

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	1
FEDERAL ROAD DISTRICT NO. 1 ILLINOIS		FEDERAL AID PROJECT		

SHEET NO. DESCRIPTION 01-30-15 LETTING ITEM 010

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5	TYPICAL SECTIONS
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

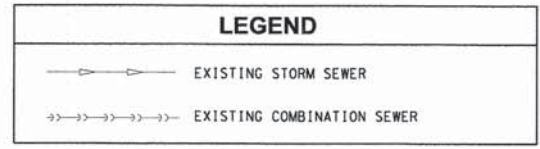
PLAN FOR PROPOSED FEDERAL AID HIGHWAY

**F.A.U. ROUTE 1419 (MADISON STREET)
PARK AVENUE TO DES PLAINES AVENUE
RECONSTRUCTION & STREETScape
SECTION 13-00111-00-LS
PROJECT M-TE-00D1(917)
VILLAGE OF FOREST PARK
AND VILLAGE OF RIVER FOREST
COOK COUNTY
JOB NO: C-91-269-13**



LIST OF STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALK
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSING
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602401-03	MANHOLE, TYPE A
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-10	URBAN LANE CLOSURE MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701427-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701701-09	URBAN LANE CLOSURE, MULTILANE, INTERSECTION
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
720001-04	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-03	BASE FOR TELESCOPING STEEL SIGN SUPPORT
814001-03	HANDHOLES
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY



DESIGN DESIGNATION

F.A.U. ROUTE 1419 (MADISON STREET)

ARTERIAL

TRAFFIC DATA

F.A.U. (MADISON STREET)

2010 ADT = 18,800

POSTED SPEED LIMIT

F.A.U. (MADISON STREET) = 25 MPH

DESIGN SPEED

F.A.U. (MADISON STREET) = 25 MPH

END IMPROVEMENTS

STA. 26 + 27.51

30" COMB. SEWER (FOREST PARK)

36" COMB. SEWER (FOREST PARK)

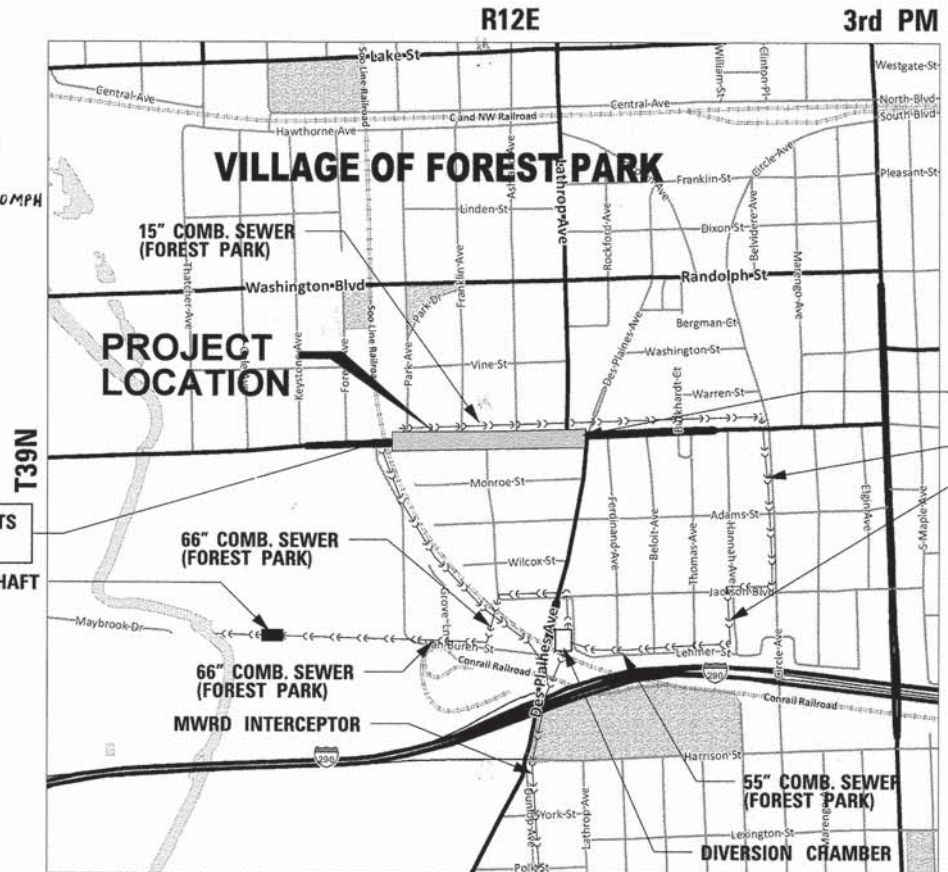
66" COMB. SEWER (FOREST PARK)

66" COMB. SEWER (FOREST PARK)

55" COMB. SEWER (FOREST PARK)

MWRD INTERCEPTOR

DIVERSION CHAMBER

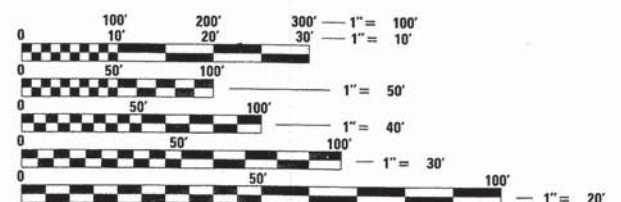


PROVISO TOWNSHIP LOCATION MAP

GROSS LENGTH = 1,600 FT. = 0.303 MILE
NET LENGTH = 1,600 FT. = 0.303 MILE

CALL JULIE 811
WITH THE FOLLOWING:
COUNTY COOK
CITY-TOWNSHIP FOREST PARK-PROVISO
SECTION & RANGE SEC. 12&13, T39N, R12E, 3RD PM
48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN., & HOLIDAYS

BEGIN IMPROVEMENTS
STA. 10 + 27.30
MWRD DROP SHAFT
NO. D-28



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.

CONTRACT NO. 61A53

ENGINEER DATE
JAMES F. AMELIO, P.E.
ILLINOIS REGISTRATION No. 062-060779
EXPIRATION DATE: 11/30/15

ENGINEER DATE
ANTHONY J. DERICCO, P.E.
ILLINOIS REGISTRATION No. 062-057484
EXPIRATION DATE: 11/30/15
APPLIES TO SHEETS 42 - 52

ENGINEER DATE
CHRISTOPHER B. BURKE, P.E.
ILLINOIS REGISTRATION No. 062-057404
EXPIRATION DATE: 11/30/15



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	<i>October 22</i> 20 14 <i>Anthony Addame</i> MAYOR VILLAGE OF FOREST PARK
APPROVED	<i>OCTOBER 23</i> 20 14 <i>Cathy Addmi</i> PRESIDENT VILLAGE OF RIVER FOREST
PASSED	<i>NOVEMBER 7</i> 20 14 <i>Christoph Helt</i> DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>November 10</i> 20 14 <i>John Fortmann</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/15

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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

1. GENERAL NOTES

- 1.1 STANDARD SPECIFICATIONS FOR EARTHWORK, PAVEMENT AND SIDEWALKS, ALL EARTHWORK, PAVEMENT, CURBING AND SIDEWALK ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PREPARED BY IDOT, LATEST EDITION AND WITH ANY SPECIAL PROVISIONS SPECIFIED HEREIN TO SAID STANDARD SPECIFICATION.
- 1.2 STANDARD SPECIFICATIONS FOR SANITARY SEWERS, STORM SEWERS AND WATER MAINS: ALL SANITARY SEWER, STORM SEWER AND WATER MAIN CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" LATEST EDITION AND WITH ANY SPECIAL PROVISIONS SPECIFIED HEREIN TO SAID STANDARD SPECIFICATIONS.
- 1.3 THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" AS PUBLISHED BY IDOT, LATEST EDITION.
- 1.4 THE "PROCEDURES AND STANDARDS FOR URBAN EROSION CONTROL IN ILLINOIS" AS PUBLISHED BY THE ILLINOIS CONSERVATION DISTRICT.
- 1.5 CONFLICTS: IN THE CASE OF CONFLICTS BETWEEN THE PLANS AND SPECIFICATIONS SHOWN HEREIN AND THE APPLICABLE STANDARD SPECIFICATIONS, THESE PLANS AND SPECIFICATIONS SHOWN HEREIN SHALL TAKE PRECEDENCE, NO SUBSTITUTIONS IN MATERIALS, DETAILS OR ANY OTHER PART OF THE WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
- 1.6 ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE CURRENT IDOT STANDARD.
- 1.7 IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROADS' RIGHT-OF-WAY. CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE RAILROADS TO MONITOR ON-COMING TRAIN TRAFFIC, AND TO ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROADS' RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12.

2. GENERAL

- 2.1 HEALTH AND SAFETY: THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND FEDERAL SAFETY REGULATIONS AS OUTLINED IN THE LATEST REVISIONS OF THE FEDERAL CONSTRUCTION SAFETY STANDARDS (SERIES 1926) AND THE APPLICABLE PROVISIONS AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA STANDARDS OF THE WILLIAMS STEGER OCCUPATIONAL HEALTH STATE AND SAFETY ACT OF 1970) REVISED.
- 2.2 THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWINGS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. HOWEVER, NEITHER IDOT NOR THE VILLAGES GUARANTEE THE COMPLETENESS OR ACCURACY OF THE INFORMATION REGARDING UTILITIES, EITHER PUBLIC OR PRIVATE SUCH AS SEWERS, GAS AND WATER MAINS, TELEPHONE AND ELECTRICAL DUCT LINES, MANHOLES, CATCH BASINS, AND SIMILAR STRUCTURES. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES THAT MAY INTERFERE WITH CONSTRUCTION OPERATIONS AND REPORT TO THE ENGINEER OMISSIONS AND DIFFERENCES FROM THE LOCATIONS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH ARE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 2.3 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE SOLELY AT THE CONTRACTOR'S EXPENSE, BEFORE STARTING ANY EXCAVATING. THE CONTRACTOR SHALL CONTACT THE VILLAGE PUBLIC WORKS DEPT. FOR FIELD LOCATIONS OF BURIED WATER AND STORM FACILITIES (2 WORKING DAY ADVANCE NOTIFICATION IS REQUIRED).
- 2.4 EXISTING STREET CLEANLINESS: THE CONTRACTOR(S) SHALL KEEP EXISTING ADJACENT STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS. CLEAN PAVEMENTS ON A DAILY BASIS OR MORE OFTEN WHEN NECESSARY AS DIRECTED BY THE ENGINEER.
- 2.5 THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 1 TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

3. EARTH WORK

WORK UNDER THIS SECTION SHALL INCLUDE BUT NOT LIMITED TO THE FOLLOWING:

- 3.1 CLEARING AND REMOVAL OF VEGETATIVE GROWTH WITHIN THE CONSTRUCTION LIMITS IS INCLUDED IN THE CONTRACT ITEMS FOR EARTHWORK.
- 3.2 PRIOR TO ONSET OF MASS GRADING OPERATIONS THE CONTRACTOR SHALL SIGN AND SUBMIT THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), THE EARTHWORK CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SOIL EROSION CONTROL SPECIFICATIONS AND DETAILS. THE INITIAL IMPLEMENTATION OF EROSION CONTROL PROCEDURES AND DEVICES MUST OCCUR BEFORE MASS GRADING BEGINS, IN ACCORDANCE WITH THE SWPPP.
- 3.3 THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORMWATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE.

4. STORM SEWER CONSTRUCTION

- 4.1 WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.
- 4.2 WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.
- 4.3 FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF 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.
- 4.4 ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CONTRACT.

- 4.5 THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS. HOWEVER, THE NECESSARY PIPE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE TYPE AND SIZE REQUIRED.
- 4.6 WHEN THE REQUIRED VERTICAL AND HORIZONTAL CLEARANCES, AS SPECIFIED BY THE IEPA, BETWEEN PROPOSED STORM SEWER AND EXISTING OR PROPOSED WATER MAINS CANNOT BE MET, CIRCULAR PIPE SHALL BE INSTALLED OF WATER MAIN QUALITY PIPE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR WATER MAIN, EXCEPT THAT ONLY DUCTILE IRON PIPE WILL BE ALLOWED BENEATH PAVEMENTS. THIS PIPE WILL BE PAID FOR AS "STORM SEWER, WATER MAIN QUALITY".
- 4.7 ANY PORTIONS OF STORM SEWER AND MISSION COUPLINGS NEEDED TO CONNECT (EXTEND) EXISTING STORM SEWER TO PROPOSED STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE STRUCTURE.
- 4.8 ANY PROPOSED CATCH BASINS OR MANHOLES WITH INVERT ELEVATIONS THAT DO NOT PROVIDE ROOM TO FIT A PRECAST CONE TOP, ARE SHALLOW DEPTH DRAINAGE STRUCTURES AND SHALL BE FITTED WITH A REINFORCED CONCRETE FLAT SLAB TOP. NO ADJUSTMENTS TO UNIT PRICES SHALL BE MADE WHETHER STRUCTURES ARE FITTED WITH CONE TOPS OR FLAT SLAB TOPS.
- 4.9 ALL PROPOSED MANHOLES SHALL BE PROVIDED WITH PRECAST CONCRETE INVERTS OR SHALL HAVE PAURED IN PLACE CONCRETE INVERTS CONFORMING TO THE SHAPE OF THE PIPE OR AS OTHERWISE SHOWN ON THE PLANS. POURED IN PLACE CONCRETE SHALL BE CLASS "SI" SHAPED AND TROWELED FOR A SMOOTH FINISH.

5. MWRDGC GENERAL NOTES

- 5.1 THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 5.2 ELEVATION DATUM IS NGVD '29 (USGS). CONVERSION EQUATION IS N/A.
- 5.3 ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
- 5.4 ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- 5.5 ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO:

PIPE MATERIAL SPEC.	JOINT SPEC.
PVC GRAVITY SEWER PIPE	
6"-15" DIA. SDR 26 ASTM D-3034	ASTM D-3212 OR ASTM D-2855
18"-27" DIA. F/DY=46 ASTM F-679	ASTM D-3212 OR ASTM D-2855
DUCTILE IRON SEWER PIPE	
ANSI A-21.51	ANSI A-21.11
REINFORCED CONCRETE SEWER PIPE	
ASTM C76	ASTM C-443

- 5.6 ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS) REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH A MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE IDOT CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
- 5.7 "BAND-SEAL" COUPLINGS WITH STAINLESS STEEL SHEAR RINGS (A.K.A. NON-SHEAR COUPLINGS) SHALL BE USED IN THE CONNECTION OF SEWER PIPE OF DISSIMILAR MATERIALS.
- 5.8 WHEN CONNECTING TO AN EXISTING SEWER MAIN ONE OF THE FOLLOWING METHODS SHALL BE USED:
 1. USE FACTORY WYE OR TEE.
 2. REMOVE AN ENTIRE SECTION OF PIPE AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 3. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND-SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- 5.9 WHEREVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS:
 - THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.
- 5.10 ALL SANITARY MANHOLES (AND STORM MANHOLES IN COMBINED SEWER AREAS) SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE PRE-CAST REINFORCED CONCRETE, RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN MANHOLE AND PIPE FOR ALL SANITARY, STORM AND COMBINED STRUCTURES.
- 5.11 ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG. THIS WORK WILL BE PAID FOR AS "PLUG EXISTING SANITARY SEWERS".

6. SANITARY SEWER CONSTRUCTION

- 6.1 MANHOLES: ALL SANITARY SEWER MANHOLES SHALL BE OF PRECAST CONCRETE CONSTRUCTION, AND SHALL HAVE RUBBER GASKETED COUPLINGS FOR ALL INLET AND OUTLET PIPES, INVERTS SHALL BE PRECAST CONCRETE CONFORMING TO THE SIZE AND SHAPE OF THE SHAPE OF THE PIPE OR POURED IN PLACE CLASS "SI" CONCRETE SHAPED AND TROWELED FOR A SMOOTH FINISH CONFORMING TO THE SIZE AND SHAPE OF THE PIPE. MINIMUM SLOPE ON BENCHES SHALL BE ONE INCH PER FOOT. SEWER DROPS ARE TO BE INSTALLED WHERE INLETS TO MANHOLE ARE GREATER THEN TWO (2) FEET ABOVE THE OUTLET INVERT.
- 6.2 MANHOLE FRAMES AND LIDS: THE FRAMES AND LIDS SHALL BE OF THE NON-ROCKING AND SELF-SEALING TYPE WITH RUBBER WATERTIGHT GASKET. THE LIDS TO BE SOLID WITH CONCEALED PICK-HOLE AND WITH THE WORDS "SANITARY SEWER" CAST INTO THE LID. CHIMNEY SEALS SHALL BE INSTALLED ON ALL SANITARY SEWER MANHOLES.
- 6.3 A NON-SHEAR "MISSION" BRAND COUPLING SHALL BE USED WHEN JOINING PIPES MADE OF DISSIMILAR MATERIAL OR WHERE NO "HUB" END EXISTS. PVC TRANSITION FITTINGS SHALL BE USED WHEN JOINING PVC PIPES OF DISSIMILAR MATERIAL SPECIFICATIONS SUCH AS WITH STORM SEWER OR WATER MAIN.

7. SIDEWALK AND CURB CONSTRUCTION

- 7.1 BACKFILLING OF CURBS SHALL BE COMPLETED PRIOR TO PLACEMENT OF ROADWAY BASE-COURSE.
- 7.2 CONTRACTION JOINTS SHALL BE SET IN SIDEWALK AT 5 FOOT CENTERS WITH 5/16" PREMOLDED RUBBER EXPANSION JOINTS AT 50 FEET CENTERS, AND WHERE SIDEWALK MEETS THE CURB, A BUILDING, OR ANOTHER SIDEWALK OR AT THE END OF EACH POUR. ALL SIDEWALKS SHALL BE BROOM FINISHED. IF A MANHOLE FRAME FALLS WITHIN THE LIMITS OF A SIDEWALK, A BOX-OUT SECTION SIDEWALK SHALL BE PLACED AROUND FRAME WITH A 1/2" EXPANSION JOINT.
- 7.3 DETECTABLE WARNINGS MEETING ADA REQUIREMENTS SHALL BE INSTALLED AT ALL INTERSECTING STREETS, COMMERCIAL DRIVEWAYS, AND ALLEYS AS DIRECTED BY THE ENGINEER (SEE IDOT STD. 424001-05 INCLUDED IN THE PLANS). CONTRACTOR SHALL VERIFY THAT ALL SLOPES MEET ADA REQUIREMENTS PRIOR TO INSTALLING DETECTABLE WARNINGS.

8. LANDSCAPING GENERAL NOTES

- 8.1 ALL PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION, 230 SOUTHERN BUILDING, WASHINGTON DC 20005 (ANSI 260.1)
- 8.2 ALL ALTERATIONS AND SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER.
- 8.3 ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE ENGINEER HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKMANSHIP. REJECTED MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND REPLACED WITH ACCEPTABLE PLANT MATERIAL AT NO ADDITIONAL EXPENSE TO THE CONTRACT.
- 8.4 ALL PLANT MATERIALS SHALL BE INSTALLED IN PLANTING AREAS PER THE DRAWINGS AND SPECIFICATIONS. ANY PLANTING AREA FOUND TO BE NON-COMPLIANT SHALL BE REMOVED AND REPLANTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE CONTRACT.
- 8.5 ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACKFILLED WITH TOPSOIL FURNISH AND PLACE, SPECIAL IN A HOLE TWICE THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED AND HAVE ALL TAGS AND ROPES REMOVED.
- 8.6 TREES SHALL HAVE A WATERING SAUCER CONSTRUCTED AT THEIR BASE.
- 8.7 BED AREAS SHALL BE ROTOTILLED AND CLUMPS OF SOIL, AGGREGATES AND DEBRIS RAKED OUT AND REMOVED FROM THE SITE. ALL BEDS SHALL HAVE WEED PREEMERGENTS APPLIED AT THE RECOMMENDED RATE, AND SHREDDED HARDWOOD MULCH SPREAD AT A MINIMUM OF 3" DEPTH. THIS WORK WILL BE INCLUDED IN THE COST OF SHREDDED BARK MULCH, 3".
- 8.8 ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
- 8.9 ALL GRASSED AREAS DISTURBED DURING THE CONSTRUCTION OPERATIONS SHALL BE SODED IN ACCORDANCE WITH SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. WORKING THE EXISTING TOPSOIL AND PLACING ADDITIONAL TOPSOIL AS NEEDED WILL BE PAID FOR AS "TOPSOIL FURNISH AND PLACEMENT, 6".
- 8.10 ALL PLANT MATERIAL SHALL BE FULLY GUARANTEED FOR A PERIOD OF NOT LESS THAN ONE YEAR AFTER THE DATE OF ACCEPTANCE BY THE ENGINEER. UNHEALTHY OR EXPIRED PLANT STOCK SHALL BE REPLACED AS SOON AS CONDITIONS PERMIT AT NO ADDITIONAL EXPENSE.
- 8.11 ALL MULCH SHOULD BE OBTAINED FROM AN APPROVED SOURCE AND BE FREE FROM CONTAMINANTS AND SPECIAL PRECAUTION SHOULD BE TAKEN TO INSURE THAT IT IS FREE FROM INFESTATION BY ASH BORER OR SIMILAR.

UTILITY POINTS OF CONTACT

AT&T DISTRIBUTION 1000 COMMERCE DRIVE, FLOOR 1 OAK BROOK, IL 60523 ATTN: STEVE LARSON 630-573-5450	DUPAGE WATER COMMISSION 600 E. BUTTERFIELD RD ELMHURST, IL 60126 ATTN: MICHAEL SCHWEIZER 630-834-0100 (BUS)
COMCAST 688 INDUSTRIAL DR. ELMHURST, IL 60126 ATTN: MARTHA GIERAS 630-600-6352 (BUS)	NICOR GAS 1844 FERRY RD. NAPERVILLE, IL 60563-9600 ATTN: CONSTANCE LANE 630-388-3830 (BUS)
COMED 1 N. 423 SWIFT ROAD LOMBARD, IL 60148 ATTN: PETE KRATZER 708-518-6209 (CELL)	HANCOCK ENGINEERING 9333 W. ROOSEVELT RD. WESTCHESTER, IL 60154 ATTN: JIM GOUMAS 708-865-0300 (BUS)
VILLAGE OF RIVER FOREST PUBLIC WORKS 400 PARK AVENUE RIVER FOREST, IL 60305 ATTN: PHIL COTTER 708-714-3550 (BUS)	

9. PAVEMENT CONSTRUCTION

- 9.1 AFTER THE INSTALLATION OF THE SUB-BASE COURSE, ALL TRAFFIC SHALL BE KEPT OFF THE BASE UNTIL THE BINDER COURSE IS LAID. AFTER INSTALLATION OF THE BINDER COURSE THE PAVEMENT SHALL BE CLEANED, PRIMED AND THE SURFACE COURSE LAID. ALL DAMAGED AREAS IN THE BINDER BASE OR BINDER SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER PRIOR TO LAYING THE SURFACE COURSE. THE PAVING CONTRACTOR SHALL PROVIDE WHATEVER EQUIPMENT AND MANPOWER IS NECESSARY, INCLUDING THE USE OF WATER BROOMS, TO PREPARE THE PAVEMENT FOR APPLICATION OF THE SURFACE COURSE. A TACK COAT SHALL BE APPLIED TO THE BINDER.
- 9.2 A SMOOTH TRANSITION SHALL BE PROVIDED BETWEEN NEW AND EXISTING CONSTRUCTION, DIFFERENT PHASES OF CONSTRUCTION, AND TEMPORARY CONSTRUCTION.

10. EROSION & SEDIMENT CONTROL

- 10.1 UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
- 10.2 THE ENGINEER IS NOT RESPONSIBLE FOR IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), INCLUDING MAINTENANCE AND/OR REPAIR OF SOIL EROSION AND SEDIMENT CONTROL MEASURES, FOR COMPLIANCE WITH THE GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.
- 10.3 THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED SWPPP AND THE UP-TO-DATE SEDIMENT CONTROL PLAN ON THE SITE AT ALL TIMES.
- 10.4 THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES FOR THE PREVENTION OF EROSION AND SEDIMENTATION AS COMMITTED TO IN THE SIGNED SWPPP.
- 10.5 DEWATERING DIRECTLY INTO COMBINED OR STORM SEWERS OR STRUCTURES IS PROHIBITED.
- 10.6 ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAIN EVENT.

11. WATER MAIN CONSTRUCTION

- 11.1 ALL NEW WATERMAIN FITTINGS SHALL BE DUCTILE IRON PIPE FITTINGS, CLASS 52, WITH MECHANICAL JOINTS. FITTINGS AND SPECIALS SHALL BE EITHER CAST IRON OR DUCTILE IRON AND SHALL CONFORM TO ANSI A21.10 (AWWA C-110). JOINTS SHALL BE MECHANICAL JOINT IN ACCORDANCE WITH ANSI A21.11 (AWWA C-111 AND AWWA C-600). FITTINGS AND SPECIALS SHALL BE BITUMINOUS (SEAL) COATED ON THE EXTERIOR AND CEMENT-MORTAR LINED ON THE INTERIOR IN ACCORDANCE WITH ANSI A21.4 (AWWA C-104). FITTINGS AND SPECIALS SHALL BE FURNISHED AND INSTALLED WITH ACCESSORIES NECESSARY FOR A COMPLETE AND OPERATING INSTALLATION. MEGA-LUG RETAINER GLANDS SHALL BE USED ON ALL OFFSET FITTINGS. REINFORCED CONCRETE THRUST BLOCKING SHALL BE CONSTRUCTED ON FIRE HYDRANT RELOCATIONS.
- 11.2 MINIMUM COVER: ALL WATERMANS SHALL HAVE A MINIMUM COVER OF 5.5 FEET AND A MAXIMUM OF 8' UNLESS APPROVED BY THE ENGINEER MEASURED FROM PROPOSED FINISHED GROUND LINE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THIS MINIMUM DEPTH OF COVER.
- 11.3 ALL NEW WATERMAIN WORK INCLUDING HYDRANT LATERALS SHALL BE TESTED FOR LEAKAGE UNDER PRESSURE AND BE DISINFECTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS TO THE APPROVAL OF THE ENGINEER AND SATISFACTION OF THE RESPECTIVE VILLAGE WATER DEPARTMENT.
- 11.4 FOR WATER MAIN SHUT OFFS, THE CONTRACTOR SHALL GIVE THE VILLAGE A MINIMUM OF 2 WORKING DAYS NOTICE. THE VILLAGE SHALL PROVIDE NOTIFICATION FORMS AND DETERMINE THE LIMIT OF THE AFFECTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF THE NOTIFICATION FORMS TO ALL AFFECTED RESIDENTS. THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE VILLAGE PUBLIC WORKS DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.
- 11.5 ANY NECESSARY PUMPING OF WATER FROM THE TRENCHES SHALL BE INCLUDED IN THE COST OF THE PROPOSED WATER MAIN.

12. MISCELLANEOUS

- 12.1 EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED ON TEMPORARY SUPPORTS OR ENTIRELY REMOVED FROM THE PROJECT SITE AT THE DIRECTION OF THE ENGINEER. ALL EXISTING CTA BUS STOP SIGNS MUST BE RELOCATED TO TEMPORARY SUPPORTS DURING CONSTRUCTION AND INSTALLED ON PERMANENT SUPPORTS WITH ALL NEW HARDWARE AT THE TIME OF COMPLETION OF CONFLICTING IMPROVEMENTS. THE WORK TO MAINTAIN SIGNAGE ON TEMPORARY SUPPORTS SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.
- 12.2 ALL SAW-CUTTING SHALL BE INCLUDED IN THE ITEM TO BE REMOVED AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAW-CUTTING WILL NOT BE MEASURED FOR PAYMENT.

13. MAINTENANCE OF TRAFFIC

- 13.1 ANY PROPOSED ACTIVITY IN THE VICINITY OF A HIGHWAY-RAIL GRADE CROSSING MUST ADHERE TO THE GUIDELINES SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) UNDER SECTION 6G.18; WORK IN THE VICINITY A GRADE CROSSING WHICH STATES: "WHEN GRADE CROSSINGS EXIST EITHER WITHIN OR IN THE VICINITY OF A TTC ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE".

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USER NAME = mthomas	DESIGNED <i>JJA</i>	REVISED -
PLLOT SCALE = 1"	DRAWN <i>PDR</i>	REVISED -
PLLOT DATE = 12/9/2014	CHECKED <i>LMF</i>	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, SPECIFICATIONS AND LANDSCAPE NOTES
MADISON STREET**

SCALE: NTS SHEET 1 OF 1 STA. --- TO STA. ---

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-0011-00-LS	COOK	69	2
				CONTRACT NO. 61A53
ILLINOIS FED. AID PROJECT				

CODED PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY			
			TOTAL ESTIMATED	ITEP (SSCP)	STP (RDWY)	NON-PART
20101000	TEMPORARY FENCE	FOOT	3400	3400	-	-
20200100	EARTH EXCAVATION	CU YD	2266	102	2164	-
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	500	-	500	-
20800150	TRENCH BACKFILL	CU YD	595	70	-	525
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1244	-	1244	-
★ 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	100	100	-	-
★ 25200100	SODDING	SQ YD	100	100	-	-
★ 25200200	SUPPLEMENTAL WATERING	UNIT	10	10	-	-
28000510	INLET FILTERS	EACH	49	49	-	-
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	8435	-	8435	-
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1635	1635	-	-
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	1050	1050	-	-
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8900	-	8900	-
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	85	-	85	-
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	75	-	75	-
40701866	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/4"	SQ YD	7100	-	7100	-
42001300	PROTECTIVE COAT	SQ YD	2657	2657	-	-
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	487	487	-	-
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14725	14725	-	-
42400800	DETECTABLE WARNINGS	SQ FT	160	160	-	-
44000100	PAVEMENT REMOVAL	SQ YD	5994	270	5724	-
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	185	185	-	-
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2813	2813	-	-
44000600	SIDEWALK REMOVAL	SQ FT	16062	16062	-	-
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	50	-	50	-
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	107	107	-	-
55100200	STORM SEWER REMOVAL 6"	FOOT	16	16	-	-
55100300	STORM SEWER REMOVAL 8"	FOOT	153	153	-	-
55100500	STORM SEWER REMOVAL 12"	FOOT	16	16	-	-
★ 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	62	-	-	62
★ 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	880	-	-	880
★ 56105000	WATER VALVES 8"	EACH	2	-	-	2
★ 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1	-	-
★ 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	2	2	-	-
★ 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	4	-	-	4
★ 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	4	-	-	4

CODED PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY			
			TOTAL ESTIMATED	ITEP (SSCP)	STP (RDWY)	NON-PART
★ 56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	1	1	-	-
★ 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	32	32	-	-
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	23	23	-	-
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	3	3	-	-
★ 60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	-	-	5
★ 60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	-	-	2
60250200	CATCH BASINS TO BE ADJUSTED	EACH	4	4	-	-
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	-	-
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	6	6	-	-
60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2	-	-
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	8	-	8	-
60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	-	2	-
60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1	-	1	-
60266300	VALVE VAULTS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	-	1	-
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3	3	-	-
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5	5	-	-
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5	-	5	-
60500050	REMOVING CATCH BASINS	EACH	6	6	-	-
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2,500	-	2,500	-
60603451	PRECAST CONCRETE CURB	FOOT	626	626	-	-
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	-	1	-
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3552	3552	-	-
66900530	SOIL DISPOSAL ANALYSIS	EACH	10	-	10	-
67100100	MOBILIZATION	L SUM	1	1	-	-
66901000	BACKFILL PLUGS	CU YD	35	-	35	-
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12	-	-
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	285	285	-	-
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	250	250	-	-
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1100	1100	-	-
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	180	180	-	-
72000100	SIGN PANEL - TYPE 1	SQ FT	118	118	-	-
72300100	INSTALL EXISTING SIGN PANEL	SQ FT	20	20	-	-
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	10	10	-	-
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3	-	-
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	54	54	-	-
★ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	362	-	362	-
★ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5827	-	5827	-
★ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1011	-	1011	-
★ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	403	-	403	-
★ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	274	-	274	-
78300100	PAVEMENT MARKING REMOVAL	SQ FT	4500	4500	-	-
★ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	2	-	-

• SPECIALTY ITEMS

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 DRAWN PDR
 CHECKED LMF
 DATE -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
MADISON STREET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	3

CONTRACT NO. 61A53

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

ILLINOIS FED. AID PROJECT

CODED PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY			
			TOTAL ESTIMATED	ITEP (SSCP)	STP (RDWY)	NON-PART
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1	-	-
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	300	300	-	-
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	700	700	-	-
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	180	180	-	-
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	60	60	-	-
* 81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC, 1 1/2" DIA.	FOOT	4800	4800	-	-
* 81400100	HANDHOLE	EACH	3	3	-	-
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	32500	32500	-	-
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1100	1100	-	-
* 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100 AMP	EACH	2	2	-	-
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	290	290	-	-
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	22	22	-	-
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	15	15	-	-
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	-	2	-
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	372	-	372	-
* 89502300	REMOVE EXISTING CABLE FROM CONDUIT	FOOT	12500	12500	-	-
* 89502350	REMOVE AND REINSTALL EXISTING CABLE FROM CONDUIT	FOOT	250	250	-	-
* 89502380	REMOVE EXISTING HANDHOLE	EACH	8	8	-	-
* A2008124	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLE LEAF LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	10	10	-	-
* C2C01024	SHRUB, BUXUS MICROPHYLLA WINTERGREEN (WINTERGREEN LITTLELEAF BOXWOOD), 2' HEIGHT, CONTAINER	EACH	56	56	-	-
* K1005481	SHREDDED BARK MULCH 3"	SQ YD	240	240	-	-
* X0320374	PLUG EXISTING SANITARY SEWERS	EACH	10	10	-	-
* X0323002	TEMPORARY ELECTRIC SERVICE CONNECTION	EACH	5	5	-	-
* X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	4	-	-	4
X0326806	WASHOUT BASIN	L SUM	1	1	-	-
X0325942	CONCRETE LANDING SLAB	SQ FT	9350	9350	-	-
X0327018	DECORATIVE SIGN POST	EACH	11	11	-	-
X0327301	RELOCATE EXISTING MAILBOX	EACH	1	1	-	-
* X0327618	LANDSCAPING, SPECIAL	L SUM	1	1	-	-
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	500	-	500	-
* X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	200	200	-	-
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	12	12	-	-
X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	6	-	-
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	735	-	735	-
X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	3016	-	3016	-
* X5630004	CUT AND CAP EXISTING 4" WATER MAIN	EACH	1	-	-	1

CODED PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY			
			TOTAL ESTIMATED	ITEP (SSCP)	STP (RDWY)	NON-PART
* X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	1	-	-	1
* X5610744	WATER MAIN LINE STOP 4"	EACH	1	-	-	1
* X5610746	WATER MAIN LINE STOP 6"	EACH	1	-	-	1
* X6022858	MANHOLES, TYPE A, SANITARY, 4' - DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	18	18	-	-
* X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	16	-	16	-
* X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	6	-	6	-
* X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4	-	4	-
* X6026057	SANITARY MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	-	3	-
* X6026634	METER VAULTS TO BE ADJUSTED	EACH	1	1	-	-
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	-	1	-
* X8140115	HANDHOLE TO BE ADJUSTED	EACH	5	5	-	-
* X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	26	26	-	-
* XX000052	REMOVE EXISTING WATERMAIN	FOOT	111	-	-	111
XX002948	TEMPORARY ACCESS WALK	EACH	27	27	-	-
XX005735	PLANTER CURB	FOOT	450	450	-	-
* XX006111	WATER SERVICE RECONNECTION, WITH NEW BUFFALO BOX, LONG SIDE 1"(MINIMUM)	EACH	11	-	-	11
* XX006112	WATER SERVICE RECONNECTION, WITH NEW BUFFALO BOX, SHORT SIDE 1"(MINIMUM)	EACH	15	-	-	15
XX006591	PAVEMENT TEXTURING	SQ FT	1733	1733	-	-
XX007852	PEDESTRIAN BENCH, FURNISH AND INSTALL	EACH	9	9	-	-
XX007857	TRASH RECEPTACLE, FURNISH & INSTALL	EACH	9	9	-	-
* XX008068	LUMINAIRE INSTALLATION, TYPE 1	EACH	31	31	-	-
XX008204	UNIT PAVERS ON SAND BED	SQ FT	9100	9100	-	-
* Z0001110	GAS VALVE TO BE ADJUSTED	EACH	4	4	-	-
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	-	1	-
* Z0033024	MAINTAIN EXISTING LIGHTING SYSTEM	L SUM	1	1	-	-
* Z0044300	PRESSURE CONNECTION 4" X 4"	EACH	1	-	-	1
* Z0044500	PRESSURE CONNECTION 6" X 6"	EACH	1	-	-	1
* Z0044800	PRESSURE CONNECTION 8" X 8"	EACH	1	-	-	1
* Z0045000	PRESSURE CONNECTION 12" X 6"	EACH	2	-	-	2
* Z0045002	PRESSURE CONNECTION 12" X 8"	EACH	1	-	-	1
Z0048685	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	-	-
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	21	21	-	-
Δ Z0076600	TRAINERS	HR	500	500	-	-
Z0062456	TEMPORARY PAVEMENT	SQ YD	408	408	-	-
Δ Z0076604	TRAINERS TRAINING PROGRAM GRADUATE	HR	500	500	-	-

• SPECIALTY ITEMS
Δ 0042

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USER NAME = mworder
DESIGNED JJA
DRAWN PDR
CHECKED LMF
DATE -
PLOT SCALE = 1"
PLOT DATE = 10/21/2014

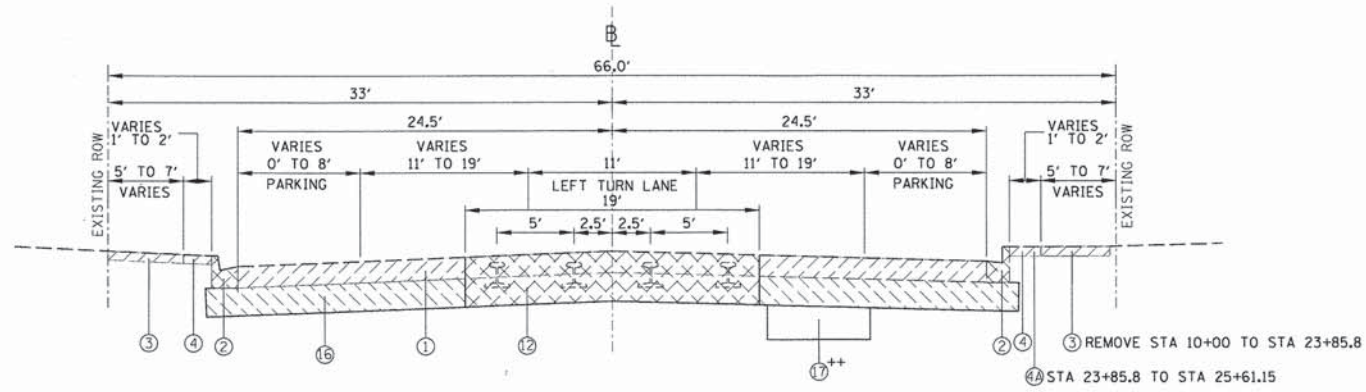
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

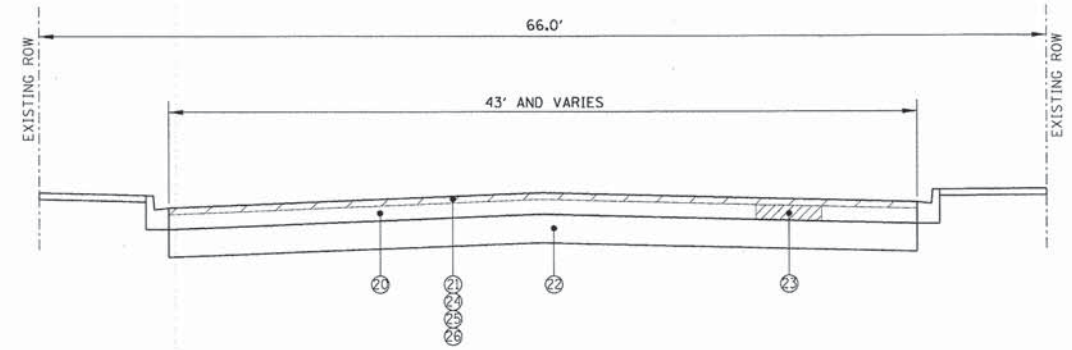
SUMMARY OF QUANTITIES
MADISON STREET

SCALE: NTS SHEET 2 OF 2 STA. --- TO STA. ---

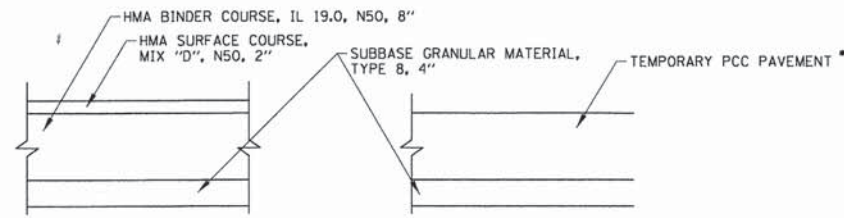
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	4
CONTRACT NO. 61A53			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION
STATION 10+34.20 STATION 25+00.00 MADISON STREET



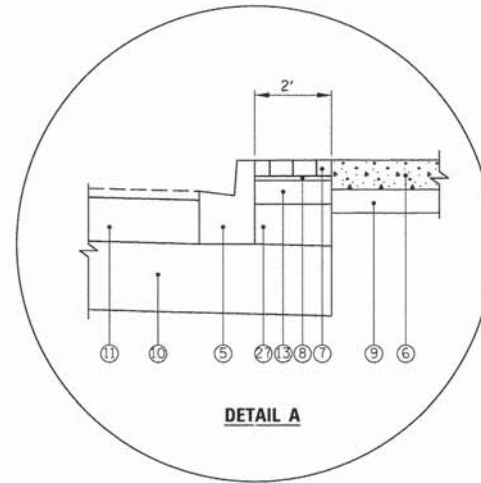
PROPOSED TYPICAL SECTION (RESURFACING)
STATION 25+00 TO STATION 26+27.51, MADISON STREET



TEMPORARY PAVEMENT (HMA OPTION)

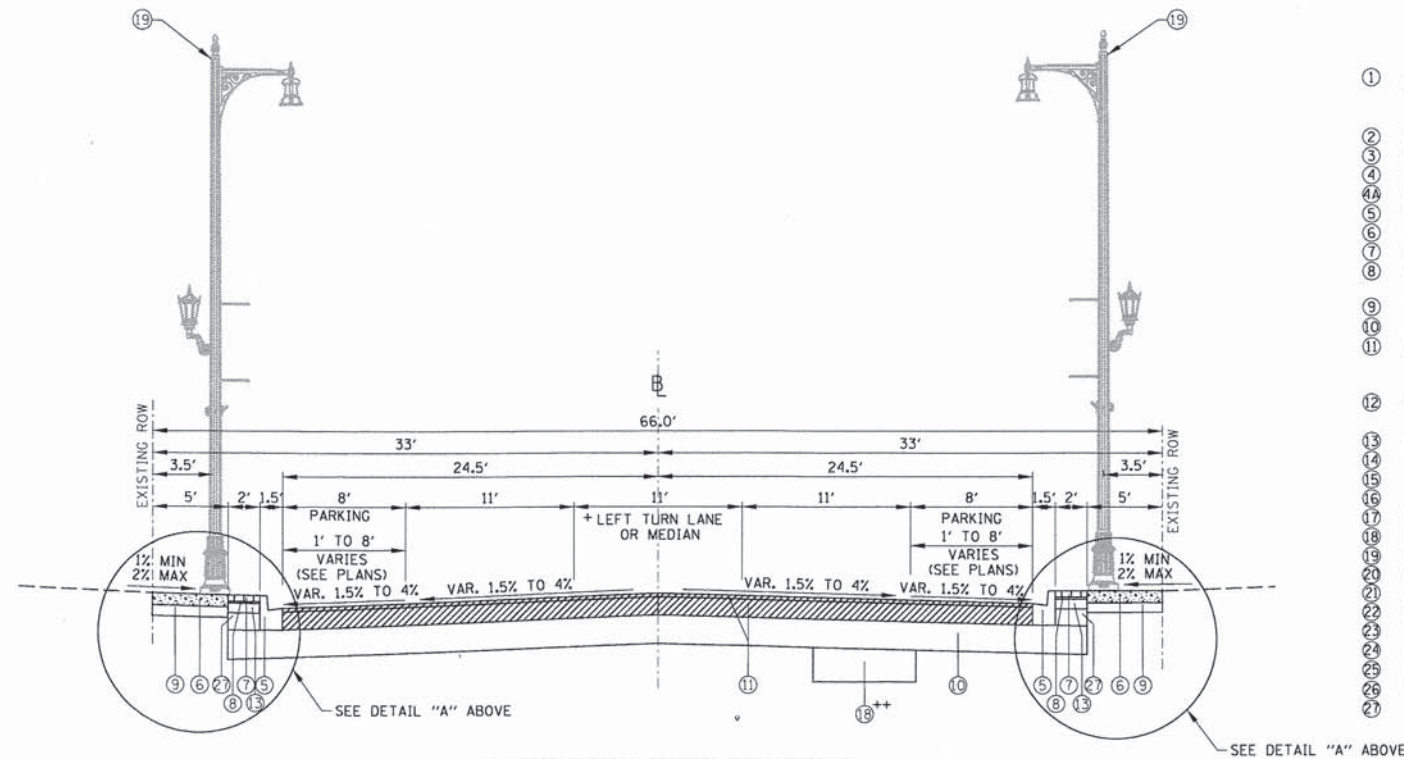
TEMPORARY PAVEMENT (PCC OPTION)

* TEMPORARY PCC PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF SECTION 1020 OF THE STANDARD SPECIFICATIONS, TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.



DETAIL A

CONTRACTOR SHALL MILL PAVEMENT BEFORE PATCHING



PROPOSED TYPICAL SECTION (RECONSTRUCT)
STATION 10+34.20 TO STATION 23+85.92, MADISON STREET

+ SEE LANDSCAPING DETAILS FOR TYPICAL SECTIONS AT LANDSCAPE MEDIANS.
++ UNDERCUT LOCATIONS TO BE DETERMINED BY THE ENGINEER.

LEGEND

- ① EXISTING PAVEMENT REMOVAL (SEE PAVEMENT CORE INFORMATION IN SPECIAL PROVISIONS FOR PAVEMENT TYPE/THICKNESSES)
- ② EXISTING CURB AND GUTTER REMOVAL
- ③ EXISTING SIDEWALK REMOVAL
- ④ EXISTING PARKWAY
- ④A EXISTING BRICK PAVEMENT TO REMAIN
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TY B-6.12
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- ⑦ UNIT PAVER ON SAND BED; 2.7" NOMINAL SAND CUSHION, 1" (INCLUDED IN THE COST OF UNIT PAVER ON SAND BED)
- ⑧ SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ⑩ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑪ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/4" + HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2" + HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 7 1/4"
- ⑫ PAVEMENT REMOVAL (SPECIAL) - WIDTH IS ESTIMATED AND SHALL BE VERIFIED IN THE FIELD
- ⑬ CONCRETE LANDING SLAB; 4"
- ⑭ SHREDDED BARK MULCH 3"
- ⑮ TOPSOIL FURNISH AND PLACE, SPECIAL
- ⑯ EARTH EXCAVATION
- ⑰ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑱ POROUS GRANULAR SUBGRADE, SPECIAL
- ⑲ LIGHT POLE
- ⑳ EXISTING BITUMINOUS CONCRETE PAVEMENT (1 1/2" & VARIES)
- ㉑ HMA SURFACE REMOVAL, VARIABLE DEPTH (2"-4")
- ㉒ EXISTING CRUSHED STONE SUB-BASE (8" & VARIES)
- ㉓ CLASS D PATCH, 9" (AT LOCATIONS DIRECTED BY THE ENGINEER)
- ㉔ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 1/2"-2")
- ㉕ LEVELING BINDER (MACHINE METHOD), N70 (3/4" - 2 1/4")
- ㉖ BITUMINOUS MATERIALS (PRIME COAT)
- ㉗ SUBBASE GRANULAR MATERIAL, TYPE B, 8"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ NDES
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2" - 2"	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70, 3/4" - 2 1/4"	4% @ 70 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9 1/4"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7 1/4" (3" - 4" LIFTS)	4% @ 70 GYR.
CLASS D PATCHES, 9"	
HOT MIX ASPHALT BINDER COURSE IL-19.0, N70 (3" - 4" LIFTS)	4% @ 70 GYR.
TEMPORARY PAVEMENT (HMA)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8"	4% @ 50 GYR.

NOTES:

- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/ SQ. YD. IN.
- 2. "POROUS GRANULAR EMBANKMENT, SPECIAL HAS BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. THE REMOVAL AND REPLACEMENT AREA SHALL EXTEND TO 12 INCHES BEYOND THE CURB AND GUTTER AND COME UP AT A 1:1 SLOPE TO THE EXISTING GROUND SURFACE. THESE LIMITS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL".

CHRISTOPHER B. BURKE
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9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = mthomas
DESIGNED JJA
DRAWN PDR
CHECKED LMF
DATE -

REVISIONS:
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
MADISON STREET

SCALE: NTS SHEET 1 OF 1 STA. --- TO STA. ---

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	5
CONTRACT NO. 61A53				
ILLINOIS FED. AID PROJECT				

MADISON STREET EARTHWORK SCHEDULE				
MADISON ST STATION	EXCAVATION (SQ FT)	EMBANKMENT (SQ FT)	EXCAVATION (CU YD)	EMBANKMENT (CU YD)
10+50.0	70	0	0	0
10+75.0	63	0	62	0
11+00.0	55	0	55	1
11+25.0	61	0	54	1
11+50.0	56	0	55	0
11+75.0	67	5	58	3
12+00.0	102	4	79	5
12+25.0	78	0	84	2
12+50.0	71	3	69	2
12+75.0	75	0	68	2
13+00.0	69	0	67	0
13+25.0	62	1	61	1
13+50.0	57	2	56	2
13+75.0	54	2	52	2
14+00.0	52	0	50	1
14+25.0	54	0	49	0
14+50.0	51	2	49	1
14+75.0	47	3	46	3
15+00.0	65	4	53	4
15+25.0	68	4	62	4
15+50.0	65	0	62	2
15+75.0	59	0	58	0
16+00.0	39	2	46	1
16+25.0	52	3	43	3
16+50.0	47	3	46	3
16+75.0	38	0	40	2
17+00.0	37	0	35	0
17+25.0	32	0	33	0
17+50.0	28	0	28	0
17+75.0	30	0	27	0
18+00.0	29	0	28	0
18+25.0	35	0	30	0
18+50.0	38	5	34	3
18+75.0	31	5	32	5
19+00.0	37	5	32	5
19+25.0	40	5	36	5
19+50.0	35	3	35	4
19+75.0	34	4	32	4
20+00.0	38	5	33	5
20+25.0	38	0	35	3
20+50.0	36	0	35	0
20+75.0	30	7	31	4
21+00.0	29	7	27	7
21+25.0	28	11	27	8
21+50.0	27	0	26	5
21+75.0	24	0	24	0
22+00.0	20	0	21	0
22+25.0	24	7	21	4
22+50.0	21	0	21	4
22+75.0	16	0	17	0
23+00.0	12	0	14	0
23+25.0	18	3	14	2
23+50.0	16	10	16	6
23+75.0	17	6	16	8
24+00.0	14	8	15	7
24+25.0	15	1	14	5
24+50.0	10	5	12	3
24+75.0	12	5	11	5
25+00.0	7	5	9	5
25+25.0	11	16	9	10
25+50.0	5	0	8	8
EARTHWORK TOTALS			2262	170

MADISON STREET SIGNAGE SCHEDULE

SIGN TYPE	EXISTING			PROPOSED			SIZE		EACH	SQ FT	SQ FT	EACH	EACH	EACH	EACH	EACH	EACH	SQ FT	SQ FT
	STATION	OFFSET	RT/LT	STATION	OFFSET	RT/LT	WIDTH	HEIGHT											
PACE BUS	10+62.00	27.00	LT				EXIST	EXIST										4	
R2-1	10+71.50	28.00	RT	10+78.50	29.00	RT	24.00	30.00		5						1	1		
R7-1	10+71.50	28.00	RT	10+78.50	29.00	RT	12.00	18.00		1.5					1	-			
"MADISON ST"	11+63.00	28.00	LT	12+28.00	29.00	LT	8.00	24.00			1.33			1	1				
"PARK AV"	11+63.00	28.00	LT	12+28.00	29.00	LT	8.00	24.00			1.33			1	-				
R7-1	11+63.00	28.00	LT				12.00	18.00										1.5	
R1-1	11+75.00	46.00	LT	11+75.00	39.00	LT	30.00	30.00	1	6.25			1					6.25	
PACE BUS	11+79.50	28.00	RT	11+79.50	21.00	RT	EXIST	EXIST	1			1						4	4
R1-1				12+23.00	38.00	RT	30.00	30.00	1	6.25			1						
PACE BUS	12+26.00	27.00	LT	12+28.00	29.00	LT	EXIST	EXIST					1					4	4
R7-1	12+74.00	27.00	LT				12.00	18.00										1.5	
JACKSON BLVD	12+88.00	28.00	RT				24.00	30.00								1			
ONLY	12+88.00	28.00	RT				24.00	8.00											
R7-1	12+88.00	28.00	RT				12.00	18.00											
W10-1	13+87.00	28.00	LT	13+78.00	29.00	LT	36.00	36.00		9				1				9	
"MADISON ST"	16+15.00	28.00	LT	16+78.50	29.00	LT	8.00	24.00			1.33			1		1			
"FRANKLIN AV"	16+15.00	28.00	LT	16+78.50	29.00	LT	8.00	24.00			1.33			1		-			
R2-1	16+15.00	28.00	LT	16+13.00	22.00	LT	24.00	30.00	1	5			1						
R1-1	16+26.50	37.00	LT	16+32.50	38.50	LT	30.00	30.00	1	6.25			1					6.25	
R3-8	16+90.00	28.00	RT	16+38.00	21.00	RT	30.00	30.00	1	6.25			1				1		
W16-8P				16+38.00	21.00	RT	30.00	12.00	-	2.5			1						
R7-1	16+90.00	28.00	RT	16+38.00	21.00	RT	12.00	18.00	-	1.5			1						
R3-4	16+90.00	28.00	RT	18+12.00	29.00	RT	24.00	24.00		4					1				
PACE BUS	16+88.00	27.00	LT	16+78.50	29.00	LT	EXIST	EXIST					1					4	4
"MADISON ST"	18+88.00	28.00	RT	18+12.00	29.00	RT	8.00	24.00			1.33			1		1			
"JACKSON BLVD"	18+88.00	28.00	RT	18+12.00	29.00	RT	8.00	24.00			1.33			1		-			
PACE BUS	19+44.00	49.00	RT	19+38.00	21.00	RT	EXIST	EXIST	1			1						4	4
R3-4	19+96.00	28.00	LT	19+58.00	28.50	LT	24.00	24.00	1	4			1			1			
R7-5	19+96.00	28.00	LT	19+58.00	28.50	LT	12.00	18.00	-	1.5			1						
R7-5				20+46.00	29.00	RT	12.00	18.00		1.5				1					
"MADISON ST"	20+56.00	33.00	LT	20+46.50	29.00	LT	8.00	24.00			1.33			1		1			
"ASHLAND AV"	20+56.00	33.00	LT	20+46.50	29.00	LT	8.00	24.00			1.33			1		-			
R1-1	20+57.00	40.50	LT	20+57.00	40.50	LT	30.00	30.00	1	6.25			1					6.25	
R7-1	21+52.00	28.00	LT				12.00	18.00										1.5	
W3-3	21+96.00	28.00	LT	21+96.50	29.00	LT	30.00	30.00		6.25					1		1		
W16-8P	21+96.00	28.00	LT	21+96.50	29.00	LT	30.00	12.00		2.5				1					
R7-5	21+96.00	28.00	LT	21+96.50	29.00	LT	12.00	18.00		1.5				1					
R2-1	21+10.00	29.00	RT	21+02.00	21.00	RT	24.00	30.00	1	5			1			1			
R7-108	21+10.00	29.00	RT	21+96.00	29.00	RT	12.00	18.00		1.5				1		-			
R3-4	22+84.00	28.00	RT	23+46.00	29.00	RT	24.00	24.00		4				1	1				
R7-108	22+84.00	28.00	RT	23+46.00	29.00	RT	12.00	18.00		1.5				1		-			
SPECIALTY	23+98.00	28.00	LT	24+30.00	22.00	LT	24.00	24.00					1			1			4
R7-1	23+98.00	28.00	LT				12.00	18.00											
R7-1	24+66.00	27.00	LT				12.00	18.00										1.5	
R1-1	24+92.00	39.00	LT	25+00.00	38.00	LT	30.00	30.00	1	6.25			1				1		
R3-2	24+92.00	39.00	LT	25+00.00	38.00	LT	30.00	30.00	-	6.25			1						
R10-20A	24+92.00	39.00	LT	25+00.00	38.00	LT	30.00	24.00	-	5			1						

DECORATIVE SIGN POST	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 1, DOUBLE-SIDED	FLAG MOUNT ON NEW DECORATIVE POLE	CENTER MOUNT ON NEW DECORATIVE POLE	FLAG MOUNT ON LIGHT POLE	CENTER MOUNT ON LIGHT POLE	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	REMOVE SIGN PANEL - TYPE 1	INSTALL EXISTING SIGN PANEL
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CHRISTOPHER B. BURKE
ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = mthomas
DESIGNED JJA
DRAWN PDR
CHECKED LMF
DATE -
PLOT SCALE = 1"
PLOT DATE = 12/9/2014

REVISED -
REVISED -
REVISED -
REVISED -

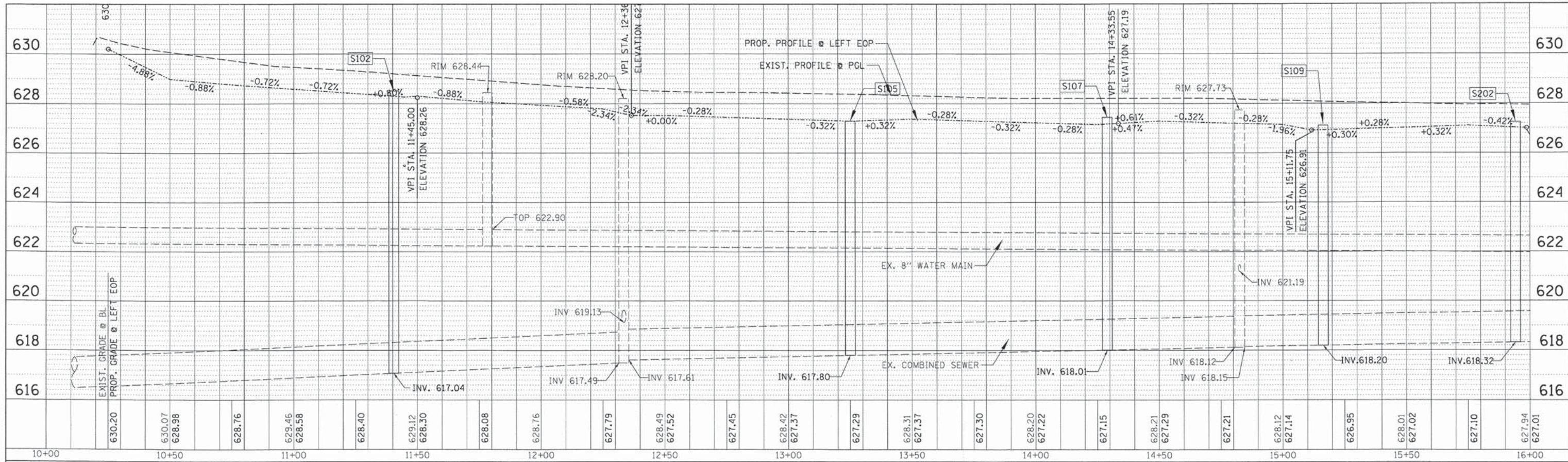
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
MADISON STREET
SCALE: NTS SHEET 1 OF 1 STA. --- TO STA. ---

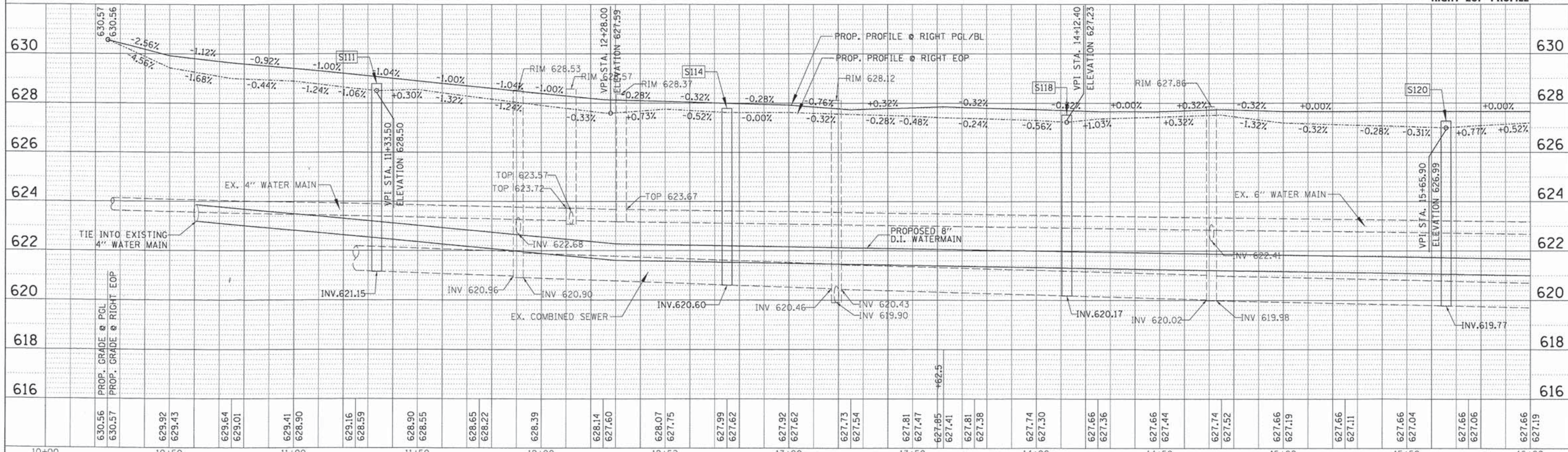
F.A.U. RTE. 1419 SECTION 13-00111-00-LS COUNTY COOK TOTAL SHEETS 69 SHEET NO. 6 CONTRACT NO. 61A53 [ILLINOIS] FED. AID PROJECT

PLAN	DESIGNED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NOTED		
	DATE		
	NO.		

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	NOTED		
	DATE		
	NO.		



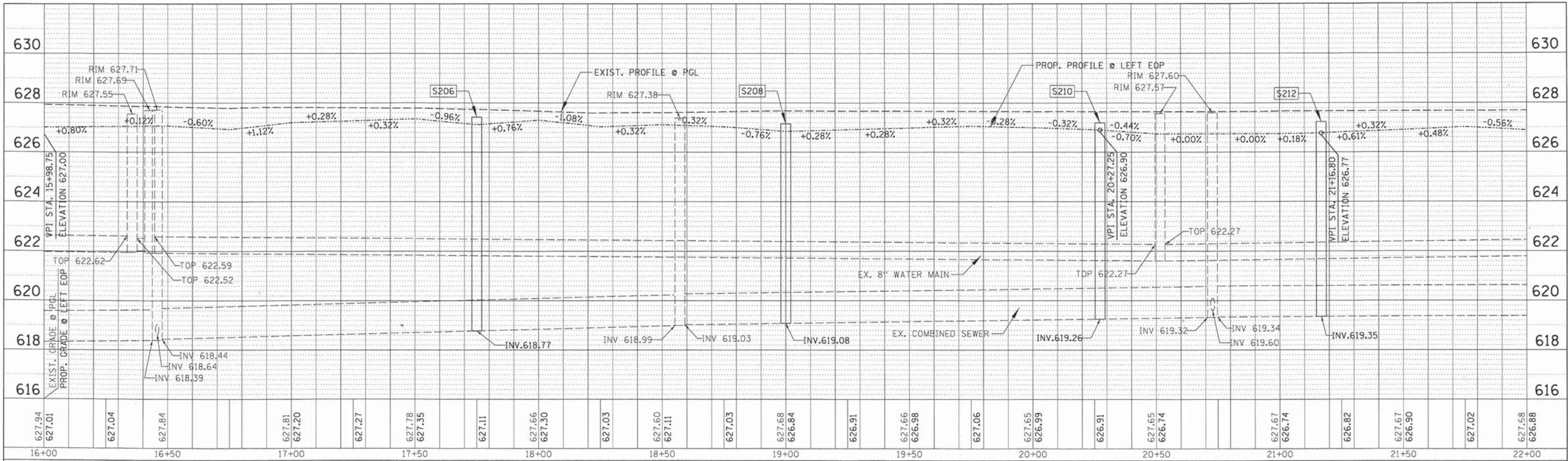
LEFT EOP PROFILE



RIGHT EOP PROFILE

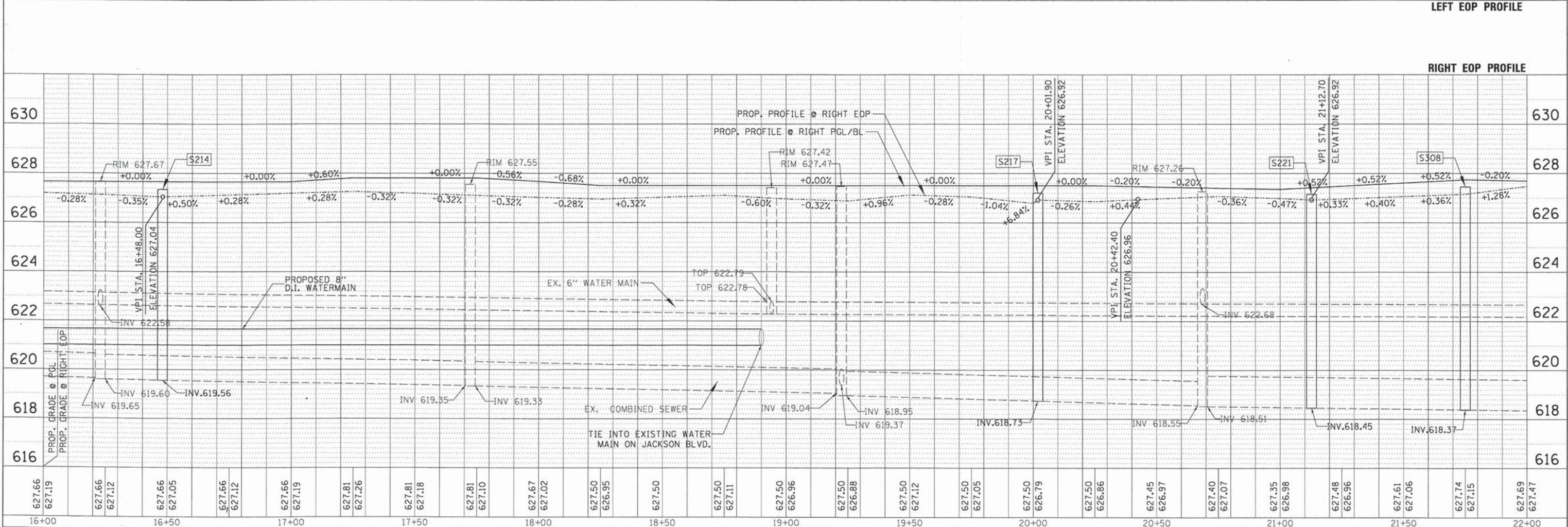
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 8575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	USER NAME = mthomas	DESIGNED -	REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p>PROFILES MADISON STREET</p> <p>SCALE: 20' SHEET 1 OF 3 SHEETS STA. 10+00 TO STA. 16+00</p>	F.A. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 8
	PLT SCALE = 28'	CHECKED -	REVISED -		CONTRACT NO. 61A53				
	PLT DATE = 12/9/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT				

PLAN	DESIGNED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. _____		
	DATE _____		



LEFT EOP PROFILE

PROFILE	DESIGNED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STAT. DATE		
	NOTATION		
	NO. _____		
	DATE _____		



RIGHT EOP PROFILE

627.94 627.01	627.04	627.84	627.81 627.20	627.27	627.78 627.35	627.11	627.66 627.30	627.03	627.60 627.11	627.03	627.68 626.84	626.91	627.66 626.98	627.06	627.65 626.99	626.91	627.65 626.74	627.67 626.74	626.82	627.67 626.90	627.02	627.58 626.88
16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+50	20+00	20+50	21+00	21+50	22+00										

CHRISTOPHER B. BURKE
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(847) 823-0500

USER NAME = mthomas
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISOR -
REVISOR -
REVISOR -
REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

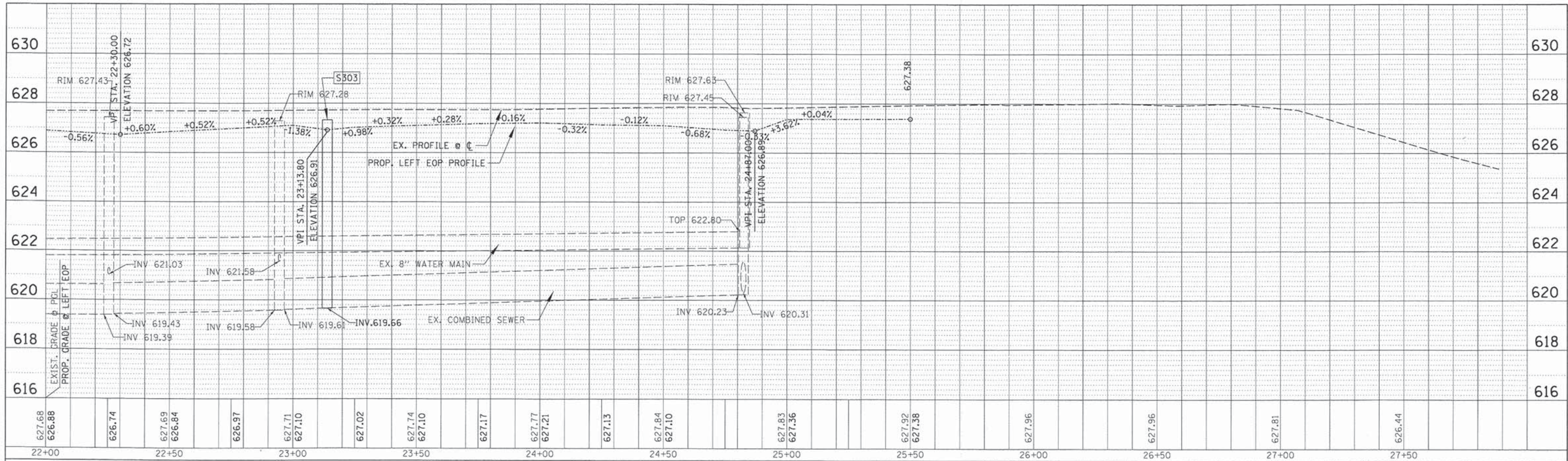
**PROFILES
MADISON STREET**

SCALE: 20' SHEET 2 OF 3 SHEETS STA. 16+00 TO STA. 22+00

F.A. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 9
CONTRACT NO. 61A53				ILLINOIS FED. AID PROJECT

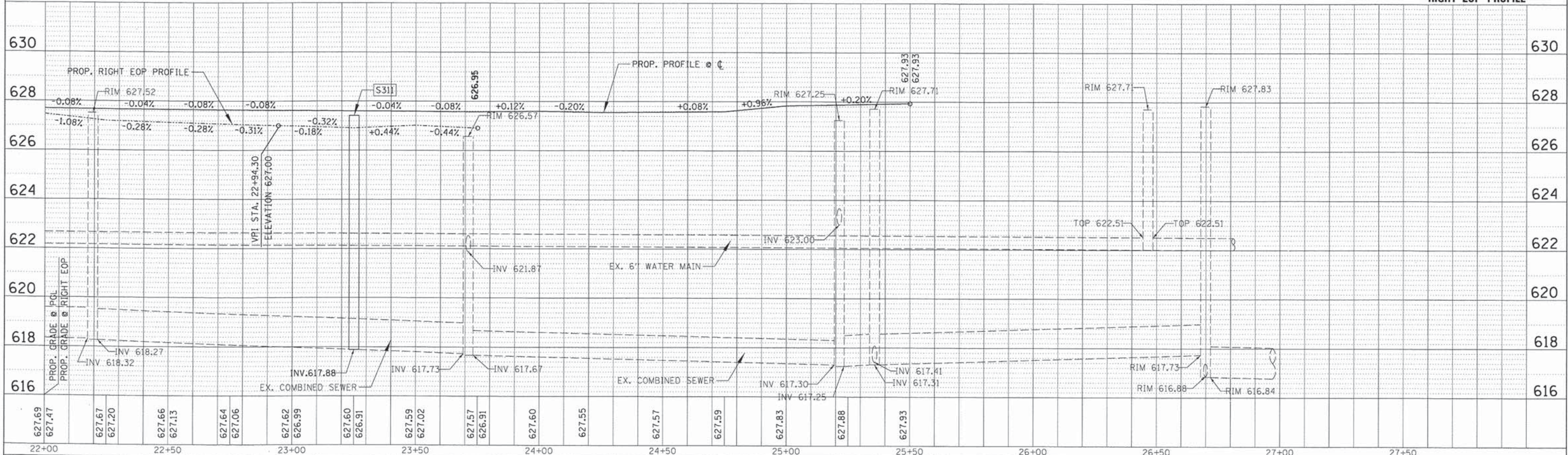
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REVISIONS	BY	DATE
PLANNED		
ALIGNED		
CHECKED		
NO.		



LEFT EOP PROFILE

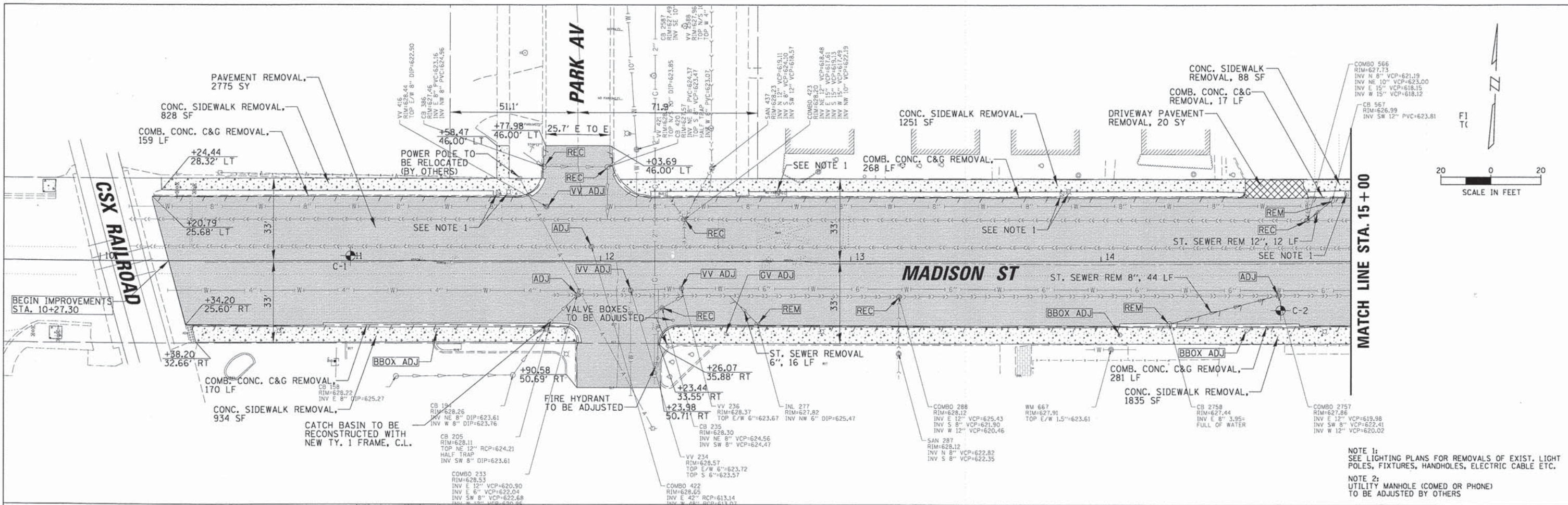
REVISIONS	BY	DATE
PLANNED		
ALIGNED		
CHECKED		
NO.		



RIGHT EOP PROFILE

CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROFILES MADISON STREET		F.A. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 10	
	PLLOT SCALE = 2"	CHECKED -	REVISED -		SCALE: 20'		SHEET 3 OF 3 SHEETS	STA. 22+00 TO STA. 27+50	CONTRACT NO. 61A53			
	PLLOT DATE = 12/9/2014	DATE -	REVISED -				[ILLINOIS] FED. AID PROJECT					

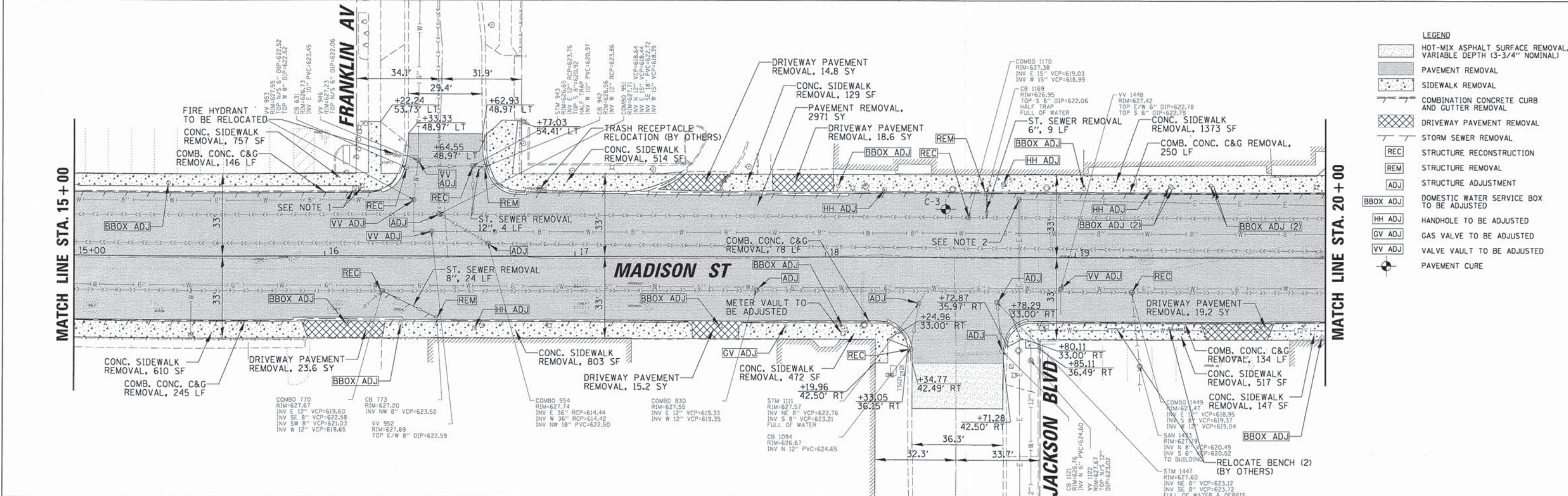
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MATCH LINE STA. 15 + 00

NOTE 1:
SEE LIGHTING PLANS FOR REMOVALS OF EXIST. LIGHT POLES, FIXTURES, HANDHOLES, ELECTRIC CABLE ETC.

NOTE 2:
UTILITY MANHOLE (COMED OR PHONE) TO BE ADJUSTED BY OTHERS



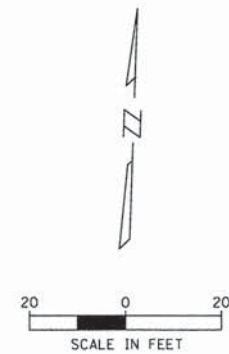
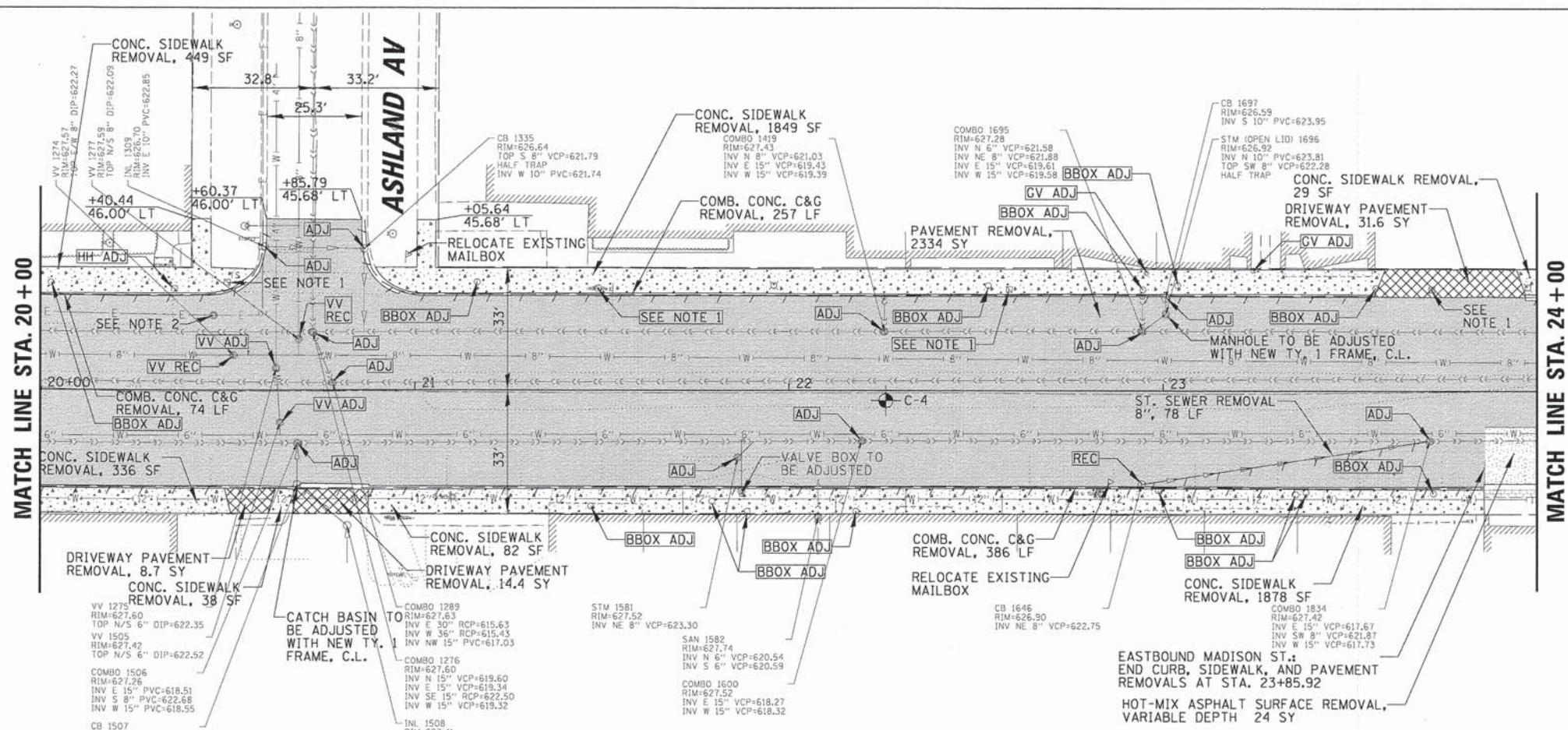
MATCH LINE STA. 15 + 00

MATCH LINE STA. 20 + 00

- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (3-3/4" NOMINAL)
 - PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - COMBINATION CONCRETE CURB AND GUTTER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - STORM SEWER REMOVAL
 - STRUCTURE RECONSTRUCTION
 - STRUCTURE REMOVAL
 - STRUCTURE ADJUSTMENT
 - DOMESTIC WATER SERVICE BOX TO BE ADJUSTED
 - HANDHOLE TO BE ADJUSTED
 - GAS VALVE TO BE ADJUSTED
 - VALVE VAULT TO BE ADJUSTED
 - PAVEMENT CURE

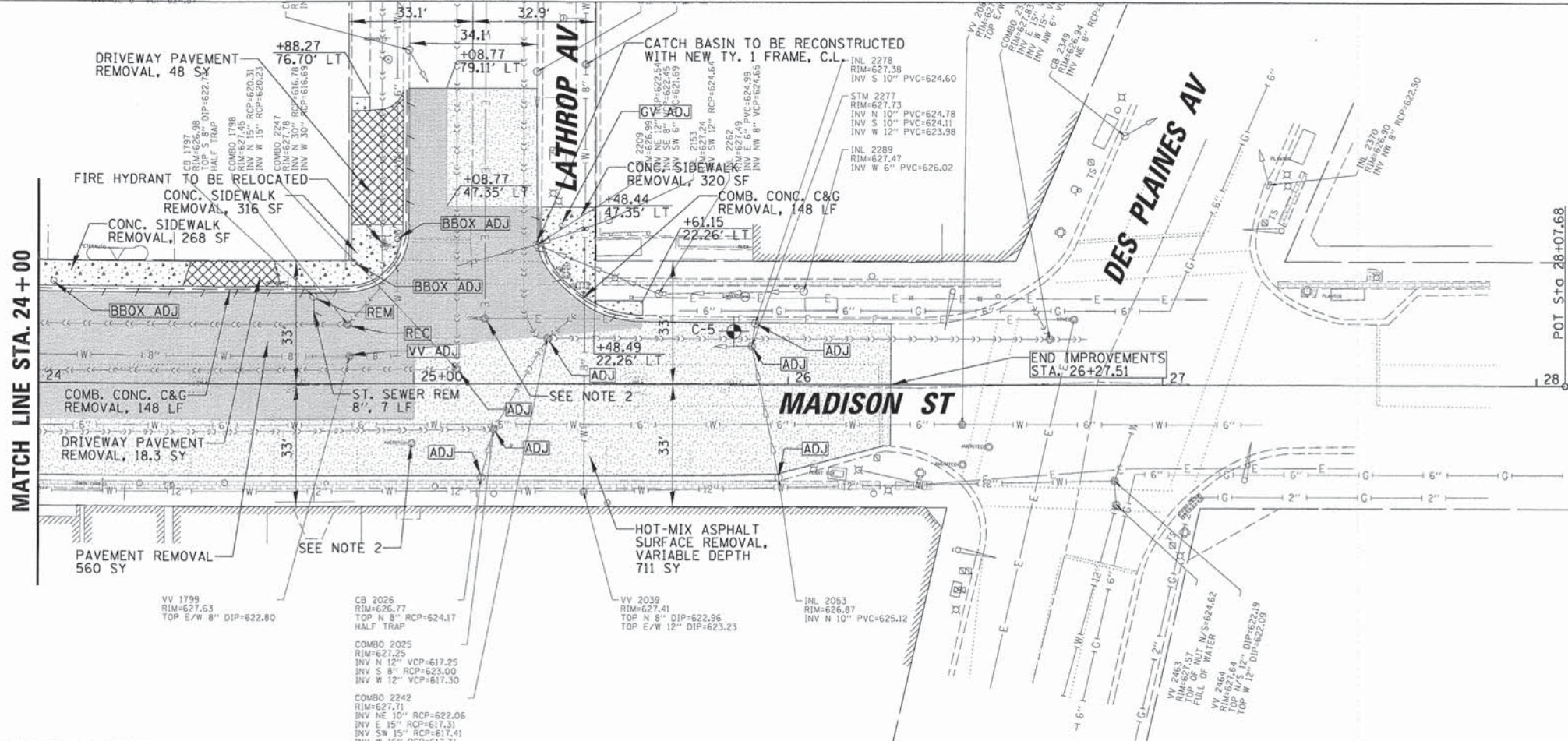
CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = mthomas	DESIGNED JJA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS AND REMOVAL PLAN MADISON STREET		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20'	DRAWN PDR	REVISED -		SCALE: 20'	SHEET 1 OF 2 SHEETS	STA. 10+00 TO STA. 21+00	1419	13-00111-00-LS	COOK	69
PLOT DATE = 12/9/2014	CHECKED LMF	REVISED -	DATE				CONTRACT NO. 61A53		ILLINOIS FED. AID PROJECT		

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NOTE 1:
SEE LIGHTING PLANS FOR REMOVALS OF EXIST. LIGHT POLES, FIXTURES, HANDHOLES, ELECTRIC CABLE ETC.










NOTE 2:
UTILITY MANHOLE (COMED OR PHONE) TO BE ADJUSTED BY OTHERS



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (3-3/4" NOMINAL)
 - SIDEWALK REMOVAL
 - COMBINATION CONCRETE CURB AND GUTTER REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - STORM SEWER REMOVAL
 - STRUCTURE RECONSTRUCTION
 - STRUCTURE REMOVAL
 - STRUCTURE ADJUSTMENT
 - DOMESTIC WATER SERVICE BOX TO BE ADJUSTED
 - HANDHOLE TO BE ADJUSTED
 - GAS VALVE TO BE ADJUSTED
 - VALVE VAULT TO BE ADJUSTED
 - PAVEMENT CURE

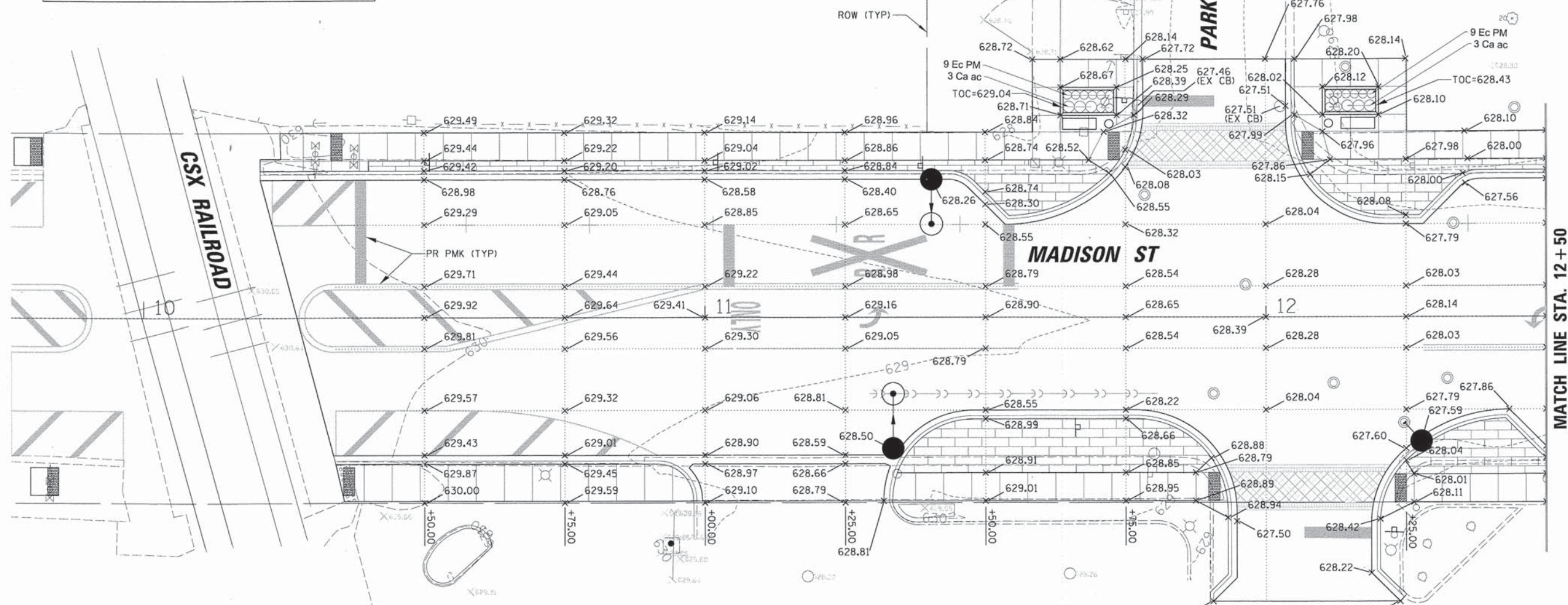
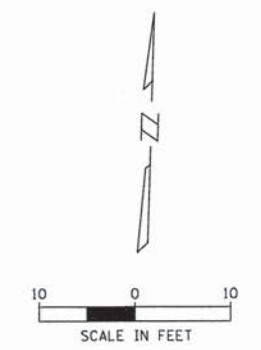
CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = mthomas PLT SCALE = 20' PLT DATE = 12/9/2014	DESIGNED JJA DRAWN PDR CHECKED LMF DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS AND REMOVAL PLAN MADISON STREET	F.A.U. RTE. 1419 SECTION 13-00111-00-LS COUNTY COOK TOTAL SHEETS 69 SHEET NO. 12 CONTRACT NO. 61A53	ILLINOIS FED. AID PROJECT
	SCALE: 20' SHEET 2 OF 2 SHEETS STA. 20+00 TO STA. 28+07.68						

LEGEND

-  EXISTING ELEVATION
-  COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
-  UNIT PAVERS ON SAND BED
-  PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH W/ DETECTABLE WARNING
-  PROPOSED PLANTER (SEE PLANT LIST)
-  PAVEMENT TEXTURING
-  PROPOSED DRAINAGE AND STORM SEWER (SEE DRAINAGE AND GEOMETRIC PLANS)
-  PROPOSED PEDESTRIAN BENCH
-  PROPOSED TRASH RECEPTACLE

PLANT LIST (TOTAL FOR THIS SHEET)

Sym.	Botanical Name	Common Name	Qty.	Size	Cond.
Deciduous Canopy Trees					
Ti co	Tilia cordata 'Greenspire'	Greenspire Little Leap Linden	0	3"	B & B
Evergreen Shrubs					
Bu mi	Buxus Microphylla Wintergreen	Wintergreen Little Leaf Boxwood	0	#2	Cont.
Perennials / Grasses / Groundcovers					
Ca ac	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	6	#1	Cont.
Ec PM	Echinacea 'Pixie Meadowbrite'	Pixie Meadowbrite Coneflower	18	#1	Cont.
Ec PDD	Echinacea 'Pink Double Delight'	Pink Double Delight Coneflower	0	#1	Cont.
Eu du	Eupatorium dubium 'Little Joe'	Little Joe Pye Weed	0	#1	Cont.
He HR	Hemerocallis 'Happy Returns'	Happy Returns Daylily	0	#1	Cont.
He PM	Hemerocallis 'Pardon Me'	Pardon Me Daylily4	0	#1	Cont.
Li sp	Liriope spicata	Creeping Lilyturf	0	#1	Cont.
Ne fa	Nepeta x faassenii 'Kit Cat'	Kit Cat Catmint	0	#1	Cont.



PLANT LIST (TOTAL FOR ALL PLANTERS)

Sym.	Botanical Name	Common Name	Qty.	Size	Cond.
Deciduous Canopy Trees					
Ti co	Tilia cordata 'Greenspire'	Greenspire Little Leap Linden	10	3"	B & B
Evergreen Shrubs					
Bu mi	Buxus Microphylla Wintergreen	Wintergreen Little Leaf Boxwood	56	#2	Cont.
Perennials / Grasses / Groundcovers					
Ca ac	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	27	#1	Cont.
Ec PM	Echinacea 'Pixie Meadowbrite'	Pixie Meadowbrite Coneflower	169	#1	Cont.
Ec PDD	Echinacea 'Pink Double Delight'	Pink Double Delight Coneflower	64	#1	Cont.
Eu du	Eupatorium dubium 'Little Joe'	Little Joe Pye Weed	7	#1	Cont.
He HR	Hemerocallis 'Happy Returns'	Happy Returns Daylily	120	#1	Cont.
He PM	Hemerocallis 'Pardon Me'	Pardon Me Daylily4	48	#1	Cont.
Li sp	Liriope spicata	Creeping Lilyturf	50	#1	Cont.
Ne fa	Nepeta x faassenii 'Kit Cat'	Kit Cat Catmint	88	#1	Cont.

NOTE: INLET FILTERS (INITIAL PLACEMENT) SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BASINS TO REMAIN THAT ARE LOCATED SOUTH OF THE MADISON STREET CENTERLINE. DURING TRAFFIC MAINTENANCE STAGE 1 INLET FILTERS SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 1 WORK ZONE. AT THE START OF STAGE 3, INLET FILTERS SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BASINS TO REMAIN THAT ARE LOCATED NORTH OF THE MADISON STREET CENTERLINE. DURING STAGE 3 INLET FILTERS SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 3 WORK ZONE.

CB	CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = mthomas	DESIGNED JJA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRADING AND LANDSCAPING PLAN MADISON STREET			F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 13
	PLOT SCALE = 10'	CHECKED LMF	DATE -	REVISED -		SCALE: 10'	SHEET 1 OF 6	STA. 10+00 TO STA. 12+50	CONTRACT NO. 61A53 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/9/2014	DATE -	REVISED -	REVISED -									

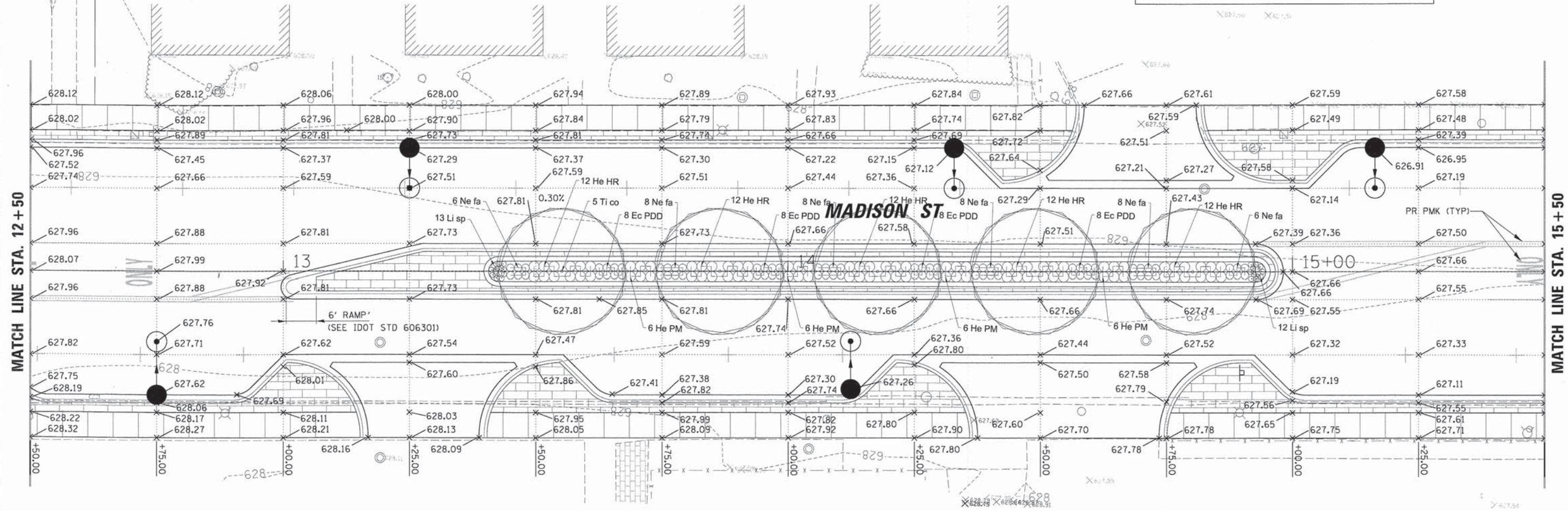
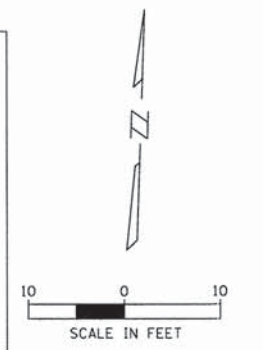
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PLANT LIST (TOTAL FOR THIS SHEET)

Sym.	Botanical Name	Common Name	Qty.	Size	Cond.
Deciduous Canopy Trees					
Ti co	Tilia cordata 'Greenspire'	Greenspire Little Leap Linden	5	3"	B & B
Evergreen Shrubs					
Bu mi	Buxus Microphylla Wintergreen	Wintergreen Little Leaf Boxwood	0	#2	Cont.
Perennials / Grasses / Groundcovers					
Ca ac	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	0	#1	Cont.
Ec PM	Echinacea 'Pixie Meadowbrite'	Pixie Meadowbrite Coneflower	0	#1	Cont.
Ec PDD	Echinacea 'Pink Double Delight'	Pink Double Delight Coneflower	32	#1	Cont.
Eu du	Eupatorium dubium 'Little Joe'	Little Joe Pye Weed	0	#1	Cont.
He HR	Hemerocallis 'Happy Returns'	Happy Returns Daylily	60	#1	Cont.
He PM	Hemerocallis 'Pardon Me'	Pardon Me Daylily4	24	#1	Cont.
Li sp	Liriope spicata	Creeping Lilyturf	25	#1	Cont.
Ne fa	Nepeta x faassenii 'Kit Cat'	Kit Cat Catmint	44	#1	Cont.

LEGEND

- X 627.83 EXISTING ELEVATION
- ===== COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- [Pattern] UNIT PAVERS ON SAND BED
- [Pattern] PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH W/ DETECTABLE WARNING
- [Pattern] PROPOSED PLANTER (SEE PLANT LIST)
- [Pattern] PAVEMENT TEXTURING
- PROPOSED DRAINAGE AND STORM SEWER (SEE DRAINAGE AND GEOMETRIC PLANS)
- PROPOSED PEDESTRIAN BENCH
- PROPOSED TRASH RECEPTACLE



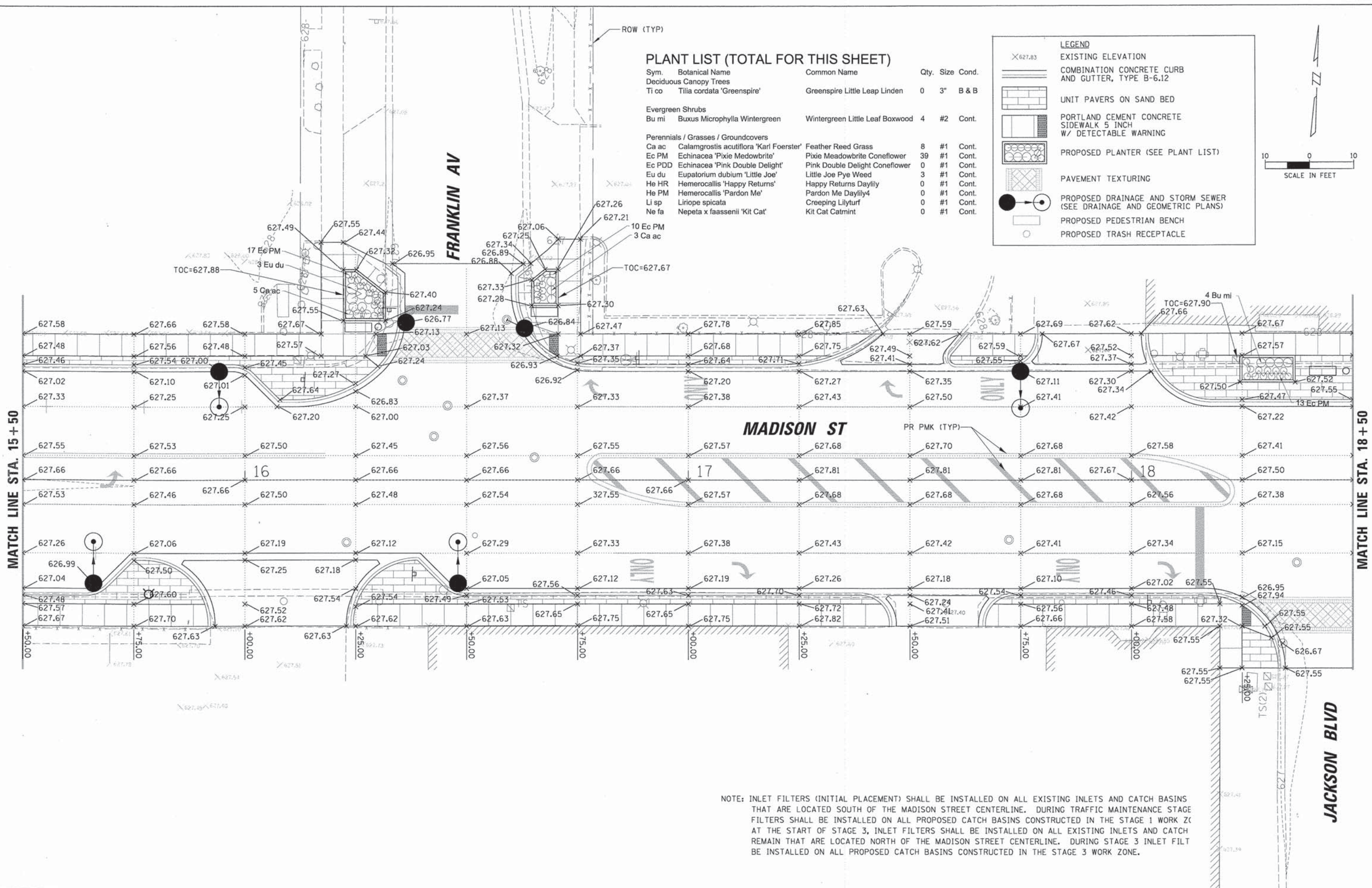
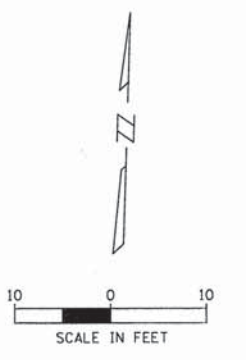
NOTE: INLET FILTERS (INITIAL PLACEMENT) SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BAS THAT ARE LOCATED SOUTH OF THE MADISON STREET CENTERLINE. DURING TRAFFIC MAINTENANCE S FILTERS SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 1 WOF AT THE START OF STAGE 3, INLET FILTERS SHALL BE INSTALLED ON ALL EXISTING INLETS AND CA REMAIN THAT ARE LOCATED NORTH OF THE MADISON STREET CENTERLINE. DURING STAGE 3 INLET BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 3 WORK ZONE.

PLANT LIST (TOTAL FOR THIS SHEET)

Sym.	Botanical Name	Common Name	Qty.	Size	Cond.
Deciduous Canopy Trees					
Ti co	Tilia cordata 'Greenspire'	Greenspire Little Leap Linden	0	3"	B & B
Evergreen Shrubs					
Bu mi	Buxus Microphylla Wintergreen	Wintergreen Little Leaf Boxwood	4	#2	Cont.
Perennials / Grasses / Groundcovers					
Ca ac	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	8	#1	Cont.
Ec PM	Echinacea 'Pixie Meadowbrite'	Pixie Meadowbrite Coneflower	39	#1	Cont.
Ec PDD	Echinacea 'Pink Double Delight'	Pink Double Delight Coneflower	0	#1	Cont.
Eu du	Eupatorium dubium 'Little Joe'	Little Joe Pye Weed	3	#1	Cont.
He HR	Hemerocallis 'Happy Returns'	Happy Returns Daylily	0	#1	Cont.
He PM	Hemerocallis 'Pardon Me'	Pardon Me Daylily	0	#1	Cont.
Li sp	Liriope spicata	Creeping Lilyturf	0	#1	Cont.
Ne fa	Nepeta x faassenii 'Kit Cat'	Kit Cat Catmint	0	#1	Cont.

LEGEND

- EXISTING ELEVATION
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- UNIT PAVERS ON SAND BED
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH W/ DETECTABLE WARNING
- PROPOSED PLANTER (SEE PLANT LIST)
- PAVEMENT TEXTURING
- PROPOSED DRAINAGE AND STORM SEWER (SEE DRAINAGE AND GEOMETRIC PLANS)
- PROPOSED PEDESTRIAN BENCH
- PROPOSED TRASH RECEPTACLE



NOTE: INLET FILTERS (INITIAL PLACEMENT) SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BASINS THAT ARE LOCATED SOUTH OF THE MADISON STREET CENTERLINE. DURING TRAFFIC MAINTENANCE STAGE FILTERS SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 1 WORK ZONE. AT THE START OF STAGE 3, INLET FILTERS SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BASINS REMAIN THAT ARE LOCATED NORTH OF THE MADISON STREET CENTERLINE. DURING STAGE 3 INLET FILTER SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 3 WORK ZONE.

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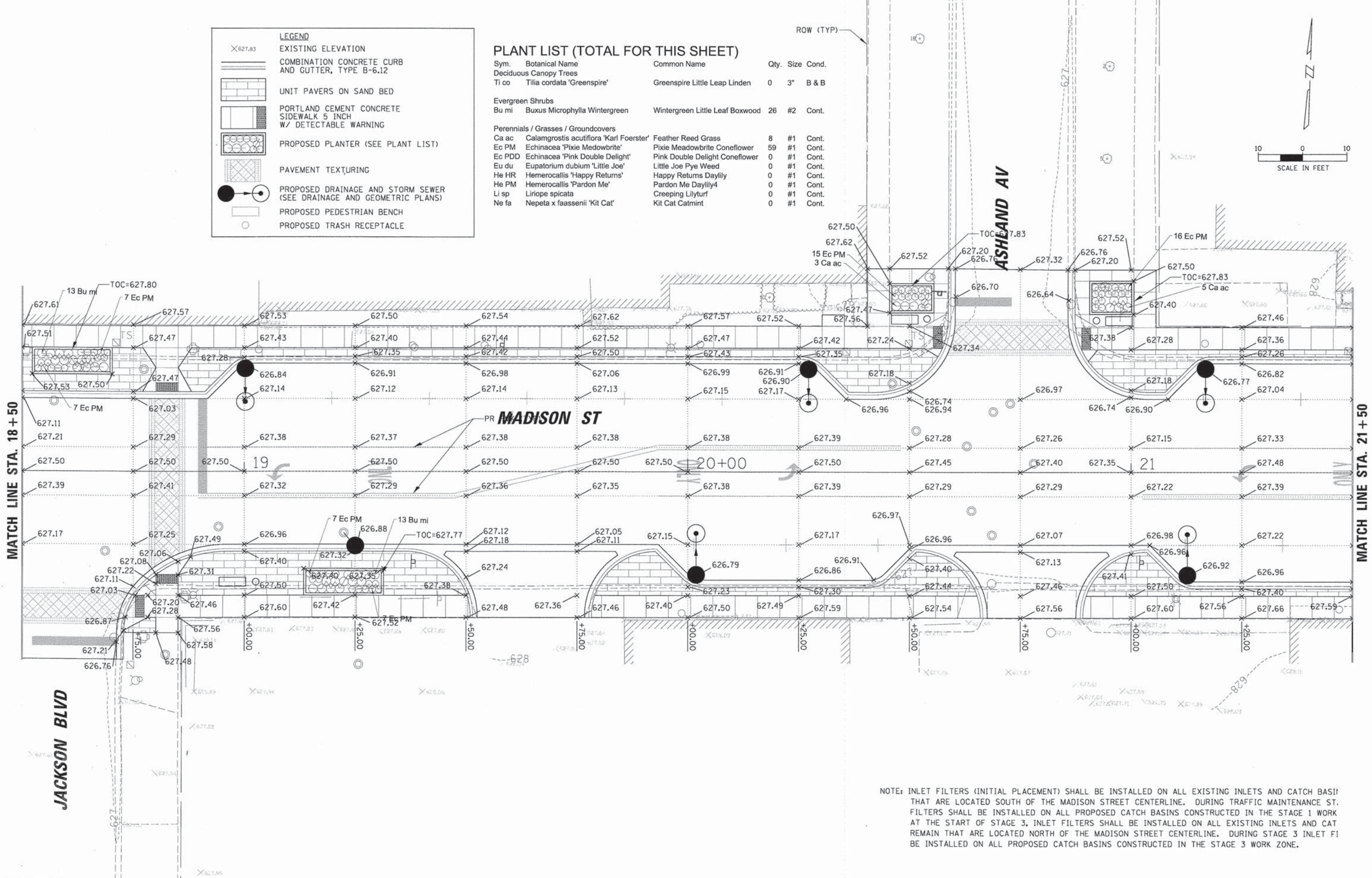
LEGEND

- EXISTING ELEVATION
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- UNIT PAVERS ON SAND BED
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH W/ DETECTABLE WARNING
- PROPOSED PLANTER (SEE PLANT LIST)
- PAVEMENT TEXTURING
- PROPOSED DRAINAGE AND STORM SEWER (SEE DRAINAGE AND GEOMETRIC PLANS)
- PROPOSED PEDESTRIAN BENCH
- PROPOSED TRASH RECEPTACLE

PLANT LIST (TOTAL FOR THIS SHEET)

Sym.	Botanical Name	Common Name	Qty.	Size	Cond.
Deciduous Canopy Trees					
Ti co	Tilia cordata 'Greenspire'	Greenspire Little Leap Linden	0	3"	B & B
Evergreen Shrubs					
Bu mi	Buxus Microphylla Wintergreen	Wintergreen Little Leaf Boxwood	26	#2	Cont.
Perennials / Grasses / Groundcovers					
Ca ac	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	8	#1	Cont.
Ec PM	Echinacea 'Pixie Meadowbrite'	Pixie Meadowbrite Coneflower	59	#1	Cont.
Ec PDD	Echinacea 'Pink Double Delight'	Pink Double Delight Coneflower	0	#1	Cont.
Eu du	Eupatorium dubium 'Little Joe'	Little Joe Pye Weed	0	#1	Cont.
He HR	Hemerocallis 'Happy Returns'	Happy Returns Daylily	0	#1	Cont.
He PM	Hemerocallis 'Pardon Me'	Pardon Me Daylily4	0	#1	Cont.
Li sp	Liriope spicata	Creeping Lilyturf	0	#1	Cont.
Ne fa	Nepeta x faassenii 'Kit Cat'	Kit Cat Catmint	0	#1	Cont.

ROW (TYP)



NOTE: INLET FILTERS (INITIAL PLACEMENT) SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BASIN THAT ARE LOCATED SOUTH OF THE MADISON STREET CENTERLINE. DURING TRAFFIC MAINTENANCE ST. FILTERS SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 1 WORK AT THE START OF STAGE 3, INLET FILTERS SHALL BE INSTALLED ON ALL EXISTING INLETS AND CAT REMAIN THAT ARE LOCATED NORTH OF THE MADISON STREET CENTERLINE. DURING STAGE 3 INLET F1 BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 3 WORK ZONE.

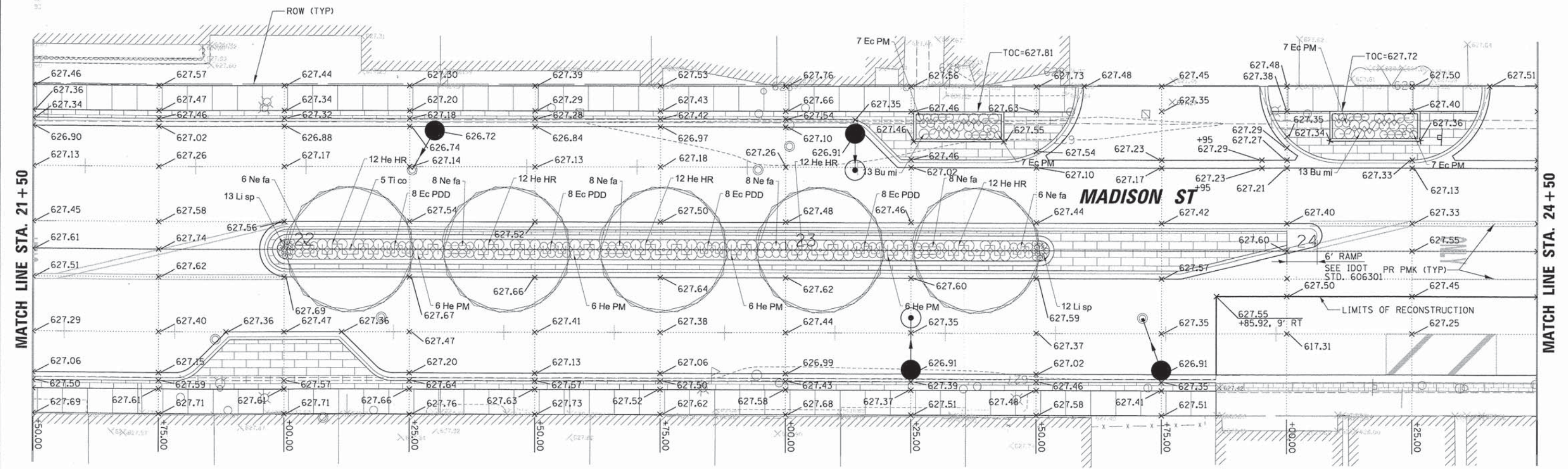
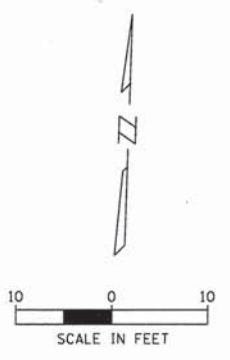
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	USER NAME = mthomas	DESIGNED JJA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRADING AND LANDSCAPING PLAN MADISON STREET		F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 16
	PLLOT SCALE = 10'	DRAWN PDR	REVISED -		SCALE: 10'	SHEET 4 OF 6	STA. 18+50 TO STA. 21+50	CONTRACT NO. 61A53			
	PLLOT DATE = 12/9/2014	CHECKED LMF	REVISED -		ILLINOIS FED. AID PROJECT						
	DATE -	REVISED -									

PLANT LIST (TOTAL FOR THIS SHEET)

Sym.	Botanical Name	Common Name	Qty.	Size	Cond.
Deciduous Canopy Trees					
Ti co	Tilia cordata 'Greenspire'	Greenspire Little Leap Linden	5	3"	B & B
Evergreen Shrubs					
Bu mi	Buxus Microphylla Wintergreen	Wintergreen Little Leaf Boxwood	26	#2	Cont.
Perennials / Grasses / Groundcovers					
Ca ac	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	0	#1	Cont.
Ec PM	Echinacea 'Pixie Meadowbrite'	Pixie Meadowbrite Coneflower	28	#1	Cont.
Ec PDD	Echinacea 'Pink Double Delight'	Pink Double Delight Coneflower	24	#1	Cont.
Eu du	Eupatorium dubium 'Little Joe'	Little Joe Pye Weed	0	#1	Cont.
He HR	Hemerocallis 'Happy Returns'	Happy Returns Daylily	60	#1	Cont.
He PM	Hemerocallis 'Pardon Me'	Pardon Me Daylily	24	#1	Cont.
Li sp	Liriope spicata	Creeping Lilyturf	25	#1	Cont.
Ne fa	Nepeta x faassenii 'Kit Cat'	Kit Cat Catmint	44	#1	Cont.

LEGEND

- X 627.83 EXISTING ELEVATION
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- UNIT PAVERS ON SAND BED
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH W/ DETECTABLE WARNING
- PROPOSED PLANTER (SEE PLANT LIST)
- PAVEMENT TEXTURING
- PROPOSED DRAINAGE AND STORM SEWER (SEE DRAINAGE AND GEOMETRIC PLANS)
- PROPOSED PEDESTRIAN BENCH
- PROPOSED TRASH RECEPTACLE

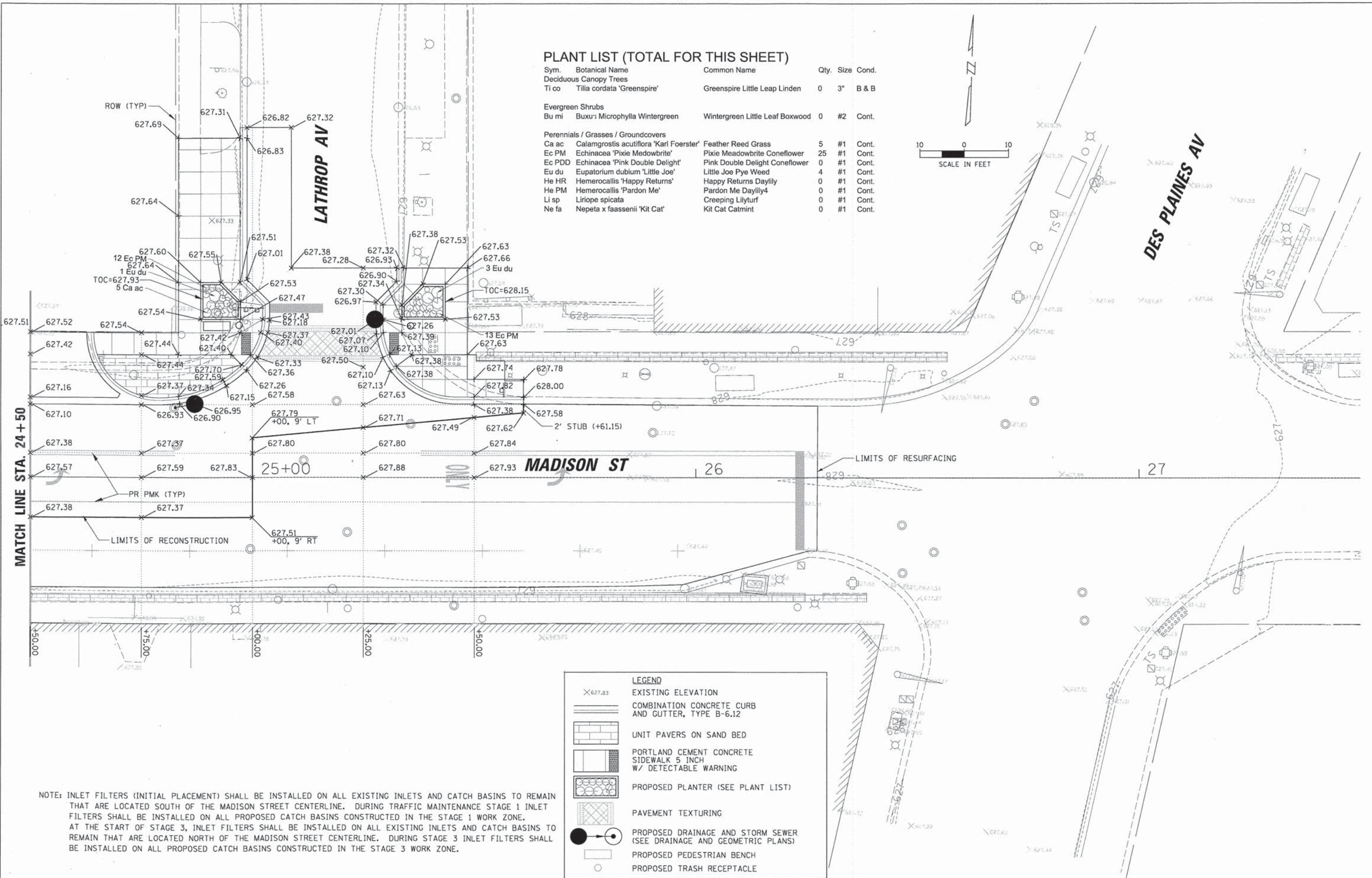
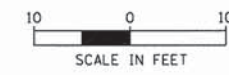


NOTE: INLET FILTERS (INITIAL PLACEMENT) SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BASINS TO REMAIN THAT ARE LOCATED SOUTH OF THE MADISON STREET CENTERLINE. DURING TRAFFIC MAINTENANCE STAGE 1 INLET FILTERS SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 1 WORK ZONE. AT THE START OF STAGE 3, INLET FILTERS SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BASINS TO REMAIN THAT ARE LOCATED NORTH OF THE MADISON STREET CENTERLINE. DURING STAGE 3 INLET FILTERS SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 3 WORK ZONE.

<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	USER NAME = mthomas PLOT SCALE = 1/8" = 1'-0" PLOT DATE = 12/9/2014	DESIGNED JJA DRAWN PDR CHECKED LMF DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRADING AND LANDSCAPING PLAN MADISON STREET	F.A.U. RTE. 1419 SECTION 13-00111-00-LS COUNTY COOK TOTAL SHEETS 69 SHEET NO. 17	CONTRACT NO. 61A53 [ILLINOIS] FED. AID PROJECT
	SCALE: 10' SHEET 5 OF 6 STA. 21+50 TO STA. 24+50						

PLANT LIST (TOTAL FOR THIS SHEET)

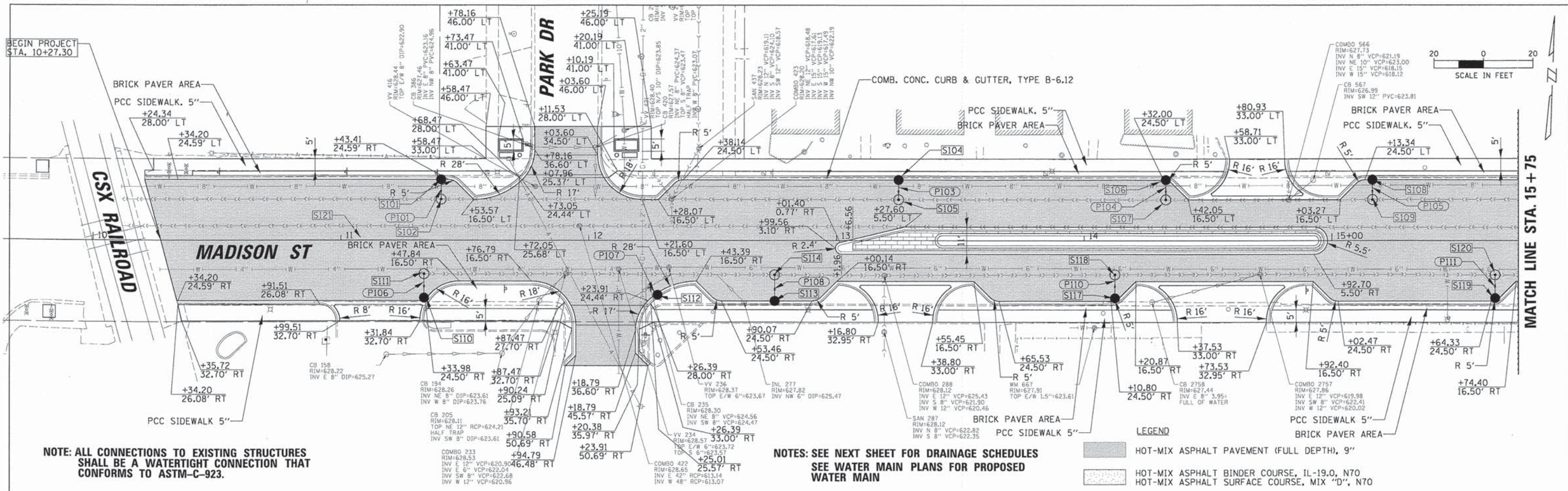
Sym.	Botanical Name	Common Name	Qty.	Size	Cond.
Deciduous Canopy Trees					
Ti co	Tilia cordata 'Greenspire'	Greenspire Little Leap Linden	0	3"	B & B
Evergreen Shrubs					
Bu mi	Buxus Microphylla Wintergreen	Wintergreen Little Leaf Boxwood	0	#2	Cont.
Perennials / Grasses / Groundcovers					
Ca ac	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	5	#1	Cont.
Ec PM	Echinacea 'Pixie Meadowbrite'	Pixie Meadowbrite Coneflower	25	#1	Cont.
Ec PDD	Echinacea 'Pink Double Delight'	Pink Double Delight Coneflower	0	#1	Cont.
Eu du	Eupatorium dubium 'Little Joe'	Little Joe Pye Weed	4	#1	Cont.
He HR	Hemerocallis 'Happy Returns'	Happy Returns Daylily	0	#1	Cont.
He PM	Hemerocallis 'Pardon Me'	Pardon Me Daylily	0	#1	Cont.
Li sp	Liriope spicata	Creeping Lilyturf	0	#1	Cont.
Ne fa	Nepeta x faassenii 'Kit Cat'	Kit Cat Catmint	0	#1	Cont.



LEGEND

- X627.83 EXISTING ELEVATION
- [Symbol] COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- [Symbol] UNIT PAVERS ON SAND BED
- [Symbol] PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH W/ DETECTABLE WARNING
- [Symbol] PROPOSED PLANTER (SEE PLANT LIST)
- [Symbol] PAVEMENT TEXTURING
- [Symbol] PROPOSED DRAINAGE AND STORM SEWER (SEE DRAINAGE AND GEOMETRIC PLANS)
- [Symbol] PROPOSED PEDESTRIAN BENCH
- [Symbol] PROPOSED TRASH RECEPTACLE

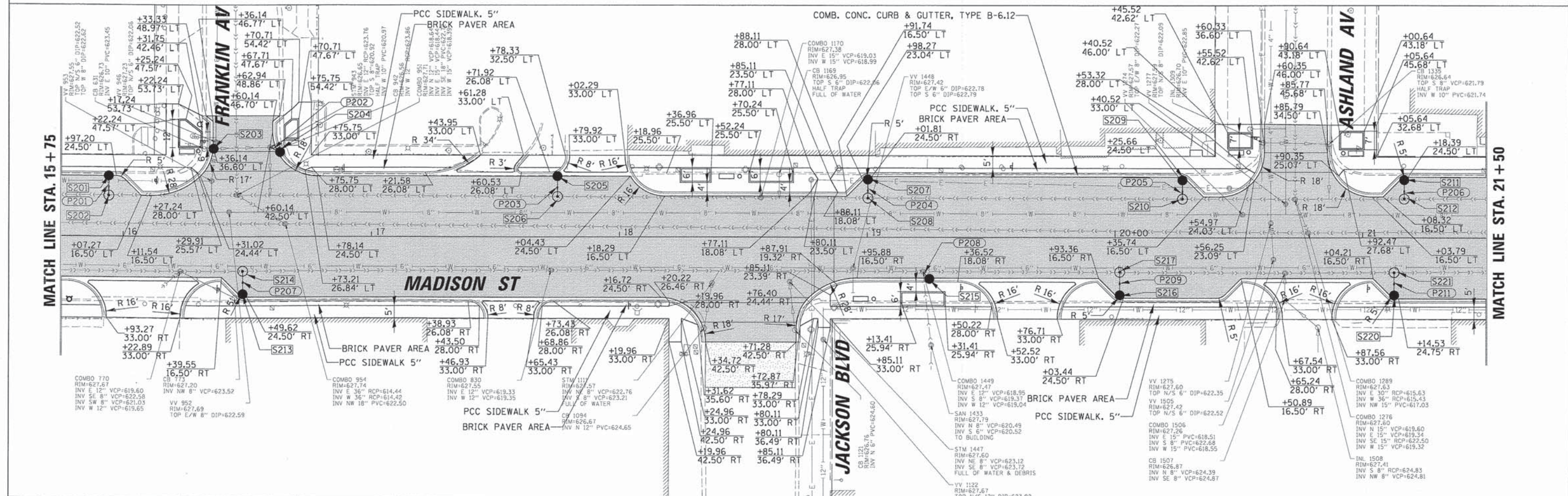
NOTE: INLET FILTERS (INITIAL PLACEMENT) SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BASINS TO REMAIN THAT ARE LOCATED SOUTH OF THE MADISON STREET CENTERLINE. DURING TRAFFIC MAINTENANCE STAGE 1 INLET FILTERS SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 1 WORK ZONE. AT THE START OF STAGE 3, INLET FILTERS SHALL BE INSTALLED ON ALL EXISTING INLETS AND CATCH BASINS TO REMAIN THAT ARE LOCATED NORTH OF THE MADISON STREET CENTERLINE. DURING STAGE 3 INLET FILTERS SHALL BE INSTALLED ON ALL PROPOSED CATCH BASINS CONSTRUCTED IN THE STAGE 3 WORK ZONE.



NOTE: ALL CONNECTIONS TO EXISTING STRUCTURES SHALL BE A WATERTIGHT CONNECTION THAT CONFORMS TO ASTM-C-923.

NOTES: SEE NEXT SHEET FOR DRAINAGE SCHEDULES
SEE WATER MAIN PLANS FOR PROPOSED WATER MAIN

- LEGEND**
- HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70



CHRISTOPHER B. BURKE
ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = mthomas
DESIGNED *JJA*
DRAWN *PDR*
CHECKED *LMF*
DATE = 12/9/2014

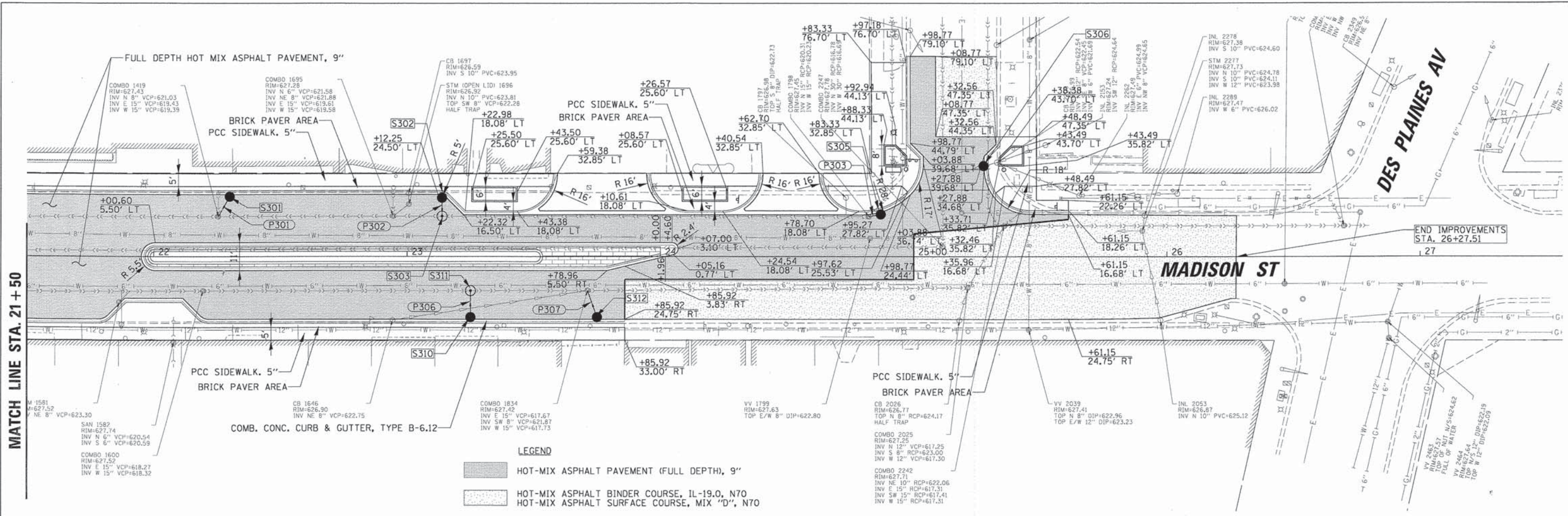
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND GEOMETRICS PLAN
MADISON STREET

SCALE: 20' SHEET 1 OF 2 SHEETS STA. 10+00 TO STA. 21+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	19
CONTRACT NO. 61A53				
[ILLINOIS] FED. AID PROJECT				



MATCH LINE STA. 21 + 50

LEGEND

HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"

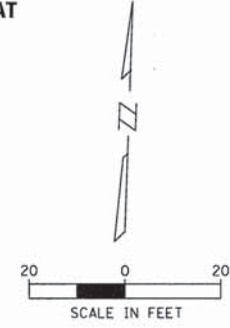
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70

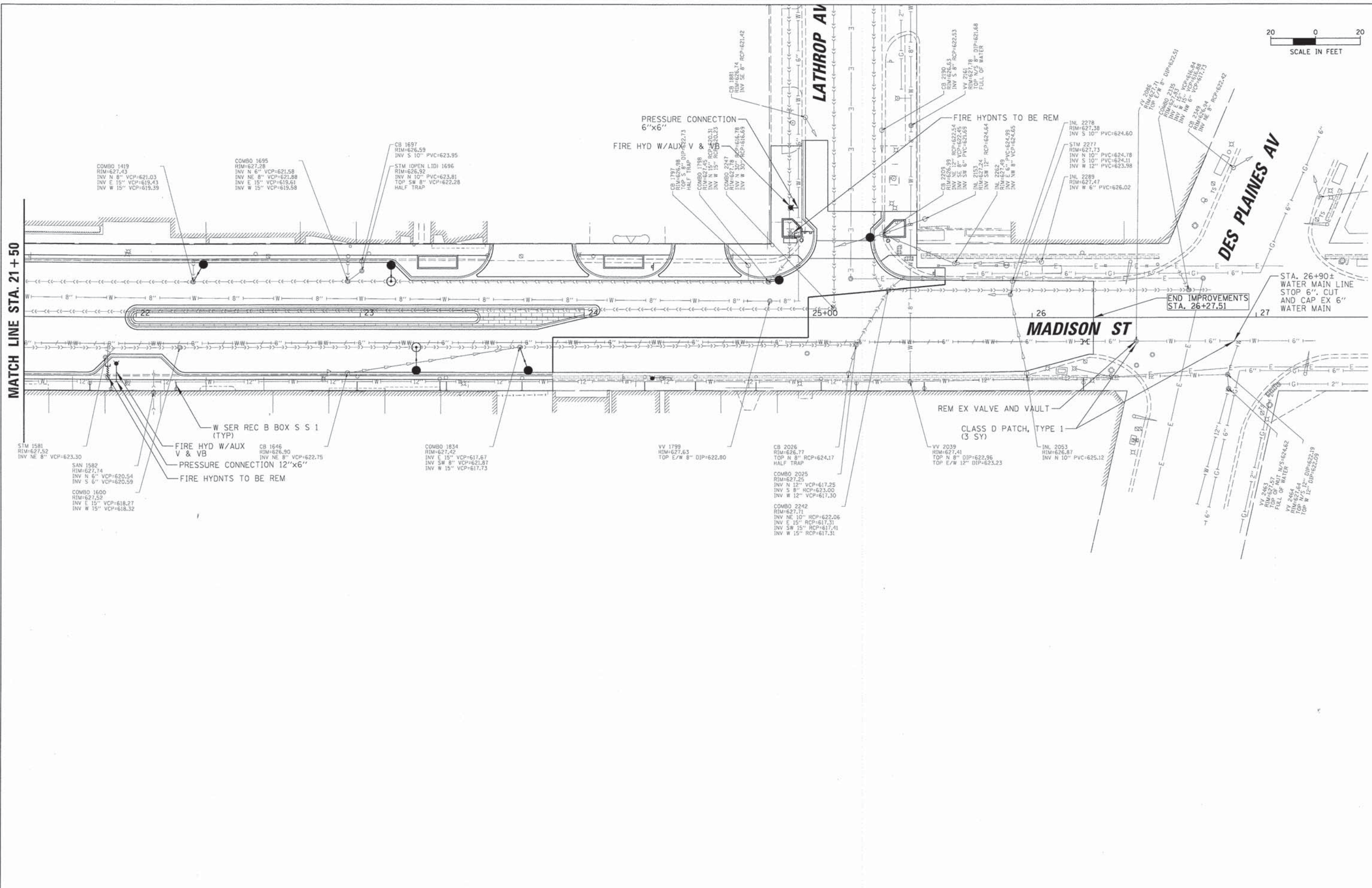
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70

DRAINAGE STRUCTURE TABLE								
STRUCTURE	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (E)	INV (W)
S101	CB TA 4" T1 F OL	11+45.00	24.50' LT	628.26	625.01		617.10	617.08
S102	MAN TA SANITARY 4 DIA T1F CL	11+45.00	16.61' LT	628.84	624.97			
S103	NOT USED							
S104	CB TA 4" T1 F OL	13+25.00	24.50' LT	627.29		624.04		
S105	MAN TA SANITARY 4 DIA T1F CL	13+25.00	16.54' LT	627.51	623.99		617.89	617.88
S106	CB TA 4" T1 F OL	14+33.55	24.50' LT	627.12		623.87		
S107	MAN TA SANITARY 4 DIA T1F CL	14+33.55	16.45' LT	627.34	623.83		618.03	618.02
S108	CB TA 4" T1 F OL	15+11.75	24.50' LT	626.91		623.86		
S109	MAN TA SANITARY 4 DIA T1F CL	15+11.75	16.47' LT	627.15	623.62		618.20	618.19
S110	CB TA 4" T1 F OL	11+33.50	24.50' RT	628.50	625.25			
S111	MAN TA SANITARY 4 DIA T1F CL	11+33.50	13.60' RT	628.81		625.18	621.15	621.16
S112	CB TC 2 DIA T1 F OL	12+28.00	21.10' RT	627.59	624.34			
S113	CB TA 4" T1 F OL	12+75.00	24.50' RT	627.62	624.37			
S114	MAN TA SANITARY 4 DIA T1F CL	12+75.00	13.95' RT	627.75		624.30	620.60	620.62
S115	NOT USED							
S116	NOT USED							
S117	CB TA 4" T1 F OL	14+12.40	24.50' RT	627.26	624.01			
S118	MAN TA SANITARY 4 DIA T1F CL	14+12.40	13.80' RT	627.55		623.94	620.17	620.18
S119	CB TA 4" T1 F OL	15+65.90	24.50' RT	626.99	623.74			
S120	MAN TA SANITARY 4 DIA T1F CL	15+65.90	13.95' RT	627.24		623.67	619.77	619.78
S201	CB TA 4" T1 F OL	15+98.75	24.50' LT	627.00		623.75		
S202	MAN TA SANITARY 4 DIA T1F CL	15+98.75	16.69' LT	627.28	623.71		618.33	618.32
S203	CB TA 4" T1 F OL	16+36.14	35.50' LT	625.77			623.07	
S204	CB TC 2 DIA T1 F OL	16+62.20	34.30' LT	626.84			623.77	
S205	CB TA 4" T1 F OL	17+75.00	24.50' LT	627.11		623.86		
S206	MAN TA SANITARY 4 DIA T1F CL	17+75.00	16.23' LT	627.41	623.81		618.78	618.77
S207	CB TA 4" T1 F OL	19+00.00	24.50' LT	626.84		623.59		
S208	MAN TA SANITARY 4 DIA T1F CL	19+00.00	15.82' LT	627.14	623.54		619.09	619.08
S209	CB TA 4" T1 F OL	20+27.25	24.50' LT	626.90		623.65		
S210	MAN TA SANITARY 4 DIA T1F CL	20+27.25	15.63' LT	627.17	623.60		619.26	619.25
S211	CB TA 4" T1 F OL	21+16.80	24.50' LT	626.77		623.52		
S212	MAN TA SANITARY 4 DIA T1F CL	21+16.80	15.64' LT	626.97		623.47	619.36	619.35
S213	CB TA 4" T1 F OL	16+48.00	24.50' RT	627.05	623.80			
S214	MAN TA SANITARY 4 DIA T1F CL	16+48.00	13.96' RT	627.35		623.73	619.55	619.56
S215	CB TC 2 DIA T1 F OL	19+25.00	16.50' RT	626.88	623.63			
S216	CB TA 4" T1 F OL	20+01.90	24.50' RT	626.79	623.54			
S217	MAN TA SANITARY 4 DIA T1F CL	20+01.90	13.95' RT	627.07		623.47	618.73	618.74
S218	NOT USED							
S219	NOT USED							
S220	CB TA 4" T1 F OL	21+12.70	24.50' RT	626.92	623.67			
S221	MAN TA SANITARY 4 DIA T1F CL	21+12.70	14.06' RT	627.13		623.60	618.45	618.46
S301	CB TA 4" T1 F OL	22+30.00	24.50' LT	626.72		623.47		
S302	CB TA 4" T1 F OL	23+13.80	24.50' LT	626.91		623.66		
S303	MAN TA SANITARY 4 DIA T1F CL	23+13.80	15.97' LT	627.15	623.61		619.68	619.66
S304	NOT USED							
S305	CB TA 4" T1 F OL	24+87.00	16.70' LT	626.95			623.70	
S306	CB TA 4" T1 F OL	25+27.88	35.78' LT	627.01			621.67	621.65
S307	NOT USED							
S308	NOT USED							
S309	NOT USED							
S310	CB TA 4" T1 F OL	23+25.00	24.50' RT	626.91	623.66			
S311	MAN TA SANITARY 4 DIA T1F CL	23+25.00	13.48' RT	627.42		623.57	617.88	617.90
S312	CB TA 4" T1 F OL	23+75.00	24.50' RT	626.95	623.70			

STORM SEWER SCHEDULE									
PIPE #	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	UPSTREAM	DOWNSTREAM	TBF (CY)
P101	S101	S102	4	12	WATER MAIN QUALITY (DI PIPE)	1.00%	625.01	624.97	0.5
P102					NOT USED	0.00%	0.00	0.00	0.0
P103	S104	S105	5	12	WATER MAIN QUALITY (DI PIPE)	1.00%	624.04	623.99	0.5
P104	S106	S107	4	12	WATER MAIN QUALITY (DI PIPE)	1.00%	623.87	623.83	0.5
P105	S108	S109	4	12	WATER MAIN QUALITY (DI PIPE)	1.00%	623.66	623.62	0.5
P106	S110	S111	7	12	RCCP TYPE 1 CLASS IV	1.00%	625.25	625.18	0.9
P107	S112	EX.	2	12	RCCP TYPE 1 CLASS IV	1.00%	624.34	624.32	0.3
P108	S113	S114	7	12	RCCP TYPE 1 CLASS IV	1.00%	624.37	624.30	0.9
P109					NOT USED	0.00%	0.00	0.00	0.0
P110	S117	S118	7	12	RCCP TYPE 1 CLASS IV	1.00%	624.01	623.94	0.4
P111	S119	S120	7	12	RCCP TYPE 1 CLASS IV	1.00%	623.74	623.67	0.9
P201	S201	S202	4	12	WATER MAIN QUALITY (DI PIPE)	1.00%	623.75	623.71	0.5
P202	S204	EX.	2	12	RCCP TYPE 1 CLASS IV	1.00%	623.77	623.75	0.3
P203	S205	S206	5	12	RCCP TYPE 1 CLASS IV	1.00%	623.86	623.81	0.7
P204	S207	S208	5	12	RCCP TYPE 1 CLASS IV	1.00%	623.59	623.54	0.7
P205	S209	S210	5	12	RCCP TYPE 1 CLASS IV	1.00%	623.65	623.60	0.7
P206	S211	S212	5	12	RCCP TYPE 1 CLASS IV	1.00%	623.52	623.47	0.7
P207	S213	S214	7	12	RCCP TYPE 1 CLASS IV	1.00%	623.80	623.73	0.9
P208	S215	EX.	2	12	RCCP TYPE 1 CLASS IV	1.00%	623.63	623.61	0.3
P209	S216	S217	7	12	RCCP TYPE 1 CLASS IV	1.00%	623.54	623.47	0.9
P210					NOT USED	0.00%	0.00	0.00	0.0
P211	S220	S221	7	12	RCCP TYPE 1 CLASS IV	1.00%	623.67	623.60	0.9
P301	S301	EX.	7	12	RCCP TYPE 1 CLASS IV	1.00%	623.47	623.40	0.9
P302	S302	S303	5	12	RCCP TYPE 1 CLASS IV	1.00%	623.66	623.61	0.7
P303	S305	EX.	2	12	RCCP TYPE 1 CLASS IV	1.00%	623.70	623.68	0.3
P304					NOT USED	0.00%	0.00	0.00	0.0
P305					NOT USED	0.00%	623.75	623.75	0.0
P306	S310	S311	9	12	RCCP TYPE 1 CLASS IV	1.00%	623.66	623.57	1.2
P307	S312	EX.	9	12	RCCP TYPE 1 CLASS IV	1.00%	623.70	623.61	1.2

NOTE: ALL CONNECTIONS TO EXISTING STRUCTURES SHALL BE A WATERTIGHT CONNECTION THAT CONFORMS TO ASTM-C-923.





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USER NAME = mthomas
 DESIGNED JJA
 DRAWN PDR
 CHECKED LMF
 DATE -

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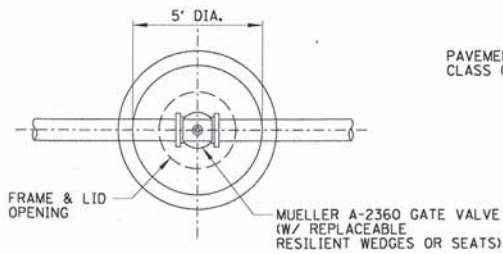
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN, NOTES, AND DETAILS
MADISON STREET

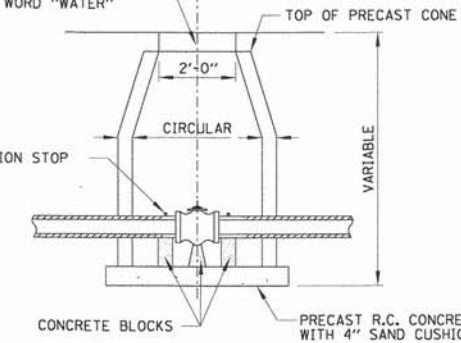
SCALE: 20' SHEET 2 OF 3 STA. 21+50 TO STA. 27+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	22
CONTRACT NO. 61A53				
ILLINOIS FED. AID PROJECT				

N:\FORESTPARK\023\B0853\civ1\WATER_023_B0853_02.sht

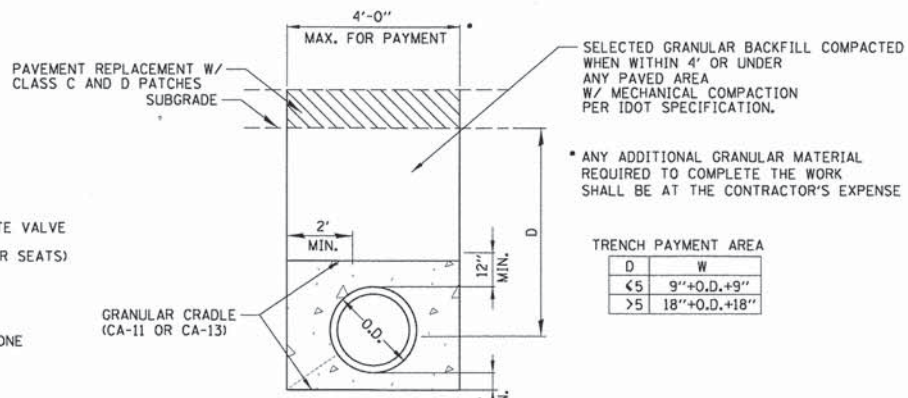


IDOT STANDARD TYPE 1 FRAME & CLOSED LID WITH 2" RAISED CAST LETTERS SPELLING WORD "WATER"



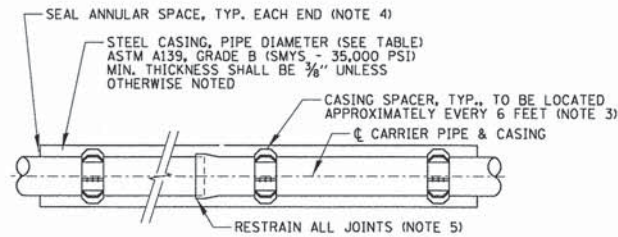
NOTE: THE CONTRACT UNIT PRICE FOR VALVE VAULTS, TYPE A SHALL INCLUDE THE FRAME AND CLOSED LID. PRECAST REINFORCED CONCRETE RISERS ARE TO BE LAID IN MASTIC JOINTS WITH FLUSH JOINTS. VALVE VAULTS MUST INCLUDE A RUBBER BOOT AND MAC WRAP. FURNISHING AND INSTALLING SAND CUSHION TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR VALVE VAULT, TYPE A. VALVE VAULTS SHALL INCLUDE CAST IRON STEPS WHICH WILL BE INCIDENTAL TO THE VALVE VAULT.

STANDARD TYPE "A" VALVE VAULT
N.T.S.



TYPICAL TRENCH DETAIL - PAVEMENT
N.T.S.

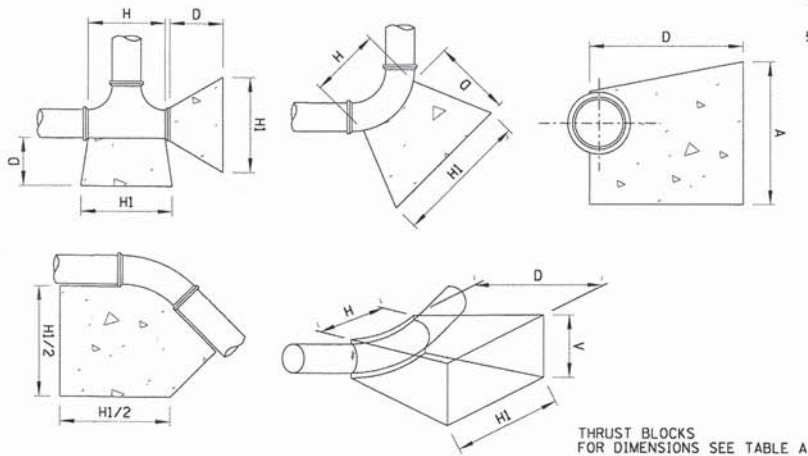
D	W
<= 5	9"+0.D,+9"
> 5	18"+0.D,+18"



CARRIER PIPE DIA.	STEEL CASING PIPE DIA.	
	PVC	D.I.P.
6"	12"	18"
8"	16"	20"
10"	18"	22"
12"	20"	24"
14"	-	28"
16"	-	30"

- NOTES:
- STEEL CASING SHALL BE ONE CONTINUOUS SECTION.
 - SMYS-SPECIFIC MINIMUM YIELD STRENGTH.
 - CASING SPACERS TO BE CASCADE MODEL CSS OR APPROVED EQUAL.
 - CASING END SEALS TO BE CASCADE MODEL CCES END SEALS OR APPROVED EQUAL. MORTARING OF CASING ENDS SUBJECT ONLY TO PRE-APPROVAL.
 - FOR WATERMAIN, ALL PUSH JOINTS IN CASING SHALL HAVE "FIELD LOCK GASKETS".

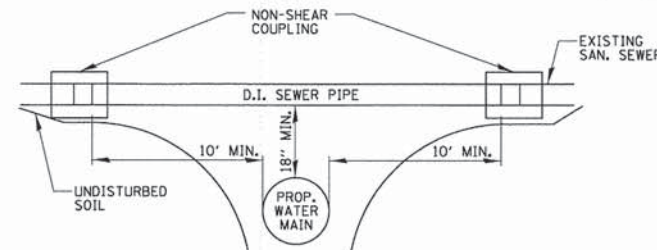
STEEL CASING PIPE DETAIL
N.T.S.



SIZE OF PIPE	TAPPING TEES, SLEEVES AND PLUGS				90° BENDS				45° BENDS OR LESS						
	HI	H	V	D	C. FT.	HI	H	V	D	C. FT.	HI	H	V	D	C. FT.
12"	54"	30"	24"	24"	13.40	54"	32"	36"	36"	18.15	42"	18"	24"	24"	9.60
8"	36"	18"	18"	18"	5.05	39"	18"	24"	18"	7.50	30"	11"	18"	18"	3.95
6"	24"	16"	18"	18"	3.50	30"	16"	18"	18"	4.05	24"	10"	16"	18"	3.20
4"	20"	13"	15"	15"	2.15	24"	12"	13"	13"	1.75	20"	8"	12"	12"	1.20

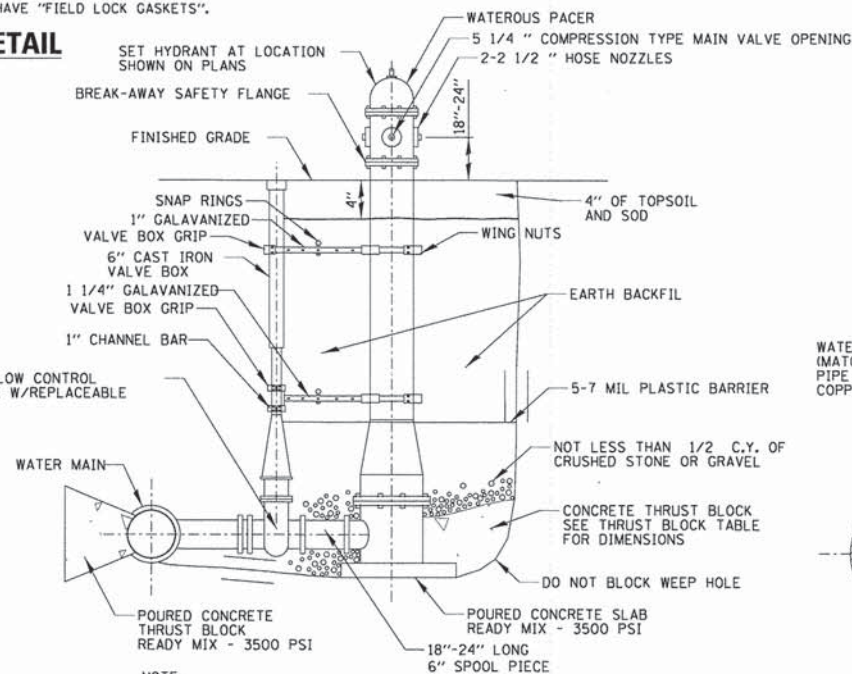
WATER MAIN THRUST BLOCKING - TABLE A
N.T.S.

NOTE: THRUST BLOCKING TO BE INSTALLED AT ALL HORIZONTAL AND VERTICAL BENDS, CAPS, VALVES, HYDRANTS AND AT LOCATIONS DIRECTED BY ENGINEER. THRUST BLOCK TO BE READY MIXED PORTLAND CEMENT CONCRETE, PLACED BETWEEN SOLID GROUND AND FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIR. ALL ENDS OD 1 1/4" OR MORE, ALL TEES AND ALL PLUGS SHALL BE PROTECTED AS SHOWN, WHERE CONDITIONS PREVENT THE USE OF CONCRETE THRUST BLOCKS, RESTRAINED JOINTS OF A TYPE APPROVED BY THE ENGINEER MAY BE USED.



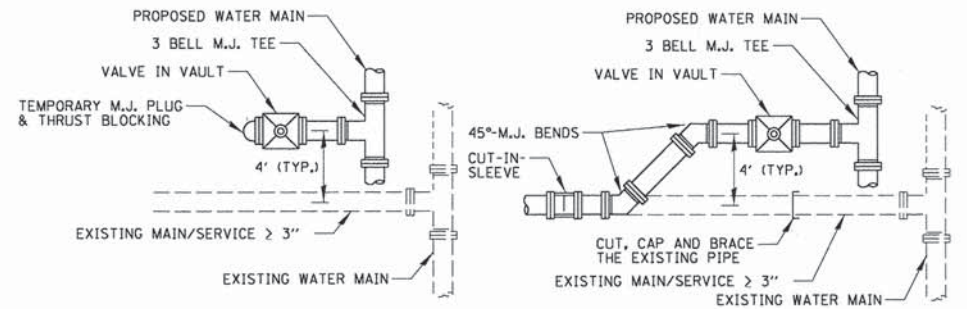
- NOTES:
- USE AT LOCATIONS INDICATED ON PLANS OR AS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE.

SPECIAL SEWER CROSSING REPLACEMENT DETAIL (SERVICE AND MAINLINE)
N.T.S.



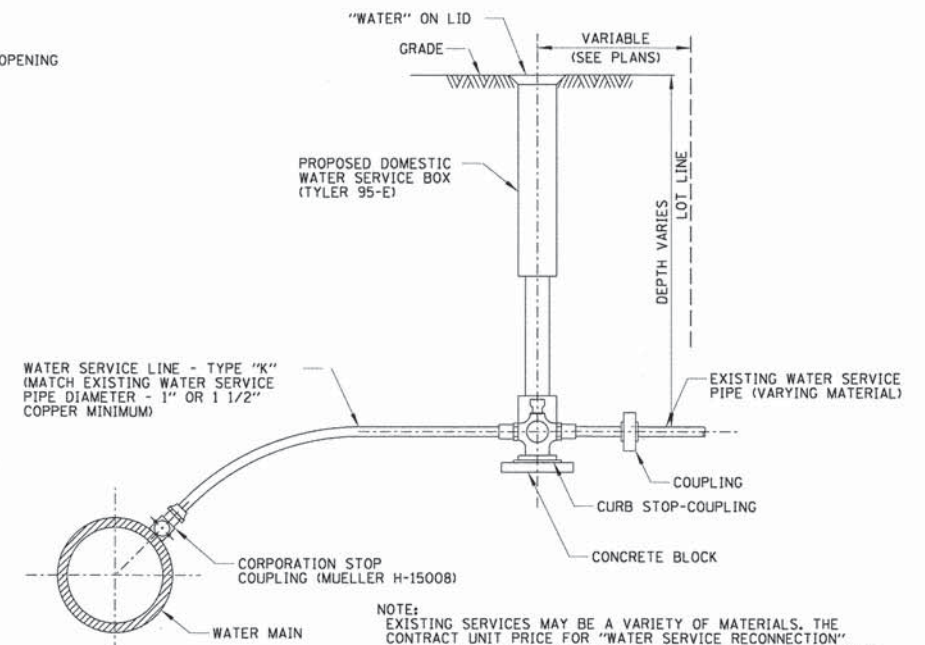
FIRE HYDRANT
N.T.S.

NOTE 1. SEE FIRE HYDRANT DETAIL IN SPECIFICATIONS.



- INSTALLATION
- RECONNECTION
- NOTES:
- AFTER THE EXISTING WATER MAIN OR SERVICE IS CUT AT THE NOTED LOCATION, CONTRACTOR SHALL DETERMINE THE DISTANCE TO THE NEXT JOINT WITH A FEELER ROD. IF THE DISTANCE IS SIX (6) FEET OR MORE, THAN COMPLETE THE CONNECTION IF THAT DISTANCE IS LESS THAN SIX (6) FEET, EXTEND THE NEW PIPE AND CONNECT.
 - AFTER THE NEW WATER MAIN IS APPROVED, CUT, CAP AND BRACE THE EXISTING MAIN SERVICE. REMOVE TEMPORARY PLUG AND CONNECT MAIN SERVICE TO THE VALVE. SWAB THE NEW PIPE WITH 1% HTH CHLORINE SOLUTION DURING THE INSTALLATION.
 - MEGALUGS TO BE USED WITH ALL M.J. FITTINGS.

WATER MAINSERVICE INSTALLATION AND RECONNECTION
N.T.S.



TYPICAL WATER SERVICE CONNECTION
N.T.S.

NOTE: EXISTING SERVICES MAY BE A VARIETY OF MATERIALS. THE CONTRACT UNIT PRICE FOR "WATER SERVICE RECONNECTION" SHALL INCLUDE ALL FITTINGS, LABOR, MATERIAL AND EQUIPMENT NECESSARY TO CONNECT EXISTING SERVICES TO THE PROPOSED WATER MAIN. SEE SPECIAL PROVISIONS. CONTRACTOR TO VERIFY EXACT LOCATION AND NUMBER OF SERVICE CONNECTIONS. LOCATION INDICATED ON THE PLANS MAY BE APPROXIMATE.

MAINTENANCE OF TRAFFIC - GENERAL NOTES - ALL STAGES

- THE STAGING PROCEDURES PRESENTED HEREIN ARE THE MINIMUM SEQUENCE OF CONSTRUCTION; SUB-STAGING REQUIRED FOR MINOR ITEMS IS NOT SHOWN.
- EXISTING TRAFFIC CONTROL SIGNS AND DEVICES WILL BE REMOVED BY THE CONTRACTOR AFTER THE PROPOSED TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER. ANY SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THIS WORK WILL BE PAID FOR BY THE CONTRACTOR PER ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
- TEMPORARY NO PARKING SIGNS ON RIGID BACKING (NON-CARDBOARD) SHALL BE INSTALLED THROUGHOUT THE WORKZONE AS DIRECTED BY THE ENGINEER.
- EACH PHASE SHALL BE COMPLETED, AS DETERMINED BY THE ENGINEER, PRIOR TO STARTING THE NEXT PHASE.
- THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS WHEN IN CONFLICT WITH PROPOSED OR TEMPORARY PAVEMENT MARKINGS AS PER ARTICLE 783.03 OF THE STANDARD SPECIFICATIONS.
- DRUMS SHALL BE EQUIPPED WITH STEADY BURNING LIGHTS AND PLACED AT 20 FOOT CENTERS ON TAPER SECTIONS AND AT 25 FOOT CENTERS ON TANGENT.
- ALL ADVANCED WARNING SIGNS AND TEMPORARY PAVEMENT MARKINGS SHALL BE IN PLACE AND APPROVED BY THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY PHASE OR STAGE OF CONSTRUCTION.
- THE FURNISHING, INSTALLATION, AND RELOCATION OF ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STATE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE LUMP SUM COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- ACCESS TO ALL SIDE STREETS SHALL BE MAINTAINED DURING ALL STAGES OF CONSTRUCTION, UNLESS FLAGGERS ARE PRESENT. SIDE STREETS AND THE ADJOINING EXISTING PAVEMENT SHALL REMAIN IN-PLACE / OPEN TO TRAFFIC EXCEPT DURING THE RECONSTRUCTION OF THE SIDE STREETS AND SHALL BE OPEN TO TWO-WAY TRAFFIC WHEN WORKERS ARE NOT PRESENT. SIDE STREETS SHALL BE CONSTRUCTED ONE-HALF AT A TIME: MINIMUM TEMPORARY WIDTH SHALL BE 20 FEET.
- ENTRANCES AND THE ADJOINING EXISTING PAVEMENT SHALL REMAIN IN-PLACE / OPEN TO TRAFFIC EXCEPT DURING THE RECONSTRUCTION OF THE ENTRANCE AND SHALL BE CLOSED ONE TIME ONLY. ALL CLOSURES SHALL BE COORDINATED WITH THE ENGINEER. NO MORE THAN ONE ENTRANCE TO ANY PROPERTY MAY BE CLOSED AT ANY TIME. ENTRANCE CLOSURE WILL NOT OCCUR DURING RECONSTRUCTION OF ADJACENT SIDE STREET. DURATION OF ENTRANCE CLOSURE SHALL NOT EXCEED 14 CONSECUTIVE CALENDAR DAYS. PROPERTIES HAVING ONLY ONE ENTRANCE SHALL BE CONSTRUCTED ONE-HALF AT A TIME AND REMAIN OPEN TO TRAFFIC: MINIMUM TEMPORARY ENTRANCE WIDTH SHALL BE 16 FEET.
- PROPOSED CURB AND GUTTER, SIDEWALK, AND LANDSCAPING SHALL BE PLACED PRIOR TO PLACING FINAL PAVEMENT SURFACE.
- THE CONTRACTOR SHALL COORDINATE ALL BUS STOP ACCOMMODATIONS WITH PACE (STEVEN ANDREWS MOBILE 847-997-1509) TO MAINTAIN BUS ACCESS.
- CONTRACTOR SHALL PROTECT PROPOSED MEDIAN ISLANDS AND DECORATIVE CROSSWALKS DURING SUBSEQUENT STAGES OF CONSTRUCTION. SURFACE OF ISLANDS AND DECORATIVE CROSSWALKS SHALL BE PROTECTED FROM CONSTRUCTION EQUIPMENT, IMPACT DAMAGE, AND MARRING BY CONSTRUCTION DEBRIS SUCH AS ASPHALT, CONCRETE, AND LANDSCAPING MATERIALS. METHOD OF PROTECTION SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE. MEDIAN ISLANDS AND DECORATIVE CROSSWALKS SHALL BE STAIN FREE AT THE TIME OF ACCEPTANCE.
- THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 72 HOURS IN ADVANCE OF BEGINNING WORK.
- ONE WAY SIGNS (R6-2R-1824) SHALL BE INSTALLED ON TYPE III BARRICADES IN THE MEDIAN WORK ZONE IN FRONT OF DRIVEWAYS AND BUSINESSES WHENEVER CROSS-TRAFFIC IS PROHIBITED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- ENTRANCE SIGNS (DISTRICT ONE DETAIL TC 26) SHALL BE INSTALLED/MAINTAINED/RELOCATED/REMOVED FOR EACH AFFECTED VEHICULAR ENTRANCE FOR EACH STAGE AND FOR EACH SUB-STAGE. ADDITIONAL BARRELS SHALL BE INSTALLED/MAINTAINED/RELOCATED/REMOVED TO DELINEATE THE ENTRANCE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ADDITIONAL TEMPORARY PAVEMENT MARKINGS SHALL ALSO BE PLACED AT ENGINEER'S DIRECTION.
- SUB-STAGING IS REQUIRED TO MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS. CONTRACTOR SHALL SUBMIT SUB-STAGING PLANS TO ENGINEER FOR REVIEW, AND RECEIVE ENGINEER'S REVIEW PRIOR TO IMPLEMENTING THE SUB-STAGE. SUB-STAGING PLANS ARE AFFECTED BY CONTRACTOR'S SCHEDULING OF TRADES AND MEANS/METHOD OF CONSTRUCTION. ADDITIONAL SIGNS, BARRICADES, BARRELS, PAVEMENT MARKINGS WILL BE PART OF THE CONTRACTOR'S SUB-STAGING PLANS. THESE ITEMS SHALL BE INSTALLED/MAINTAINED/RELOCATED/REMOVED; THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- CONTRACTOR SHALL STOCKPILE MATERIALS AND EQUIPMENT IN AREAS THAT RECEIVED PRIOR APPROVAL BY THE ENGINEER IN ACCORDANCE WITH ARTICLE 701.11

20. NO PERMANENT LANE CLOSURES OR STAGING SHALL BE ALLOWED TO COMMENCE PRIOR TO APRIL 1.

RAILROAD CROSSING NOTES

- TRAFFIC CROSSING RAILROAD TRACKS SHALL NOT BE RELOCATED/SHIFTED AS TO CAUSE THE EXISTING RAILROAD CROSSING GATES TO NO LONGER BLOCK THE ENTIRE TRAFFIC LANE, UNLESS FLAGGERS ARE PRESENT. ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED ACROSS THE TRACKS AT ALL TIMES. SUB-STAGES ARE REQUIRED TO CONSTRUCT THE WEST END RECONSTRUCTION IMPROVEMENTS.

PEDESTRIAN PATH NOTES

THE FOLLOWING WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS (MIN. 4' WIDE) TO ADJACENT PROPERTIES BY INSTALLING PLYWOOD RAMP/WALKWAYS. PEDESTRIAN ACCESS TO ADJACENT PROPERTIES SHALL BE PROVIDED UNTIL THE WALKWAY IS FULLY RESTORED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF SIGNAGE AND OTHER ITEMS TO PROVIDE SAFE PEDESTRIAN ACCESS.
 - TEMPORARY FENCE MUST BE PLACED BETWEEN THE PEDESTRIAN PATH AND WORK ZONE.
 - AT EACH POINT OF CLOSURE, SUFFICIENT NUMBERS OF BARRICADES, AS DETERMINED BY THE ENGINEER, SHALL BE USED TO COMPLETELY CLOSE THE PATHWAY.
 - PEDESTRIAN WALKWAYS MUST BE MAINTAINED FREE OF ANY OBSTRUCTIONS AND HAZARDS SUCH AS HOLES, DEBRIS, MUD, CONSTRUCTION EQUIPMENT, STORED MATERIALS, ETC. AND MUST BE BROOM SWEEPED DAILY OR AS DIRECTED BY THE ENGINEER.
 - ALL PEDESTRIAN PATHS SHALL HAVE ADA COMPLIANT DETECTABLE BARRICADES.
- CONTRACTOR SHALL MAINTAIN CROSSWALKS ACROSS MADISON ST AND ACROSS SIDE STREETS AT ALL TIMES.

BOXED ITEMS CONTAIN PAY ITEM INFORMATION

STAGE 1 (TROLLEY TRACK REMOVAL, WATER MAIN INSTALLATION AND MEDIAN PAVEMENT)

THE CONTRACTOR SHALL COMPLETE THE FOLLOWING ITEMS DURING THIS STAGE (NOT PRIOR TO APRIL 1):

- PEDESTRIAN CORRIDOR ON EXISTING NORTH AND SOUTH SIDEWALK, REMOVE EXISTING PAVEMENT MARKINGS, INSTALL WORK ZONE PAVEMENT MARKINGS, MAINTAIN ONE TRAFFIC LANE IN EACH DIRECTION, INSTALL NO PARKING SIGNS ON BOTH SIDES OF THE STREET, ALL ENTRANCES TO BE RIGHT-IN/RIGHT-OUT ONLY WHEN NECESSARY FOR WORK OPERATIONS. REINSTATE CROSSING AT ALL INTERSECTIONS AS WORK PROGRESSES.
 - INSTALL TRAFFIC CONTROL
 - INSTALL/MAINTAIN TEMPORARY EROSION CONTROL
 - REMOVE TROLLEY TRACKS AND ASSOCIATED PAVEMENT STA 10+72 TO STA 24+00
 - INSTALL PR WATER MAIN FROM WEST VAULT TO PRESSURE TAP AT EAST END
 - TEST WATER MAIN, CONNECT PR WATER MAIN TO EX 4" WATER MAIN
 - UNDER SHORT DURATION CLOSURES - CONNECT SERVICES AND FIRE HYDRANT AND ABANDON EX 6" WATER MAIN.
 - INSTALL PR PAVEMENT AGG BASE AND HMA BINDER) WITHIN WORKZONE
 - VIA SUB-STAGES, MAINTAIN ONE LANE OF TRAFFIC ON EACH SIDE OF THE CENTERLINE;
 - STA 10+00 TO STA 11+75 - INSTALL ALL PR CC&G, PAVEMENT (AGG BASE AND HMA BINDER) AND DRAINAGE ITEMS.
 - INSTALL TEMPORARY PAVEMENT WEDGE WITHIN LIMITS OF STAGE 1 TRAFFIC LANES AND AT SIDE STREET CROSSINGS.

STAGE 2 (SOUTH SIDE CONSTRUCTION)

THE CONTRACTOR SHALL COMPLETE THE FOLLOWING ITEMS DURING THIS STAGE:

- PEDESTRIAN CORRIDOR ON MADISON ST NORTH-SIDE EXISTING SIDEWALK, MAINTAIN ONE TRAFFIC LANE IN EACH DIRECTION, NO PARKING. REINSTATE CROSSING AT ALL INTERSECTIONS AS WORK PROGRESSES.
- MAINTAIN ENTRANCES AND SIDEWALK WITHIN WORKZONE TO THE GREATEST EXTENT POSSIBLE.

PEDESTRIAN CORRIDOR ON EX ROADWAY WITHIN WORKZONE:

 - REMOVE EXISTING LIGHTING AND CONTROLLERS WITHIN WORK ZONE
 - INSTALL LIGHT POLE FOUNDATIONS, CONDUITS, HANDHOLES, AND CONTROLLER (INCLUDING DES PLAINES AVE INTERSECTION)
 - VIA SUB-STAGES, REMOVE/REPLACE ENTRANCES AND SIDEWALK
 - INSTALL LIGHT POLES, ENERGIZE SYSTEM
 - CONNECT WATER SERVICES FROM EX 6" WATER MAIN TO EX 12" WATER MAIN
 - RELOCATE FIRE HYDRANTS

PEDESTRIAN CORRIDOR ON PR SIDEWALK WITHIN WORKZONE:

 - REMOVE PAVEMENT, CURB AND GUTTERS
 - UTILITY ADJUSTMENTS AND DRAINAGE IMPROVEMENTS
 - INSTALL CURB / GUTTER
 - INSTALL PAVEMENT (AGG BASE AND HMA BINDER)
 - INSTALL TEMPORARY PAVEMENT WEDGES
 - INSTALL PAVERS AND LANDSCAPE PLANTERS
 - INSTALL STREET SIGNAGE

STAGE 3 (NORTH SIDE CONSTRUCTION)

THE CONTRACTOR SHALL COMPLETE THE FOLLOWING ITEMS DURING THIS STAGE:

- PEDESTRIAN CORRIDOR ON PROPOSED SOUTH SIDEWALK, MAINTAIN ONE TRAFFIC LANE IN EACH DIRECTION, NO PARKING NORTH SIDE MADISON ST, PARKING SOUTH SIDE MADISON ST., REINSTATE CROSSING AT ALL INTERSECTIONS AS WORK PROGRESSES.

PEDESTRIAN CORRIDOR ON EX ROADWAY WITHIN WORKZONE:

 - REMOVE EXISTING LIGHTING AND CONTROLLERS WITHIN WORK ZONE
 - INSTALL LIGHT POLE FOUNDATIONS, CONDUITS, HANDHOLES, AND CONTROLLER
 - VIA SUB-STAGES, REMOVE/REPLACE ENTRANCES AND SIDEWALK
 - INSTALL LIGHT POLES, ENERGIZE SYSTEM
 - RELOCATE FIRE HYDRANTS

PEDESTRIAN CORRIDOR ON PR SIDEWALK WITHIN WORKZONE:

 - REMOVE PAVEMENT, CURB AND GUTTERS
 - UTILITY ADJUSTMENTS AND DRAINAGE IMPROVEMENTS
 - INSTALL CURB / GUTTER
 - INSTALL PAVEMENT (AGG BASE AND HMA BINDER)
 - INSTALL TEMPORARY PAVEMENT WEDGES
 - INSTALL PAVERS AND LANDSCAPE PLANTERS
 - INSTALL STREET SIGNAGE

STAGE 4 (MEDIAN CONSTRUCTION)

THE CONTRACTOR SHALL COMPLETE THE FOLLOWING ITEMS DURING THIS STAGE:

- PEDESTRIAN CORRIDOR ON PROPOSED NORTH AND SOUTH SIDEWALK, ALL TRAFFIC LANES TO REMAIN OPEN AT ALL TIMES. PARKING TO REMAIN OPEN AT ALL TIMES, EXCEPT AS NOTED IN THE PLANS.
 - REMOVE TEMPORARY PAVEMENT
 - INSTALL MEDIAN CURB /GUTTER AND CONCRETE MEDIAN
 - INSTALL PRECAST PLANTER AND PAVERS
 - EXCAVATE FOR AND INSTALL PLANTING SOIL
 - INSTALL MEDIAN TREES AND PLANTS

STAGE 5 (TRAFFIC LANE RESURFACING, CROSSWALK CONSTRUCTION AND SITE AMENITIES)

THE CONTRACTOR SHALL COMPLETE THE FOLLOWING ITEMS DURING THIS STAGE:

- PEDESTRIAN CORRIDOR ON PROPOSED SIDEWALK, ALL TRAFFIC LANES AND PARKING SHALL ALSO REMAIN OPEN AT ALL TIMES
 - REMOVAL OF ANY REMAINING STREET LIGHT EXISTING/TEMPORARY EQUIPMENT
 - INSTALLATION OF PARKWAY TREES AND PLANTS AND ANY REMAINING LANDSCAPING ITEMS
 - INSTALLATION OF BIKE RACKS, TRASH CANS AND BENCHES
 - INSTALLATION OF REMAINING SIGNS
 - MILLING OF WEST AND EAST ENDS OF PROJECT, AND PROJECT WIDE REMOVAL OF TEMPORARY PAVEMENT WEDGES
 - PROJECT WIDE PLACEMENT OF HMA SURFACE COURSE – UNDER TRAFFIC
 - INSTALLATION OF PAVEMENT MARKINGS – UNDER TRAFFIC
 - INSTALLATION OF CROSSWALKS – UNDER TRAFFIC
 - COMPLETION OF ALL PUNCH-LIST ITEMS AS DIRECTED BY THE COMMISSIONER
 - REMOVAL OF TEMPORARY EROSION CONTROL AND TRAFFIC CONTROL

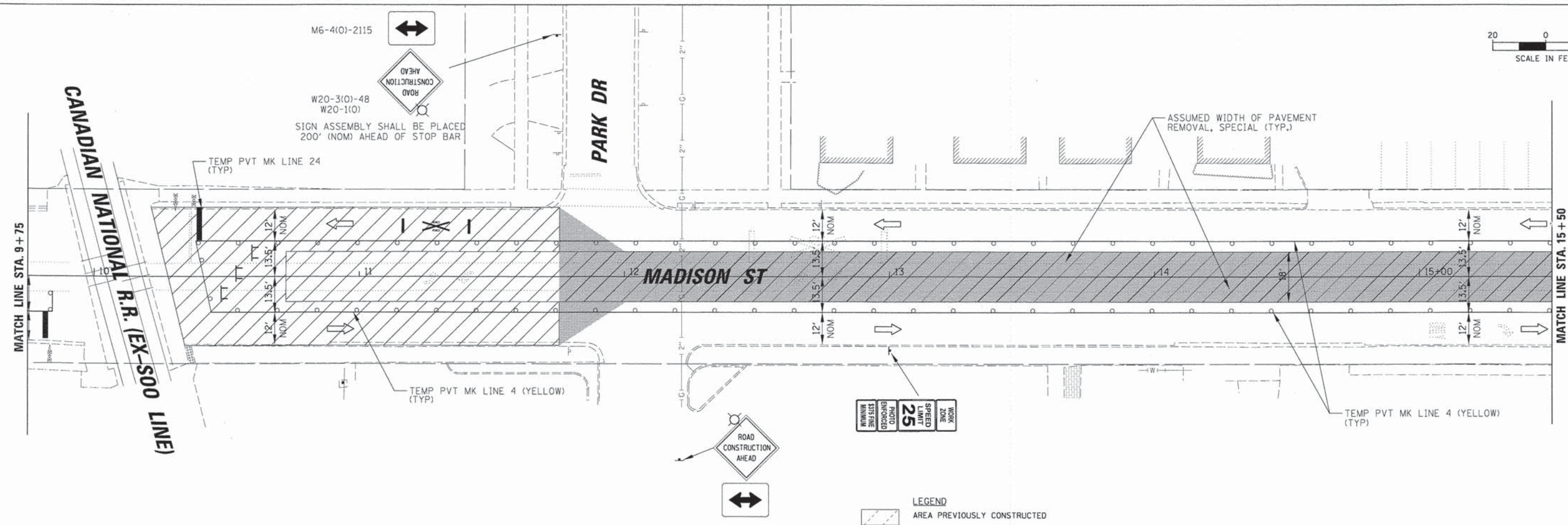
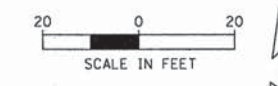


USER NAME = mthomas	DESIGNED JJA	REVISED -
	DRAWN PDR	REVISED -
PLOT SCALE = 1"	CHECKED LMF	REVISED -
PLOT DATE = 12/9/2014	DATE -	REVISED -

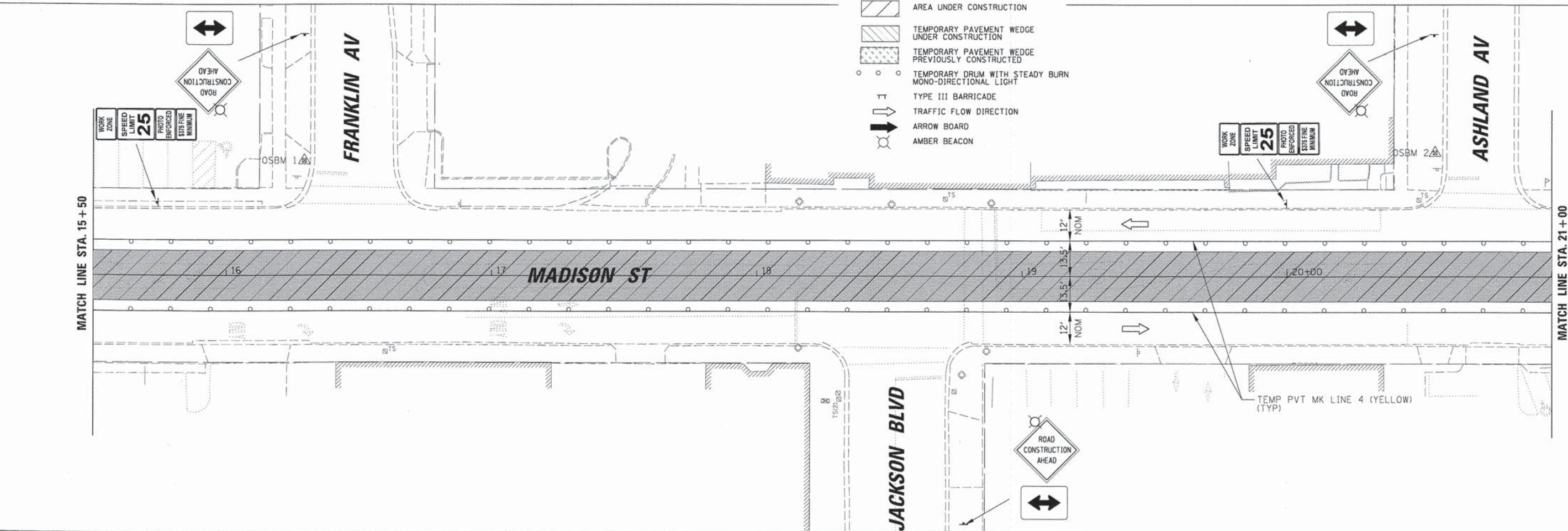
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
MADISON STREET

F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 24
SCALE: NTS SHEET 1 OF 13 STA. --- TO STA. ---			CONTRACT NO. 61A53	
ILLINOIS FED. AID PROJECT				

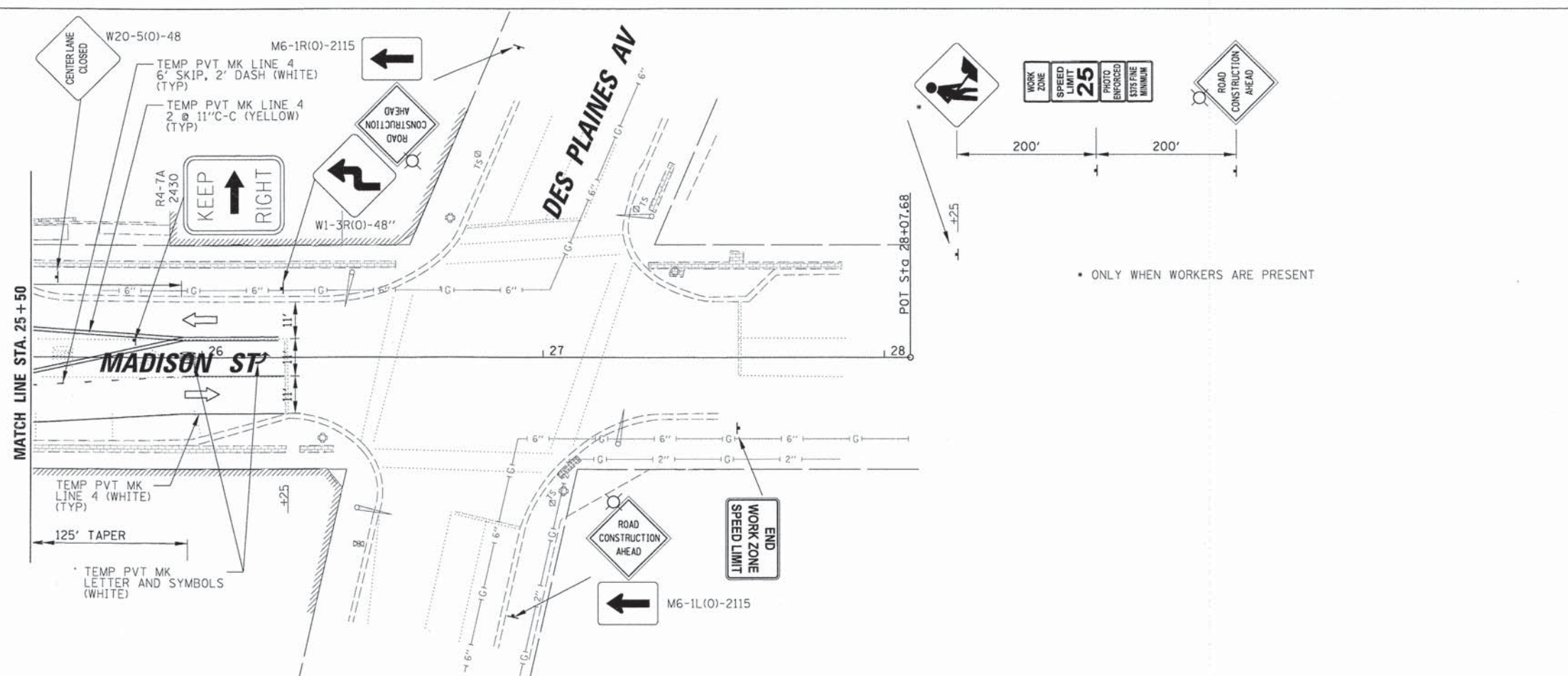
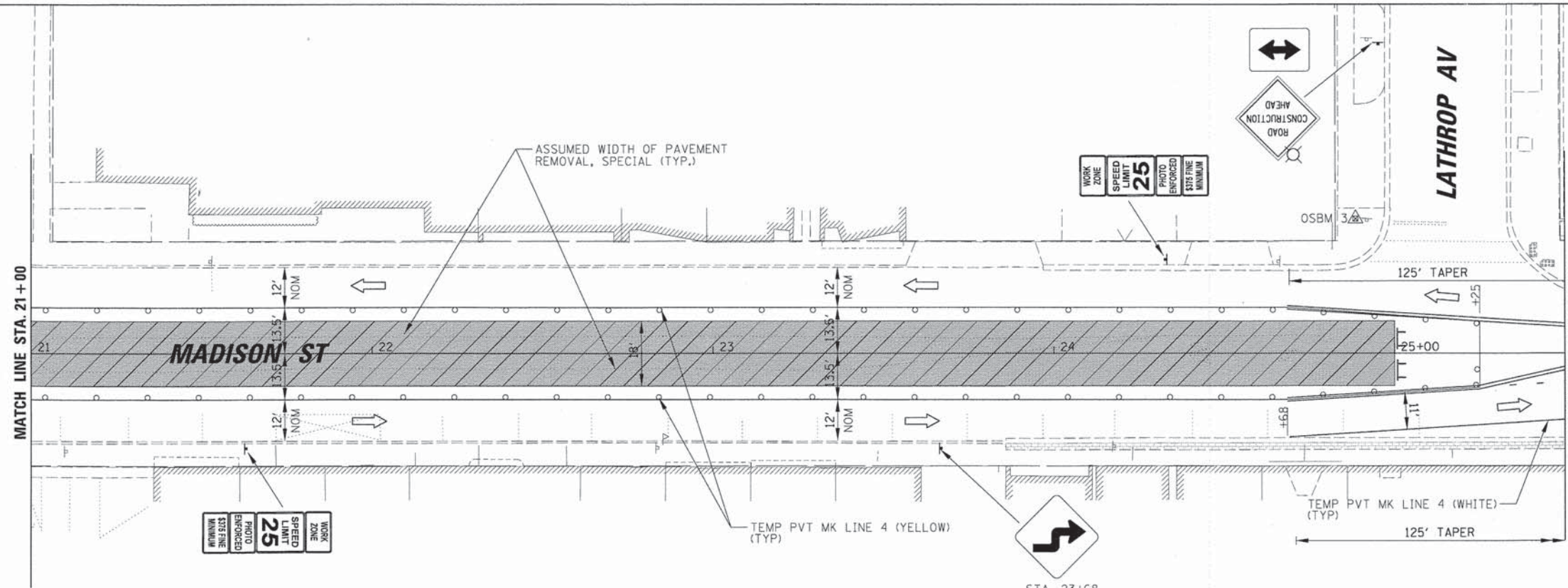


- LEGEND**
- AREA PREVIOUSLY CONSTRUCTED
 - AREA UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE PREVIOUSLY CONSTRUCTED
 - TEMPORARY DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TRAFFIC FLOW DIRECTION
 - ARROW BOARD
 - AMBER BEACON



CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = mthomas PLOT SCALE = 20' PLOT DATE = 12/9/2014	DESIGNED <i>JJA</i> DRAWN <i>PDR</i> CHECKED <i>LMF</i> DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		MAINTENANCE OF TRAFFIC MADISON STREET - STAGE 1		F.A.U. RTE. 1419 SECTION 13-00111-00-LS COUNTY COOK TOTAL SHEETS 69 SHEET NO. 26 CONTRACT NO. 61A53	ILLINOIS FED. AID PROJECT
	SCALE: 20' SHEET 3 OF 13 SHEETS STA. 9+75 TO STA. 21+00								

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CB
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 ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME = mthomas
 DESIGNED JJA
 DRAWN PDR
 CHECKED LMF
 DATE -
 PLOT SCALE = 20'
 PLOT DATE = 12/9/2014

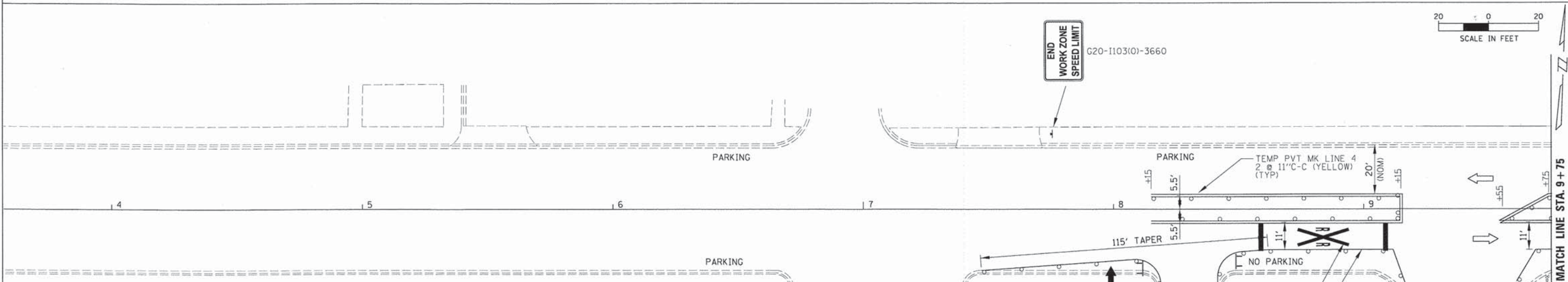
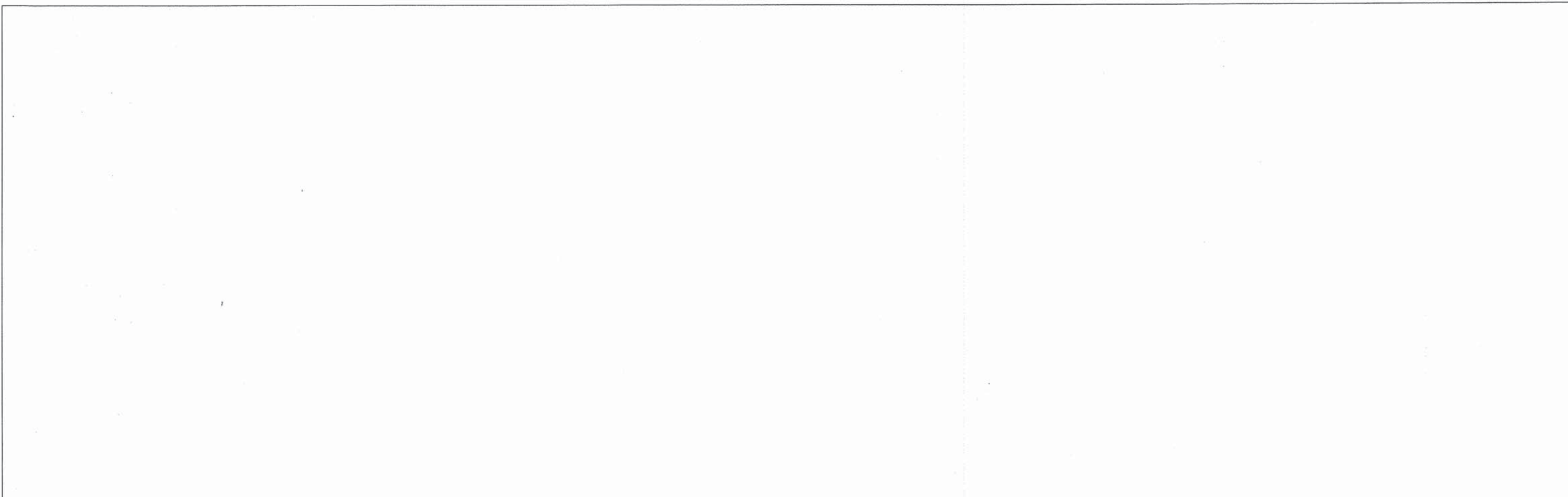
REVISIONS:
 REVISED -
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 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
MADISON STREET - STAGE 1
 SCALE: 20' SHEET 4 OF 13 SHEETS STA. 21+00 TO STA. 28+07.68

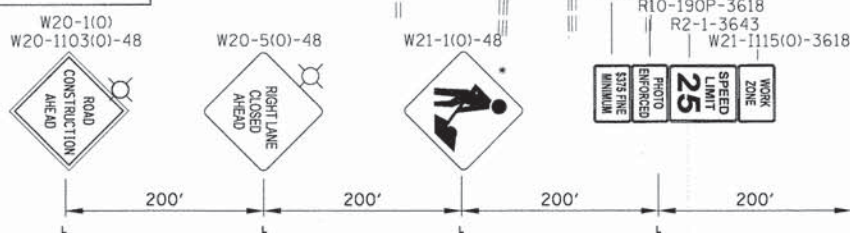
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	27
CONTRACT NO. 61A53				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- AREA PREVIOUSLY CONSTRUCTED
 - AREA UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE PREVIOUSLY CONSTRUCTED
 - TEMPORARY DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TRAFFIC FLOW DIRECTION
 - ARROW BOARD
 - AMBER BEACON

NOTE:
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* ONLY WHEN WORKERS ARE PRESENT

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USER NAME = mthomas	DESIGNED <i>JJA</i>	REVISED -
DRAWN <i>PDR</i>	CHECKED <i>LMF</i>	REVISED -
PLLOT SCALE = 2"	DATE -	REVISED -
PLLOT DATE = 12/9/2014		

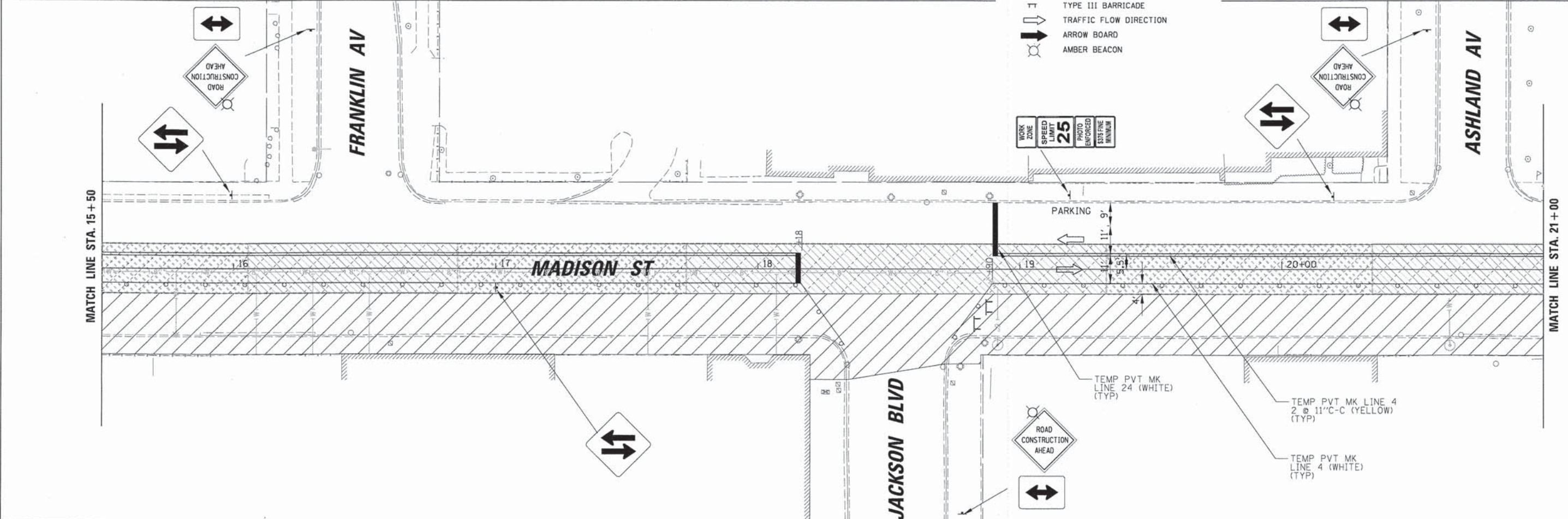
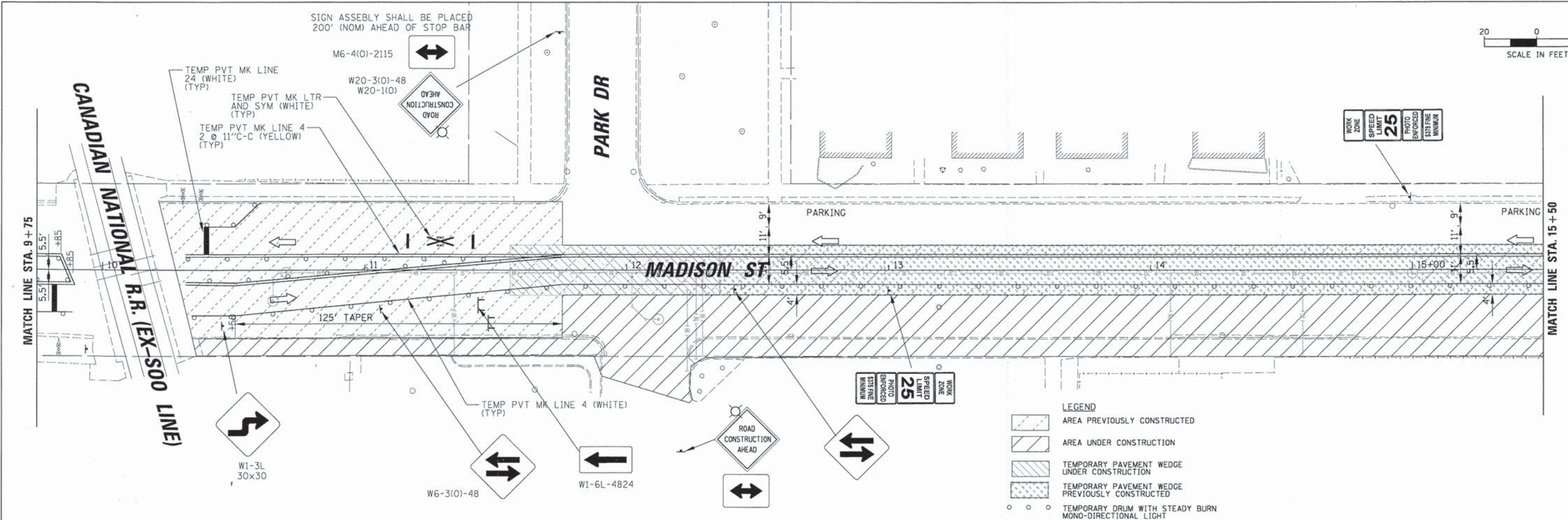
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 MADISON STREET - STAGE 2**

SCALE: 20' SHEET 5 OF 13 SHEETS STA. 4+00 TO STA. 9+75

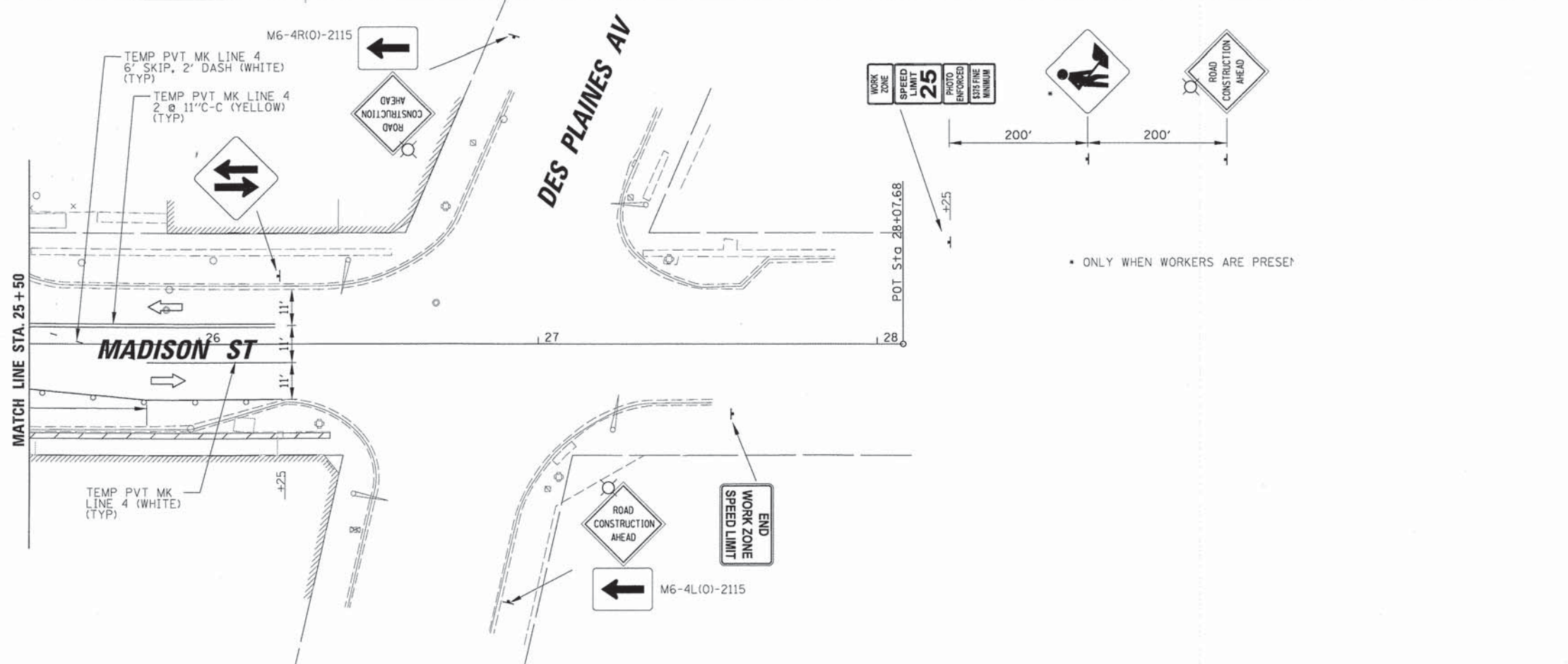
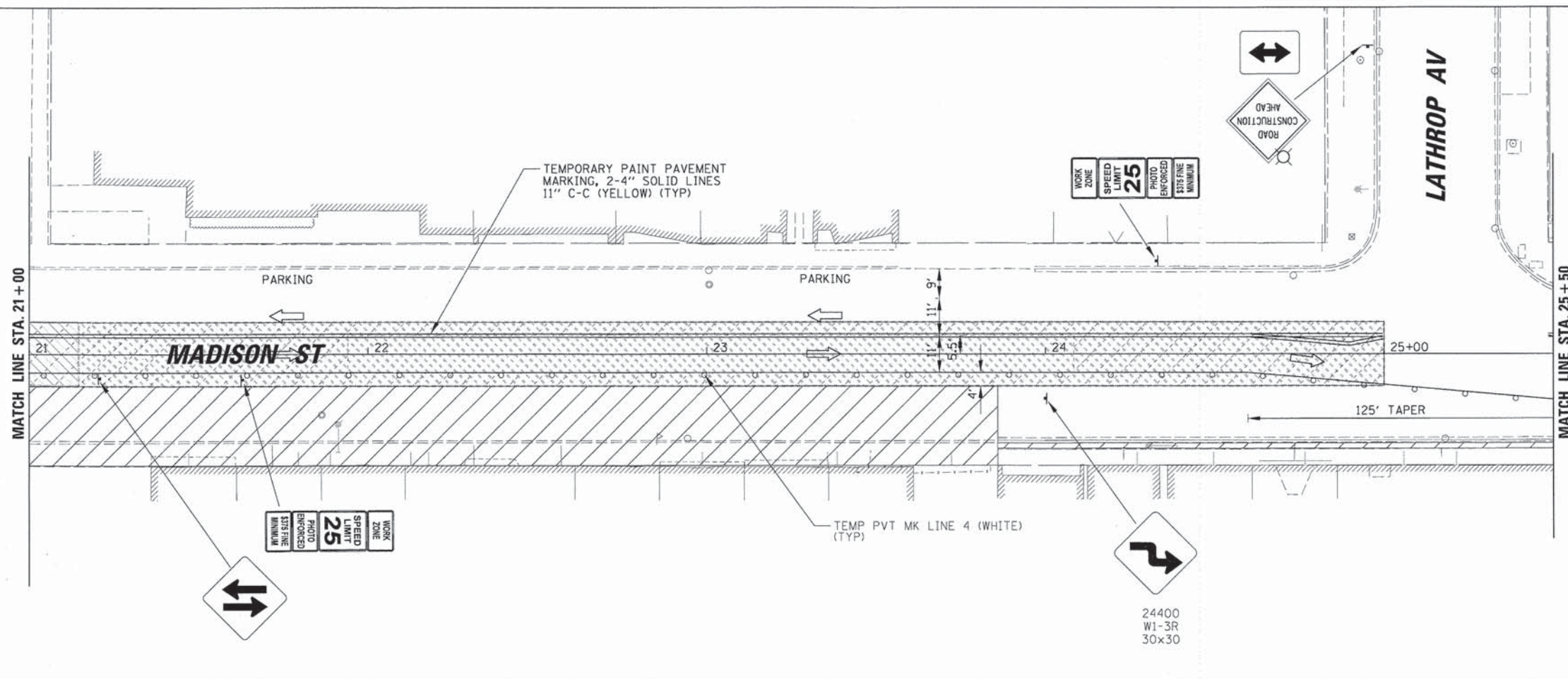
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	28
CONTRACT NO. 61A53			ILLINOIS FED. AID PROJECT	

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- LEGEND**
- AREA PREVIOUSLY CONSTRUCTED
 - AREA UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE PREVIOUSLY CONSTRUCTED
 - TEMPORARY DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TRAFFIC FLOW DIRECTION
 - ARROW BOARD
 - AMBER BEACON

<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	USER NAME = mthomas	DESIGNED JJA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC MADISON STREET - STAGE 2	F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 29		
	PLDT SCALE = 20'	CHECKED LMF	REVISED -			SCALE: 20'	SHEET 6 OF 13 SHEETS	STA. 9+75	TO STA. 21+00	CONTRACT NO. 61A53		
	PLDT DATE = 12/9/2014	DATE -	REVISED -						ILLINOIS FED. AID PROJECT			



- LEGEND**
- AREA PREVIOUSLY CONSTRUCTED
 - AREA UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE PREVIOUSLY CONSTRUCTED
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 - TYPE III BARRICADE
 - TRAFFIC FLOW DIRECTION
 - ARROW BOARD
 - AMBER BEACON

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 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME = mthomas
 DESIGNED JJA
 DRAWN PDR
 CHECKED LMF
 DATE -
 PLOT SCALE = 20'
 PLOT DATE = 12/9/2014

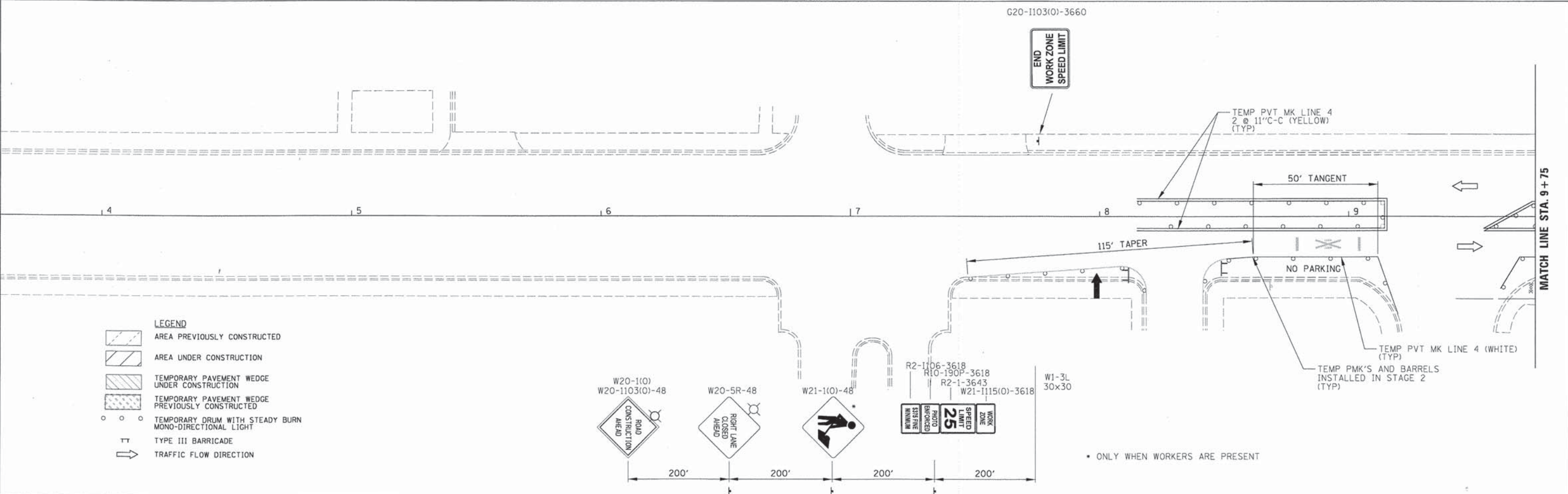
DESIGNED JJA
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

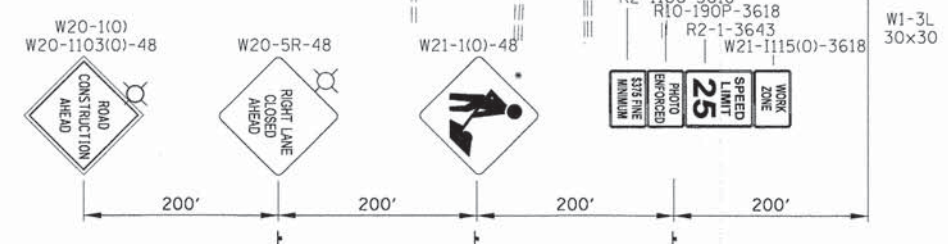
**MAINTENANCE OF TRAFFIC
 MADISON STREET - STAGE 2**

SCALE: 20' SHEET 7 OF 13 SHEETS STA. 21+00 TO STA. 28+07.68

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	30
CONTRACT NO. 61A53			ILLINOIS FED. AID PROJECT	



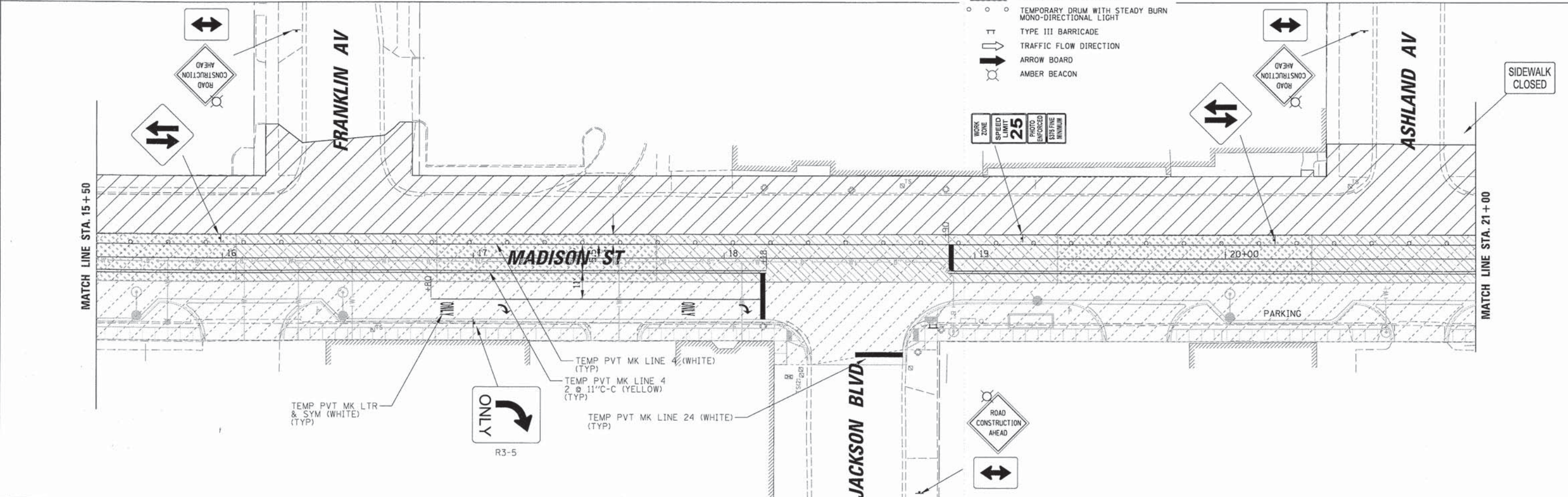
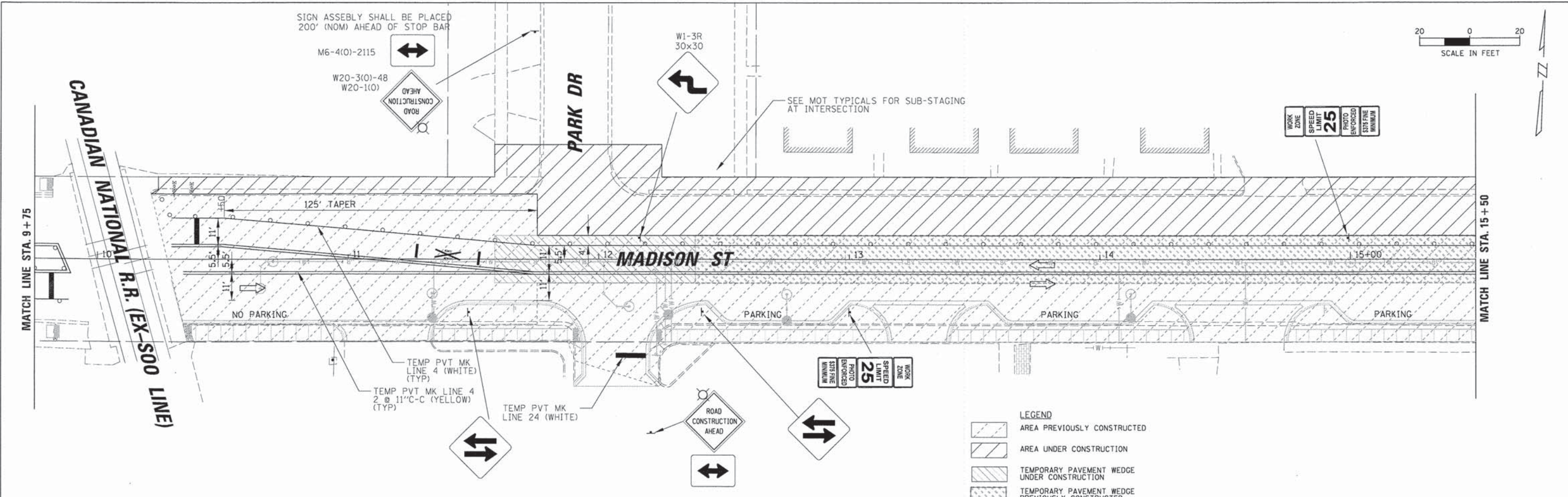
- LEGEND**
- AREA PREVIOUSLY CONSTRUCTED
 - AREA UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE PREVIOUSLY CONSTRUCTED
 - TEMPORARY DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TRAFFIC FLOW DIRECTION



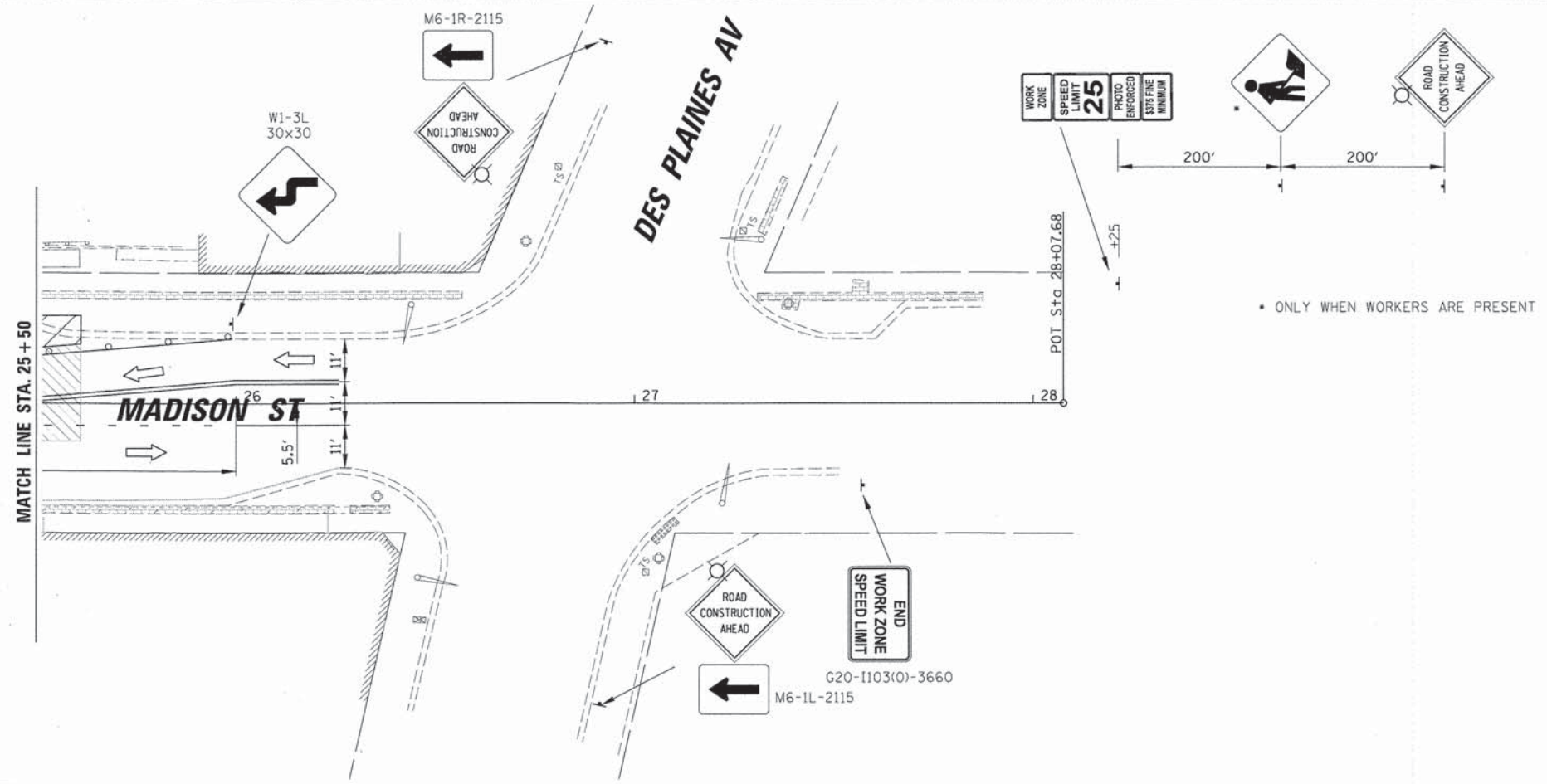
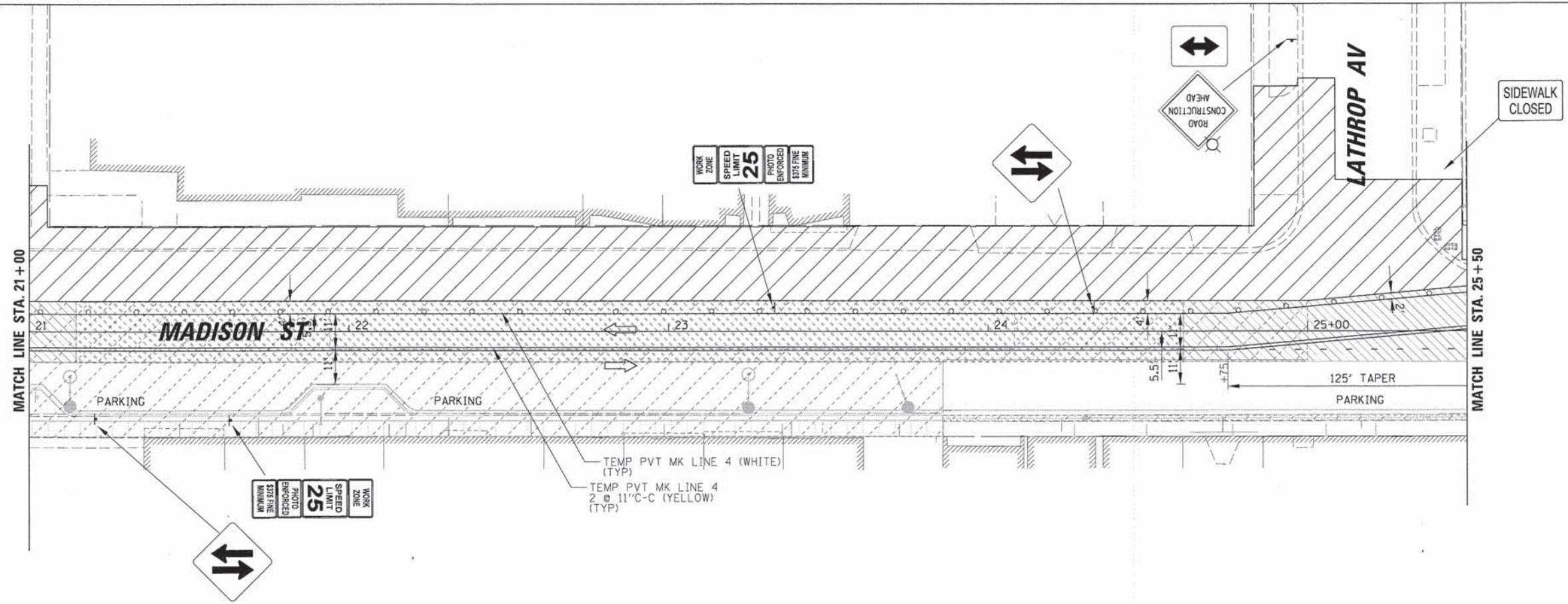
• ONLY WHEN WORKERS ARE PRESENT

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	PLOT SCALE = 20'	CHECKED <i>LMF</i>	REVISED -			SCALE: 20'	SHEET 8 OF 13 SHEETS	STA. 4+00	TO STA. 9+75	CONTRACT NO. 61A53			
	PLOT DATE = 12/9/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT							

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	SCALE: 20' SHEET 9 OF 13 SHEETS STA. 9+75 TO STA. 21+00						



- LEGEND**
- AREA PREVIOUSLY CONSTRUCTED
 - AREA UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE PREVIOUSLY CONSTRUCTED
 - TEMPORARY DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TRAFFIC FLOW DIRECTION
 - ARROW BOARD
 - AMBER BEACON

CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = mthomas	DESIGNED <i>JJA</i>	REVISED -
	PLOT SCALE = 20'	DRAWN <i>PDR</i>	REVISED -
	PLCT DATE = 12/9/2014	CHECKED <i>LMF</i>	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
MADISON STREET - STAGE 3

SCALE: 20' SHEET 10 OF 13 SHEETS STA. 21+00 TO STA. 28+07.68

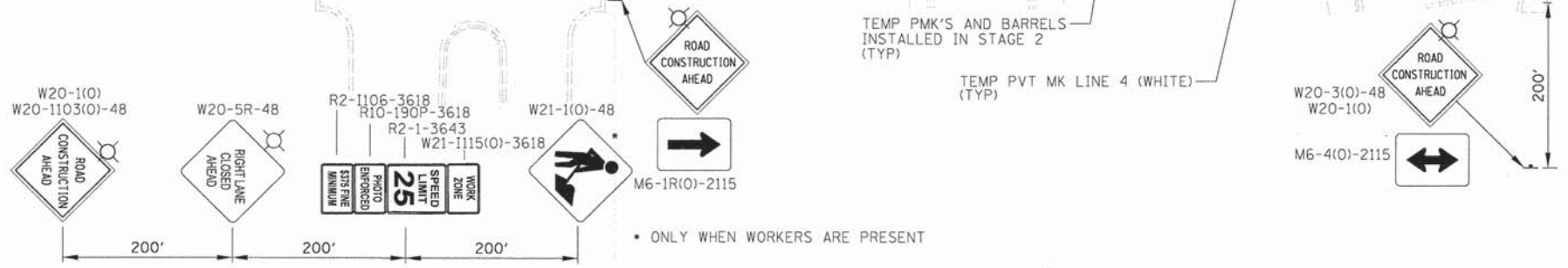
F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 33
				CONTRACT NO. 61A53
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- AREA PREVIOUSLY CONSTRUCTED
 - AREA UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE PREVIOUSLY CONSTRUCTED
 - TEMPORARY DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TRAFFIC FLOW DIRECTION
 - ARROW BOARD
 - AMBER BEACON

NOTE:
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 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME = mthomas
 DESIGNED JJA
 DRAWN PDR
 CHECKED LMF
 PLOT DATE = 12/9/2014

DESIGNED JJA
 DRAWN PDR
 CHECKED LMF
 DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

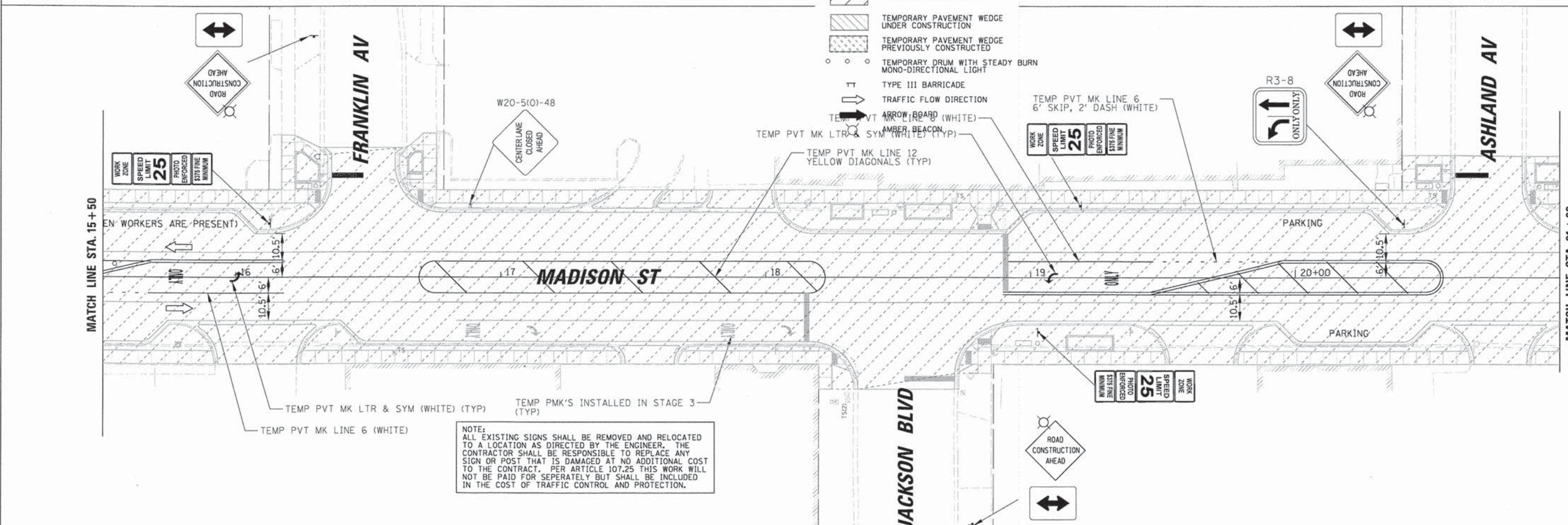
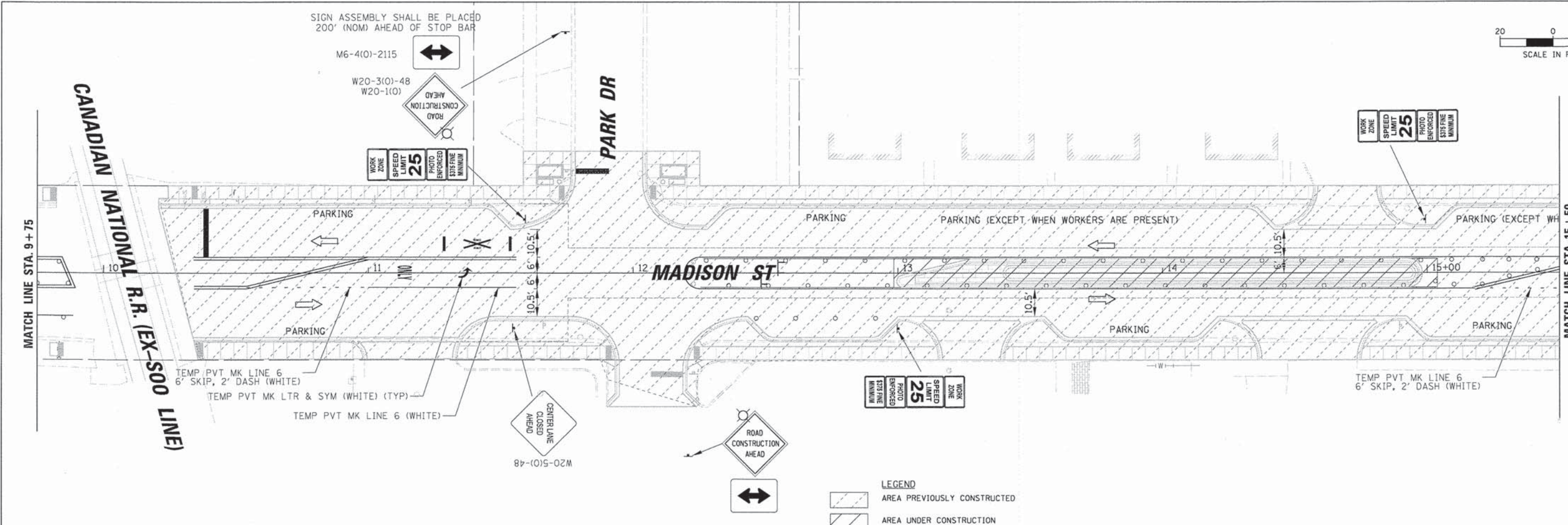
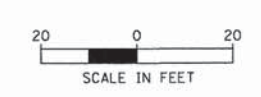
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 MADISON STREET - STAGE 4**

SCALE: 20' SHEET 11 OF 13 SHEETS STA. 4+00 TO STA. 9+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	34
				CONTRACT NO. 61A53
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- AREA PREVIOUSLY CONSTRUCTED
 - AREA UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE PREVIOUSLY CONSTRUCTED
 - TEMPORARY DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TRAFFIC FLOW DIRECTION
 - TEMP PVT MK LINE 6 (WHITE) ARROW BOARD (WHITE)
 - TEMP PVT MK LTR & SYM (WHITE) (TYP) AMBER BEACON
 - TEMP PVT MK LINE 12 YELLOW DIAGONALS (TYP)

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 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME = mthomas
 DESIGNED JJA
 DRAWN PDR
 CHECKED LMF
 DATE -
 PLOT SCALE = 20'
 PLOT DATE = 12/9/2014

DESIGNED JJA
 DRAWN PDR
 CHECKED LMF
 DATE -
 REVISED -
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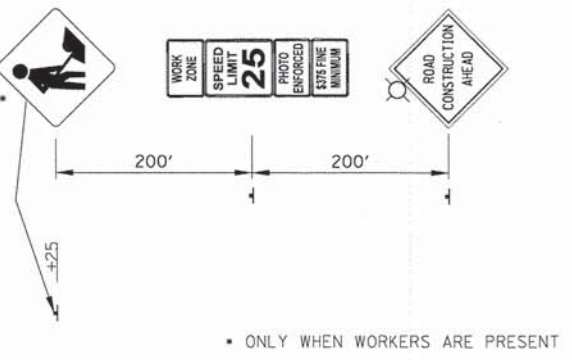
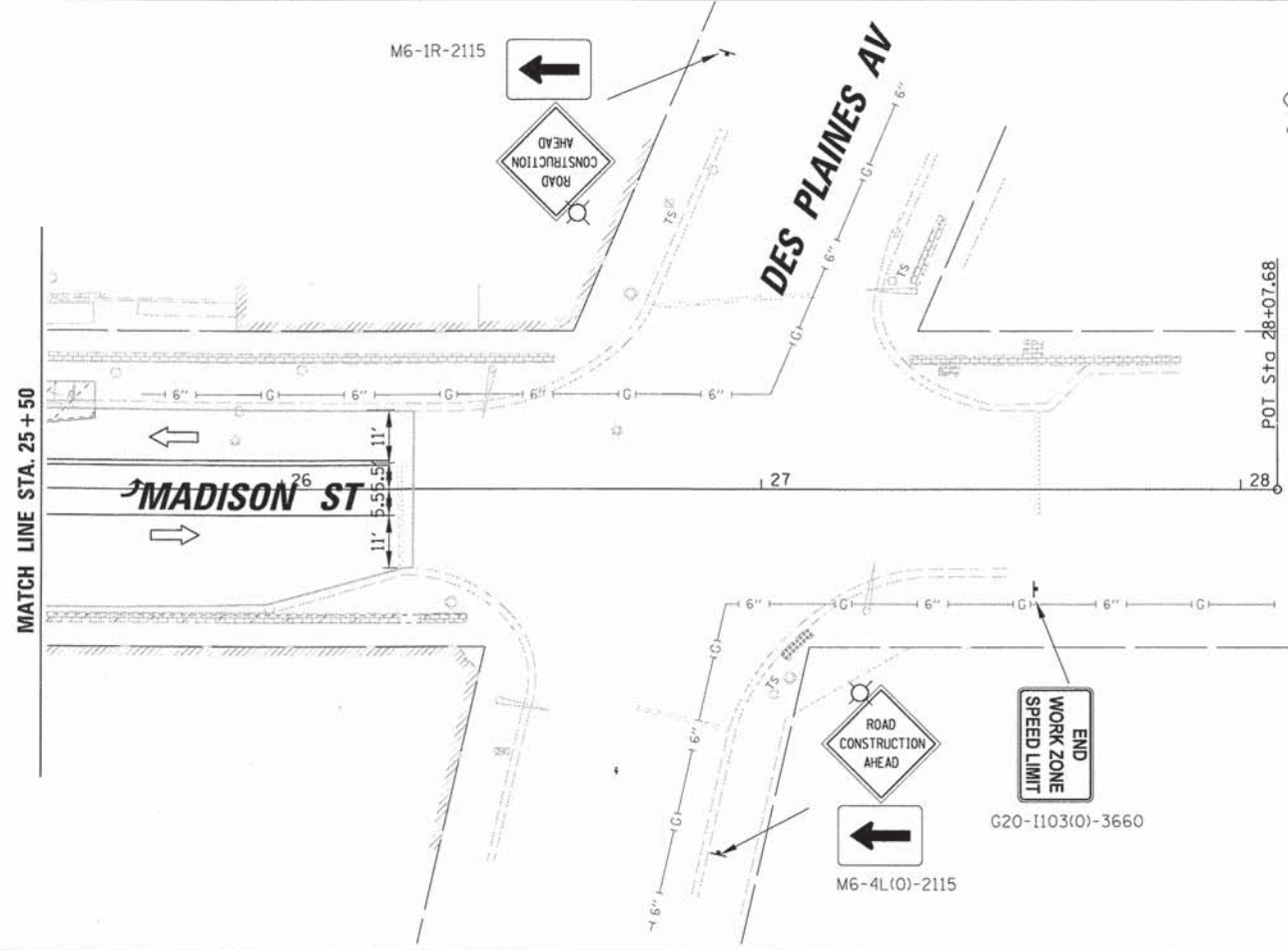
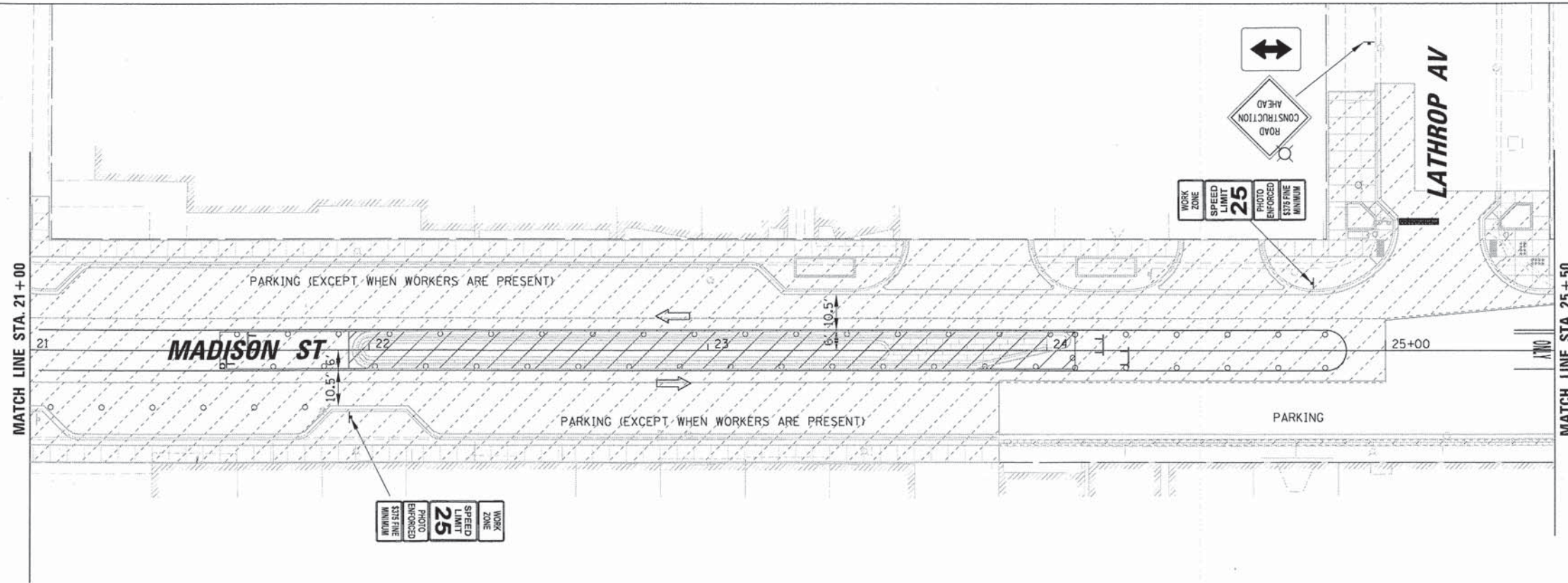
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
MADISON STREET - STAGE 4

SCALE: 20' SHEET 12 OF 13 SHEETS STA. 9+75 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	35
CONTRACT NO. 61A53				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- AREA PREVIOUSLY CONSTRUCTED
 - AREA UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE UNDER CONSTRUCTION
 - TEMPORARY PAVEMENT WEDGE PREVIOUSLY CONSTRUCTED
 - TEMPORARY DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TRAFFIC FLOW DIRECTION
 - ARROW BOARD
 - AMBER BEACON

• ONLY WHEN WORKERS ARE PRESENT

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CHRISTOPHER B. BURKE
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 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME = mthomas
 DESIGNED JJA
 DRAWN PDR
 CHECKED LMF
 DATE -
 PLOT SCALE = 20'
 PLOT DATE = 12/9/2014

DESIGNED JJA
 DRAWN PDR
 CHECKED LMF
 DATE -
 REVISED -
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 REVISED -

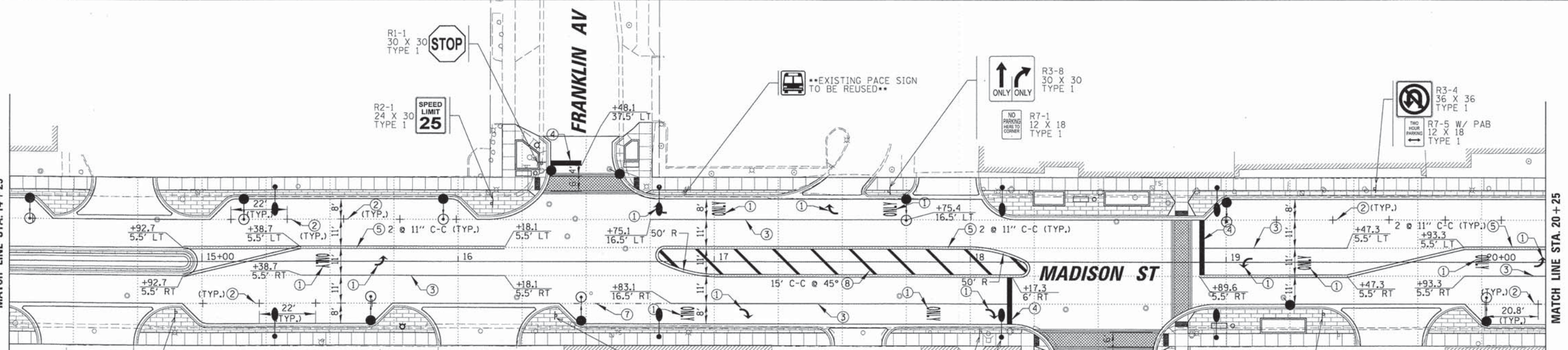
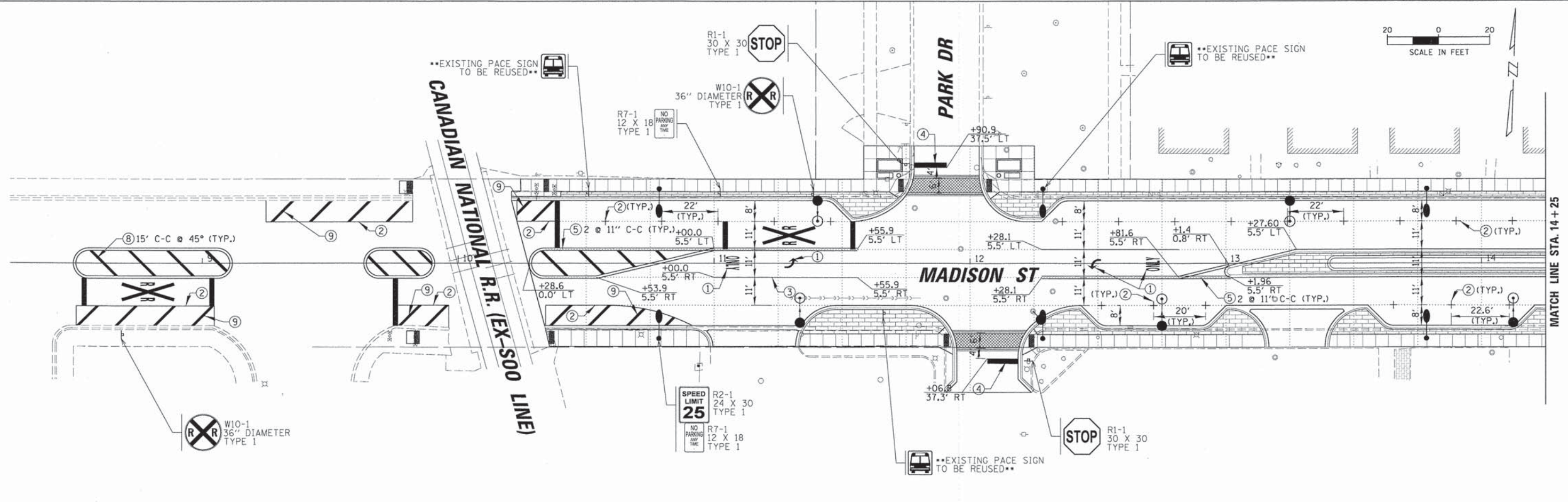
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
MADISON STREET - STAGE 4

SCALE: 20' SHEET 13 OF 13 SHEETS STA. 21+00 TO STA. 28+07.68

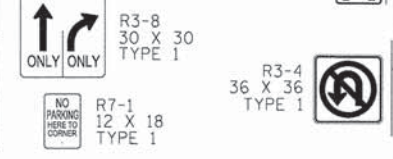
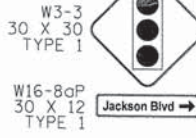
F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 36
				CONTRACT NO. 61A53
ILLINOIS FED. AID PROJECT				

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- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
 - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
 - ⑥ STOP SIGN (R1-1)
 - ⑦ NOT USED
 - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)

NOTE:
 ALL EXISTING SIGNS SHALL BE REMOVED AND RELOCATED TO A LOCATION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY SIGN OR POST THAT IS DAMAGED AT NO ADDITIONAL COST TO THE CONTRACT. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF MOBILIZATION.



CHRISTOPHER B. BURKE
 ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME: rthomas	DESIGNED: JJA	REVISED: -
PLOT SCALE: 28'	DRAWN: PDR	REVISED: -
PLOT DATE: 12/9/2014	CHECKED: LMF	REVISED: -
	DATE: -	REVISED: -

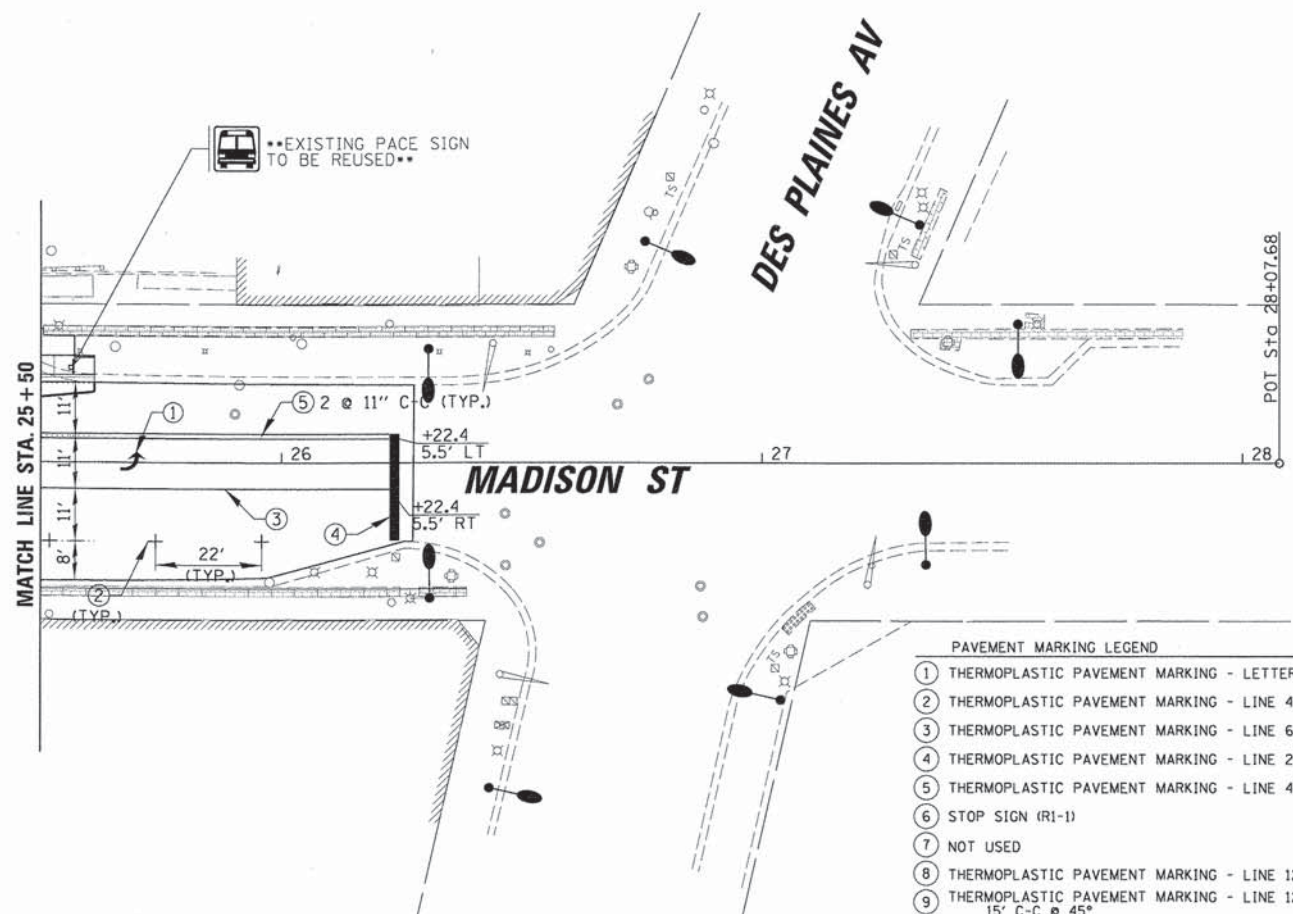
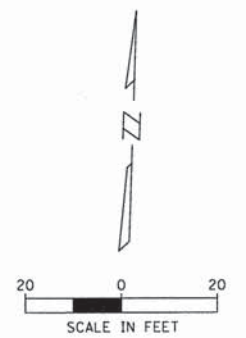
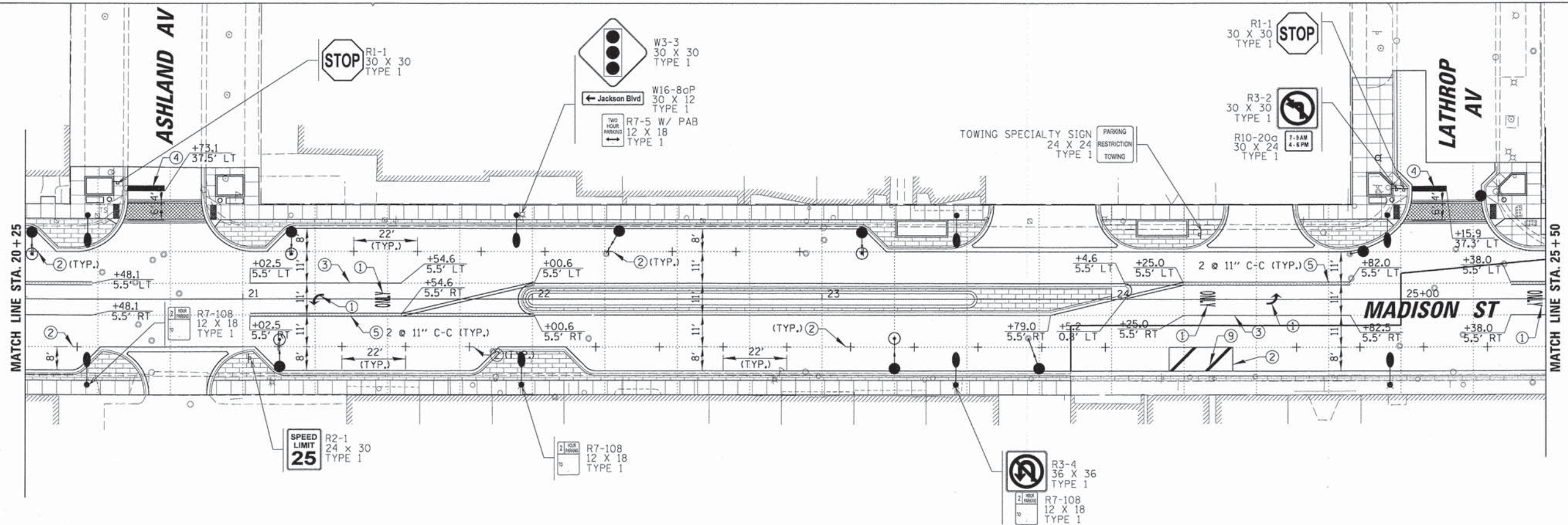
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
MADISON STREET

SCALE: 20' SHEET 1 OF 2 SHEETS STA. 10+00 TO STA. 21+00

F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 37
CONTRACT NO. 61A53				
ILLINOIS FED. AID PROJECT				

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- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
 - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
 - ⑥ STOP SIGN (R1-1)
 - ⑦ NOT USED
 - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)

NOTE:
 ALL EXISTING SIGNS SHALL BE REMOVED AND RELOCATED TO A LOCATION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY SIGN OR POST THAT IS DAMAGED AT NO ADDITIONAL COST TO THE CONTRACT. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF MOBILIZATION.

CHRISTOPHER B. BURKE
 ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME = mthomas
 PLOT SCALE = 20'
 PLOT DATE = 12/9/2014

DESIGNED *JJA*
 DRAWN *PDR*
 CHECKED *LMF*
 DATE -

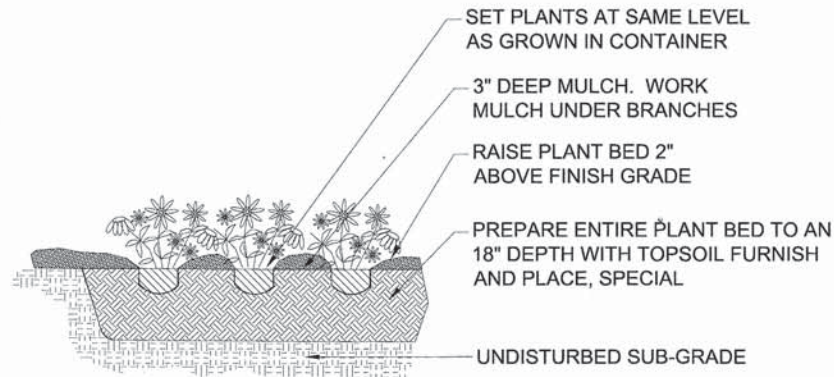
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

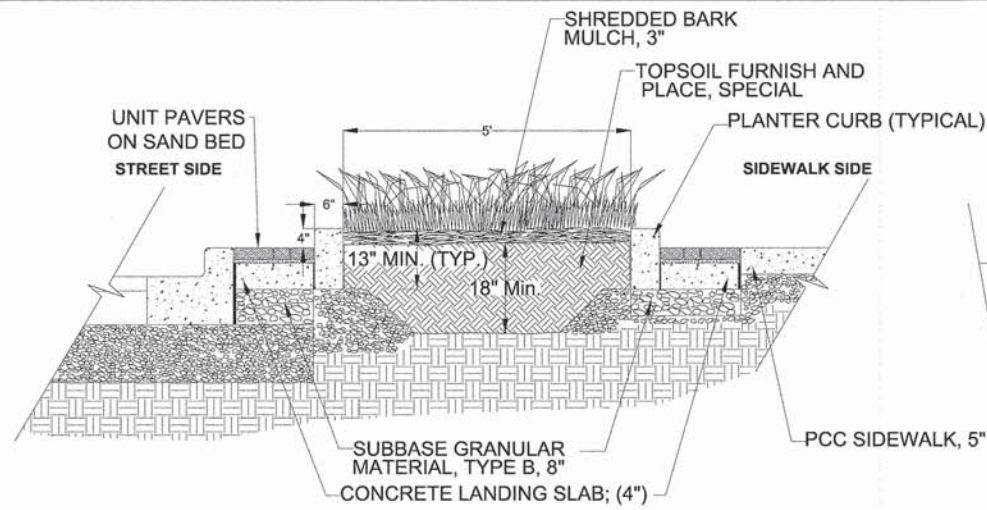
PAVEMENT MARKING AND SIGNING PLAN
MADISON STREET

SCALE: 20' SHEET 2 OF 2 SHEETS STA. 21+00 TO STA. 28+07.68

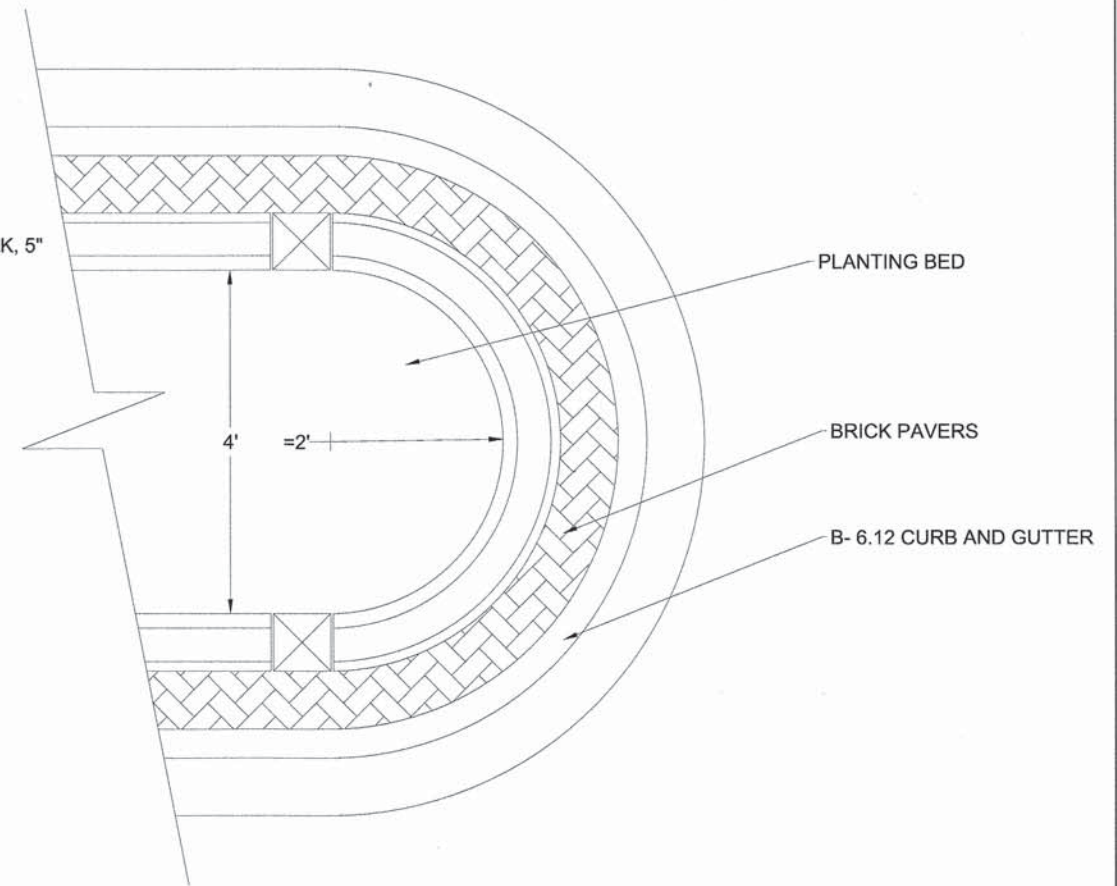
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	38
				CONTRACT NO. 61A53
ILLINOIS FED. AID PROJECT				



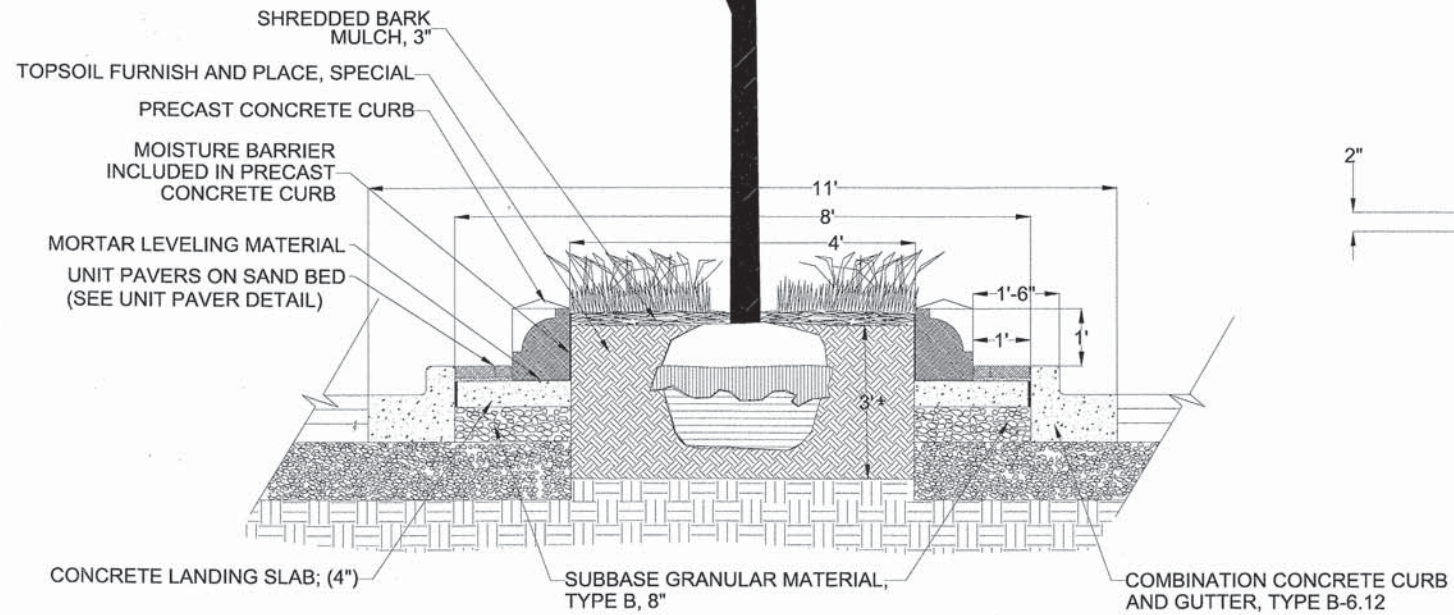
PERENNIAL, AND GROUNDCOVER DETAIL
NO SCALE



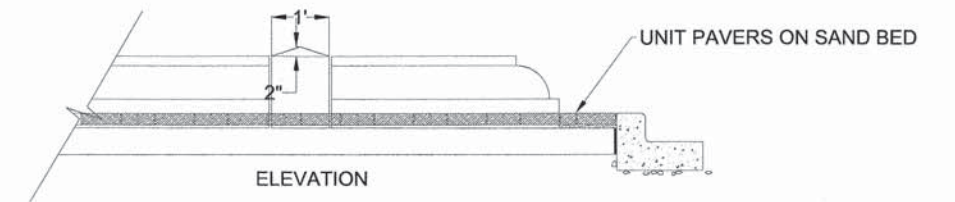
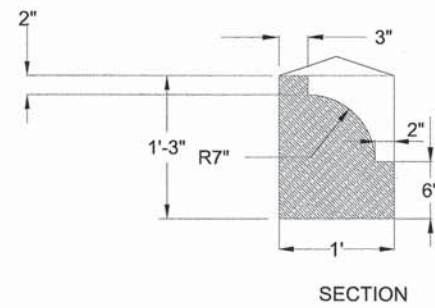
TYPICAL CURBED PLANTER DETAIL
NO SCALE



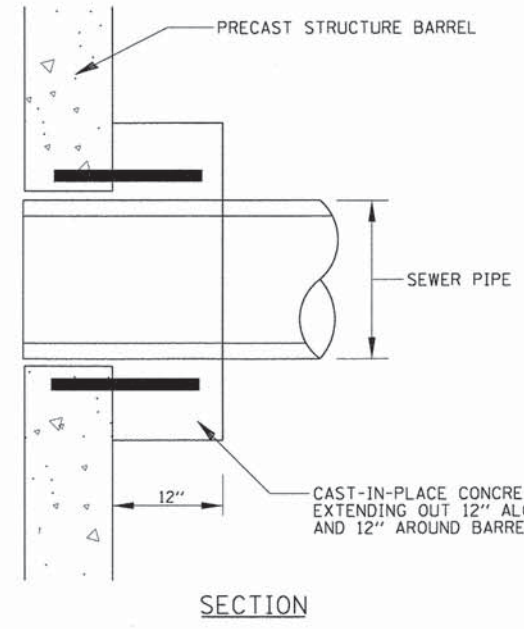
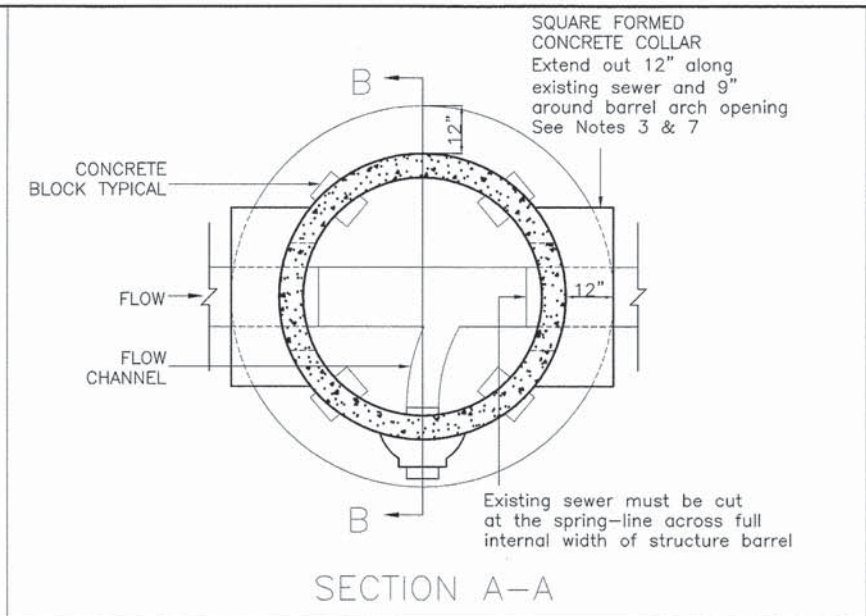
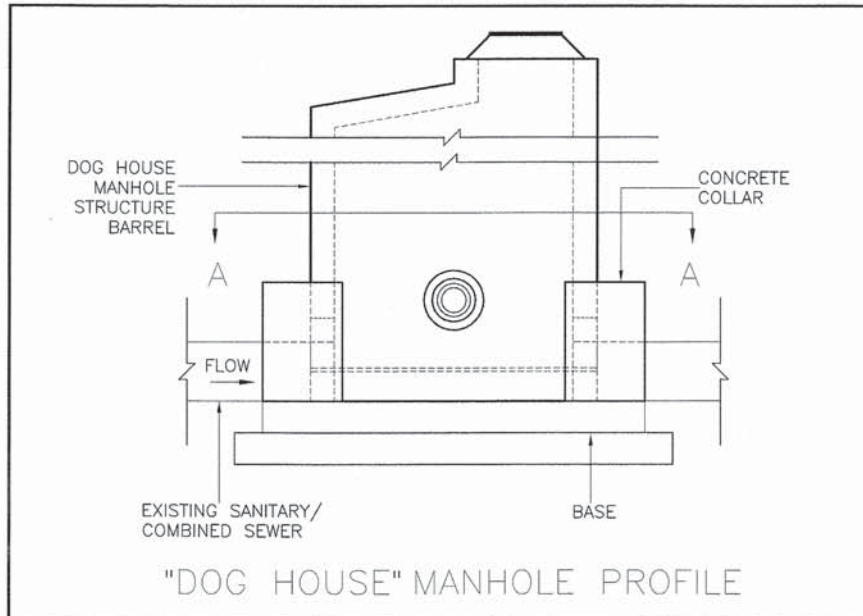
MEDIAN PRECAST CONCRETE CURB PLAN VIEW
NO SCALE



TYPICAL MEDIAN CROSS SECTION
NO SCALE

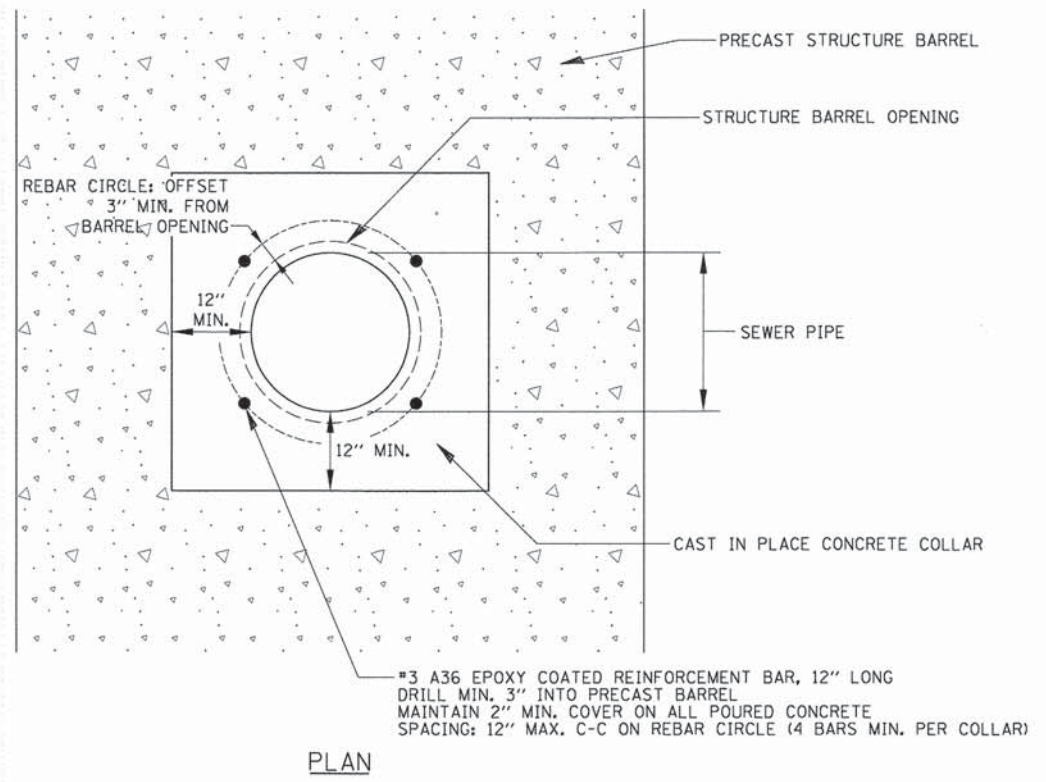
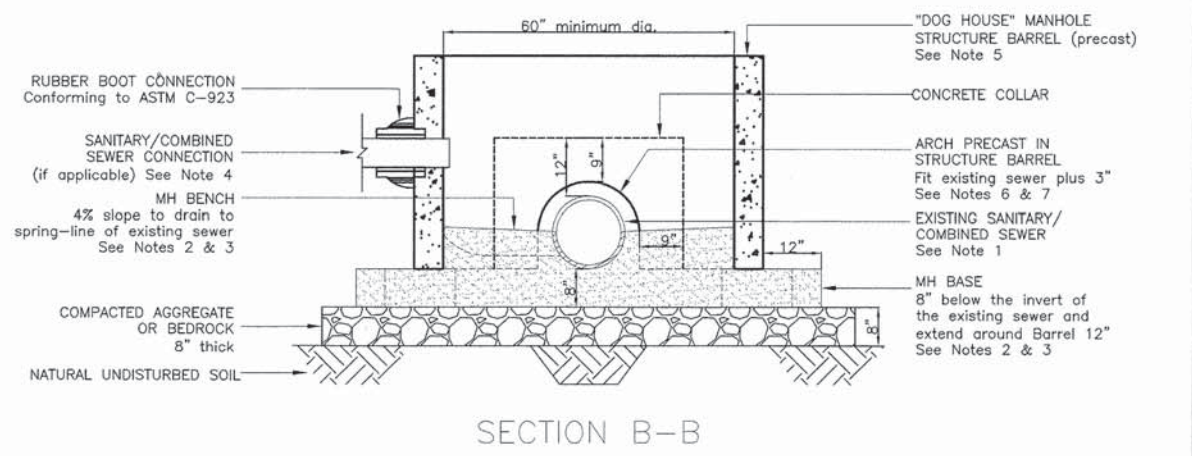


PRECAST CONCRETE CURB
NO SCALE



NOTES:
 MINIMUM CONCRETE STRENGTH 4000 PSI @ 28 DAYS
 USE NON-SHRINK MIX
 CONCRETE BONDING AGENT TO BE APPLIED TO ALL INTERFACES OF PRECAST CONCRETE SURFACES WITH CAST-IN-PLACE CONCRETE

- Notes:
- Existing Sanitary or Combined Sewer must be 15" diameter or larger for "dog house" manhole use.
 - Integral pour for base and bench. (No precast base)
 - All poured-in-place concrete must be 4000 psi non-shrink mix.
 - External drop connection must be provided if invert of connecting sewer is 24" or more above the invert of outlet. (See separate MWRD Standard Drop detail.)
 - Manhole diameter minimum 60" - increases based on the existing sewer diameter.
 - Concrete bonding agent must be applied to all interfaces of precast concrete surfaces with poured-in-place concrete.
 - A curved internal arch form must be used during collar concrete fill. No brick, mortar, or debris is to be used in place of consolidated concrete.
 - Debris must not be allowed to enter the sewer system at any time during construction.
 - All dimensions noted are minimum allowed.
 - The structure must not be backfilled for a minimum of 24 hours after construction.



**"DOG HOUSE" MANHOLE
 ALTERNATIVE FOR NEW MH CONSTRUCTION ON / CONNECTION TO EXISTING LIVE SEWERS**

METROPOLITAN WATER RECLAMATION
 DISTRICT OF GREATER CHICAGO
 ENGINEERING DEPARTMENT
 01-08 LOCAL SEWERS JRR/KAM

**RETROFITTED CONCRETE COLLAR FOR SEWER PIPES
 N.T.S.**

Implementation Plan

This detail is intended to provide direction to the Contractor at locations where pipe connections have been made to structures without installing a resilient connector. The collar is a substitution for the resilient connector. The Contractor shall expose the connection as currently installed to the extent needed to adequately install the concrete collar as detailed. Holes shall be drilled in the structure to accommodate the reinforcing bars. Bars shall be hammered into the holes or grouted as necessary. Wood forms shall be used on the sides and face of the collar for placement of concrete. The surfaces of the structure and pipe shall be cleaned of any debris and dirt prior to applying bonding agent and pouring concrete. Concrete may be poured against the ground at the bottom of the collar as long as the minimum 12" thickness of the collar is maintained. The collar shall be allowed to cure 24 hours prior to removing forms and/or backfilling the structure.

LIGHTING GENERAL NOTES

1. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM THE VILLAGE OF RIVER FOREST AND FOREST PARK BEFORE THE START OF WORK, ANY COST FOR PERMIT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
2. BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD AND UNDERGROUND ELECTRIC UTILITIES SHALL CALL COM ED FOR LOCATION APPROVAL AND MINIMUM CLEARANCE REQUIREMENTS.
3. THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION AT NO ADDITIONAL COST TO THE OWNER. THE COST ASSOCIATED FOR THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED.
4. ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL OWNER'S REPRESENTATIVE, AND STATE AND LOCAL TIPPING FEE.
5. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/ DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
 - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AS PREPARED BY IDOT.
 - B. "THE NATIONAL ELECTRICAL CODE".
 - C. MUNICIPAL CODES & STANDARDS.
7. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE OWNER'S REPRESENTATIVE.
8. CAST A GROUND ROD INSIDE EVERY CONCRETE POLE FOUNDATION AND CONNECT TO THE POLE GROUNDING LUG VIA A #6 SOLID COPPER WIRE WITH A MECHANICAL CONNECTION AT THE GROUND ROD AND PIGTAIL SPLICE INSIDE THE POLE HANDHOLE.
9. ALL UNDERGROUND WIRING SHALL BE MINIMUM #8 COPPER (OR SIZE AS SHOWN ON THE PLANS) XLP TYPE-USE, EXTRA ABRASION RESISTANCE, 600 VOLTS, INSTALLED IN SCH 40 HDPE CONDUIT A MINIMUM 30 INCHES BELOW FINISHED GRADE, FOLLOWING THE ROADWAY OR SIDEWALK EDGE.
10. LUMINAIRES SHALL BE LEVEL & HAVE A TIGHT FIT ON POLE/LUMINAIRE ARMS TO THE VILLAGE'S SATISFACTION. LUMINAIRE HOUSE SIDE SHIELDS SHALL BE PROVIDED AT LOCATIONS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. FIELD ADJUSTING OF THE LUMINAIRE SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE LUMINAIRE.
11. TO MAINTAIN THE STRUCTURAL INTEGRITY OF LIGHT POLES WITH LUMINAIRE ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES.
12. ALL POLE HANDHOLES SHALL FACE AWAY FROM TRAFFIC.
13. THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO SETS OF FULL SIZE RECORD DRAWINGS TO THE OWNER'S REPRESENTATIVE UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATIONS OF ALL LIGHT POLES, UNDERGROUND CONDUITS/ WIRING, HANDHOLES, JUNCTION BOXES & CONTROLLER CABINETS. THE DRAWINGS WILL BE REVIEWED BY THE OWNER'S REPRESENTATIVE.
14. UPON COMPLETION OF THE PROPOSED LIGHTING IMPROVEMENTS, THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS. ALL ELECTRICAL TESTING SHALL BE PERFORMED IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE AND THE VILLAGE.
15. CONTRACTOR SHALL USE A STANDARD CONCRETE FOUNDATION WHEREVER POSSIBLE. IF UTILITY CONFLICTS PROHIBIT THE USE OF A STANDARD CONCRETE FOUNDATION, THE CONTRACTOR SHALL CONSULT WITH OWNER'S REPRESENTATIVE PRIOR TO THE USE OF AN OFFSET FOUNDATION.

PLAN	DATE
SUBMITTED BY _____	DATE _____
REVISED BY _____	DATE _____
CHECKED BY _____	DATE _____
DATE _____	DATE _____

PROFILE	DATE
SUBMITTED BY _____	DATE _____
REVISED BY _____	DATE _____
CHECKED BY _____	DATE _____
DATE _____	DATE _____

ROADWAY LIGHTING BILL OF MATERIALS

16. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NO COST.
17. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHT AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
19. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, (IF APPLICABLE) AND HAVE BEEN REVIEWED BY THE ENGINEER.
20. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
21. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
22. CONDUIT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
23. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
24. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND LIGHTING CONTROLLERS FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER AT THE PRECONSTRUCTION INSPECTION. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGERING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER PRIOR TO STARTING WORK.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY NOTIFICATION AND ALL COORDINATION WITH COM ED FOR NEW ELECTRIC SERVICE TO THE PROPOSED LIGHTING CONTROLLERS. THE ELECTRIC SERVICE COORDINATION PERFORMED BY THE ENGINEER DURING DESIGN IS INCLUDED IN THE PLANS FOR THE CONTRACTORS INFORMATION.

Code No.	Description	Unit	Quantity
20101300	TREE PRUNING (1' TO 10" DIA.)	EACH	1
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	300
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	700
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	180
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	60
81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC, 1 1/2" DIA.	FOOT	4800
81400100	HANDHOLE	EACH	3
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	32500
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1100
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100 AMP	EACH	2
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	290
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	22
84200804	REMOVAL OF POLE FOUNDATION	EACH	15
89502300	REMOVE EXISTING CABLE FROM CONDUIT	FOOT	12500
89502350	REMOVE AND REINSTALL EXISTING CABLE FROM CONDUIT	FOOT	250
89502380	REMOVE EXISTING HANDHOLE	EACH	8
• X0323002	TEMPORARY ELECTRIC SERVICE CONNECTION	EACH	5
• X8360215	LIGHT POLE FOUNDATION 24" DIAMETER, OFFSET	FOOT	26
• XX008068	LUMINAIRE INSTALLATION, TYPE 1	EACH	31
• Z0033024	MAINTAIN EXISTING LIGHTING SYSTEM	L SUM	1

LIGHTING REMOVAL NOTES

1. EXISTING ELECTRICAL CABLE AND CONDUIT ROUTING IS BASED ON INFORMATION RECEIVED FROM THE VILLAGES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES AND WAIT FOR WRITTEN DIRECTION PRIOR TO PROCEEDING WITH ANY WORK.
2. ALL EXISTING LIGHTING SYSTEMS SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION. NOT UNTILL ALL PORPOSED LIGHTING SYSTEMS HAVE BEEN PUT INTO SUCCESSFUL OPERATION FOR SEVEN DAYS WILL THE CONTRACTOR BE ALLOWED TO REMOVE ANY EXISTING LIGHTING UNITS. WHEN INSTRUCTED TO DO SO THE CONTRACTOR SHALL REMOVE EXISTING LIGHT POLES, FOUNDATIONS AND CABLES, AT LOCATIONS INDICATED ON THE PLANS, AND RETURN ALL LIGHT POLES AND LUMINAIRES TO THE VILLAGE OF RIVER FOREST OR FOREST PARK PUBLIC WORKS. REMOVED LUMINAIRES SHALL BE BOXED PRIOR TO TRANSPORTING THEM TO THE PUBLIC WORKS. ANY DAMAGE RESULTING FROM THE REMOVAL AND/OR TRANSPORTATION OF THE LIGHT POLES AND LUMINAIRES SHALL BE REPAIRED OR REPLACED IN KIND AT THE CONTRACTOR'S OWN EXPENSE.
3. EXISTING ELECTRICAL CONDUIT SHALL BE CUT DOWN TO A MINIMUM OF 1'-0" BELOW GRADE AND ABANDONED.
4. CONTRACTOR SHALL REMOVE EXISTING LIGHT POLE CONCRETE FOUNDATIONS A MINIMUM OF 2 FT. BELOW GRADE. ALL REMOVED MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS, AND VOIDS CAUSED BY REMOVAL SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 842.01 OF THE STANDARD SPECIFICATIONS.
5. THE CONTRACTOR SHALL KEEP EXISTING LIGHTING IN PLACE AND OPERATIONAL DURING CONSTRUCTION UNTIL PROPOSED LIGHTING IS INSTALLED AND OPERATIONAL. MAINTAINING EXISTING LIGHTING SHALL BE PAID FOR UNDER "MAINTAIN EXISTING LIGHTING SYSTEM".

ABBREVIATIONS

A	AMPS
CKT	CIRCUIT
CNC	COILABLE NON-METALLIC CONDUIT
DIA	DIAMETER
FT	FOOT
FOC	FACE OF CURB
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HH	HAND HOLE
HPS	HIGH PRESSURE SODIUM
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL CONDUIT
ROW	RIGHT OF WAY
SS	STAINLESS STEEL
STA	STATION
V	VOLTS
W	WATTS
WR	WEATHER RESISTANT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES
MADISON STREET**

USER NAME = mthomas	DESIGNED GAH	REVISED -	
	DRAWN LRR	REVISED -	
PLOT SCALE = 1"	CHECKED AJD	REVISED -	
PLOT DATE = 12/9/2014	DATE =	REVISED -	

SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. --- TO STA. ---	F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 42
CONTRACT NO. 61A53						ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	DATE	
	NO.	

PROFILE	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	DATE	
	NO.	



VAN BUREN ST

CANADIAN NATIONAL R.R. (EX-S00 LINE)

PARK DR

FRANKLIN AV

JACKSON BLVD

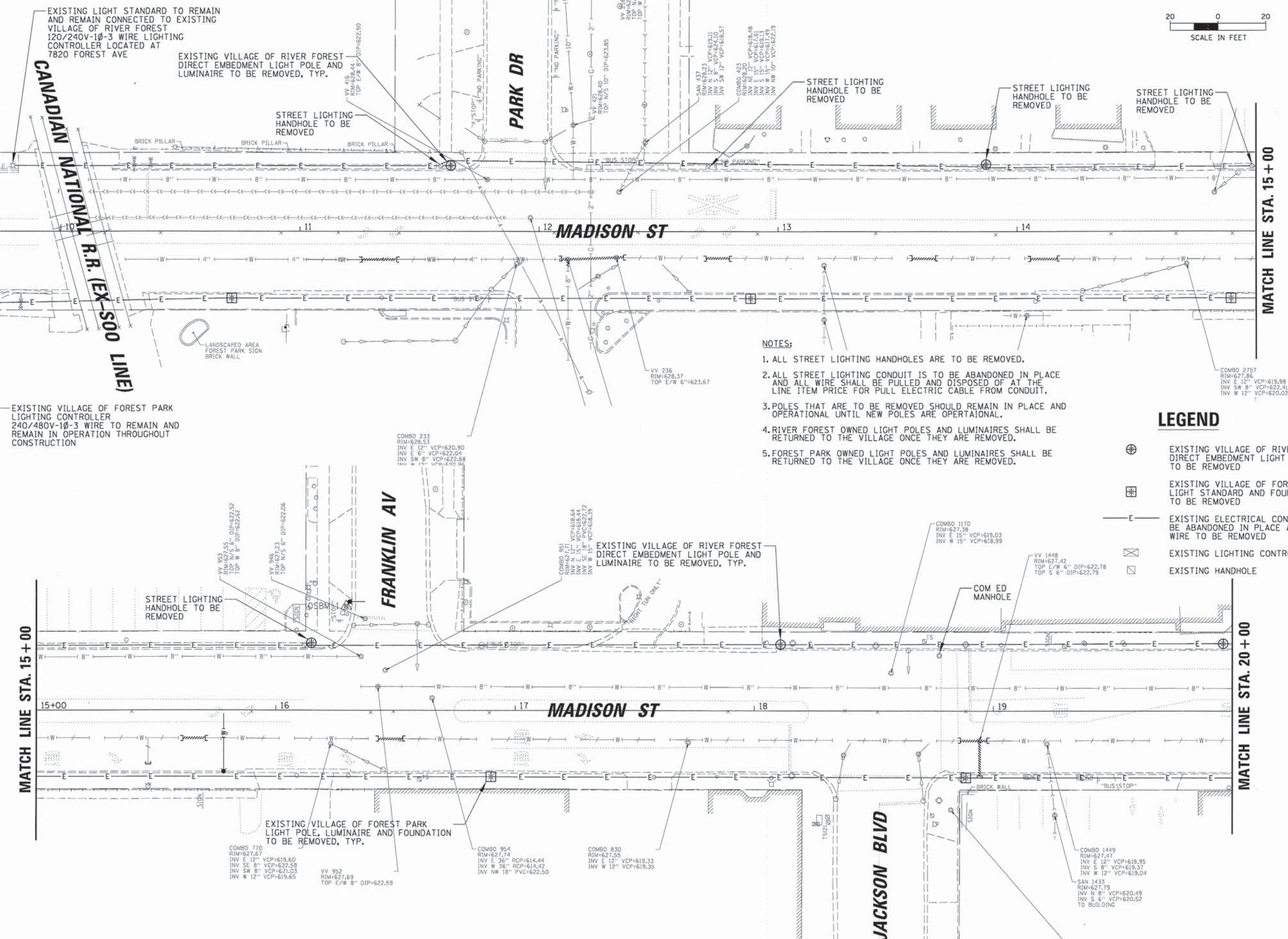
MADISON ST

MADISON ST

MATCH LINE STA. 15 + 00

MATCH LINE STA. 15 + 00

MATCH LINE STA. 20 + 00



NOTES:

1. ALL STREET LIGHTING HANDHOLES ARE TO BE REMOVED.
2. ALL STREET LIGHTING CONDUIT IS TO BE ABANDONED IN PLACE AND ALL WIRE SHALL BE PULLED AND DISPOSED OF AT THE LINE ITEM PRICE FOR PULL ELECTRIC CABLE FROM CONDUIT.
3. POLES THAT ARE TO BE REMOVED SHOULD REMAIN IN PLACE AND OPERATIONAL UNTIL NEW POLES ARE OPERATIONAL.
4. RIVER FOREST OWNED LIGHT POLES AND LUMINAIRES SHALL BE RETURNED TO THE VILLAGE ONCE THEY ARE REMOVED.
5. FOREST PARK OWNED LIGHT POLES AND LUMINAIRES SHALL BE RETURNED TO THE VILLAGE ONCE THEY ARE REMOVED.

LEGEND

- ⊕ EXISTING VILLAGE OF RIVER FOREST DIRECT EMBEDMENT LIGHT STANDARD TO BE REMOVED
- ⊕ EXISTING VILLAGE OF FOREST PARK LIGHT STANDARD AND FOUNDATION TO BE REMOVED
- E — EXISTING ELECTRICAL CONDUIT TO BE ABANDONED IN PLACE AND WIRE TO BE REMOVED
- ⊗ EXISTING LIGHTING CONTROLLER
- ⊠ EXISTING HANDHOLE

USER NAME = mthomas	DESIGNED GAH	REVISED -
PLLOT SCALE = 28"	DRAWN LRR	REVISED -
PLLOT DATE = 12/9/2014	CHECKED AJD	REVISED -
	DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING LIGHTING CONDITIONS AND REMOVAL PLAN - 1
MADISON STREET**

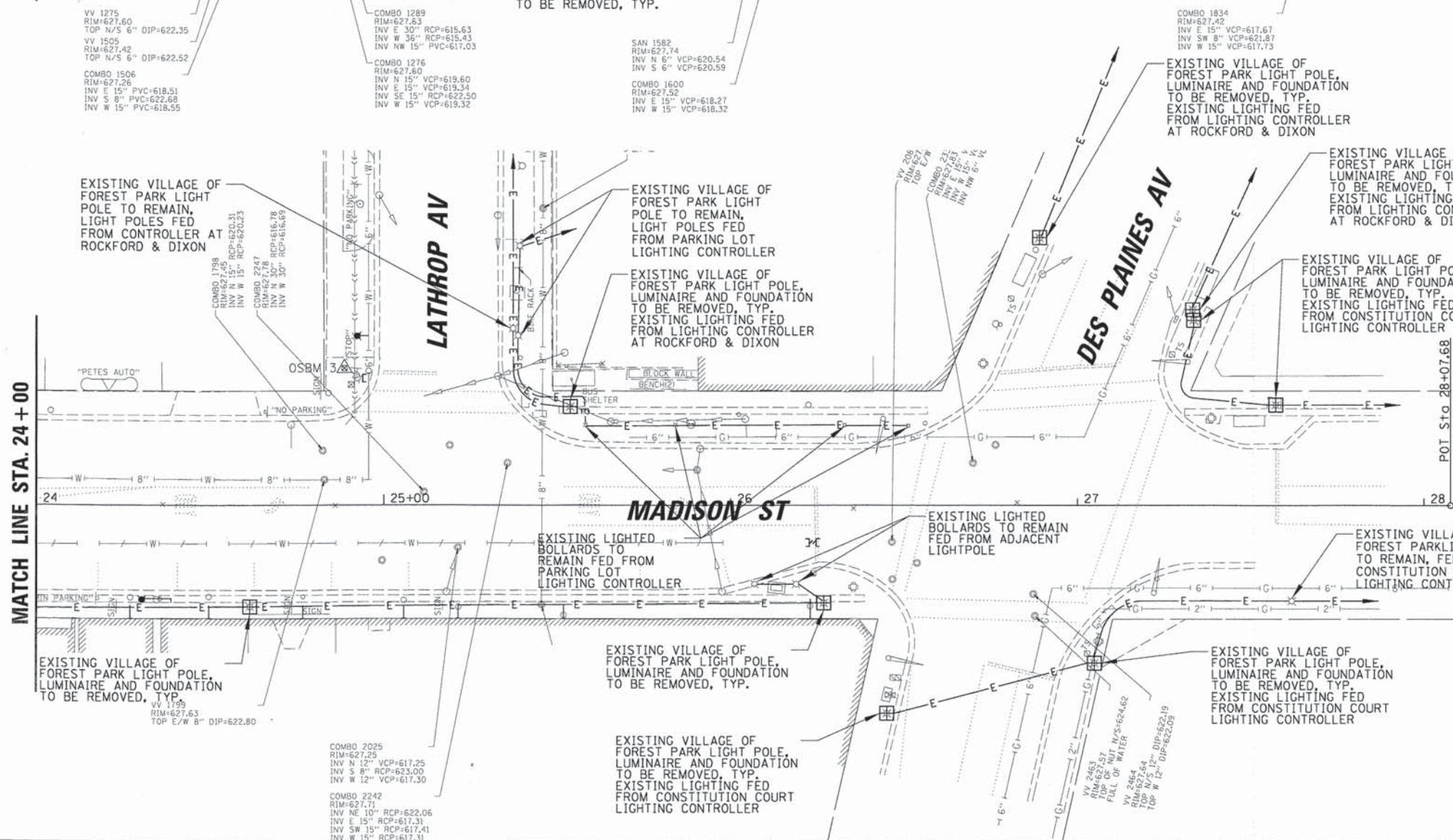
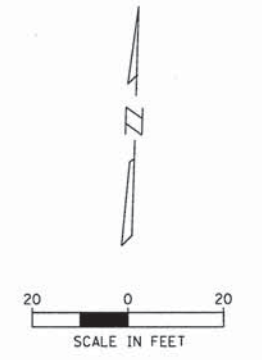
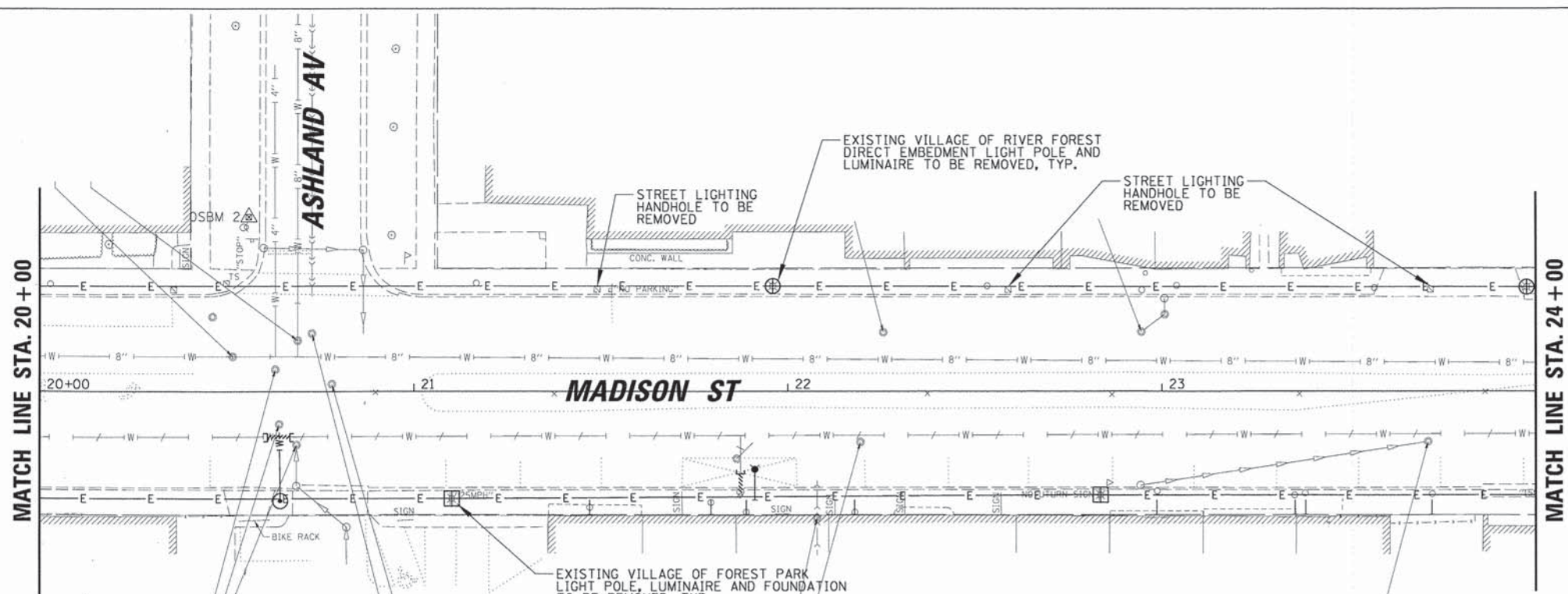
SCALE: 20' SHEET 1 OF 2 SHEETS STA. 10+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	43
CONTRACT NO. 61A53			ILLINOIS FED. AID PROJECT	

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

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



LEGEND

- ⊕ EXISTING VILLAGE OF RIVER FOREST DIRECT EMBEDMENT LIGHT STANDARD TO BE REMOVED
- ⊕ EXISTING VILLAGE OF FOREST PARK LIGHT STANDARD AND FOUNDATION TO BE REMOVED
- E— EXISTING ELECTRICAL CONDUIT TO BE ABANDONED IN PLACE AND WIRE TO BE REMOVED
- ⊠ EXISTING LIGHTING CONTROLLER
- ⊠ EXISTING HANDHOLE

NOTES:

1. ALL STREET LIGHTING HANDHOLES ARE TO BE REMOVED.
2. ALL STREET LIGHTING CONDUIT IS TO BE ABANDONED IN PLACE AND ALL WIRE SHALL BE PULLED OUT AND DISPOSED OF.
3. POLES THAT ARE TO BE REMOVED SHOULD REMAIN IN PLACE AND OPERATIONAL UNTIL NEW POLES ARE OPERATIONAL.
4. RIVER FOREST OWNED LIGHT POLES AND LUMINAIRES SHALL BE RETURNED TO THE VILLAGE ONCE THEY ARE REMOVED.
5. FOREST PARK OWNED LIGHT POLES AND LUMINAIRES SHALL BE RETURNED TO THE VILLAGE ONCE THEY ARE REMOVED.

USER NAME = mthomas	DESIGNED GAH	REVISED -
	DRAWN LRR	REVISED -
PLLOT SCALE = 20'	CHECKED AJD	REVISED -
PLLOT DATE = 12/9/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING LIGHTING CONDITIONS AND REMOVAL PLAN - 2
MADISON STREET**

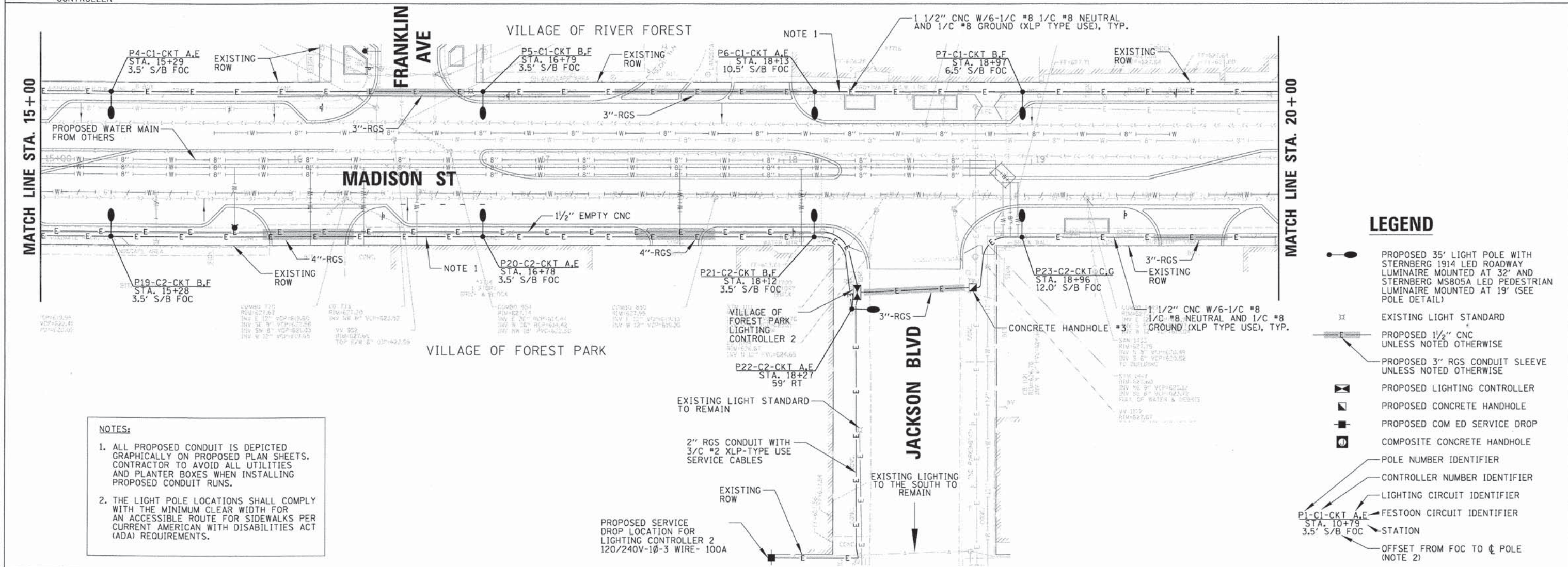
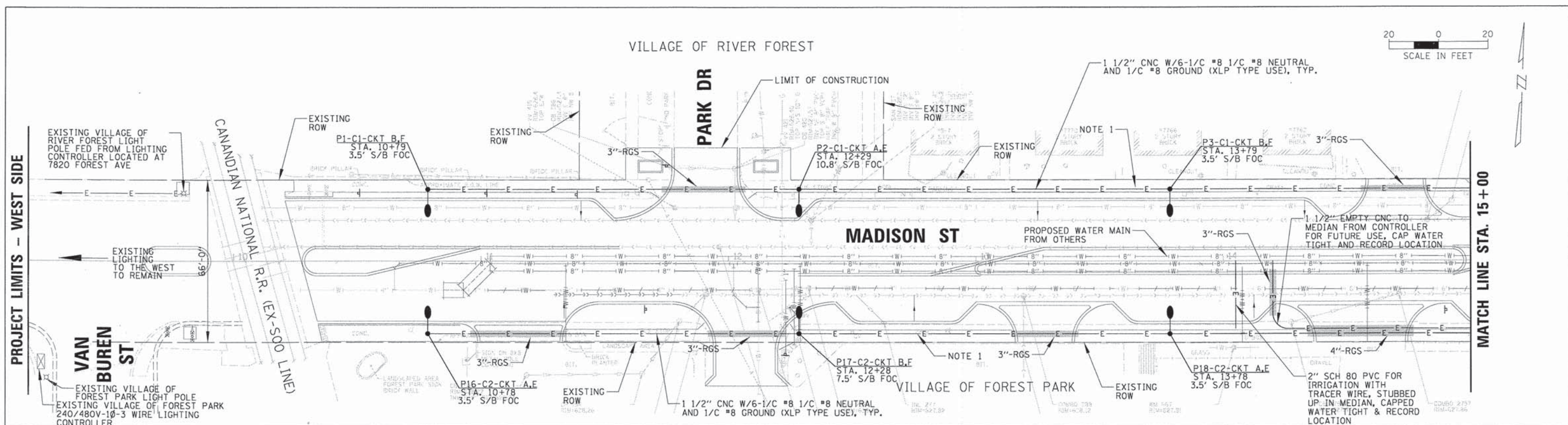
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	44
				CONTRACT NO. 61A53
[ILLINOIS] FED. AID PROJECT				

SCALE: 20' SHEET 2 OF 2 SHEETS STA. 20+00 TO STA. 28+07.68



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

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



LEGEND

- PROPOSED 35' LIGHT POLE WITH STERNBERG 1914 LED ROADWAY LUMINAIRE MOUNTED AT 32' AND STERNBERG MSB05A LED PEDESTRIAN LUMINAIRE MOUNTED AT 19' (SEE POLE DETAIL)
- EXISTING LIGHT STANDARD
- PROPOSED 1/2" CNC UNLESS NOTED OTHERWISE
- PROPOSED 3" RGS CONDUIT SLEEVE UNLESS NOTED OTHERWISE
- PROPOSED LIGHTING CONTROLLER
- PROPOSED CONCRETE HANDHOLE
- PROPOSED COM ED SERVICE DROP
- COMPOSITE CONCRETE HANDHOLE
- POLE NUMBER IDENTIFIER
- CONTROLLER NUMBER IDENTIFIER
- LIGHTING CIRCUIT IDENTIFIER
- FESTOON CIRCUIT IDENTIFIER
- STATION
- OFFSET FROM FOC TO C POLE (NOTE 2)

NOTES:

- ALL PROPOSED CONDUIT IS DEPICTED GRAPHICALLY ON PROPOSED PLAN SHEETS. CONTRACTOR TO AVOID ALL UTILITIES AND PLANTER BOXES WHEN INSTALLING PROPOSED CONDUIT RUNS.
- THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR AN ACCESSIBLE ROUTE FOR SIDEWALKS PER CURRENT AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN - 1
MADISON STREET

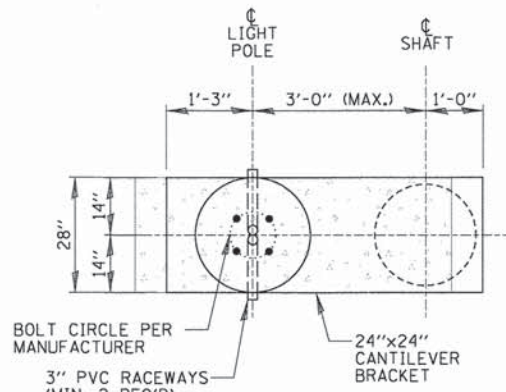
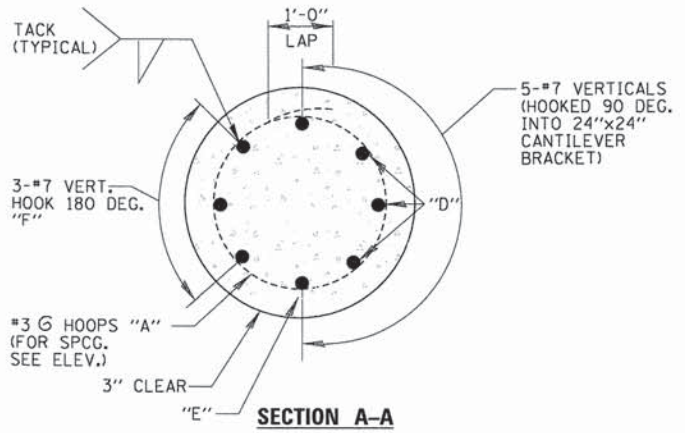
USER NAME = mthomas	DESIGNED GAH	REVISED -
DESIGNED LRR	REVISED -	
CHECKED AJD	REVISED -	
DATE - 12/9/2014	REVISED -	

SCALE: 20'	SHEET 1 OF 2 SHEETS	STA. 10+00 TO STA. 20+00
------------	---------------------	--------------------------

F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 45
CONTRACT NO. 61A53				ILLINOIS FED. AID PROJECT

DATE: _____
 BY: _____
 SURVEYED: _____
 ALIGNED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____
 ROAD FILE NAME: _____

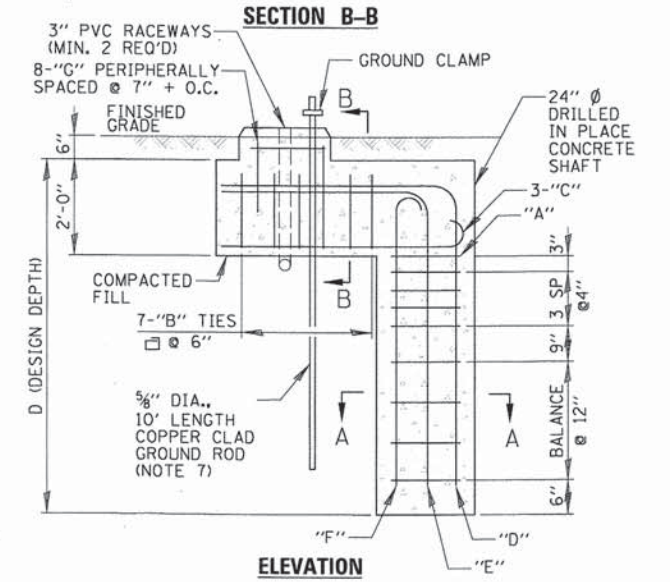
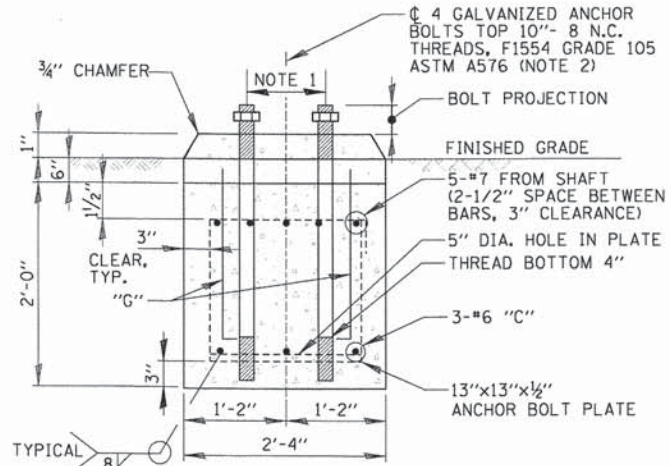
DATE: _____
 BY: _____
 SURVEYED: _____
 GRADES CHECKED: _____
 BEAM NOTED: _____
 STRUCTURE NOTATING OK: _____



FOUNDATION DESIGN TABLE	
TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION
SOFT CLAY	13'-0"
MEDIUM CLAY	9'-6"
STIFF CLAY	7'-0"
LOOSE SAND	9'-0"
MEDIUM SAND	8'-3"
DENSE SAND	7'-9"
ROCK OR SOLIDIFIED SLAG	5'-0"

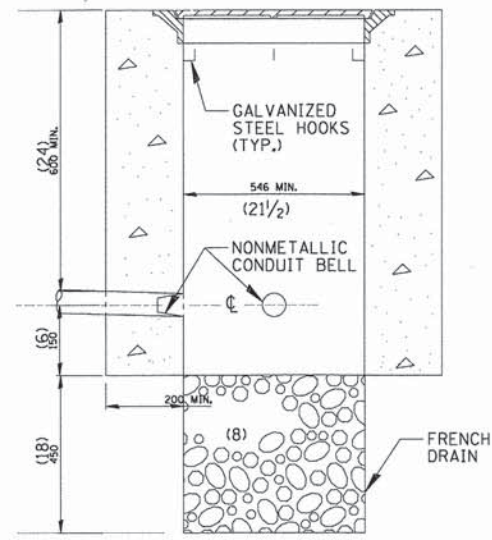
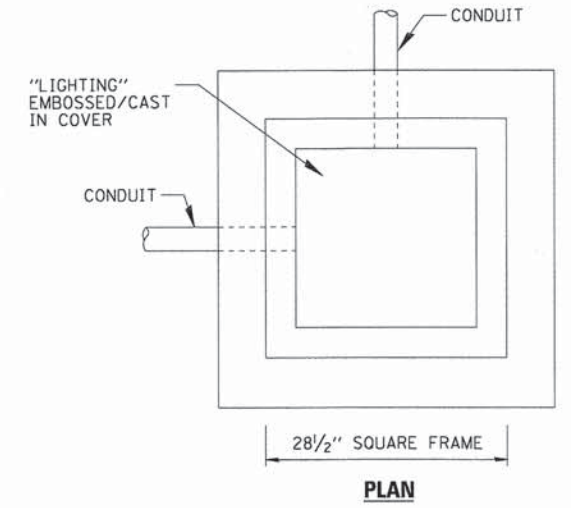
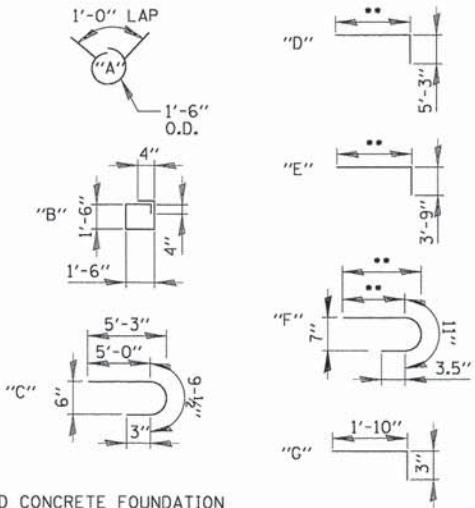
REINFORCEMENT TABLE				
QUAN.	MARK	SIZE	LENGTH	SHAPE
•	A	#3	5'-9"	○
7	B	#3	6'-8"	□
3	C	#6	6'-½"	⌒
3	D	#7	••	⌒
2	E	#7	••	⌒
3	F	#7	••	⌒
8	G	#6	2'-1"	⌒
REINFORCING BARS LBS.			285	
ANCHOR BOLTS NO.			4	
ANCHOR BOLT PLATE NO.			1	

- NOTES:
- BOLT SIZE & CIRCLE PER POLE MANUFACTURER.
 - THE TOP OF THE ANCHOR BOLTS SHALL NOT PROJECT MORE THAN 4" ABOVE A 60" CHORD ALIGNED RADIALLY TO THE CENTERLINE OF THE ROADWAY, AND CONNECTING ANY POINT, WITHIN THE LENGTH OF THE CHORD, ON THE GROUND SURFACE ON ONE SIDE OF THE SUPPORT TO A POINT ON THE GROUND SURFACE ON THE OTHER SIDE.
 - CONCRETE SHALL BE IDOT CLASS S1, WITH A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 14 DAYS.
 - HOLE FOR FOUNDATIONS SHALL BE AUGERED AND FOUNDATIONS SHALL BE VIBRATED IN ACCORDANCE WITH IDOT STANDARD PRACTICES.
 - REINFORCING BARS SHALL CONFORM TO BILLET STEEL BARS. (ASTM-A615) SPECIFICATIONS WITH A 6000 PSI MINIMUM YIELD STRENGTH.
 - CONTRACTOR SHALL FIELD VERIFY THE SOIL TYPE DURING CONSTRUCTION TO DETERMINE THE FOUNDATION DESIGN DEPTH BASED ON THE FOUNDATION DESIGN TABLE SHOWN ON THIS SHEET.
 - GROUND ROD SHALL BE CAST INTO CONCRETE FOUNDATION WITH 8 FEET IN CONTACT WITH SOIL.
 - ALL ITEMS SHOWN INCLUDING CONCRETE, REINFORCEMENT, GROUND ROD, RACEWAYS AND FORMWORK SHALL BE INCLUDED IN THE "LIGHT POLE FOUNDATION, 24" DIAMETER OFFSET" PAY ITEM.



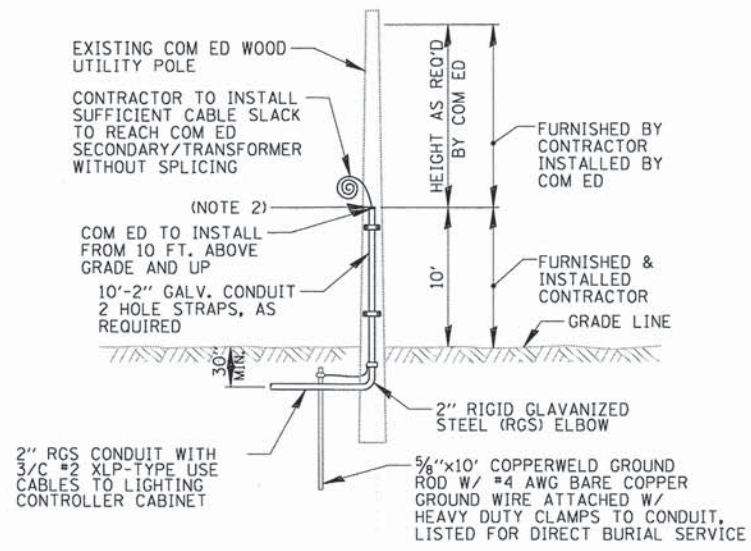
- NOTES:
- THE CONTRACTOR SHALL USE A STANDARD CONCRETE FOUNDATION WHERE EVER POSSIBLE. IF UTILITY CONFLICTS PROHIBIT THE USE OF A STANDARD FOUNDATION, THE CONTRACTOR SHALL CONSULT WITH ENGINEER PRIOR TO THE USE OF AN OFFSET FOUNDATION.

OFFSET CONCRETE FOUNDATION DETAIL
 N.T.S.



- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
 - FRAME AND COVER CAN BARE 64 KG (140 LBS.) MIN. LOAD

HANDHOLE
 N.T.S.



- NOTES:
- ALL WORK SHALL CONFORM TO COM ED'S BOOK OF "INFORMATION AND REQUIREMENTS FOR THE SUPPLY OF ELECTRIC SERVICE."
 - CONTRACTOR SHALL PROVIDE CONDUIT BUSHING AND SEALING COMPOUND AT TOP OF RISER.
 - ALL MATERIAL ABOVE (EXCEPT FOR POLE) SHALL BE INCLUDED IN THE PRICE BID FOR "ELECTRIC SERVICE INSTALLATION". THE HORIZONTAL SERVICE CONDUIT AND WIRING FROM POLE TO CONTROLLER SHALL BE PAID FOR SEPARATELY.

COM ED OVERHEAD CONNECTION POLE
 N.T.S.

USER NAME = mthojas	DESIGNED GAH	REVISED -
PLOT SCALE = 1"	DRAWN LRR	REVISED -
PLOT DATE = 12/9/2014	CHECKED AJD	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ELECTRICAL DETAILS - 2
 MADISON STREET

F.A.U. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 48
				CONTRACT NO. 61A53

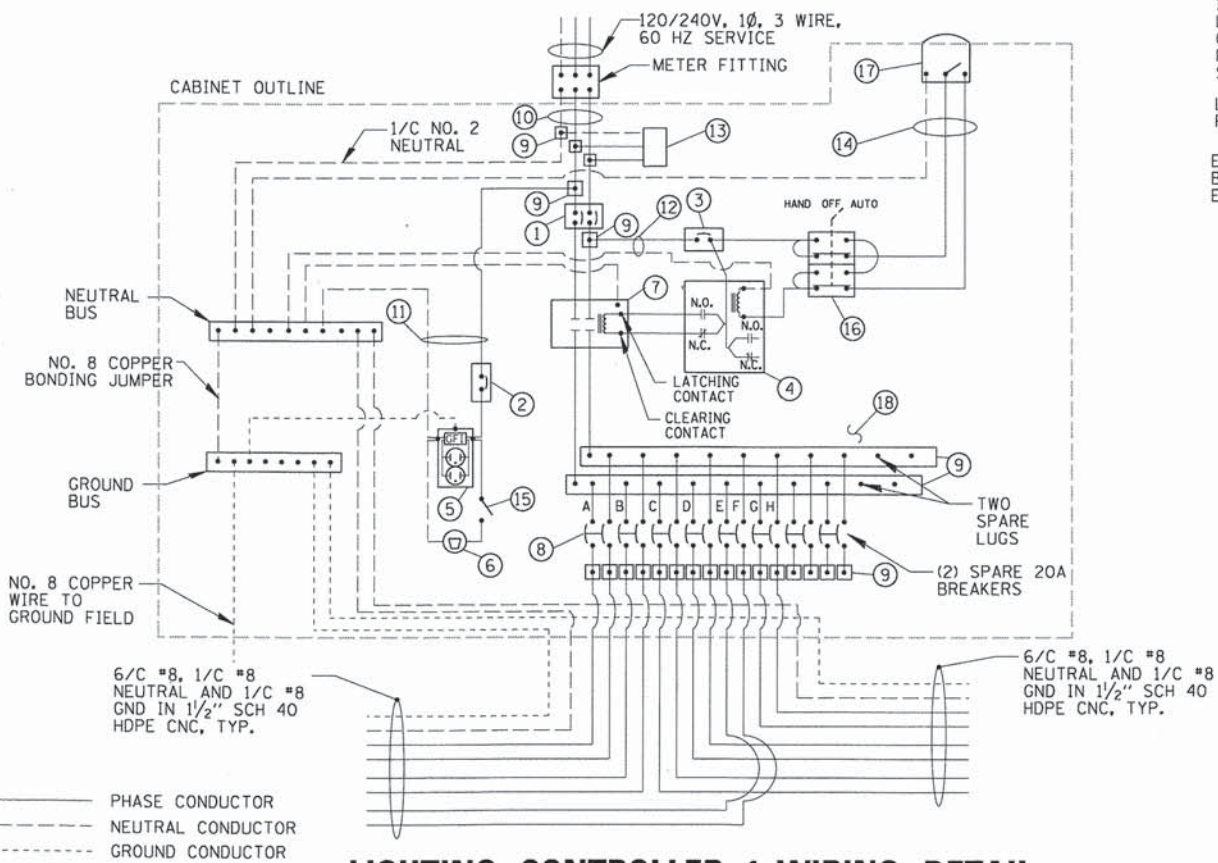
DATE: _____
 BY: _____
 SURVEYED _____
 CHECKED _____
 PLAN NO. _____
 NOTE BOOK NO. _____
 ADD FILE NAME _____

ITEM	SPECIFICATION
① MAIN CIRCUIT BREAKER	100 AMPERE, 2P, 240V SERVICE RATING, 10KAIC
② LAMPHOLDER CIRCUIT BREAKER	20 AMPERE, 1P, 120V RATING, 10KAIC
③ PHOTOELECTRIC CONTROL CIRCUIT BREAKER	15 AMPERE, 1P, 120V RATING, 10KAIC
④ AUXILIARY RELAY	120 V OPERATED DPDT 60 HZ COIL 2 NO & 2 NC CONTACTS
⑤ CABINET RECEPTACLE AND BOX	COMMERCIAL GRADE GFCI 20A/120V, MOUNTED IN A WEATHERPROOF CAST ALUMINUM SINGLE GANG BOX WITH WEATHERPROOF COVER
⑥ CABINET LIGHT AND BOX	120V WEATHERPROOF LAMPHOLDER MOUNTED IN A CAST ALUMINUM BOX & EXT. GRADE 100W LAMP
⑦ CONTACTOR	100 AMPERE, 2 POLE, 240 V COIL, MECH HELD
⑧ BRANCH LINE CIRCUIT BREAKERS	6-20 AMPERE, 2P, 240V RATING, 10KAIC (LITE CKTS) 2-20 AMPERE, 2P, 240V RATING, 10KAIC (FESTOON CKTS) 2-20 AMPERE, 2P, 240V RATING, 10KAIC (SPARE)
⑨ POWER DISTRIBUTION BLOCK	600 VOLT, INSULATED, SIZE AS REQUIRED
⑩ SERVICE CABLES	3-600V (XLP-TYPE USE) NO. 2
⑪ LAMPHOLDER WIRE	2-600V XLP NO. 12
⑫ CONTROL WIRE	2-600V XLP NO. 12
⑬ SURGE ARRESTOR	10 K AMPERE RATING
⑭ PHOTOELECTRIC CONTROL WIRE	3-600V XLP NO. 12
⑮ DOOR SWITCH	20A/120V, DOOR MOUNTED SNAP ACTION TYPE PLUNGER SWITCH
⑯ HAND-AUTO-OFF CONTROL SWITCH	20A, 3 POS. MTD IN CAST ALUM. ENCLOSURE
⑰ PHOTOCCELL	120V, MTD. ON CABINET, DELAY TYPE, SPST-NC
⑱ BACK PANEL	1/2" THICK SOLID PHENOLIC LAMINATE

NOTES:

- ALL ITEMS LISTED IN LIGHTING CONTROLLER COMPONENT SCHEDULE SHALL BE CONSIDERED INCIDENTAL TO THE PRICE BID FOR "LIGHTING CONTROLLER" INCLUDING CABINET AND FOUNDATION.
- THE LIGHTING CONTROLLER TOGETHER WITH ALL OF ITS COMPONENTS SHALL BE UL LISTED AS AN "ENCLOSED INDUSTRIAL CONTROL PANEL" UNDER UL508A.
- CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT BREAKER SHALL NOT BE "DOUBLE LUGGED."

LIGHTING CONTROLLER 1 COMPONENT SCHEDULE



LIGHTING CONTROLLER 1 WIRING DETAIL

N.T.S.

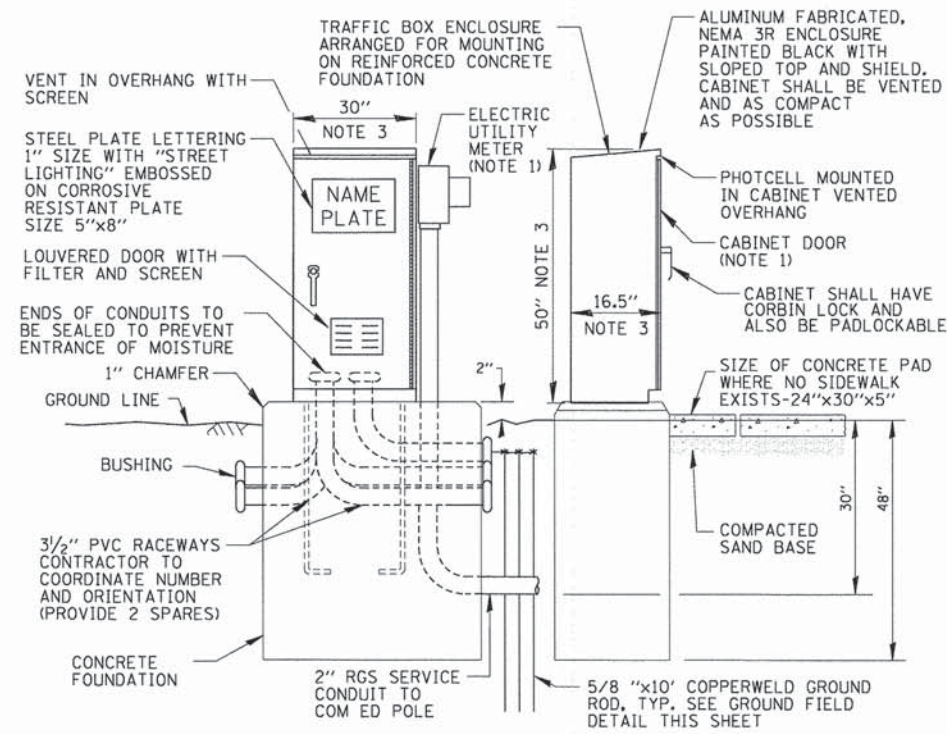
— PHASE CONDUCTOR
 - - - NEUTRAL CONDUCTOR
 ····· GROUND CONDUCTOR

CABLE COLOR	CIRCUIT ID	CIRCUIT BREAKER	185W LED ROADWAY LUMINAIRE		34W LED PEDESTRIAN LUMINAIRE		180W FESTOON RECEPTACLES		TOTAL CIRCUIT LOAD	
			QTY.	LOAD/FIXT. (WATTS)	QTY.	LOAD/POLE	QTY.	LOAD/POLE	(WATTS)	AMPS (VOLTS)
RED, BLACK	A	20A-2P	4	185 W	4	34 W	-	-	876 W	3.6A (240V)
BLUE, ORANGE	B	20A-2P	4	185 W	4	34 W	-	-	876 W	3.6A (240V)
RED, BLACK	C	20A-2P	2	185 W	2	34 W	-	-	438 W	1.8A (240V)
BLUE, ORANGE	D	20A-2P	1	185 W	1	34 W	-	-	219 W	0.9A (240V)
YELLOW	E	20A-2P (NOTE 1)	-	-	-	-	4	180 W	720 W	6.0A (120V)
BROWN	F		-	-	-	-	4	180 W	720 W	6.0A (120V)
YELLOW	G	20A-2P (NOTE 1)	-	-	-	-	2	180 W	360 W	3.0A (120V)
BROWN	H		-	-	-	-	1	180 W	180 W	1.5A (120V)
TOTAL			11	N/A	11	N/A	11	N/A	4,389 W	18.2A (240V)

NOTES:

- FESTOON RECEPTACLES ARE ON A CIRCUIT WITH A SHARED NEUTRAL.

**PROPOSED LIGHTING/ELECTRICAL CIRCUIT LOADS
 LIGHTING CONTROLLER 1**

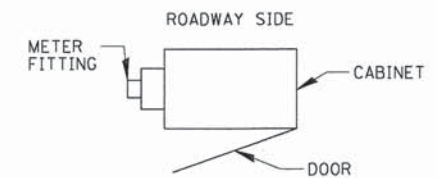


NOTES:

- ALL ITEMS SHOWN ABOVE (INCLUDING FOUNDATION & GROUND FIELD) SHALL BE INCLUDED IN THE PRICE BID FOR "LIGHTING CONTROLLER", EXCEPT FOR THE SERVICE CONDUIT/WIRE WHICH WILL BE PAID FOR SEPARATELY.
- CABINET DIMENSIONS SHOWN ARE APPROXIMATE, CABINET SHALL BE AS COMPACT AS POSSIBLE, CONTRACTOR TO COORDINATE.

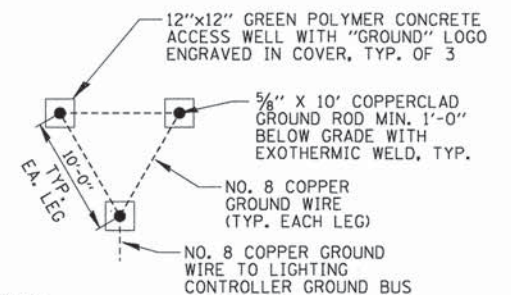
**PROPOSED LIGHTING CONTROLLER 1
 CABINET AND FOUNDATION**

N.T.S.



**CABINET METER FITTING
 & DOOR ORIENTATION**

N.T.S.



NOTES:

- ACCESS WELLS SHALL BE INCLUDED IN THE LIGHTING CONTROLLER PAY ITEM.

GROUND FIELD DETAIL (TYP.)

N.T.S.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ELECTRICAL DETAILS - 4
 MADISON STREET

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	50

CONTRACT NO. 61A53
 ILLINOIS FED. AID PROJECT

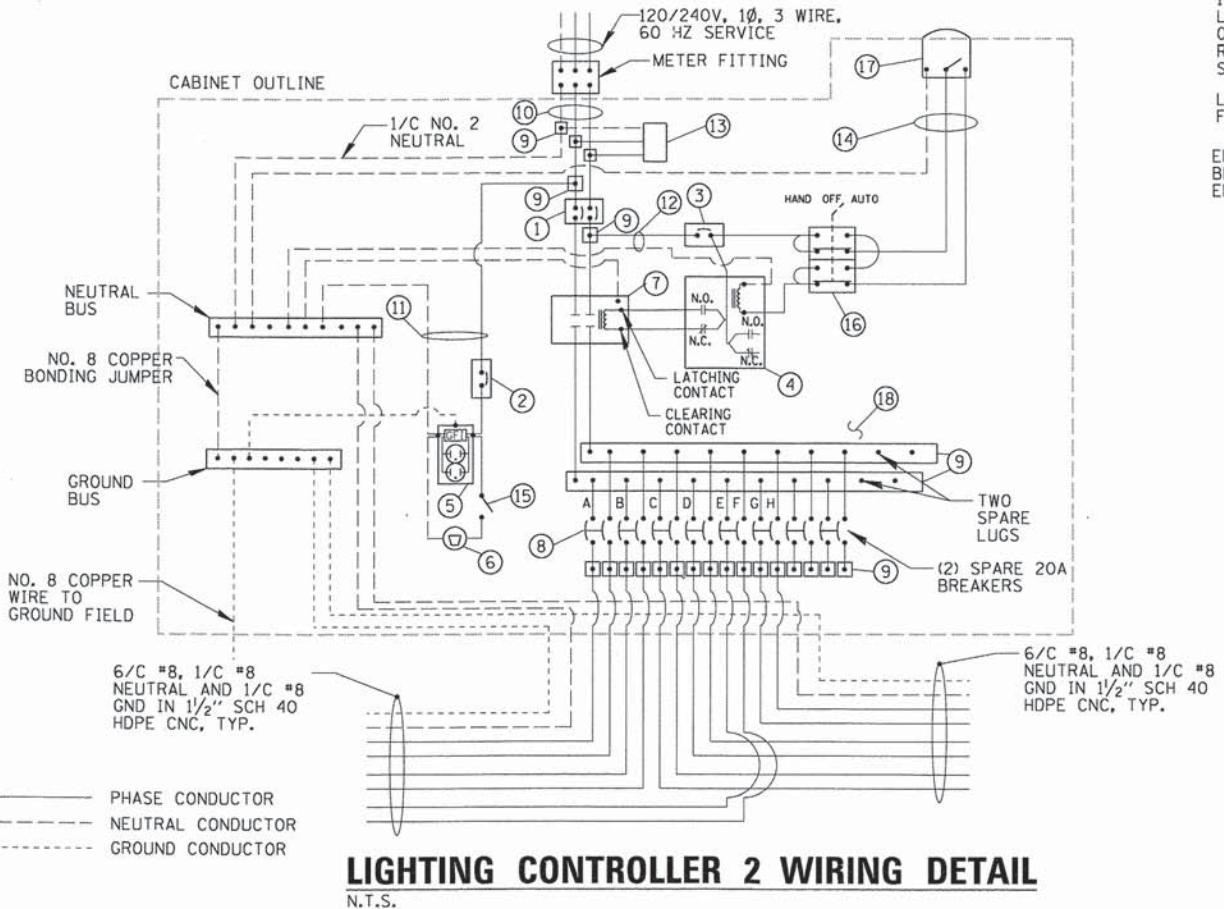
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
1	
2	
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18	

ITEM	SPECIFICATION
① MAIN CIRCUIT BREAKER	100 AMPERE, 2P, 240V SERVICE RATING, 10KAIC
② LAMPHOLDER CIRCUIT BREAKER	20 AMPERE, 1P, 120V RATING, 10KAIC
③ PHOTOELECTRIC CONTROL CIRCUIT BREAKER	15 AMPERE, 1P, 120V RATING, 10KAIC
④ AUXILIARY RELAY	120 V OPERATED DPDT 60 HZ COIL 2 NO & 2 NC CONTACTS
⑤ CABINET RECEPTACLE AND BOX	COMMERCIAL GRADE GFCI 20A/120V, MOUNTED IN A WEATHERPROOF CAST ALUMINUM SINGLE GANG BOX WITH WEATHERPROOF COVER
⑥ CABINET LIGHT AND BOX	120V WEATHERPROOF LAMPHOLDER MOUNTED IN A CAST ALUMINUM BOX & EXT. GRADE 100W LAMP
⑦ CONTACTOR	100 AMPERE, 2 POLE, 240 V COIL, MECH HELD
⑧ BRANCH LINE CIRCUIT BREAKERS	6-20 AMPERE, 2P, 240V RATING, 10KAIC (LITE CKTS) 2-20 AMPERE, 2P, 240V RATING, 10KAIC (FESTOON CKTS) 2-20 AMPERE, 2P, 240V RATING, 10KAIC (SPARE)
⑨ POWER DISTRIBUTION BLOCK	600 VOLT, INSULATED, SIZE AS REQUIRED
⑩ SERVICE CABLES	3-600V (XLP-TYPE USE) NO. 2
⑪ LAMPHOLDER WIRE	2-600V XLP NO. 12
⑫ CONTROL WIRE	2-600V XLP NO. 12
⑬ SURGE ARRESTOR	10 K AMPERE RATING
⑭ PHOTOELECTRIC CONTROL WIRE	3-600V XLP NO. 12
⑮ DOOR SWITCH	20A/120V, DOOR MOUNTED SNAP ACTION TYPE PLUNGER SWITCH
⑯ HAND-AUTO-OFF CONTROL SWITCH	20A, 3 POS. MTD IN CAST ALUM. ENCLOSURE
⑰ PHOTOCCELL	120V, MTD. ON CABINET, DELAY TYPE, SPST-NC
⑱ BACK PANEL	1/2" THICK SOLID PHENOLIC LAMINATE

NOTES:

- ALL ITEMS LISTED IN LIGHTING CONTROLLER COMPONENT SCHEDULE SHALL BE CONSIDERED INCIDENTAL TO THE PRICE BID FOR "LIGHTING CONTROLLER" INCLUDING CABINET AND FOUNDATION.
- THE LIGHTING CONTROLLER TOGETHER WITH ALL OF ITS COMPONENTS SHALL BE UL LISTED AS AN "ENCLOSED INDUSTRIAL CONTROL PANEL" UNDER UL508A.
- CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT BREAKER SHALL NOT BE "DOUBLE LUGGED."

LIGHTING CONTROLLER 2 COMPONENT SCHEDULE



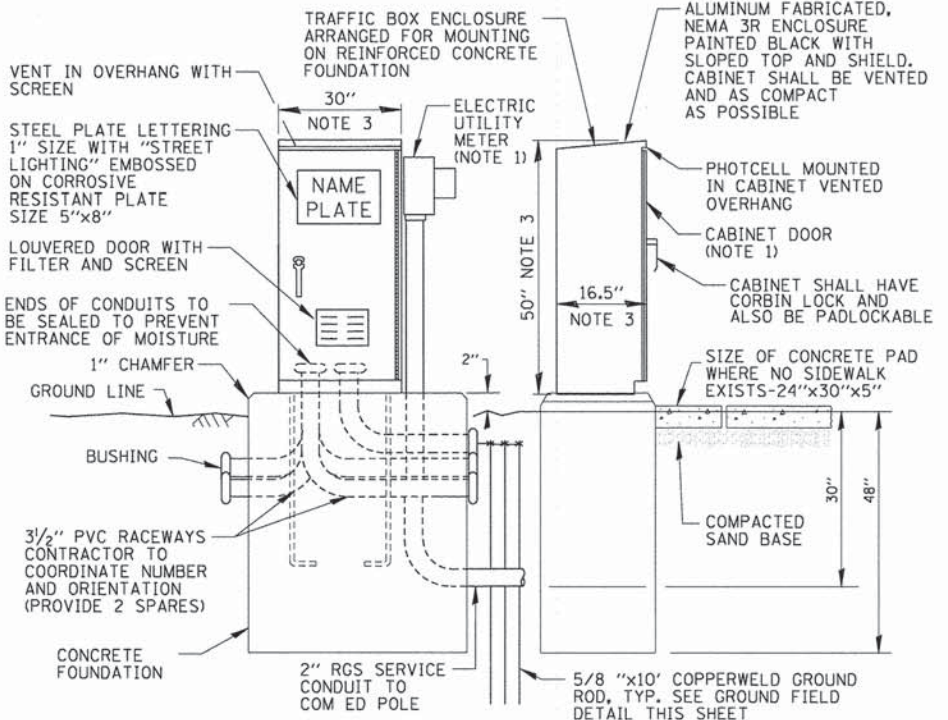
LIGHTING CONTROLLER 2 WIRING DETAIL
N.T.S.

CABLE COLOR	CIRCUIT ID	CIRCUIT BREAKER	185W LED ROADWAY LUMINAIRE		34W LED PEDESTRIAN LUMINAIRE		50W MH EXISTING BOLLARD		180W FESTOON RECEPTACLES		TOTAL CIRCUIT LOAD	
			QTY.	LOAD/FIXT. (WATTS)	QTY.	LOAD/POLE	QTY.	LOAD/POLE	QTY.	LOAD/POLE	(WATTS)	AMPS (VOLTS)
RED, BLACK	A	20A-2P	4	185 W	4	34 W	-	-	-	-	876 W	3.6A (240V)
BLUE, ORANGE	B	20A-2P	3	185 W	3	34 W	-	-	-	-	657 W	2.7A (240V)
RED, BLACK	C	20A-2P	7	185 W	7	34 W	-	-	-	-	1,533 W	6.3A (240V)
BLUE, ORANGE	D	20A-2P	6	185 W	6	34 W	2	64 W	-	-	1,442 W	6.0A (240V)
YELLOW	E	20A-2P (NOTE 1)	-	-	-	-	-	4	180 W	720 W	6.0A (120V)	
BROWN	F		-	-	-	-	-	3	180 W	540 W	4.5A (120V)	
YELLOW	G	20A-2P (NOTE 1)	-	-	-	-	-	7	180 W	1260 W	10.5A (120V)	
BROWN	H		-	-	-	-	-	6	180 W	1080 W	9.0A (120V)	
TOTAL			20	N/A	20	N/A	2	N/A	20	N/A	8,108 W	33.7A (240V)

NOTES:

- FESTOON RECEPTACLES ARE ON A CIRCUIT WITH A SHARED NEUTRAL.

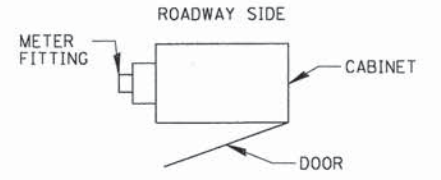
PROPOSED LIGHTING/ELECTRICAL CIRCUIT LOADS
LIGHTING CONTROLLER 2



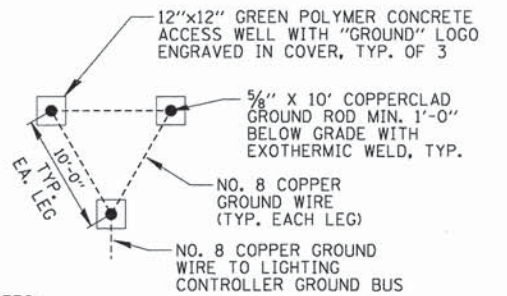
NOTES:

- ALL ITEMS SHOWN ABOVE (INCLUDING FOUNDATION & GROUND FIELD) SHALL BE INCLUDED IN THE PRICE BID FOR "LIGHTING CONTROLLER", EXCEPT FOR THE SERVICE CONDUIT/WIRE WHICH WILL BE PAID FOR SEPARATELY.
- CABINET DIMENSIONS SHOWN ARE APPROXIMATE, CABINET SHALL BE AS COMPACT AS POSSIBLE, CONTRACTOR TO COORDINATE.

PROPOSED LIGHTING CONTROLLER 2
CABINET AND FOUNDATION
N.T.S.



CABINET METER FITTING & DOOR ORIENTATION
N.T.S.



NOTES:

- ACCESS WELLS SHALL BE INCLUDED IN THE LIGHTING CONTROLLER PAY ITEM.

GROUND FIELD DETAIL (TYP.)
N.T.S.

DATE: _____ BY: _____
 SURVEYED _____
 ALIGNMENT CHECKED _____
 NOTE BOOK _____
 INT. OF WAY CHECKED _____
 NO. _____
 STRUCTURE NOTATIONS CHECKED _____

Gerald A. Hennelly

From: Gerald A. Hennelly <ghennelly@cbbel.com>
Sent: Tuesday, January 28, 2014 11:23 AM
To: 'fernando.flores@comed.com'
Subject: Madison St. Street Lighting Electric Services
Attachments: com ed srv madison.pdf

Fernando,

Thank you for taking the time to meet with Mr. Lewis Reynolds of my Department on Friday January 24th 2014 to discuss the proposed service entrance Locations for the proposed lighting systems. This is just to confirm that the locations shown on the attached plans were agreed to by yourself and Mr. Reynolds for providing service to each of the proposed lighting controllers.

Thanks,

Gerry

Gerald A. Hennelly
 Senior Project Manager
 Christopher B. Burke Engineering, Ltd.
 9575 W. Higgins Road, Suite 600 Rosemont, IL 60018
 Phone: (847) 823-0500 Fax: (847) 939-5214 Cell: (847) 980-3691
 E-Mail: ghennelly@cbbel.com

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed and should not be opened, read or utilized by any other party. This message shall not be construed as official project information or as a direction except as expressly provided in the contract document. Its contents (including any attachments) may contain confidential and/or privileged information. If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents. If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy this message.

COMED CONTACT: FERNANDO FLORES
 708-410-5313
 FERNANDO.FLORES@COMED.COM

COM ED CORRESPONDENCE

DATE: _____ BY: _____
 SURVEYED _____
 GRADINGS CHECKED _____
 NOTE BOOK _____
 INT. NOTED _____
 NO. _____
 STRUCTURE NOTATIONS CHECKED _____

USER NAME = mthomas
 PLOT SCALE = 1"
 PLOT DATE = 12/9/2014

DESIGNED GAH
 DRAWN LRR
 CHECKED AJD
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ELECTRIC SERVICE COORDINATION "FOR INFORMATION ONLY"
 MADISON STREET**

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	52
				CONTRACT NO. 61A53
[ILLINOIS] FED. AID PROJECT				



**Service and Meter Application
 Switch and Load Information Sheet**

Please complete a separate sheet for each switch - existing or new:

Project Name: MADISON ST. STREETSCAPE LIGHTING
 Site Address: 7595 W. MADISON STREET
 Switch Name and Location: CONTROLLER #1

Service Voltage (check one):
 120/240V 1-phase, 3-wire
 120/240V 1-phase, 4-wire
 120/208V 3-phase, 4-wire
 Other:
 277/480V 3-phase, 4-wire
 480V 3-phase 3-wire (8-phase Grounded)
 480V 3-phase 3-wire (Ungrounded - requires ground detection equip.)

Other Items (check all that apply):
 New Construction Sq. Ft. Underground Service
 Building Addition Sq. Ft. Overhead Service
 Relocating Existing Service Entrance Commercial - No. of units Sq. Ft.
 Hi-Rise/ Vault Service Residential - No. of units Sq. Ft.

Date of Ground Breaking (est.): JULY, 2014 Date to Final Grade (est.): November 2014
 Date to Energize: November 2014 Hours of Operation Per Day: 8 12 16 24

Switch Size (amps): 100 (If switchgear is 1,200 Amps or larger, customer must submit drawings for ComEd approval)
 Switch Rating (percentage): 80
 Secondary Conductors: 1 Sets of 3 /C 2 CU or AL (Type)

Total Connected Load Information:			Connected Load:	
Description	Quantity	Size	1-phase	3-phase
Lighting: ROADWAY LIGHTING			SKW	
VAC:				
Receptacle:				
Process Heat:				
Water Heat:				
Space Heat:				
Welders**:				
TOTAL LOAD:			SKW	

*Motor Load Detail included above:									
Description	Quantity	Size (HP)	Efficiency Rating	Phase / Voltage	Mon. Code	Starts Per Hr. or Day	Starting Amps	Use	

**Welder Detail included above:									
Description	Quantity	Size (KVA)	Type	Max. Int. Demand	P.F. at Peak	Welds Per Minute	Cycles Per Weld	Hours Per Day Use	

LIGHTING CONTROLLER #1 (RIVER FOREST) SERVICE APPLICATION



**Service and Meter Application
 Project Information Sheet**

Project Name: MADISON ST. STREETSCAPE LIGHTING
 Site Address: 7595 W. MADISON STREET City: RIVER FOREST Zip: 60305

Total Number of Service Entrance Locations (meters/switches) Requested: 1
 Legal Name of Entity (Electric Consumer): VILLAGE OF RIVER FOREST
 Corporation Partnership Sole Proprietor Other: MUNICIPALITY
 Tax I.D.: 36-2890404 Existing Account Number: 2369006058

Principle(s) to Sign Contracts For Service, Easements, Etc.:
 Property Owner: VILLAGE OF RIVER FOREST Phone: 7083668500
 Building Owner: Phone:
 Building Manager: ERIC PALM Phone:

Mailing Address For Contracts: Company: Christopher B. Burke Engineering Phone: 847-823-0500 Fax: 847-939-5214
 Address: 9575 W. Higgins Rd. City: Rosemont Zip: 60018

Mailing Address For Electric Bills: Company: VILLAGE OF RIVER FOREST Phone: 7083668500 Fax:
 Address: 400 PARK AVE. City: RIVER FOREST Zip: 60305

Project Contacts: Consulting Engineer: Gerry Hennelly E-mail: ghennelly@cbbel.com
 Firm Name: Christopher B. Burke Engineering Phone: 847-823-0500 Fax: 847-939-5214
 Address: 9575 W. Higgins Rd. City: Rosemont Zip: 60018

Electrical Contractor: Consulting Engineer: E-mail:
 Firm Name: Phone: Fax:
 Address: City: Zip:

Other: Consulting Engineer: E-mail:
 Firm Name: Phone: Fax:
 Address: City: Zip:

The Following Documents May Be Required:
 1. Plat of Survey with legal description of property (for easement, if required)
 2. Site Plan showing building relative to property lines - mark service entrance location(s)
 3. Civil drawings (showing water, sewer, gas, phone, electric, pavement, grading, etc.)
 4. Complete electrical drawings and/or load detail sheets

Information Provided By:
 Print Name:
 Signature:
 Date:



**Service and Meter Application
 Switch and Load Information Sheet**

Please complete a separate sheet for each switch - existing or new:

Project Name: MADISON ST. STREETSCAPE LIGHTING
 Site Address: 7702 W. MADISON STREET
 Switch Name and Location: CONTROLLER #2

Service Voltage (check one):
 120/240V 1-phase, 3-wire
 120/240V 1-phase, 4-wire
 120/208V 3-phase, 4-wire
 Other:
 277/480V 3-phase, 4-wire
 480V 3-phase 3-wire (8-phase Grounded)
 480V 3-phase 3-wire (Ungrounded - requires ground detection equip.)

Other Items (check all that apply):
 New Construction Sq. Ft. Underground Service
 Building Addition Sq. Ft. Overhead Service
 Relocating Existing Service Entrance Commercial - No. of units Sq. Ft.
 Hi-Rise/ Vault Service Residential - No. of units Sq. Ft.

Date of Ground Breaking (est.): JULY, 2014 Date to Final Grade (est.): November 2014
 Date to Energize: November 2014 Hours of Operation Per Day: 8 12 16 24

Switch Size (amps): 100 (If switchgear is 1,200 Amps or larger, customer must submit drawings for ComEd approval)
 Switch Rating (percentage): 80
 Secondary Conductors: 1 Sets of 3 /C 2 CU or AL (Type)

Total Connected Load Information:			Connected Load:	
Description	Quantity	Size	1-phase	3-phase
Lighting: ROADWAY LIGHTING			SKW	
VAC:				
Receptacle:				
Process Heat:				
Water Heat:				
Space Heat:				
Welders**:				
TOTAL LOAD:			SKW	

*Motor Load Detail included above:									
Description	Quantity	Size (HP)	Efficiency Rating	Phase / Voltage	Mon. Code	Starts Per Hr. or Day	Starting Amps	Use	

**Welder Detail included above:									
Description	Quantity	Size (KVA)	Type	Max. Int. Demand	P.F. at Peak	Welds Per Minute	Cycles Per Weld	Hours Per Day Use	

LIGHTING CONTROLLER #2 (FOREST PARK) SERVICE APPLICATION



**Service and Meter Application
 Project Information Sheet**

Project Name: MADISON ST. STREETSCAPE LIGHTING
 Site Address: 7702 W. MADISON STREET City: FOREST PARK Zip: 60130

Total Number of Service Entrance Locations (meters/switches) Requested: 1
 Legal Name of Entity (Electric Consumer): VILLAGE OF FOREST PARK
 Corporation Partnership Sole Proprietor Other: MUNICIPALITY
 Tax I.D.: 36-6005875 Existing Account Number: 6667039238

Principle(s) to Sign Contracts For Service, Easements, Etc.:
 Property Owner: VILLAGE OF FOREST PARK Phone: 7086156200
 Building Owner: Phone:
 Building Manager: TIM GILIAN Phone:

Mailing Address For Contracts: Company: Christopher B. Burke Engineering Phone: 847-823-0500 Fax: 847-939-5214
 Address: 9575 W. Higgins Rd. City: Rosemont Zip: 60018

Mailing Address For Electric Bills: Company: VILLAGE OF FOREST PARK Phone: 7086156200 Fax:
 Address: 517 DES PLAINES AVE. City: FOREST PARK Zip: 60130

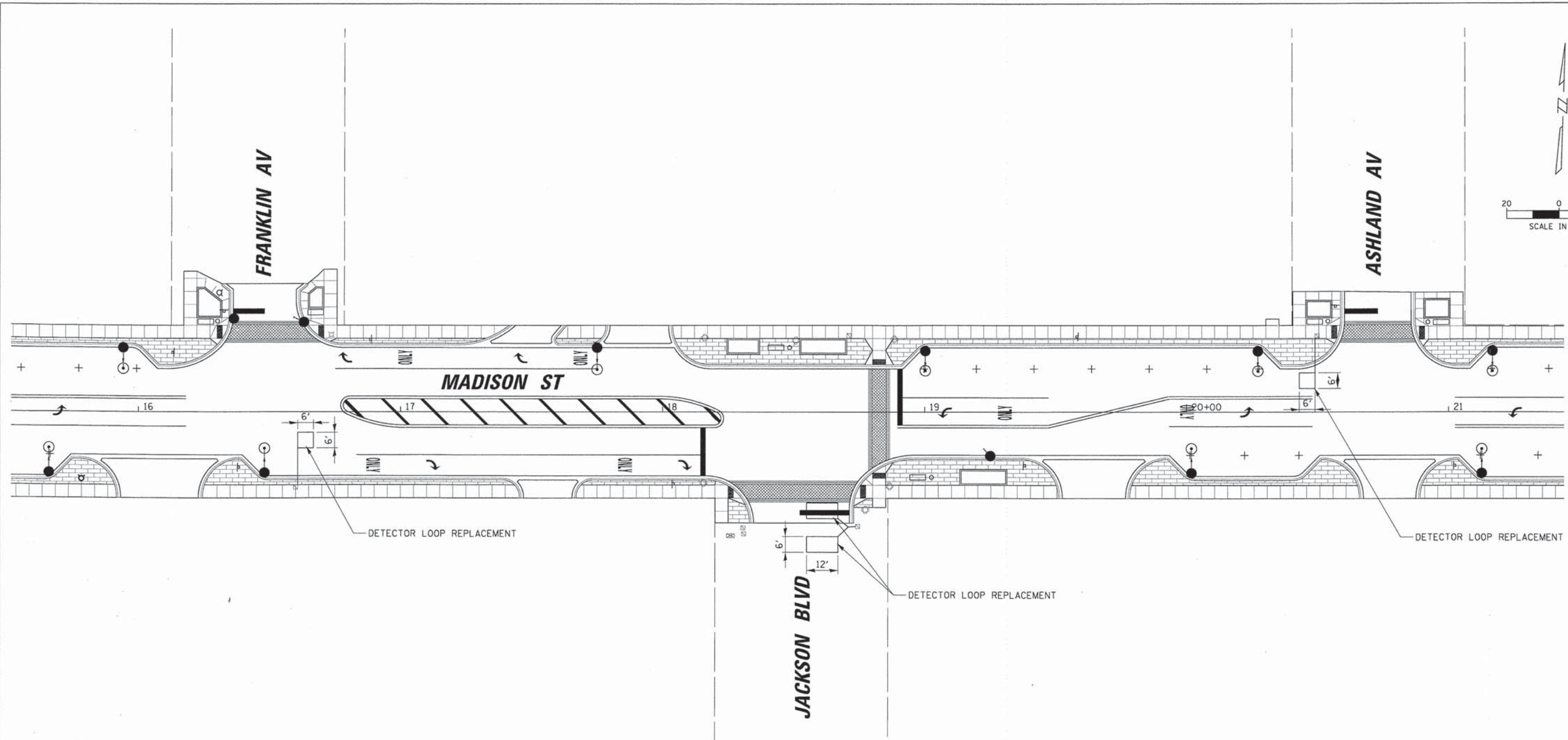
Project Contacts: Consulting Engineer: Gerry Hennelly E-mail: ghennelly@cbbel.com
 Firm Name: Christopher B. Burke Engineering Phone: 847-823-0500 Fax: 847-939-5214
 Address: 9575 W. Higgins Rd. City: Rosemont Zip: 60018

Electrical Contractor: Consulting Engineer: E-mail:
 Firm Name: Phone: Fax:
 Address: City: Zip:

Other: Consulting Engineer: E-mail:
 Firm Name: Phone: Fax:
 Address: City: Zip:

The Following Documents May Be Required:
 1. Plat of Survey with legal description of property (for easement, if required)
 2. Site Plan showing building relative to property lines - mark service entrance location(s)
 3. Civil drawings (showing water, sewer, gas, phone, electric, pavement, grading, etc.)
 4. Complete electrical drawings and/or load detail sheets

Information Provided By:
 Print Name:
 Signature:
 Date:



CODE NO.	QUANTITY	UNIT	ITEM
86600600	170	FOOT	DETECTOR LOOP REPLACEMENT

CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = mthomas	DESIGNED JJA	REVISED -
	PLOT SCALE = 20'	DRAWN PDR	REVISED -
	PLOT DATE = 12/9/2014	CHECKED LMF	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP PLAN
MADISON STREET
 SCALE: 20' SHEET 1 OF 2 STA. 15+50 TO STA. 21+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	53
				CONTRACT NO. 61A53
ILLINOIS FED. AID PROJECT				

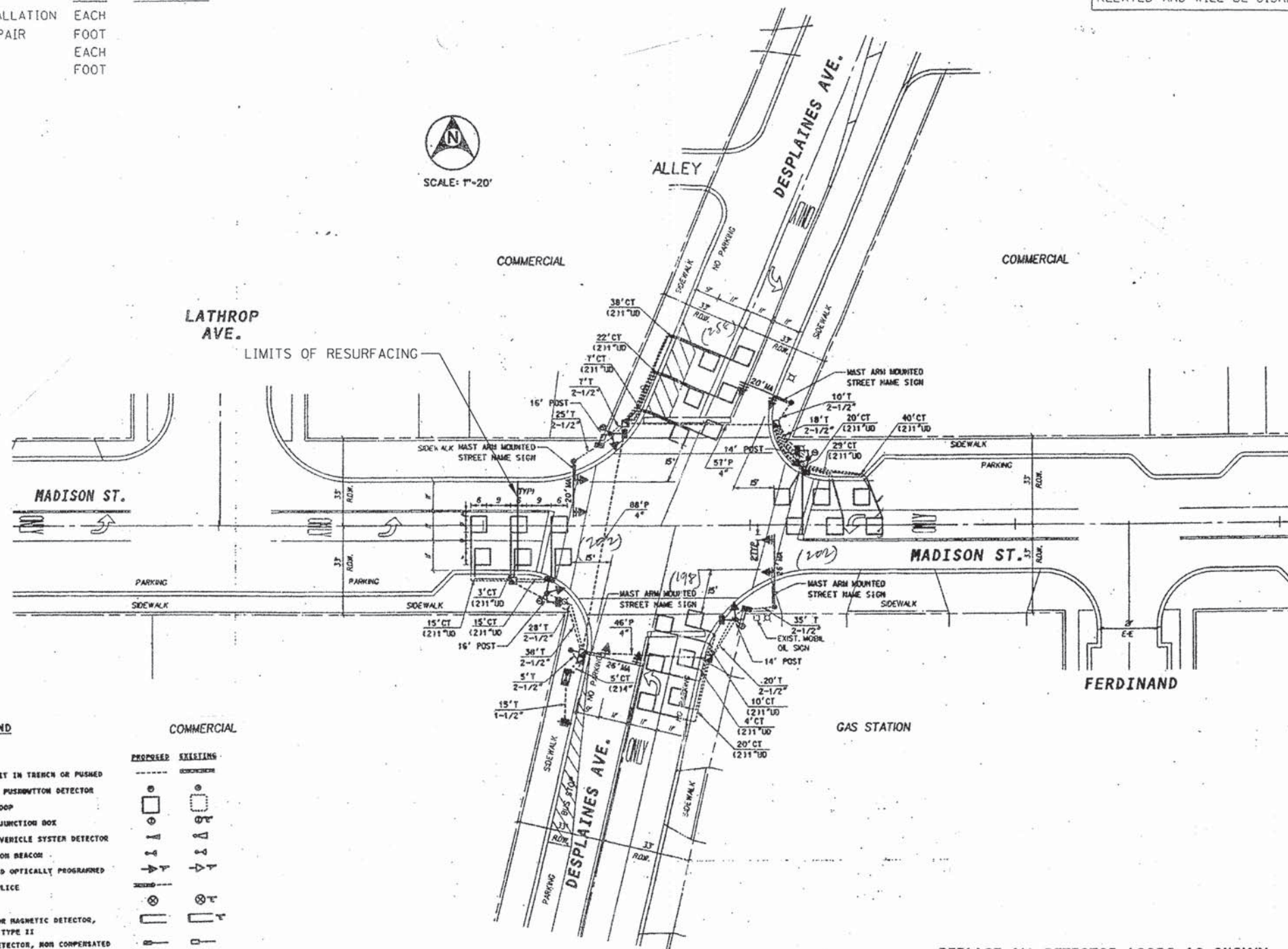
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RESURFACING - TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

The "Pay Items" below are paid separately as per the attached "Specification" for MAGNETIC DETECTOR REMOVAL AND DETECTOR LOOP INSTALLATION.

Code No.	Pay Item	Unit	Quantity
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	
88500100	INDUCTIVE LOOP DETECTOR	EACH	
88600100	DETECTOR LOOP, TYPE I	FOOT	

NOTE:
THIS PLAN IS FOR THE PURPOSE OF REPLACING THE DETECTOR LOOPS ONLY. ALL OTHER INFORMATION SHOWN IS NOT RELATED AND WILL BE DISREGARDED.



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING		PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]	G.S. CONDUIT IN TRENCH OR PUSHED	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]	PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]	DETECTOR LOOP	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]	CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	[Symbol]	EMERGENCY VEHICLE SYSTEM DETECTOR	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]	CONFIRMATION BEACON	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]	SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]	CONDUIT SPLICE	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]	WOOD POLE	[Symbol]	[Symbol]
UNIT DUCT	[Symbol]	[Symbol]	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]	[Symbol]
RAMPOLE	[Symbol]	[Symbol]	VEHICLE DETECTOR, NON COMPENSATED	[Symbol]	[Symbol]
HEAVY DUTY HANDPOLE	[Symbol]	[Symbol]	MAGNETIC TYPE	[Symbol]	[Symbol]
DOUBLE HANDPOLE	[Symbol]	[Symbol]	RAILROAD CONTROL CABINET	[Symbol]	[Symbol]
			STREET LIGHT	[Symbol]	[Symbol]

REPLACE ALL DETECTOR LOOPS AS SHOWN
(ON WEST LEG OF INTERSECTION ONLY)

CODE NO.	QUANTITY	UNIT	ITEM
86600600	202	FOOT	DETECTOR LOOP REPLACEMENT

FILE NAME: \\projects\traffic\1070027\1012_20_05.dwg	USER NAME: konthepho	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT DESPLAINES AVE. @ MADISON ST.	F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE: 1"=40.0000' / IN.	CHECKED: -	REVISED: -	2759			05 05 RS-6	COOK	24	12	
PLOT DATE: 12/29/2008	DATE: -	REVISED: -	CONTRACT NO.							

CB
CHRISTOPHER B. BURKE
ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME: mthomas	DESIGNED: JJA	REVISED: -
	DRAWN: PDR	REVISED: -
PLOT SCALE: 1"	CHECKED: LMF	REVISED: -
PLOT DATE: 12/9/2014	DATE: -	REVISED: -

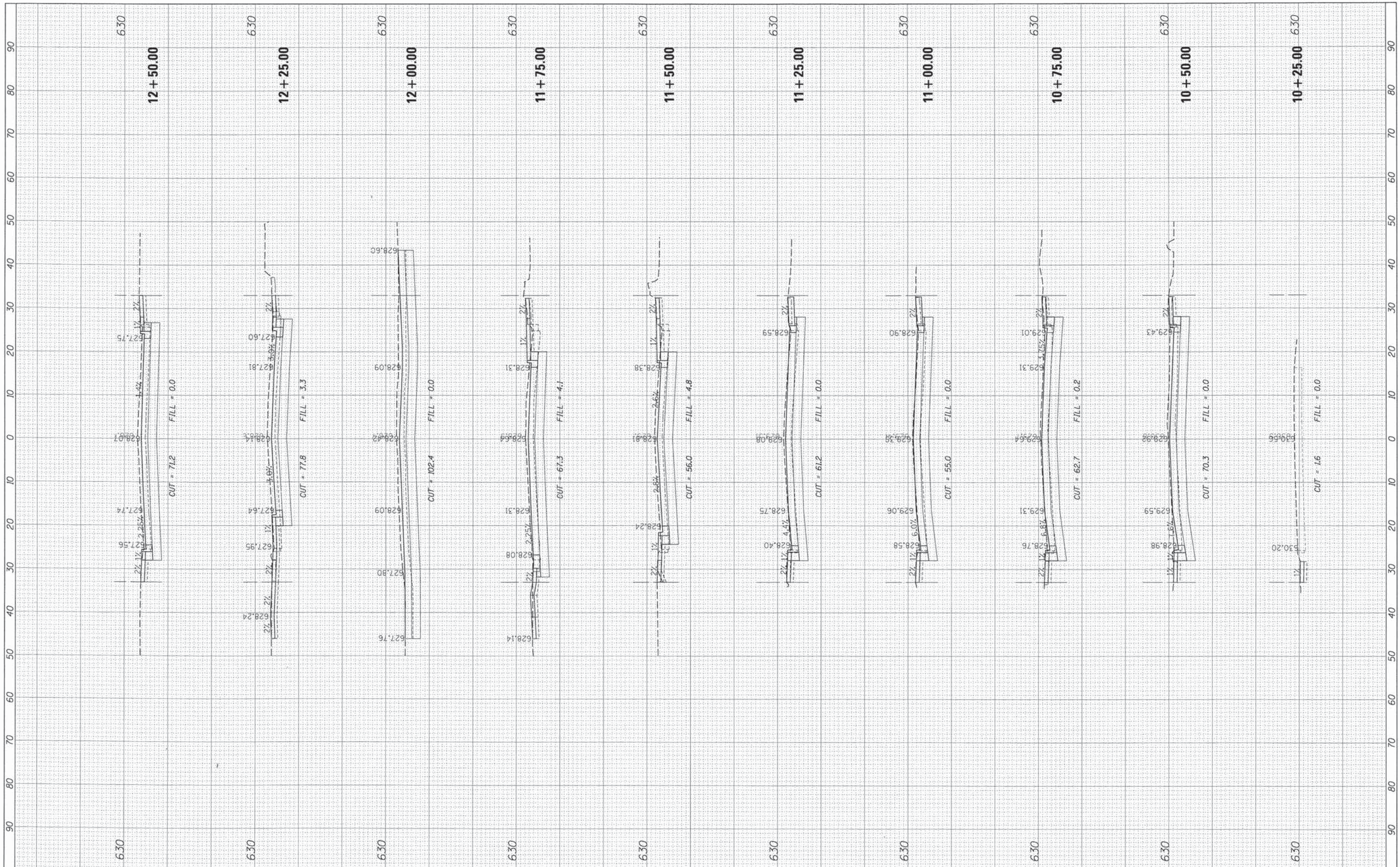
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP PLAN MADISON STREET			
SCALE: 1'	SHEET 2 OF 2	STA. 24+00	TO STA. 28+07.68

F.A.U. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	54
CONTRACT NO. 61A53				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SURVEYED	BY
PLotted	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLotted	
NOTE BOOK	
AREAS CHECKED	
NO.	



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 USER NAME = mthomas
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 10'
 PLOT DATE = 12/9/2014

DESIGNED -
 REVISIONS:
 REVISIONS:
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 REVISIONS:

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

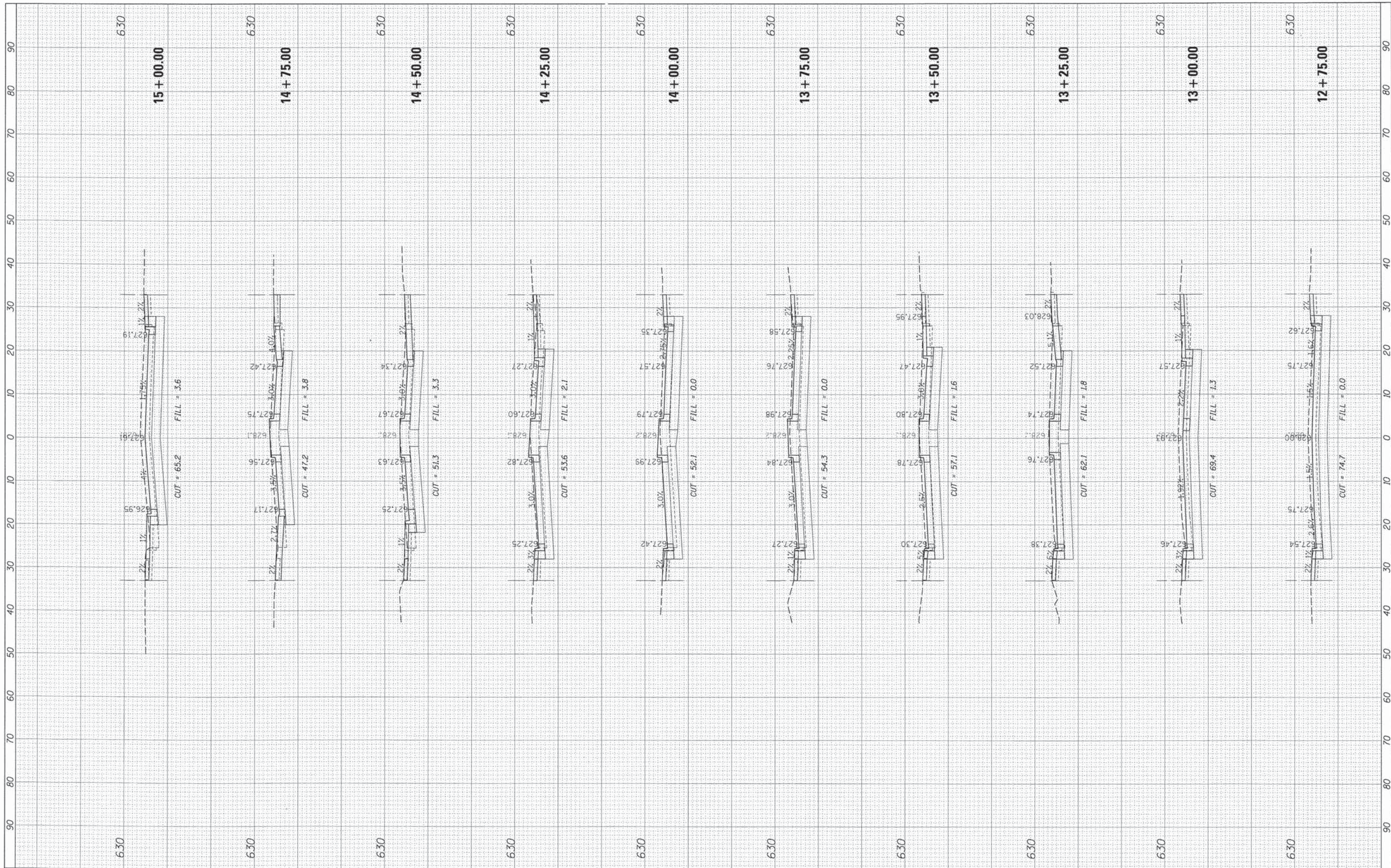
**CROSS SECTIONS
 MADISON STREET**

SCALE: 10' SHEET 1 OF 9 SHEETS STA. 10+25.00 TO STA. 12+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	55
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS	
CHECKED	
NO.	



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 PLOT SCALE = 10'
 PLOT DATE = 12/9/2014

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

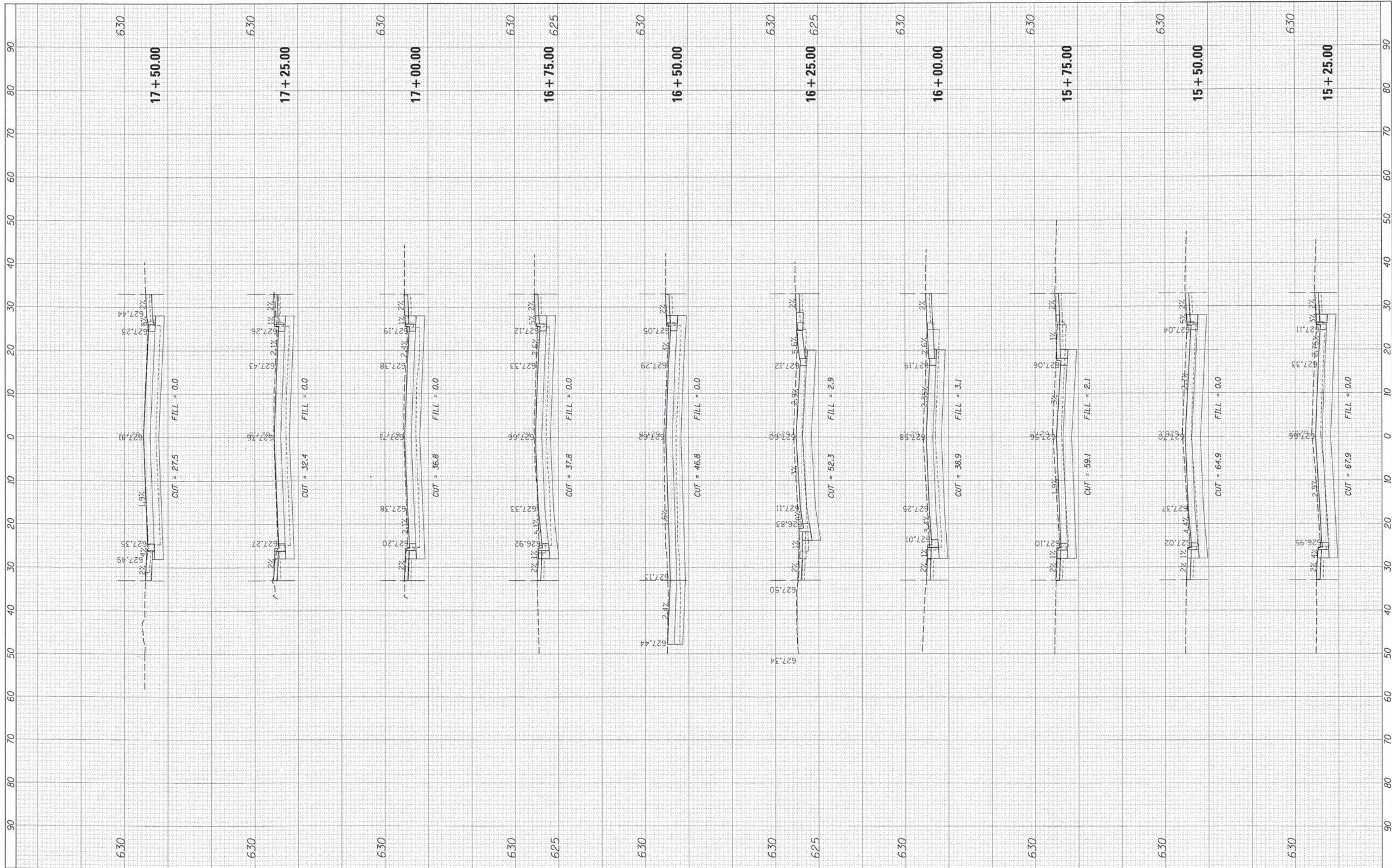
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**CROSS SECTIONS
 MADISON STREET**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	56
CONTRACT NO.				
[ILLINOIS] FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
CHECKED		
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
CHECKED		
NO.		



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 PLOT SCALE = 10"
 PLOT DATE = 12/9/2014

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

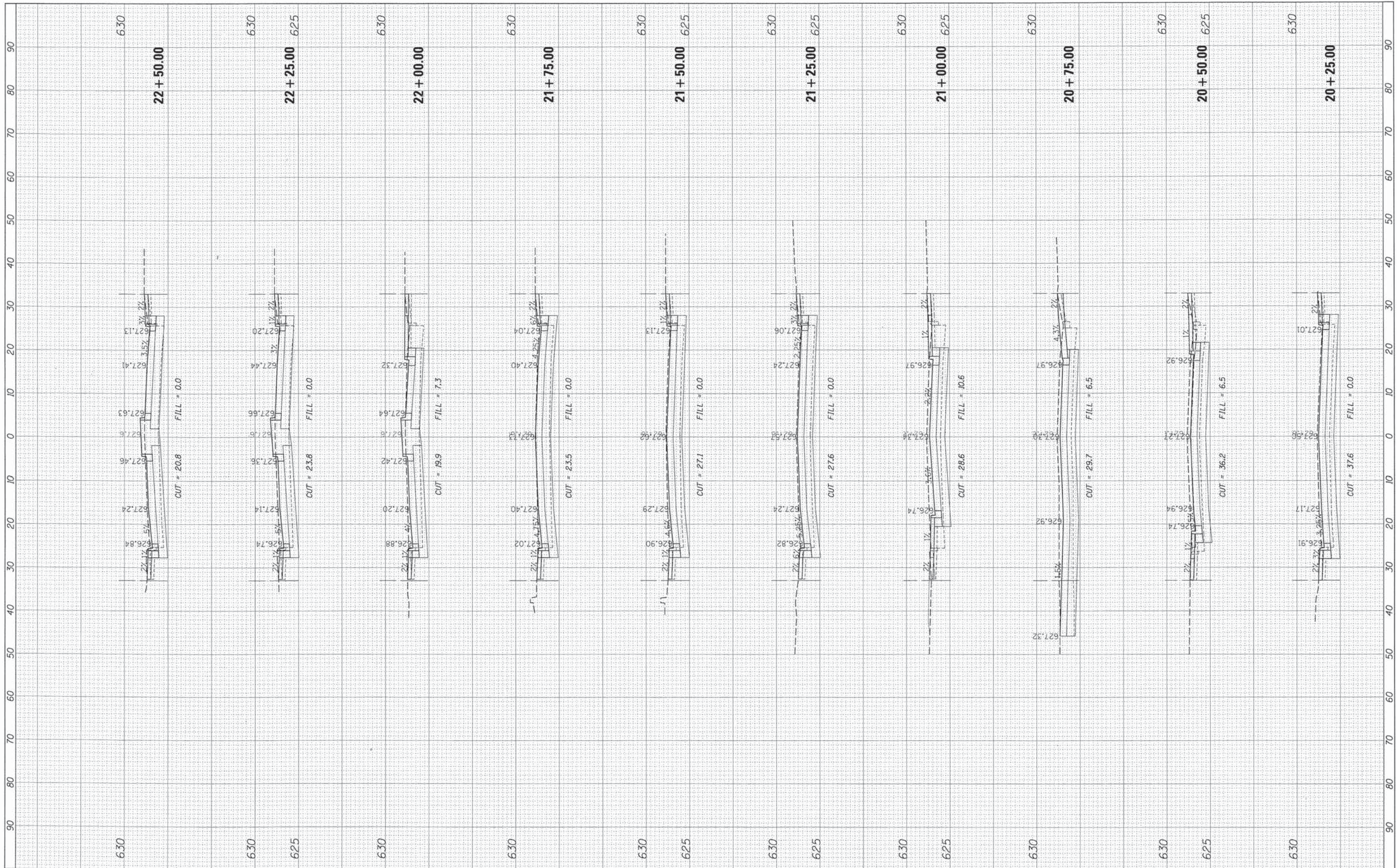
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**CROSS SECTIONS
MADISON STREET**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	57
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



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	CHECKED -
	DATE = 12/9/2014
	REVISOR -
	REVISION -
	REVISION -
	REVISION -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

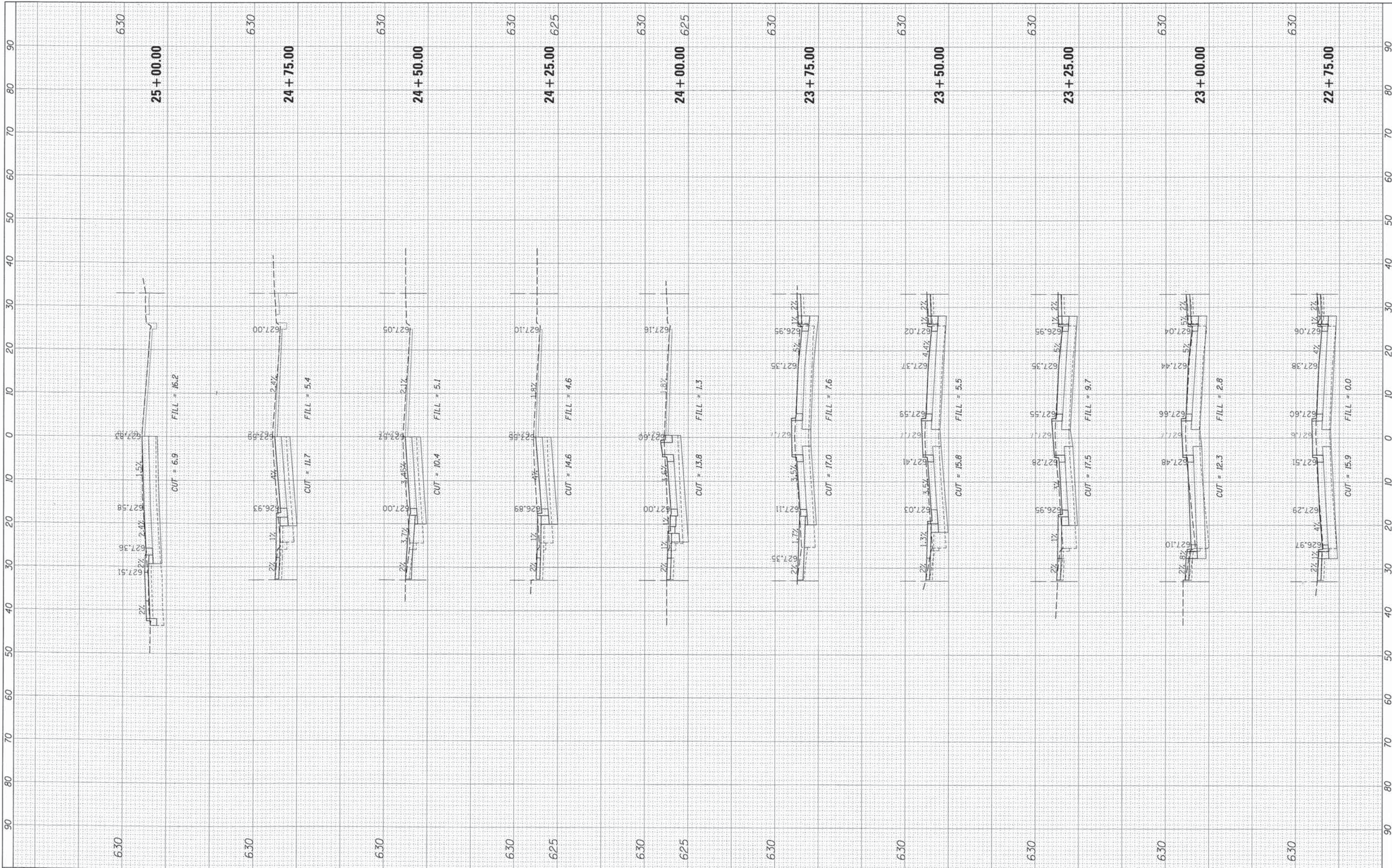
SCALE: 10'	SHEET 5	OF 9 SHEETS	STA. 20+25.00	TO STA. 22+50.00
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**CROSS SECTIONS
MADISON STREET**

F.A. RTE. 1419	SECTION 13-00111-00-LS	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 59
CONTRACT NO.			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	REVIEWED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS MADISON STREET			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -		[ILLINOIS] FED. AID PROJECT							

SCALE: 10' SHEET 6 OF 9 SHEETS STA. 22+75.00 TO STA. 25+00.00

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	DATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	DATE		
	AREAS CHECKED		



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 PLOT DATE = 12/9/2014

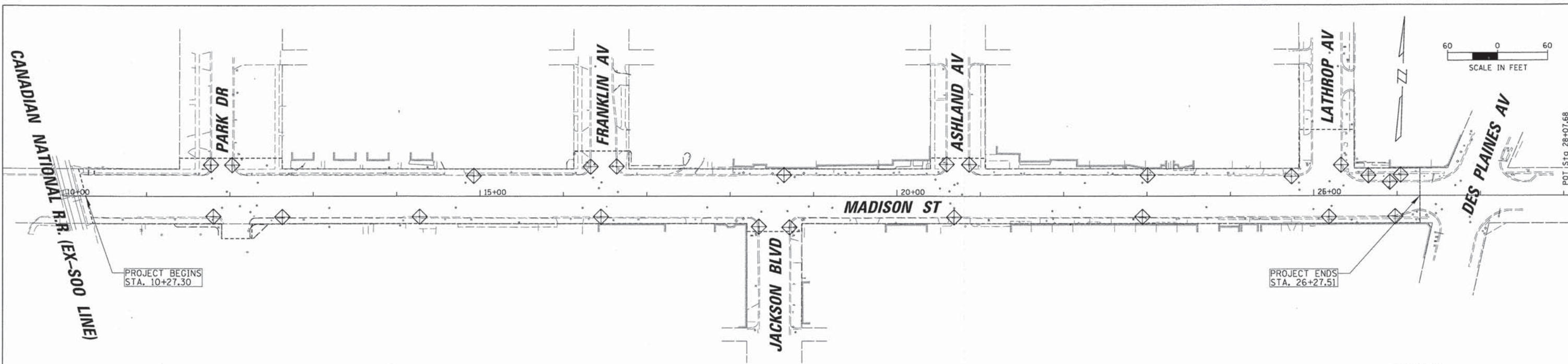
DESIGNED -
 REVISIONS:
 REVISIONS:
 REVISIONS:
 REVISIONS:

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 10' SHEET 7 OF 9 SHEETS STA. 25+25.00 TO STA. 25+75.00

**CROSS SECTIONS
 MADISON STREET**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	61
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

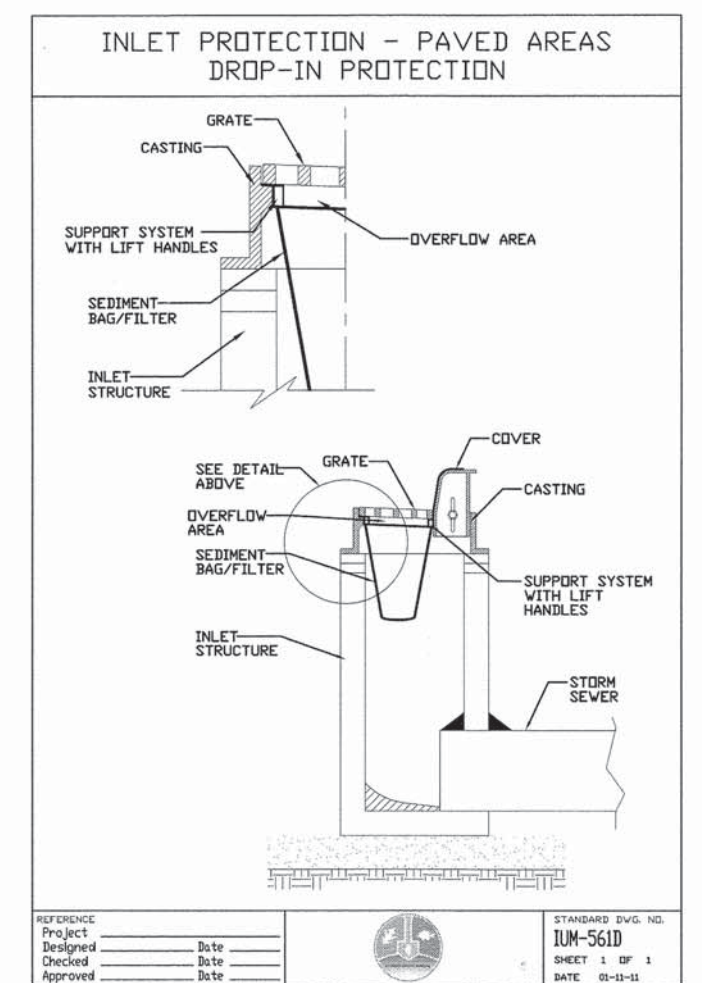
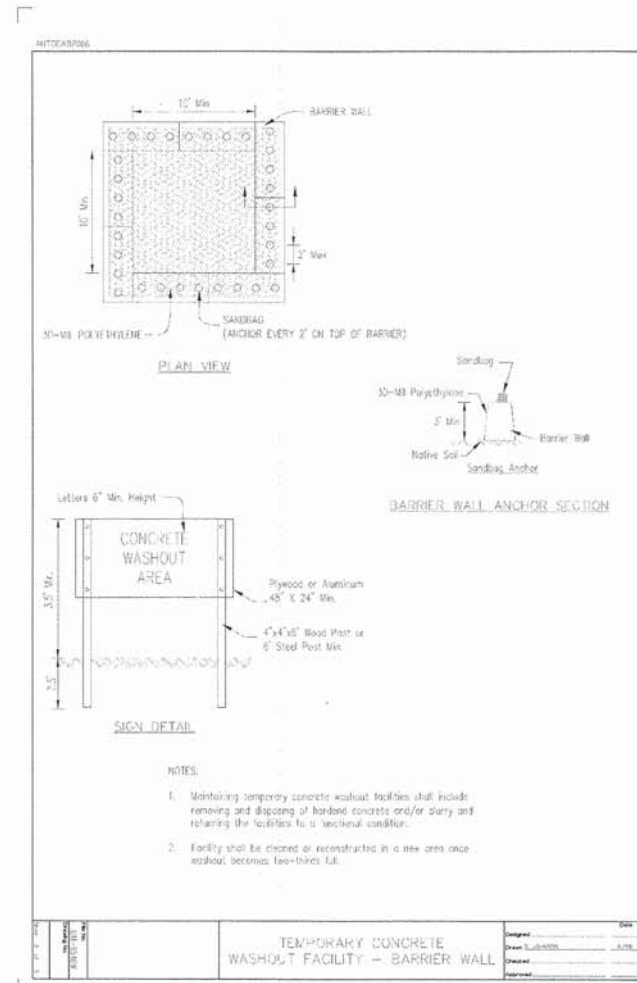
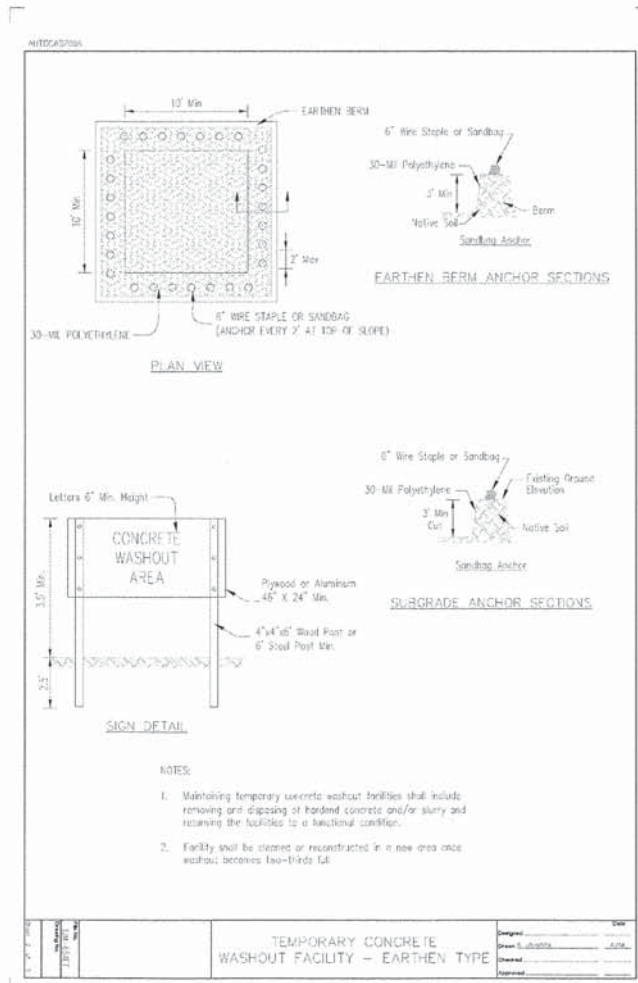
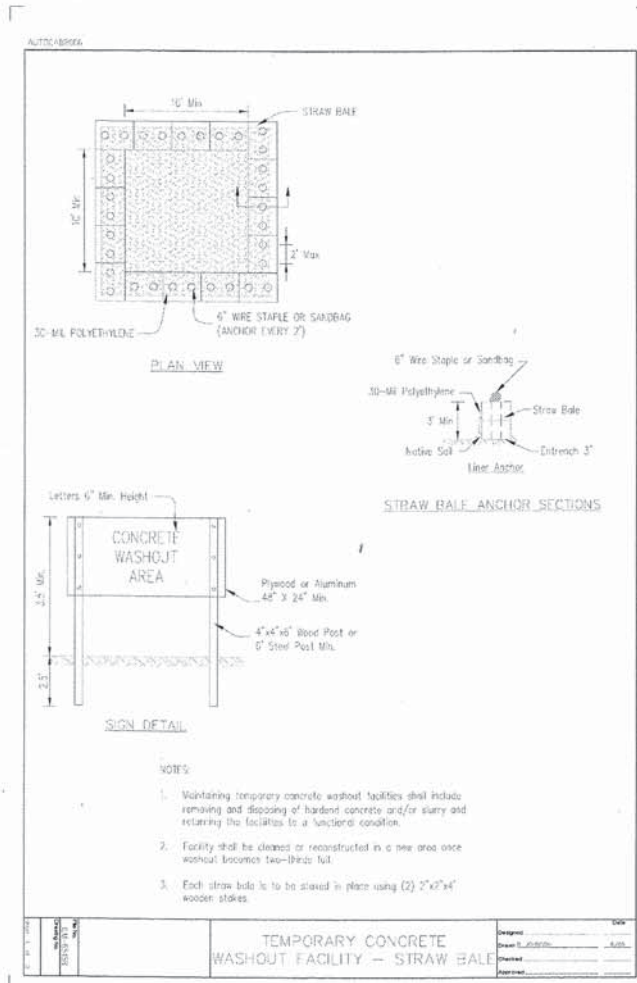


NOTES:

- NO WORK SHALL OCCUR OUTSIDE OF THE EXISTING RIGHT-OF-WAY.
- INLET FILTERS SHALL BE INSTALLED IN ALL CURB DRAINAGE STRUCTURES.

LEGEND

- PROJECT LIMITS
- ◇ INLET FILTER



CHRISTOPHER B. BURKE
ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = mthomas
DESIGNED *JJA*
DRAWN *PDR*
CHECKED *LMF*
DATE = 12/9/2014

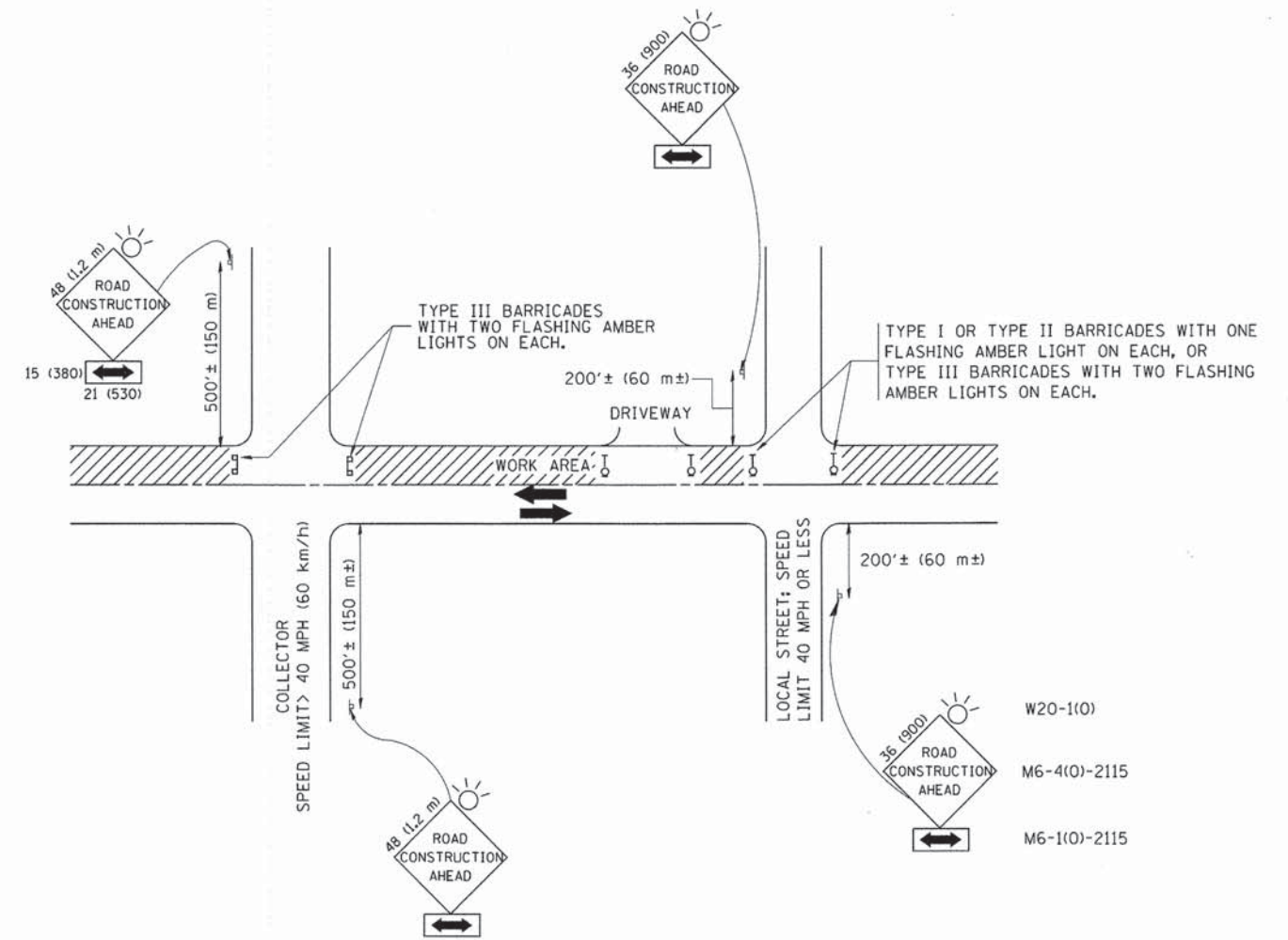
REVISIONS:
REVISION NO. | DATE | BY | DESCRIPTION

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN AND DETAILS
MADISON STREET**
SCALE: NTS SHEET 1 OF 1 STA. 10+00 TO STA. 28+07.68

REFERENCE: Project, Design, Checked, Approved
DATE: _____
STANDARD DWG. NO. IUM-561D
SHEET 1 OF 1
DATE 01-11-11

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TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

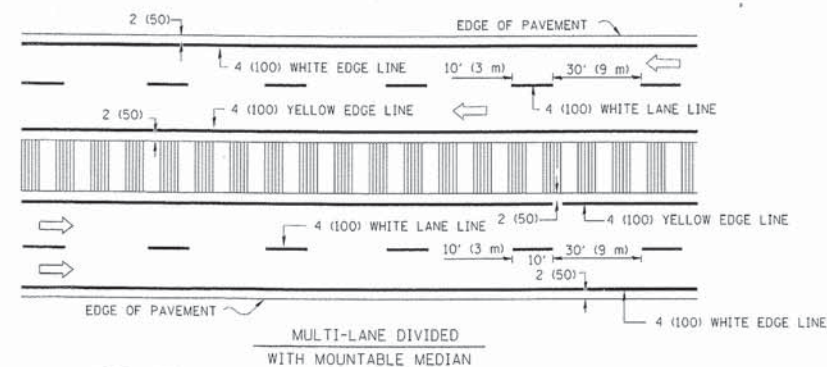
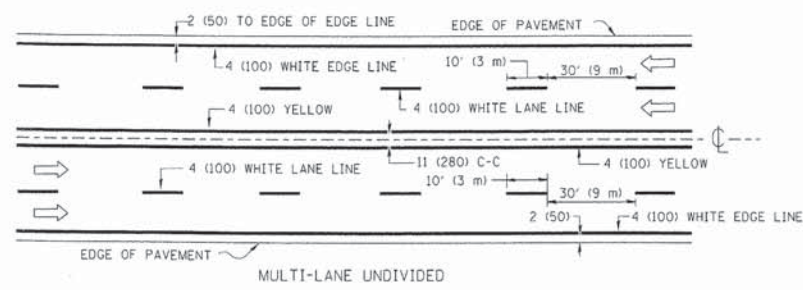
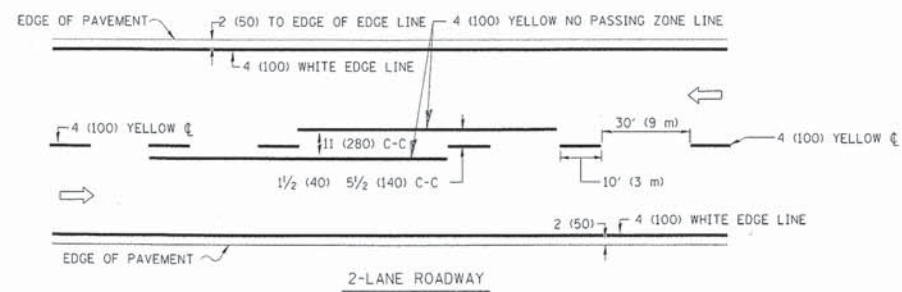
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

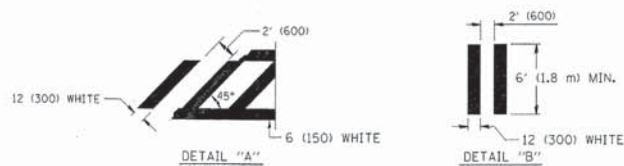
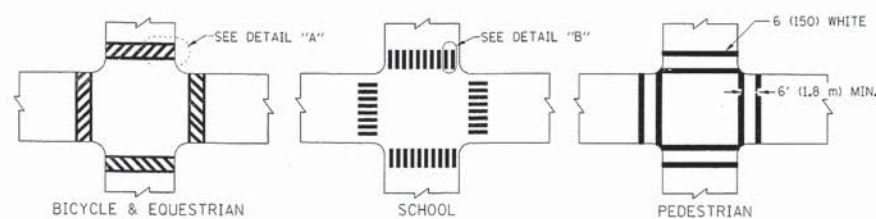
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	63
TC-10			CONTRACT NO. 61A53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

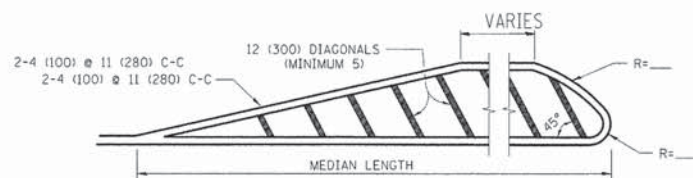
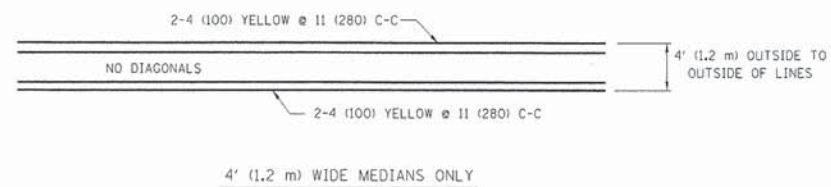


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

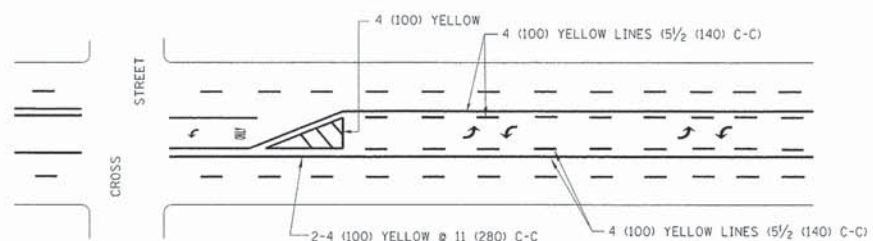


TYPICAL CROSSWALK MARKING

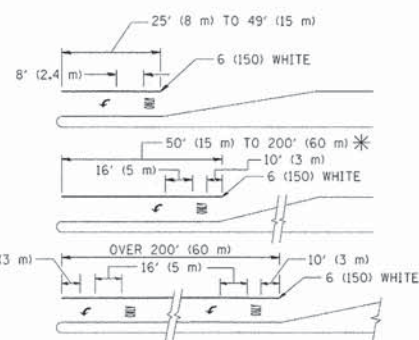


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING

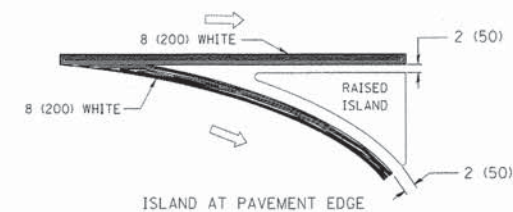
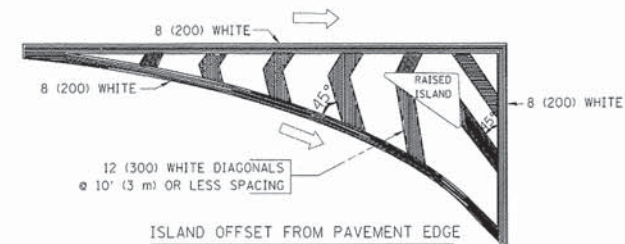


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

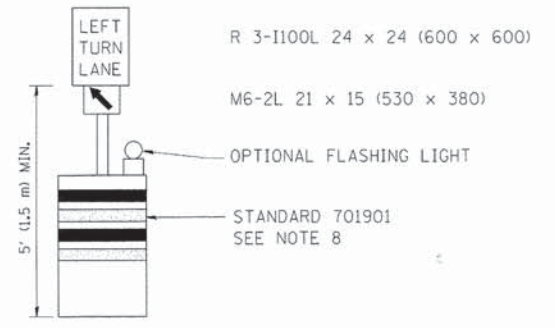
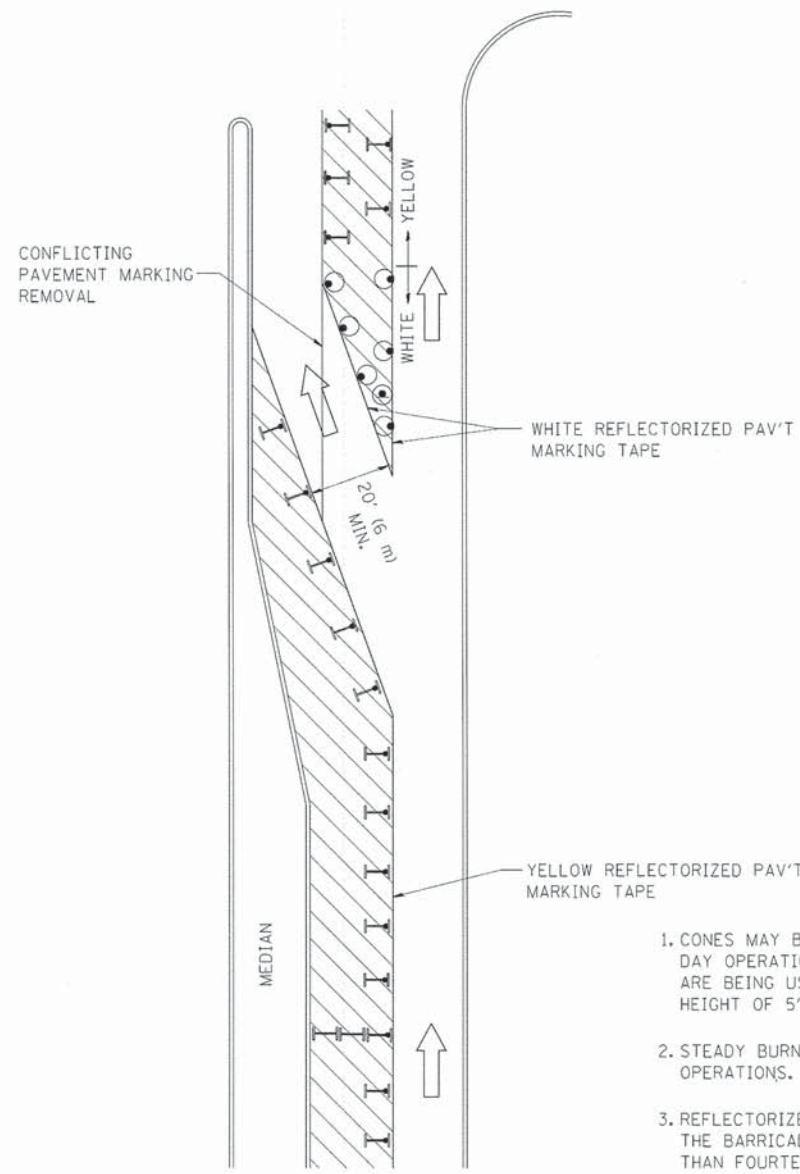
All dimensions are in inches (millimeters) unless otherwise shown.

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	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	64
TC-13		CONTRACT NO. 61A53		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

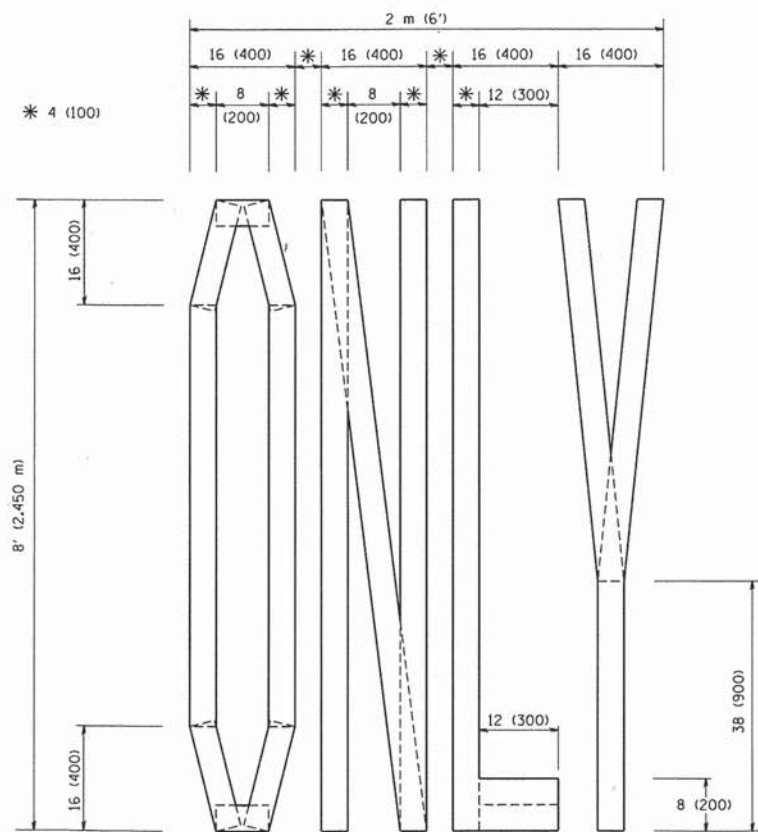
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14.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
PLOT SCALE = 49,9999 1/ IN.		REVISED - A. HOUSEH 10-12-96	REVISED -
PLOT DATE = 9/14/2009		REVISED - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

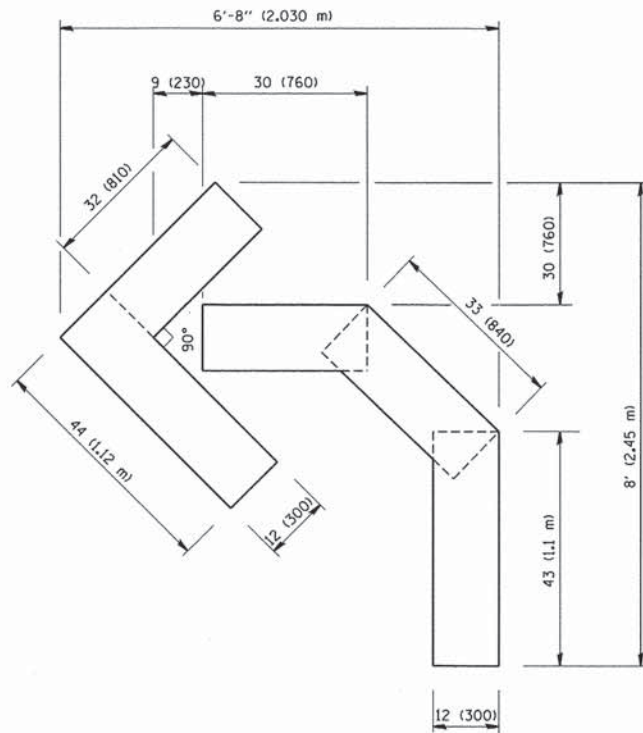
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

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

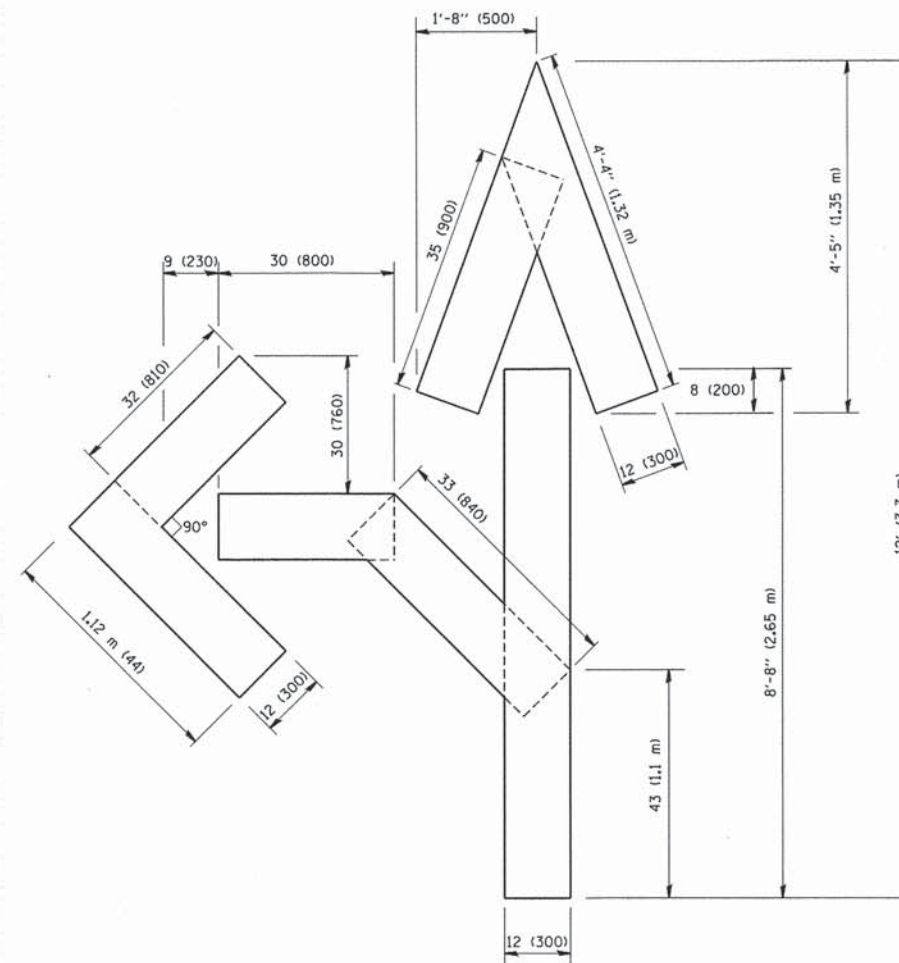
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	65
TC-14		CONTRACT NO. 61A53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

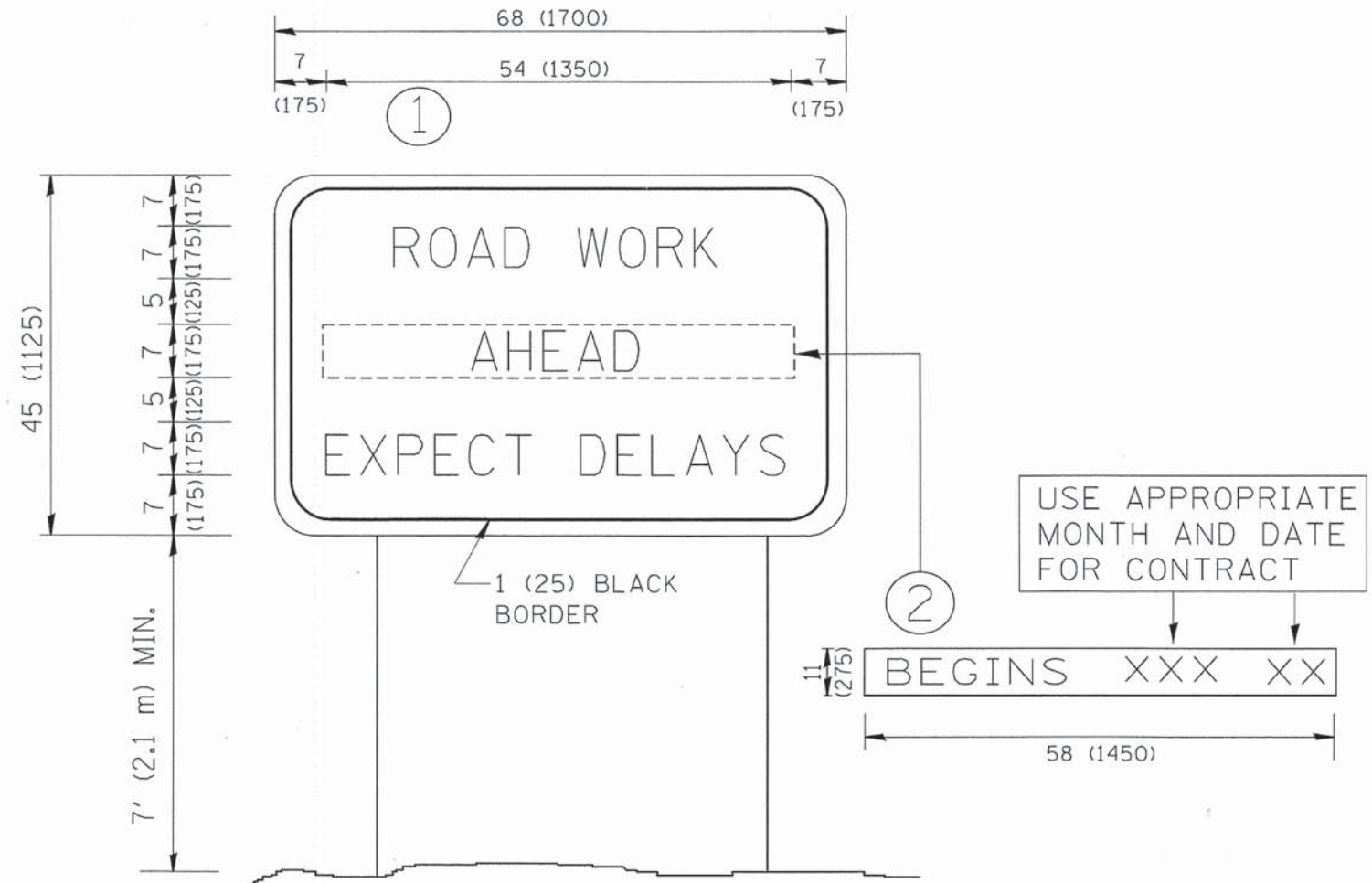
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		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50,0000 "/ IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	66
TC-16		CONTRACT NO. 61A53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME = W:\distatd\22x34\tc22.dgn	USER NAME = geglionbt	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97
PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	
PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07	

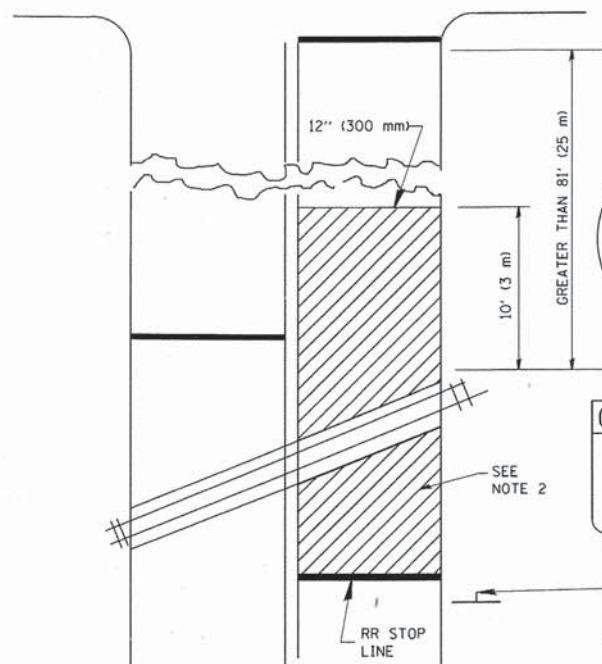
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

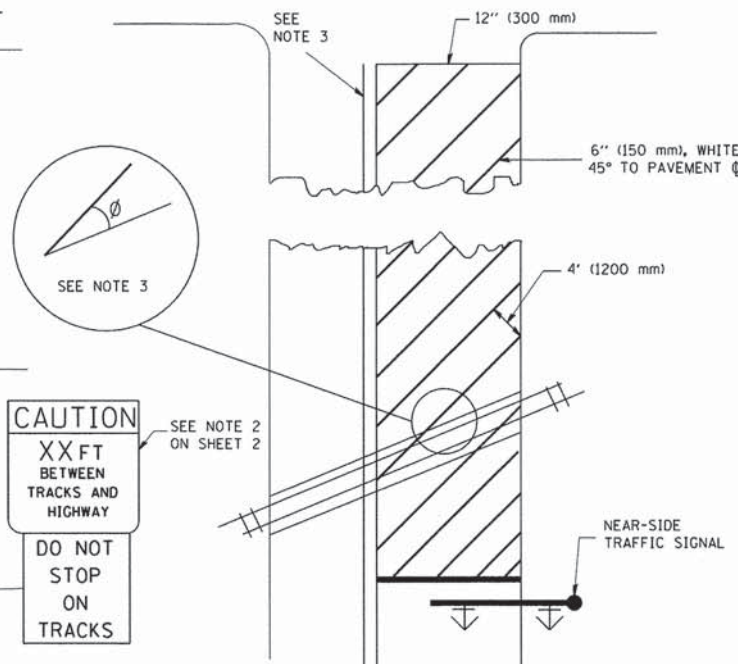
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	67
TC-22			CONTRACT NO. 61A53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

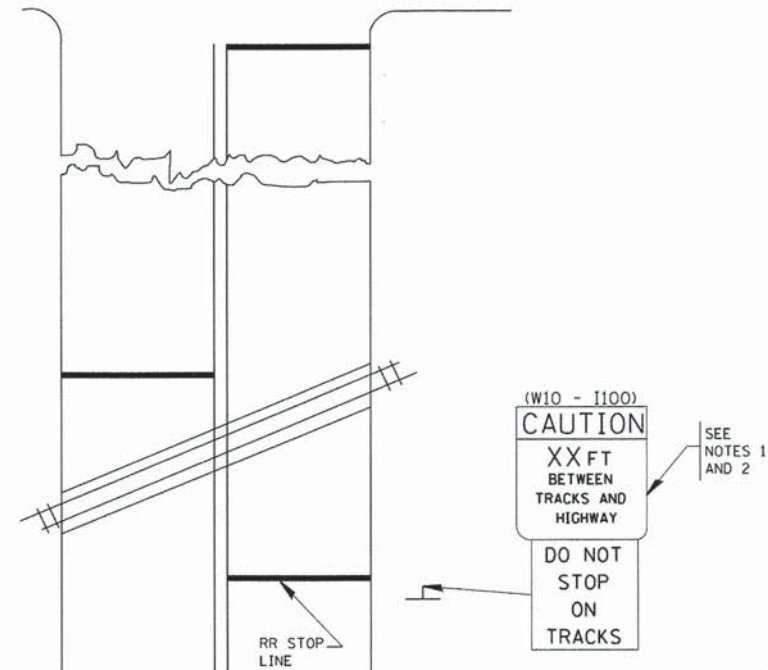
WITH INTERSECTION TRAFFIC SIGNALS



WITH NEAR-SIDE TRAFFIC SIGNALS



WITH NONSIGNALIZED INTERSECTION
81' (25 m) OR LESS TO CLOSEST RAIL



- NOTES:
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED, THE PAVEMENT MARKINGS EXTENDS TO THE INTERSECTION.
 - WHERE THE ANGLE BETWEEN THE DIAGONAL STRIPES AND THE TRACK (θ) WOULD BE LESS THAN APPROXIMATELY 20°, THE STRIPES SHOULD BE SLOPED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

- NOTE:
- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET (1.8 m) FROM THE RAIL CLOSEST TO THE INTERSECTION TO THE STOP LINE OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET (1.5 m), WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE THE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
 - THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6-FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION.

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

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		DRAWN -	REVISED -
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. ' ' TO STA.	

F.A. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	68
TC-23		CONTRACT NO. 61A53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME =	USER NAME = gaglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07
...	...	DRAWN -	REVISED -
...	...	CHECKED -	REVISED -
...	...	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	13-00111-00-LS	COOK	69	69
TC-26		CONTRACT NO. 61A53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				