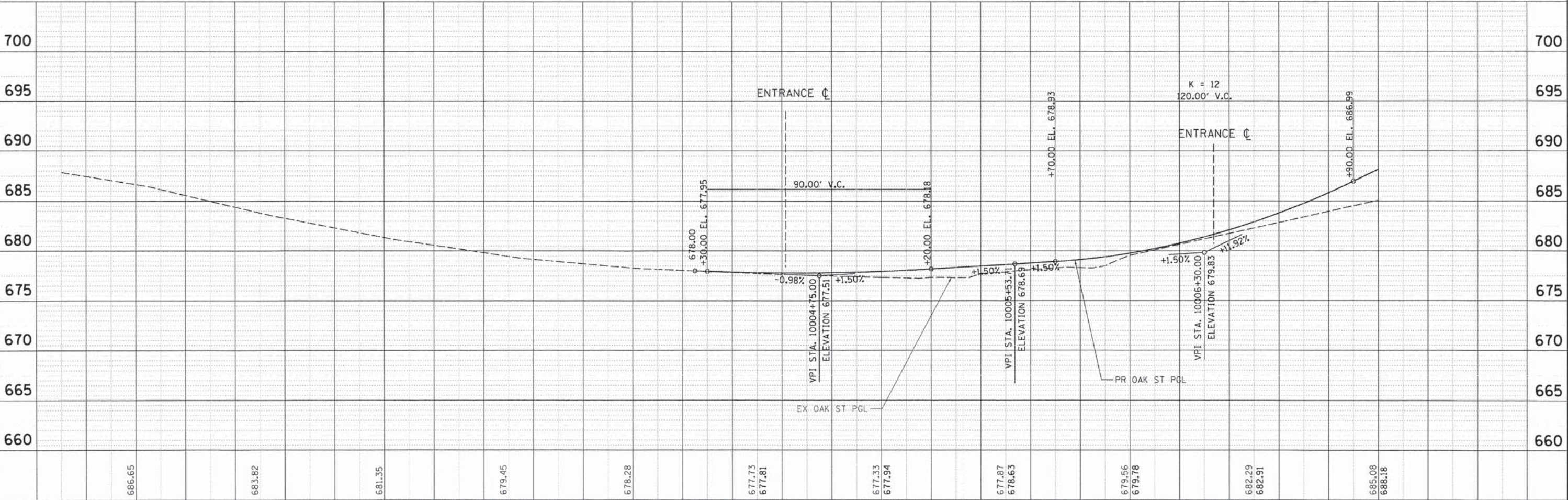
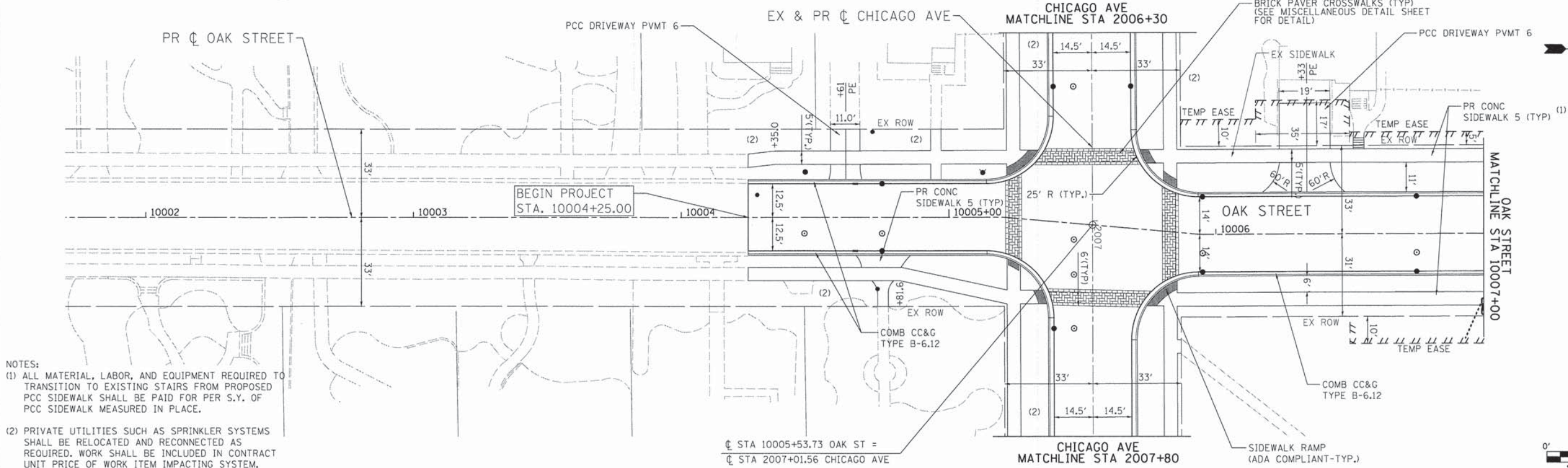
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PLAN	DATE
SURVEYED	BY
NOTED	DATE
NOTE BOOK	NO.
NO.	

PROFILE	DATE
SURVEYED	BY
NOTED	DATE
NOTE BOOK	NO.
NO.	

COMPANY NAME: HRGreen, P.C.
 PROJECT CONTACT: HRGreen, P.C.
 DATE PLOTTED: 12/16/2014 15:35 PM
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USER NAME = dstanz
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 PLOT DATE = 12/16/2014

DESIGNED - TSC
 DRAWN - DS
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REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

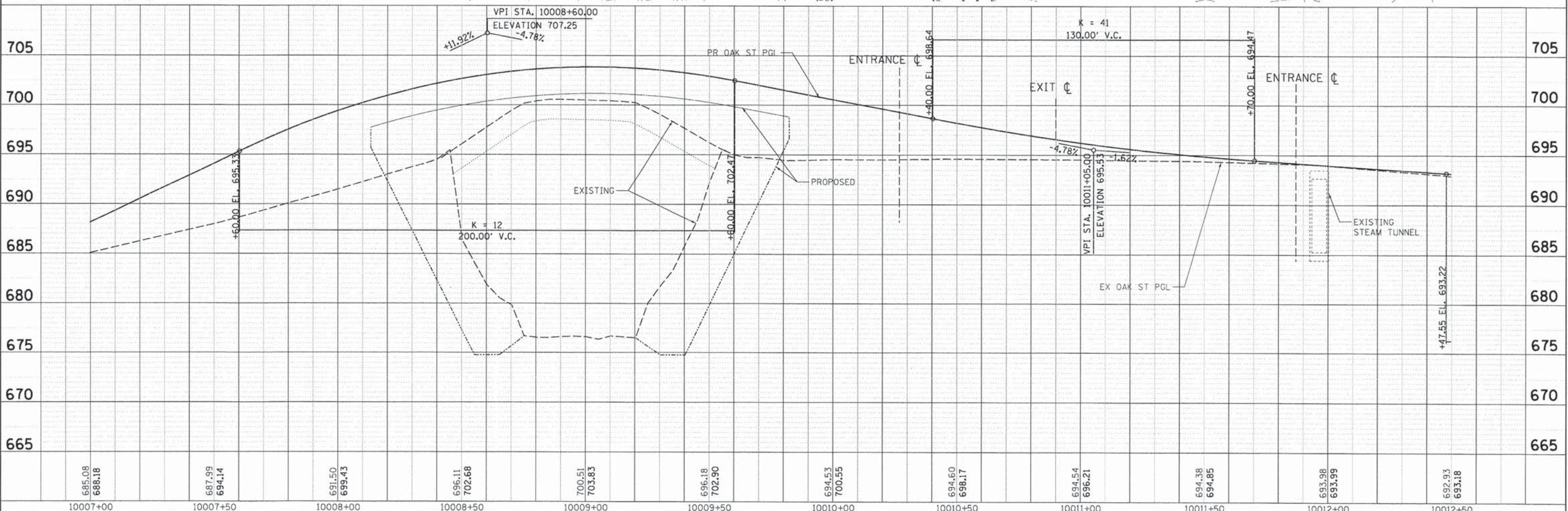
PLAN & PROFILE
 OAK STREET

SCALE: 1"=20'
 SHEET NO. 1 OF 7 SHEETS
 STA. 10004+25 TO STA. 10007+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	24
CONTRACT NO. 61B11				

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

COMPANY NAME: MR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSdale
DATE PLOTTED: 1/7/2015 9:35:21 AM
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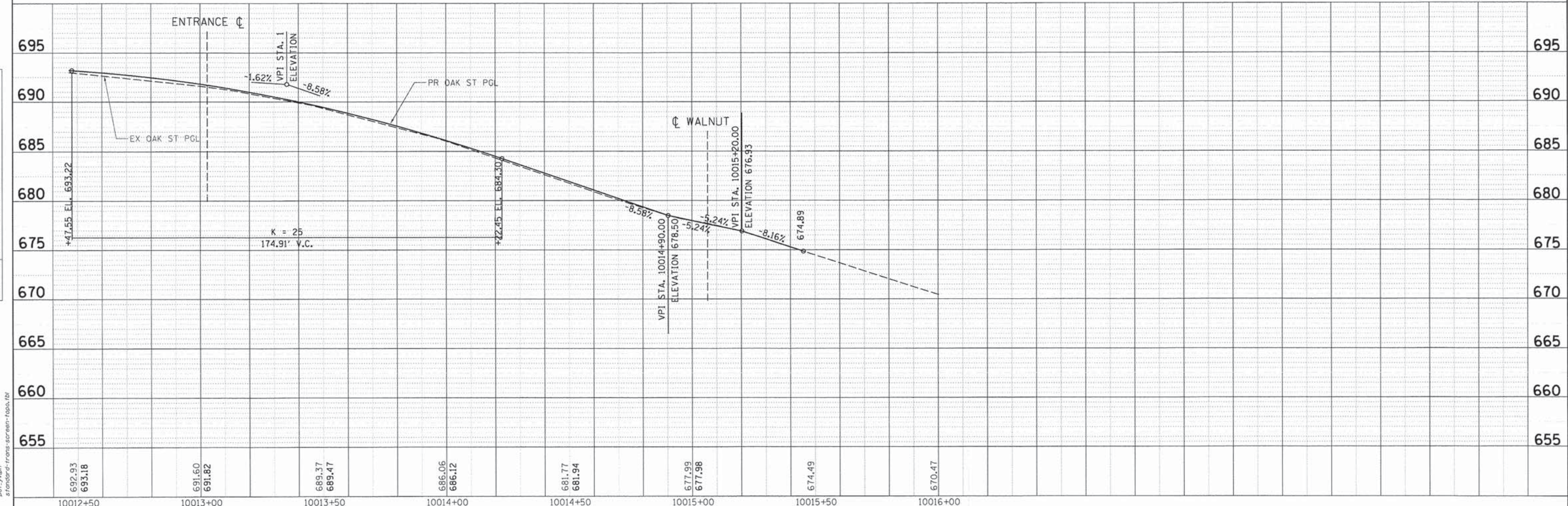
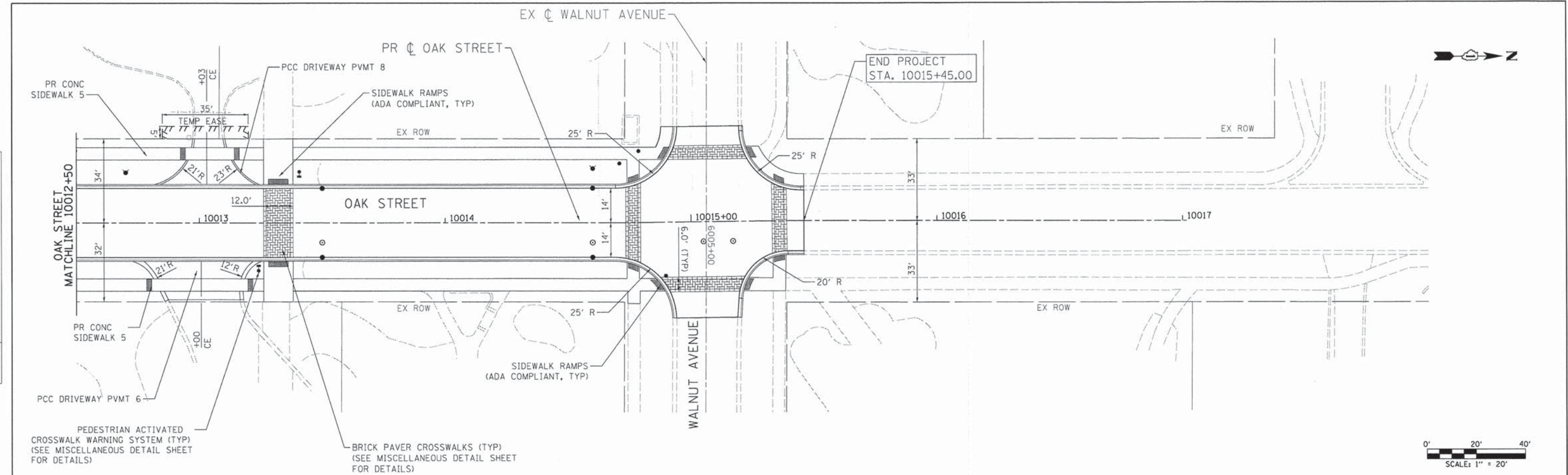


 HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = bhartma	DESIGNED = TSC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE OAK STREET	SCALE: 1"=20' SHEET NO. 2 OF 7 SHEETS STA. 10007+00 TO STA. 10012+50	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.	
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PLAN	SURVEYED	BY	DATE
NO.	PLOTTED		
NOTE BOOK	CHECKED		
	RT. OF WAY CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NO.	PLOTTED		
NOTE BOOK	CHECKED		
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COMPANY NAME: HIR GREEN
 PROJECT CONTACT: T. SCOTT CRECH, P.E.
 CLIENT: VILLAGE OF HINDSDALE
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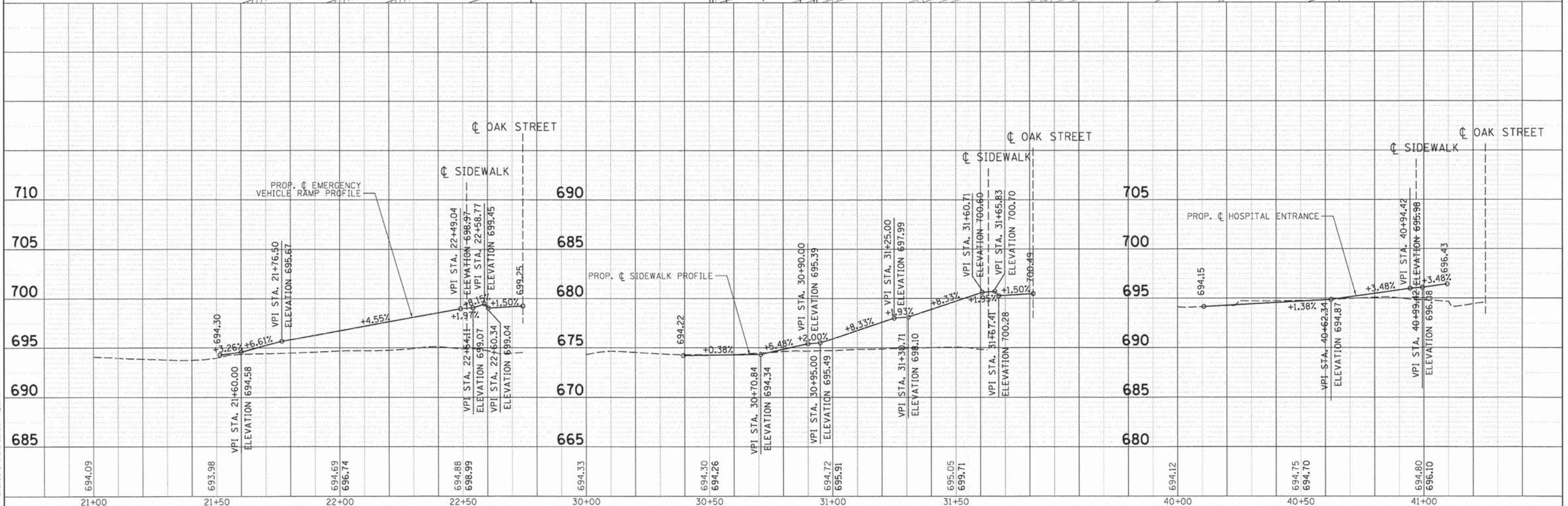
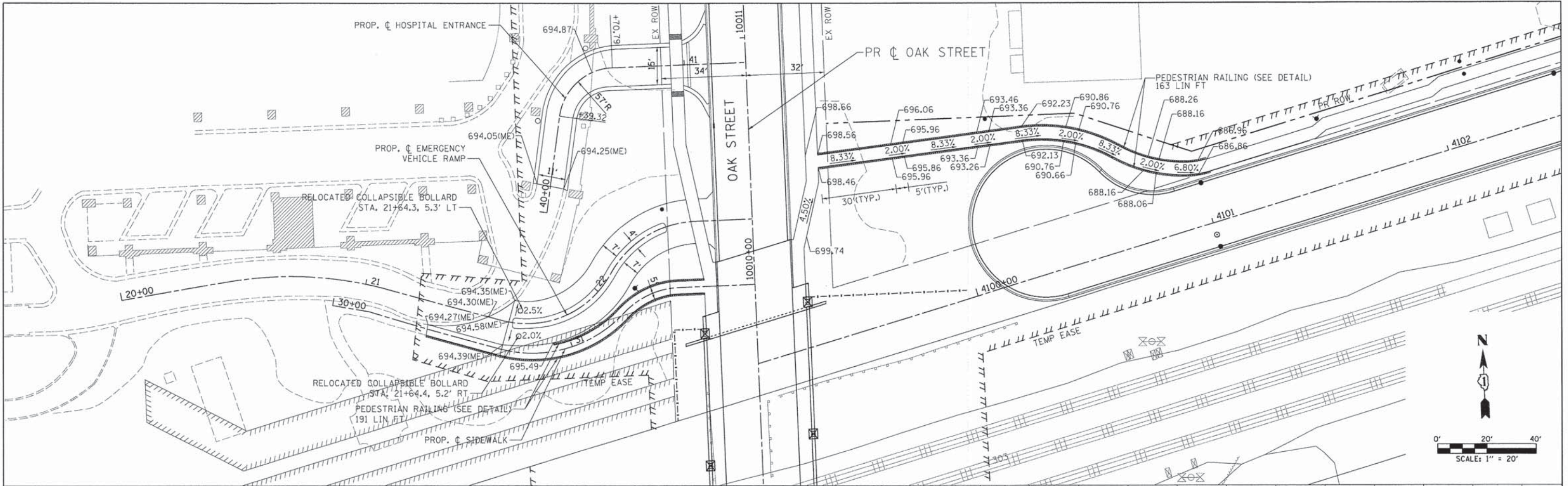


USER NAME = dstencz FILE NAME = 032.pnp.oak-03.dgn PLOT SCALE = 1"=20' PLOT DATE = 12/16/2014	DESIGNED - TSC DRAWN - DS CHECKED - RD DATE - 12/16/14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE OAK STREET SCALE: 1"=20' SHEET NO. 3 OF 7 SHEETS STA. 10012+50 TO STA. 10015+45	F.A.U. RTE. 2999 SECTION 10-00089-00-BR COUNTY DUPAGE TOTAL SHEETS 157 SHEET NO. 26 CONTRACT NO. 61B11 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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PLAN	SURVEYED	DATE
NO.	BY	
NO.	DATE	
NO.	DATE	
NO.	DATE	

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

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINDSDALE
 DATE PLOTTED: 1/7/2015 9:35:26 AM
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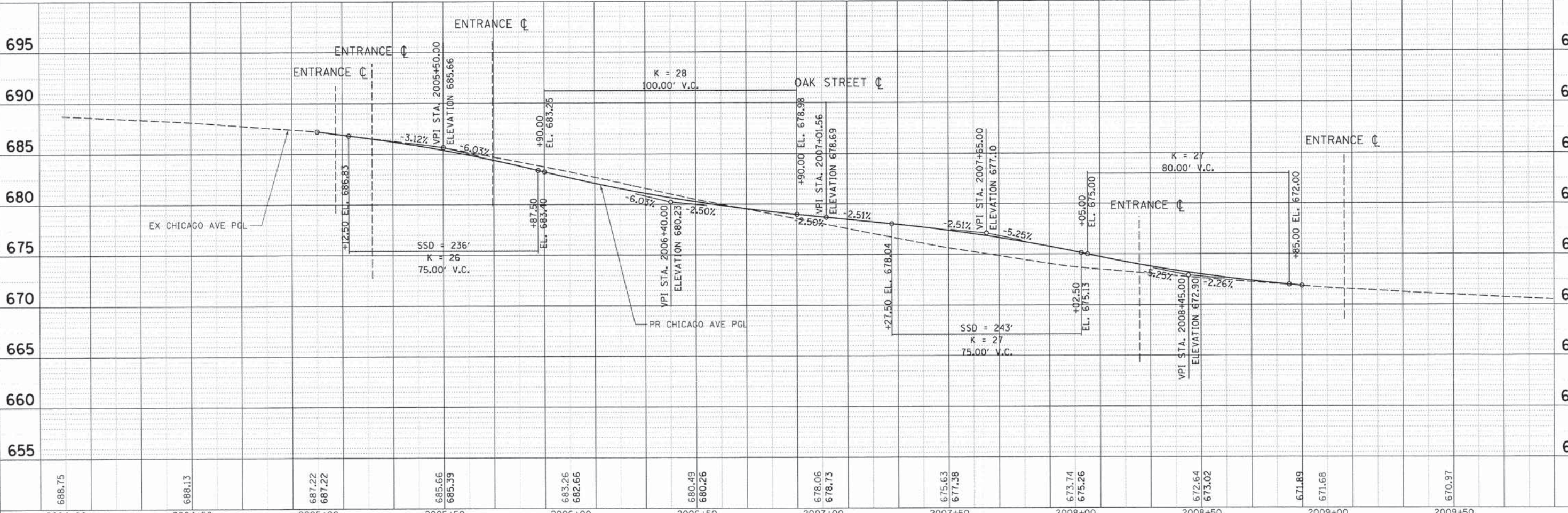
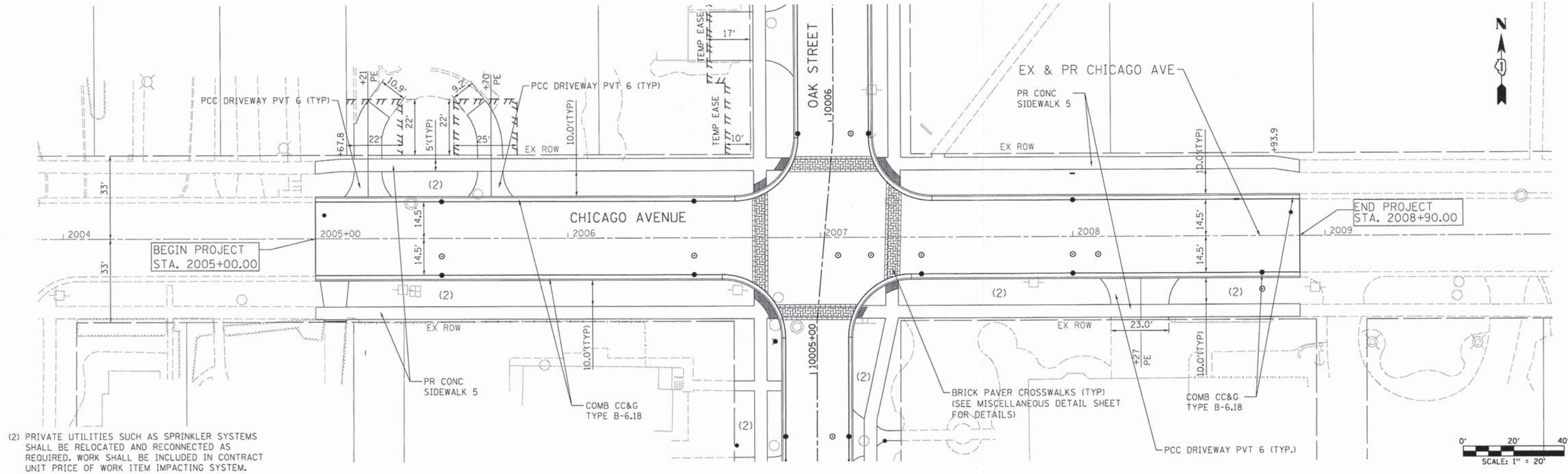


HRGreen HRGreen.com Illinois Professional Design Firm # 184-001322		USER NAME = bhartha FILE NAME = 032.pnp.oak-04.dgn PLOT SCALE = 1"=20' PLOT DATE = 1/7/2015	DESIGNED - TSC DRAWN - DS CHECKED - RD DATE - 1/7/15	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN & PROFILE HOSPITAL ENTRANCES/EXITS		SCALE: 1"=20' SHEET NO. 4 OF 7 SHEETS STA. TO STA.	F.A.U. RTE. 2999 SECTION 10-00089-00-BR COUNTY DUPAGE TOTAL SHEETS 157 SHEET NO. 27 CONTRACT NO. 61B11
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PLAN	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTED		
	REVIEWED		
	CHECKED		
	FILED		

PROFILE	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTED		
	REVIEWED		
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	FILED		

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CRECH, P.E.
 CLIENT: VILLAGE OF HINDSBOROUGH
 DATE PLOTTED: 12/15/2014 3:52:56 PM
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2004+00		2004+50		2005+00		2005+50		2006+00		2006+50		2007+00		2007+50		2008+00		2008+50		2009+00		2009+50								
 HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = dstonez		DESIGNED - TSC		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLAN & PROFILE CHICAGO AVENUE SCALE: 1"=20' SHEET NO. 5 OF 7 SHEETS STA. 2005+00 TO STA. 2008+90																F.A.U RTE.		SECTION		COUNTY		TOTAL SHEETS	
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USER NAME = dstanoz
 FILE NAME = 032.pnp.chicago-05.dgn
 PLOT SCALE = 1"=20'
 PLOT DATE = 12/15/2014

DESIGNED - TSC
 DRAWN - DS
 CHECKED - RD
 DATE - 12/15/14

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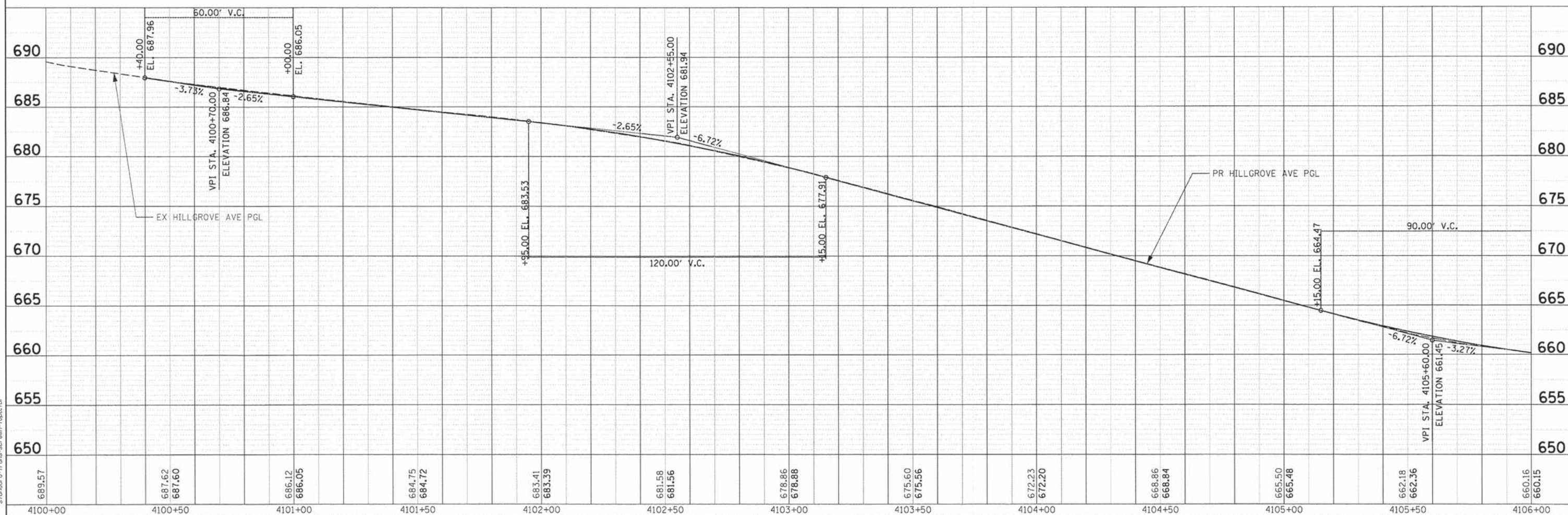
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
 CHICAGO AVENUE

SCALE: 1"=20' SHEET NO. 5 OF 7 SHEETS STA. 2005+00 TO STA. 2008+90

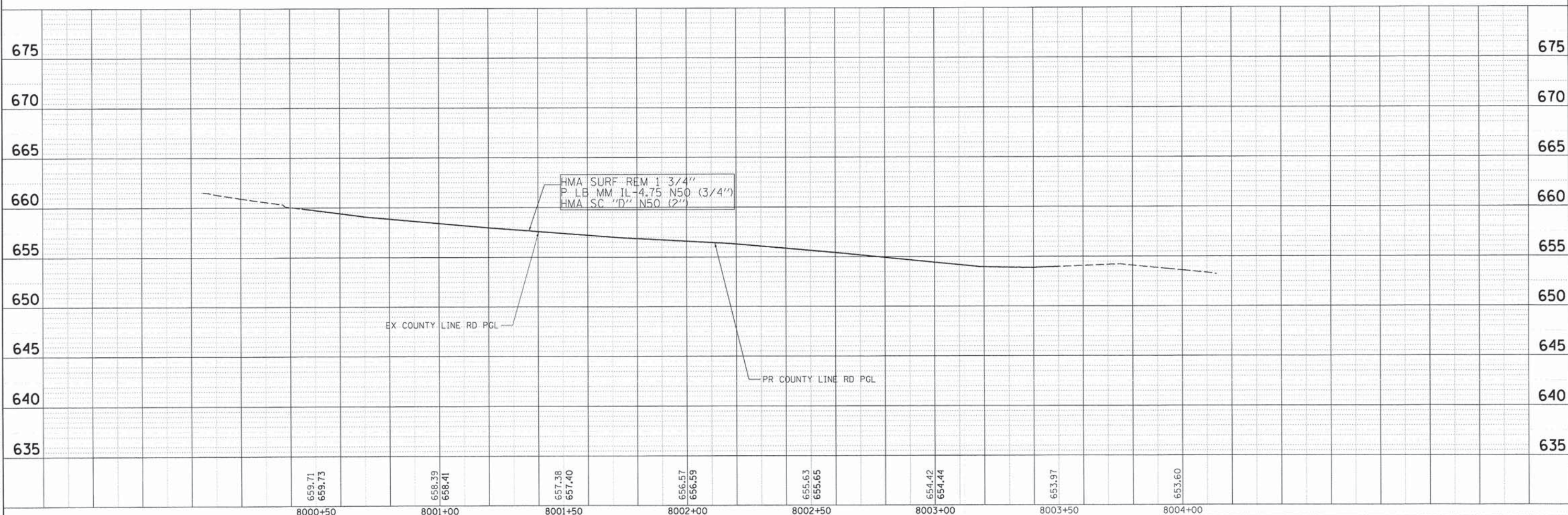
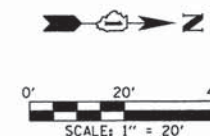
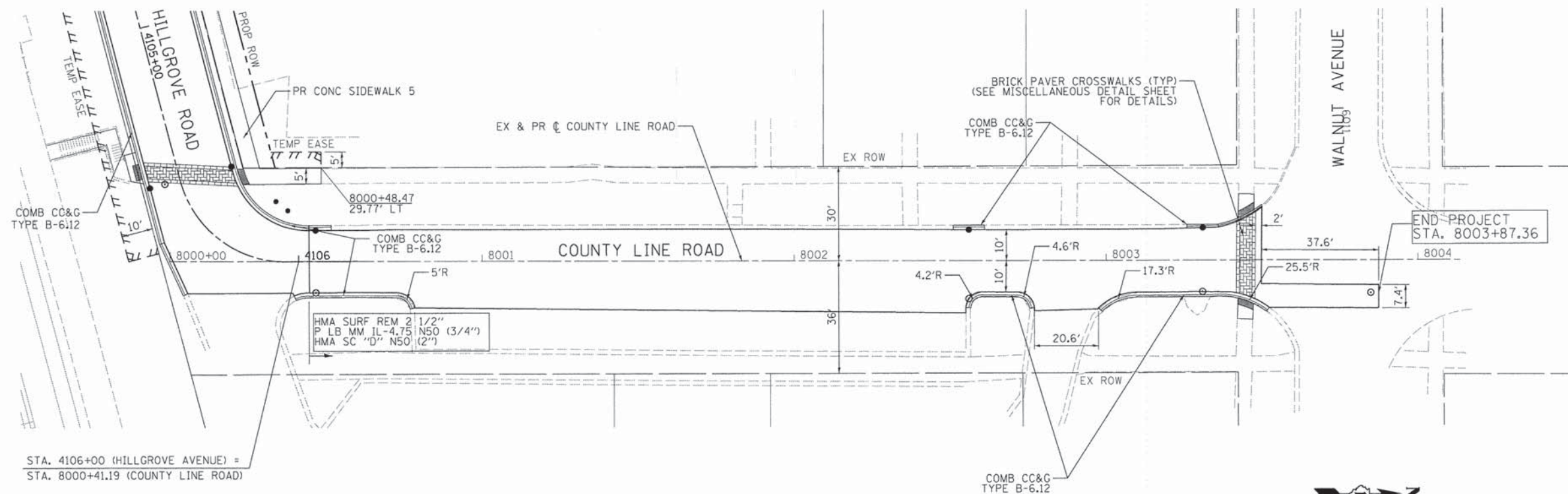
F.A.U. R.T.E. 2999 SECTION 10-00089-00-BR COUNTY DUPAGE TOTAL SHEETS 157 SHEET NO. 28 CONTRACT NO. 61B11

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATIONS CHECKED		

[illegible]

 HRGreen.com Illinois Professional Design Firm # 184-001322 HRGreen	USER NAME = bhar-tma	DESIGNED = TSC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE HILLGROVE AVENUE	SCALE: 1"=20'		SHEET NO. 6 OF 7 SHEETS		STA. 4100+04 TO STA. 4106+10		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
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	PLOT DATE = 1/7/2015	DATE = 1/7/15	REVISED =												

COMPANY NAME: MR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSdale
DATE PLOTTED: 12/15/2014 3:38:05 PM
PLOT NAME: 032.pnp, countyline-01.dgn
PLOT DRIVER: pdf, yplot
OPEN TABLE: standard-trans-screen-topo.tbl



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

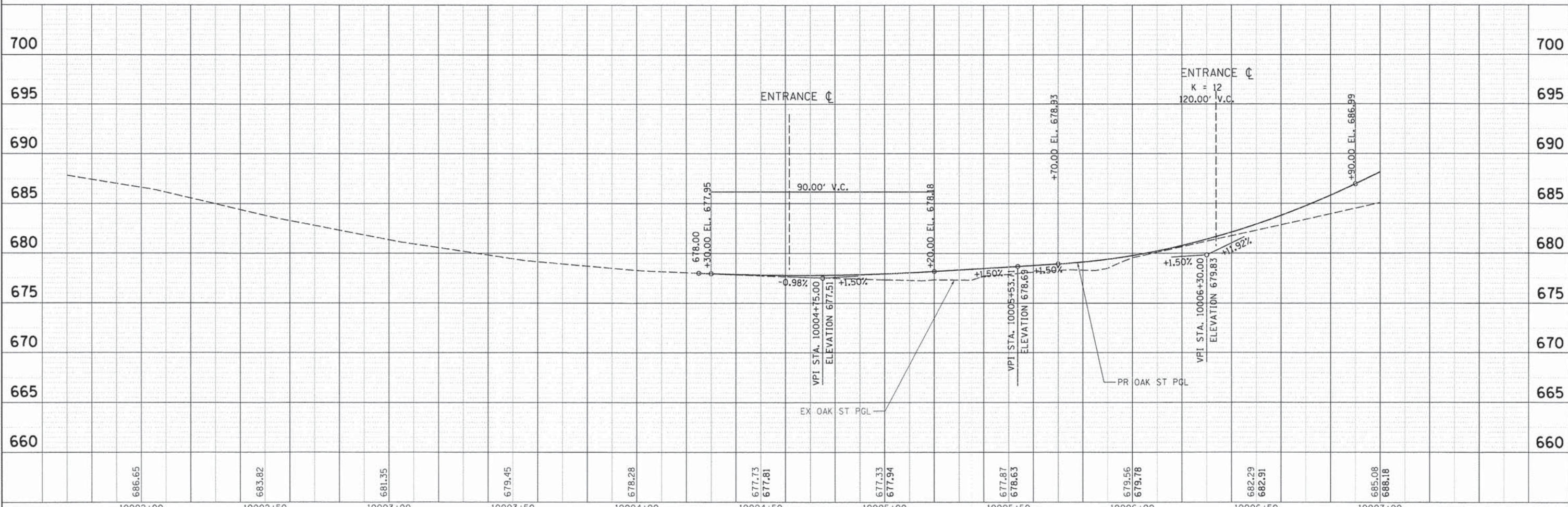
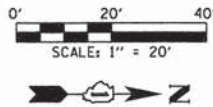
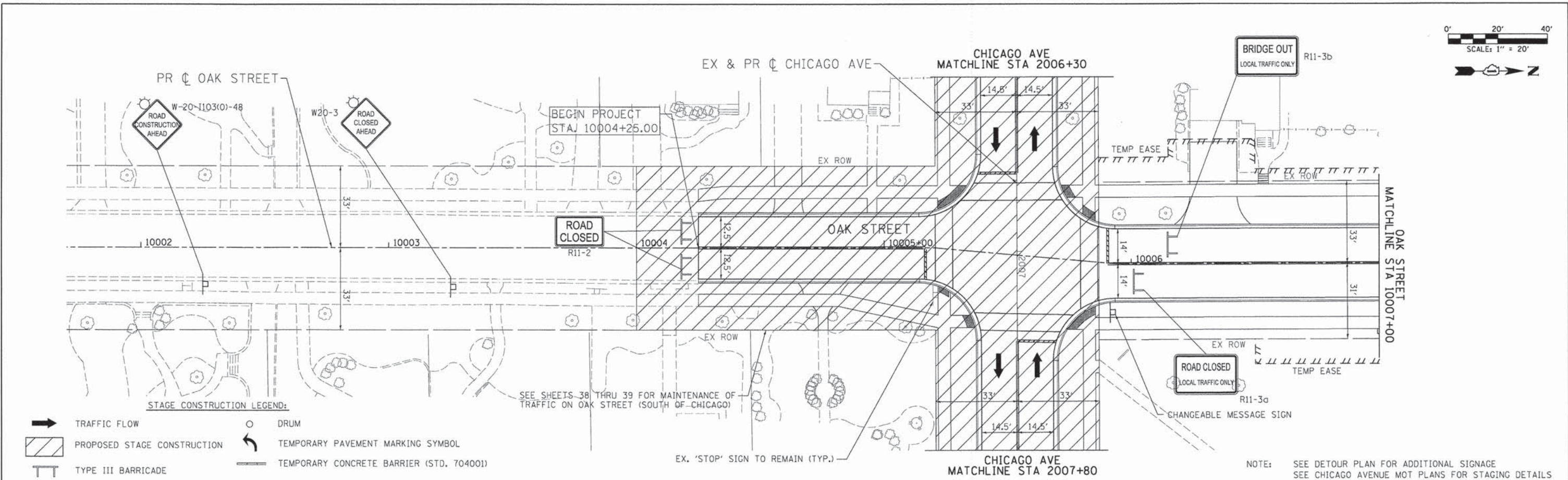
PLAN & PROFILE
COUNTY LINE ROAD

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	30
		CONTRACT NO. 61B11		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

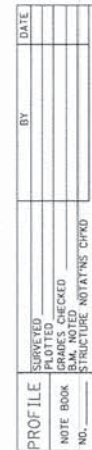
PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
NO.	BY	
NOTE BOOK	PLOTTED	
NO.	BY	

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

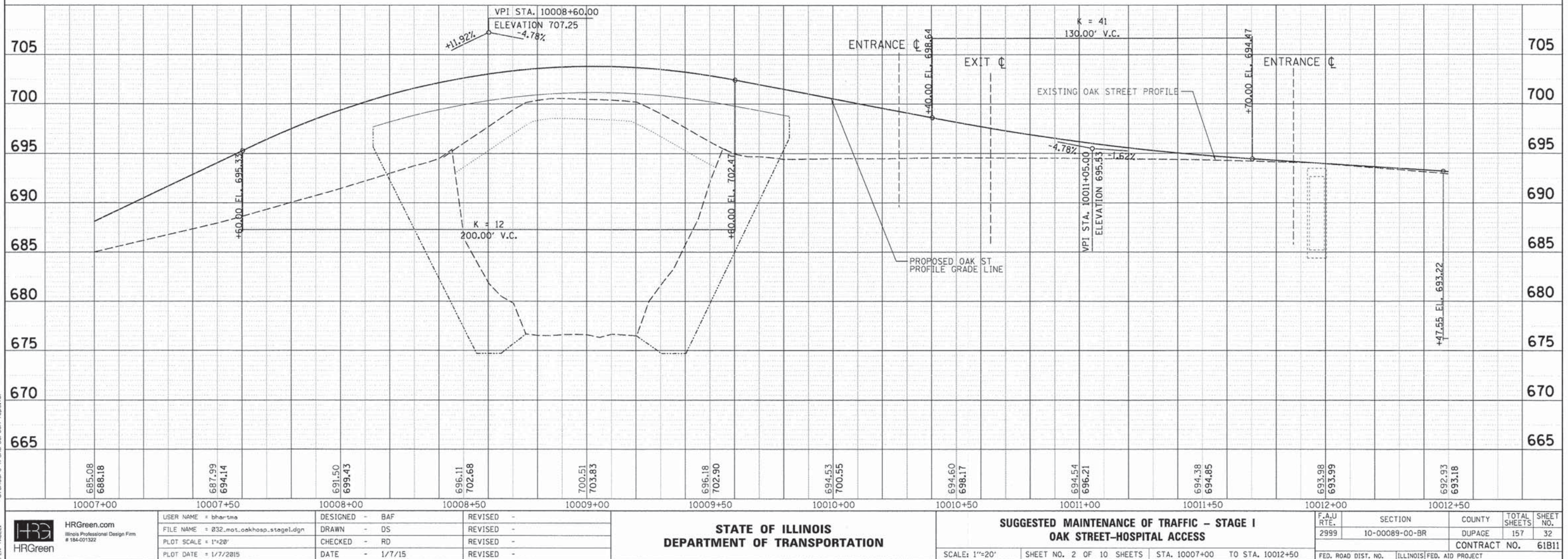
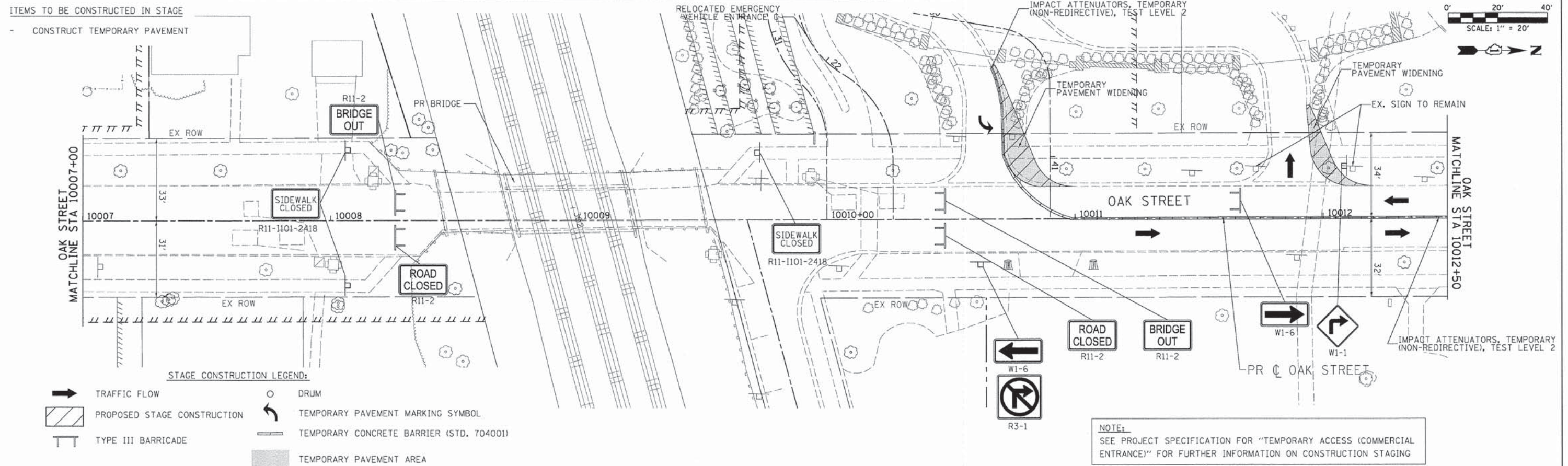
COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINDSDALE
 DATE PLOTTED: 1/23/2015 11:38:46 PM
 FILE NAME: 032_mot_oaksouth.stage1-4.dgn
 PLOT NUMBER: 032_mot_oaksouth.stage1-4.dgn
 PEN TABLE: 032_mot_oaksouth.stage1-4.dgn



HRGreen	HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = bhartha	DESIGNED - BAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE I, II, III, IV OAK STREET	F.A.U. RTE. 2999	SECTION 10-00089-00-BR	COUNTY DUPAGE	TOTAL SHEETS 157	SHEET NO. 31
FILE NAME = 032_mot_oaksouth.stage1-4.dgn	FILE NAME = 032_mot_oaksouth.stage1-4.dgn	FILE NAME = 032_mot_oaksouth.stage1-4.dgn	DRAWN - DS	REVISED -	SCALE: 1"=20'	SHEET NO. 1 OF 10 SHEETS	STA. 10004+25	TO STA. 10007+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61B11
PLOT SCALE = 1"=20'	PLOT SCALE = 1"=20'	PLOT SCALE = 1"=20'	CHECKED - RD	REVISED -							
PLOT DATE = 1/5/2015	PLOT DATE = 1/5/2015	PLOT DATE = 1/5/2015	DATE - 1/5/15	REVISED -							



COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 1/7/2015 9:33:33 AM
FILE NAME: 032_mot_oakhosp_stop
PLOT DRIVER: pdf_vw.plt
PLOT TABLE: standard-trans-scales



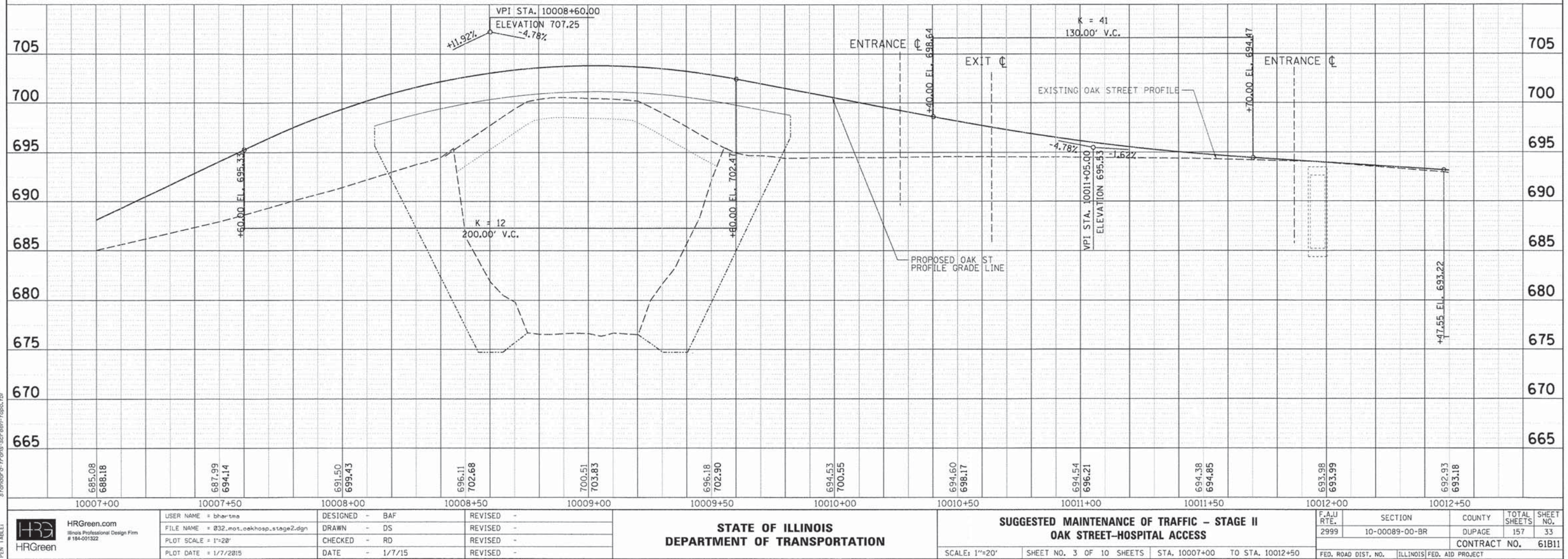
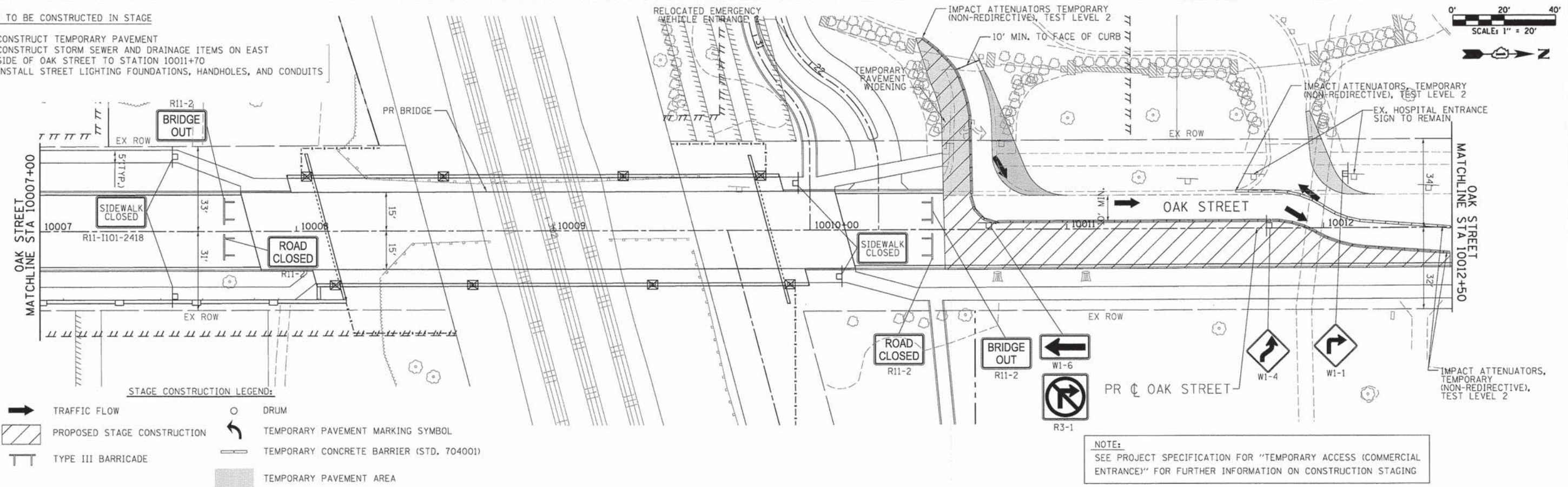
PLAN	DATE
BY	
DESIGNED	
CHECKED	
NOTED	
FILE NAME	
NO.	

PROFILE	DATE
BY	
DESIGNED	
CHECKED	
NOTED	
FILE NAME	
NO.	

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF WINDSOALE
 DATE PLOTTED: 1/7/2015 9:35:43 AM
 FILE NAME: 032.mot.oakhosp.stage2.dgn
 PLOT DRIVER: pdf.yuvit
 PLOT TABLE: standard-trans-screen-100a.tbl

ITEMS TO BE CONSTRUCTED IN STAGE

- CONSTRUCT TEMPORARY PAVEMENT
- CONSTRUCT STORM SEWER AND DRAINAGE ITEMS ON EAST SIDE OF OAK STREET TO STATION 10011+70
- INSTALL STREET LIGHTING FOUNDATIONS, HANDHOLES, AND CONDUITS



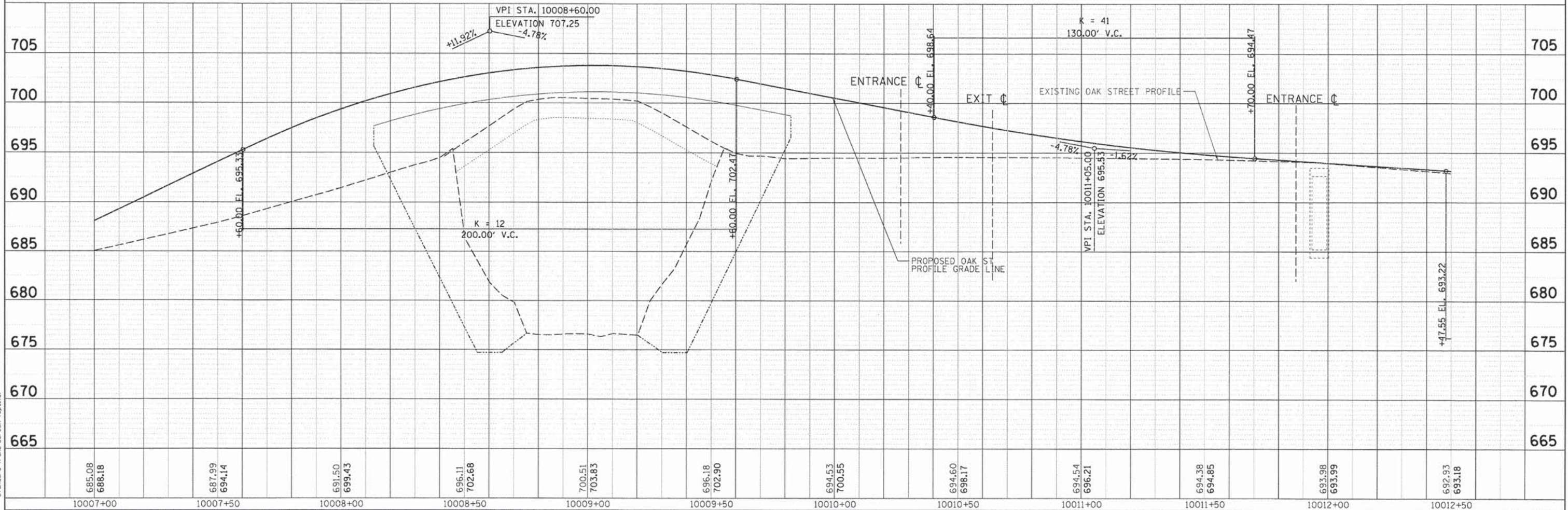
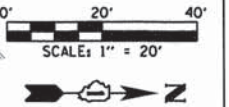
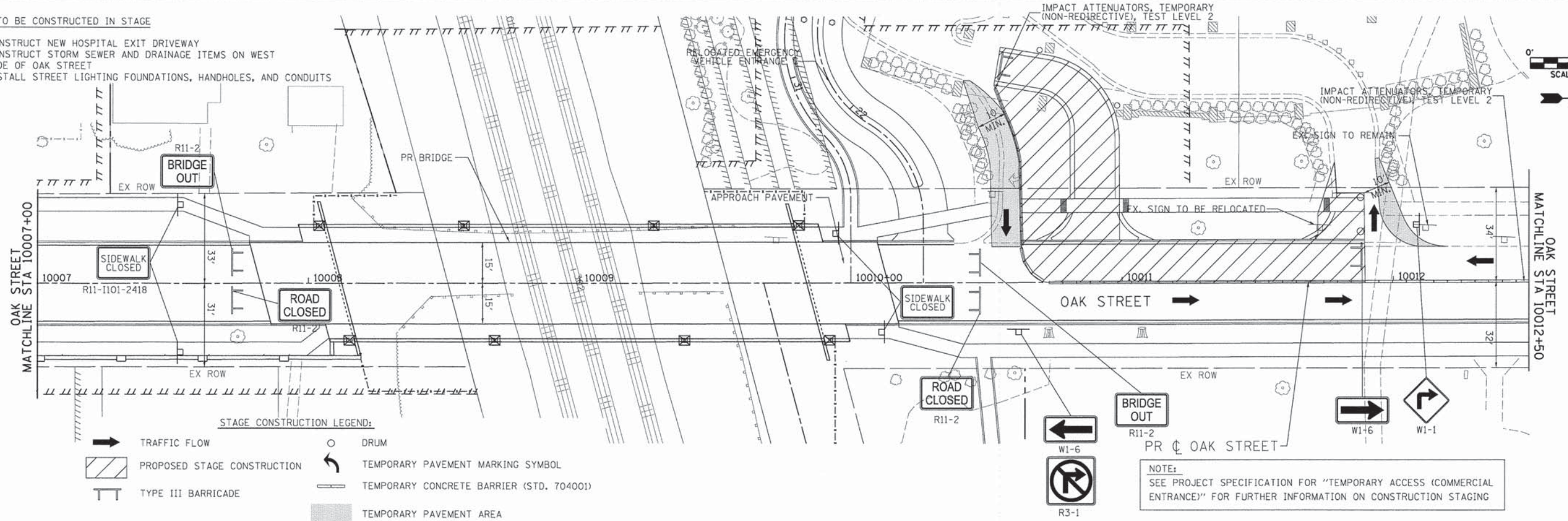
PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTED		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTED		
NO.		

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT GREEN, P.E.
 CLIENT: VILLAGE OF HINDSDALE
 DATE PLOTTED: 1/17/2015 9:35:50 AM
 PLOT DRIVER: 012.mot.oakhosp.stage3.dgn
 PEN TABLE: standard-trans-screen-fp09.tbl

ITEMS TO BE CONSTRUCTED IN STAGE

- CONSTRUCT NEW HOSPITAL EXIT DRIVEWAY
- CONSTRUCT STORM SEWER AND DRAINAGE ITEMS ON WEST SIDE OF OAK STREET
- INSTALL STREET LIGHTING FOUNDATIONS, HANDHOLES, AND CONDUITS



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE III
 OAK STREET-HOSPITAL ACCESS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	34
CONTRACT NO. 61B11				

SCALE: 1"=20' SHEET NO. 4 OF 10 SHEETS STA. 10007+00 TO STA. 10012+50

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

USER NAME = bhartha	DESIGNED - BAF	REVISED -
FILE NAME = 832.mot.oakhosp.stage3.dgn	DRAWN - DS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - RD	REVISED -
PLOT DATE = 1/7/2015	DATE - 1/7/15	REVISED -

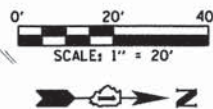
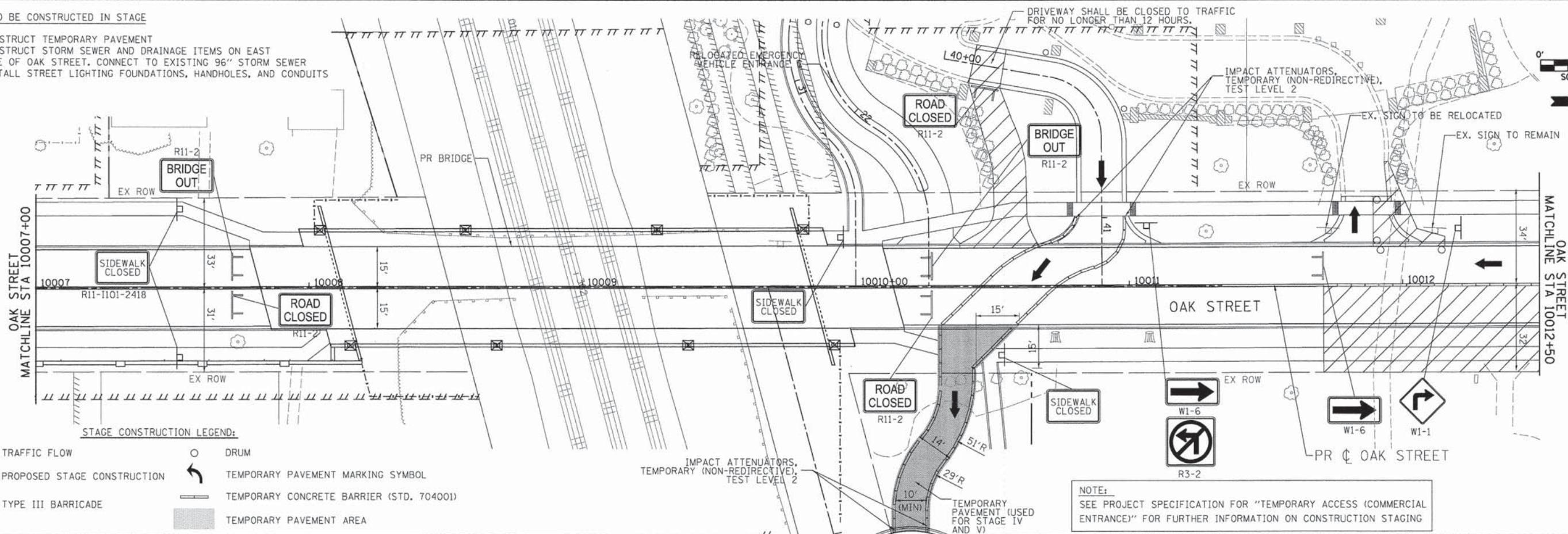
PLAN	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE

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

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINDSDALE
 DATE PLOTTED: 1/7/2015 9:34:04 AM
 FILE NAME: 022.mot.oakhosp.stage4.dgn
 PLOT DRIVER: pdf_vrwin
 STANDARD: standard-trans-screen-topo.tbl

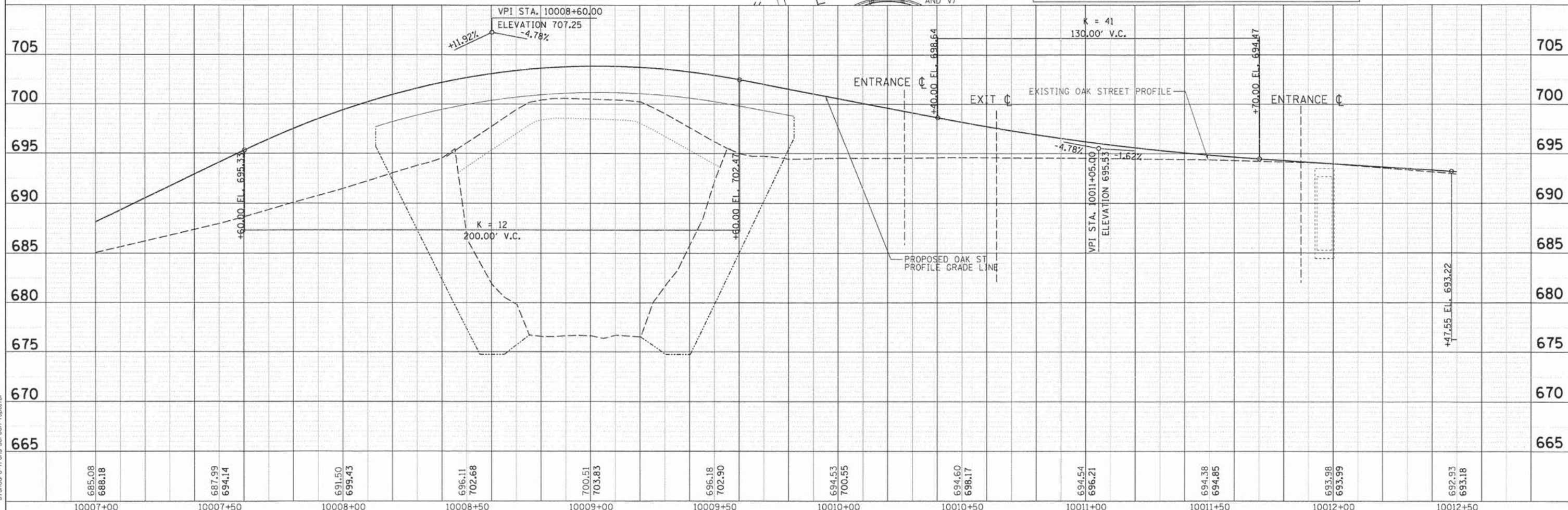
ITEMS TO BE CONSTRUCTED IN STAGE

- CONSTRUCT TEMPORARY PAVEMENT
- CONSTRUCT STORM SEWER AND DRAINAGE ITEMS ON EAST SIDE OF OAK STREET. CONNECT TO EXISTING 96" STORM SEWER
- INSTALL STREET LIGHTING FOUNDATIONS, HANDHOLES, AND CONDUITS



- STAGE CONSTRUCTION LEGEND:**
- TRAFFIC FLOW (indicated by arrows)
 - PROPOSED STAGE CONSTRUCTION (indicated by hatched areas)
 - TYPE III BARRICADE (indicated by T-shaped symbols)
 - DRUM (indicated by circle symbols)
 - TEMPORARY PAVEMENT MARKING SYMBOL (indicated by dashed lines)
 - TEMPORARY CONCRETE BARRIER (STD. 704001) (indicated by solid lines)
 - TEMPORARY PAVEMENT AREA (indicated by solid black areas)

NOTE:
 SEE PROJECT SPECIFICATION FOR "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)" FOR FURTHER INFORMATION ON CONSTRUCTION STAGING



10007+00	10007+50	10008+00	10008+50	10009+00	10009+50	10010+00	10010+50	10011+00	10011+50	10012+00	10012+50
685.08 688.18	687.99 694.14	691.50 699.43	696.11 702.68	700.51 703.83	696.18 702.90	694.53 700.55	694.60 698.17	694.54 696.21	694.38 694.85	693.98 693.99	692.93 693.18

HRGreen.com
 Illinois Professional Design Firm
 #164-001322

USER NAME = bhartha	DESIGNED - BAF	REVISED -
FILE NAME = 022.mot.oakhosp.stage4.dgn	DRAWN - DS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - RD	REVISED -
PLOT DATE = 1/7/2015	DATE = 1/7/15	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE IV
 OAK STREET-HOSPITAL ACCESS

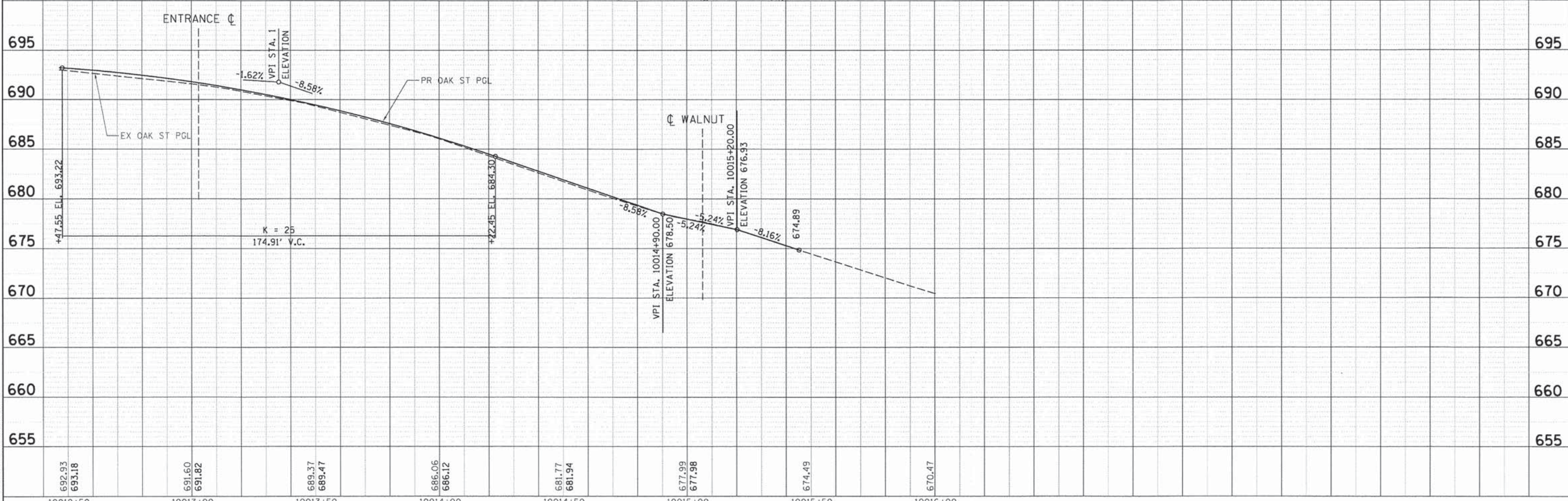
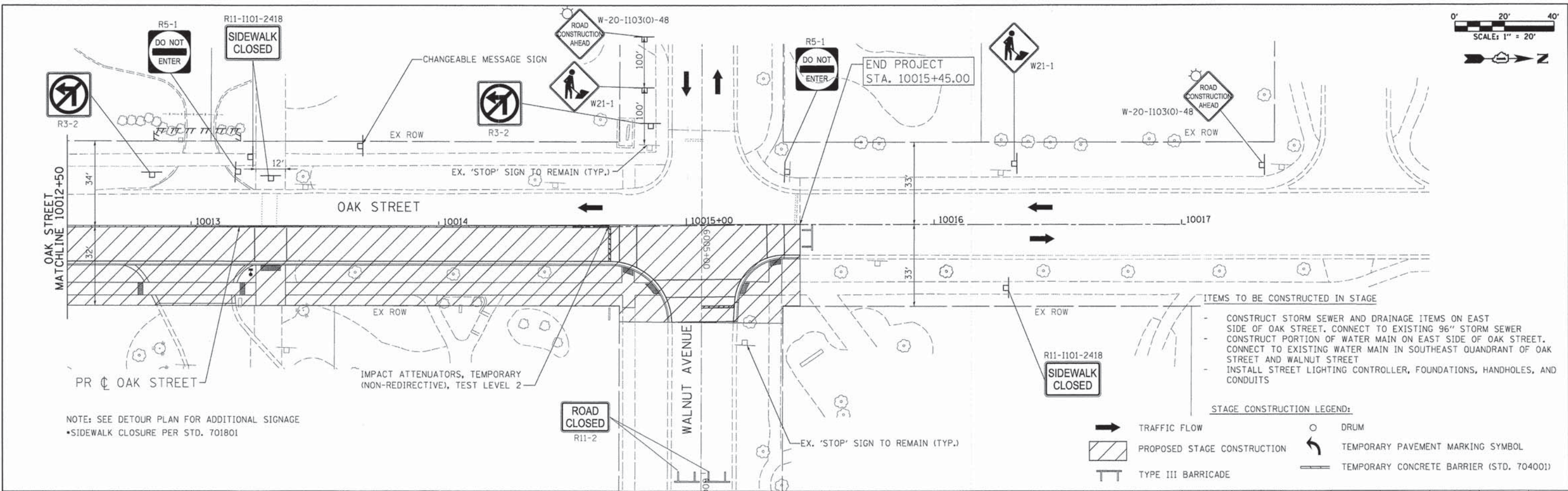
SCALE: 1"=20' SHEET NO. 5 OF 10 SHEETS STA. 10007+00 TO STA. 10012+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	35
CONTRACT NO. 61811				

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

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

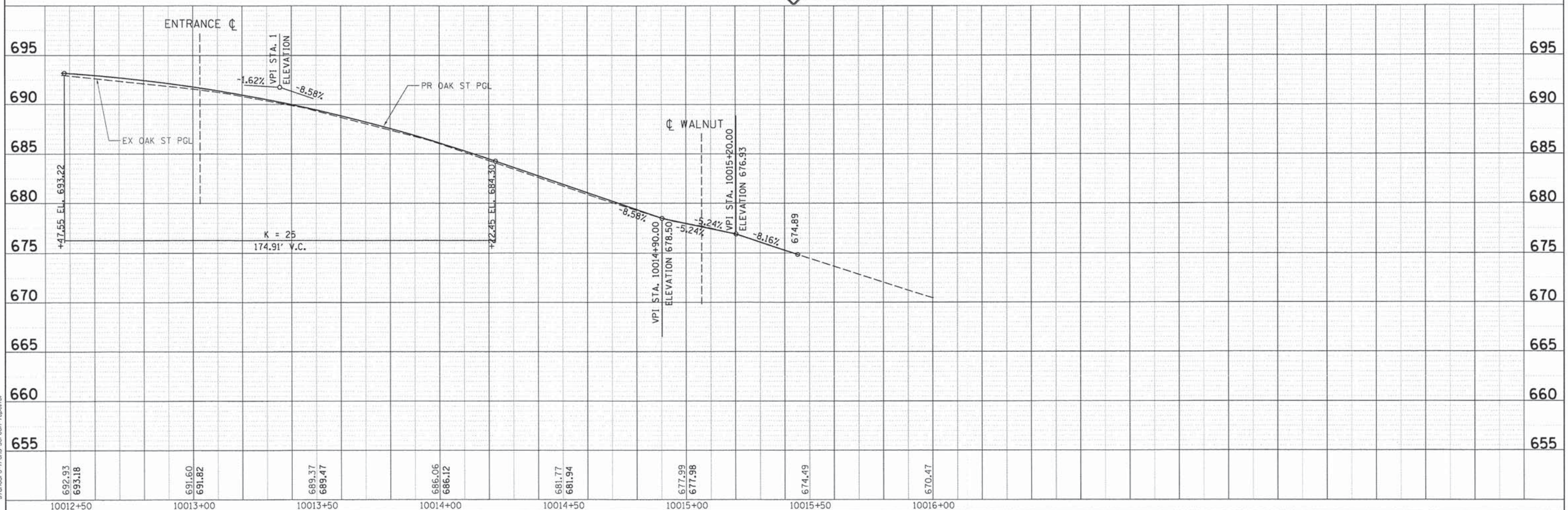
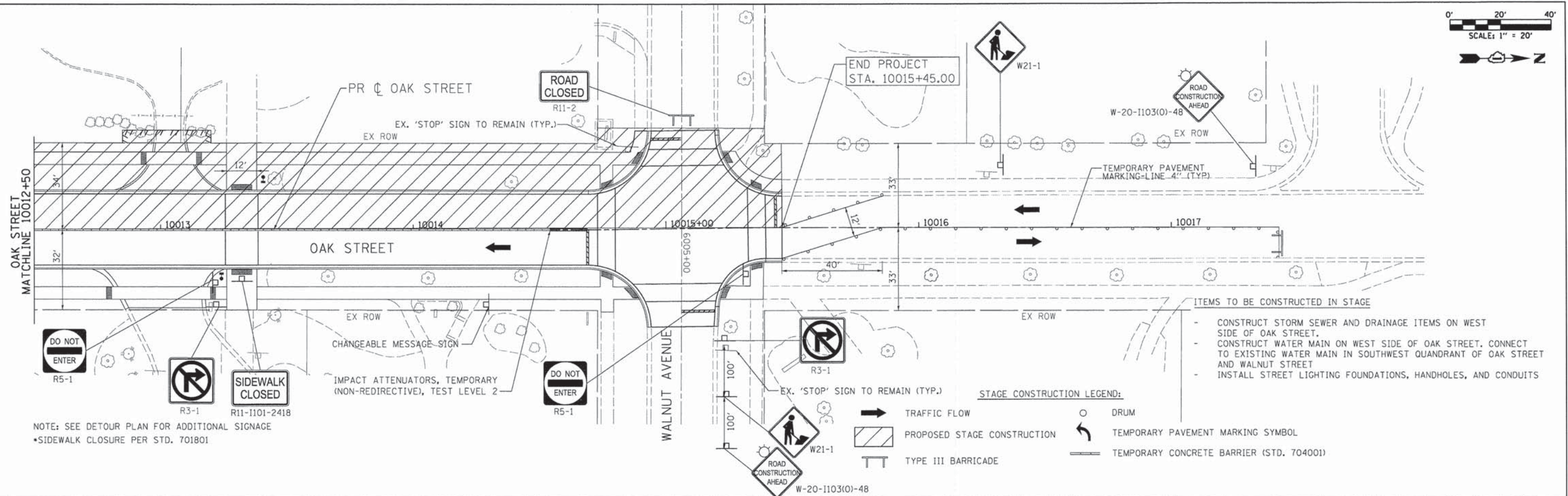
COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINDSDALE
 DATE PLOTTED: 1/5/2015 11:55:22 PM
 FILE NAME: 032.mot.oaknath.stage4.dgn
 PLOT DRIVER: pdf, xvplot
 STANDARD: standard-trans-screen-fplot.tbl



10012+50	10013+00	10013+50	10014+00	10014+50	10015+00	10015+50	10016+00
692.93 693.18	691.60 691.82	689.37 689.47	686.06 686.12	681.77 681.94	677.99 677.98	674.49	670.47
USER NAME = bhartha	DESIGNED - BAF	REVISED -	FILE NAME = 032.mot.oaknath.stage4.dgn	DRAWN - DS	REVISED -	CHECKED - RD	REVISED -
PLOT SCALE = 1"=20'	DATE = 1/5/2015	DATE = 1/5/15					
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUGGESTED MAINTENANCE OF TRAFFIC - STAGE IV OAK STREET			
SCALE: 1"=20'				SHEET NO. 6 OF 10 SHEETS STA. 10012+50 TO STA. 10015+45			
F.A.U. RTE. 2999		SECTION 10-00089-00-BR		COUNTY DUPAGE		TOTAL SHEETS 157	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61B11		SHEET NO. 36	

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHECKED _____		

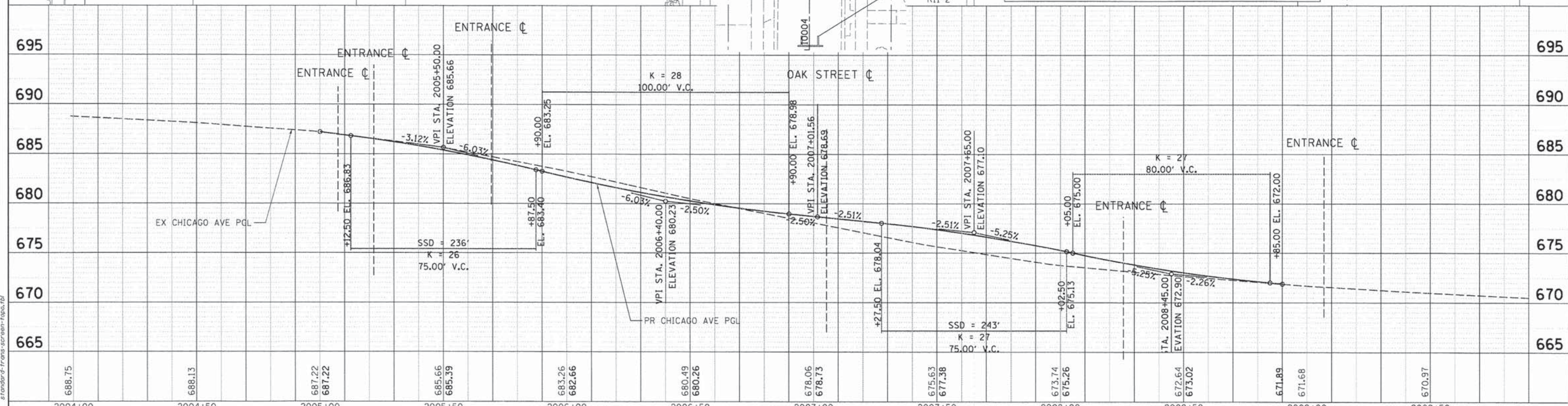
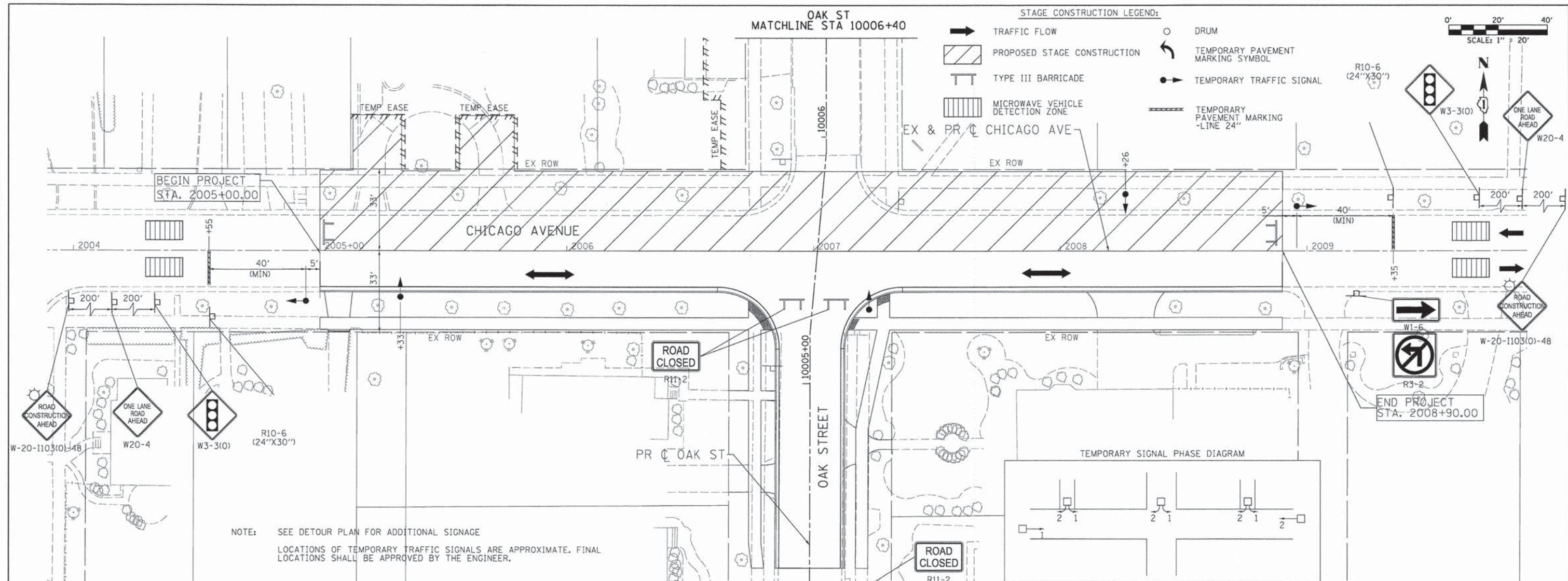
COMPANY NAME: HIR GREEN
PROJECT CONTACT: T. SCOTT
CLIENT: VILLAGE OF
DATE PLOTTED: 1/5/2015
FILE NAME: 032_mot.c
PLOT DRIVER: pdf_vv.plt
PEN TABLE: standard



PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTES		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTES		
NO.		

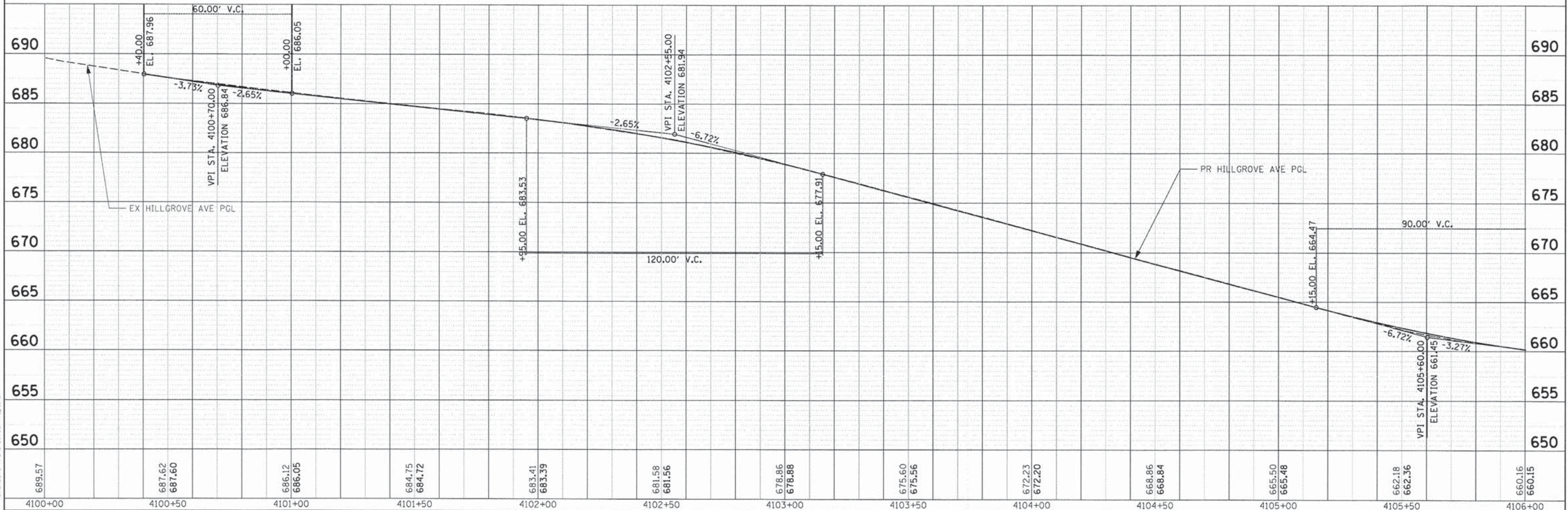
COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT GREEN, P.E.
 CLIENT: VILLAGE OF WINDSOALE
 DATE PLOTTED: 1/5/2015 11:30:06 PM
 PLOT FILE: 032_mst_chicago_stage2.dgn
 PLOT: 032_mst_chicago_stage2.dgn
 PEN TABLE: Standard of Trans screen-fpca.tbl



HRGreen HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = bhartha FILE NAME = 032_mst_chicago_stage2.dgn PLOT SCALE = 1"=20' PLOT DATE = 1/5/2015	DESIGNED - BAF DRAWN - DS CHECKED - RD DATE - 1/5/15	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE II CHICAGO AVENUE SCALE: 1"=20' SHEET NO. 9 OF 10 SHEETS STA. 2005+00 TO STA. 2008+90	F.A.U. RTE. 2999 SECTION 10-00089-00-BR COUNTY DUPAGE TOTAL SHEETS 157 SHEET NO. 39 CONTRACT NO. 61B11
--	--	---	--	---	--	---

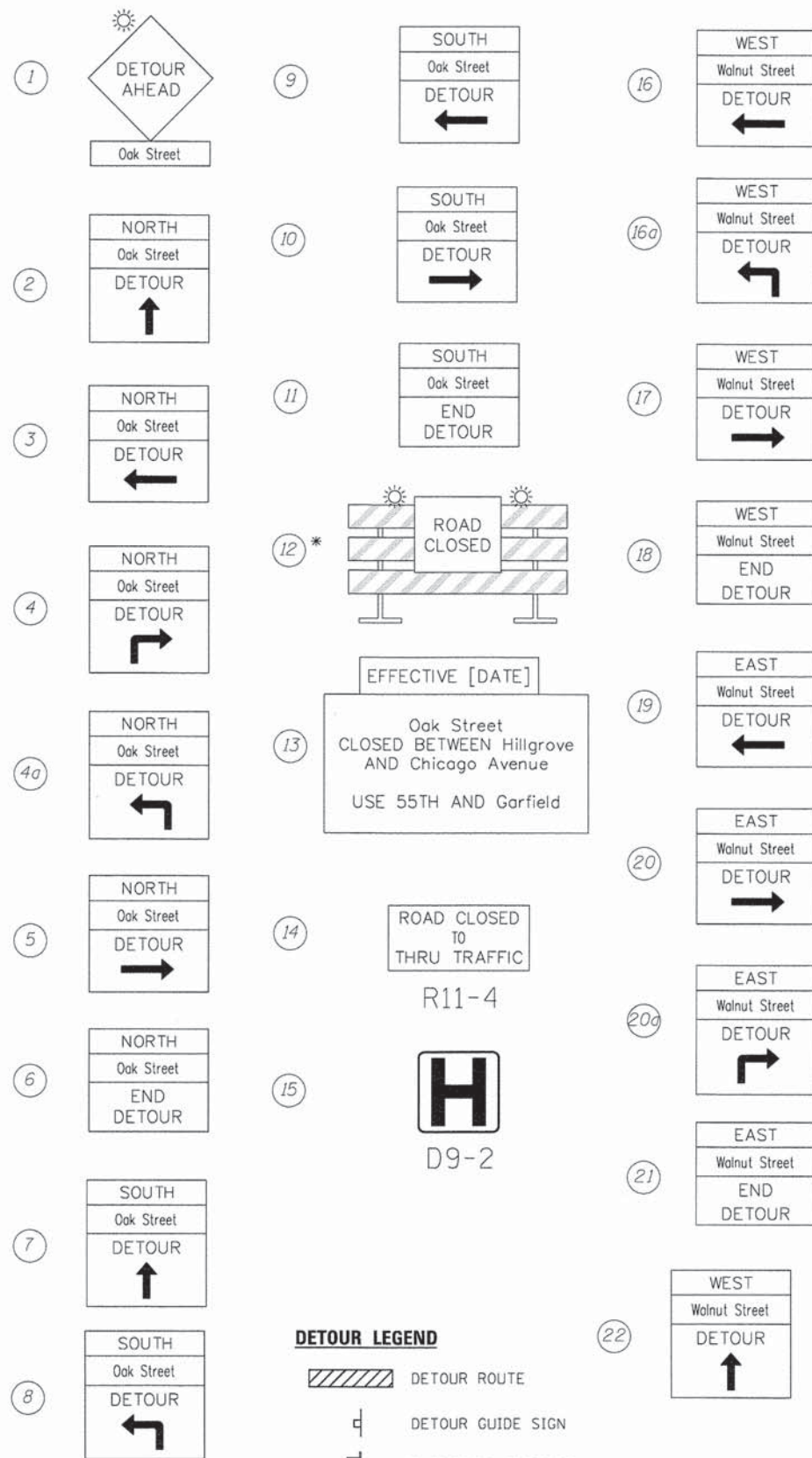
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	PLOTTED		
	GRADES CHECKED		
	I.B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		
NOTE BOOK			
NO. _____			

COMPANY NAME: MR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINSDALE
DATE PLOTTED: 1/7/2015 10:18:47 AM
FILE NAME: 032_mrt_hillgrove_stages_3.dgn
PLOT DRIVER: pdf_vy.plt
PLOT TABLE: standard-trans-screen-1000.tbl

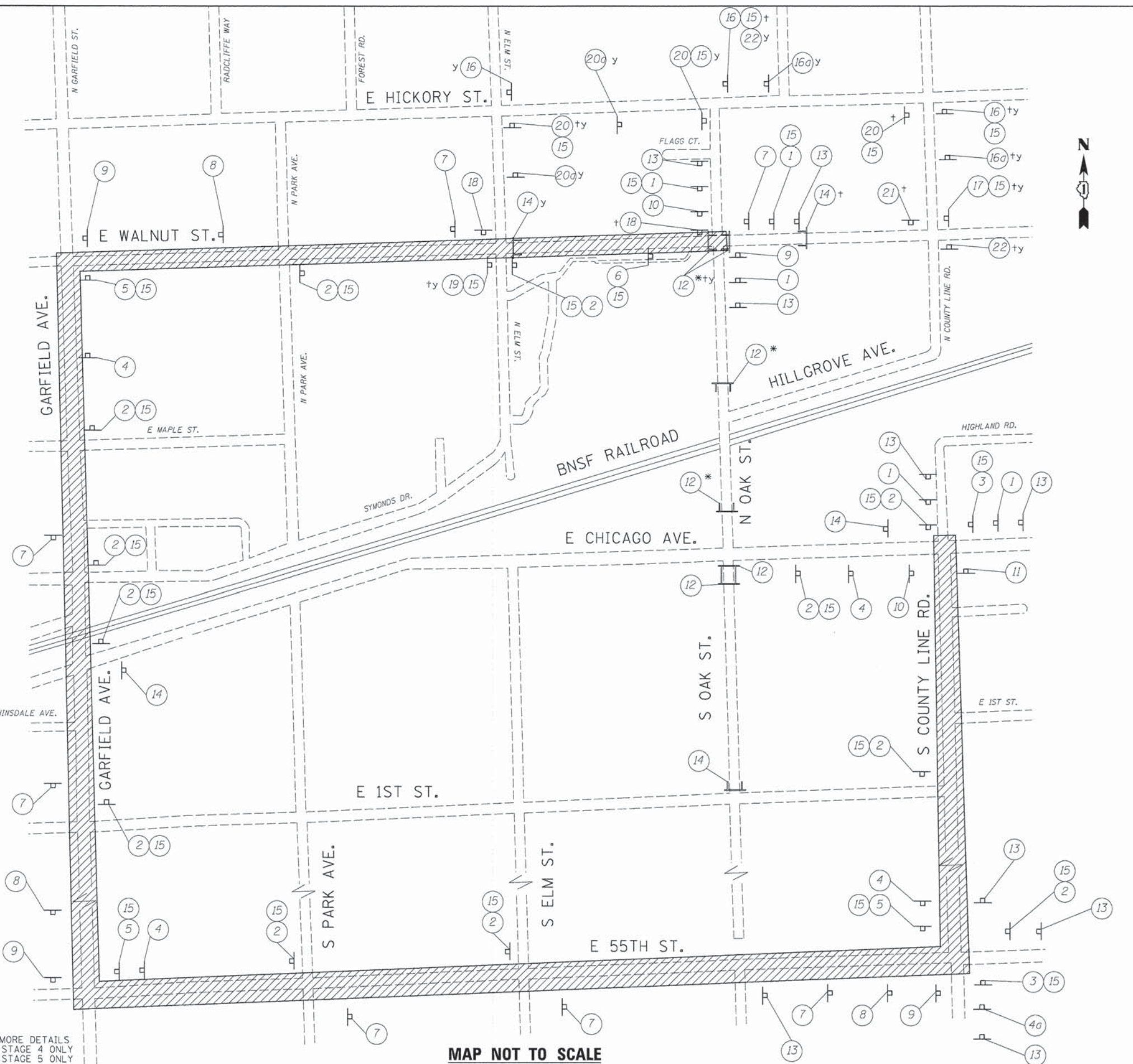


 HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = bhar.tn	DESIGNED - BAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC – STAGE I, II, III HILLGROVE AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 032.mat.hillgrove-stage1-3.dgn	DRAWN - DS	REVISED -			2999	10-00089-00-BR	DUPAGE	157	40
	PLOT SCALE = 1"=20'	CHECKED - RD	REVISED -			CONTRACT NO. 61B11				
	PLOT DATE = 1/7/2015	DATE - 1/7/15	REVISED -			SCALE: 1"=20'	SHEET NO. 10 OF 10 SHEETS	STA. 4100+04 TO STA. 4106+10	FED. ROAD DIST. NO.	ILLINOIS/FED. AID PROJECT

SIGN LEGEND



* SEE STAGING PLANS FOR MORE DETAILS
 + DETOUR FOR OAK STREET STAGE 4 ONLY
 y DETOUR FOR OAK STREET STAGE 5 ONLY



MAP NOT TO SCALE

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT GREEN, P.E.
 PROJECT LOCATION: ILLINOIS DEPARTMENT OF TRANSPORTATION
 DATE: 1/5/2015
 FILE NAME: 032 detour.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans-screen-topo.tbl



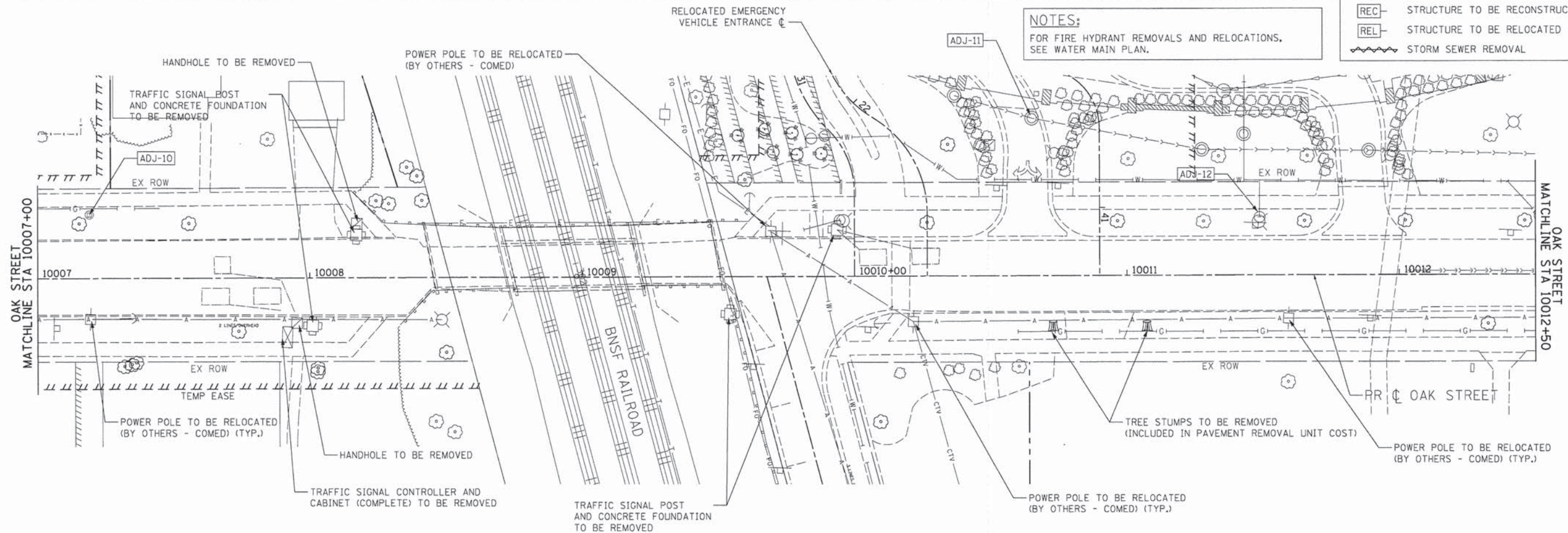
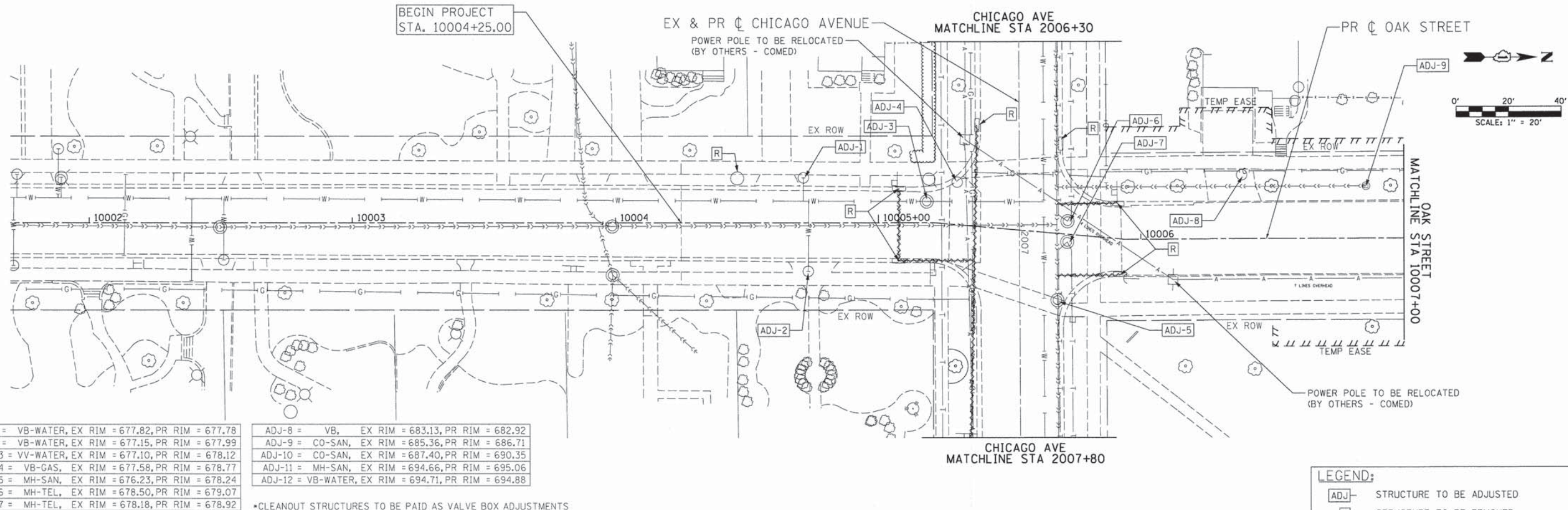
USER NAME = bhartha	DESIGNED - BAF	REVISED -
	DRAWN - DS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 1/5/2015	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETOUR PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61B11	



COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINSDALE
 DATE PLOTTED: 07/20/2015 2:54:11 PM
 PLOT DRIVER: 2015-07-20 10:00:00
 PEN TABLE: 5 transfer to trans-sec-0001-1000-10



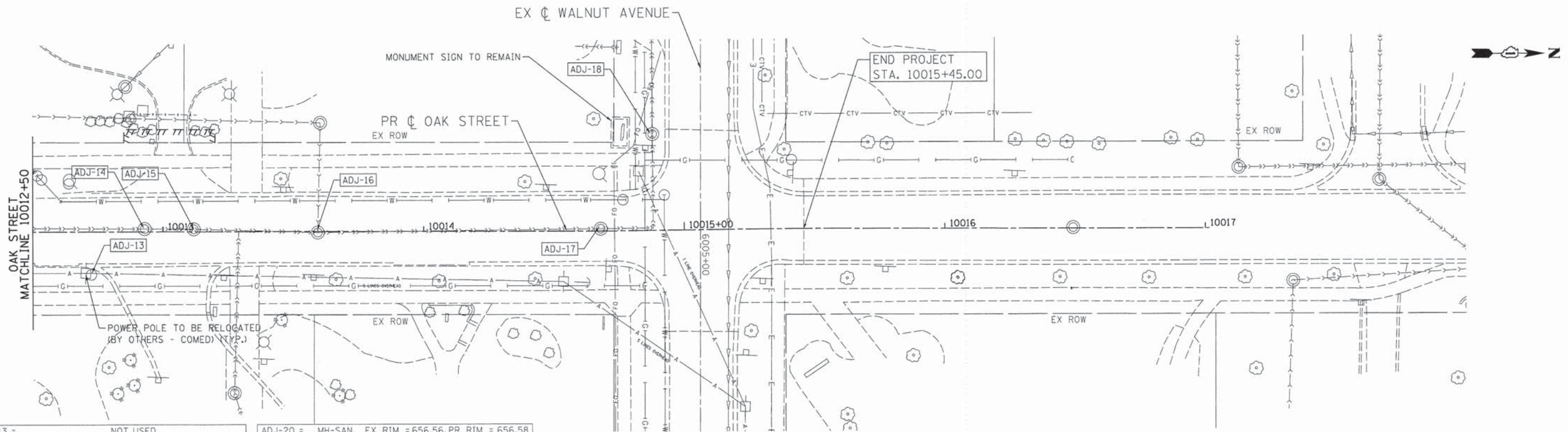
USER NAME = bhar-tia	DESIGNED - TSC	REVISED -
	DRAWN - DS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - RD	REVISED -
PLOT DATE = 1/7/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & UTILITY REMOVAL PLAN
 OAK STREET**

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 10004+25 TO STA. 10012+50

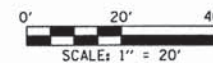
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	42
		CONTRACT NO. 61B11		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



ADJ-13 =	NOT USED
ADJ-14 =	MH-SAN, EX RIM = 691.80, PR RIM = 692.06
ADJ-15 =	MH-SAN, EX RIM = 691.25, PR RIM = 691.34
ADJ-16 =	MH-SAN, EX RIM = 688.81, PR RIM = 688.91
ADJ-17 =	MH-SAN, EX RIM = 680.23, PR RIM = 680.43
ADJ-18 =	MH-SAN, EX RIM = 676.99, PR RIM = 677.00
ADJ-19 =	MH-SAN, EX RIM = 661.34, PR RIM = 661.40

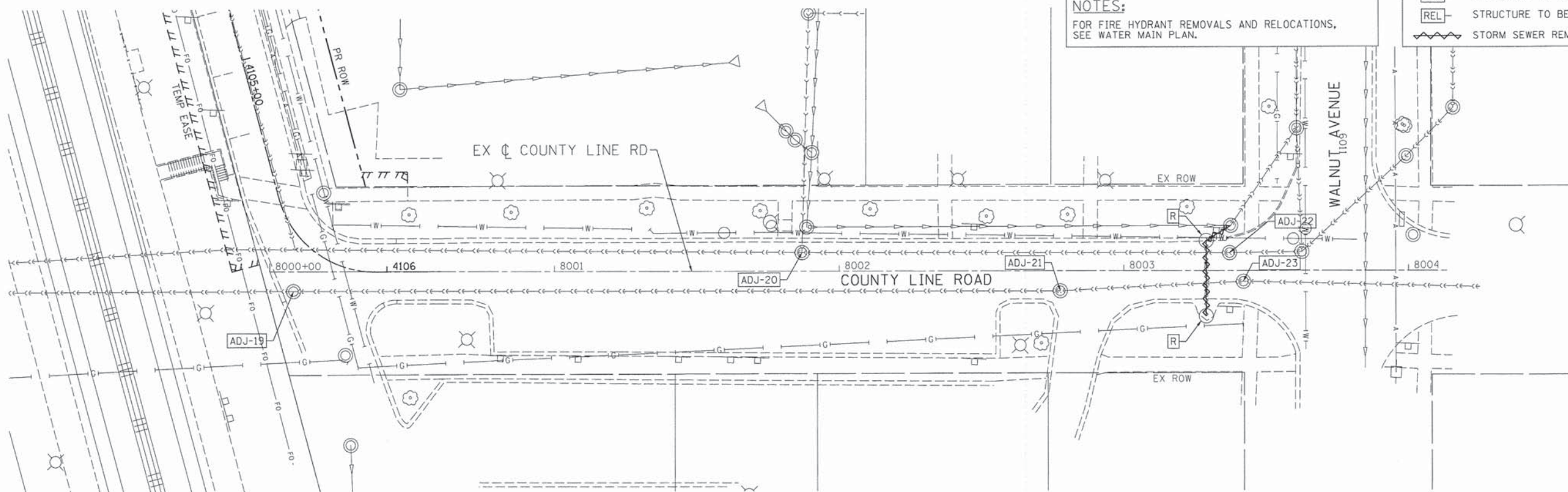
ADJ-20 =	MH-SAN, EX RIM = 656.56, PR RIM = 656.58
ADJ-21 =	MH-SAN, EX RIM = 654.84, PR RIM = 654.86
ADJ-22 =	MH-SAN, EX RIM = 653.64, PR RIM = 653.66
ADJ-23 =	MH-SAN, EX RIM = 653.91, PR RIM = 653.93

*CLEANOUT STRUCTURES TO BE PAID AS VALVE BOX ADJUSTMENTS



LEGEND:	
ADJ	STRUCTURE TO BE ADJUSTED
R	STRUCTURE TO BE REMOVED
REC	STRUCTURE TO BE RECONSTRUCTED
REL	STRUCTURE TO BE RELOCATED
	STORM SEWER REMOVAL

NOTES:
FOR FIRE HYDRANT REMOVALS AND RELOCATIONS,
SEE WATER MAIN PLAN.



HR GREEN
COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED:
FILE NAME:
PLOT DATE:
PLOT SCALE:
PLOT DATE:



USER NAME = dstencz
PLOT SCALE = 1"=20'
PLOT DATE = 12/11/2014

DESIGNED - TSC
DRAWN - DS
CHECKED - RD
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

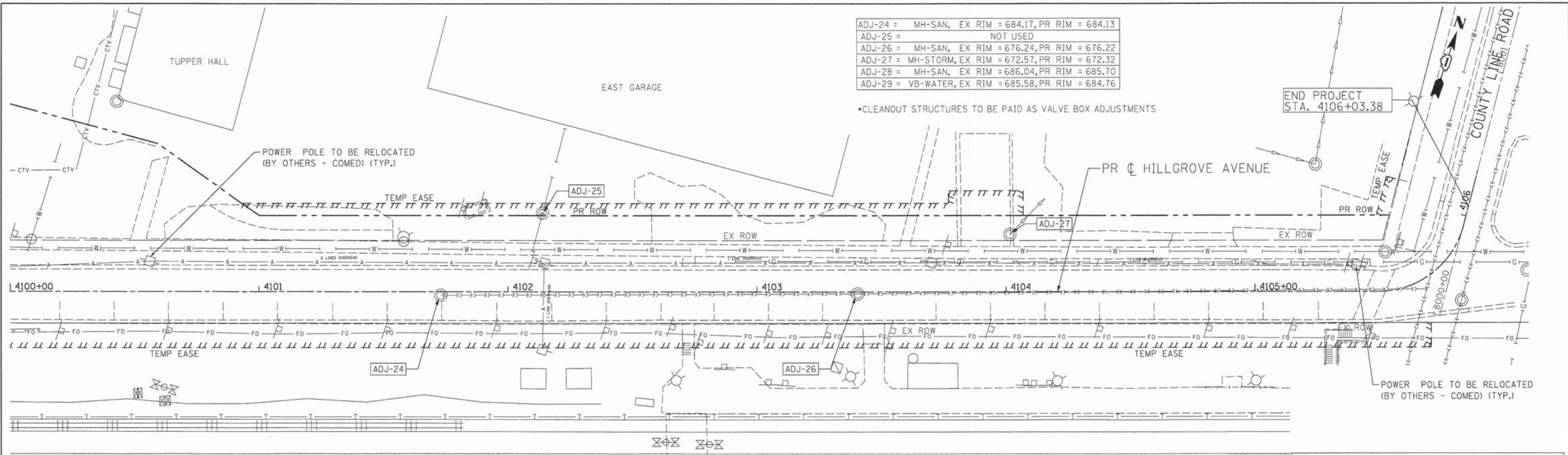
DRAINAGE & UTILITY REMOVAL PLAN
OAK STREET/COUNTY LINE ROAD

SCALE: 1"=20' SHEET NO. 2 OF 3 SHEETS STA. 10012+50 TO STA. 10015+45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	43
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 61B11		

ADJ-24 =	MH-SAN, EX RIM = 684.17, PR RIM = 684.13
ADJ-25 =	NOT USED
ADJ-26 =	MH-SAN, EX RIM = 676.24, PR RIM = 676.22
ADJ-27 =	MH-STORM, EX RIM = 672.57, PR RIM = 672.32
ADJ-28 =	MH-SAN, EX RIM = 686.04, PR RIM = 685.70
ADJ-29 =	VB-WATER, EX RIM = 685.58, PR RIM = 684.76

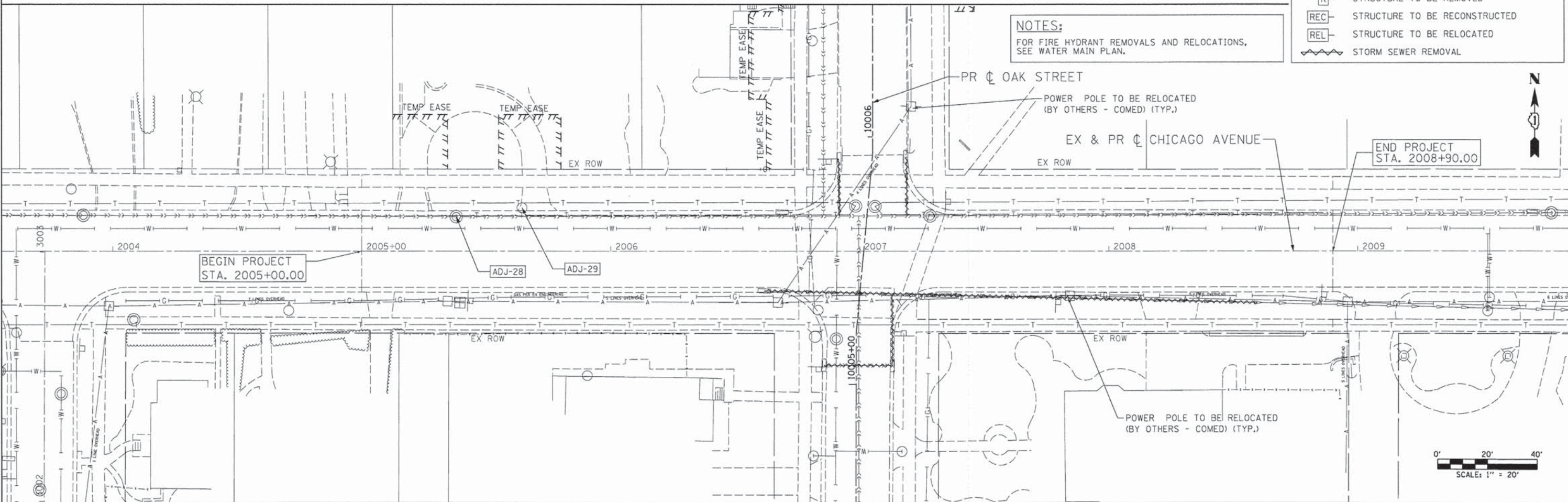
*CLEANOUT STRUCTURES TO BE PAID AS VALVE BOX ADJUSTMENTS



LEGEND:

ADJ	STRUCTURE TO BE ADJUSTED
R	STRUCTURE TO BE REMOVED
REC	STRUCTURE TO BE RECONSTRUCTED
REL	STRUCTURE TO BE RELOCATED
---	STORM SEWER REMOVAL

NOTES:
FOR FIRE HYDRANT REMOVALS AND RELOCATIONS, SEE WATER MAIN PLAN.



COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
DATE PLOTTED: 1/7/2015
FILE NAME: 032.drain03.chicago-hillgrove.dgn
PLOT DRIVER: pdf_layout
PEN TABLE: standard-trans-screen-table.tbl



USER NAME = bhar.tina
PLOT SCALE = 1"=20'
PLOT DATE = 1/7/2015

DESIGNED - TSC	REVISED -
DRAWN - DS	REVISED -
CHECKED - RD	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & UTILITY REMOVAL PLAN
HILLGROVE AVENUE/CHICAGO AVENUE**

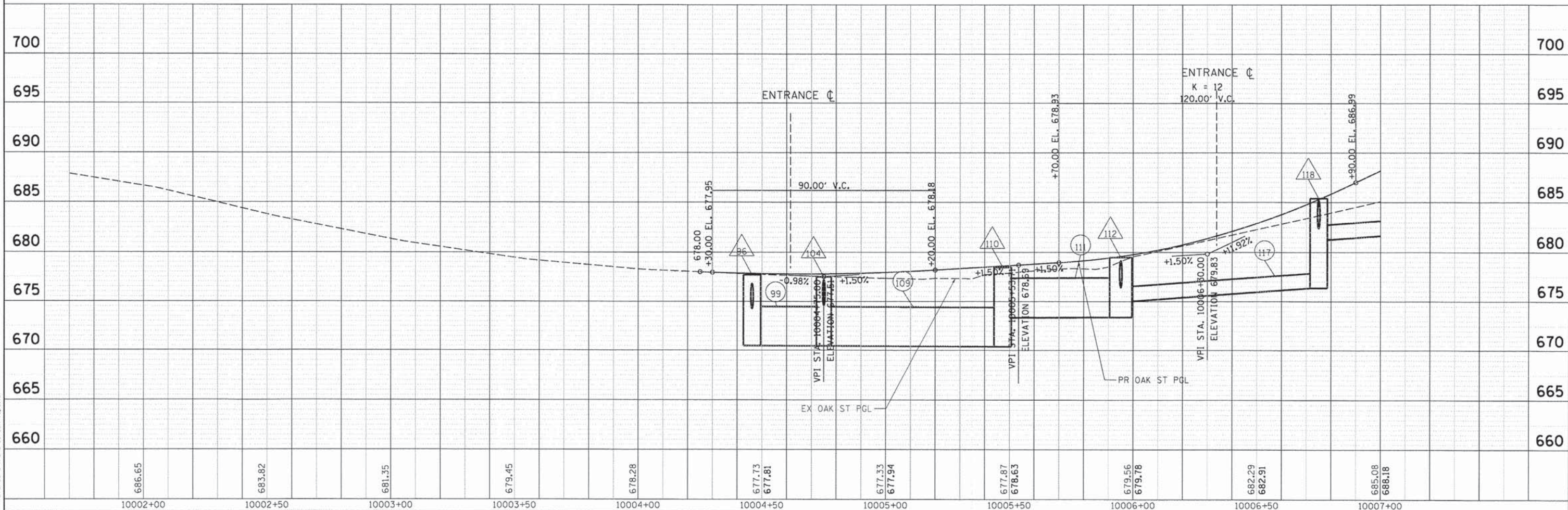
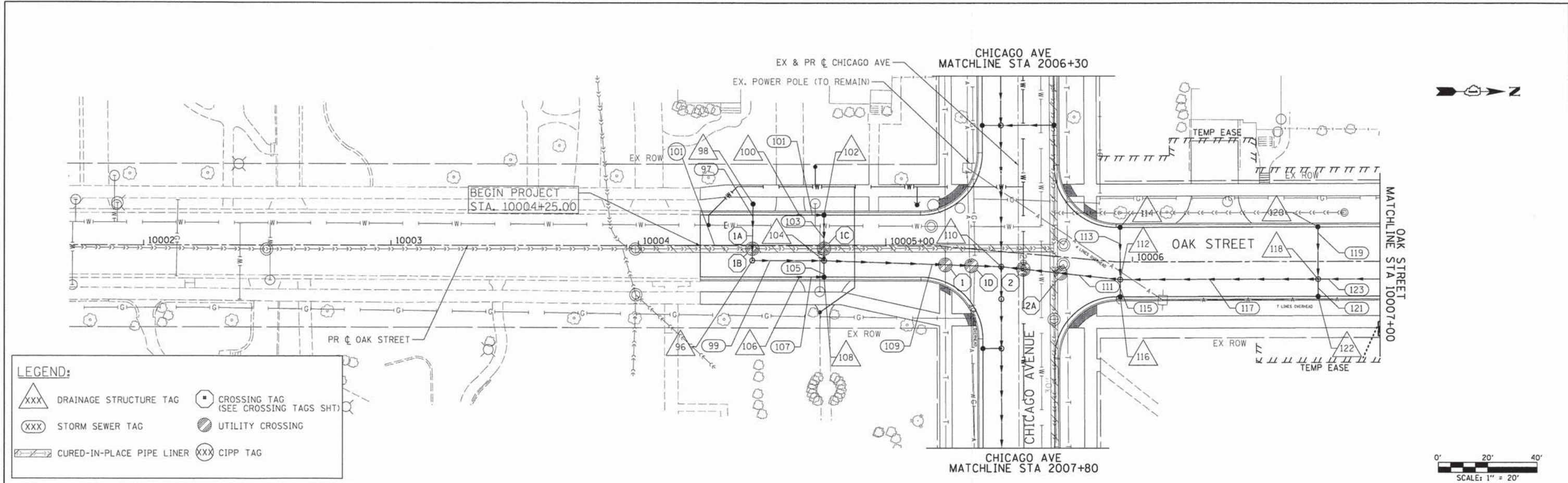
SCALE: 1"=20' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	44
CONTRACT NO. 61B11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	DATE	BY
SURVEYED		
NOTED		
NO. _____		

PROFILE	DATE	BY
SURVEYED		
NOTED		
NO. _____		

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINSDALE
 DATE PLOTTED: 1/8/2015 11:56:13 AM
 FILE NAME: 032.dku.oak-01.dgn
 PLOT DRIVER: pdf-plotter
 STANDARD: Trans-sec-01p-10p-11p

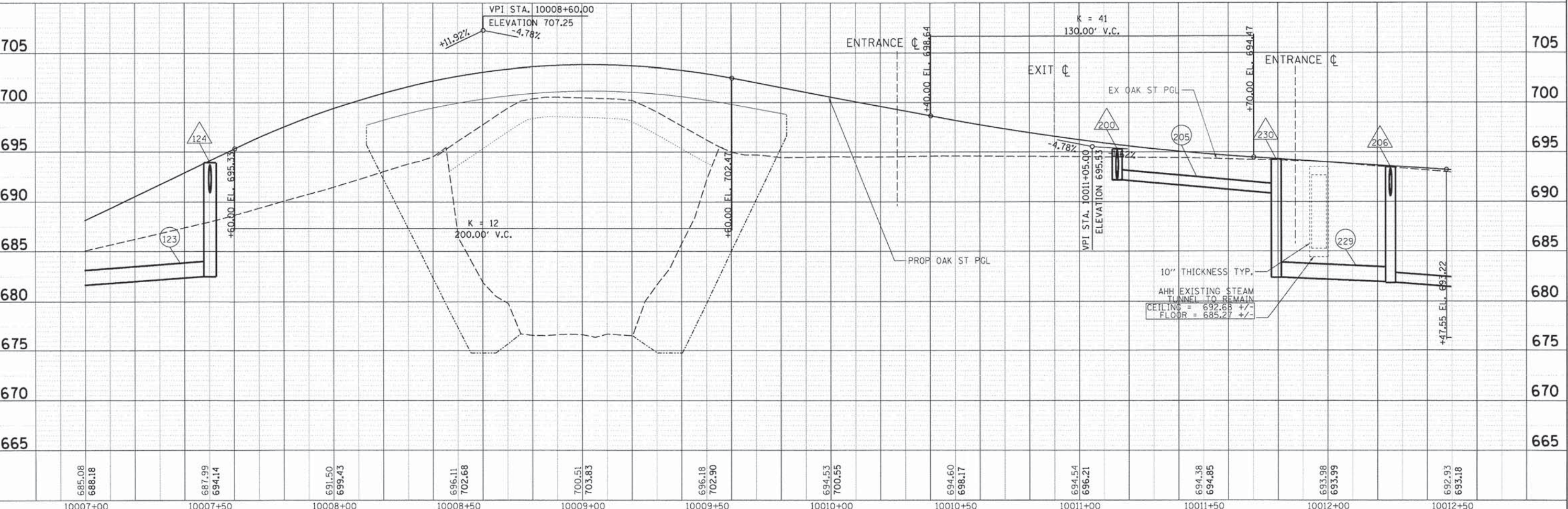
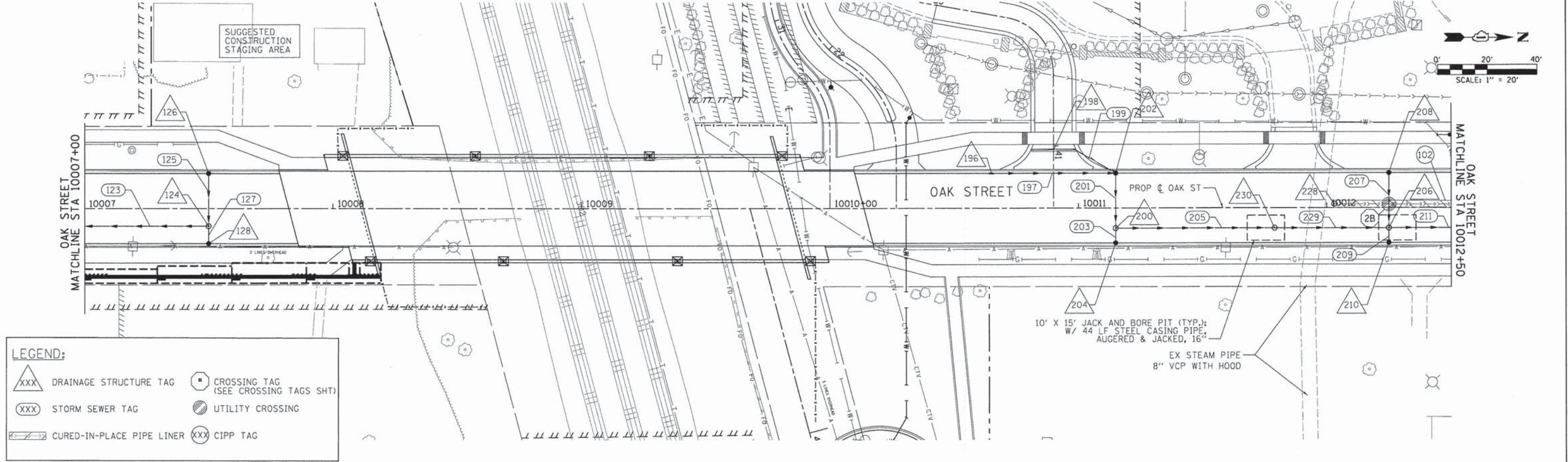


HR Green HRGreen.com Illinois Professional Design Firm # 154-001122	USER NAME = bharuna FILE NAME = 032.dku.oak-01.dgn PLOT SCALE = 1"=20' PLOT DATE = 1/8/2015	DESIGNED - TSC DRAWN - DS CHECKED - RD DATE - 1/8/15	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN OAK STREET	SCALE: 1"=20' SHEET NO. 1 OF 10 SHEETS STA. 10004+25 TO STA. 10007+00	F.A.U. RTE. 2999 SECTION 10-00089-00-BR COUNTY DUPAGE TOTAL SHEETS 157 SHEET NO. 45 CONTRACT NO. 61B11
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PLAN	DATE	BY	DATE
SURVEYED			
NOTE BOOK			
NO.			

PROFILE	DATE	BY	DATE
SURVEYED			
NOTE BOOK			
NO.			

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINDSDALE
 DATE PLOTTED: 1/7/2015 9:34:17 AM
 FILE NAME: 032-d&u-oak-02.dgn
 PLOT DRIVER: pdf-yppl
 PEN TABLE: standard-trans-screen-topo.tbl



 HRGreen	HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = bhartme	DESIGNED = TSC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN OAK STREET				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 032.d8u.oak-02.dgn	DRAWN = DS	REVISED =	2999		10-00089-00-BR	DUPAGE	157	46					
	PLOT SCALE = 1"=20'	CHECKED = RD	REVISED =	CONTRACT NO. 61B11										
	PLOT DATE = 1/7/2015	DATE = 1/7/15	REVISED =	SCALE: 1"=20'		SHEET NO. 2 OF 10 SHEETS	STA. 10007+00 TO STA. 10012+50	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT				

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = bhar-tmo	DESIGNED - TSC	REVISED -
FILE NAME = 032-d&u-oak-02.dgn	DRAWN - DS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - RD	REVISED -
PLOT DATE = 1/7/2015	DATE - 1/7/15	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN
 OAK STREET

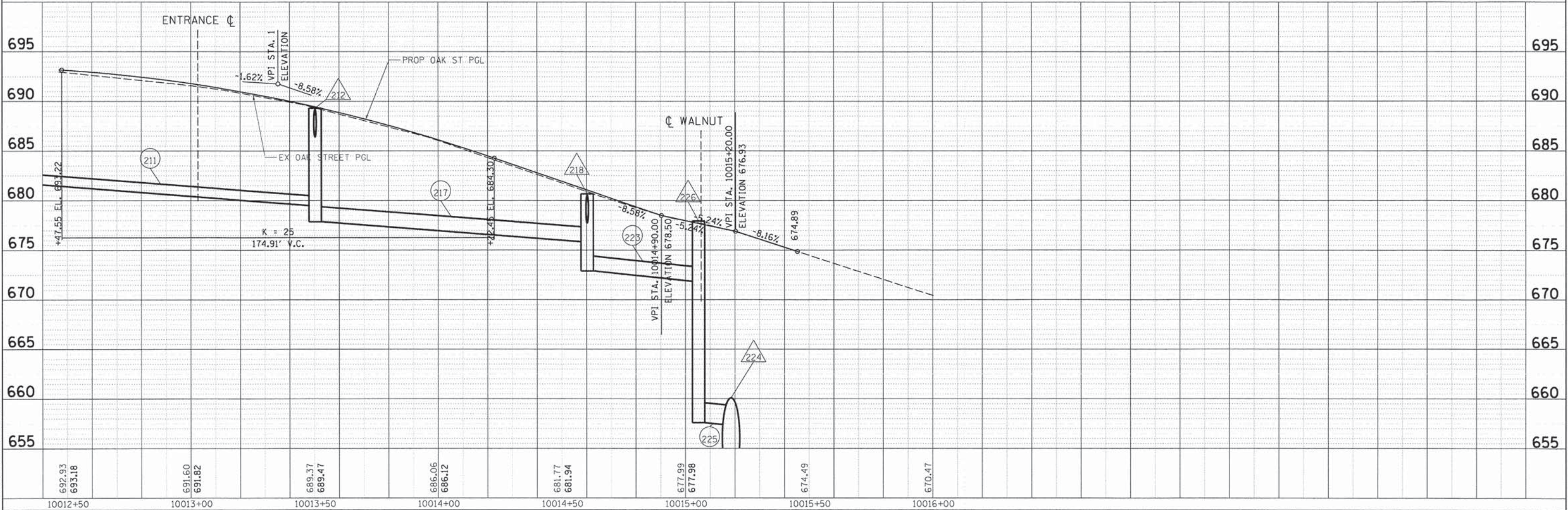
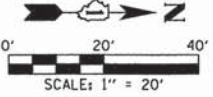
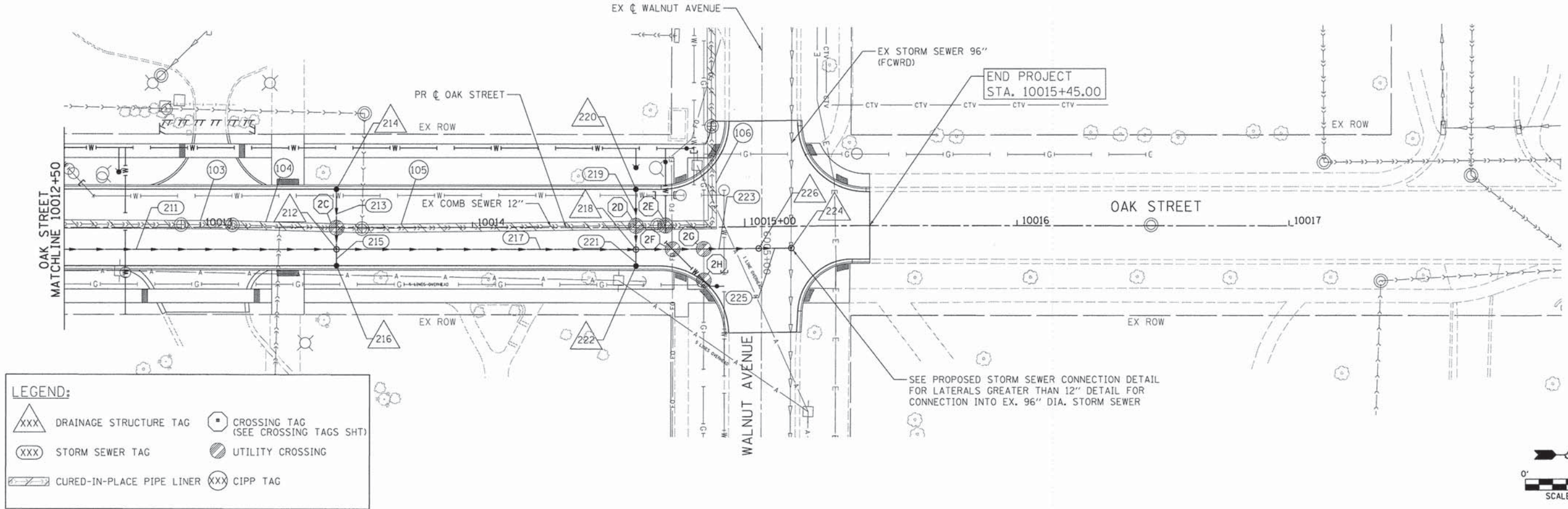
SCALE: 1"=20'	SHEET NO. 2 OF 10 SHEETS	STA. 10007+00 TO STA. 10012+50	F.A.U. RTE. 2999	SECTION 10-00089-00-BR	COUNTY DUPAGE	TOTAL SHEETS 157	SHEET NO. 46
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CONTRACT NO. 61B11

PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

COMPANY NAME: HIRGREEN
CLIENT CONTACT: VILLAGE OF HINOKALE
DATE PLOTTED: 12/11/2014 4:52:12 PM
FILE NAME: 032.dgn
PLOT DRIVER: pdf, vplot
PEN TABLE: standard-trans-screen-topo.tbl



HIRGREEN HIRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = dstoncz	DESIGNED = TSC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN OAK STREET	SCALE: 1"=20'	SHEET NO. 3 OF 10 SHEETS	STA. 10012+50 TO STA. 10015+45	F.A.U. RTE. 2999	SECTION 10-00089-00-BR	COUNTY DUPAGE	TOTAL SHEETS 157	SHEET NO. 47	CONTRACT NO. 61B11	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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	PLOT DATE = 12/11/2014	DATE = 12/11/14	REVISED =												

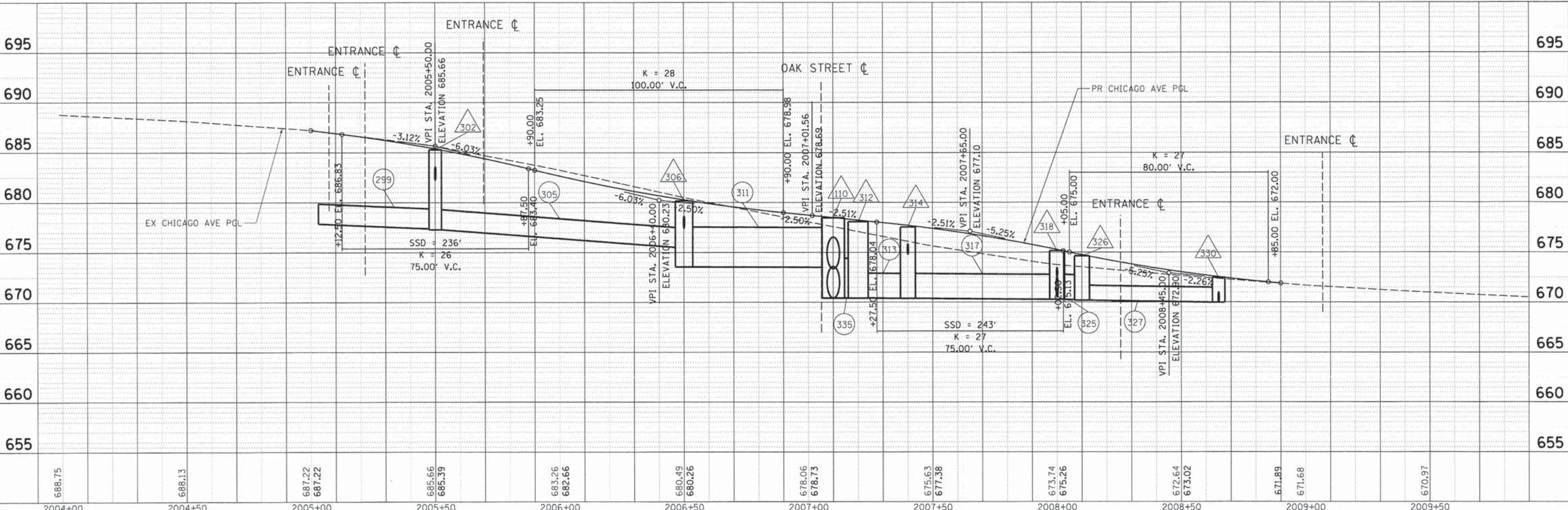
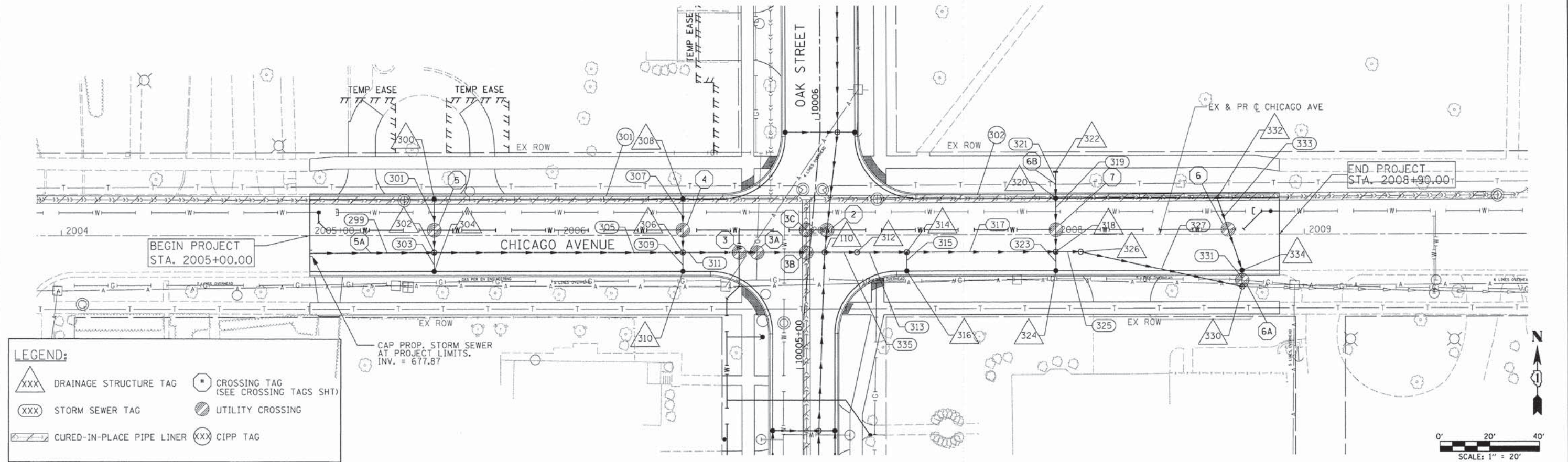
PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTES		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTES		
NO.		

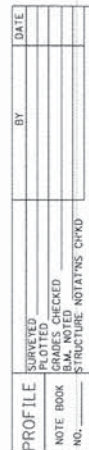
COMPANY NAME: HIRGreen
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINDSDALE
 DATE: 12/11/2014 10:51:17 PM
 FILE NAME: 032.dku.chicago.dgn
 PLOT: 12/11/2014
 PLOT: 12/11/2014
 PLOT: 12/11/2014

LEGEND:

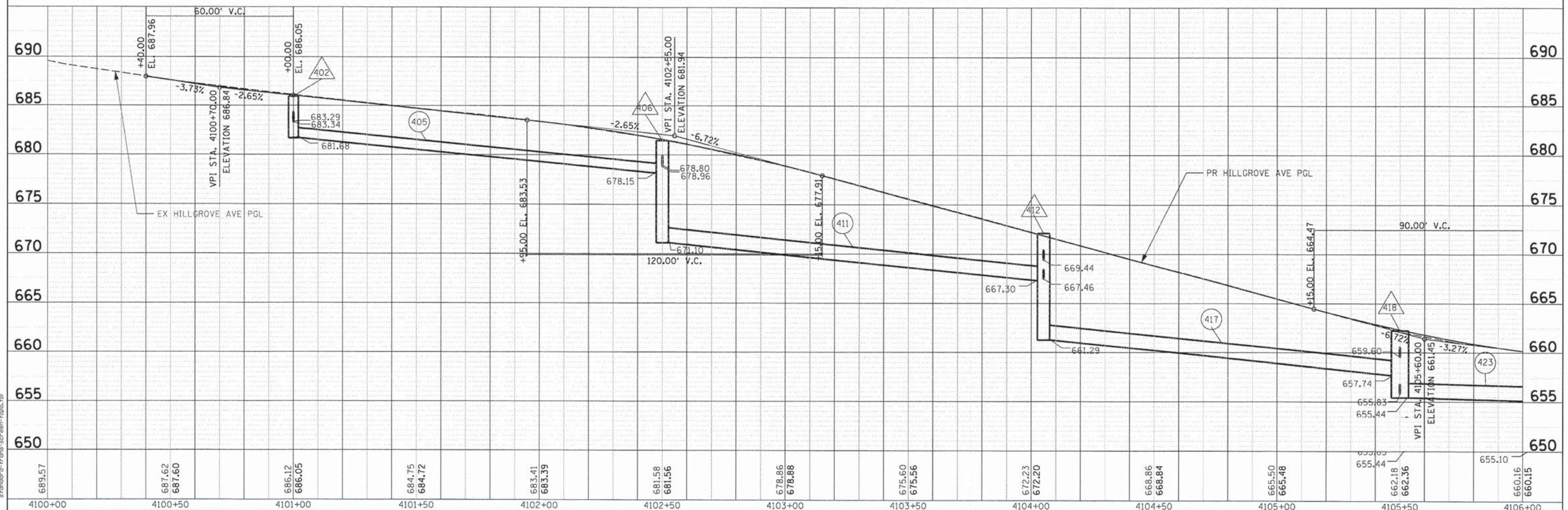
XXX DRAINAGE STRUCTURE TAG
 XXX STORM SEWER TAG
 CURED-IN-PLACE PIPE LINER
 CROSSING TAG (SEE CROSSING TAGS SHT)
 UTILITY CROSSING
 CIPP TAG



HIRGreen HIRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = dstonez FILE NAME = 032.dku.chicago.dgn PLOT SCALE = 1"=20' PLOT DATE = 12/11/2014	DESIGNED - TSC DRAWN - DS CHECKED - RD DATE - 12/11/14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN CHICAGO AVENUE SCALE: 1"=20' SHEET NO. 4 OF 10 SHEETS STA. 2005+00 TO STA. 2008+90	F.A.U. RTE. 2999 SECTION 10-00089-00-BR COUNTY DUPAGE TOTAL SHEETS 157 SHEET NO. 48 CONTRACT NO. 61B11
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COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 1/7/2015 10:18:59 AM
FILE NAME: 032_d&u_hillgrove.dgn
PLOT DRIVER: pdf_vw.plt
PEN TABLE: standard-trans-screen



USER NAME = bhartm	DESIGNED - TSC	REVISED -
FILE NAME = 032.dku_hillgrove.dgn	DRAWN - DS	REVISED -
PLOT SCALE = 1"=20'	CHECKED - RD	REVISED -
PLOT DATE = 1/7/2015	DATE - 1/7/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN HILLGROVE AVENUE

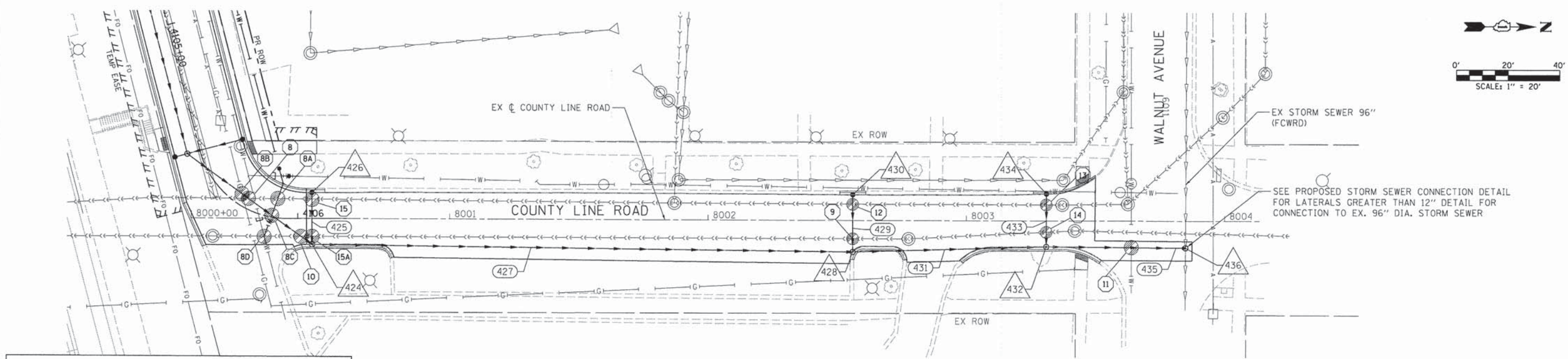
SCALE: 1"=20'	SHEET NO. 5 OF 10 SHEETS	STA. 4100+04 TO STA. 4106+10
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	49
		CONTRACT NO. 61B11		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

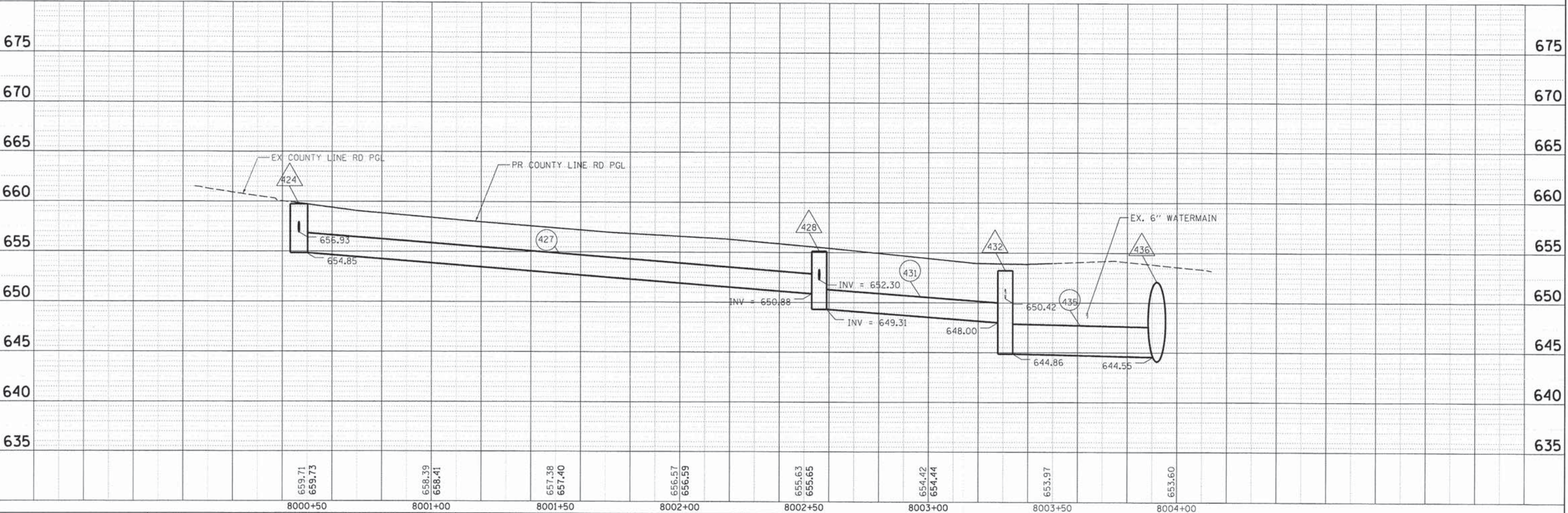
PLAN	DATE	BY
SURVEYED		
ALIGNED		
RT. OF WAY CHECKED		
NO. _____		
FILE NAME		

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

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINDSDALE
 DATE PLOTTED: 12/11/2014 15:52:06 PM
 FILE NAME: 032.dku-countyline.dgn
 PLOT DRIVER: pdf_xplot
 STANDARD: Trans-screen-topo.tbl



LEGEND:	
XXX	DRAINAGE STRUCTURE TAG
XXX	STORM SEWER TAG
XXX	CURED-IN-PLACE PIPE LINER
XXX	CIPP TAG
XXX	CROSSING TAG (SEE CROSSING TAGS SHT)
XXX	UTILITY CROSSING



	USER NAME = dstencz FILE NAME = 032.dku-countyline.dgn PLOT SCALE = 1"=20' PLOT DATE = 12/11/2014	DESIGNED - TSC DRAWN - DS CHECKED - RD DATE - 12/11/14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN COUNTY LINE ROAD	SCALE: 1"=20' SHEET NO. 6 OF 10 SHEETS STA. 8000+00 TO STA. 8003+85	F.A.U. RTE. 2999 SECTION 10-00089-00-BR COUNTY DUPAGE TOTAL SHEETS 157 SHEET NO. 50 CONTRACT NO. 61B11
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINSDALE
DATE PLOTTED: 12/11/2014 15:53:12 PM
FILE NAME: 032-dsch.dgn
PLOT DRIVER: pdf_vt.plt
PEN TABLE: standard-trans-screen-topo.tbl

LOCATION						STORM SEWERS CLASS A, TYPE 1		STORM SEWERS CLASS A, TYPE 2				STORM SEWERS CLASS B, TYPE 3	STORM SEWERS CLASS A, TYPE 4	STORM SEWERS TYPE 1, WATER MAIN QUALITY PIPE						STORM SEWERS TYPE 2, WATER MAIN QUALITY PIPE					TRENCH BACKFILL	
ID NUMBER	UPSTREAM STATION	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STATION	DOWNSTREAM STRUCTURE ID NUMBER	PIPE SLOPE	12'' (FOOT)	24'' (FOOT)	12'' (FOOT)	18'' (FOOT)	24'' (FOOT)	EQUIV. ROUND SIZE 48'' • (FOOT)	12'' (FOOT)	24'' (FOOT)	12'' (FOOT)	18'' (FOOT)	24'' (FOOT)	30'' (FOOT)	48'' (FOOT)	EQUIV. ROUND SIZE 48'' • (FOOT)	18'' (FOOT)	24'' (FOOT)	30'' (FOOT)	36'' (FOOT)	48'' (FOOT)	(CU YD)	
OAK STREET																										
97	10004+46	98	10004+46	96	0.50%									18												5.4
99	10004+46	96	10004+75	104	0.10%													22								25.7
101	10004+65	100	10004+75	102	2.00%									7												1.2
103	10004+75	102	10004+75	104	1.00%	14																				3.0
105	10004+75	108	10004+75	104	2.00%	2																				0.4
107	10004+65	106	10004+75	108	2.00%	7																				1.4
109	10004+75	104	10005+47	110	0.10%						64															104.7
111	10005+95	112	10005+47	110	0.10%														40							39.0
113	10005+95	114	10005+95	112	2.00%	18																				3.9
115	10005+95	116	10005+95	112	2.00%	4																				0.9
117	10006+75	118	10005+95	112	1.80%				74																	77.6
119	10006+75	120	10006+75	118	2.00%	19																				4.1
121	10006+75	122	10006+75	118	2.00%	5																				1.0
123	10007+50	124	10006+75	118	1.80%				70																	86.1
125	10007+50	126	10007+50	124	2.00%	19																				4.1
127	10007+50	128	10007+50	124	2.00%	5																				1.0
197	10010+65	196	10011+15	202	2.00%	48																				11.3
199	10010+90	198	10011+15	202	0.50%	18																				3.1
201	10011+15	202	10011+15	200	1.50%	22																				4.7
203	10011+15	204	10011+15	200	1.50%	4																				0.8
205	10011+15	200	10011+79	230	2.15%	61																				17.0
207	10012+25	208	10012+25	206	1.50%	22																				4.7
209	10012+25	210	10012+25	206	1.50%	4																				0.8
211	10012+25	206	10013+50	212	1.90%			122																		198.5
213	10013+50	214	10013+50	212	1.50%	22																				4.7
215	10013+50	216	10013+50	212	1.50%	4																				0.8
217	10013+50	212	10014+60	218	1.90%				105																	136.8
219	10014+60	220	10014+60	218	1.50%	22																				4.7
221	10014+60	222	10014+60	218	1.50%	4																				0.8
223	10014+60	218	10015+05	226	2.50%															41						44.4
225	10015+05	226	10015+17	224	1.50%								10													36.2
229	10011+79	230	10012+25	206	1.00%							44														78.7
SUBTOTAL OAK STREET						324	0	122	249	0	64	44	10	25	0	0	0	22	40	41	0	0	0	0		907
CHICAGO AVENUE																										
299			2005+50	302	1.00%																48					69.9
301	2005+50	300	2005+50	302	2.00%									19												4.1
303	2005+50	304	2005+50	302	2.00%	5																				1.3
305	2005+50	302	2006+50	306	1.90%																94					94.8
307	2006+50	308	2006+50	306	2.00%									18												6.1
309	2006+50	310	2006+50	306	2.00%	4																				0.8
311	2006+50	306	10005+47	110	0.10%														49							51.0
313	2007+20	312	2007+40	314	0.20%																	13				16.2
315	2007+40	316	2007+40	314	2.00%	5																				1.0
317	2007+40	314	2008+00	318	0.20%																					50.3
319	2008+00	320	2008+00	318	0.50%												18					54				12.3
321	2008+00	322	2008+00	320	0.50%		7																			2.9
323	2008+00	324	2008+00	318	2.00%	5																				1.0
325	2008+00	318	2008+10	326	1.00%												3									1.8
327	2008+10	326	2008+65	330	0.33%										60											38.8
331	2008+75	334	2008+65	330	0.22%	2																				0.3
333	2008+75	332	2008+75	334	0.45%									31												

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREED, P.E.
CLIENT: VILLAGE OF HINGSDALE
DATE: 12/11/2014
FILE NAME: 10-00089-00-BR
PLOT DRIVER: pdf2400.dgn
PEN TABLE: standard-trans-screen-topo.tbl



HRGreen.com
Illinois Professional Design Firm
#184-001322

USER NAME = dstancz	DESIGNED - TSC	REVISED -
	DRAWN - DS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 12/11/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURED-IN-PLACE PIPE LINER SCHEDULE

SCALE: N.T.S. SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	53
CONTRACT NO.			61B11	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LOCATION							CURED-IN-PLACE PIPE LINER			
ID NUMBER	UPSTREAM STATION			DOWNSTREAM STATION			10" (FOOT)	12" (FOOT)	24" (FOOT)	30" (FOOT)
OAK STREET										
101	10003+98.8			10005+67.7					169	
102	10012+02.9			10012+93.0				90		
103	10012+93.0			10013+11.8				19		
104	10013+11.8			10013+59.4				48		
105	10013+59.4			10014+68.0				109		
106	10014+68.0			10014+88.3				56		
107•	10014+88.3	36.8	LT	10014+89.2	144.4	LT		108		
108•	10014+89.2	144.4	LT	10015+24.2	143.7	LT		35		
109•	10015+24.2	143.7	LT	10015+27.2	229.4	LT		86		
110•	10015+27.2	229.4	LT	10015+36.8	300.2	LT		72		
•ADDITIONAL CIPP LINING NOT SHOWN ON PLANS										
NOTE: REMOVAL OF CONCRETE WASHOUT LOCATED AT ID 108 - STA 10014+94.2 TO STA 10015+03.2, INCLUDED IN COST OF CIPP LINER										
SUBTOTAL OAK STREET							0	623	169	0
CHICAGO AVENUE										
301	2005+38.0			2007+28.2			190			
302	2007+28.2			2009+77.9						250
303•	2003+88.1			2005+38.0			150			
304•	2002+05.7			2003+88.1			183			
305•	2000+81.2			2002+05.7			125			
•ADDITIONAL CIPP LINING NOT SHOWN ON PLANS										
SUBTOTAL CHICAGO AVENUE							648	0	0	250
HILLGROVE AVENUE & COUNTY LINE ROAD										
401	4101+73.0			4103+40.4				167		
402	4103+40.4			4105+67.9				229		
SUBTOTAL HILLGROVE AVENUE							0	396	0	0
TOTAL							648	1019	169	250

CROSSING TAGS

1A STA 10004+32 TO STA 10004+55
HORIZONTAL AND VERTICAL CLEARANCES
NOT ACHIEVED. CONTRACTOR SHALL PRESSURE
TEST STORM SEWER TO MAXIMUM EXPECTED
SURCHARGE HEAD BEFORE BACKFILLING.
ACTION = INSTALL WATER QUALITY
STORM SEWER PIPE

1B STORM SEWER TAG 97
BOP = 674.13
EXISTING SANITARY SEWER
TOP = 673.91 (FIELD VERIFY)
VERT SEP = 0.22'

1C STORM SEWER TAG 103
BOP = 674.49
EXISTING SANITARY SEWER
TOP = 673.49 (FIELD VERIFY)
VERT SEP = 1.00'

1D EXISTING GAS MAIN
BOP = 672.57
STORM SEWER TAG 109
TOP = 674.04
VERT SEP = -

ACTION = GAS MAIN TO BE RELOCATED
BY NICOR

1 EXISTING TELEPHONE MULTI-CONCRETE DUCT
BOP = 673.14 (ASSUMED 58" BURY DEPTH)
STORM SEWER TAG 109
TOP = 674.05
VERT SEP = -

ACTION = TELEPHONE DUCT TO BE RELOCATED
BY AT&T

2 STORM SEWER TAG 111
BOP = 672.90
WATER MAIN TAG 40
TOP = 668.66
VERT SEP = 4.24'
ACTION = LOWER WATER MAIN AND
INSTALL WATER QUALITY STORM SEWER PIPE

2A STORM SEWER TAG 111
BOP = 672.91
EXISTING SANITARY SEWER
TOP = 672.02 (FIELD VERIFY)
VERT SEP = 0.89'

EXISTING TELEPHONE MULTI-CONCRETE DUCT
BOP = 676.43 (ASSUMED 30" BURY DEPTH)
STORM SEWER TAG 111
TOP = 676.99
VERT SEP = -

ACTION = TELEPHONE DUCT TO BE RELOCATED
BY AT&T

EXISTING TELEPHONE MULTI-TILED DUCT
BOP = 676.43 (ASSUMED 30" BURY DEPTH)
STORM SEWER TAG 111
TOP = 676.99
VERT SEP = -

ACTION = TELEPHONE DUCT TO BE RELOCATED
BY AT&T

2B STORM SEWER TAG 207
BOP = 690.52
EXISTING SANITARY SEWER
TOP = 686.22 (FIELD VERIFY)
VERT SEP = 4.30'

2C STORM SEWER TAG 213
BOP = 685.52
EXISTING SANITARY SEWER
TOP = 682.79
VERT SEP = 2.73'

2D STORM SEWER TAG 219
BOP = 677.17
EXISTING SANITARY SEWER
TOP = 674.63
VERT SEP = 2.53'

2E EXISTING SANITARY SEWER
BOP = 672.82
WATER MAIN TAG 16
TOP = 671.32
VERT SEP = 1.50'
ACTION = LOWER WATER MAIN AND
INSTALL 21 LF STEEL CASINGS 10"

2F STORM SEWER TAG 223
BOP = 672.44
WATER MAIN TAG 16
TOP = 670.94
VERT SEP = 1.50'
ACTION = LOWER WATER MAIN AND
INSTALL WATER QUALITY STORM SEWER PIPE

EXISTING TELEPHONE FIBER OPTIC
BOP = 676.03
STORM SEWER TAG 223
TOP = 674.36
VERT SEP = 1.67'
ACTION = N/A

2G EXISTING GAS MAIN
BOP = 675.50
STORM SEWER TAG 223
TOP = 674.10
VERT SEP = 1.40'

2H EXISTING GAS MAIN
BOP = 675.50
WATER MAIN TAG 16
TOP = 675.00
VERT SEP = 0.50'

3 STORM SEWER TAG 311
BOP = 673.07
WATER MAIN TAG 1C
TOP = 671.57
VERT SEP = 1.50'
ACTION = LOWER WATER MAIN AND
INSTALL WATER QUALITY STORM SEWER PIPE

3A EXISTING GAS MAIN
BOP = 676.12
STORM SEWER TAG 311
TOP = 677.15
VERT SEP = -

ACTION = GAS MAIN TO BE RELOCATED
BY NICOR

3B STORM SEWER TAG 311
BOP = 673.04
EXISTING SANITARY SEWER
TOP = 672.45 (FIELD VERIFY)
VERT SEP = 0.59'

3C EXISTING SANITARY SEWER
BOP = 670.16
WATER MAIN TAG 40
TOP = 668.66
VERT SEP = 1.50'
ACTION = LOWER WATER MAIN AND
INSTALL 22 LF STEEL CASINGS 8"

4 STORM SEWER TAG 307
BOP = 677.56
WATER MAIN TAG 40
TOP = 675.29
VERT SEP = 2.27'
ACTION = INSTALL WATER QUALITY
STORM SEWER PIPE

5 STORM SEWER TAG 301
BOP = 682.25
WATER MAIN TAG 40
TOP = 680.36
VERT SEP = 1.89'
ACTION = INSTALL WATER QUALITY
STORM SEWER PIPE

5A STA 2005+00 TO STA 2008+76
HORIZONTAL AND VERTICAL CLEARANCES
NOT ACHIEVED. CONTRACTOR SHALL PRESSURE
TEST STORM SEWER TO MAXIMUM EXPECTED
SURCHARGE HEAD BEFORE BACKFILLING.
ACTION = INSTALL WATER QUALITY
STORM SEWER PIPE

6 STORM SEWER TAG 333
BOP = 669.92
WATER MAIN TAG 40
TOP = 667.37
VERT SEP = 2.54'
ACTION = INSTALL WATER QUALITY
STORM SEWER PIPE

6A STORM SEWER TAG 331
BOP = 669.84
EXISTING GAS MAIN
TOP = 669.95
VERT SEP = -0.11'
ACTION = GAS MAIN TO BE RELOCATED
BY NICOR

6B EXISTING TELEPHONE MULTI-CONCRETE DUCT
BOP = 672.49 (ASSUMED 30" BURY DEPTH)
STORM SEWER TAG 321
TOP = 672.95
VERT SEP = -

ACTION = TELEPHONE DUCT TO BE RELOCATED
BY AT&T

7 STORM SEWER TAG 319
BOP = 670.27
WATER MAIN TAG 40
TOP = 668.77
VERT SEP = 1.50'
ACTION = LOWER WATER MAIN AND
INSTALL WATER QUALITY STORM SEWER PIPE

7A STORM SEWER TAG 407
BOP = 678.82
EXISTING SANITARY SEWER
TOP = 675.00
VERT SEP = 3.81'

7B STORM SEWER TAG 413
BOP = 667.33
EXISTING SANITARY SEWER
TOP = 666.60
VERT SEP = 0.73'

7C EXISTING GAS MAIN
BOP = 669.85
STORM SEWER TAG 413
TOP = 668.84
VERT SEP = 1.00'

7D EXISTING SANITARY SEWER
BOP = 657.54
STORM SEWER TAG 419
TOP = 657.04
VERT SEP = 0.50'

7E EXISTING GAS MAIN
BOP = 659.93
STORM SEWER TAG 419
TOP = 657.28
VERT SEP = 2.64'

7F EXISTING STORM SEWER
BOP = 669.04 (FIELD VERIFY)
WATER MAIN TAG 20
TOP = 667.25
VERT SEP = 1.79'
ACTION = INSTALL 21 LF STEEL CASINGS 12"

7G EXISTING SANITARY SEWER
BOP = 659.68
STORM SEWER TAG 423
TOP = 657.07
VERT SEP = 2.61'

8 STORM SEWER TAG 423
BOP = 655.04
EXISTING SANITARY SEWER
TOP = 646.69
VERT SEP = 8.35'

8A WATER MAIN TAG 20
BOP = 654.15
EXISTING SANITARY SEWER
TOP = 646.74
VERT SEP = 7.41'

8B EXISTING GAS MAIN
BOP = 657.99
STORM SEWER TAG 423
TOP = 656.98
VERT SEP = 1.00'

8C STORM SEWER TAG 423
BOP = 654.99
WATER MAIN TAG 20
TOP = 653.49
VERT SEP = 1.50'
ACTION = LOWER WATER MAIN AND
INSTALL WATER QUALITY STORM SEWER PIPE

8D WATER MAIN TAG 20
BOP = 654.52
EXISTING SANITARY SEWER
TOP = 638.20 (FIELD VERIFY)
VERT SEP = 16.32'

9 STORM SEWER TAG 429
BOP = 652.16
EXISTING SANITARY SEWER
TOP = 639.24 (FIELD VERIFY)
VERT SEP = 12.92'

10 STORM SEWER TAG 423
BOP = 654.91
EXISTING SANITARY SEWER
TOP = 638.67 (FIELD VERIFY)
VERT SEP = 16.24'

11 EXISTING WATER MAIN
BOP = 648.49
STORM SEWER TAG 435
TOP = 647.99
VERT SEP = 0.50'
ACTION = INSTALL WATER QUALITY
STORM SEWER PIPE. VERTICAL CLEARANCE NOT
ACHIEVED. CONTRACTOR SHALL PRESSURE TEST
STORM SEWER TO MAXIMUM EXPECTED SURCHARGE
HEAD BEFORE BACKFILLING.

12 STORM SEWER TAG 429
BOP = 652.37
EXISTING SANITARY SEWER
TOP = 647.59
VERT SEP = 4.78'

13 STORM SEWER TAG 433
BOP = 650.45
EXISTING SANITARY SEWER
TOP = 647.71
VERT SEP = 2.74'

14 STORM SEWER TAG 433
BOP = 650.29
EXISTING SANITARY SEWER
TOP = 639.48
VERT SEP = 10.81'

15 STORM SEWER TAG 425
BOP = 656.98
EXISTING SANITARY SEWER
TOP = 646.80
VERT SEP = 10.18'

15A STORM SEWER TAG 425
BOP = 656.76
EXISTING SANITARY SEWER
TOP = 638.73 (FIELD VERIFY)
VERT SEP = 18.03'

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF WINDSOR
DATE PLOTTED: 1/8/2015 11:55:19 AM
FILE NAME: 032.conf.dgn
PLOT DRIVER: pdf.ywcalt
PEN TABLE: standard-tron-screens-fopto.tbl



USER NAME = bhartma
PLOT SCALE = N.T.S.
PLOT DATE = 1/8/2015

DESIGNED - TSC
DRAWN - DS
CHECKED - RD
DATE -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSSING TAGS

SCALE: N.T.S. SHEET NO. 10 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	54
CONTRACT NO.			61B11	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	DATE	BY
SURVEYED		
ALLOTTED		
NOTED		
NO.		

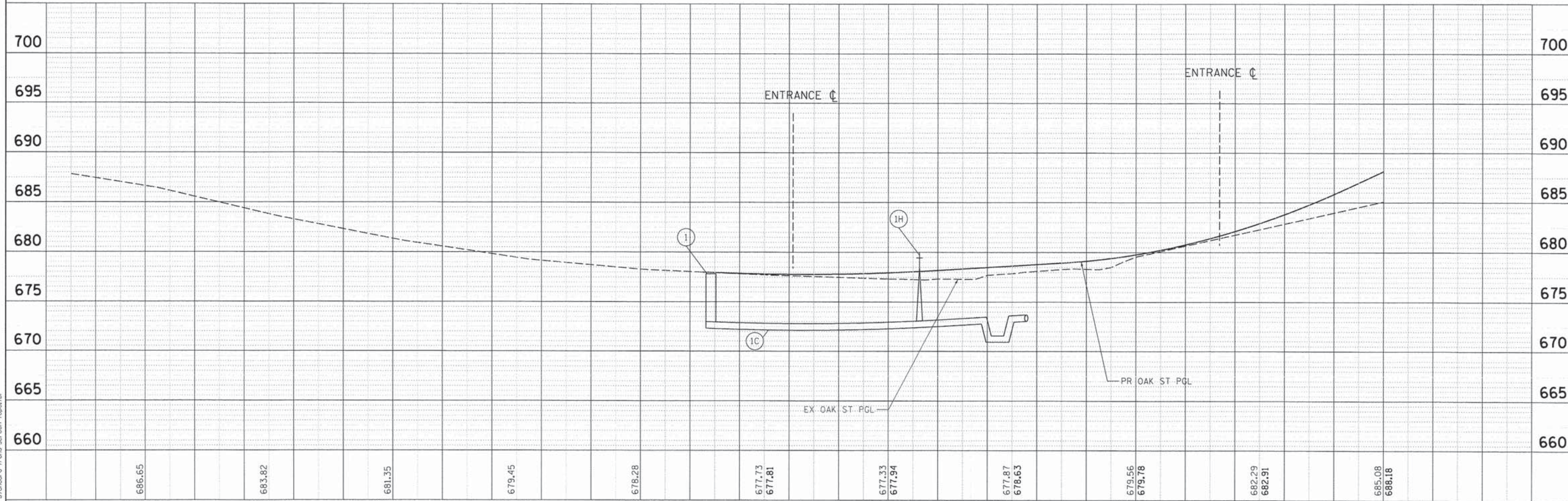
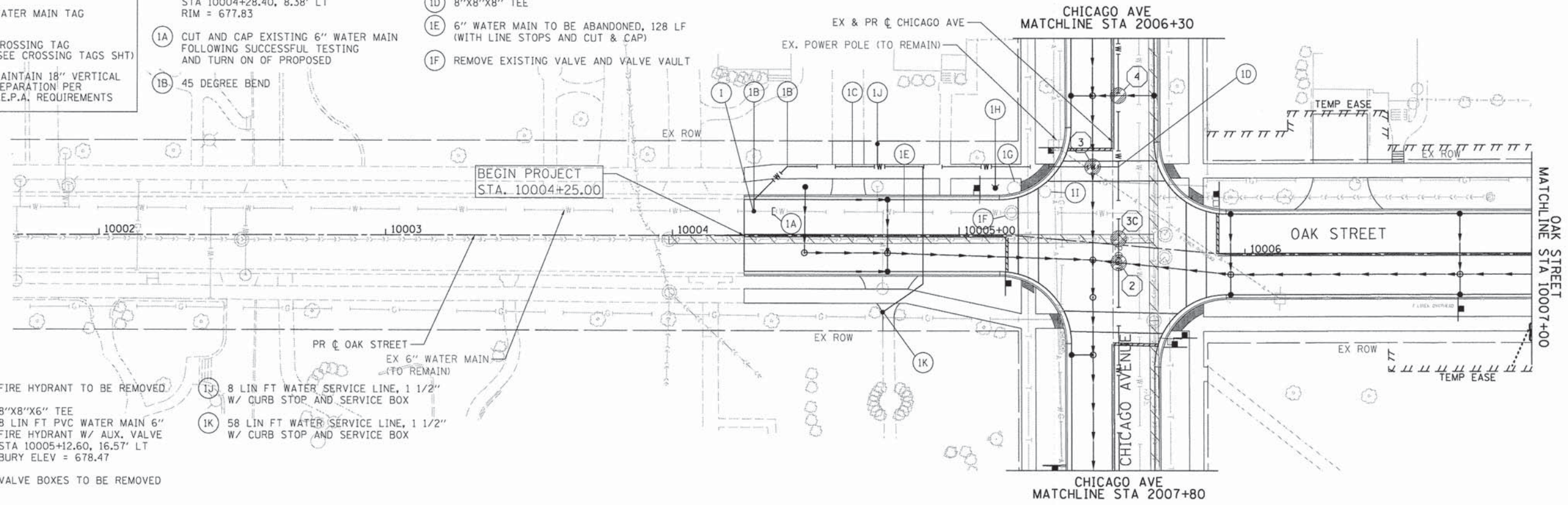
PROFILE	DATE	BY
SURVEYED		
ALLOTTED		
NOTED		
NO.		

COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CROUCH, P.E.
 CLIENT: VILLAGE OF HINDSBURG
 DATE PLOTTED: 12/15/2014 4:00:38 PM
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 PLOT DRIVER: pdf, vplot
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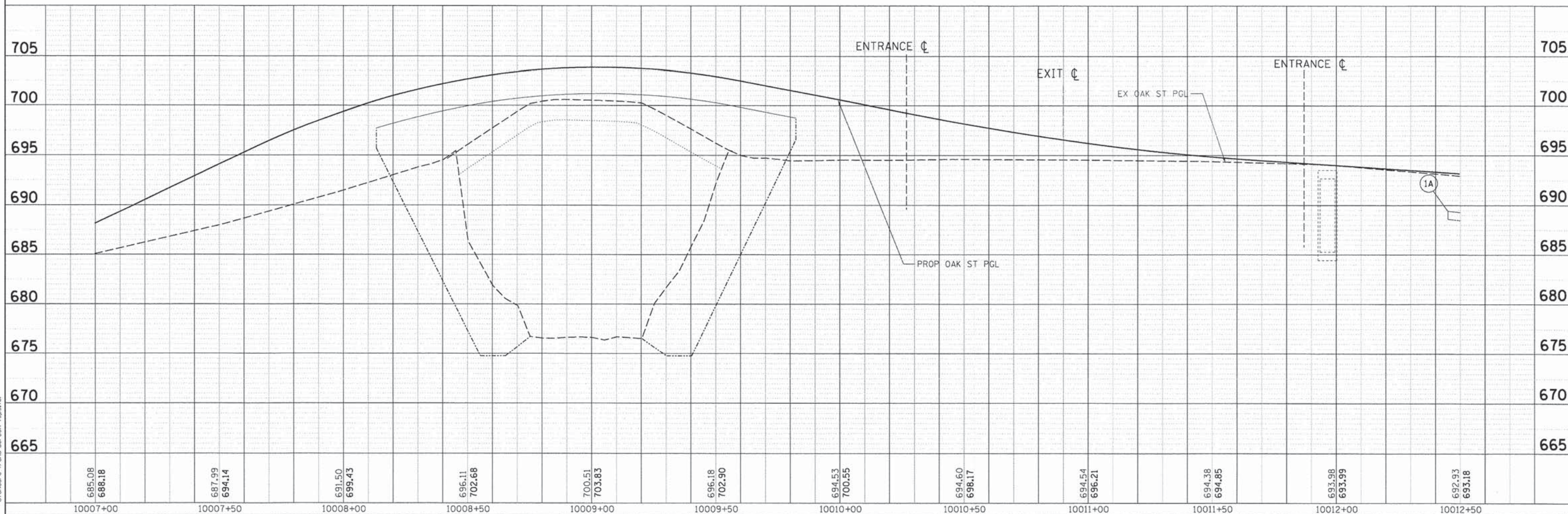
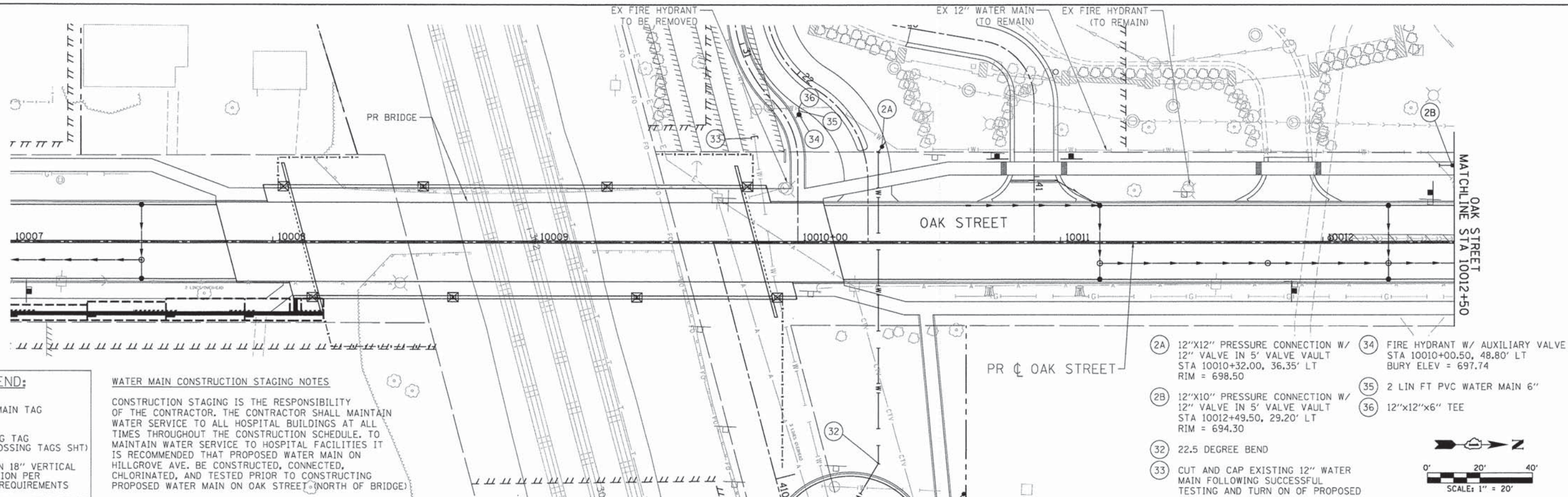
- LEGEND:**
- WATER MAIN TAG
 - CROSSING TAG (SEE CROSSING TAGS SHT)
 - MAINTAIN 18" VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS

- 1 8"x6" PRESSURE CONNECTION W/ 8" VALVE IN 4' VALVE VAULT STA 10004+28.40, 8.38' LT RIM = 677.83
- 1A CUT AND CAP EXISTING 6" WATER MAIN FOLLOWING SUCCESSFUL TESTING AND TURN ON OF PROPOSED
- 1B 45 DEGREE BEND
- 1C 136 LIN FT PVC WATER MAIN 8"
- 1D 8"x8"x8" TEE
- 1E 6" WATER MAIN TO BE ABANDONED, 128 LF (WITH LINE STOPS AND CUT & CAP)
- 1F REMOVE EXISTING VALVE AND VALVE VAULT

- 1G FIRE HYDRANT TO BE REMOVED
- 1H 8"x8"x6" TEE 8 LIN FT PVC WATER MAIN 6" FIRE HYDRANT W/ AUX. VALVE STA 10005+12.60, 16.57' LT BURY ELEV = 678.47
- 1I VALVE BOXES TO BE REMOVED
- 1J 8 LIN FT WATER SERVICE LINE, 1 1/2" W/ CURB STOP AND SERVICE BOX
- 1K 58 LIN FT WATER SERVICE LINE, 1 1/2" W/ CURB STOP AND SERVICE BOX



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



 HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = bhartha	DESIGNED - TSC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN PLAN & PROFILE OAK STREET				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 032_wtr_oak-02.dgn	DRAWN - DS	REVISED -						2999	10-00089-00-BR	DUPAGE	157	56
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	PLOT DATE = 1/7/2015	DATE - 1/7/15	REVISED -		SCALE: 1"=20'	SHEET NO. 2 OF 5 SHEETS	STA. 10007+00 TO STA. 10012+50	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

PLAN	DATE
BY	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY	
CADD FILE NAME	

PROFILE	DATE
BY	
SURVEYED	
GRADES	
CHECKED	
STRUCTURE	
NOTATIONS	

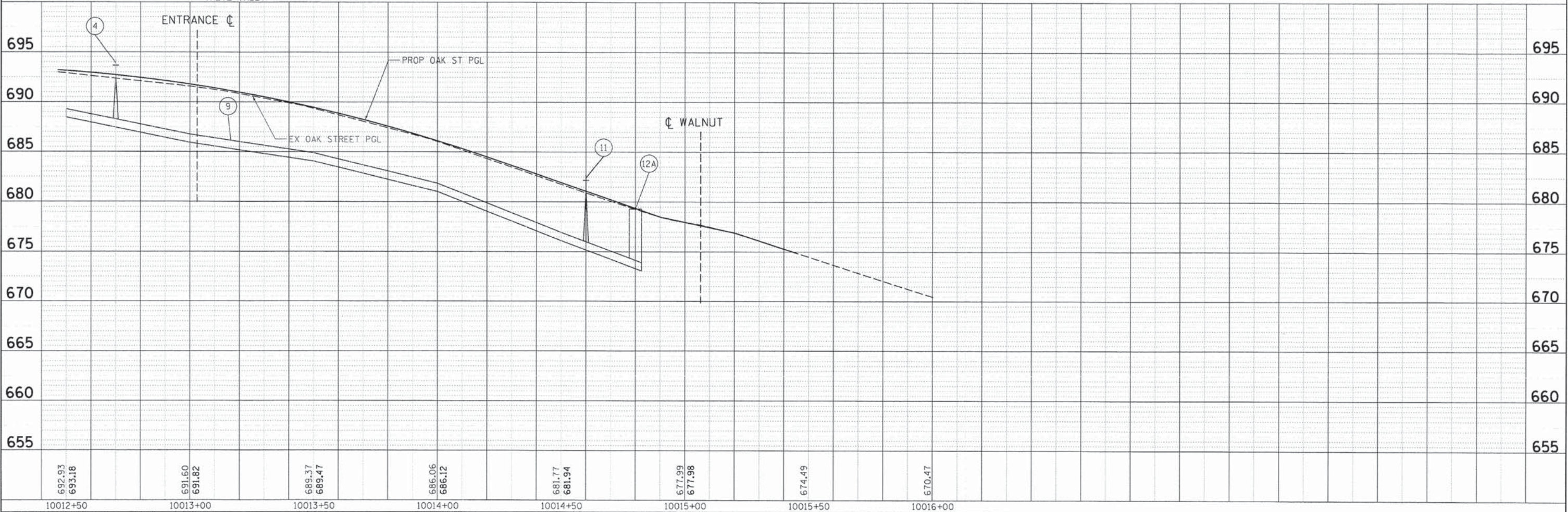
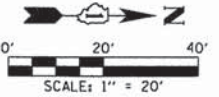
COMPANY NAME:	HR GREEN
PROJECT CONTACT:	T. SCOTT CRECH, P.E.
CLIENT:	VILLAGE OF HINGSDALE
DATE PLOTTED:	12/15/2014 4:00:49 PM
FILE NAME:	032-wr-oak-03.dgn
PLOT DRIVER:	pdf_xvalf
PEN TABLE:	standard-trans-screen-topo.tbl

LEGEND:

- WATER MAIN TAG
- CROSSING TAG (SEE CROSSING TAGS SHT)
- MAINTAIN 18" VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS

- 2 10"x10"x6" TEE
- 3 9 LIN FT PVC WATER MAIN 6"
- 4 FIRE HYDRANT W/ AUXILIARY VALVE STA 10012+70.00, 20.50' LT BURY ELEV = 692.70
- 4A 61 LIN FT WATER SERVICE LINE, 2" (W/ CURB STOP AND SERVICE BOX)
- 5 FIRE HYDRANT TO BE REMOVED
- 6 REMOVE EXISTING VALVE AND VALVE VAULT
- 7 CUT AND CAP EXISTING 8" WATER MAIN FOLLOWING SUCCESSFUL TESTING AND TURN ON OF PROPOSED
- 7A CUT AND CAP EXISTING 4" WATER MAIN FOLLOWING SUCCESSFUL TESTING AND TURN ON OF PROPOSED
- 8 8" WATER MAIN TO BE ABANDONED, 247 LF (WITH LINE STOPS AND CUT & CAP)
- 9 237 LIN FT PVC WATER MAIN 10"

- 10 7 LIN FT PVC WATER MAIN 6"
- 11 FIRE HYDRANT W/ AUXILIARY VALVE STA 10014+60.00, 22.10' LT BURY ELEV = 681.20
- 12 10"x10" PRESSURE CONNECTION W/ 10" VALVE IN 4' VALVE VAULT STA 10014+71.20, 24.00' LT RIM = 680.30
- 12A 10"x8" PRESSURE CONNECTION W/ 10" VALVE IN 4' VALVE VAULT STA 10014+80.00, 28.90' LT RIM = 679.30
- 12B 10"x4" PRESSURE CONNECTION W/ 10" VALVE IN 4' VALVE VAULT STA 10014+90.00, 21.80' RT RIM = 678.20
- 13 10"x8"x8" TEE
- 14 10"x10"x10" TEE
- 15 45 DEGREE BEND
- 16 63 LIN FT PVC WATER MAIN 10"
- 17 10"x4"x4" TEE
- 17A 4" WATER MAIN TO BE ABANDONED, 30 LF (WITH LINE STOPS AND CUT & CAP)



HRGreen.com
Illinois Professional Design Firm
#184-001322

USER NAME = dstancz	DESIGNED = TSC	REVISED =
FILE NAME = 032-wr-oak-03.dgn	DRAWN = DS	REVISED =
PLOT SCALE = 1"=20'	CHECKED = RD	REVISED =
PLOT DATE = 12/15/2014	DATE = 12/15/14	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN PLAN & PROFILE
OAK STREET

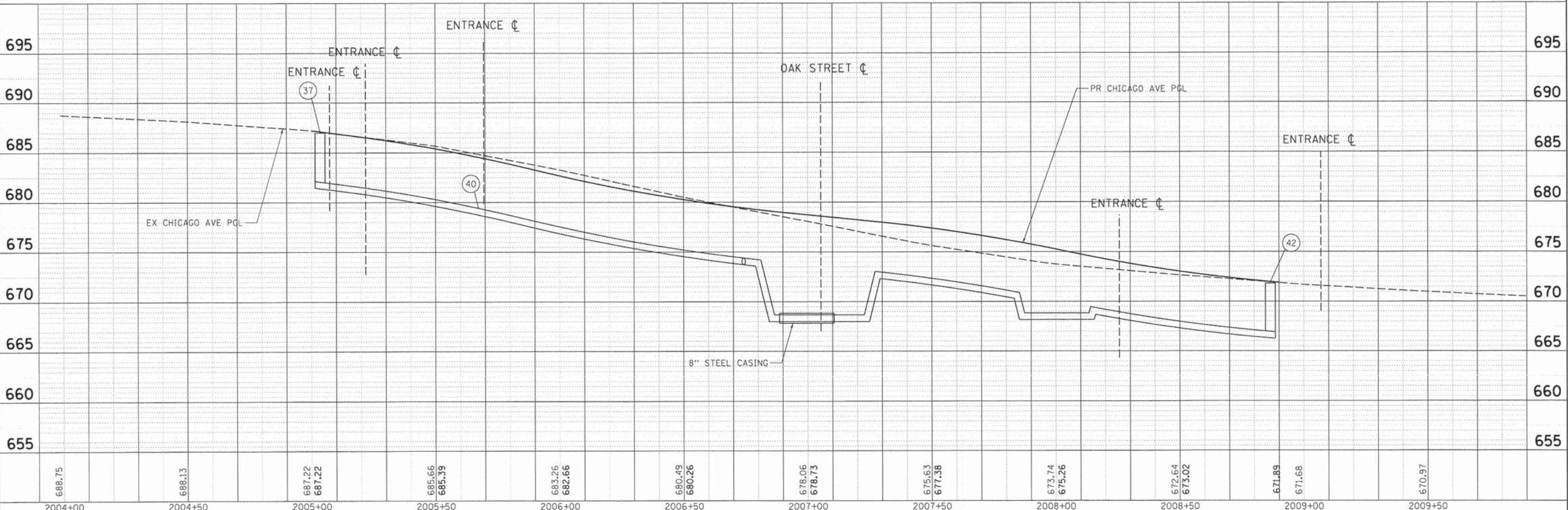
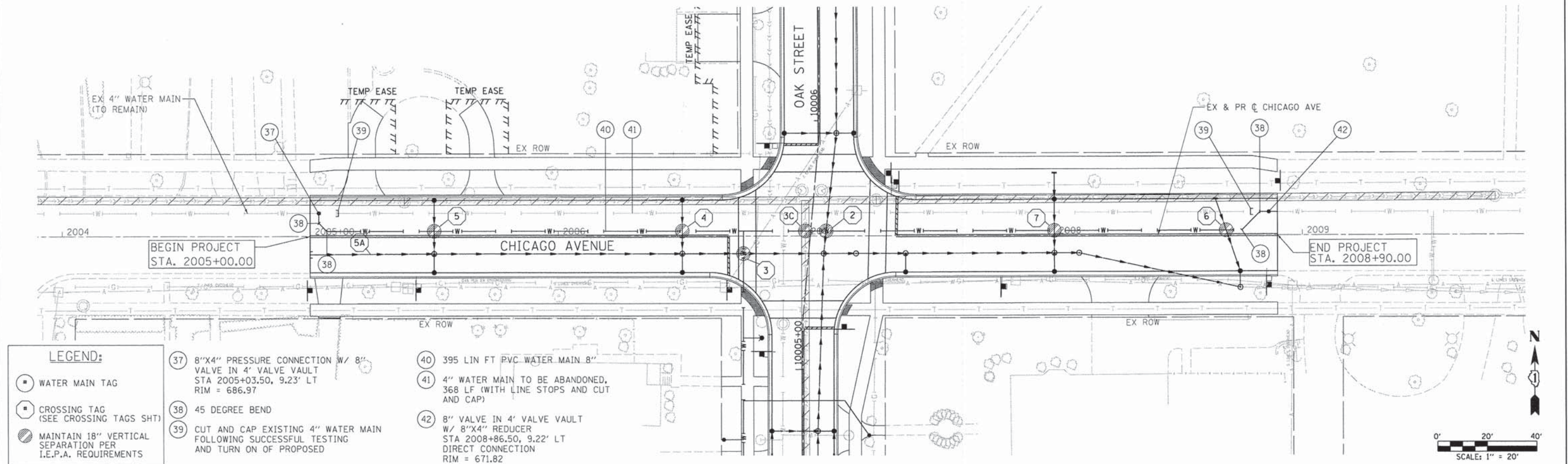
SCALE: 1"=20' SHEET NO. 3 OF 5 SHEETS STA. 10012+50 TO STA. 10015+45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	57
CONTRACT NO. 61B11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	DATE	BY
NO.		
NO.		
NO.		

PROFILE	DATE	BY
NO.		
NO.		
NO.		

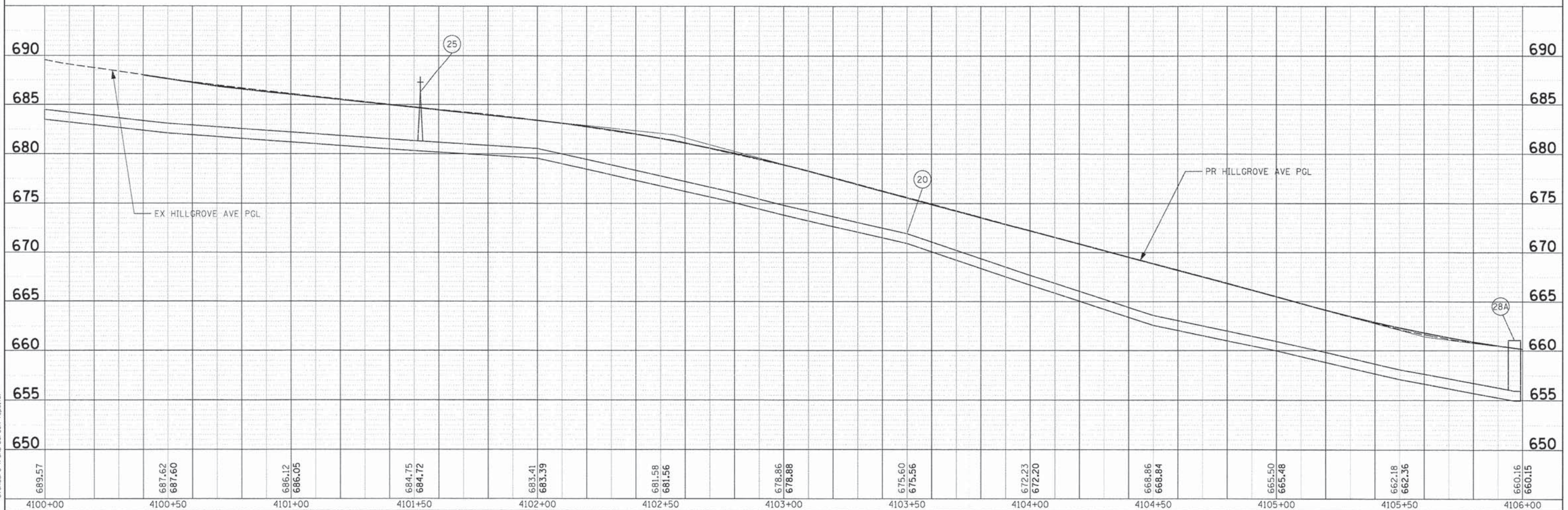
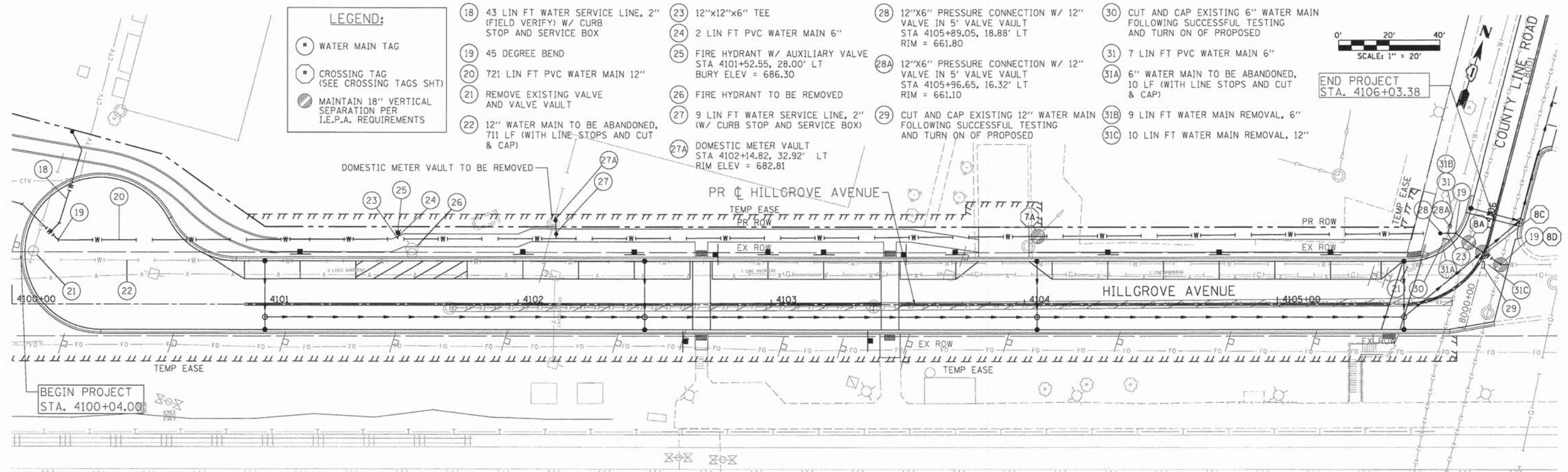
COMPANY NAME: HR GREEN
 PROJECT CONTACT: T. SCOTT CREECH, P.E.
 CLIENT: VILLAGE OF HINDSDALE
 DATE PLOTTED: 12/15/2014 4:00:54 PM
 FILE NAME: 032-wtr-chicago.dgn
 PLOT DRIVER: pldrvr
 PLOT TABLE: Standard Trans-4000-1000.tbl



HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = dstancz FILE NAME = 032-wtr-chicago.dgn PLOT SCALE = 1"=20' PLOT DATE = 12/15/2014	DESIGNED - TSC DRAWN - DS CHECKED - RD DATE = 12/15/14	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN PLAN & PROFILE CHICAGO AVENUE SCALE: 1"=20' SHEET NO. 4 OF 5 SHEETS STA. 2005+00 TO STA. 2008+90	F.A.U. RTE. 2999 SECTION 10-00089-00-BR COUNTY DUPAGE TOTAL SHEETS 157 SHEET NO. 58 CONTRACT NO. 61B11
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PROFILE		STARTED	BY	DATE
		PLOTTED		
NOTE BOOK		GRADES CHECKED		
NO. _____		B.M. NOTED		
		STRUCTURE NOTED		
		CHW		

COMPANY NAME: NR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 1/7/2015 10:19:06 AM
FILE NAME: 032_wtr_hillgrove.dgn
PLOT DRIVER: pdf_vw.plt
OPEN TABLE: standard-trans-scribe



 HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = bhartma	DESIGNED = TSC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN PLAN & PROFILE HILLGROVE AVENUE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 832_wtr_hillgrove.dgn	DRAWN = DS	REVISED =						2999	10-00089-00-BR	DUPAGE	157	59
	PLOT SCALE = 1"=20'	CHECKED = RD	REVISED =		CONTRACT NO. 61B11								
	PLOT DATE = 1/7/2015	DATE = 1/7/15	REVISED =		SCALE: 1"=20'	SHEET NO. 5 OF 5 SHEETS	STA. 4100+04 TO STA. 4106+10	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

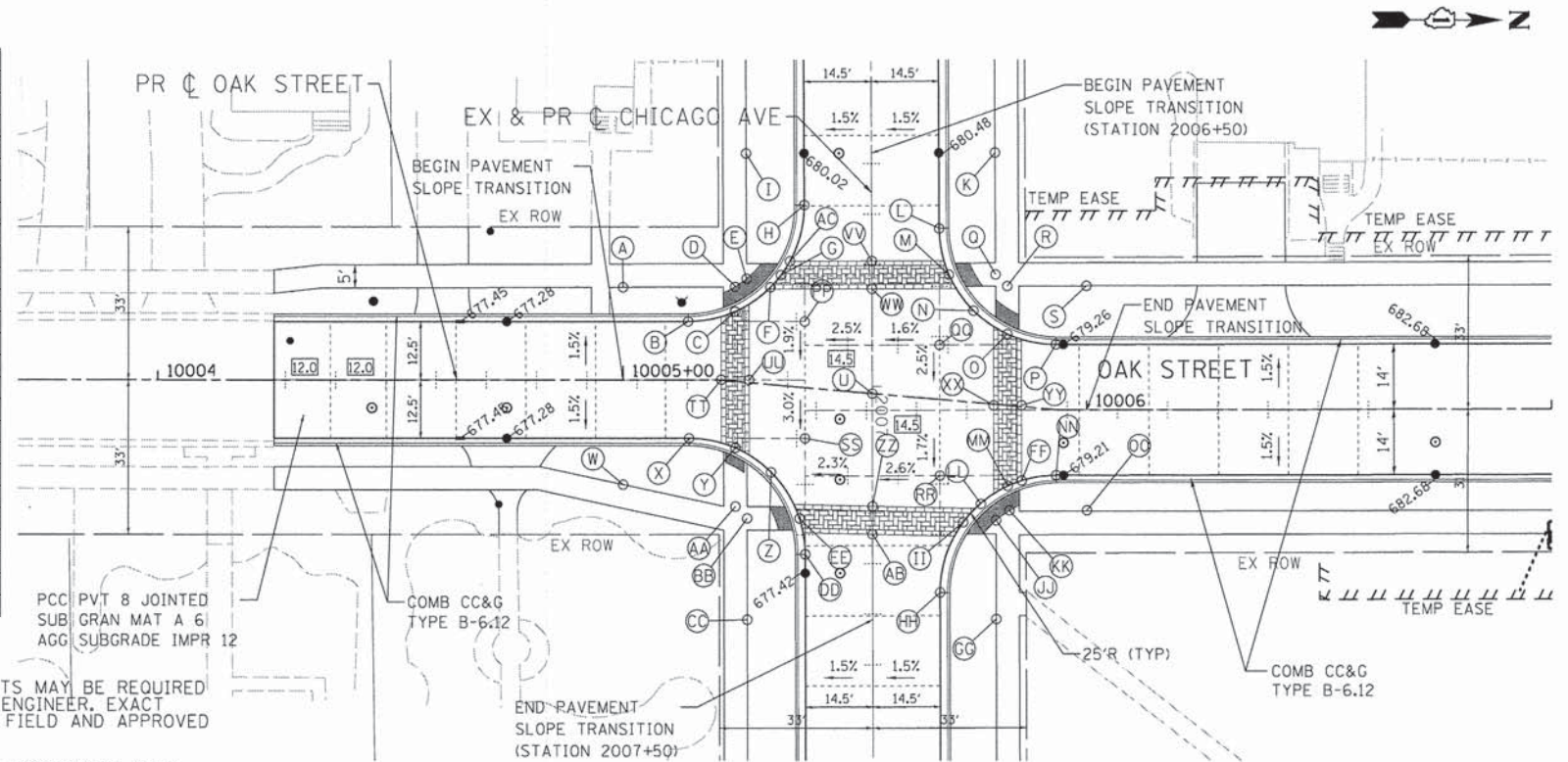
POINT DESCRIPTION OAK STREET AT CHICAGO AVENUE											
POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET	ELEVATION
A	10005+00.00	19.87' LT	678.38	Y	10005+25.42	14.20' RT	677.83	WW	10005+51.69	22.34' LT	679.27
B	10005+14.00	12.50' LT	678.51	Z	10005+33.55	18.73' RT	677.76	XX	10005+79.95	0.27' RT	679.12
C	10005+22.77	14.87' LT	678.71	AA	10005+26.56	26.76' RT	678.02	YY	10005+85.93	0.27' LT	679.24
D	10005+22.32	20.16' LT	678.49	BB	10005+29.29	29.08' RT	677.83	ZZ	10005+55.92	24.07' RT	678.09
E	10005+24.62	22.11' LT	679.05	CC	10005+31.25	50.69' RT	675.89	AB	10005+56.47	30.05' RT	677.97
F	10005+29.90	20.75' LT	678.88	DD	10005+42.42	35.65' RT	677.60	AC	10005+33.60	26.71' LT	679.02
G	10005+31.93	23.55' LT	678.95	EE	10005+40.51	28.09' RT	677.66				
H	10005+35.61	39.04' LT	679.64	FF	10005+87.39	15.78' RT	678.72				
I	10005+22.18	48.90' LT	680.11	GG	10005+84.59	45.82' RT	676.87				
J		OMITTED		HH	10005+72.04	41.16' RT	677.79				
K	10005+75.51	53.77' LT	683.22	II	10005+75.65	25.78' RT	678.34				
L	10005+64.96	36.52' LT	679.88	JJ	10005+82.67	24.78' RT	678.53				
M	10005+67.90	26.83' LT	679.70	KK	10005+85.37	22.40' RT	679.02				
N	10005+73.85	19.58' LT	679.57	LL	10005+79.10	21.54' RT	678.50				
O	10005+81.56	15.21' LT	679.44	MM	10005+84.50	17.20' RT	678.66				
P	10005+92.12	13.90' LT	679.27	NN	10005+93.89	14.01' RT	679.20				
Q	10005+77.90	27.74' LT	679.85	OO	10006+00.00	21.54' RT	679.45				
R	10005+80.63	25.48' LT	679.62	PP	10005+37.88	14.08' LT	678.72				
S	10006+00.00	26.58' LT	681.64	QQ	10005+67.23	11.63' LT	679.18				
T		OMITTED		RR	10005+69.77	16.26' RT	678.62				
U	10005+53.73	0.00'	678.69	SS	10005+40.15	10.82' RT	678.16				
V		OMITTED		TT	10005+21.11	0.04' LT	678.05				
W	10005+00.00	22.45' RT	677.69	UU	10005+27.09	0.57' LT	678.17				
X	10005+14.19	12.50' RT	677.92	VV	10005+51.14	28.32' LT	679.39				

LEGEND

- LONGITUDINAL CONSTRUCTION JOINT GROUTED
IN PLACE TIE BARS (#8 EPOXY COATED DEFORMED
BARS, 2" LONG AT 2' CENTERS) STANDARD 420001
- SAWED CONTRACTION JOINT WITH 1 1/2" DIA EPOXY
COATED SMOOTH DOWEL BAR, 1'-6" LONG AT 1' CENTERS,
STANDARDS 420001 AND 420101
- LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN JOINTS)
IF DIFFERENT THAN TYPICAL 15'. SEE STANDARD 420101

NOTES

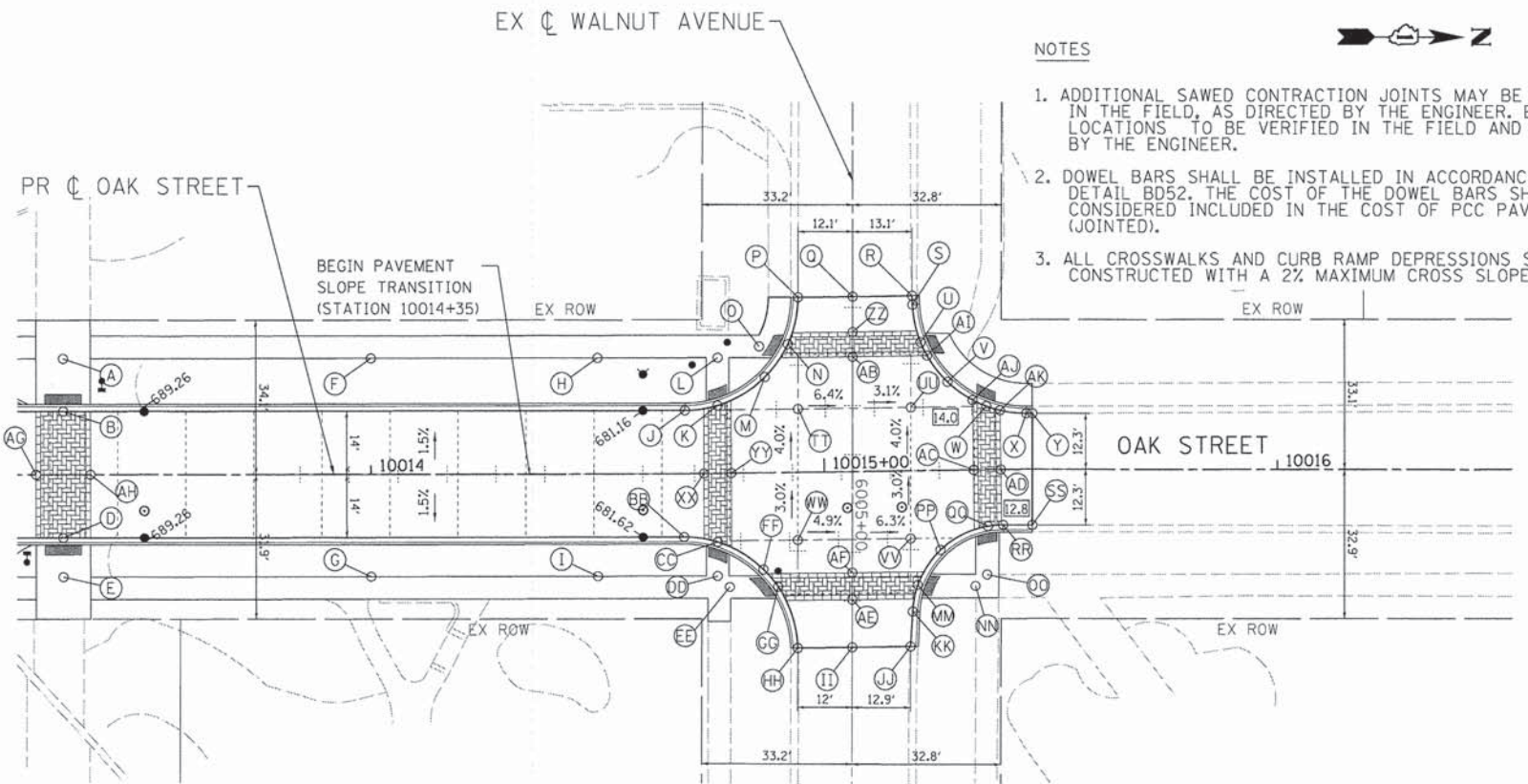
1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED
IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT
LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED
BY THE ENGINEER.
2. DOWEL BARS SHALL BE INSTALLED IN ACCORDANCE WITH
DETAIL BD52. THE COST OF THE DOWEL
BARS SHALL BE CONSIDERED INCLUDED IN THE COST OF
PCC PAVEMENT 8" (JOINTED).
3. ALL CROSSWALKS AND CURB RAMP DEPRESSIONS SHALL BE
CONSTRUCTED WITH A 2% MAXIMUM CROSS SLOPE.



POINT DESCRIPTION OAK STREET AT WALNUT AVENUE											
POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET	ELEVATION
A	10013+32.14	25.58' LT	690.37	Y	10015+45.90	12.34' LT	674.09	WW	10014+91.13	15.02' RT	678.71
B	10013+32.13	14.00' LT	690.16	Z		OMITTED		XX	10014+73.46	0.03' RT	679.67
C		OMITTED		AA		OMITTED		YY	10014+79.46	0.02' RT	679.55
D	10013+32.13	14.00' RT	690.16	BB	10014+68.97	14.00' RT	681.56	ZZ	10015+06.69	30.80' LT	676.33
E	10013+32.14	22.58' RT	690.33	CC	10014+76.28	15.22' RT	681.36	AB	10015+06.60	25.31' LT	676.45
F	10014+00.00	25.58' LT	686.78	DD	10014+76.16	22.67' RT	681.75	AC	10015+32.94	0.03' RT	675.26
G	10014+00.00	22.58' RT	687.35	EE	10014+78.80	25.20' RT	679.62	AD	10015+38.94	0.00'	675.14
H	10014+50.00	25.58' LT	681.96	FF	10014+86.27	21.35' RT	679.57	AE	10015+05.76	28.31' RT	678.59
I	10014+50.00	22.58' RT	682.95	GG	10014+89.47	25.28' RT	681.08	AF	10015+05.86	22.31' RT	678.47
J	10014+69.44	14.00' LT	680.05	HH	10014+93.57	38.78' RT	679.05	AG	10013+26.14	0.00'	690.49
K	10014+76.64	14.97' LT	679.37	II	10015+05.59	38.78' RT	678.81	AH	10013+38.14	0.00'	690.25
L	10014+76.82	25.49' LT	679.57	JJ	10015+18.46	38.78' RT	678.57	AI	10015+23.02	25.31' LT	675.25
M	10014+87.17	21.07' LT	678.27	KK	10015+19.06	31.08' RT	678.05	AJ	10015+32.94	15.39' LT	674.53
N	10014+92.34	28.31' LT	677.46	LL		OMITTED		AK	10015+38.94	13.05' LT	674.41
O	10014+85.99	27.88' LT	677.60	MM	10015+20.26	25.34' RT	677.94				
P	10014+94.73	38.59' LT	676.49	NN	10015+32.99	25.72' RT	678.17				
Q	10015+06.80	38.59' LT	676.05	OO	10015+35.62	23.15' RT	677.91				
R	10015+19.91	38.59' LT	675.69	PP	10015+25.40	17.62' RT	676.85				
S	10015+19.96	36.60' LT	675.67	QQ	10015+35.94	12.50' RT	677.08				
T		OMITTED		RR	10015+39.29	12.27' RT	677.00				
U	10015+21.63	28.31' LT	675.31	SS	10015+45.90	12.33' RT	675.12				
V	10015+27.45	19.46' LT	674.89	TT	10014+91.24	13.98' LT	677.73				
W	10015+35.94	14.00' LT	674.47	UU	10015+21.42	13.97' LT	676.42				
X	10015+44.57	12.33' LT	674.15	VV	10015+20.96	15.03' RT	677.31				

LEGEND

- LONGITUDINAL CONSTRUCTION JOINT GROUTED
IN PLACE TIE BARS (#8 EPOXY COATED DEFORMED
BARS, 2" LONG AT 2' CENTERS) STANDARD 420001
- SAWED CONTRACTION JOINT WITH 1 1/2" DIA EPOXY
COATED SMOOTH DOWEL BAR, 1'-6" LONG AT 1' CENTERS,
STANDARDS 420001 AND 420101
- LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN JOINTS)
IF DIFFERENT THAN TYPICAL 15'. SEE STANDARD 420101



NOTES

1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED
IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT
LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED
BY THE ENGINEER.
2. DOWEL BARS SHALL BE INSTALLED IN ACCORDANCE WITH
DETAIL BD52. THE COST OF THE DOWEL BARS SHALL BE
CONSIDERED INCLUDED IN THE COST OF PCC PAVEMENT 8"
(JOINTED).
3. ALL CROSSWALKS AND CURB RAMP DEPRESSIONS SHALL BE
CONSTRUCTED WITH A 2% MAXIMUM CROSS SLOPE.

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 12/11/2014 15:42:14 PM
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PLOT DRIVER: pdf-plot
PEN TABLE: standard-trans-screen-topo.tbl



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	DRAWN = DS	REVISED =
PLOT SCALE = 1"=20'	CHECKED = RD	REVISED =
PLOT DATE = 12/11/2014	DATE =	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

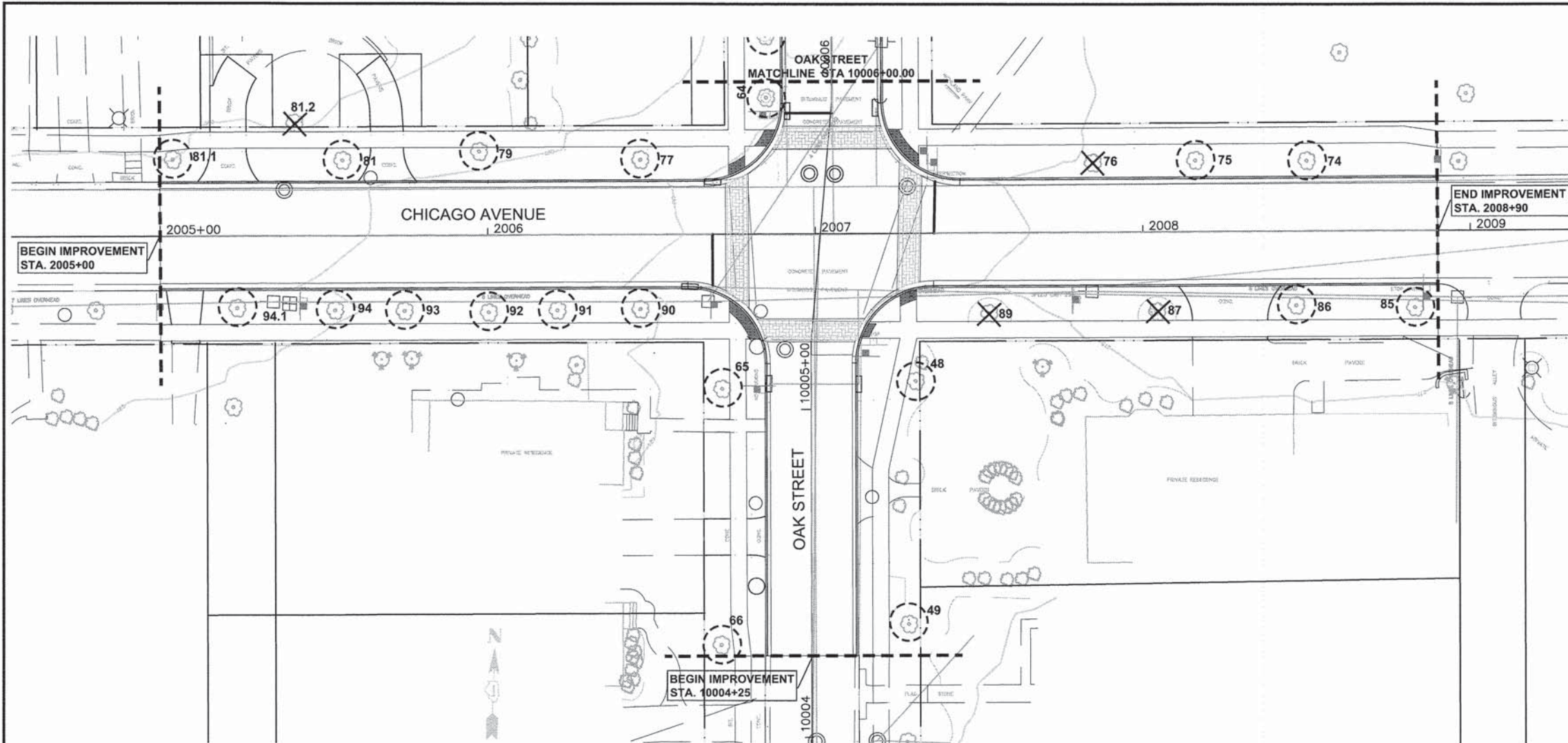
INTERSECTION PAVING PLAN
OAK STREET

SCALE: 1"=20'

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	60
CONTRACT NO. 61B11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

J:\PROJECTS\1000\1051-HR GREEN\001-HINSDALE OAK STREET BRIDGE\H GRAPHICS\05-DD-CD\01-TREE PRESERVATION REMOVAL PLANS.DWG 61
Plotted: 12/12/2014 By: TIKING
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TREE INVENTORY

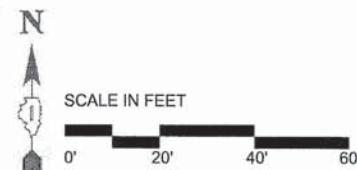
TREE ID #	SIZE	SPECIES	HEALTH	STRUCTURE	ACTION	COMMENTS
2	26.0	WHITE OAK	G	F	PROTECT	PRUNED
5	21.0	BLACK LOCUST	F	F	PROTECT	
7	7.0	LLAC SP.	G	G	PROTECT	PRUNED
8	15.5	HONEY LOCUST	F	P	PROTECT	HEAVILY PRUNED
9	11.5	HACKBERRY	F	P	PROTECT	HEAVILY PRUNED
13	27.0	AMERICAN ELM	G	F	REMOVE	PRUNED
17	9.5	SWAMP WHITE OAK	G	G	PROTECT	STUMP REMAINS
18	30.0	NORWAY MAPLE	G	F	REMOVE	
19	9.5	RED PINE	G	G	REMOVE	PRUNED
19.1	9.0	PINE SP.			REMOVE	NOT IDENTIFIED IN INVENTORY
19.2	12.0	HONEY LOCUST			PROTECT	NOT IDENTIFIED IN INVENTORY
19.3	12.0	MAPLE SP.			PROTECT	NOT IDENTIFIED IN INVENTORY
20	18.0	WHITE OAK	G	F	REMOVE	
21	18.0	WHITE OAK	G	F	REMOVE	
22	17.0	NORWAY MAPLE	G	F	REMOVE	
23	23.0	NORWAY MAPLE	F	F	REMOVE	
24	18.5	SILVER MAPLE	G	G	REMOVE	
25	19.0	NORWAY MAPLE	G	F	REMOVE	
27	8.5	EUROPEAN BEECH	G	G	PROTECT	FAGUS SP.
29	15.0	GREEN ASH	G	G	REMOVE	
30	10.0	KENTUCKY COFFEE TREE	G	G	REMOVE	
31	14.0	WHITE ASH	G	F	REMOVE	
32	13.0	AMERICAN ELM	G	G	REMOVE	
33	3.5	ELM SP.	G	G	REMOVE	NOT ON ORIGINAL SURVEY PLANS, ADD TO PLANS
33.1	5.0				REMOVE	
34	3.5	ELM SP.	G	G	REMOVE	NOT ON ORIGINAL SURVEY PLANS, ADD TO PLANS
34.1	3.5	MAPLE SP.	G	G	REMOVE	NOT IDENTIFIED IN INVENTORY
35	8.0	NORWAY MAPLE	G	G	REMOVE	PRUNED
35.1	3.0	SPRUCE SP.	G	G	REMOVE	NOT IDENTIFIED IN INVENTORY
35.2	3.0	SPRUCE SP.	G	G	REMOVE	NOT IDENTIFIED IN INVENTORY
35.3	3.0	SPRUCE SP.	G	G	REMOVE	NOT IDENTIFIED IN INVENTORY
35.4	3.0	SPRUCE SP.	G	G	REMOVE	NOT IDENTIFIED IN INVENTORY
35.5	3.0	SPRUCE SP.	G	G	REMOVE	NOT IDENTIFIED IN INVENTORY
35.6	3.0	SPRUCE SP.	G	G	REMOVE	NOT IDENTIFIED IN INVENTORY
35.7	6.5	MAPLE SP.	G	G	REMOVE	NOT IDENTIFIED IN INVENTORY
38	31.0	OSAGE ORANGE	G	F	REMOVE	
39	17.0	BOX ELDER	P	F	PROTECT	
40	10.0	WHITE ASH	P	F	PROTECT	
41	6.0	AMERICAN ELM	G	G	PROTECT	NOT ON ORIGINAL SURVEY PLANS, ADD TO PLANS
42	12.0	NORWAY MAPLE	G	G	REMOVE	
43	5.0	HACKBERRY	F	F	REMOVE	
44	MS	AMERICAN ELM	G	G	REMOVE	25.0, 24.0
45	11.0	NORWAY MAPLE	G	F	REMOVE	
48	6.5	PEAR SP.	G	G	PROTECT	
49	15.0	BASSWOOD	G	G	PROTECT	
52	7.5	BLACK LOCUST	P	F	REMOVE	NEARLY DEAD
54	26.0	BLACK LOCUST	F	P	REMOVE	
55	7.0	BLACK LOCUST	F	F	REMOVE	NOT ON ORIGINAL SURVEY PLANS, ADD TO PLANS
56	MS	BLACK LOCUST	F	F	REMOVE	19.0, 17.0
57	16.0	BLACK LOCUST	F	P	REMOVE	
59	32.0	AMERICAN ELM	G	G	REMOVE	
60	27.0	AMERICAN ELM	G	F	REMOVE	
61	23.0	BASSWOOD	G	F	REMOVE	
62	9.5	GREEN ASH	G	G	REMOVE	
63	14.0	BASSWOOD	G	F	PROTECT	
64	15.5	BASSWOOD	G	F	PROTECT	
65	10.5	ELM SP.	G	G	PROTECT	HYBRID SP.
66	4.0	SWAMP WHITE OAK	G	G	PROTECT	NOT ON ORIGINAL SURVEY PLANS, ADD TO PLANS
74	14.0	KENTUCKY COFFEE TREE	G	G	PROTECT	
75	16.0	HACKBERRY	G	G	PROTECT	
76	18.0	BASSWOOD	F	G	REMOVE	
77	15.0	NORWAY MAPLE	G	F	PROTECT	
79	25.0	AMERICAN ELM	G	G	PROTECT	
81	25.0	AMERICAN ELM	G	F	PROTECT	
81.1	6.5	AMERICAN ELM	G	G	PROTECT	NOT IDENTIFIED IN INVENTORY
81.2	43.0	WHITE ASH	F	P	REMOVE	
85	5.5	MAPLE SP.	G	G	PROTECT	
86	7.0	LLAC SP.	G	G	PROTECT	
87	18.0	HACKBERRY	F	P	REMOVE	
89	16.0	HACKBERRY	F	F	REMOVE	
90	4.5	LLAC SP.	G	G	PROTECT	
91	3.0	LLAC SP.	G	F	PROTECT	
92	3.5	LLAC SP.	G	F	PROTECT	
93	3.5	LLAC SP.	G	G	PROTECT	
94	4.0	LLAC SP.	G	G	PROTECT	
94.1	4.5	LLAC SP.	G	G	PROTECT	NOT IDENTIFIED IN INVENTORY

LEGEND

-  EXISTING DECIDUOUS TREE TO REMAIN WITH TREE TRUNK PROTECTION
-  EXISTING EVERGREEN TREE TO REMAIN WITH TREE TRUNK PROTECTION
-  EXISTING DECIDUOUS TREE TO BE REMOVED
-  EXISTING EVERGREEN TREE TO BE REMOVED

NOTE: TREE ID # CORRESPONDS WITH TREE SURVEY PREPARED BY HUFF & HUFF DATED DECEMBER 2011. NUMBERS ARE NOT CONCURRENT DUE TO TREE INVENTORY BEYOND PROJECTS LIMITS.

ALL EXISTING TREES TO REMAIN WITHIN PROJECT LIMITS TO RECEIVE TREE TRUNK PROTECTION



LANDSCAPE ARCHITECT'S SIGN AND SEAL

FOR LANDSCAPE SHEETS: 61 TO 78

Tim King

TIMOTHY C. KING, PLA
LICENSE NO: 157-000931
EXPIRES: 08/31/2015



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE PRESERVATION AND REMOVALS PLAN
CHICAGO AVENUE

SCALE: 1" = 20'

SHEET NO. 1 OF 3 SHEETS STA.

TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	61
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



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184-001-922

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DRAWN - SMM	REVISED -
CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

J:\PROJECTS\10001\1051-HR GREEN\001-HINSDALE OAK STREET BRIDGE\H GRAPHICS\05-DD-00\01-TREE PRESERVATION REMOVAL PLANS.DWG 62
Plotted: 12.12.2014 By: MUNDERWOOD
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CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE PRESERVATION AND REMOVALS PLAN
OAK STREET

SCALE: 1" = 20'

SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	62
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT				

LEGEND

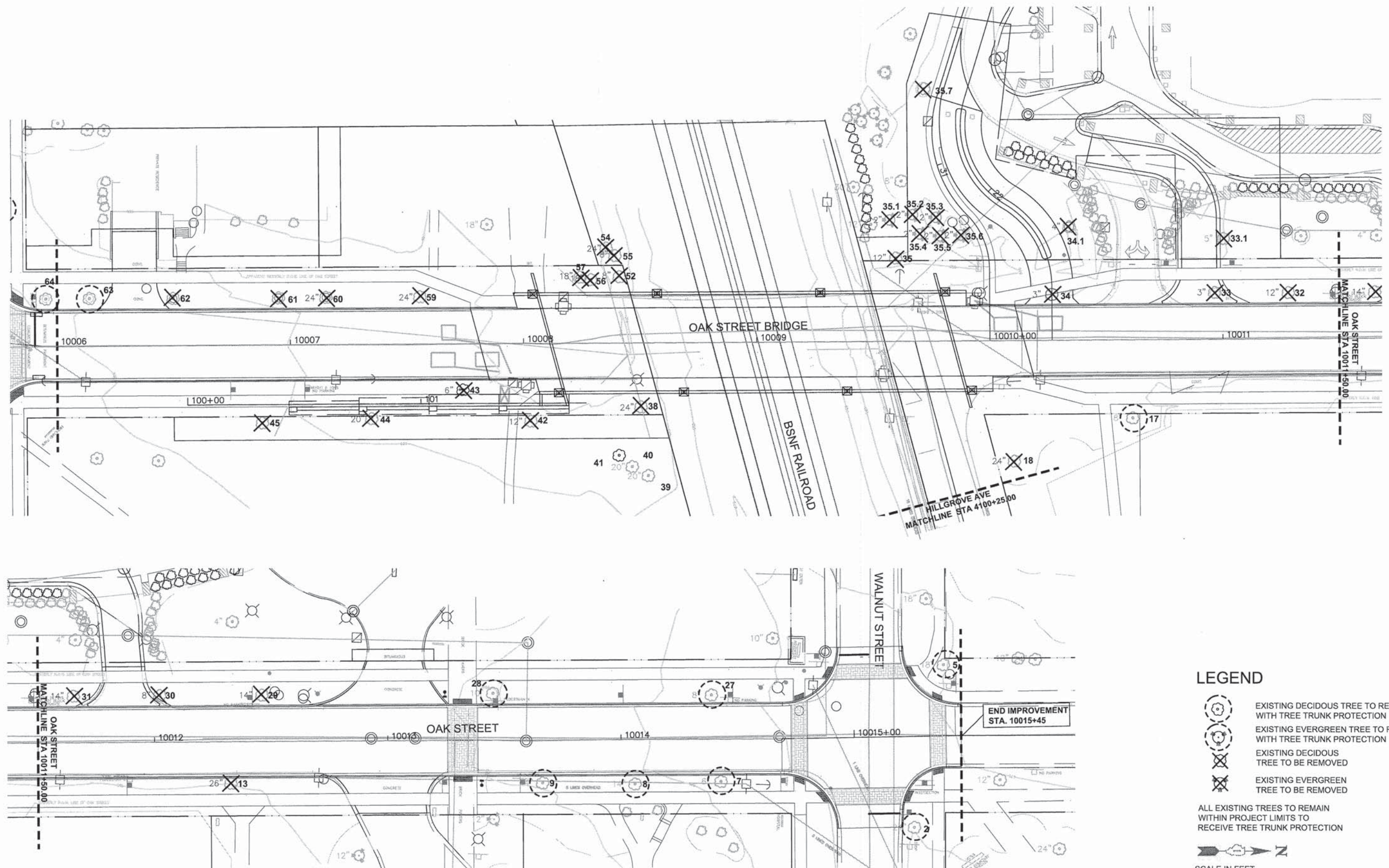


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- EXISTING EVERGREEN TREE TO REMAIN WITH TREE TRUNK PROTECTION
- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING EVERGREEN TREE TO BE REMOVED

ALL EXISTING TREES TO REMAIN WITHIN PROJECT LIMITS TO RECEIVE TREE TRUNK PROTECTION



SCALE IN FEET



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CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE PRESERVATION AND REMOVALS PLAN
HLLGROVE AVENUE

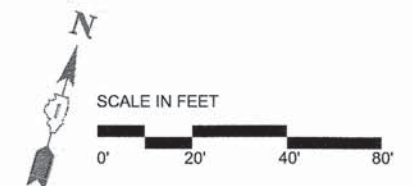
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SHEET NO. 3 OF 3 SHEETS STA. TO STA.

LEGEND

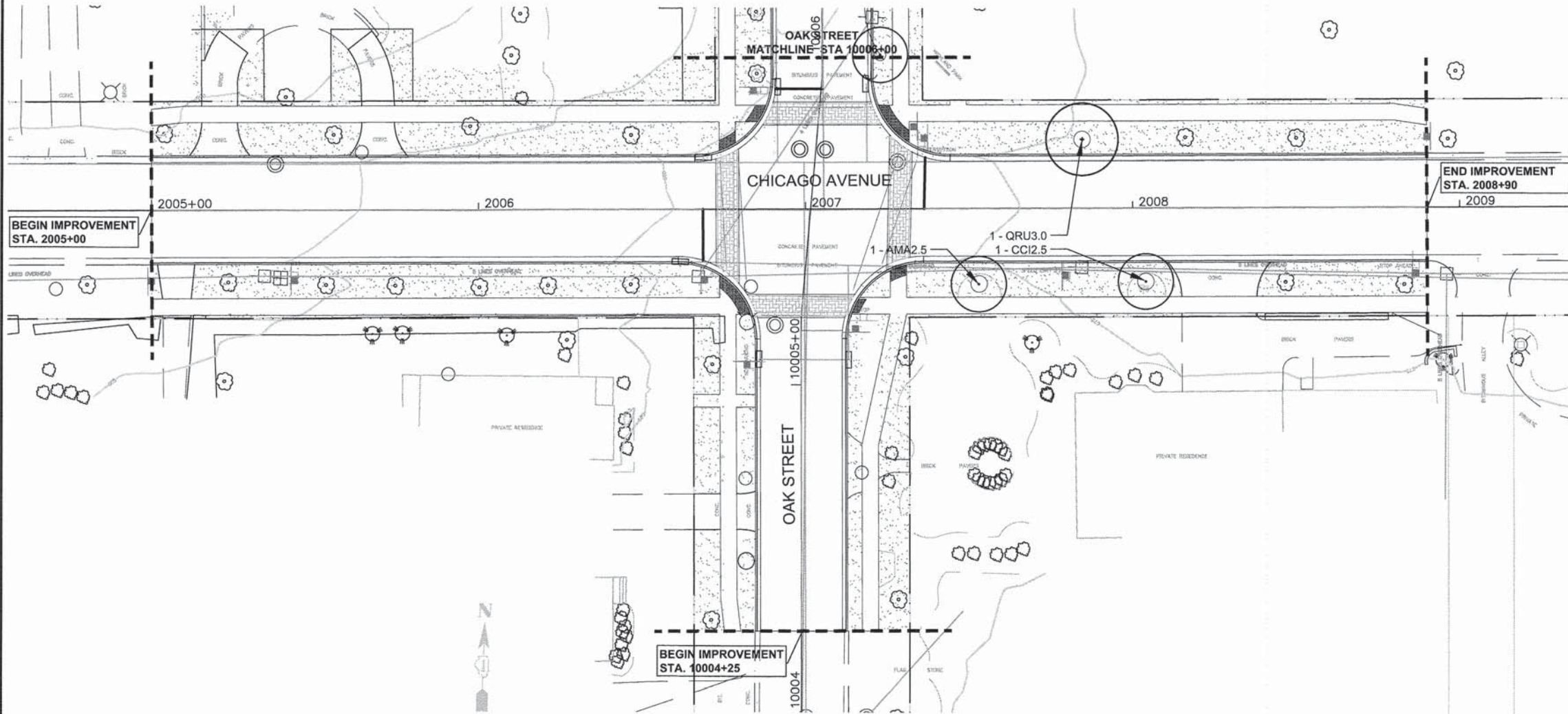
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-  EXISTING EVERGREEN TREE TO REMAIN WITH TREE TRUNK PROTECTION
-  EXISTING DECIDUOUS TREE TO BE REMOVED
-  EXISTING EVERGREEN TREE TO BE REMOVED

ALL EXISTING TREES TO REMAIN WITHIN PROJECT LIMITS TO RECEIVE TREE TRUNK PROTECTION



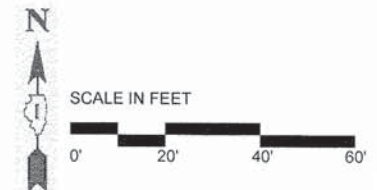
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2999	10-00089-00-BR	DUPAGE	157	63
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT				

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Plotted: 11/12/2014 By: SMC DONALD
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PLANTING LEGEND

-  EXISTING TREE
-  SHADE TREE, TYPICAL
-  SHADE TREE (UTILITY), TYPICAL
-  ORNAMENTAL TREE, TYPICAL
-  EVERGREEN TREE, TYPICAL
-  SHRUBS AND GRASSES, TYPICAL
-  LANDSCAPE BED, TYPICAL
-  SODDING, SALT TOLERANT
-  SEEDING CLASS 5



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DRAWN - SMM	REVISED -
CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

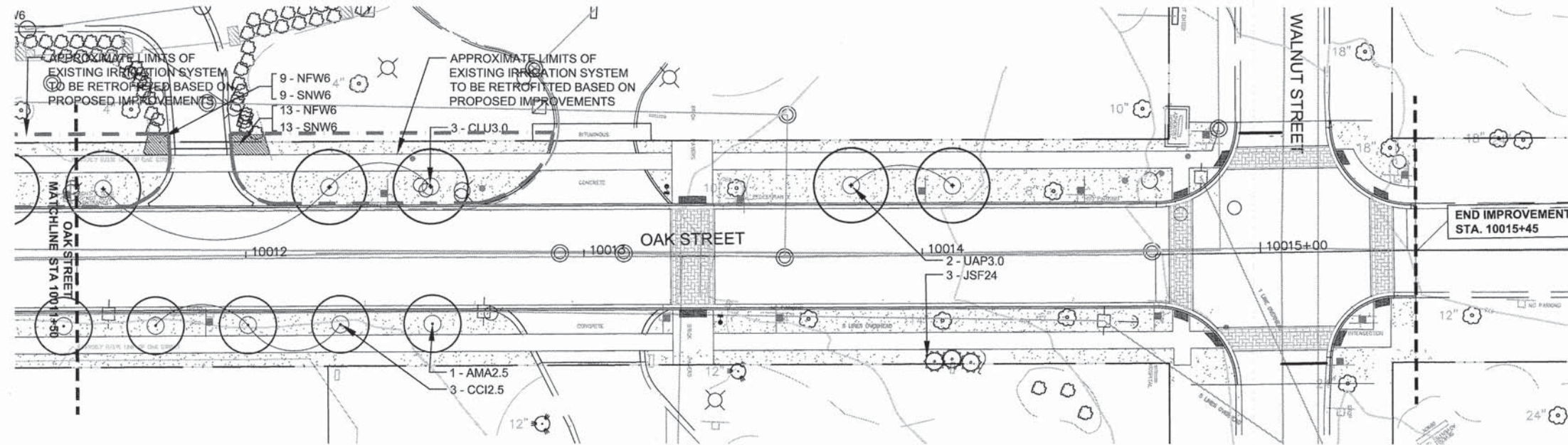
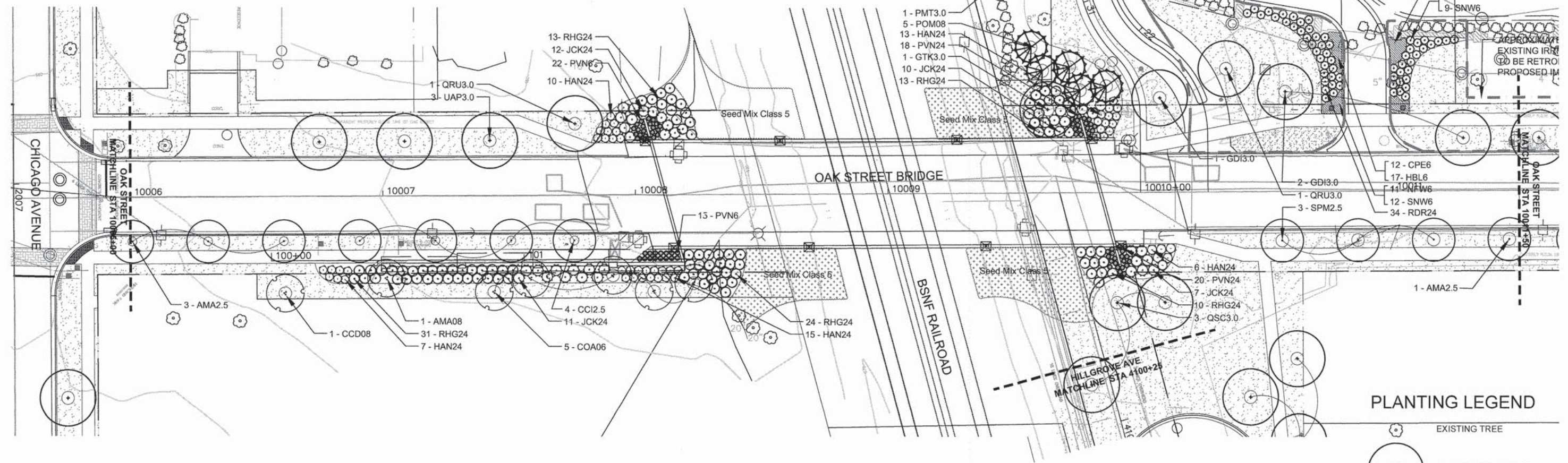
LANDSCAPE PLAN
CHICAGO AVENUE

SCALE: 1" = 20'

SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	64
CONTRACT NO. 41811				
ILLINOIS FED. AID PROJECT				

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PLANTING LEGEND

- EXISTING TREE
 - SHADE TREE, TYPICAL
 - SHADE TREE (UTILITY), TYPICAL
 - ORNAMENTAL TREE, TYPICAL
 - EVERGREEN TREE, TYPICAL
 - SHRUBS AND GRASSES, TYPICAL
 - LANDSCAPE BED, TYPICAL
 - SODDING, SALT TOLERANT
 - SEEDING CLASS 5
- SCALE IN FEET
- 0' 20' 40' 60'



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DRAWN - SMM	REVISED -
CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20'

LANDSCAPE PLAN
OAK STREET

SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	65
CONTRACT NO. 61811				ILLINOIS FED. AID PROJECT

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CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

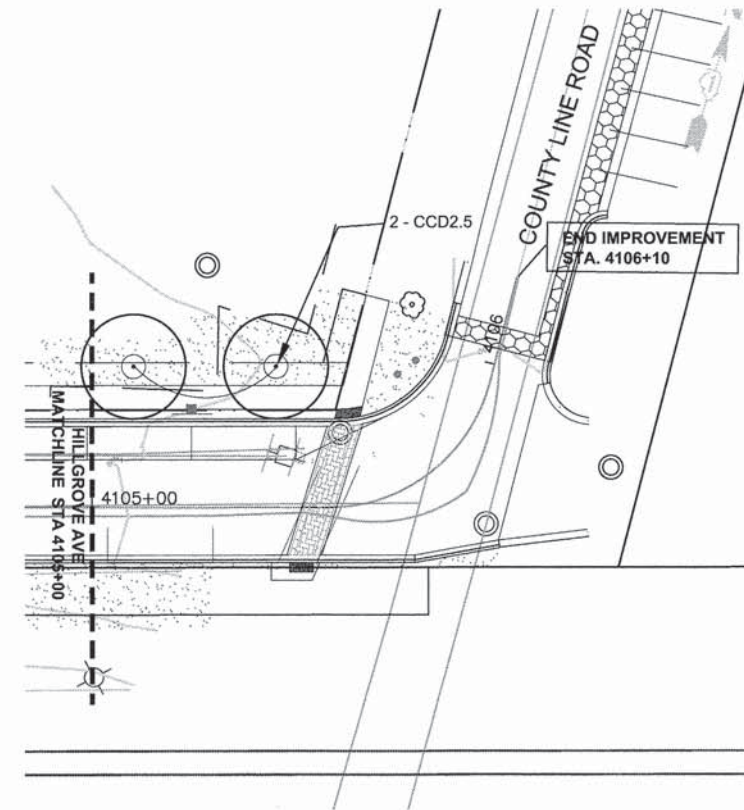
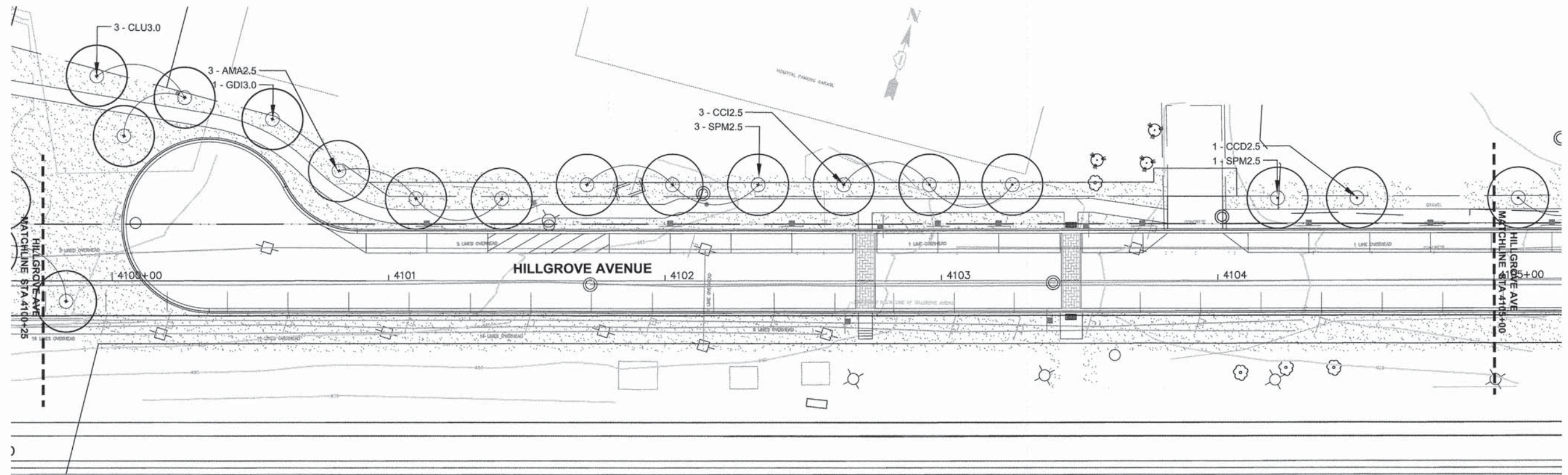
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
HILLGROVE AVENUE

SCALE: 1" = 20'

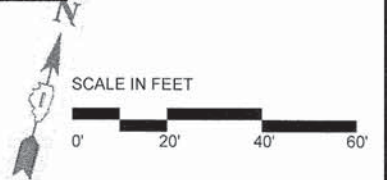
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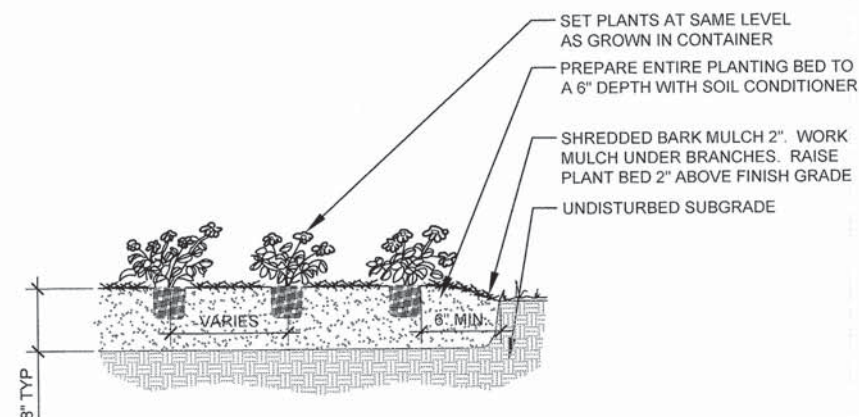
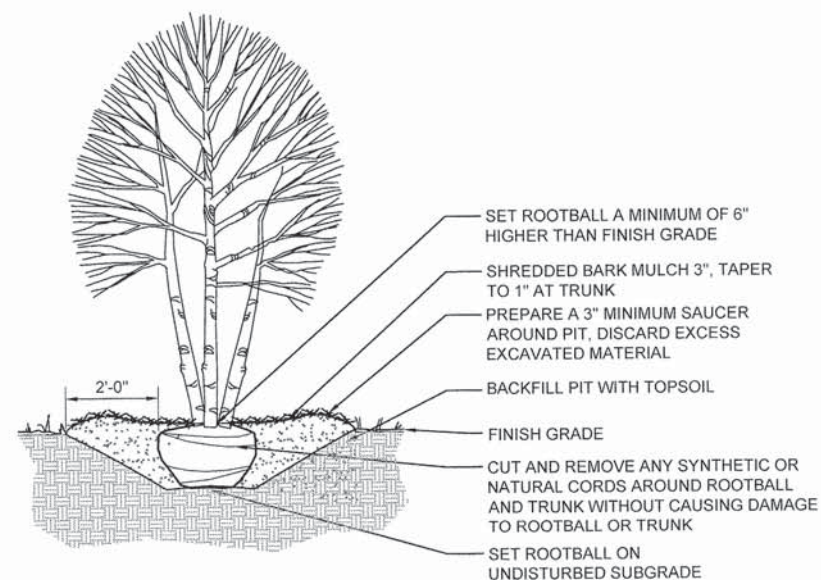
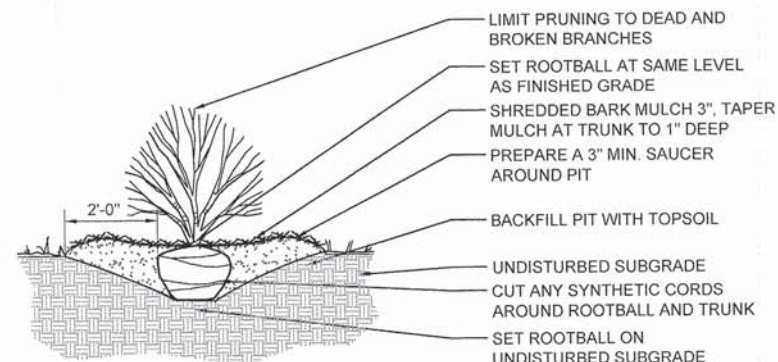
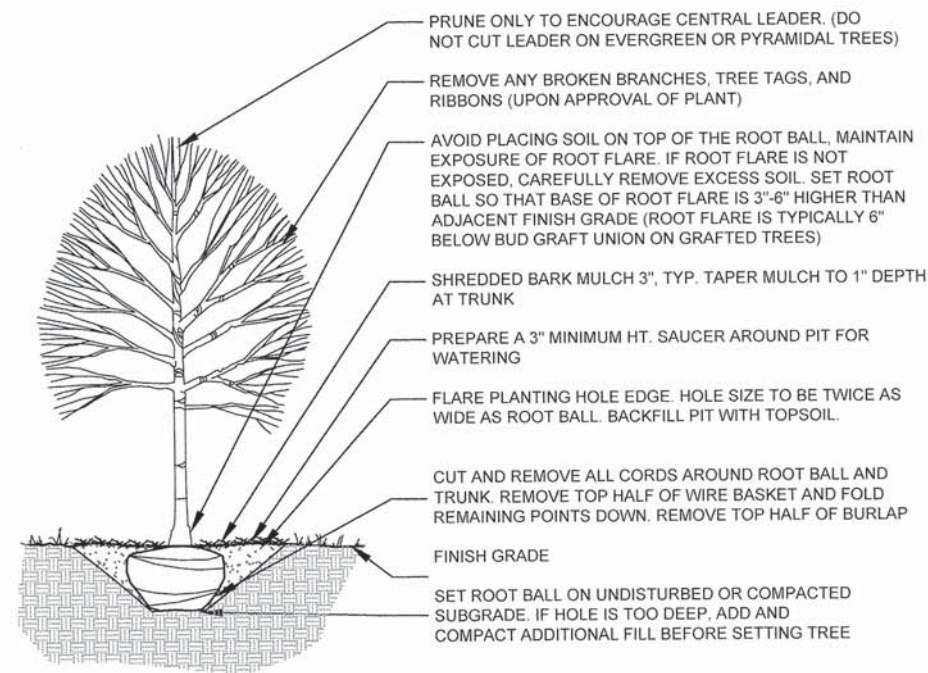
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2999	10-00089-00-BR	DUPAGE	157	66
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT				



PLANTING LEGEND

- EXISTING TREE
- SHADE TREE, TYPICAL
- SHADE TREE (UTILITY), TYPICAL
- ORNAMENTAL TREE, TYPICAL
- EVERGREEN TREE, TYPICAL
- SHRUBS AND GRASSES, TYPICAL
- LANDSCAPE BED, TYPICAL
- SODDING, SALT TOLERANT
- SEEDING CLASS 5





PLANT MATERIALS LIST

Code	Botanical Name	Common Name	Size	Qty Spacing
Shade Trees				
CLU3.0	Cladrastis lutea	American Yellowwood	3" C	6
GTK3.0	Gleditsia triacanthos var. inermis 'Skyline'	Skyline Thornless Honeylocust	3" C	1
GDI3.0	Gymnocladus dioica 'male'	Kentucky Coffeetree	3" C	4
PMT3.0	Platanus x acerifolia 'Morton Circle'	Exclamation! London Planetree	3" C	1
QRU3.0	Quercus rubra	Red Oak	3" C	3
QSC3.0	Quercus x schuettii	Swamp Bur Oak	3" C	3
UAP3.0	Ulmus americana 'Princeton'	Princeton American Elm	3" C	6

Intermediate Trees

AMA.08	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	8' HT	1
AMA2.5	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	2 1/2" C	7
CCD.08	Cercis canadensis	Eastern Redbud	8' HT	1
CCD2.5	Cercis canadensis	Eastern Redbud	2 1/2" C	4
COA.06	Cornus alternifolia	Pagoda Dogwood	6' HT	5
CCI2.5	Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn	2 1/2" C	11
SPM2.5	Syringa pekinensis 'Morton'	China Snow Peking Lilac	2 1/2" C	7

Evergreen Trees

POM.08	Picea omorika	Serbian Spruce	8' HT	5
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Evergreen Shrubs

HAN24	Hydrangea arbor. 'Annabelle'	Annabelle Smooth Hydrangea	24" HT	51	3'-0" O.C.
RHG24	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	24" HT	91	5'-0" O.C.
RDR24	Rosa 'Radtke'	Double Red Knockout Rose	24" HT	58	3'-0" O.C.

Deciduous Shrubs

JCK24	Juniperus chinensis 'Kallay Compact'	Kallay Compact Chinese Juniper	24" HT	40	5'-0" O.C.
JSF24	Juniperus sabina 'Blue Forest'	Blue Forest Savin Juniper	24" HT	3	5'-0" O.C.

Perennials

CPE6	Carex pensylvanica	Oak Sedge	1 GAL	22	18" O.C.
HBL6	Heuchera 'Blackout'	Blackout Coral Bells	1 GAL	32	18" O.C.
NFW6	Nepeta x faassenii 'Walker's Low'	Walker's Low Catmint	1 GAL	42	18" O.C.
PVN6	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 GAL	84	30" O.C.
SNW6	Salvia nemorosa 'Wesuwe'	Wesuwe Salvia	1 GAL	43	18" O.C.

TOTAL PERENNIALS: 223

TOTAL UNITS: 2.23

PLANTING NOTES

1. SEED/SOD TO LIMITS OF DISTURBANCE FOR RESTORATION ONLY. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ANY UNAUTHORIZED DISRUPTION OUTSIDE OF DESIGNATED CONSTRUCTION AREA.

2. CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL IN ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE PROTECTED WITHIN 24 HOURS. DO NOT DISTURB MORE AREA THAN CAN BE COMPLETED AND PROTECTED WITHIN 24 HOURS.

3. PLANTS AND OTHER MATERIALS ARE QUANTIFIED AND SUMMARIZED FOR THE CONVENIENCE OF THE DEPARTMENT AND LOCAL AGENCY. CONFIRM AND INSTALL SUFFICIENT QUANTITIES TO COMPLETE THE WORK AS DRAWN AND SPECIFIED.

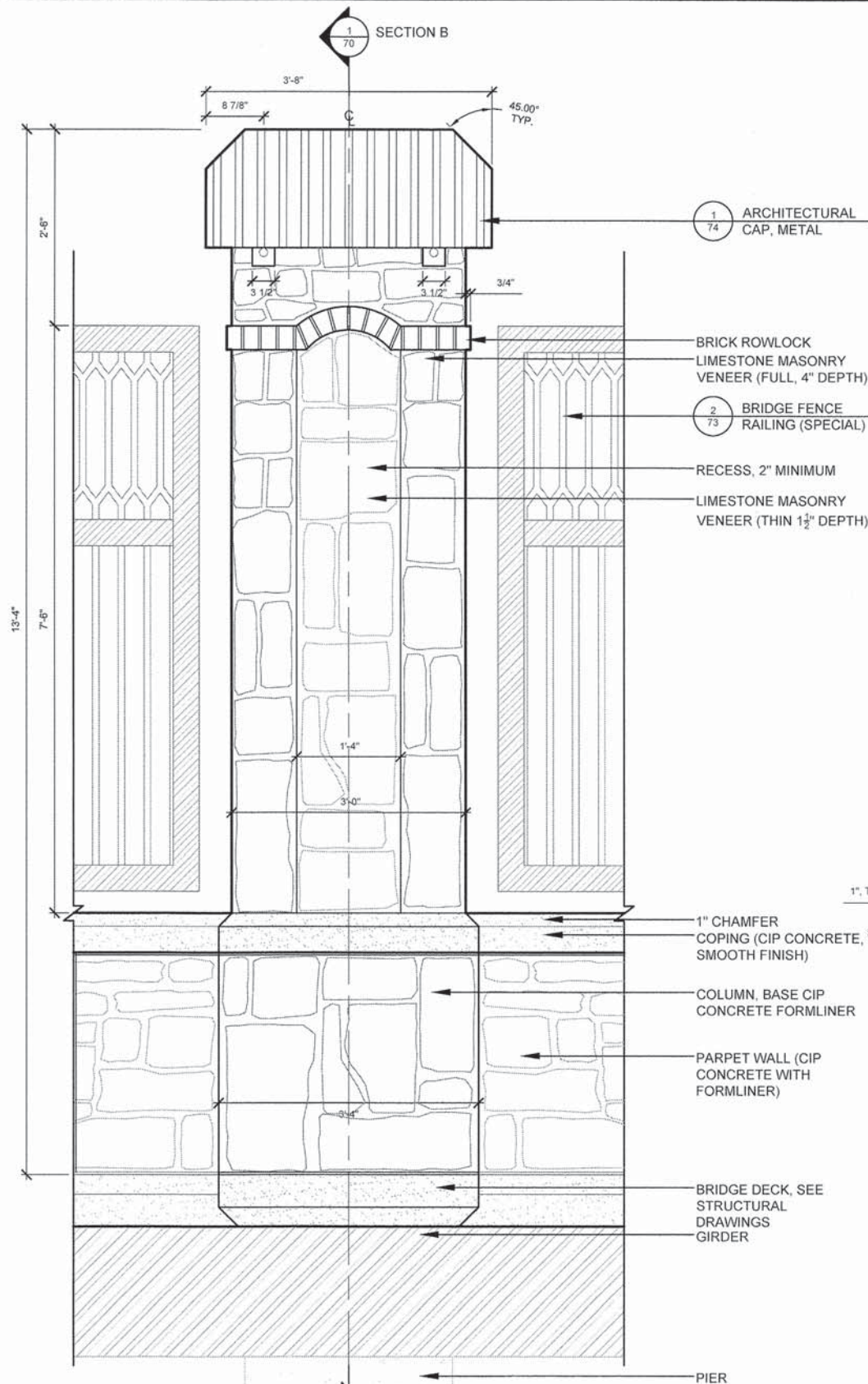
4. REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL CONDITIONS, STANDARDS AND NOTES.

\\HITCHCOCKDESIGNGROUP.COM\NAPERVILLE\OFFICE\PROJECTS\1000\1051-HR GREEN\001-HINSDALE OAK STREET BRIDGE\H GRAPHICS\05-DD-CD\03-DETAILS.DWG 69
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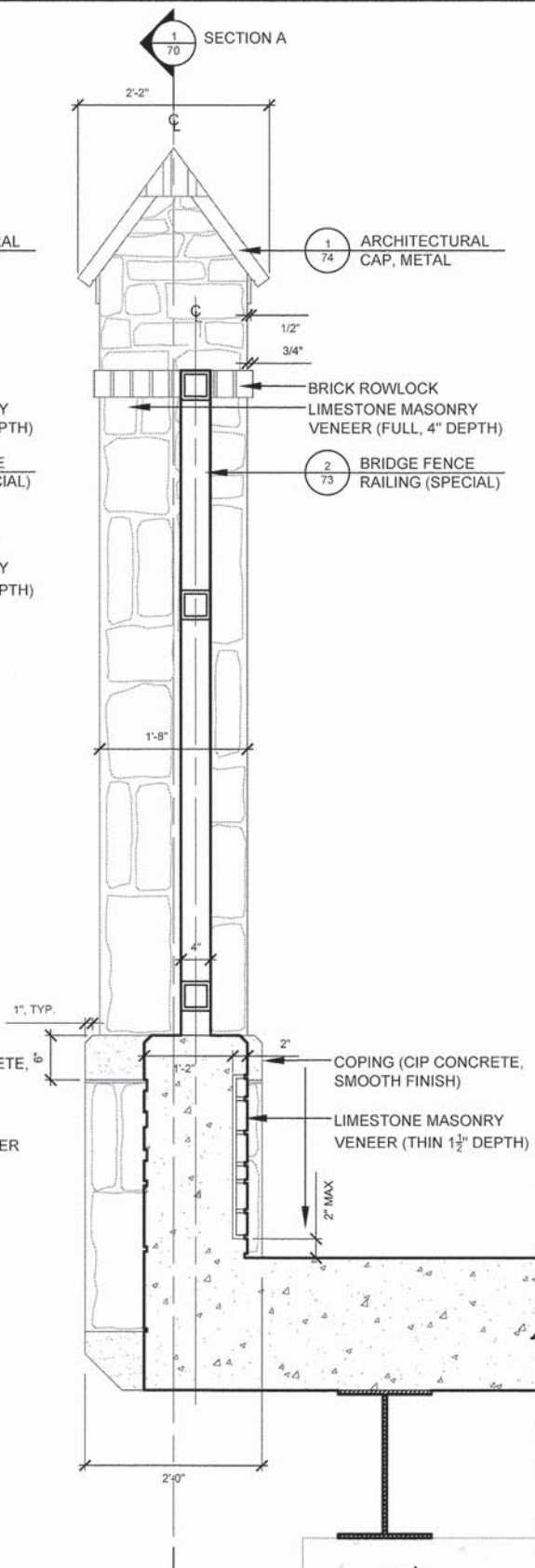


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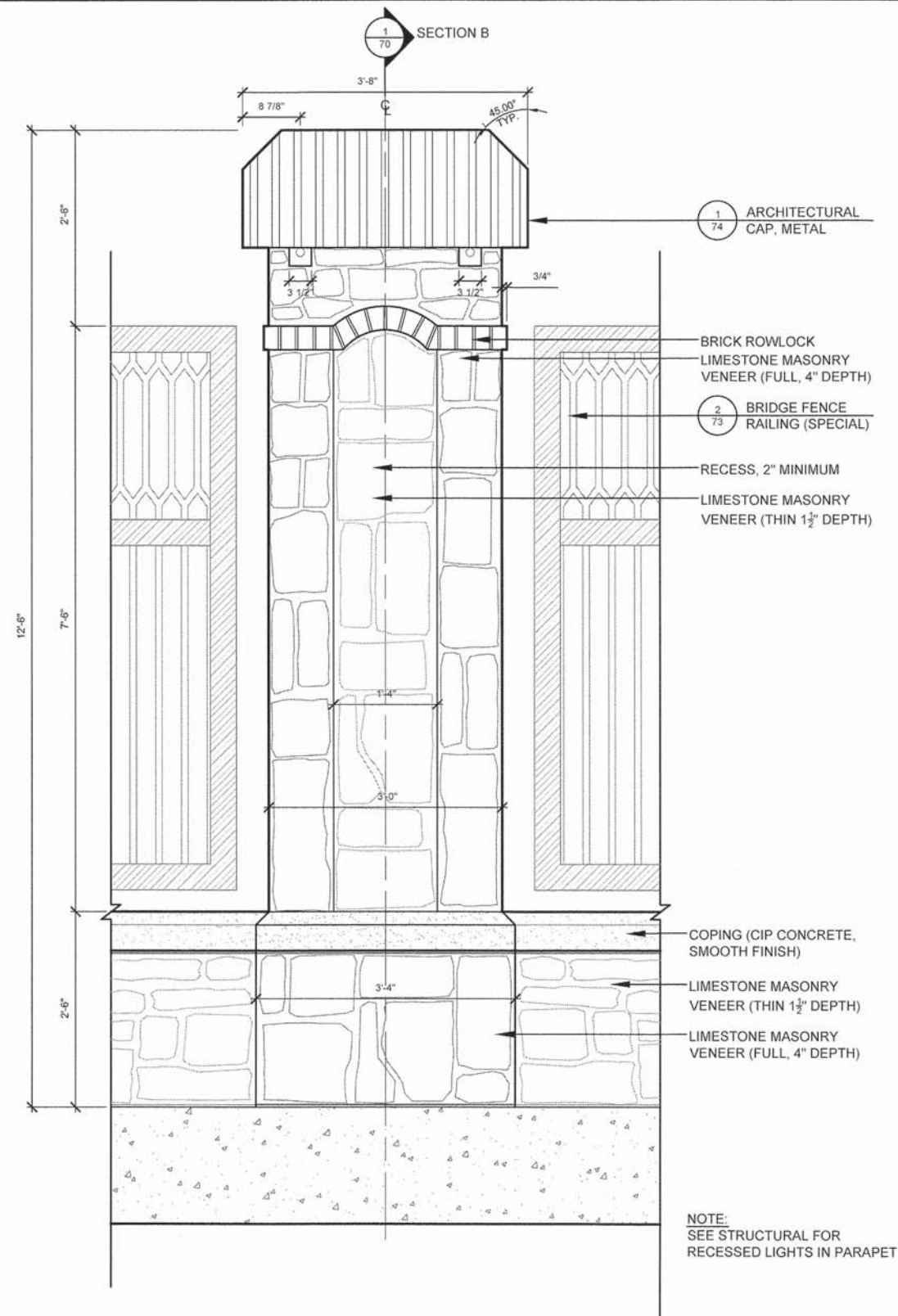
BACK - OUTSIDE VIEW



SIDE



FRONT - STREET VIEW



NOTE:
SEE STRUCTURAL FOR
RECESSED LIGHTS IN PARAPET

1 DECORATIVE MASONRY COLUMN, LARGE - ELEVATIONS

Scale: 1" = 1'-0"

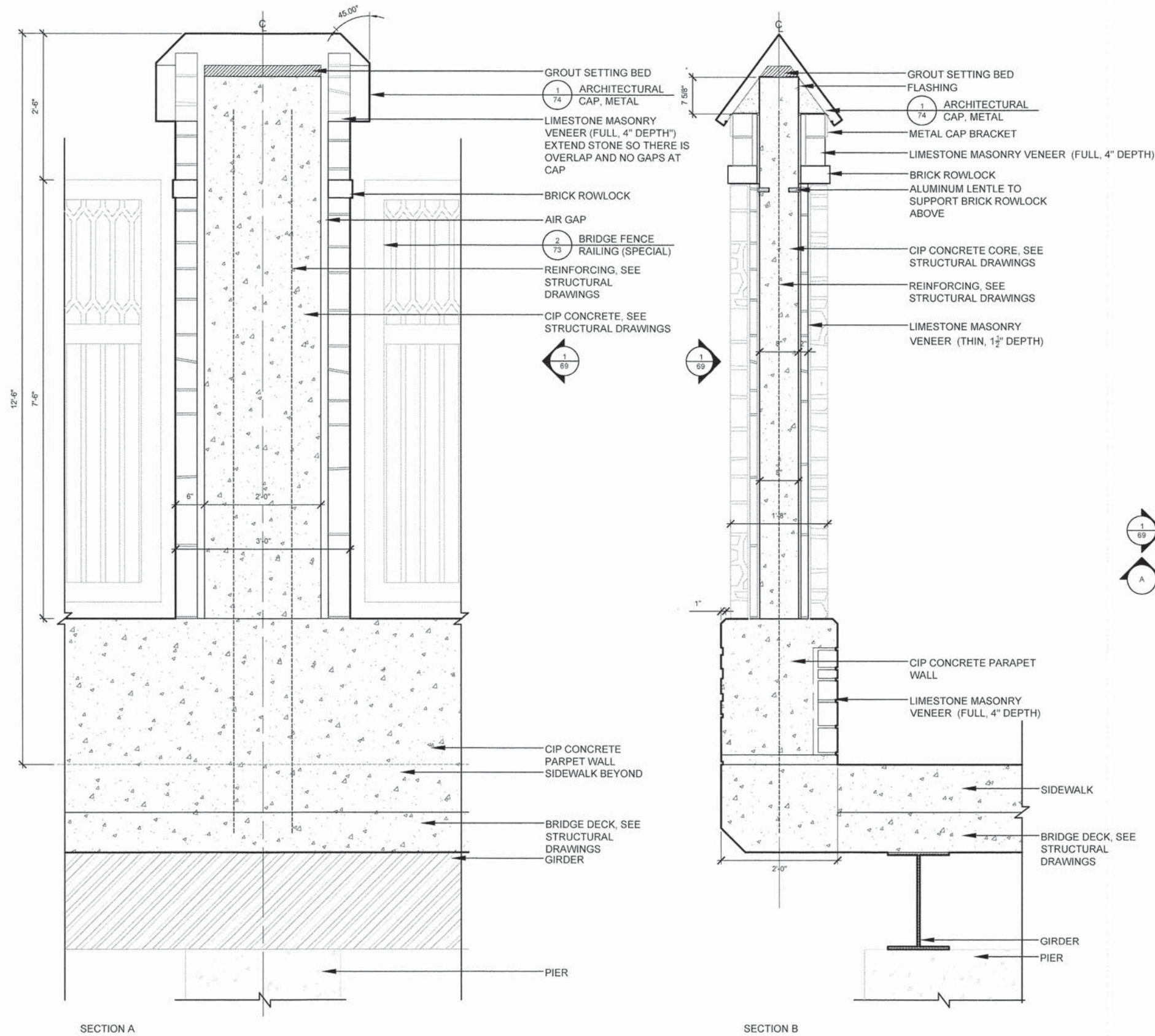
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENHANCEMENTS-BRIDGE ELEVATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	69
CONTRACT NO. 6181				
ILLINOIS FED. AID PROJECT				

\\HITCHCOCKDESIGNGROUP.COM\HATCH\PROJECTS\1000\1051-HR GREEN\001-HINSDALE OAK STREET BRIDGE\H GRAPHICS\05-00-CD\03-DETAILS.DWG 70
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NOTE:
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RECESSED LIGHTS IN PARAPET

1 DECORATIVE MASONRY COLUMN, LARGE - PLAN AND SECTIONS

Scale: 1" = 1'-0"



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DRAWN - SMM	REVISED -
CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

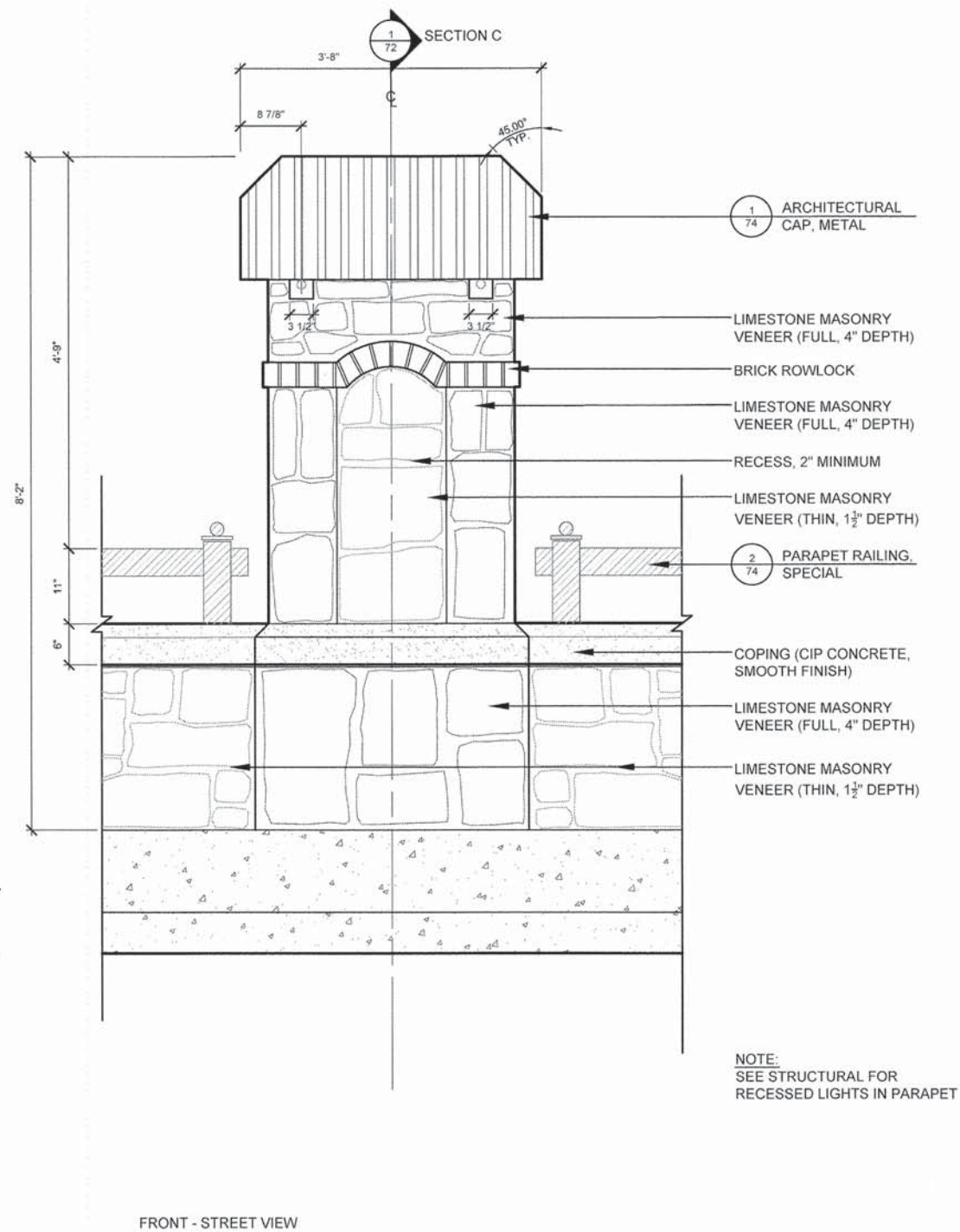
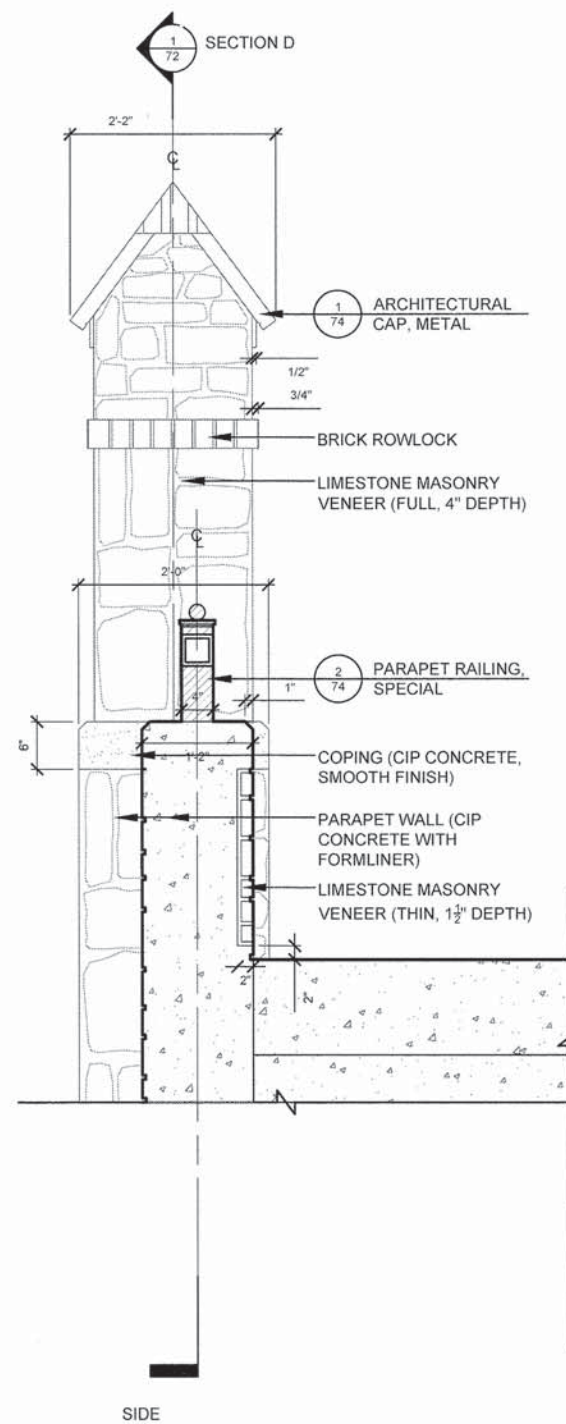
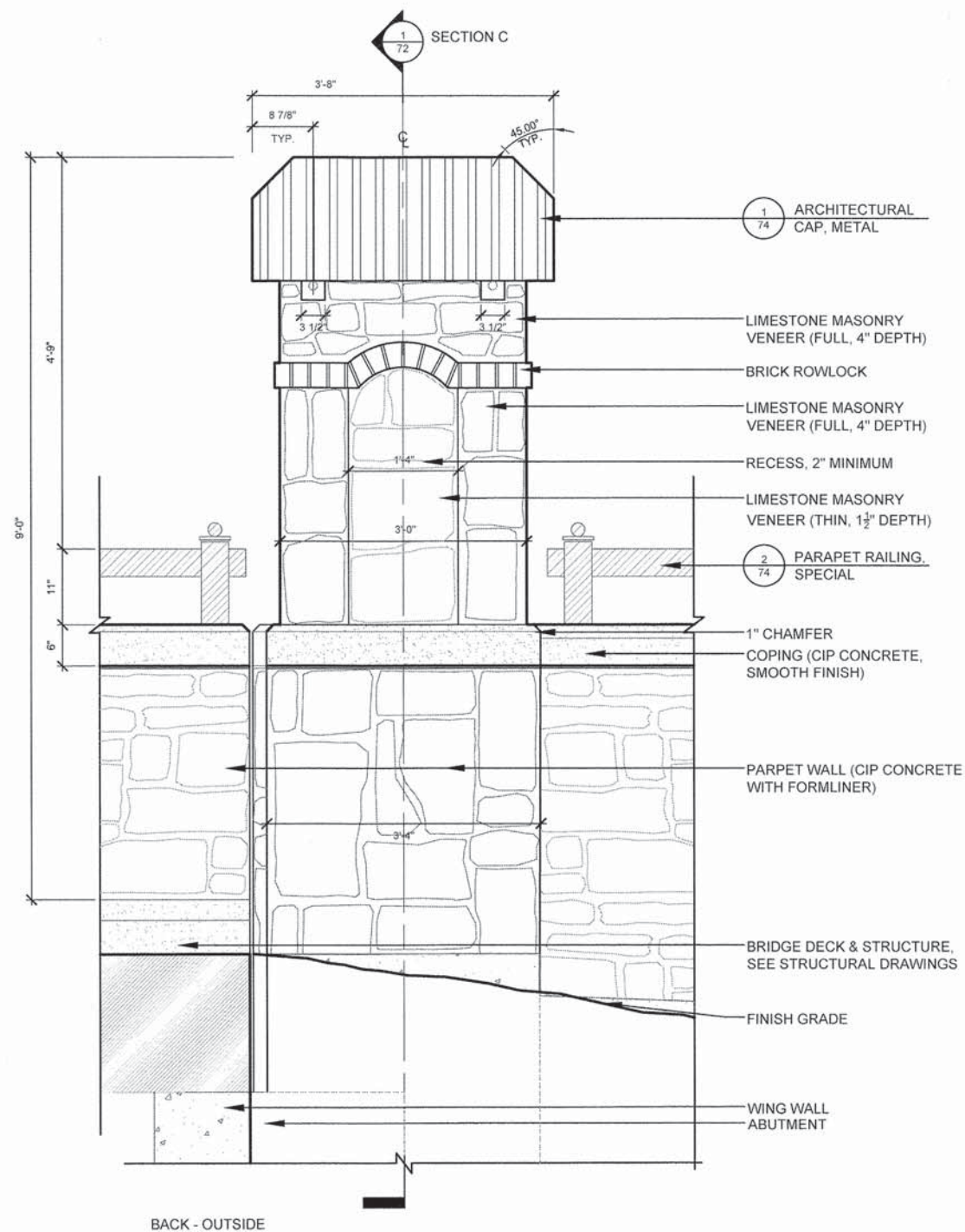
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	70
CONTRACT NO. 41811				ILLINOIS FED. AID PROJECT

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Plotted: 11/12/2014 By: SMC DONALD
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NOTE:
SEE STRUCTURAL FOR
RECESSED LIGHTS IN PARAPET

1

DECORATIVE MASONRY COLUMN, SMALL- ELEVATIONS

Scale: 1" = 1'-0"



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DRAWN - SMM	REVISED -
CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

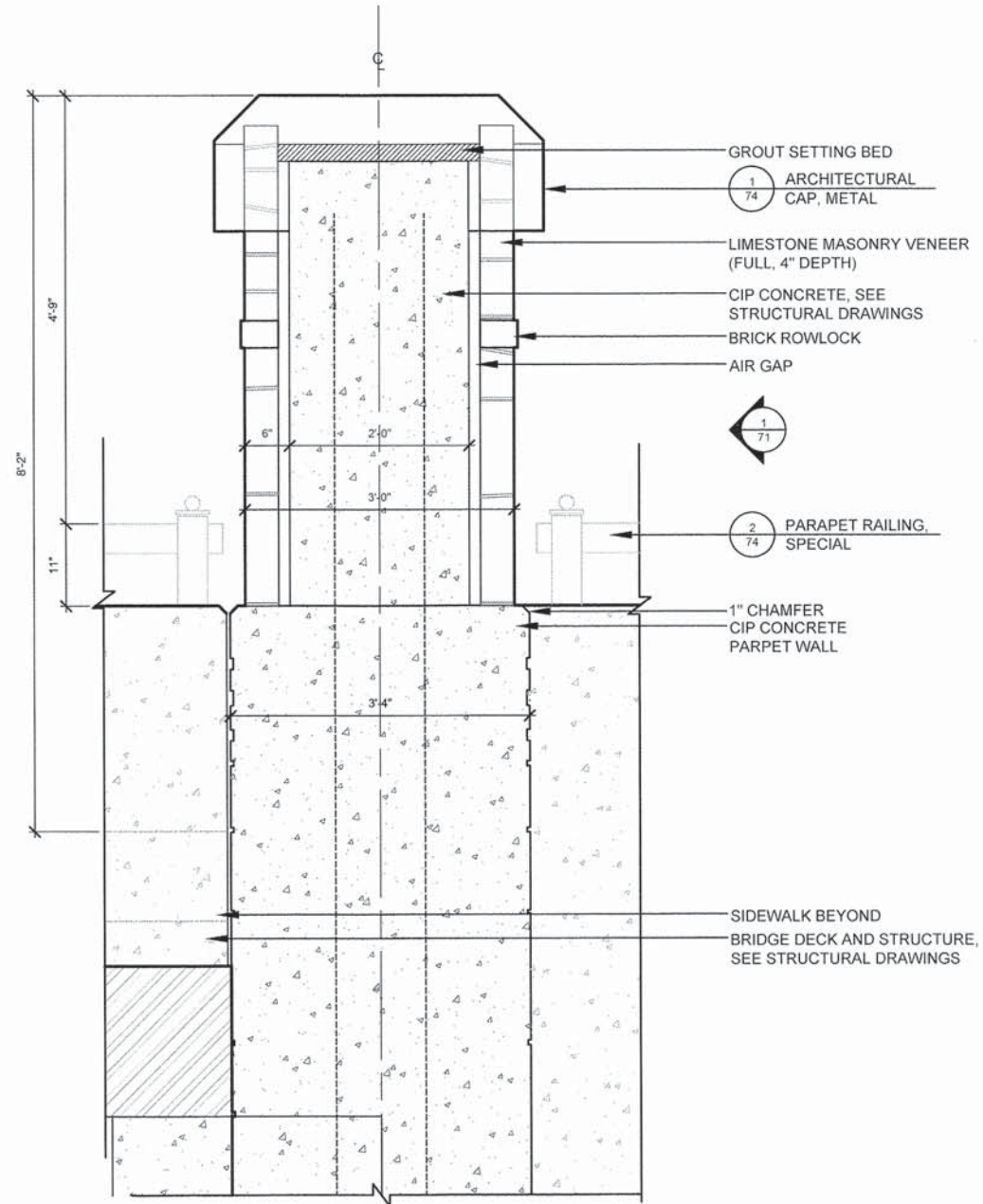
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

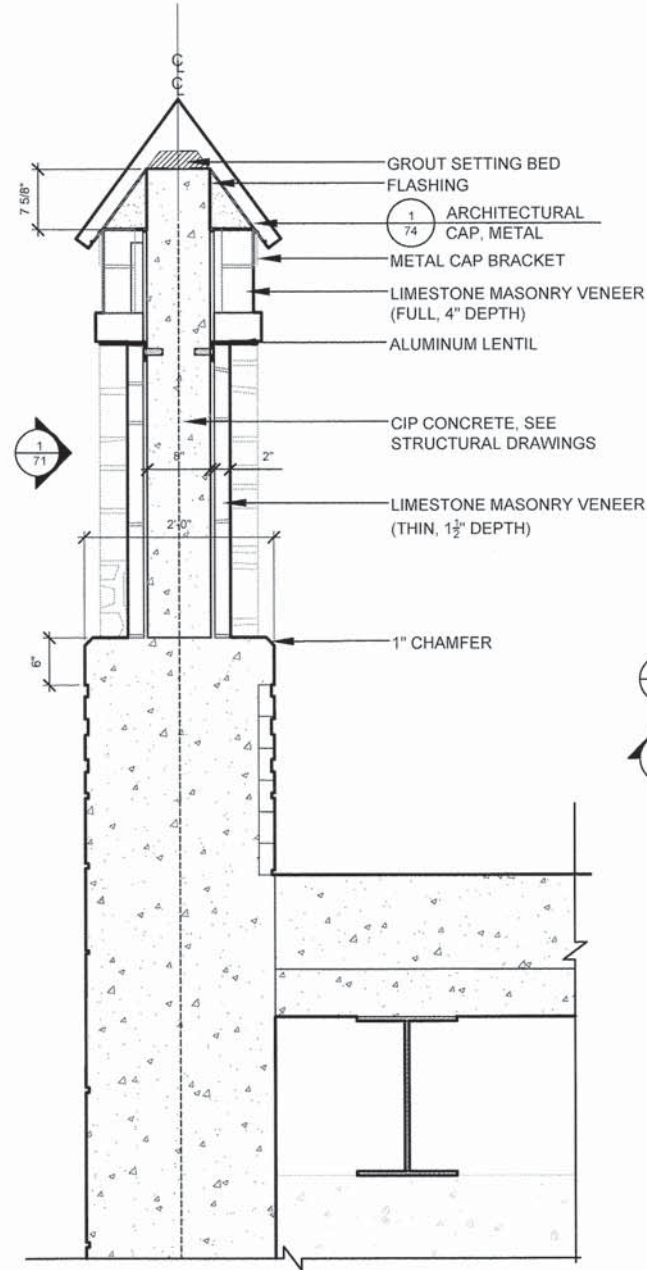
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	71
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT				

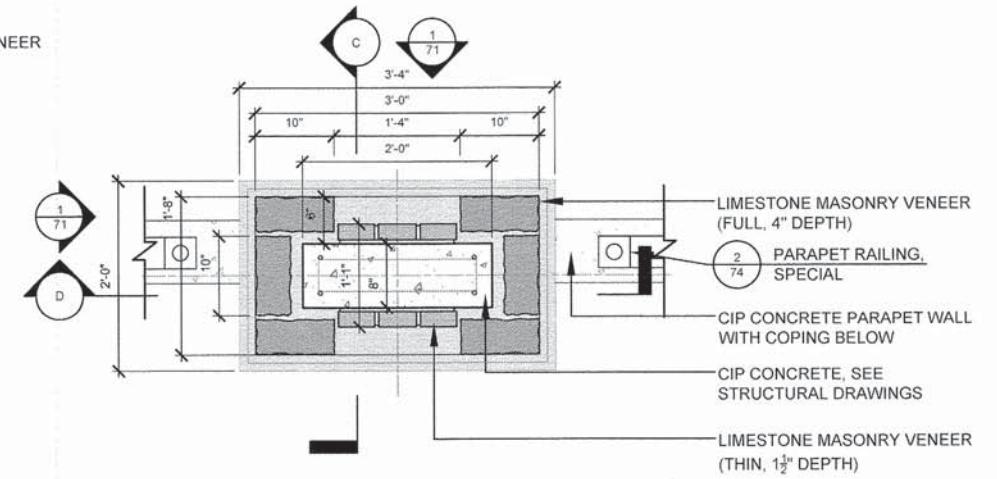
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SECTION C



SECTION D



PLAN

NOTE:
SEE STRUCTURAL FOR
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1

DECORATIVE MASONRY COLUMN, SMALL - PLAN AND SECTIONS

Scale: 1" = 1'-0"



DESIGNED - MEU	REVISED -
DRAWN - SMM	REVISED -
CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

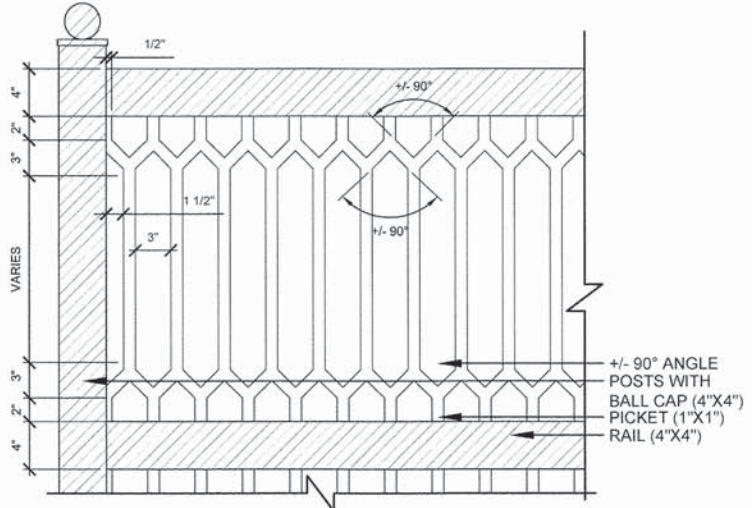
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

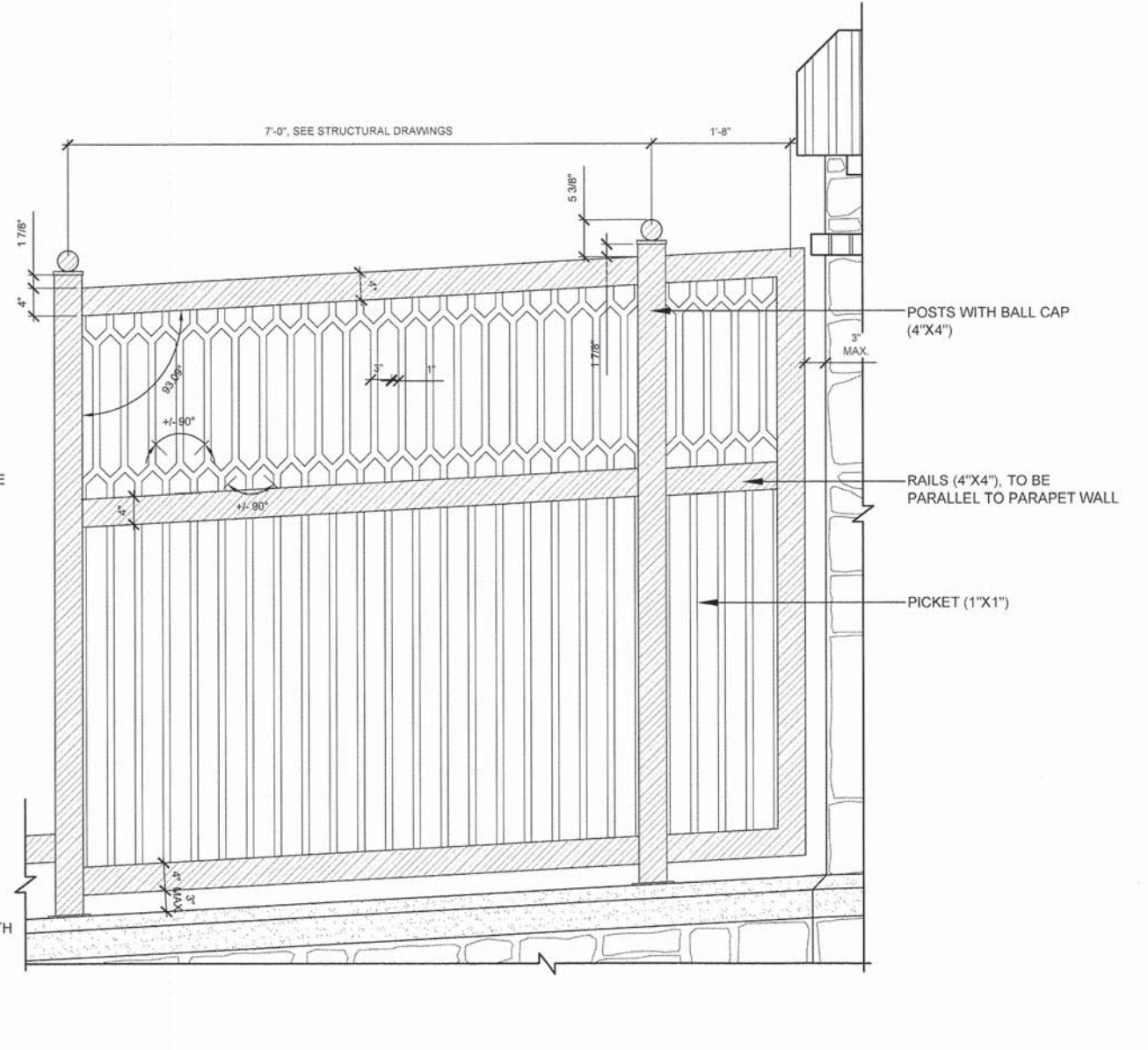
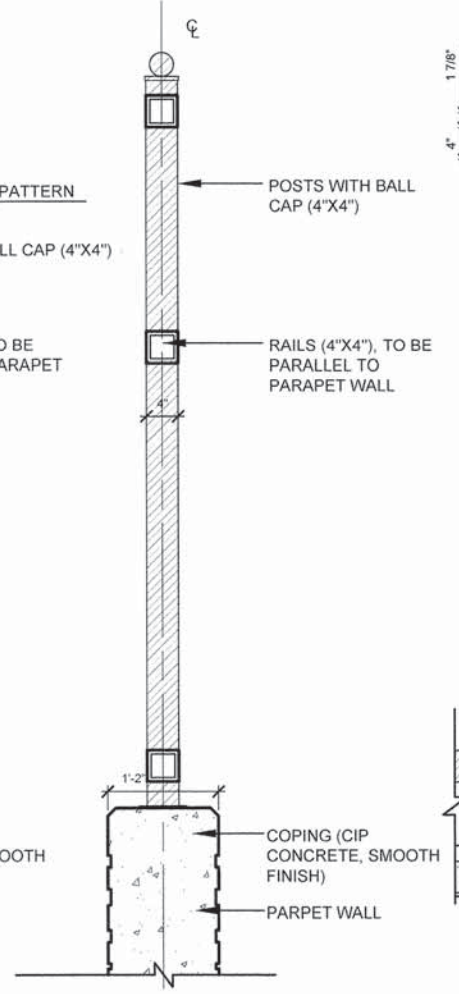
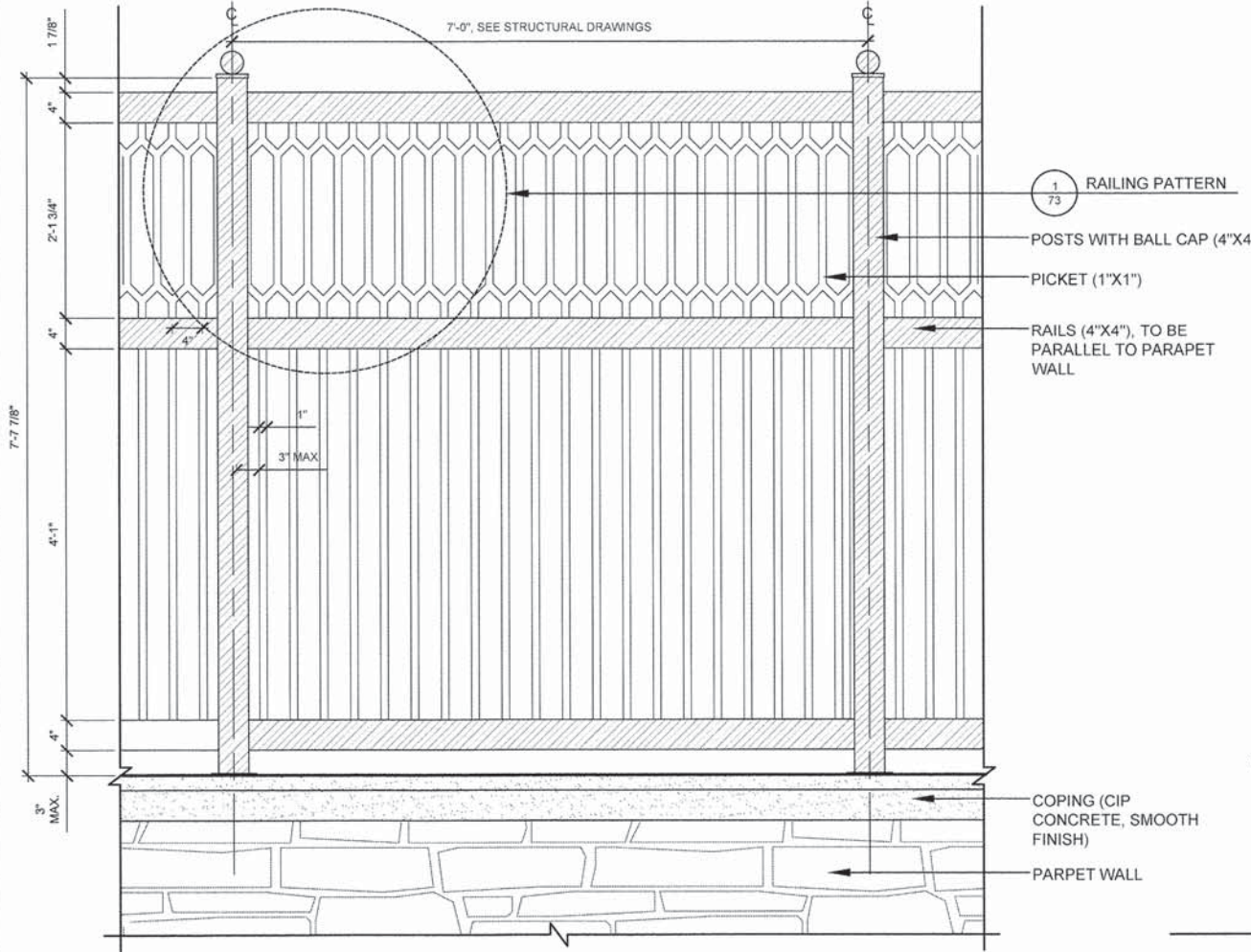
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	72
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT				

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Plotted: 11/12/2014 By: SMC DONALD
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1 RAILING PATTERN
Scale: 1 1/2" = 1'-0"



2 BRIDGE FENCE RAILING (SPECIAL)-ELEVATIONS
Scale: 1" = 1'-0"



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DATE - 12-12-2014	REVISED -

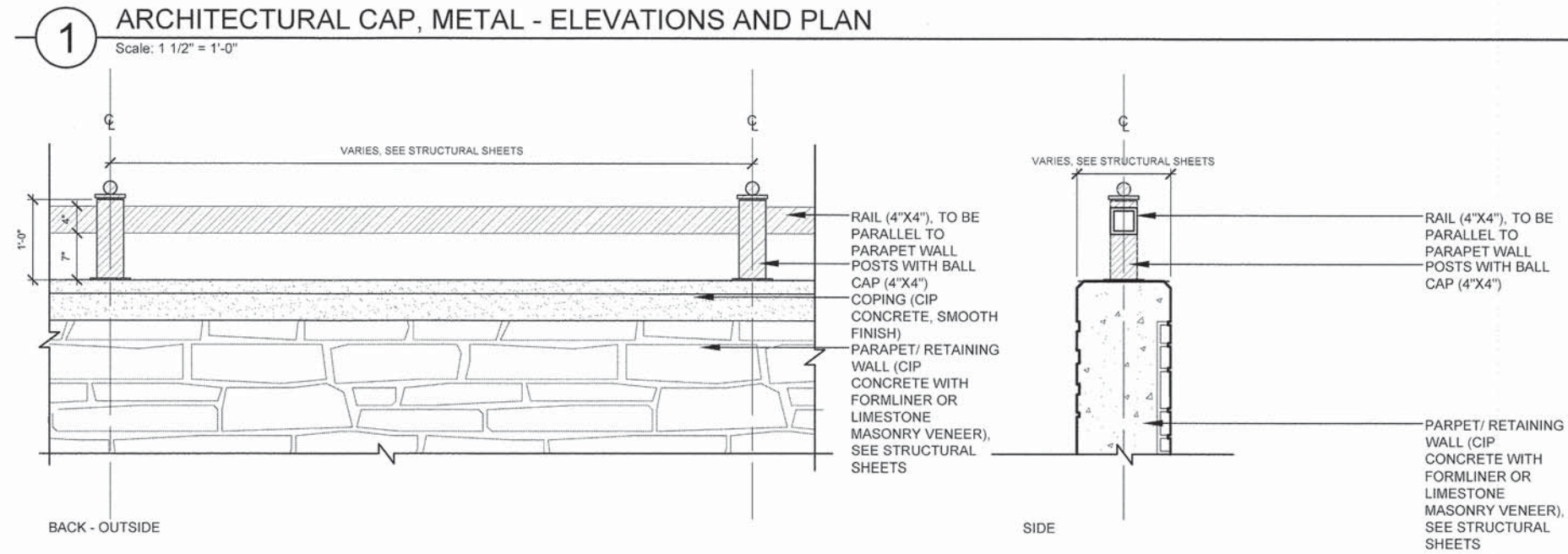
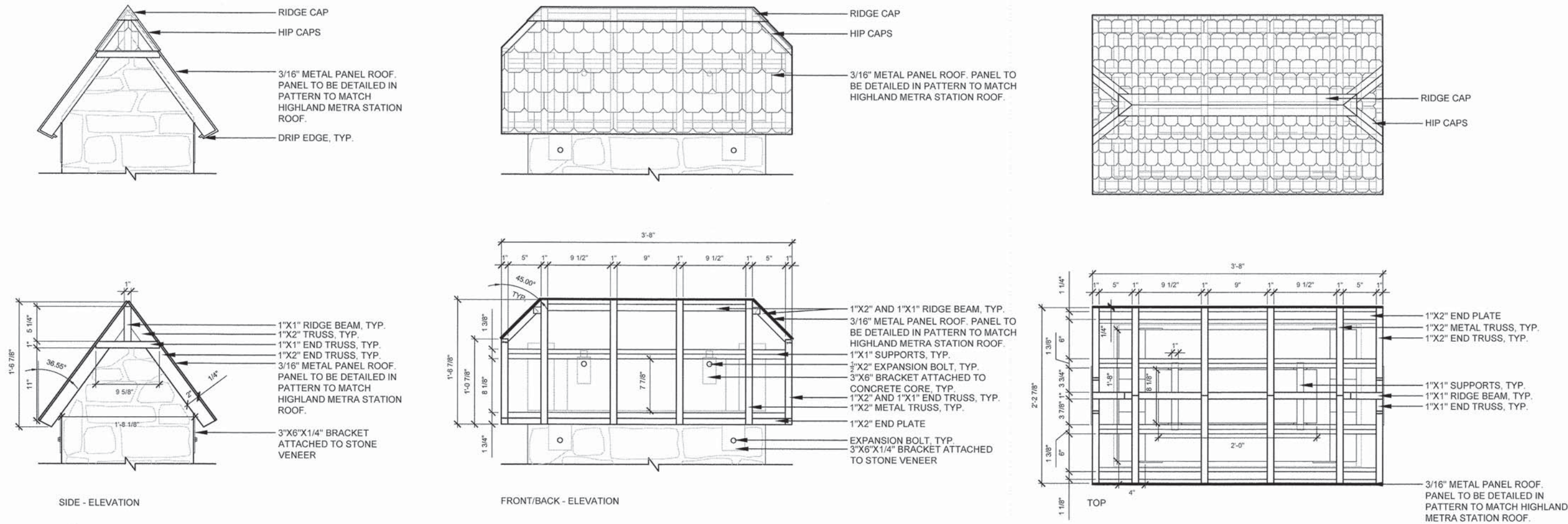
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	73
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT				

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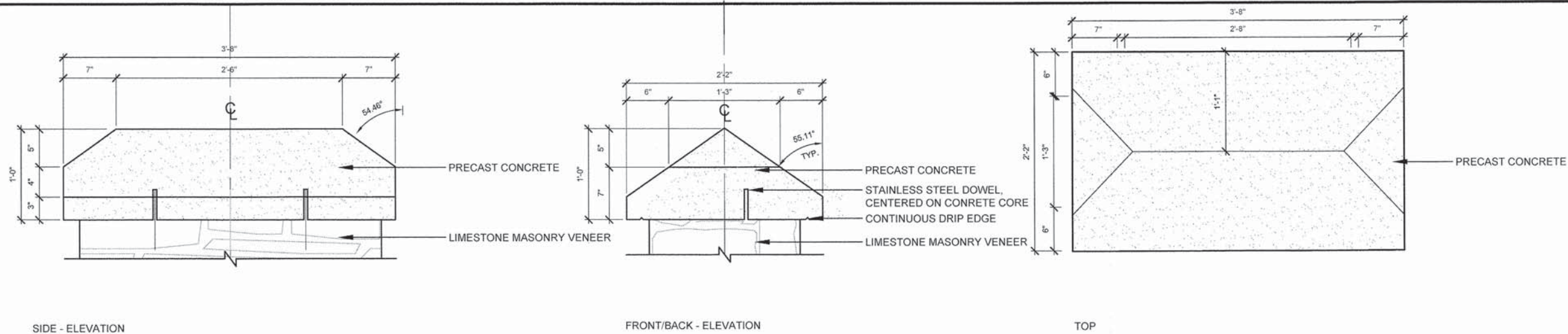
DESIGNED - MEU	REVISED -
DRAWN - SMM	REVISED -
CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

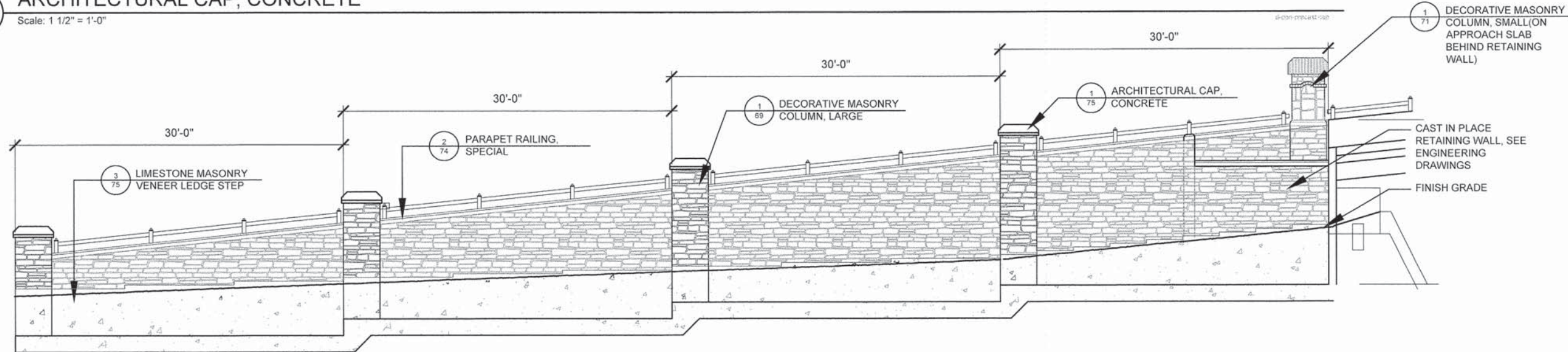
LANDSCAPE DETAILS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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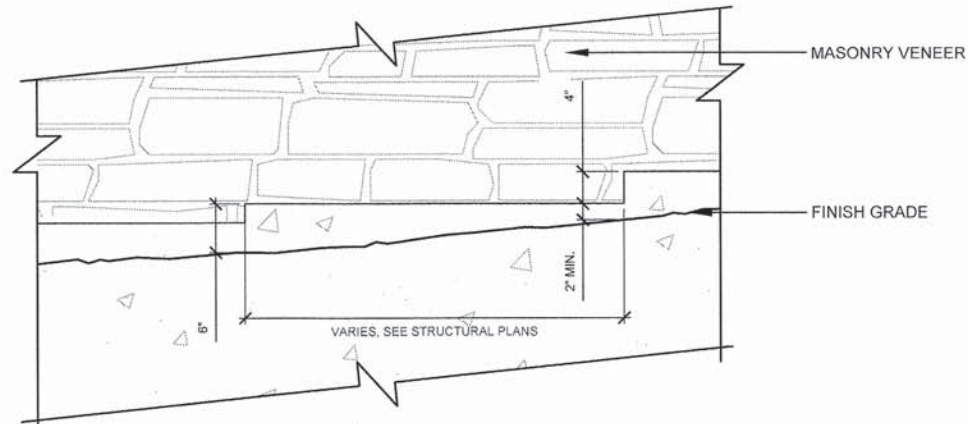
F.A.U. RTE. 2999	SECTION 10-00089-00-BR	COUNTY DUPAGE	TOTAL SHEETS 157	SHEET NO. 74
CONTRACT NO. 61811				ILLINOIS FED. AID PROJECT



1 ARCHITECTURAL CAP, CONCRETE Scale: 1 1/2" = 1'-0"



2 RETAINING WALL ELEVATION - SEE STRUCTURAL SHEETS FOR DETAILS AND DIMENSIONS Scale: 3/16" = 1'-0"



3 MASONRY VENEER LEDGE STEP Scale: 1" = 1'-0"

Detail: masonry veneer ledge step

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

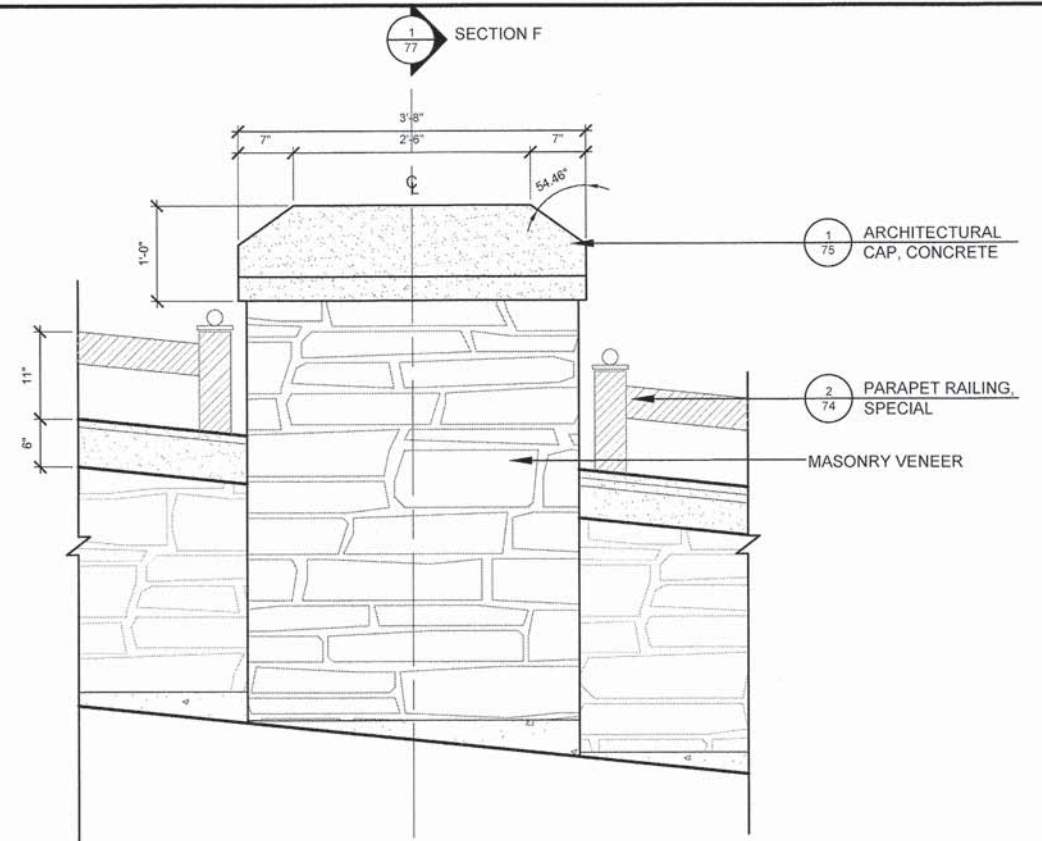
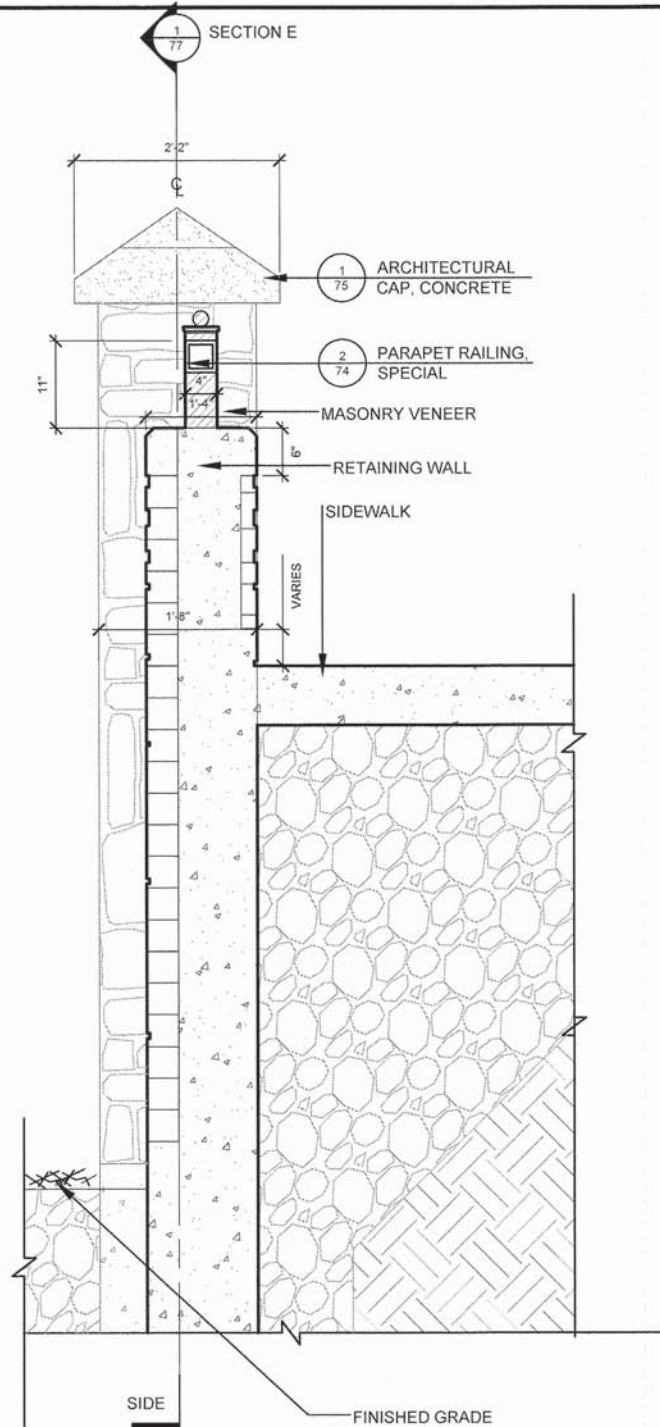
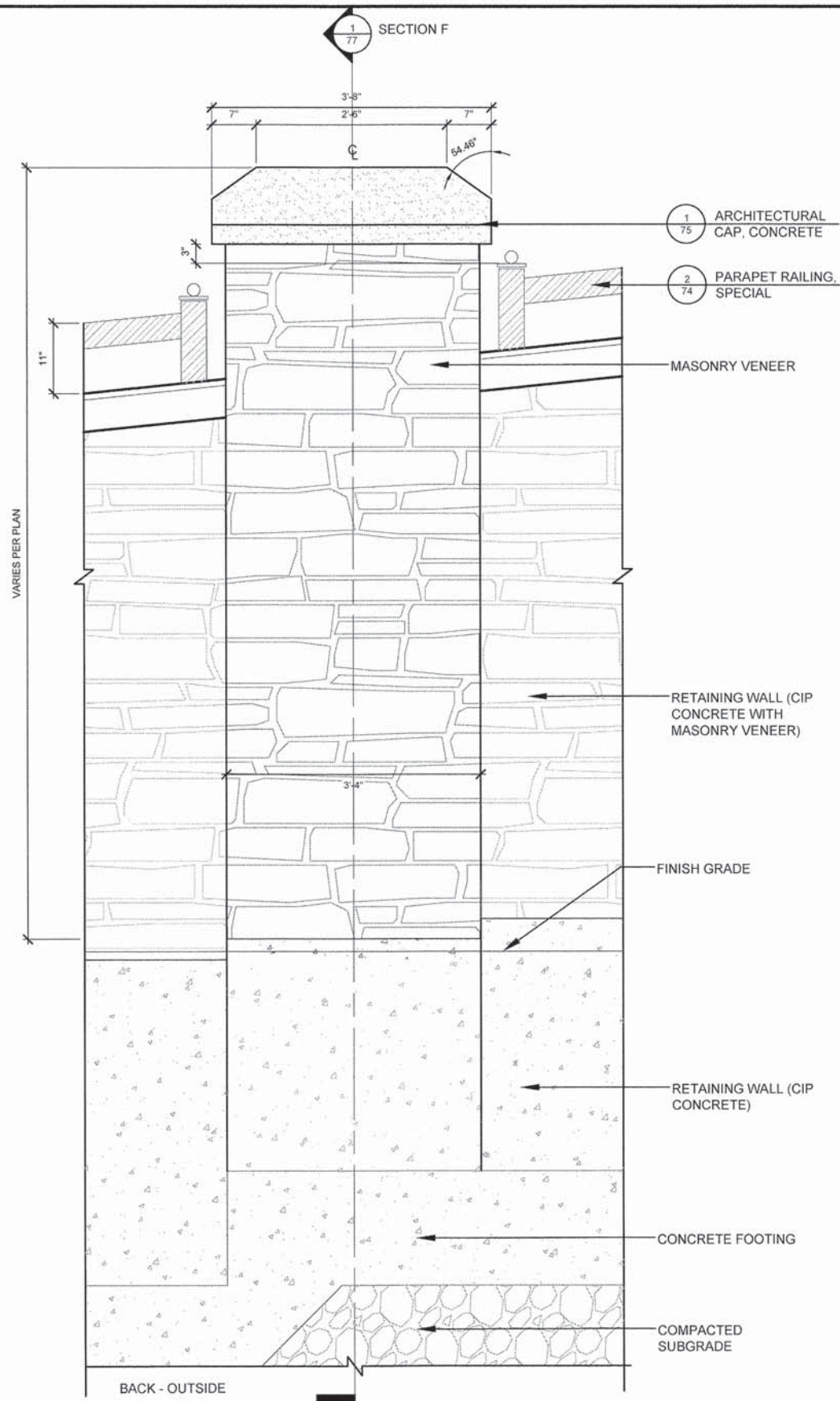
LANDSCAPE DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	75
CONTRACT NO.				61811
ILLINOIS FED. AID PROJECT				

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

DESIGNED - MEU	REVISED -
DRAWN - SMM	REVISED -
CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

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Plotted: 11/12/2014, By: SMC/DNALD
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NOTE:
SEE STRUCTURAL FOR
RECESSED LIGHTS IN PARAPET

1

DECORATIVE MASONRY COLUMN, SMALL AT RETAINING WALL - ELEVATIONS

Scale: 1" = 1'-0"



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DATE - 12-12-2014	REVISED -

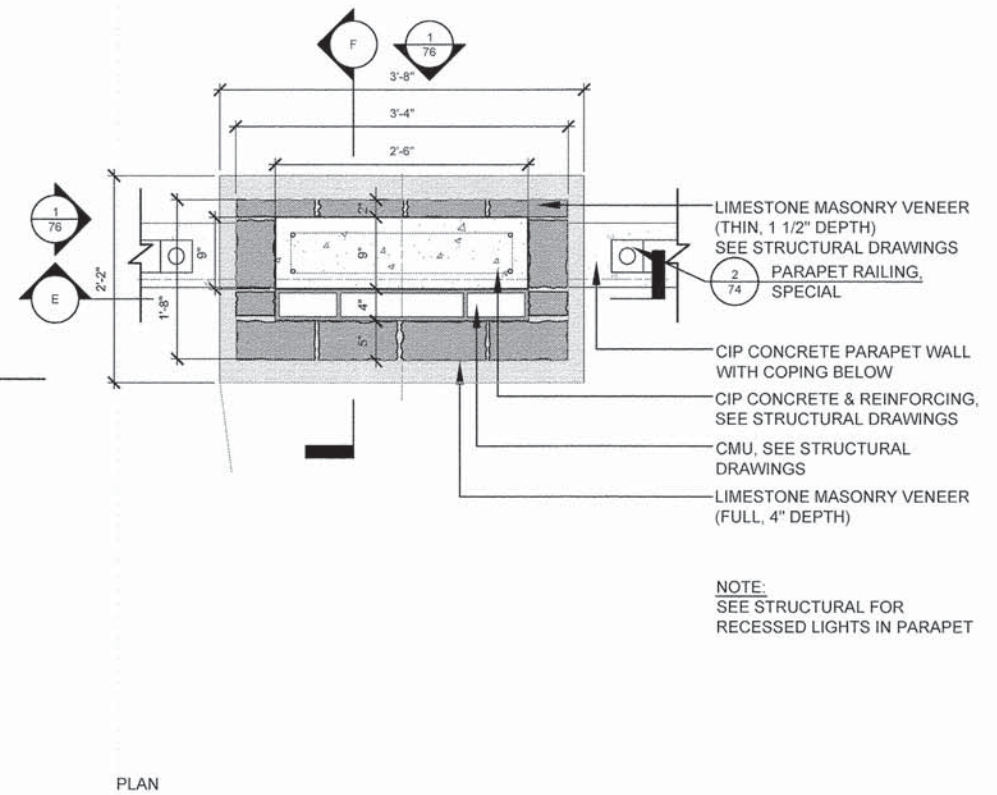
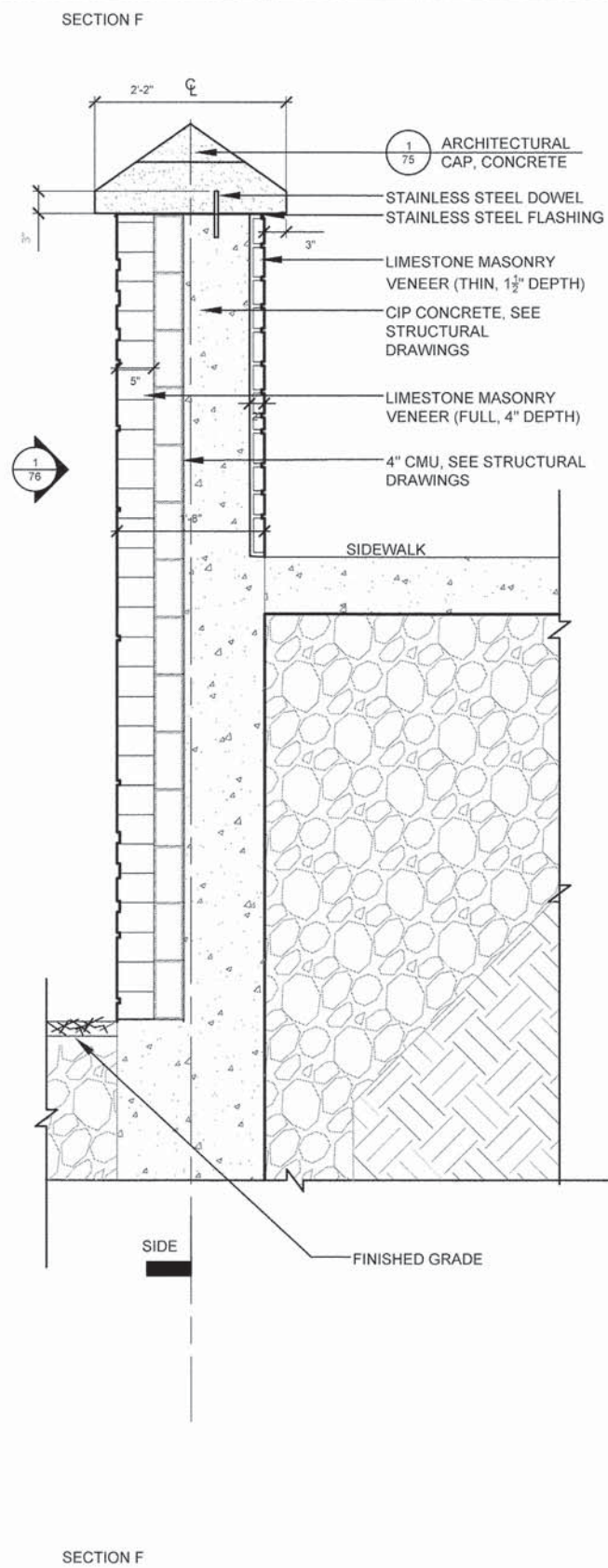
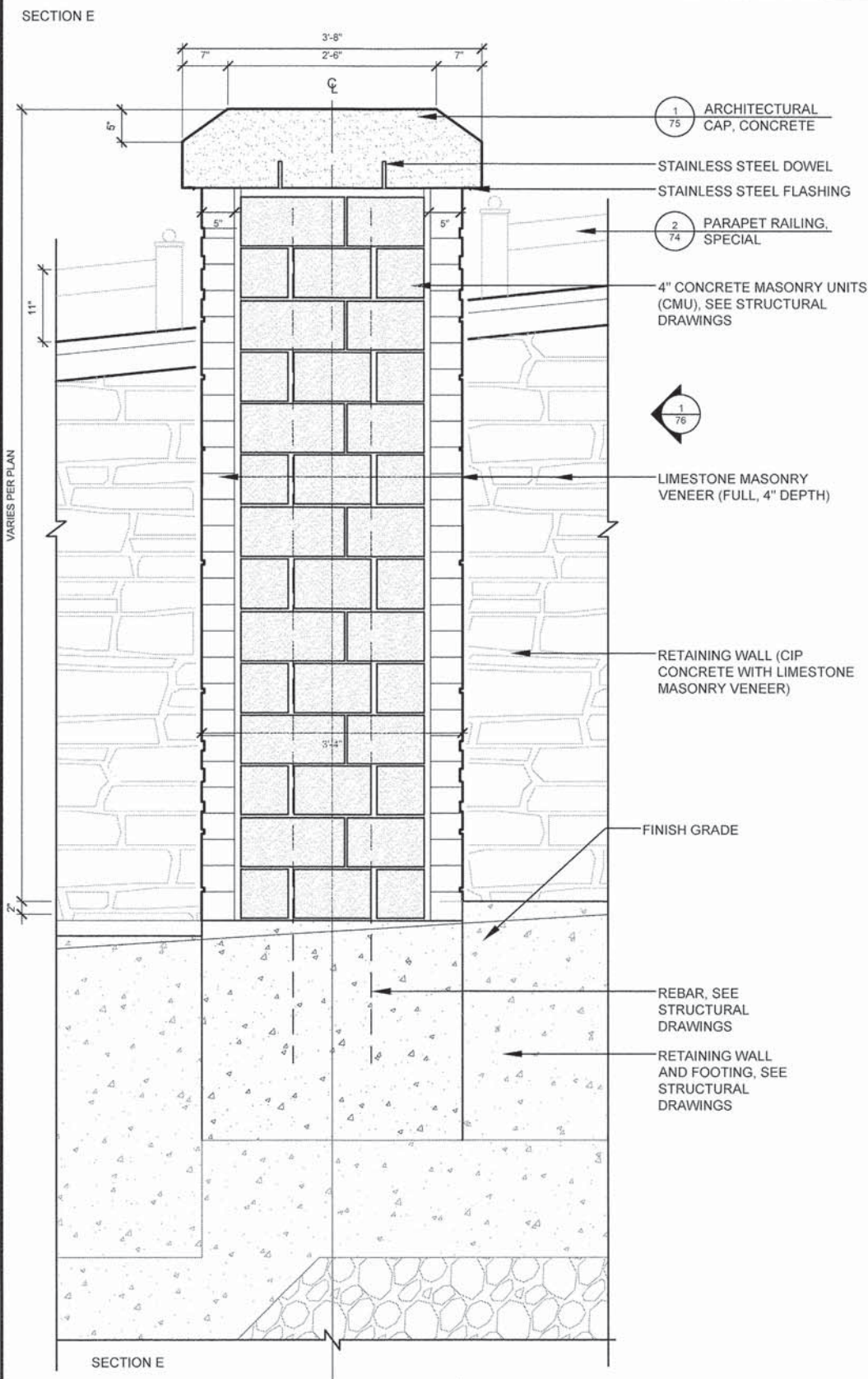
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	76
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT				

\\HITCHCOCKDESIGNGROUP.COM\NAPERVILLE\OFFICE\PROJECTS\1000\1051-HR GREEN\001-HINSDALE OAK STREET BRIDGE\1-H GRAPHICS\05-DD-CD\03-DETAILS.DWG 77
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1 DECORATIVE COLUMN, SMALL/LARGE - PLAN AND SECTIONS
Scale: 1" = 1'-0"



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CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	77
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT				

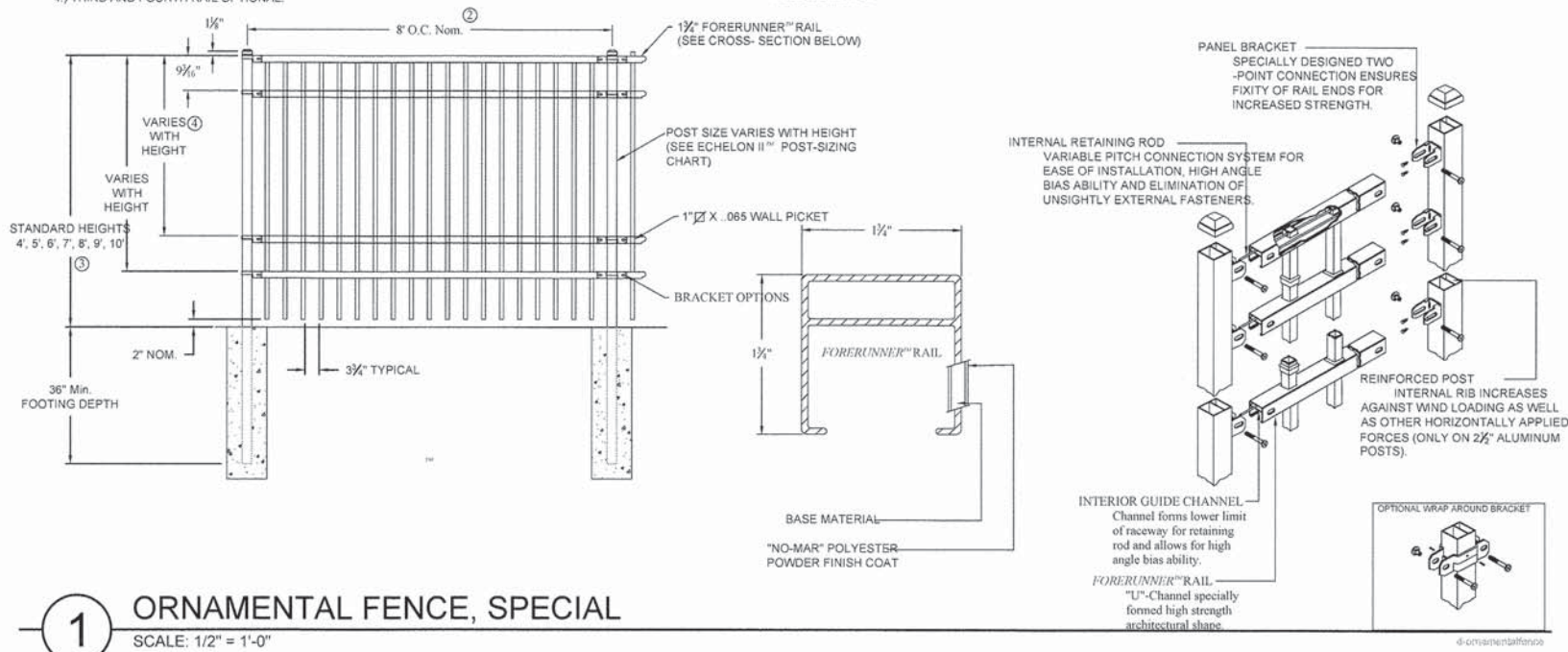
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Plotted: 11.12.2014 By: SMC DONALD
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NOTES:

- 1.) POST SIZE DEPENDS ON FENCE HEIGHT AND WIND LOADS. SEE ECHELON II POST SIZING CHART.
- 2.) PANELS ALSO AVAILABLE FOR 6' ON CENTER POST SPACING.
- 3.) ADDITIONAL HEIGHTS AVAILABLE ON REQUEST. SOME HEIGHTS NOTED REQUIRE A THIRD AND/OR FOURTH RAIL.
- 4.) THIRD AND FOURTH RAIL OPTIONAL.

REV A ORIG. 3-26-09
REV B TOOK OFF ZINC COATING PHASE PER M.E. 11-12-09
REV C ADDED NOTE ABOUT INSTALLATION 6-17-10
REV D CHANGED 2-PIECE RAIL TO SINGLE PIECE DESIGN 11-8-11
REV E MOVED 4TH RAIL UP TO MATCH RAIL SPACING OF TOP 2 RAILS 02-07-12

VALUES SHOWN ARE NOMINAL AND NOT TO BE USED FOR INSTALLATION PURPOSES. SEE PRODUCT SPECIFICATION FOR INSTALLATION REQUIREMENTS.



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CHECKED - TCK	REVISED -
DATE - 12-12-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	78
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT				

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CRECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 12/15/2014 4:30:58 PM
FILE NAME: 012-101-000-000-000.dgn
PLOT DRIVER: pdf-plot
PLOT TABLE: standard-trans-screen-1000.tbl

ABBREVIATIONS

GS GALVANIZED STEEL
HH HANDHOLE
LED LIGHT-EMITTING DIODE
LT LEFT
RT RIGHT
STA STATION
UGC UNDERGROUND CONDUIT
V VOLTS

EXAMPLE CIRCUITRY DESIGNATION

CONTROL CABINET
CIRCUITRY
POLE NUMBER
SW-1

GENERAL NOTES

1. SPlicing OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
2. LIGHTING CIRCUITS SHALL BE WIRED IN ACCORDANCE WITH THE PLANS. DEVIATIONS WILL NOT BE PERMITTED WITHOUT APPROVAL OF THE ENGINEER.
3. ALL WORK SHALL CONFORM TO THE LATEST IDOT DISTRICT ONE STANDARDS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, AND THE NATIONAL ELECTRICAL SAFETY CODE.
4. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED AND LABELED.
5. ALL CONDUITS SHALL BE SEALED.
6. ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFIERS.
7. CIRCUITS SHALL BE TESTED PER SPECIFICATIONS.
8. THE LOCATIONS OF ALL CONDUIT IS ILLUSTRATED SCHEMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET THE APPROVAL OF THE ENGINEER.
9. CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM OF 30" BELOW THE FINISHED GRADE. ANY ADDITIONAL EXCAVATION NECESSARY TO AVOID EXISTING OR PROPOSED UTILITIES SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONDUIT OR UNIT DUCT.
10. 40' OF ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2 SHALL BE PROVIDED IN THE BASE OF THE CONTROLLER FOR SERVICE INSTALLATION - POLE MOUNTED.
11. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT COMMONWEALTH EDISION TO PROVIDE THE ELECTRIC UTILITY SERVICE CONNECTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO THE CONTROLLER BEING CONNECTED TO COMED.

PROFESSIONAL ENGINEER'S SIGN & SEAL

FOR ELECTRICAL SHEETS: SHT 79 TO SHT 85
STEVEN R. JUNOD, P.E.
EXPIRES: 11/30/2015



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USER NAME = dstance	DESIGNED - TSC	REVISED -
	DRAWN - DS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RD	REVISED -
PLOT DATE = 12/15/2014	DATE -	REVISED -

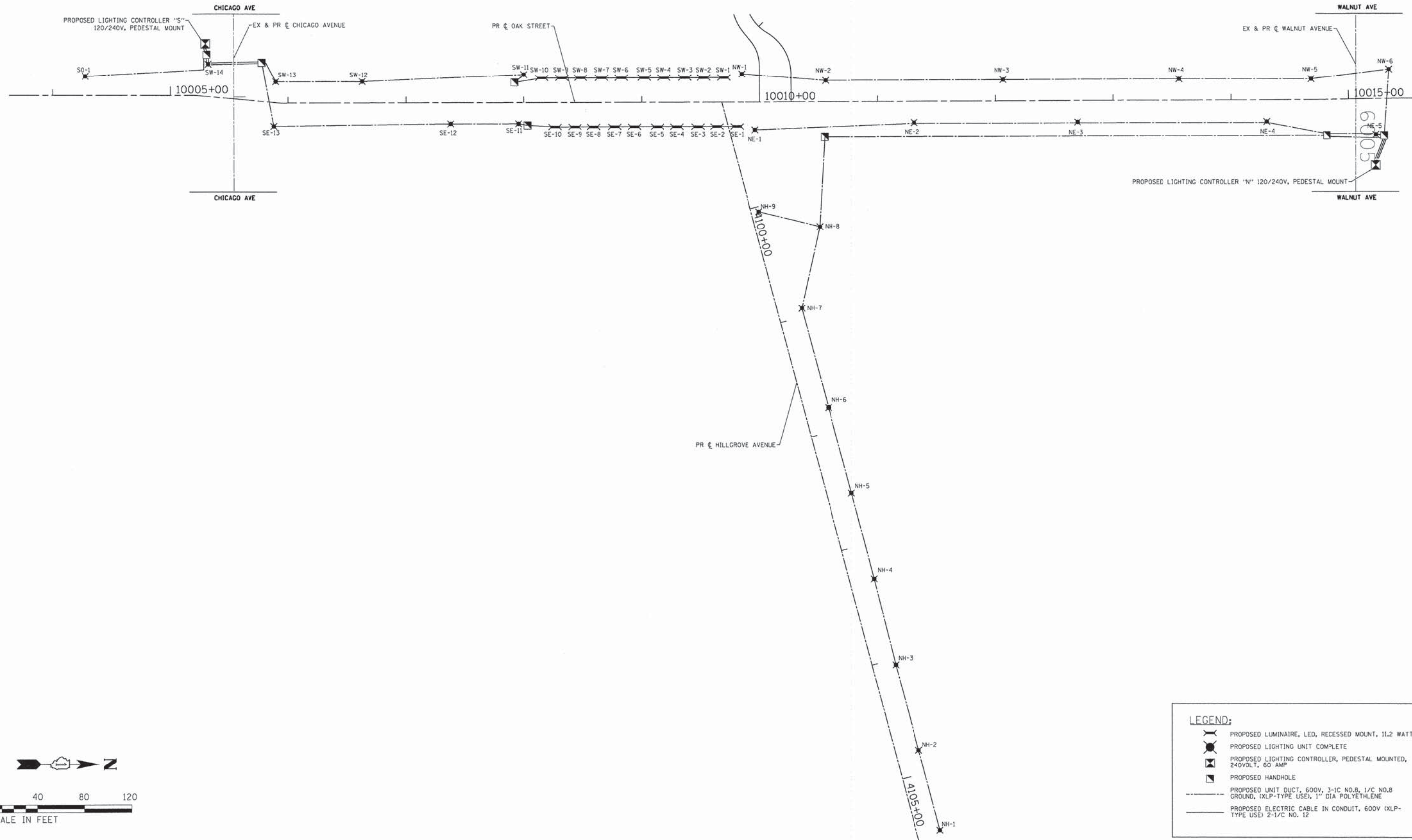
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL ABBREVIATIONS
AND GENERAL NOTES

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

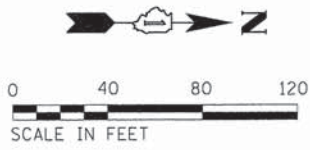
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	79
CONTRACT NO.				61811

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



LEGEND:

- PROPOSED LUMINAIRE, LED, RECESSED MOUNT, 11.2 WATT
- PROPOSED LIGHTING UNIT COMPLETE
- PROPOSED LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60 AMP
- PROPOSED HANDHOLE
- PROPOSED UNIT DUCT, 600V, 3-1C NO.8, 1/2\"/>
- PROPOSED ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/2\"/>



COMPANY NAME: HR GREEN
PROJECT CONTACT: J. SCOTT GREEN, P.E.
PROJECT LOCATION: 1100 S. OGDEN AVE
DATE PLOTTED: 12/15/2014 3:50:43 PM
FILE NAME: 032.11q.wiring.dgn
PLOT DRIVER: pdf_vault
PEN TABLE: standard-trans-screen-top.dgn

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USER NAME = dstancz	DESIGNED - TSC	REVISED -
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CHECKED - RD	REVISED -	
PLOT SCALE = 1"=40'		
PLOT DATE = 12/15/2014	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION**

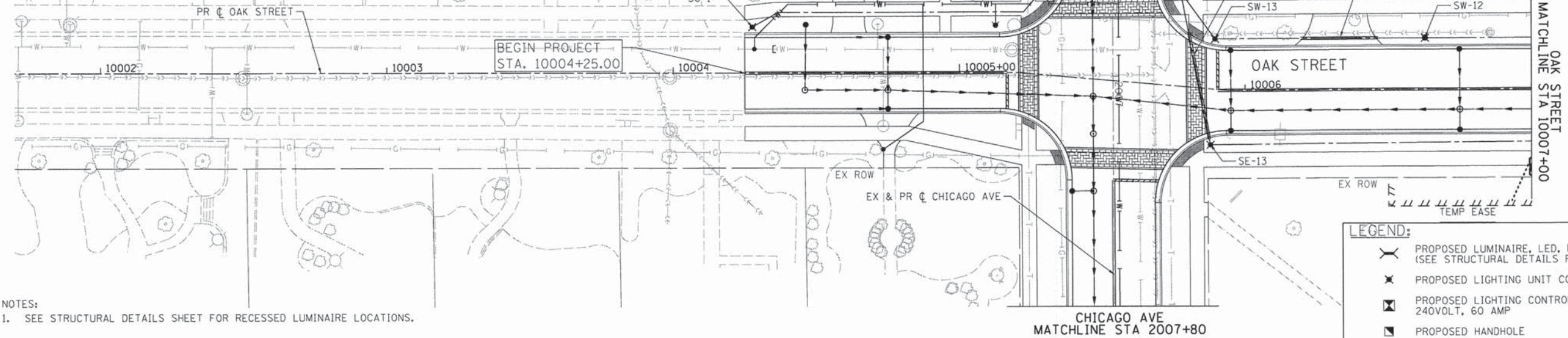
STREET LIGHTING WIRING DIAGRAM

SCALE: 1"=40' SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61B11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

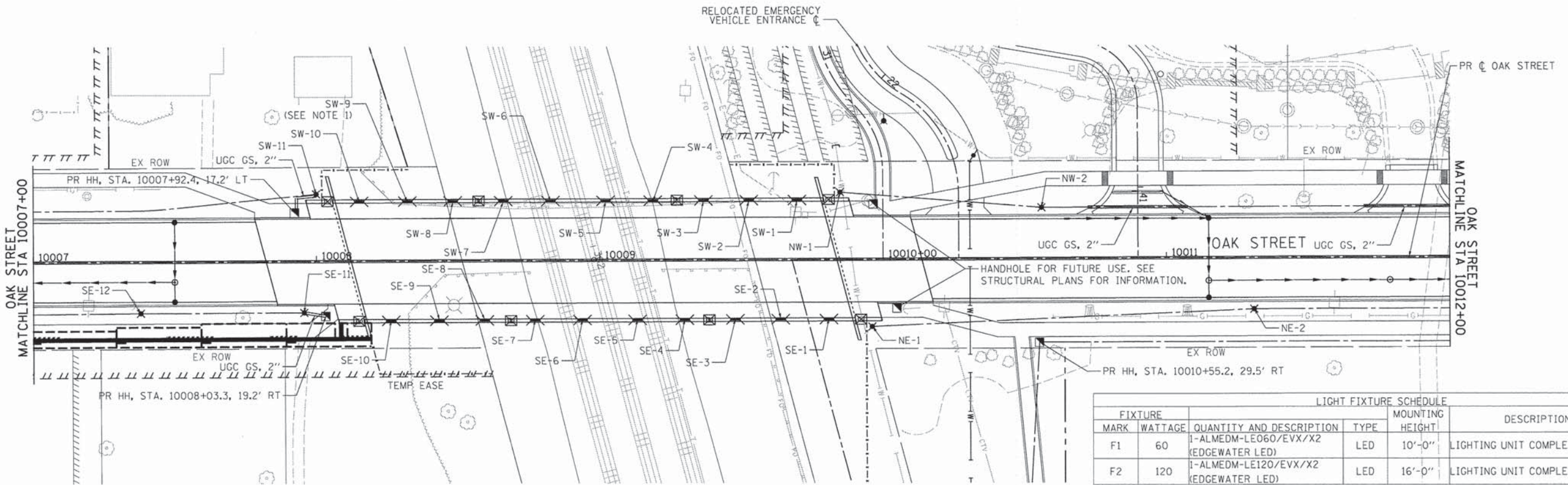
LIGHTING UNIT LOCATION SCHEDULE			
POLE #	MARK	STATION	OFFSET
SO - 1	F1	10004+27.7	16.1' LT
SW - 14	F1	10005+29.5	27.2' LT
SW - 13	F1	10005+88.0	17.6' LT
SW - 12	F1	10006+63.0	18' LT
SW - 11	F2	10008+00.0	23.7' LT
SE - 13	F1	10005+89.6	19.5' RT
SE - 12	F1	10007+38.0	18' RT

LIGHTING UNIT LOCATION SCHEDULE			
POLE #	MARK	STATION	OFFSET
SE - 11	F2	10007+95.6	18' RT
NW - 1	F2	10009+84.9	23.7' LT
NW - 2	F1	10010+56.0	18' LT
NE - 1	F2	10009+96.1	23.7' RT
NE - 2	F1	10011+31.0	18' RT



NOTES:
1. SEE STRUCTURAL DETAILS SHEET FOR RECESSED LUMINAIRE LOCATIONS.

LEGEND:	
	PROPOSED LUMINAIRE, LED, RECESSED MOUNT, 11.2 WATT (SEE STRUCTURAL DETAILS FOR LUMINAIRE DETAILS)
	PROPOSED LIGHTING UNIT COMPLETE
	PROPOSED LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60 AMP
	PROPOSED HANDHOLE
	PROPOSED UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA POLYETHYLENE
	PROPOSED UNDERGROUND CONDUIT, GALVANIZED STEEL



LIGHT FIXTURE SCHEDULE					
MARK	WATTAGE	QUANTITY AND DESCRIPTION	TYPE	MOUNTING HEIGHT	VOLTAGE
F1	60	1-ALMEDM-LE060/EVX/X2 (EDGEWATER LED)	LED	10'-0"	LIGHTING UNIT COMPLETE -TY. F1 240
F2	120	1-ALMEDM-LE120/EVX/X2 (EDGEWATER LED)	LED	16'-0"	LIGHTING UNIT COMPLETE -TY. F2 240

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
DATE PLOTTED: 12/15/2014 5:56:47 PM
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HRGreen.com
Illinois Professional Design Firm
#194-001322

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PLOT SCALE = 1"=20'
PLOT DATE = 12/15/2014

DESIGNED - TSC
DRAWN - DS
CHECKED - RD
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

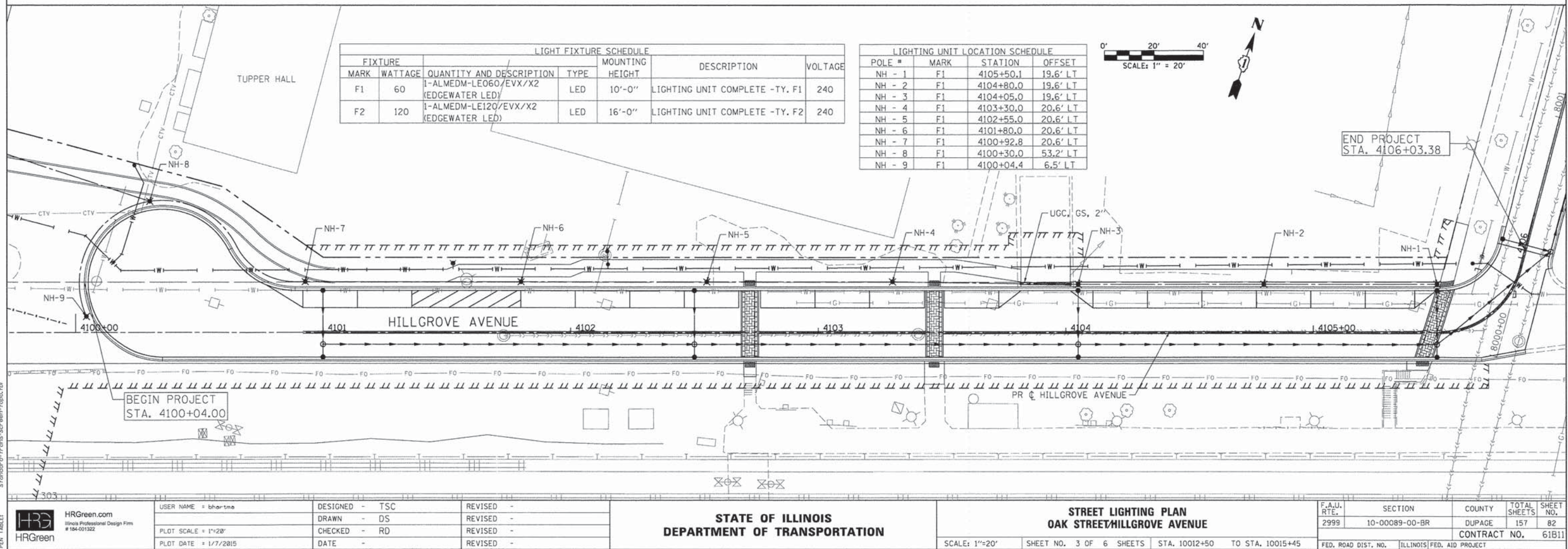
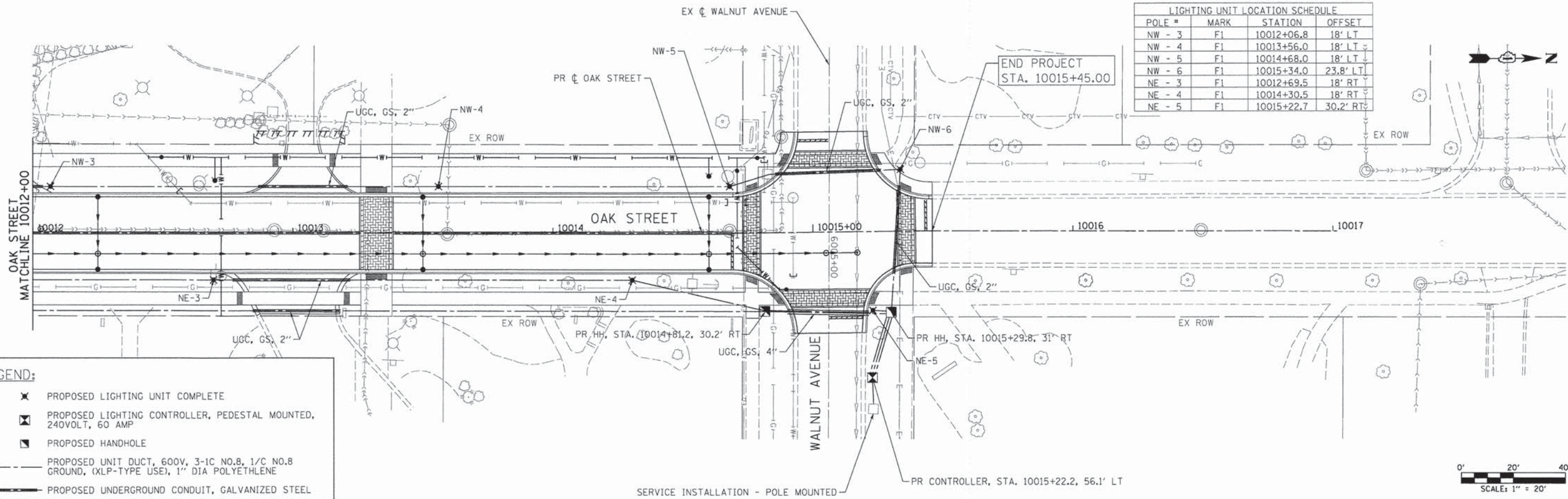
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING PLAN
OAK STREET

SCALE: 1"=20' SHEET NO. 2 OF 6 SHEETS STA. 10004+25 TO STA. 10012+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	81
CONTRACT NO. 61B11				

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



COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
DATE: 1/17/2015
FILE NAME: 032-11002-oak.dgn
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PEN TABLE: standard-trans-screen-table.tbl



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PLOT DATE = 1/17/2015

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DRAWN - DS
CHECKED - RD
DATE -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

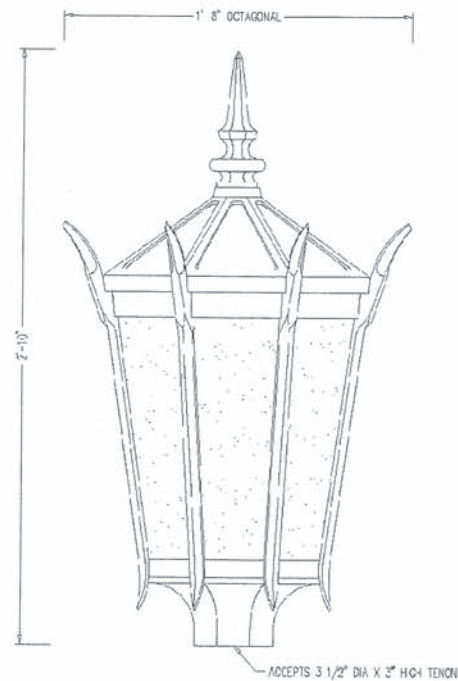
STREET LIGHTING PLAN
OAK STREET/HILLGROVE AVENUE

SCALE: 1"=20' SHEET NO. 3 OF 6 SHEETS STA. 10012+50 TO STA. 10015+45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	82
CONTRACT NO. 61B11				

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

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LUMINAIRE SPECIFICATIONS:

STYLE: EDGEWATER (MEDIUM FITTER)
HEIGHT: 2'-10"
WIDTH: 1'-8" OCTAGONAL
MATERIAL: CAST ALUMINUM ALLOY ANSI 356 PER A.S.T.M. B26-95
FINISH: POWDER COAT GLOSS BLACK
LAMPING: 60 WATT LED / 120 WATT LED
VOLTAGE: ELECTRONIC WIRE AT 120-277 VOLTS
COLOR TEMP.: 3000K (WARM WHITE)
DISTRIBUTION: TYPE III (ASYMMETRIC)
OPTICS: CROSSFIRE REFRACTIVE
PANELS: SEEDLED ACRYLIC
CATALOG NO.: ALMEDN-LE050/EXX/12-30-CR3-YSCP-FED-CU
ALMEDM-LE120/EXX/12-30-CR3-YSDP-FED-CU



Spring City Electrical Mfg. Co.

HALL AND MAIN STREETS - P.O. BOX 19 - SPRING CITY, IA 50475
PHONE (515) 948-4000 - FAX (515) 948-5577 - WWW.SPRINGCITY.MI.COM

DESCRIPTION	THE EDGEWATER LED LUMINAIRE (MEDIUM FITTER)		
CUSTOMER	Downtown Hinsdale		
JOB	Downtown Hinsdale		
SCALE	DRAWN BY:	DATE	DRAWING NO.
N.T.S.	JAK	10-10-14	SI02647

SEE STRUCTURAL PLANS FOR LUMINAIRE, LED,
RECESSED MOUNT, 11.2 WATT DETAILS

DO NOT SCALE

valmont

Valmont Industries, Inc. Structures Division
20805 Ealon Ave Farmington, Minnesota 55024-7932
Phone: (651) 463-8990 (800) 899-7577
Fax: (651) 463-3349

****CONFIDENTIAL****

The information contained in this drawing is privileged and confidential, and may be protected from disclosure. Please be aware that any use or dissemination of this drawing may be subject to legal restriction or sanction.

FILE:	S	HN17AS10049604B 4 BOLT POLE	QTY:	6
MODEL NO.:	100049604VX		OWN BY:	CEN
MATERIAL:	ALUMINUM ALLOY		CHKD BY:	
FINISH:	POWDER PAINT - DBL BLACK		APPR BY:	
PROJECT:	HINSDALE		DATE:	08-19-14
SOLD TO:	ERM		DWG NO.:	LH61172
SHIP TO:			PAGE:	1 / 1
P.O. NO.:	734075			
REP.:	LIGHTING SOLUTIONS OF ILLINOIS			

HR GREEN
COMPANY NAME: HR GREEN
PROJECT CONTACT: J. GREEN
CLIENT: VILLAGE OF HINSDALE
DATE PLOTTED: 12/15/2014 3:50:56 PM
FILE NAME: 012-101-0811.dgn
PLOT DRIVER: pdfLxplot
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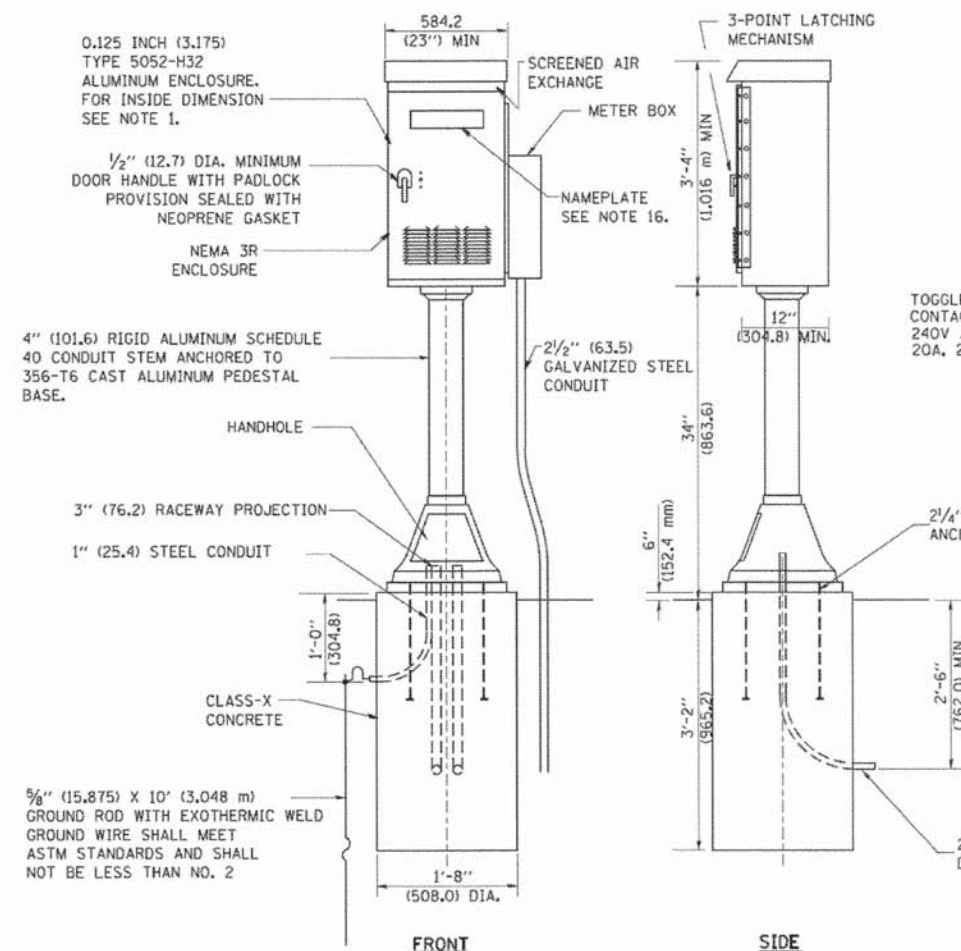


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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

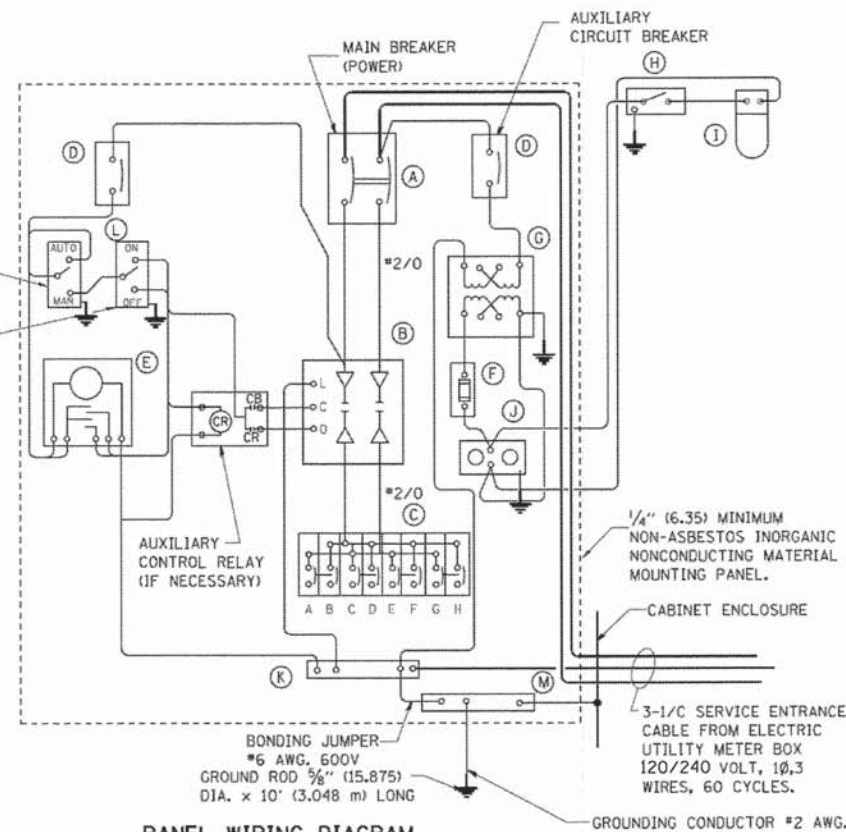
STREET LIGHTING DETAILS

SCALE: N.T.S.	SHEET NO. 4 OF 6 SHEETS	STA. TO STA.	F.A.U. RTE. 2999	SECTION 10-00089-00-BR	COUNTY	TOTAL SHEETS 157	SHEET NO. 83
			FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 61B11		



TWO POSITION
TOGGLE SWITCH

TOGGLE SWITCH MOMENTARY
CONTACT TYPE SPDT 20 A,
240V AC AND TOGGLE SWITCH
20A, 240V, TYPE SPDT



PANEL WIRING DIAGRAM

PANEL EQUIPMENT

BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 60 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 120 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 60 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	8	CIRCUIT BREAKERS, 2 POLE, 240V., 100 AMP., FRAME 20 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER [TIME SWITCH].
F	1	20 A., 120 V. FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 Hz.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN.
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 1/4\" (6.35) X 1\" (25.4) X 12\" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 4\" (101.6) X 4\" (101.6 mm) BOX.
M	1	COPPER GROUND BUS 1/4\" (6.35) X 1\" (25.4) X 12\" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS

NOTE: UTILITY SERVICE TO LIGHTING CONTROLLERS SHALL BE 120/240 VOLTS 1-PHASE, 3-WIRE, 60HZ



FOUNDATION PLAN

CONTROL CABINET

NOTES:

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- UNLESS OTHERWISE INDICATED, THE CABINET SHALL BE MOUNTED ATOP A 4-INCH (101.6 mm) RIGID ALUMINUM SCHEDULE 40 CONDUIT STEM ANCHORED TO A CAST ALUMINUM PEDESTAL BASE.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2\" (50.8 mm) TOP SOIL. LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36\" (914.4 mm) X 60\" (1524 mm) X 4\" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1/4\" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 12\" (304.8) X 16\" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "STATE OF ILLINOIS LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.

COMPANY NAME: HW GREEN
PROJECT CONTACT: T. SCOTT GREEN
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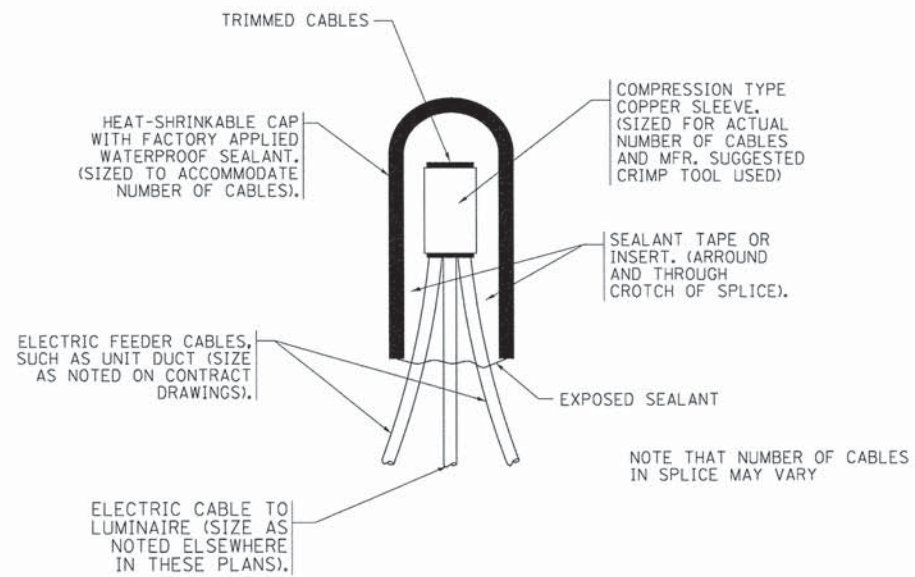
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

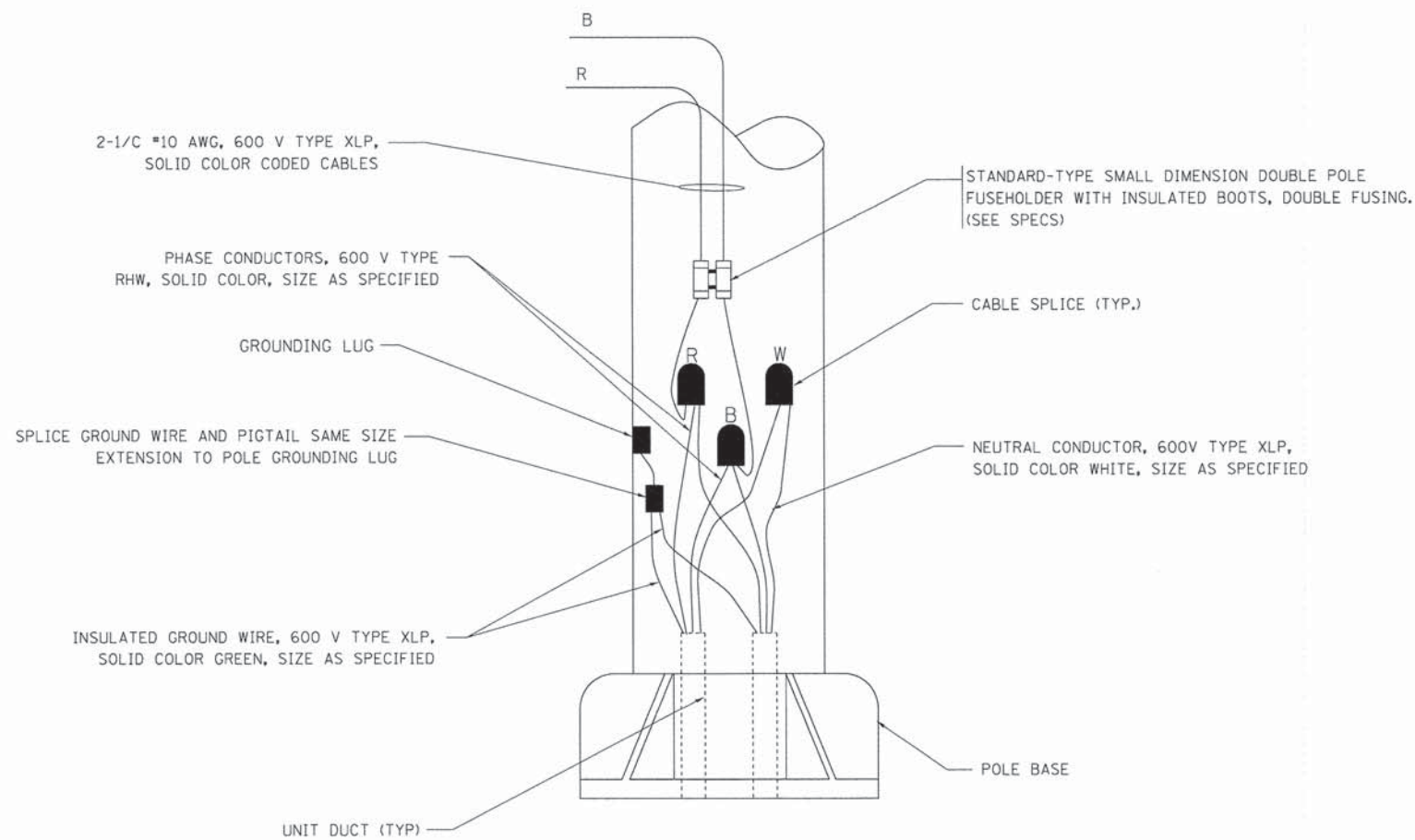
LIGHTING CONTROLLER
PEDESTAL MOUNT

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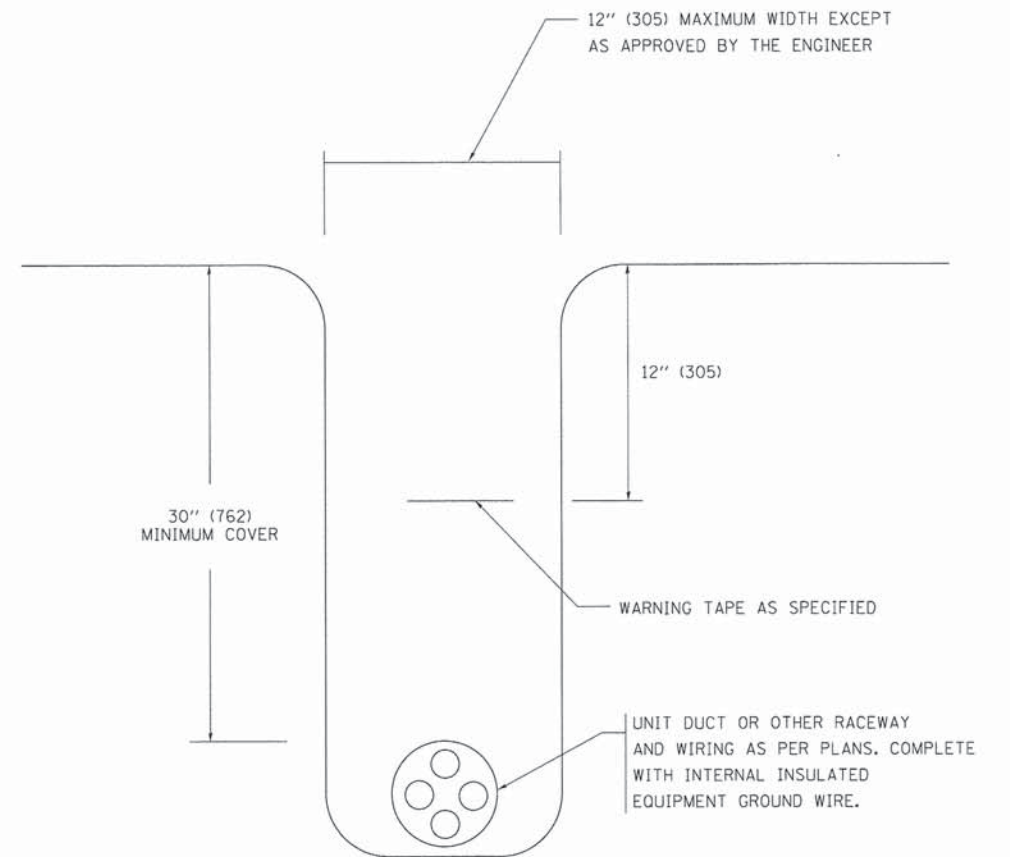
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	84
CONTRACT NO. 61B11				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TYPICAL SPLICE DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.

COMPANY NAME: MR. GREEN
PROJECT CONTACT: T. SCOTT GREEN, P.E.
DATE PLOTTED: 12/15/2014 5:02:39 PM
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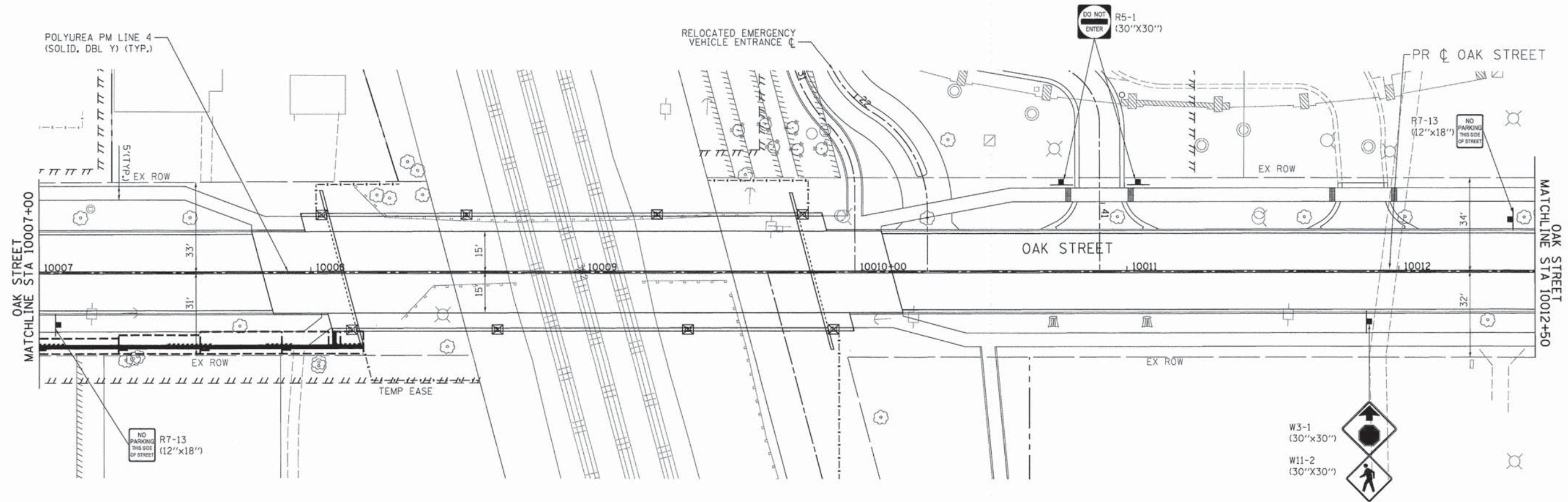
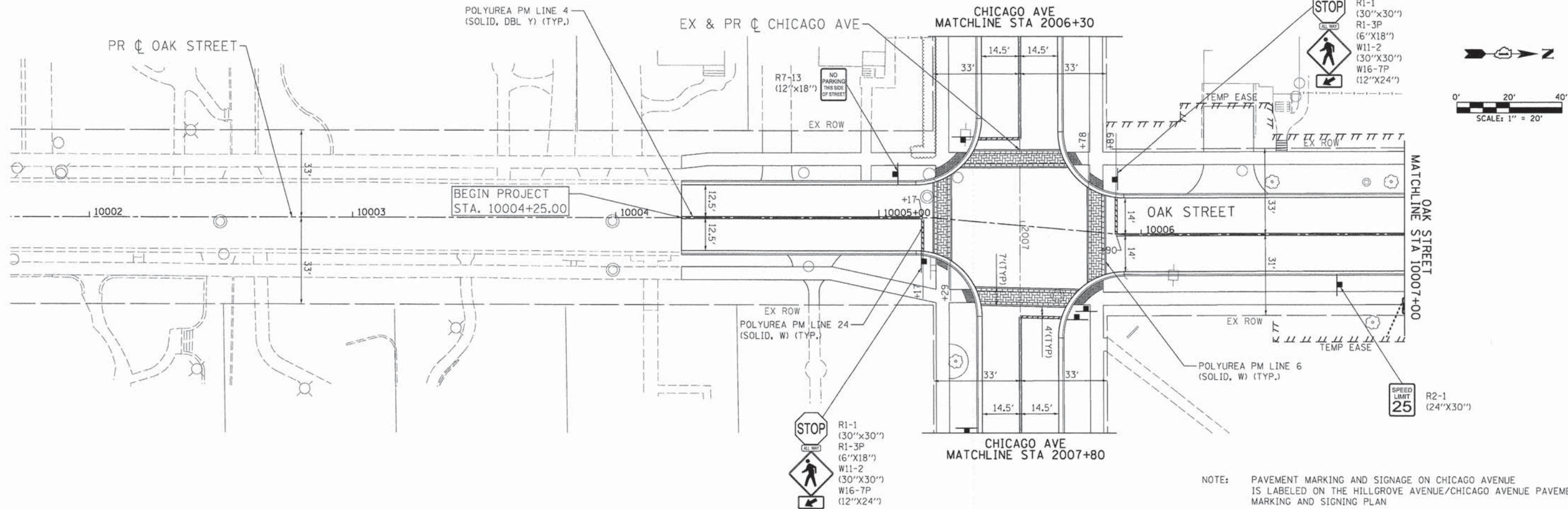
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PLOT DATE = 12/15/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS
SHEET A

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.				61B11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDS DALE
DATE PLOTTED: 1/17/2015 9:14:30 AM
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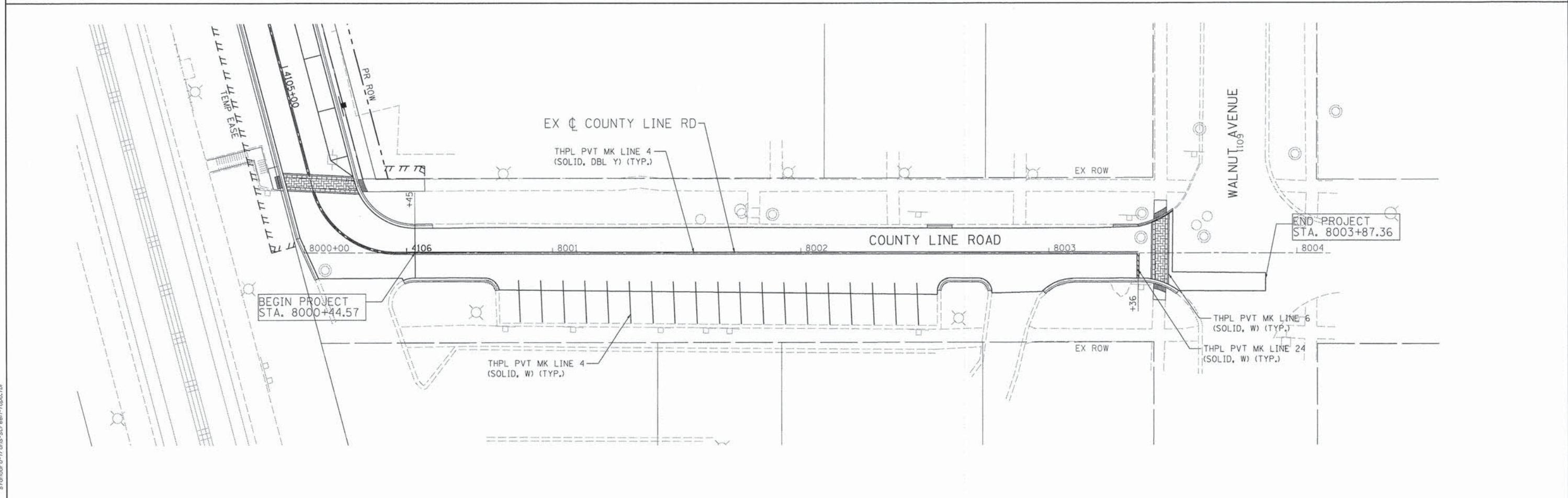
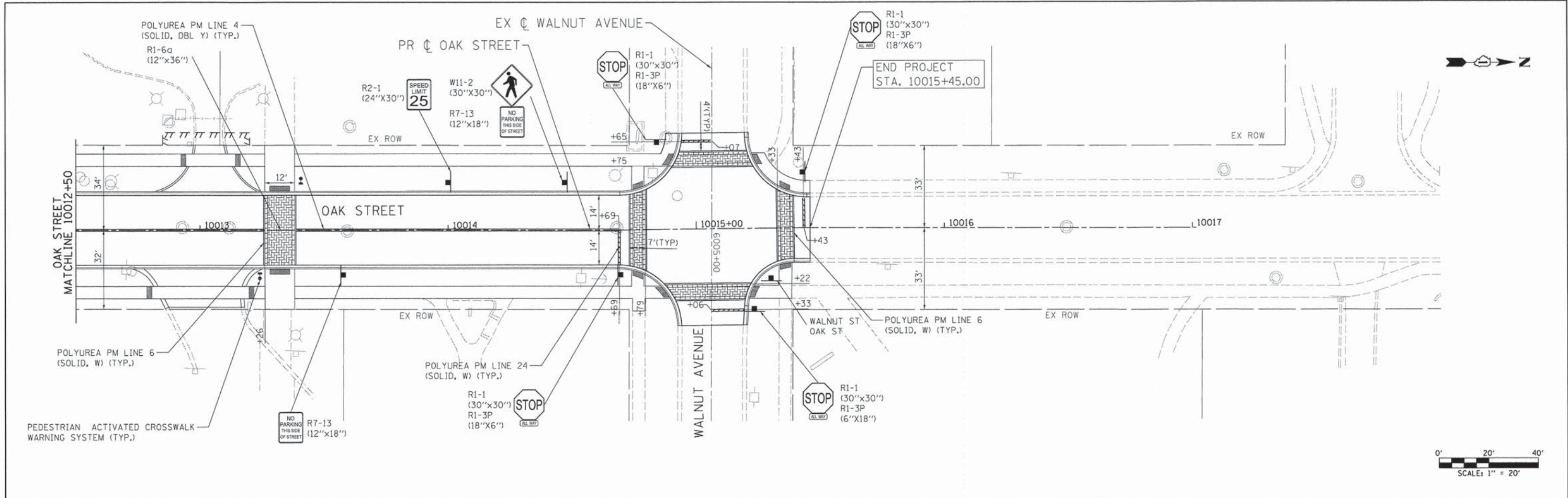
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN
OAK STREET

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 10004+25 TO STA. 10012+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	86
CONTRACT NO. 61811				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



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Illinois Professional Design Firm

#184-001322

USER NAME = dstencz

DESIGNED - TSC

REVISED -

DRAWN - DS

REVISED -

PLOT SCALE = 1"=20'

CHECKED - RD

REVISED -

PLOT DATE = 12/11/2014

DATE -

REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN

OAK STREET/COUNTY LINE ROAD

SCALE: 1"=20'

SHEET NO. 2 OF 3 SHEETS

STA. 10012+50 TO STA. 10015+45

F.A.U. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

2999

10-00089-00-BR

DUPAGE

157

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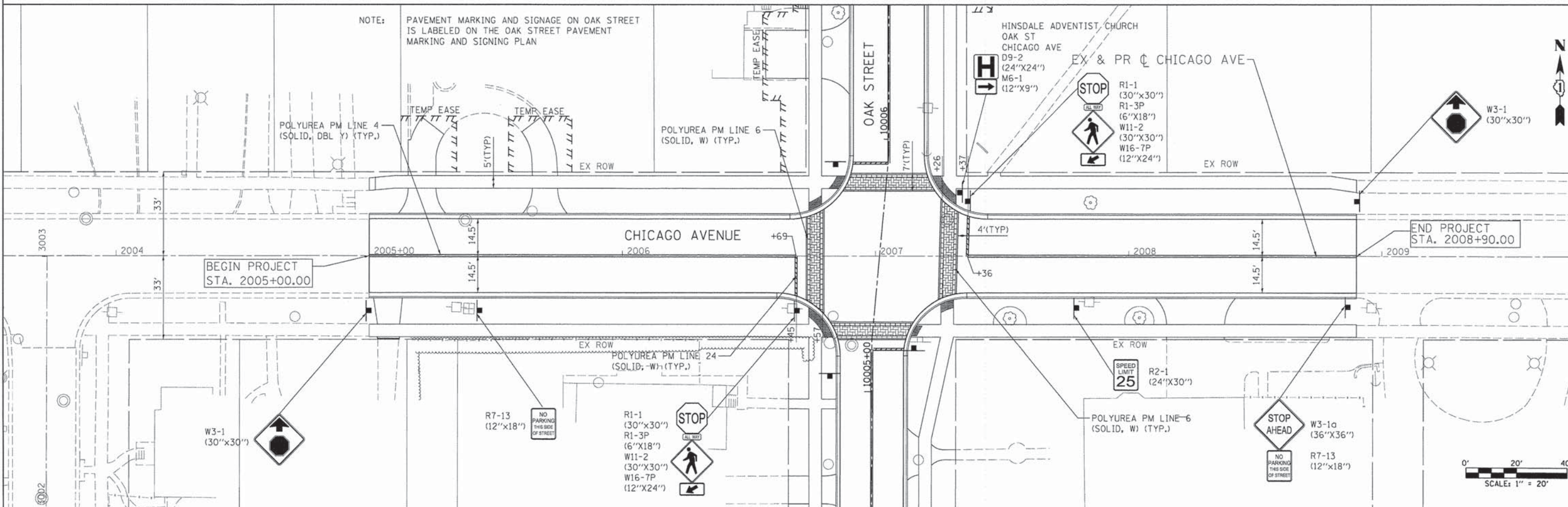
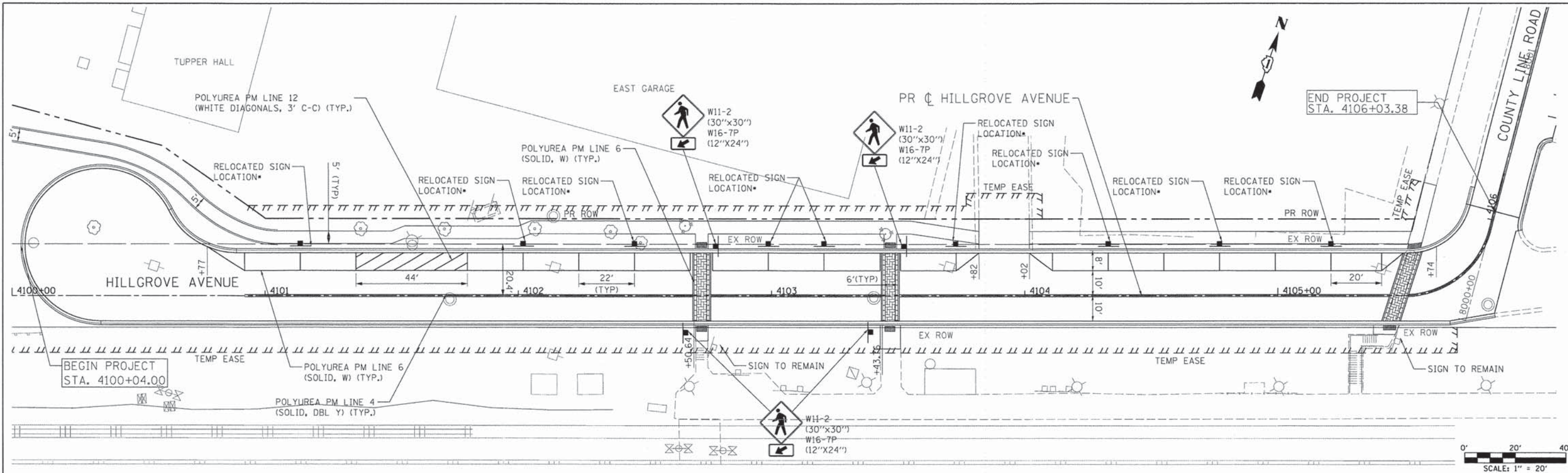
CONTRACT NO.

61B11

FED. ROAD DIST. NO.

ILLINOIS FED. AID PROJECT

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 PROJECT CONTACT: T. SCOTT GREEN, P.E.
 CLIENT: VILLAGE OF HINSDALE
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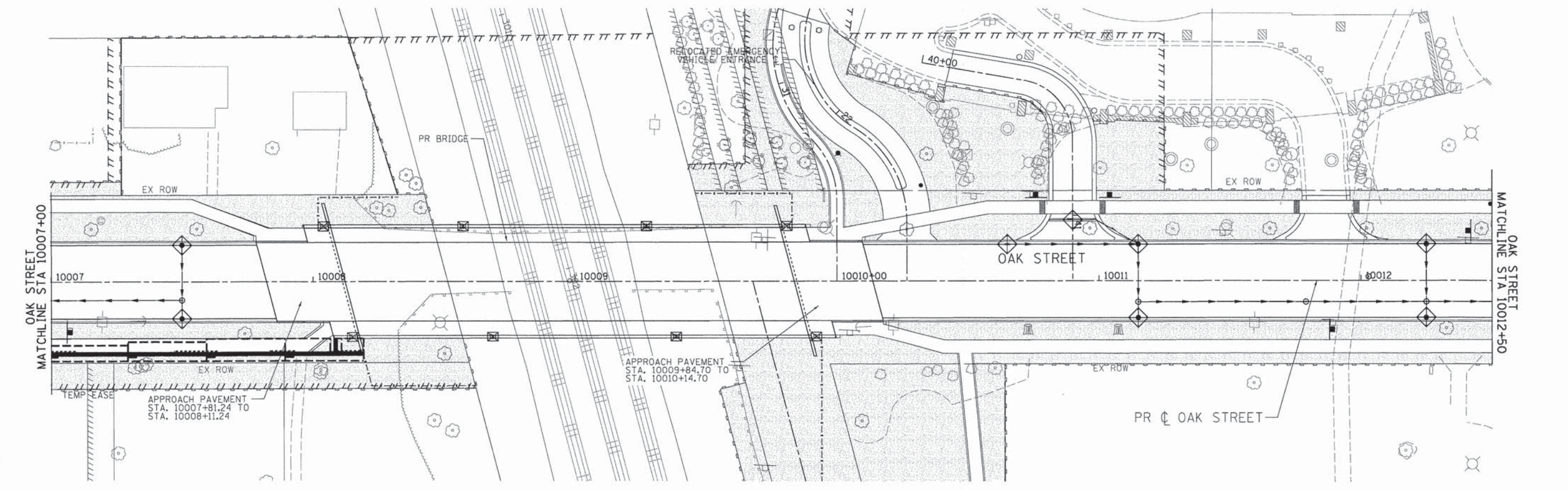
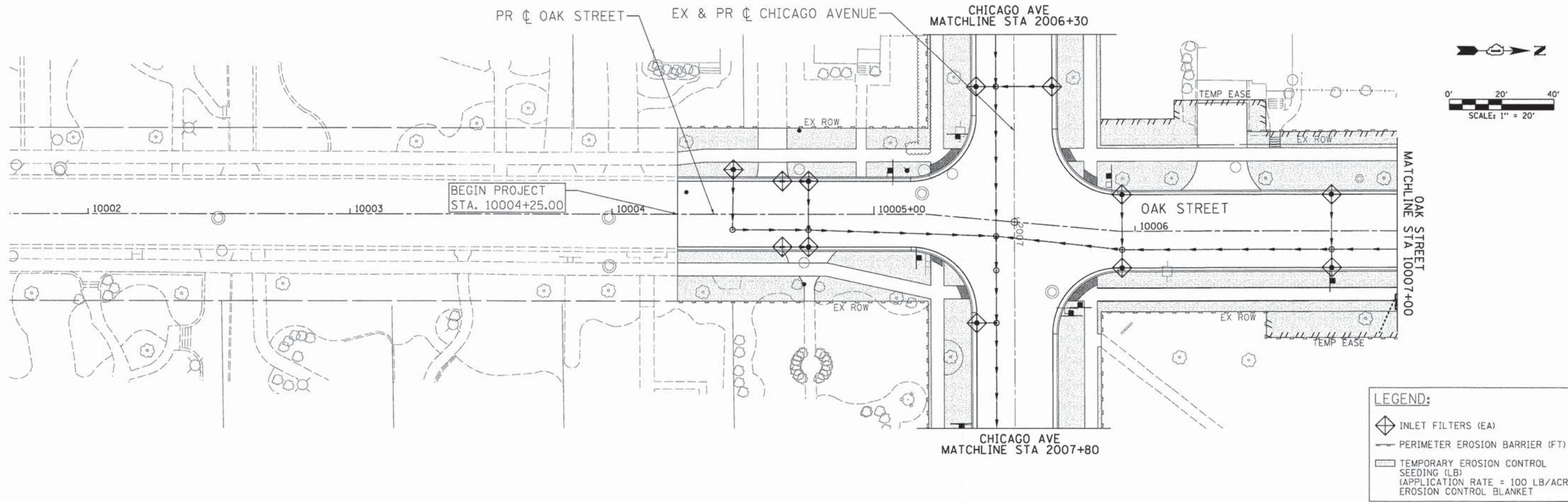
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CHECKED - RD	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN
 HILLGROVE AVENUE/CHICAGO AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	88
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61B11	



HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINDSDALE
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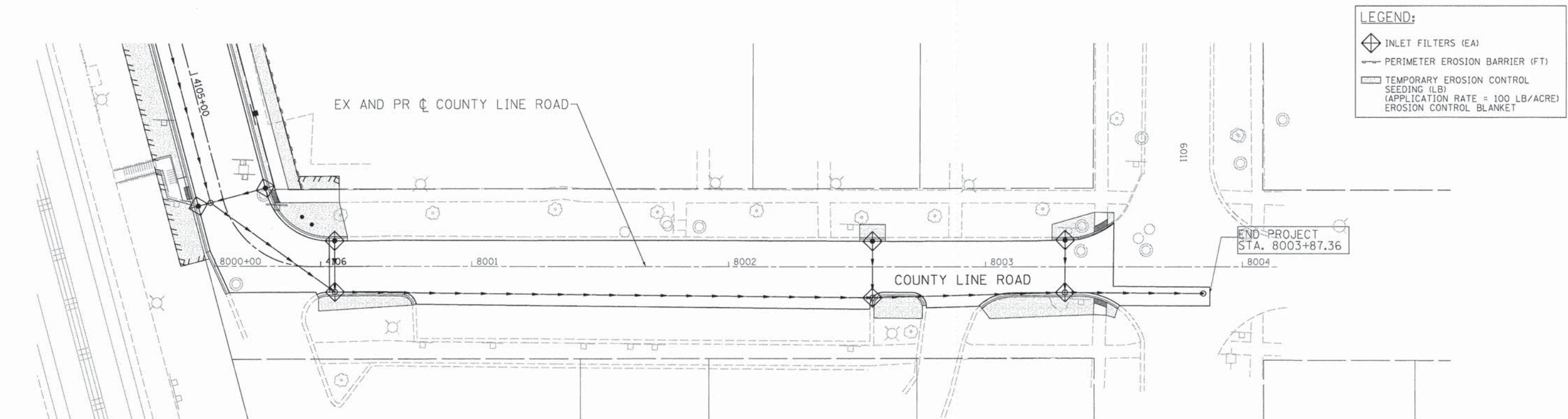
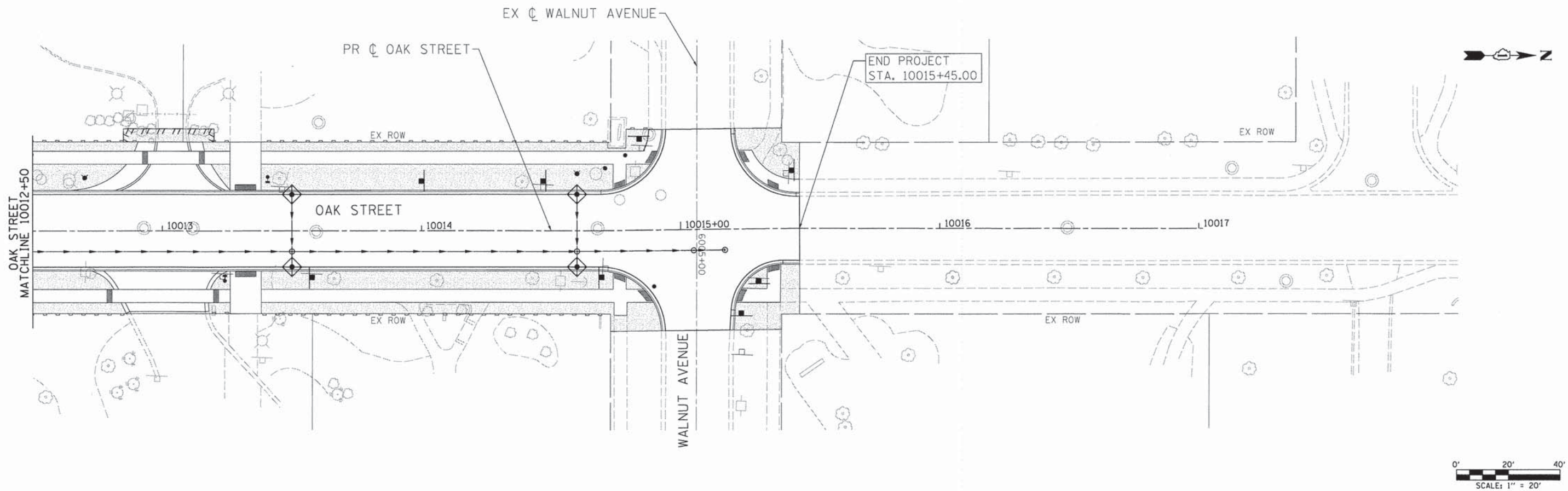
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PLOT DATE = 1/7/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
OAK STREET

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 10004+25 TO STA. 10012+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	89
CONTRACT NO. 61B11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND:

- INLET FILTERS (EA)
- PERIMETER EROSION BARRIER (FT)
- TEMPORARY EROSION CONTROL SEEDING (LB) (APPLICATION RATE = 100 LB/ACRE)
- EROSION CONTROL BLANKET

COMPANY NAME: HR GREEN
PROJECT CONTACT: JEFFREY A. GREEN, P.E.
COUNTY: WILLIAMSBURG
DATE PLOTTED: 12/11/2014 10:05 PM
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PLOT DATE = 12/11/2014	CHECKED - RD	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
OAK STREET/COUNTY LINE ROAD

SCALE: 1"=20' SHEET NO. 2 OF 3 SHEETS STA. 10012+50 TO STA. 10015+45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	90
CONTRACT NO. 61B11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

1. Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts (in painted areas). Bolts 7/8" in. ϕ , holes 15/16" in. ϕ , unless otherwise noted.
2. Calculated weight of Structural Steel = 193,870 lb
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars designated (E) shall be epoxy coated.
5. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
6. If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.
7. The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception of the masked off connection surfaces, field installed fasteners and damaged or discolored areas which shall be touched up in the field. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3.4.
8. All cross frames or diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.
9. If the Contractor chooses to alter the temporary sheet piling design shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer and BNSF.
10. ARTICULATED BLOCK REVETMENT MAT (Special) shall conform to Article 285 ARTICULATED BLOCK REVETMENT MAT with the following additional requirements:
- Visible surfaces of the block shall receive two applications of modified water-based acrylic, penetrating pigmented sealer (Color: Brick Red) applied in the shop or in the field prior to filling the voids in the block.
- The voids shall be filled with a washed bank run pea gravel or crushed stone in buff, brown and/or red color (color to be approved by owner). The gravel shall conform to CA-11, CA-14 or CA-15.
11. Pile driving will be only permitted Monday through Saturday from 9:00 am to 4:00 pm subject to further limitations imposed by BNSF traffic (see note below) and flagger availability.
12. Any work performed with machinery capable of fouling a track will require a Form B from the BNSF. This will include (but is not limited to) the removal of the existing bridge, sheet pile driving, pier pile driving, steel erection, form placement, form removal and other activities performed near the tracks. Form B's for construction projects will be coordinated with the flagger on site and are normally restricted to daylight hours between 6:00 am and 4:00 pm. Work performed under a Form B must be halted when trains are called through. Rail traffic varies but bidders should anticipate weekday traffic of 70 freight and 100 passenger trains (METRA and AMTRAK) per day at this location. Bidders should consider weekend work for some critical tasks.
13. Topography and track side equipment makes construction of a temporary crossing of the BNSF tracks impractical. The Contractor should assume most removal and construction work will be staged from Oak Street or Hillgrove Avenue Right of Way or Temporary Easements shown in the plans.

14. The Special Provision for REMOVAL OF EXISTING STRUCTURES, SPECIAL includes the requirement that the Contractor submit a demolition plan in accordance with BNSF Railway Company: Guidelines for Preparation of Bridge Demolition and Removal Plan over the BNSF Railway. The plans indicate Protective Shield which shall generally conform to the requirements set forth in Article 501.03. The shield shall be provided as needed to meet the Bridge Demolition Plan in conformance with BNSF requirements as applied to the Contractor's demolition sequence. The cost of protective shield and other measures required by BNSF will not be measured and paid for separately. The costs are to be included under the Lump Sum cost for REMOVAL OF EXISTING STRUCTURES, SPECIAL. Contractor shall allow four (4) weeks for BNSF's review of the Bridge Demolition and Removal Plan.
15. Existing bridge plans will be made available for the Contractor's reference. The plans are not verified "as-built" and the Contractor must be aware that modifications have been performed since the bridge was constructed. The following information may help the Contractor estimate demolition, removal and disposal costs for the 48 foot long by 18 foot wide main span:
- A bituminous wearing surface of variable thickness (1 1/2" to 2 1/2") was added recently.
 - The deck consists of two layers of 2 1/2" x 12" wooden planking.
 - 8" x timber hub guards are bolted to the top of the deck between the end of the planking and the plate girders.
 - The planking is supported on timbers (most 10" x 16") at approximately 2 feet on center which are, in turn, supported on the bottom flanges of two steel plate girders.
 - The two 60" high by 13" wide, built up, steel plate girders are connected by five steel floor beams weighing roughly 2 tons each. The bottom flanges of the plate girders are also connected by steel plate "x" bracing. The "x" bracing is in poor condition and is partially supported on roughly 20 galvanized steel straps nailed to the wooden hub guards.
 - Each plate girder includes numerous stiffener plates, brackets and angles. The rough weight of each plate girder is 9 tons.
 - The existing structural steel coating (where still present) likely contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
 - A timber pedestrian sidewalk is attached to the west side of the structure. The timber sidewalk is in poor condition. The other four spans, the piers and the abutments are constructed of timber. Their demolition, removal and disposal shall be included under the Lump Sum cost for REMOVAL OF EXISTING STRUCTURES, SPECIAL.
16. Existing timber piles shall be cut off to a minimum of three (3) feet below proposed finished grade or slope pavement (articulated revetment mat).
17. Concrete surfaces designated for a form liner textured surface and concrete staining shall be similar in appearance to the limestone masonry veneer being used elsewhere on the project. Both the form liner finish and the limestone masonry veneer shall be a reasonable match to the existing color and style of masonry at the existing Highland Metra Station Shelter located near the project site. See Special Provisions for Form Liner Textured Surfaces, Staining Concrete Structures, and Limestone Masonry Veneer for more information. See plans for locations where form liner shall be used and where limestone masonry veneer shall be installed.

BNSF Contact:
Mr. Calvin Nutt
BNSF Railroad, Manager of Public Projects IA, IL, WI
Phone: (763) 782-3495
Email: Calvin.Nutt@BNSF.com

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SB-02	General Notes and Index of Sheets
SB-03	Total Bill of Materials and Profile Grade Details
SB-04	General Details
SB-05	Substructure Layout
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SB-07	Top of Deck Elevations
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SB-09	Top of Approach Slab Elevations
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SB-12	Superstructure Details
SB-13	Integral Abutment Diaphragm Details
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SB-16	Bridge Railing Details
SB-17	Steel Girder Framing Plan
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SW-02	General Notes and Bill of Material
SW-03	Wall Elevation and Footing Plan
SW-04	Retaining Wall Sections and Details
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PROJECT CONTACT: T. SCOTT CREECH, P.E.
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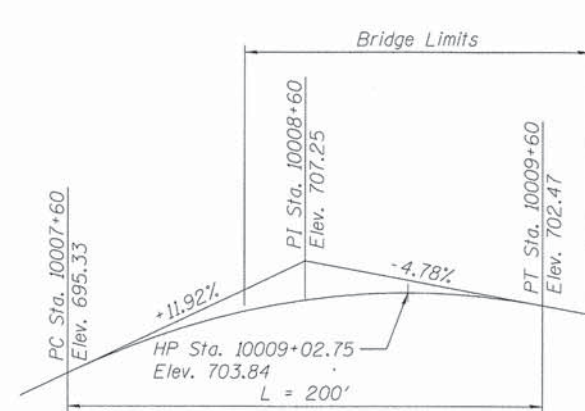
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

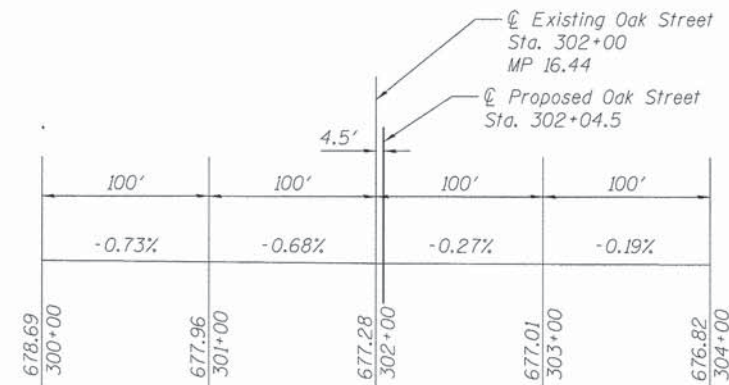
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STRUCTURE NO. 022-6404

SHEET NO. SB-02 OF SB-29 SHEETS

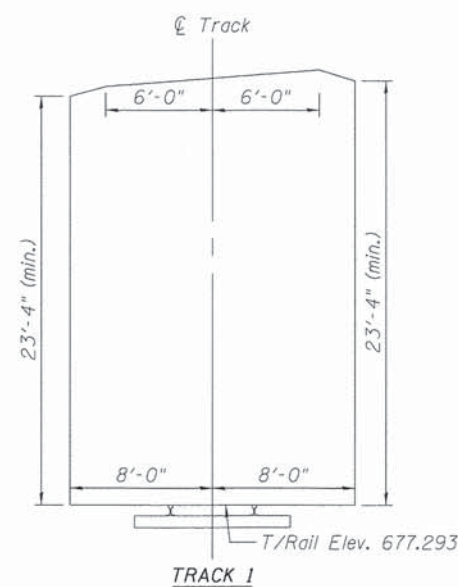
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[ILLINOIS] FED. AID PROJECT BRM-9003(699)				



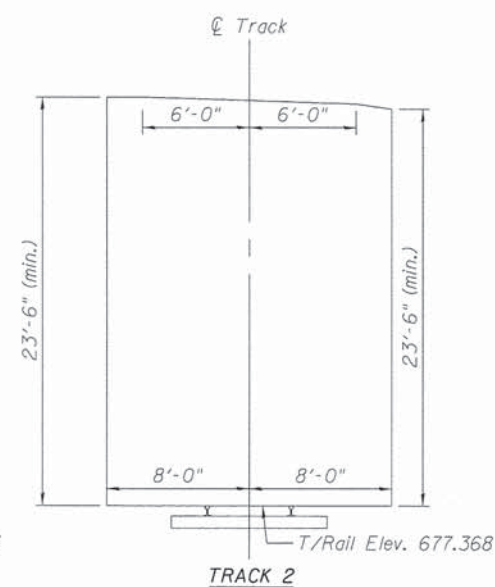
PROFILE GRADE
(along ϕ of Roadway)



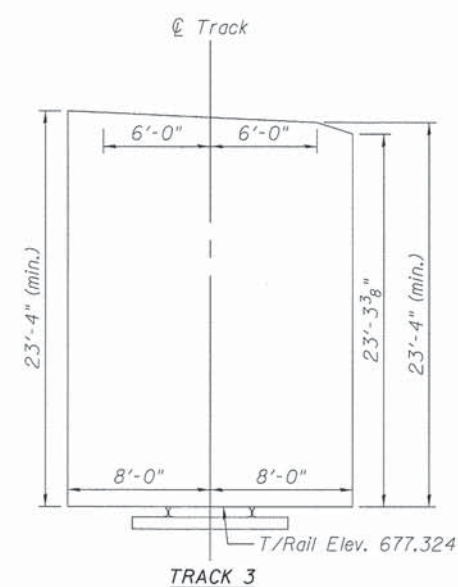
PROFILE GRADE
Top of Rail; BNSF Track #2
as surveyed March 2011



TRACK 1



TRACK 2



TRACK 3

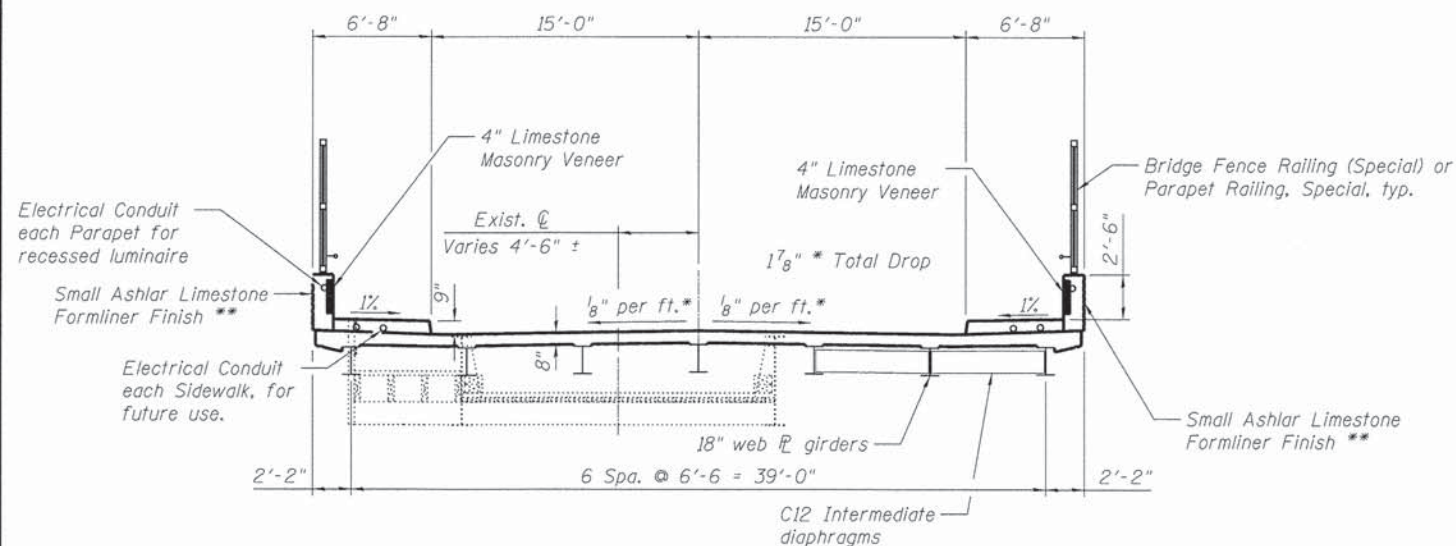
RAILROAD CLEARANCE ENVELOPE

- Notes:
1. Diagrams shown looking toward Chicago.
2. T/Rail elevations taken from March 2011 survey.

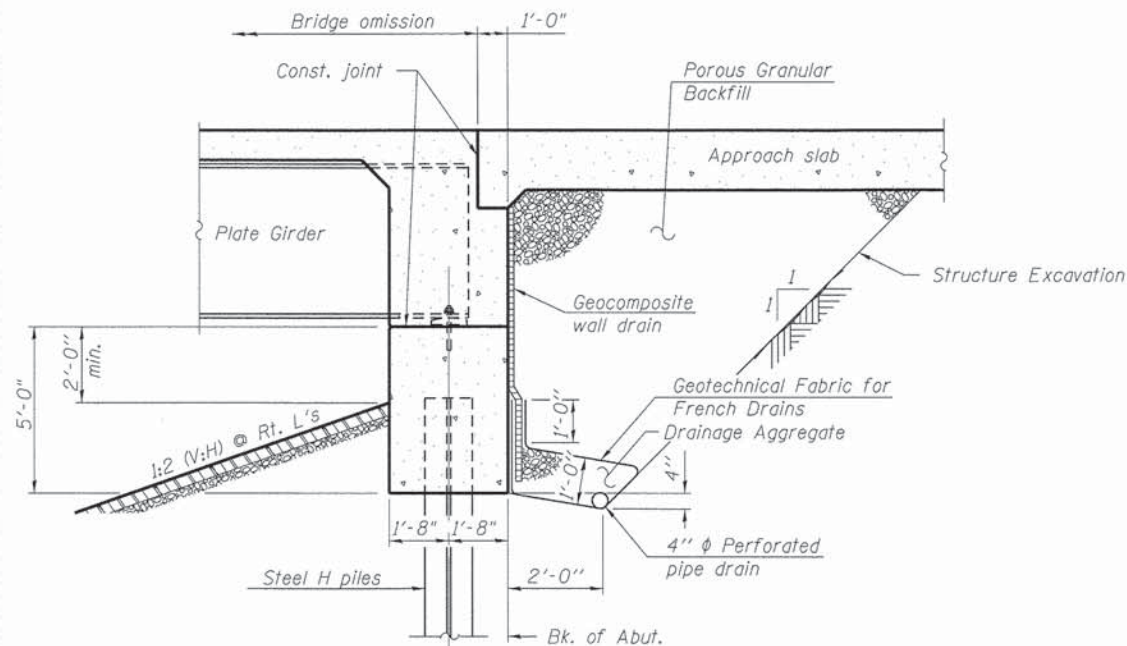
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Structure Excavation	Cu. Yd.		328	328
Concrete Structures	Cu. Yd.		262	262
Concrete Superstructure	Cu. Yd.	444.6		444.6
Bridge Deck Grooving	Sq. Yd.	772		772
Form Liner Textured Surface	Sq. Ft.	1037	3099	4136
Protective Coat	Sq. Yd.	1170		1170
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	6524		6524
Reinforcement Bars, Epoxy Coated	Pound	94550	29190	123740
Bar Splicers	Each	380		380
Furnishing Steel Piles HP 14x73	Foot		1223	1223
Driving Piles	Foot		1223	1223
Test Pile Steel HP 14x73	Each		4	4
Name Plates	Each	1		1
Anchor Bolts, 1"	Each		56	56
Geocomposite Wall Drain	Sq. Yd.		69	69
Limestone Masonry Veneer	Sq. Ft.	1274		1274
Removal of Existing Structures, Special	Each		1	1
Staining Concrete Structures	Sq. Ft.	1037	3099	4136
Bridge Fence Railing (Special)	Foot	168		168
Parapet Railing, Special	Foot	182		182
Granular Backfill for Structures	Cu. Yd.		119	119
Temporary Sheet Piling	Sq. Ft.		4230	4230
Pipe Underdrains for Structures, 4"	Foot		130	130
Luminaire, LED, Recessed Mount, 11.2 Wat	Each	20		20
Architectural Cap, Metal	Each	8		8
Articulated Block Revetment Mat (Special)	Sq. Yd.		545	545

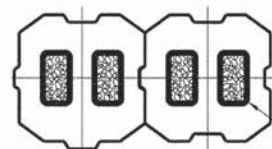
* Cross Slope from Sta. 10008+12.24 to Sta. 10009+83.70
Transition to $\frac{3}{16}$ " per ft ($2\frac{3}{4}$ " Total Drop) at
Sta. 10007+81.24 and Sta. 10010+14.70



CROSS SECTION

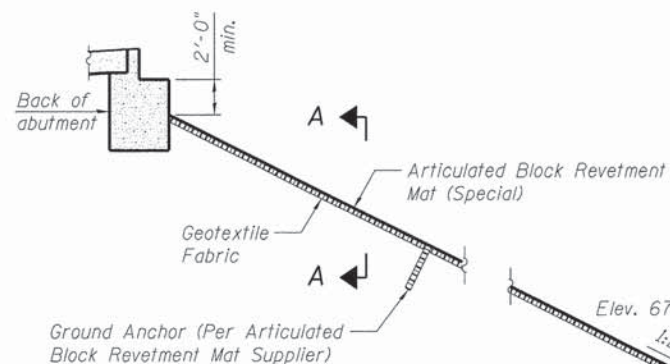


SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

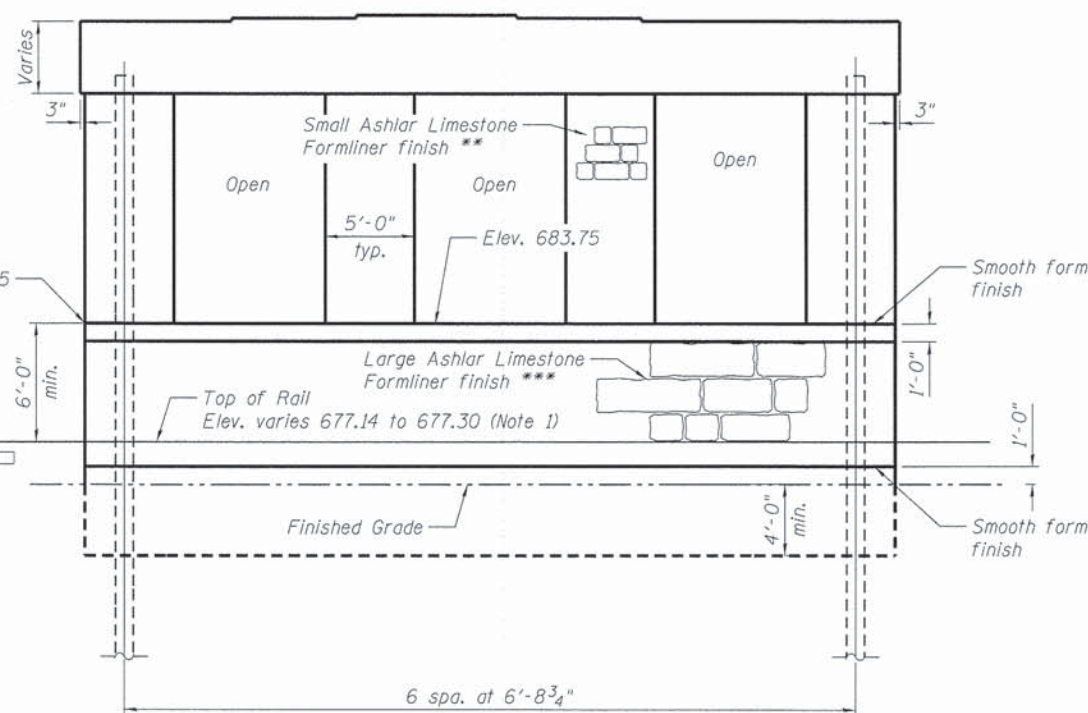


SECTION A-A

Backfill voids as required in
General Notes on Sheet SB-02.
(Color to be approved by owner)



PIER END SKETCH



PIER SKETCH

** Ashlar Limestone Small (4'-6" x 10'-18") pattern, 1/2" relief
*** Ashlar Limestone Large (6'-8" x 18'-30") pattern, 1" relief

Note 1: As surveyed March 2011

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PROJECT CONTACT: T. SCOTT GREEN, P.E.
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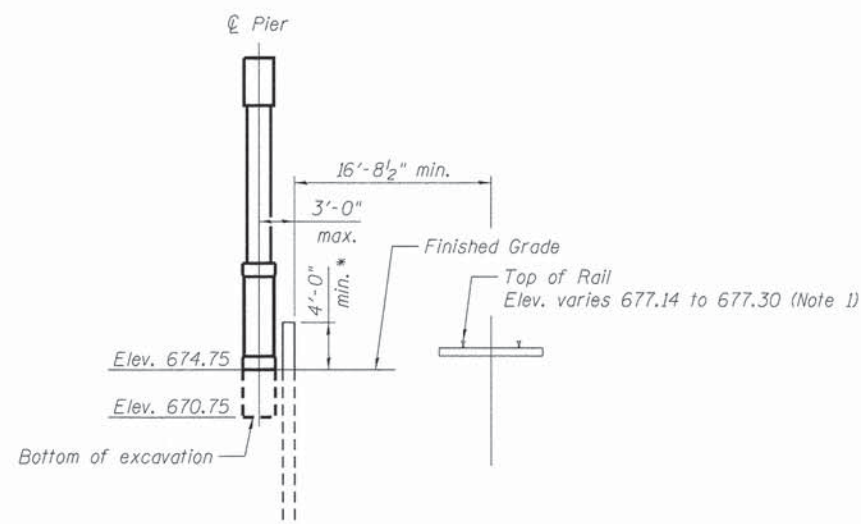
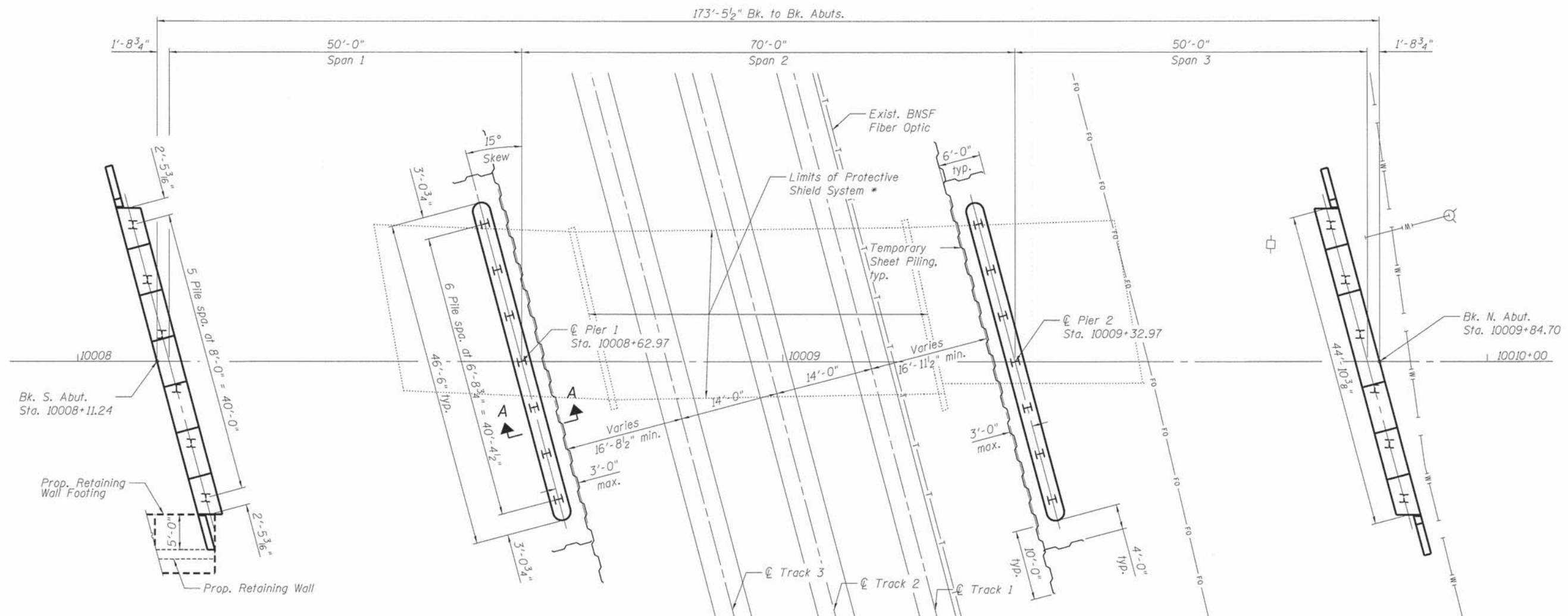
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	CHECKED - 12/15/14	REVISED -

STATE OF ILLINOIS
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GENERAL DETAILS
STRUCTURE NO. 022-6404

SHEET NO. SB-04 OF SB-29 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT BRM-9003(699)				

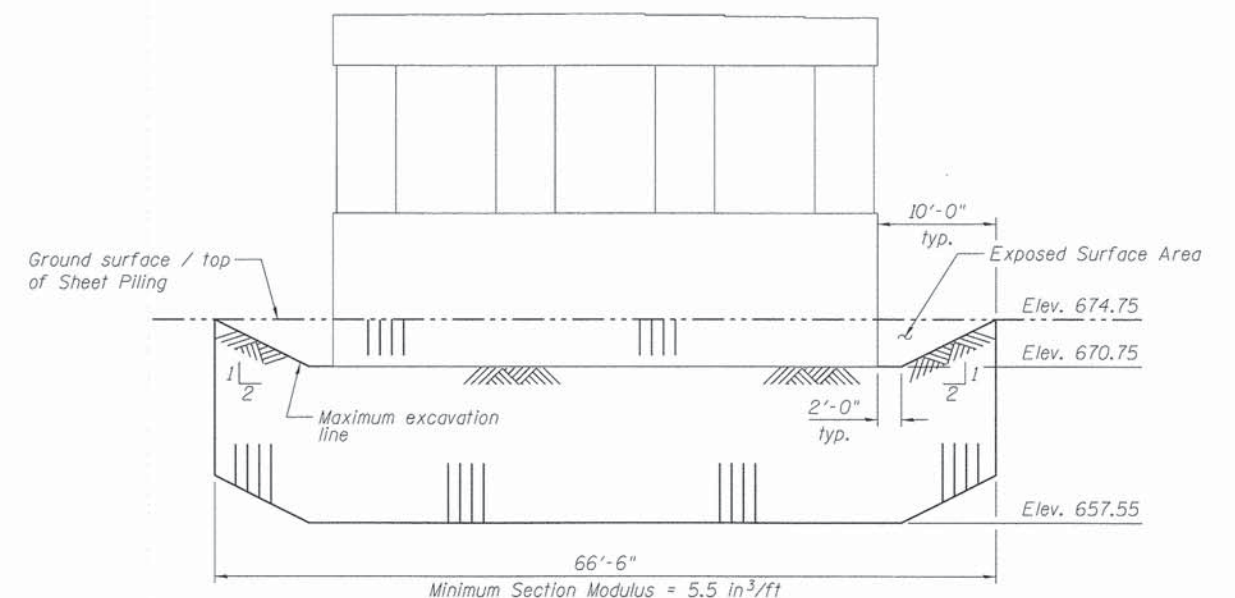


SECTION A-A

Note 1: As surveyed March 2011

* See General Notes 12 thru 16 on Sheet SB-02.

SUBSTRUCTURE LAYOUT



LIMITS OF TEMPORARY SHEET PILING

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PROJECT CONTACT: T. S. CREECH, P.E.
CLIENT: VILLAGE OF WINDSOR
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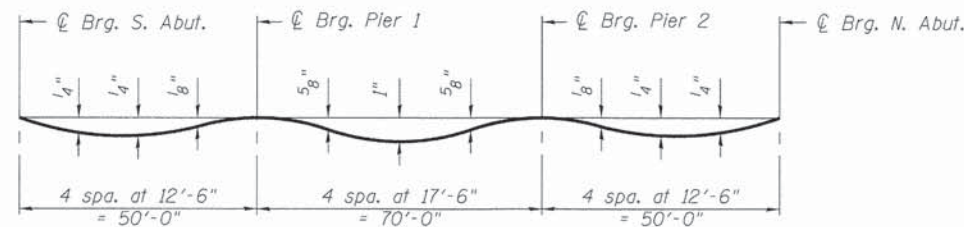
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUBSTRUCTURE LAYOUT
STRUCTURE NO. 022-6404**

SHEET NO. SB-05 OF SB-29 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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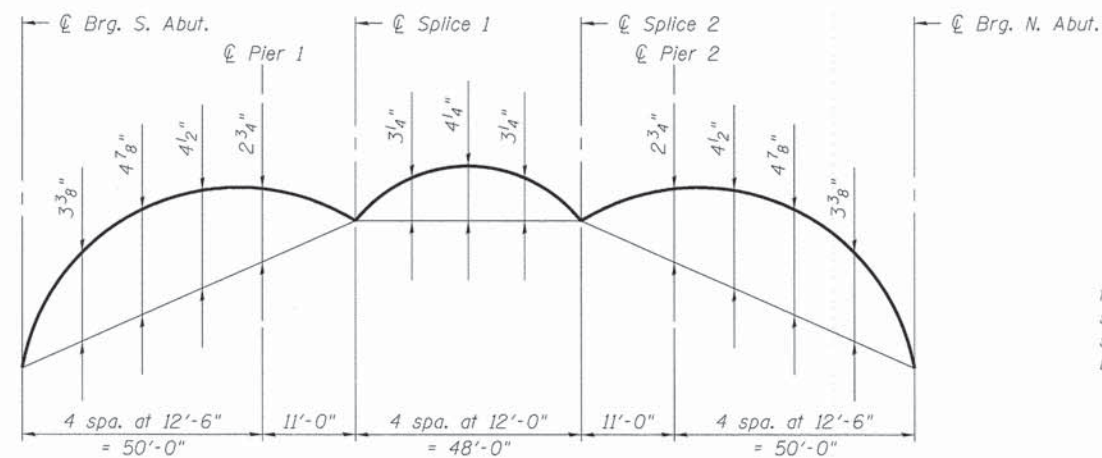


DEAD LOAD DEFLECTION DIAGRAM

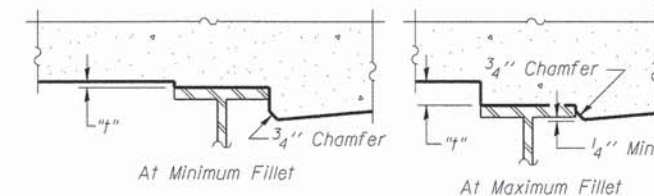
(Includes weight of concrete only.)

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.

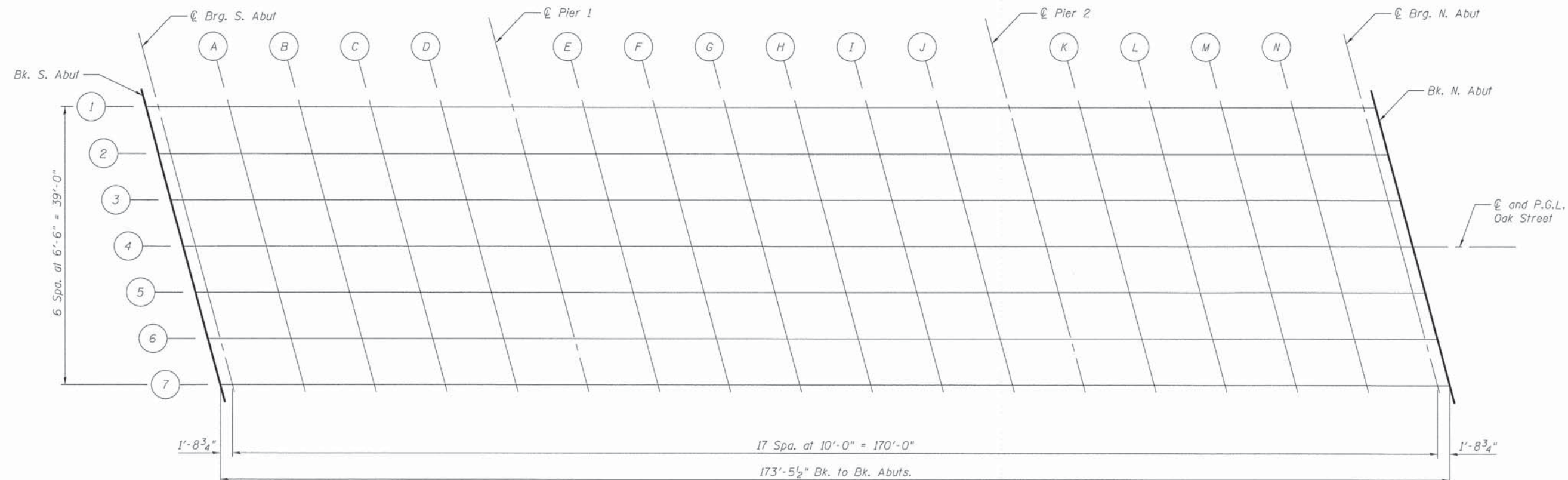


CAMBER DIAGRAM

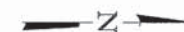


To determine "f": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "f" above top flange of beams.

FILLET HEIGHTS



PLAN



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PROJECT CONTACT: T. SCOTT CRECH, P.E.
CLIENT: VILLAGE OF NIMESDALE
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF DECK ELEVATIONS
STRUCTURE NO. 022-6404

SHEET NO. SB-06 OF SB-29 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61B11				
ILLINOIS FED. AID PROJECT BRM-9003(699)				

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10008+06.01	-19.50	699.77	699.77
CL of Bearing	10008+07.74	-19.50	699.91	699.91
A	10008+17.74	-19.50	700.66	700.68
B	10008+27.74	-19.50	701.33	701.36
C	10008+37.74	-19.50	701.92	701.94
D	10008+47.74	-19.50	702.42	702.42
CL of Pier 1	10008+57.74	-19.50	702.84	702.84
E	10008+67.74	-19.50	703.17	703.20
F	10008+77.74	-19.50	703.42	703.48
G	10008+87.74	-19.50	703.59	703.67
H	10008+97.74	-19.50	703.67	703.76
I	10009+07.74	-19.50	703.67	703.73
J	10009+17.74	-19.50	703.59	703.61
CL of Pier 2	10009+27.74	-19.50	703.42	703.42
K	10009+37.74	-19.50	703.17	703.17
L	10009+47.74	-19.50	702.84	702.86
M	10009+57.74	-19.50	702.42	702.45
N	10009+67.74	-19.50	701.94	701.96
CL of Bearing	10009+77.74	-19.50	701.47	701.47
Bk. N. Abut.	10009+79.47	-19.50	701.38	701.38

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10008+07.76	-13.00	699.93	699.93
CL of Bearing	10008+09.49	-13.00	700.07	700.07
A	10008+19.49	-13.00	700.81	700.83
B	10008+29.49	-13.00	701.46	701.49
C	10008+39.49	-13.00	702.03	702.05
D	10008+49.49	-13.00	702.52	702.52
CL of Pier 1	10008+59.49	-13.00	702.92	702.92
E	10008+69.49	-13.00	703.24	703.27
F	10008+79.49	-13.00	703.48	703.54
G	10008+89.49	-13.00	703.63	703.71
H	10008+99.49	-13.00	703.70	703.78
I	10009+09.49	-13.00	703.68	703.75
J	10009+19.49	-13.00	703.59	703.61
CL of Pier 2	10009+29.49	-13.00	703.40	703.40
K	10009+39.49	-13.00	703.14	703.14
L	10009+49.49	-13.00	702.79	702.81
M	10009+59.49	-13.00	702.36	702.39
N	10009+69.49	-13.00	701.88	701.90
CL of Bearing	10009+79.49	-13.00	701.40	701.40
Bk. N. Abut.	10009+81.22	-13.00	701.32	701.32

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10008+09.50	-6.50	700.14	700.14
CL of Bearing	10008+11.23	-6.50	700.27	700.27
A	10008+21.23	-6.50	701.00	701.02
B	10008+31.23	-6.50	701.63	701.66
C	10008+41.23	-6.50	702.19	702.21
D	10008+51.23	-6.50	702.66	702.67
CL of Pier 1	10008+61.23	-6.50	703.05	703.05
E	10008+71.23	-6.50	703.36	703.38
F	10008+81.23	-6.50	703.58	703.64
G	10008+91.23	-6.50	703.71	703.80
H	10009+01.23	-6.50	703.77	703.85
I	10009+11.23	-6.50	703.74	703.80
J	10009+21.23	-6.50	703.63	703.65
CL of Pier 2	10009+31.23	-6.50	703.43	703.43
K	10009+41.23	-6.50	703.15	703.16
L	10009+51.23	-6.50	702.79	702.81
M	10009+61.23	-6.50	702.34	702.37
N	10009+71.23	-6.50	701.87	701.89
CL of Bearing	10009+81.23	-6.50	701.39	701.39
Bk. N. Abut.	10009+82.96	-6.50	701.30	701.30

PROFILE GRADE LINE & CENTERLINE / BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10008+11.24	0.00	700.34	700.34
CL of Bearing	10008+12.97	0.00	700.47	700.47
A	10008+22.97	0.00	701.18	701.20
B	10008+32.97	0.00	701.80	701.83
C	10008+42.97	0.00	702.35	702.36
D	10008+52.97	0.00	702.80	702.81
CL of Pier 1	10008+62.97	0.00	703.18	703.18
E	10008+72.97	0.00	703.47	703.49
F	10008+82.97	0.00	703.67	703.74
G	10008+92.97	0.00	703.80	703.88
H	10009+02.97	0.00	703.84	703.92
I	10009+12.97	0.00	703.79	703.86
J	10009+22.97	0.00	703.67	703.69
CL of Pier 2	10009+32.97	0.00	703.46	703.46
K	10009+42.97	0.00	703.16	703.17
L	10009+52.97	0.00	702.79	702.80
M	10009+62.97	0.00	702.33	702.35
N	10009+72.97	0.00	701.85	701.87
CL of Bearing	10009+82.97	0.00	701.37	701.37
Bk. N. Abut.	10009+84.70	0.00	701.29	701.29

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10008+12.98	6.50	700.41	700.41
CL of Bearing	10008+14.71	6.50	700.53	700.53
A	10008+24.71	6.50	701.23	701.25
B	10008+34.71	6.50	701.84	701.86
C	10008+44.71	6.50	702.36	702.38
D	10008+54.71	6.50	702.81	702.81
CL of Pier 1	10008+64.71	6.50	703.17	703.17
E	10008+74.71	6.50	703.44	703.47
F	10008+84.71	6.50	703.63	703.70
G	10008+94.71	6.50	703.74	703.83
H	10009+04.71	6.50	703.77	703.85
I	10009+14.71	6.50	703.71	703.77
J	10009+24.71	6.50	703.57	703.60
CL of Pier 2	10009+34.71	6.50	703.34	703.34
K	10009+44.71	6.50	703.04	703.04
L	10009+54.71	6.50	702.64	702.66
M	10009+64.71	6.50	702.18	702.20
N	10009+74.71	6.50	701.70	701.72
CL of Bearing	10009+84.71	6.50	701.22	701.22
Bk. N. Abut.	10009+86.44	6.50	701.14	701.14

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF DECK ELEVATIONS
STRUCTURE NO. 022-6404

SHEET NO. SB-07 OF SB-29 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	98
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT BRM-9003(699)				

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HINSDALE
DATE PLOTTED: 12/15/2014 15:29 PM
FILE NAME: 032.STR-SB-10503.dgn
PLOT DRIVER: pdfplot
PEN TABLE: standard-trans.tbl



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#184-001322

USER NAME = whood	DESIGNED - JMW	REVISED -
	CHECKED - ROG	REVISED -
PLOT SCALE =	DRAWN - WJH	REVISED -
PLOT DATE = 12/15/2014	CHECKED - 12/15/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF DECK ELEVATIONS
STRUCTURE NO. 022-6404

SHEET NO. SB-08 OF SB-29 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	99
CONTRACT NO. 61811				
ILLINOIS FED. AID PROJECT BRM-9003(699)				

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10008+14.72	13.00	700.47	700.47
CL of Bearing	10008+16.45	13.00	700.59	700.59
A	10008+26.45	13.00	701.27	701.29
B	10008+36.45	13.00	701.87	701.89
C	10008+46.45	13.00	702.38	702.40
D	10008+56.45	13.00	702.81	702.81
CL of Pier 1	10008+66.45	13.00	703.15	703.15
E	10008+76.45	13.00	703.41	703.44
F	10008+86.45	13.00	703.59	703.65
G	10008+96.45	13.00	703.69	703.77
H	10009+06.45	13.00	703.70	703.78
I	10009+16.45	13.00	703.62	703.69
J	10009+26.45	13.00	703.47	703.49
CL of Pier 2	10009+36.45	13.00	703.23	703.23
K	10009+46.45	13.00	702.91	702.91
L	10009+56.45	13.00	702.50	702.52
M	10009+66.45	13.00	702.03	702.05
N	10009+76.45	13.00	701.55	701.57
CL of Bearing	10009+86.45	13.00	701.07	701.07
Bk. N. Abut.	10009+88.18	13.00	700.99	700.99

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10008+16.47	19.50	700.57	700.57
CL of Bearing	10008+18.20	19.50	700.70	700.70
A	10008+28.20	19.50	701.36	701.38
B	10008+38.20	19.50	701.94	701.97
C	10008+48.20	19.50	702.44	702.46
D	10008+58.20	19.50	702.85	702.86
CL of Pier 1	10008+68.20	19.50	703.18	703.18
E	10008+78.20	19.50	703.43	703.46
F	10008+88.20	19.50	703.59	703.66
G	10008+98.20	19.50	703.67	703.76
H	10009+08.20	19.50	703.67	703.75
I	10009+18.20	19.50	703.58	703.64
J	10009+28.20	19.50	703.41	703.44
CL of Pier 2	10009+38.20	19.50	703.16	703.16
K	10009+48.20	19.50	702.82	702.82
L	10009+58.20	19.50	702.40	702.42
M	10009+68.20	19.50	701.92	701.95
N	10009+78.20	19.50	701.44	701.46
CL of Bearing	10009+88.20	19.50	700.97	700.97
Bk. N. Abut.	10009+89.93	19.50	700.88	700.88

WEST CURB LINE

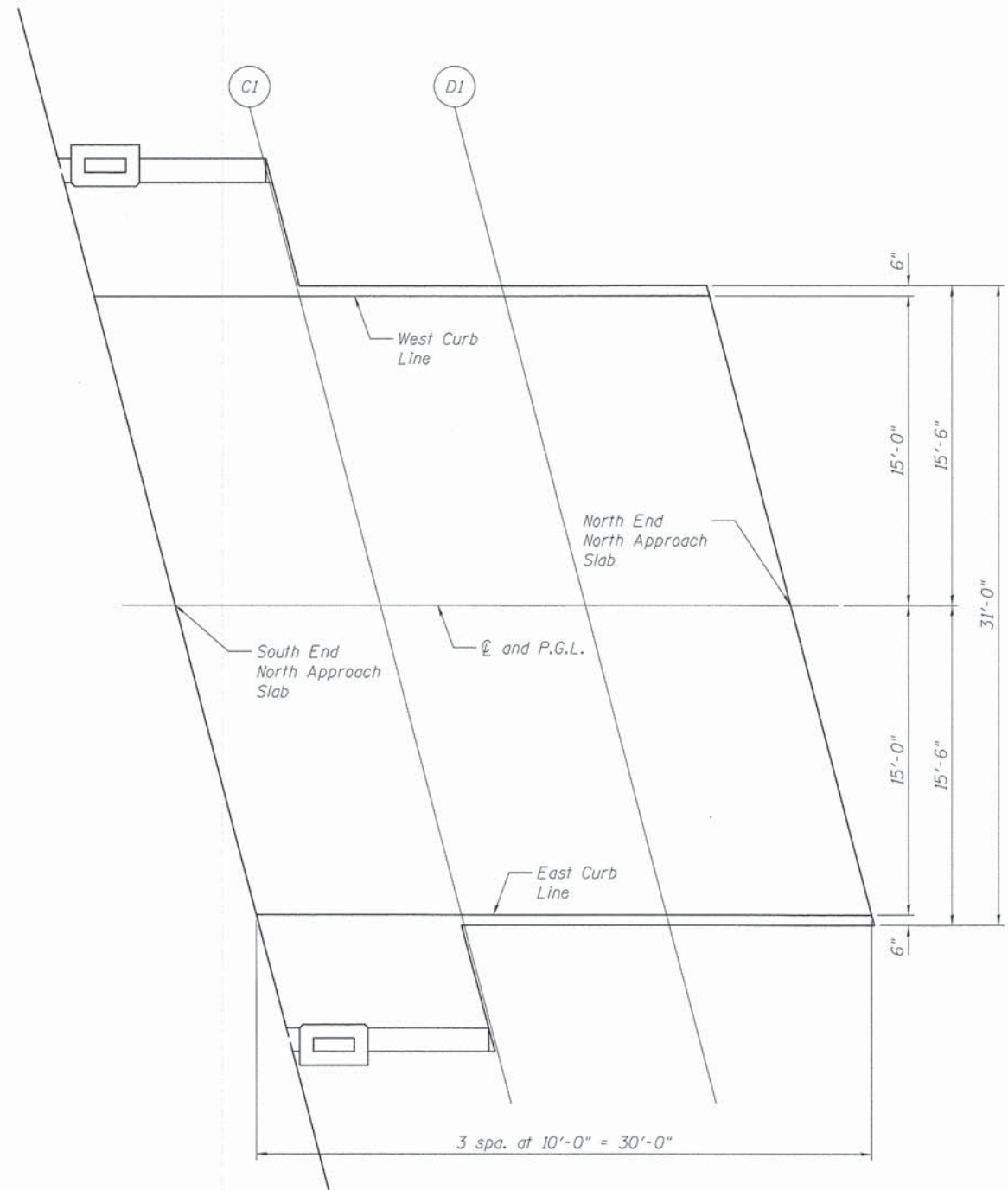
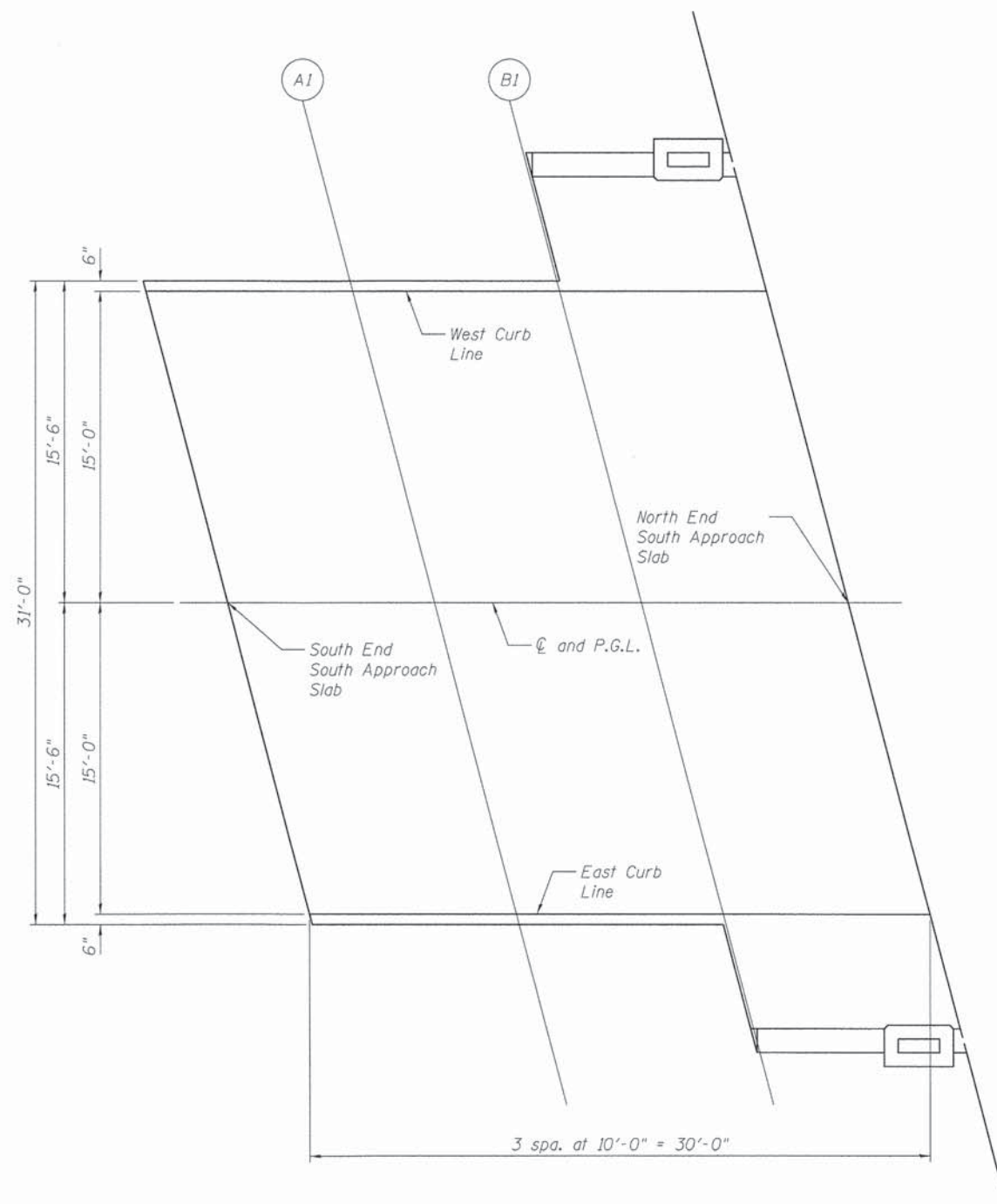
Location	Station	Offset	Theoretical Grade Elevations
South End of South Approach	10007+78.26	-15.000	697.13
A1	10007+88.26	-15.000	698.16
B1	10007+98.26	-15.000	699.10
North End of South Approach	10008+08.26	-15.000	699.95
South End of North Approach	10009+79.64	-15.000	701.37
C1	10009+89.64	-15.000	700.87
D1	10009+99.64	-15.000	700.37
North End of North Approach	10010+09.64	-15.000	699.86

P.G.L. AND C

Location	Station	Offset	Theoretical Grade Elevations
South End of South Approach	10007+82.28	0.000	697.78
A1	10007+92.28	0.000	698.74
B1	10008+02.28	0.000	699.62
North End of South Approach	10008+12.28	0.000	700.42
South End of North Approach	10009+83.66	0.000	701.34
C1	10009+93.66	0.000	700.86
D1	10010+03.66	0.000	700.38
North End of North Approach	10010+13.66	0.000	699.91

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
South End of South Approach	10007+86.30	15.000	697.94
A1	10007+96.30	15.000	698.90
B1	10008+06.30	15.000	699.77
North End of South Approach	10008+16.30	15.000	700.56
South End of North Approach	10009+87.68	15.000	700.99
C1	10009+97.68	15.000	700.49
D1	10010+07.68	15.000	699.98
North End of North Approach	10010+17.68	15.000	699.48



PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF APPROACH SLAB ELEVATIONS
STRUCTURE NO. 022-6404

SHEET NO. SB-09 OF SB-29 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2999	10-00089-00-BR	DUPAGE	157	100
CONTRACT NO. 61B11				
[ILLINOIS] FED. AID PROJECT BRM-9003(699)				

COMPANY NAME: HR GREEN
PROJECT CONTACT: T. SCOTT CREECH, P.E.
CLIENT: VILLAGE OF HOMERDALE
FILE NAME: 032 STR SB-09-00001.dgn
PLOT DATE: 12/15/2014
PLOT DRIVER: pcf/ctf
PEN TABLE: standard-trans.tbl



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USER NAME = whood	DESIGNED - JMW	REVISED -
	CHECKED - RDG	REVISED -
PLOT SCALE =	DRAWN - WJH	REVISED -
PLOT DATE = 12/15/2014	CHECKED - 12/15/14	REVISED -