F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 63766		

03-08-13 LETTING ITEM 136

INDEX OF SHEETS

SHEET NO.	
1	COVER SHEET /INDEX OF SHEETS
2	INDEX OF SHEETS /INDEX OF STANDARDS /GENERAL NOTES
3	GENERAL NOTES
4	UTILITY COORDINATION SUMMARY
5–7	SUMMARY OF QUANTITIES
8–14	EXISTING AND PROPOSED TYPICAL SECTIONS
15–18	SCHEDULE OF QUANTITIES
19–21	ALIGNMENT, TIES, AND BENCHMARKS
22–29	REMOVAL PLAN
30–44	ROADWAY PLAN AND PROFILE
45–61	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
62–66	EROSION, SEDIMENT CONTROL, AND LANDSCAPING
67–81	DRAINAGE AND UTILITIES PLAN AND PROFILE
82–84	DETENTION AND COMPENSATORY STORAGE SITES
85	CONSTRUCTION DETAILS
86–95	PLAT OF HIGHWAYS
96–97	INTERSECTION PAVING DETAILS
98–101	PAVEMENT MARKING AND SIGNING PLAN
102–130	TRAFFIC SIGNAL PLANS AND DETAILS
131–133	STRUCTURAL PLANS AND DETAILS
134–144	SOIL PLAN AND PROFILE
145–149A	DISTRICT 1 DETAILS
150	LCDOT DETAILS
151	FAA RESTRICTIONS
152–176	CROSS SECTION SHEETS – WADSWORTH ROAD
177–189	CROSS SECTION SHEETS – GREEN BAY ROAD

FOR LIST OF STATE STANDARDS, SEE SHEET 2

M.O.T. LIMITS

WADSWORTH ROAD: 140+76.25 TO 199+20.00
GREEN BAY ROAD: 196+27.20 TO 232+00.66

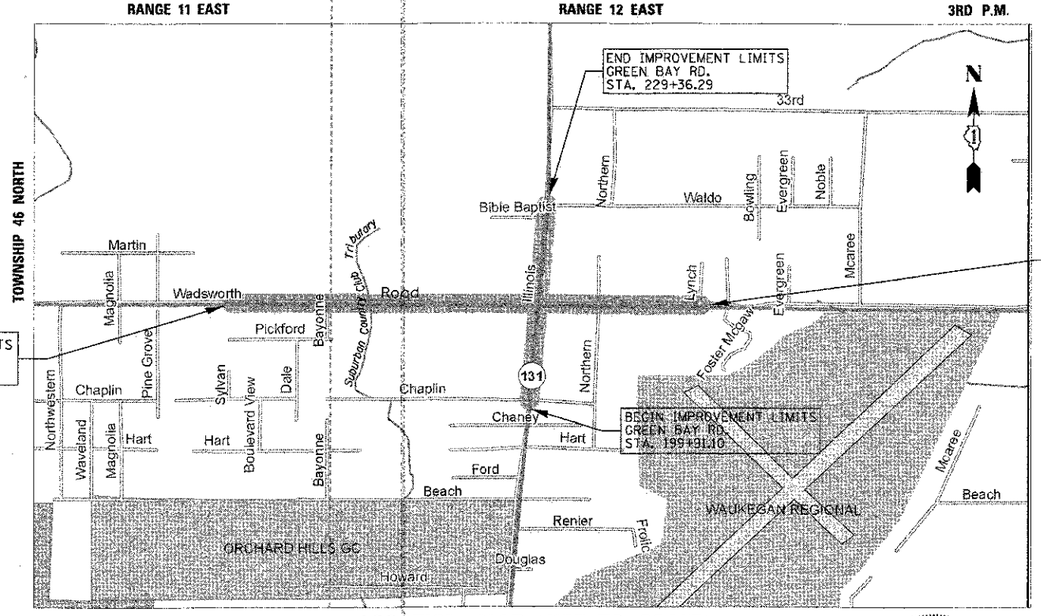
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1209 (WADSWORTH ROAD – CH 17) AT FAU ROUTE 2711 (GREEN BAY ROAD – IL ROUTE 131) INTERSECTION IMPROVEMENT
SECTION 03–00033–12–CH
PROJECT NO. RS–0097(035)
LAKE COUNTY
JOB NO. C–91–207–04

LOCATION OF SECTION INDICATED THUS:– ■

PROJECT IS LOCATED IN THE VILLAGE OF BEACH PARK

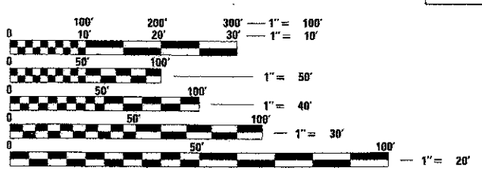


LOCATION MAP (NOT TO SCALE)

GROSS LENGTH = 9,463 FT. (1.79 MI.) NET LENGTH = 8,095 FT. (1.53 MI.)

DESIGN DESIGNATION WADSWORTH ROAD: MINOR ARTERIAL (45 M.P.H.)
DESIGN DESIGNATION GREEN BAY ROAD: MINOR ARTERIAL (45 M.P.H.)

TRAFFIC DATA:	2007	2030
NORTHBOUND ADT =	17,000	24,000
SOUTHBOUND ADT =	18,500	26,000
EASTBOUND ADT =	14,750	23,000
WESTBOUND ADT =	13,000	21,000



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123 OR 811
TOWNSHIP 46 NORTH, RANGE 11 & 12 EAST,
SECTIONS 25, 30, 31, & 36

CONTRACT NO. 63766

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: APRIL 30, 2013

VAL M. RACICH
062-049622
REGISTERED PROFESSIONAL ENGINEER
OF ILLINOIS

VAL M. RACICH 11/6/12
ILLINOIS REGISTRATION No. 062-049622 ENGINEER
EXPIRATION DATE: 11/30/2013

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED Oct 19, 2012
LAKE COUNTY DIVISION OF TRANSPORTATION, ENGINEER

PASSED November 13, 2012
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW November 14 2012
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

ASSOCIATE PROGRAM & OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847) 705–4406, SCHAUMBURG, IL

IDOT HIGHWAY STANDARD	ITEM DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542001-03	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375mm) THRU 84" (2100 mm) DIA.
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-04	TRAVERSABLE PIPE GRATE
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN - TYPE A
602301-03	INLET - TYPE A
602401-03	MANHOLE - TYPE A
602501-02	VALVE VAULT - TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE 8
604091-02	FRAME AND GRATE TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONC. CURB AND GUTTER TYPE B-6.24
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-04	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-03	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY
701206-03	LANE CLOSURE, 2L, 2W, NIGHT ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES
701422-05	LANE CLOSURE, MULTILANE
701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS
701701-08	URBAN LANE CLOSURE MULTI LANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS MARKERS & DELINEATORS
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-05	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
BLR17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR18-5	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE
BLR24-2	MAILBOX TURNOUT FOR LOCAL ROADS
TC-10	TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	TYPICAL PAVEMENT MARKINGS
TC-16	PAVEMENT MARKING LETTERS & SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE IDOT "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JAN. 1, 2013; THE LATEST EDITIONS OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD) "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS"; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

2. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.

3. THIS IMPROVEMENT IS A QUALITY CONTROL/QUALITY ASSURANCE IMPROVEMENT UTILIZING CURRENT HMA AND PCC MIXTURE SPECIFICATIONS.

UTILITIES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

2. THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER LINES AND OTHER UTILITY LINES SHOWN ON THE DRAWINGS ARE APPROXIMATE. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLES 107.31 and 105.07 AT HIS OWN EXPENSE.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF 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 CONTRACTORS EXPENSE, IN ACCORDANCE WITH ARTICLE 107.20.

4. COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.

5. BEFORE STARTING ANY EXCAVATING, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 8-1-1 (OR 800-892-0123) FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE AND GAS FACILITIES AND LAKE COUNTY DIVISION OF TRANSPORTATION 847-377-7400 AND VILLAGE OF BEACH PARK FOR FIELD LOCATIONS OF BURIED WATER, STORM AND SANITARY FACILITIES (2 WORKING DAY ADVANCE NOTIFICATION IS REQUIRED).

6. THE CONTRACTOR OR HIS SUBCONTRACTOR FOR SEWER WORK MUST OBTAIN PERMITS FOR THIS WORK. THE CONTRACTOR MUST PROVIDE CONTRACT PLANS AT TIME PERMIT IS REQUIRED. MAIN SEWERS ARE NOT TO BE INTERRUPTED UNLESS ADEQUATE PROVISIONS ARE MADE TO CONTINUE SERVICE.

7. UTILITY CROSSINGS: ALONG WADSWORTH ROAD AT LOCATIONS WHERE THE PROPOSED STORM SEWER CROSSES OVER UTILITIES, A 4" STYROFOAM CUSHION SHALL BE PLACED UNDER THE STORM SEWER WHEN DIRECTED TO DO SO BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

STAKING

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

2. ANY RIGHT-OF-WAY MARKERS DISTURBED BY THE CONTRACTOR'S OPERATION THAT ARE NOT SCHEDULED FOR REMOVAL SHOULD BE REESTABLISHED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

STORM SEWER

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 OF THE ITEMS BEING CONSTRUCTED.

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/SHE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. HE/SHE 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 OF THE ITEMS BEING CONSTRUCTED.

3. DRAINAGE STRUCTURE 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. UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON PLANS ARE TO THE PAVEMENT EDGE FOR STRUCTURES IN THE CURB AND TO THE CENTER OF THE STRUCTURE FOR OTHER STRUCTURES. ALL FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTERLINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS. ALL FLAT TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.

5. PLAN CALLOUTS FOR "PRECAST REINFORCED CONCRETE FLARED END SECTIONS" SHALL REFER TO "CONCRETE END SECTION, STANDARD 542001" FOR SIZES 30-INCHES AND GREATER, AND SHALL CONTINUE TO REFER TO "PRECAST REINFORCED CONCRETE FLARED END SECTIONS" FOR SIZES 24-INCHES AND SMALLER.

6. THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE ITEM BEING CONSTRUCTED. ANY MISSION COUPLINGS NEEDED AS WELL AS THE FIRST FIVE FEET OF ANY PIPE NECESSARY TO MAKE THIS CONNECTION SHALL LIKEWISE BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE BEING CONSTRUCTED. ADDITIONAL NECESSARY PIPE, IF ANY, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE TYPE AND SIZE REQUIRED.

7. WHEN THE REQUIRED VERTICAL AND HORIZONTAL CLEARANCES, AS SPECIFIED BY THE IEPA, BETWEEN PROPOSED STORM SEWER AND EXISTING WATER MAINS CANNOT BE MET, WATER MAIN QUALITY PIPE SHALL BE INSTALLED. THIS PIPE WILL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR WATER MAIN, EXCEPT THAT IT SHALL BE PAID FOR AS "STORM SEWER, WATER MAIN QUALITY" OF THE TYPE AND DIAMETER SPECIFIED.

8. THE CONTRACTOR SHALL CORE HOLES INTO THE WALLS OF EXISTING AND PROPOSED DRAINAGE STRUTURES FOR PAVEMENT PIPE UNDERDRAIN CONNECTIONS. THESE CONNECTIONS WILL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS.

9. BACKFILLING OPERATIONS AND MATERIALS SHALL CONFORM TO ARTICLE 550.07 OF THE STANDARD & SUPPLEMENTAL SPECIFICATIONS, EXCEPT BACKFILLING METHODS TWO & THREE WILL NOT BE ALLOWED.

10. DRAINAGE
    - A. EXISTING AND PROPOSED DRAINAGE SYSTEM CONNECTIONS: THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND/OR CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE AND/OR THE COST OF THE PROPOSED STORM SEWER. ALL NECESSARY ADDITIONAL PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR STORM SEWER OF THE SIZE REQUIRED.
    - B. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE AT ALL TIMES DURING THE PERFORMANCE OF THE WORK.
    - C. EXISTING DRAINAGE FACILITIES:
      - I. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE
      - II. WHEN EXISTING DRAINAGE FACILITIES ARE NOT IDENTIFIED IN THE PLANS BUT ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR STRUCTURES. THEY SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE ELEMENTS. CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT IF NECESSARY. A TEMPORARY OUTLET SHALL BE PREPARED TO DISPOSE OF WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME A PERMANENT CONNECTION TO SEWERS IS BUILT AND IN SERVICE.
      - III. ANY OF THESE MATERIALS CONSIDERED SUITABLE FOR SALVAGE BY THE ENGINEER SHALL BE STORED WITHIN THE RIGHT-OF-WAY FOR LATER REMOVAL BY THE LAKE COUNTY DIVISION OF TRANSPORTATION. UNUSABLE MATERIALS SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO SECTION 202.03 OF THE "STANDARD SPECIFICATIONS" AND AS DIRECTED BY THE ENGINEER.
      - IV. KNOWN FIELD TILES ENTERING THE R.O.W. ARE SHOWN ON THE PLANS. EXISTING FIELD TILES ENTERING THE R.O.W. NOT IDENTIFIED IN THE PLANS BUT DISTURBED BY THE WORK SHALL BE CUT BACK IN ORDER TO REGRADE THE DITCH AND A CONCRETE HEADWALL ADDED. THIS WORK WILL BE PAID FOR AT THE CONTRACT PRICE FOR STORM SEWER REMOVAL OF THE APPROPRIATE DIAMETER AND CONCRETE HEADWALL OF THE APPROPRIATE DIAMETER. WHERE NO PAY ITEMS EXIST, WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
    - D. STRUCTURES, FRAMES AND GRATES:
      - I. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS, DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENT SHALL BE AS DIRECTED BY THE ENGINEER.
      - II. THIS WORK SHALL CONSIST OF PROVIDING AN ENVIRONMENTAL NOTICE PROMINENTLY CAST INTO THE ABOVE GRADE PORTION OF THE FRAME OR GRATE/LID FOR ALL NEW OR PROPOSED DRAINAGE STRUCTURES. THE ENVIRONMENTAL NOTICE SHALL BE "DUMP NO WASTE, DRAINS TO WATERWAYS" OR SIMILAR WORDING. THE FRAMES, LIDS AND GRATES SHALL BE ACCORDING TO SECTION 604 OF THE "STANDARD SPECIFICATIONS". THE NOTICE SHALL BE CAST INTO THE TYPE 1 LIDS (OPEN ONLY), TYPE 8 GRATES, TYPE 11 GRATES, AND TYPE 24 GRATES.
    - E. PIPE UNDERDRAINS AND DRAINS
      - I. FOR INVERT ELEVATIONS OF PIPE DRAINS AND UNDERDRAINS, SEE THE CROSSING SECTIONS.
      - II. UNDERDRAIN SLOPES SHALL BE ACCORDING TO THE ROADWAY PGL SLOPES EXCEPT WHERE THE PGL IS SLOPED LESS THAN 0.20%. THE MINIMUM SLOPE SHALL BE 0.20% AND HAVE BEEN IDENTIFIES ON THE DRAINAGE PLAN AND PROFILE SHEETS.
      - III. UNLESS OTHERWISE IDENTIFIED ON THE PLANS, PIPE DRAINS SHALL BE INSTALLED AT A SLOPE OF 0.20%.
      - IV. REMOVAL OF EXISTING PIPE DRAINS AND UNDERDRAINS SHALL BE PAID FOR PER LINEAR FOOT AS PIPE UNDERDRAINS REMOVAL.

MISCELLANEOUS

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.

2. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. INTERFERENCE WITH TRAFFIC MOVEMENTS AND INCONVENIENCE TO OWNERS OF ABUTTING PROPERTY AND PUBLIC SHALL BE KEPT TO A MINIMUM. THE COST TO PROVIDE ACCESS WITHIN THE PROJECT LIMITS SHALL BE PAID FOR AND INCLUDED IN THE ITEMS "TEMPORARY ACCESS (PRIVATE ENTRANCE)", "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)", "TEMPORARY ACCESS (FIELD ENTRANCE)" AND "TEMPORARY ACCESS (ROAD)".

3. ALL SAW-CUTTING SHALL BE INCLUDED WITH REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL.

4. REMOVAL OF GRAVEL OR OTHER TYPES OF PAVEMENT COMPOSITION SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION IN ACCORDANCE WITH SECTION 202 OF THE STANDARD SPECIFICATIONS.

5. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS SO TRAFFIC, AND SURFACE DRAINAGE, ARE MAINTAINED THROUGHOUT THE DURATION CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER.

6. THE CONTRACTOR SHALL PROVIDE SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS AND VEHICULAR TRAFFIC.

7. DO NOT SCALE DRAWINGS IF COORDINATES AND DIMENSIONS ARE GIVEN.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO CORRECT DAMAGE AT HIS OWN EXPENSE AND FOLLOW ARTICLE 107.16. THE GRADING AND CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER.

9. THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED WITH LOADED SCRAPERS OR TRACK EQUIPMENT.

10. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

11. ALL PROVISIONS RELATING TO TRAFFIC CONTROL, SIGNAGE, BARRICADES AND THE USE OF FLAGMEN SHALL BE SUBJECT TO THE APPROVAL AND THE DIRECTION OF THE ENGINEER. THE CONTRACTOR WILL NOT BE ALLOWED TO CLOSE ANY STREET TO THROUGH TRAVEL WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

12. IN ADDITION TO THE REQUIREMENTS OF ARTICLE 105.09 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL FURNISH, WHITE, PINK OR PURPLE PAVEMENT MARKING PAINT IN AEROSOL CANS, FOR USE BY THE ENGINEER. THE QUALITY OF THE MARKING PAINT SHALL BE AS MANUFACTURED BY AERVOE-PACIFIC CO. (DISTRIBUTED BY MUNICIPAL MARKING DISTRIBUTORS, INC., DUNDEE, IL) OR APPROVED EQUAL. THE CONTRACTOR AND SUBCONTRACTORS SHALL ONLY USE THESE SAME COLORS FOR THEIR OWN MARKINGS, THEREFORE, NOT USING J.U.L.I.E. UTILITY COLORS. THE COST SHALL BE INCLUDED IN THE PAY ITEM FOR ENGINEERS FIELD OFFICE.

13. SPECIAL ATTENTION IS CALLED ARTICLE 107.30 OF THE "STANDARD SPECIFICATIONS". ANY DEFACED WORK SHALL BE CORRECTED OR REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE PRIOR TO FINAL PAYMENT. THE DEPARTMENT SHALL COOPERATE WITH THE CONTRACTOR TO MINIMIZE VANDALISM, BUT THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE TO CORRECT ANY DAMAGE. THE DEPARTMENT WILL NOT BE RESPONSIBLE FOR THE SECURITY OF THE WORK SITE IN THIS REGARD, OTHER THAN NORMAL PATROLLING AND RESPONSE TO EMERGENCIES. THE COST OF ADDITIONAL SECURITY REQUIRED TO MEET THIS PROVISION SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

14. POLLUTION CONTROL: THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.

15. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP AN OFFICE OR YARD ON THE COUNTY PROPERTY WITHOUT WRITTEN APPROVAL FROM THE COUNTY.

16. THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY MAINTENANCE OF TRAFFIC PROTECTIVE DEVICES REQUIRED FOR THEIR OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS PERFORMED BY THE APPROPRIATE AGENCY. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR RESTORING THE MAINTENANCE OF TRAFFIC DEVICES AFTER THE COMPLETION OF SNOW REMOVAL OPERATION.

17. SURFACE TESTS
    - A. THE COMPLETED SURFACE COURSE WILL BE TESTED FOR SMOOTHNESS IN THE WHEEL PATH WITH A 16FT. STRAIGHTEDGE ACCORDING TO ARTICLE 406.11 OF THE STANDARD SPECIFICATIONS.
    - B. THE CONTRACTOR SHALL FURNISH THE APPROPRIATE PERSONNEL AND EQUIPMENT REQUIRED TO PERFORM THE SURFACE COURSE TESTING ACCORDING TO ARTICLE 406.11 OF THE STANDARD SPECIFICATIONS, AND TO THE SATISFACTION OF THE ENGINEER. TRAFFIC CONTROL AND PROTECTION FOR THE TESTING SHALL BE INCLUDED. THE TESTING, INCLUDING ALL REQUIRED PERSONNEL AND EQUIPMENT, WILL BE CONSIDERED INCLUDED IN THE COST OF THE HMA SURFACE COURSE.
    - C. AT THE ENGINEER'S DISCRETION THE SURFACE TESTING MAY INCLUDE SECTIONS OF THE HIGHWAY REPAIRED WITH PARTIAL DEPTH OR FULL DEPTH PAVEMENT PATCHING AND/OR AREAS OF PAVEMENT REPLACEMENT.

18. PROPOSED PERMANENT SIGNING ALONG WADSWORTH ROAD WILL BE INSTALLED BY LCDOT AND IS NOT PART OF THIS CONTRACT.

19. AGGREGATE SHOULDERS, TYPE B AND AGGREGATE BASE COURSE: THE MATERIAL SHALL BE LIMITED TO CRUSHED GRAVEL, CRUSHED STONE OR CRUSHED CONCRETE.

20. HOT-MIX ASPHALT SURFACE REMOVAL:
    - A. IF THE MILLING MACHINE CUTS TOO DEEP OR TEARS OUT AREAS OF THE EXISTING PAVEMENT WHICH WERE TO BE SAVED, THE HOLES SHALL BE FILLED WITH LEVELING BINDER AT THE CONTRACTOR'S EXPENSE.
    - B. TEMPORARY RAMPS AT BUTT JOINTS SHALL BE PROVIDED ACCORDING TO ARTICLE 406.08 OF THE "STANDARD SPECIFICATIONS". TEMPORARY RAMPS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR THE HOT-MIX ASPHALT SURFACE REMOVAL, OF THE DEPTH SPECIFIED, SCHEDULED FOR THE RAMP LOCATION.
    - C. PENALTY – FAILURE BY THE CONTRACTOR TO PROVIDE A TEMPORARY HOT-MIX ASPHALT RAMP SHALL BE GROUNDS FOR ASSESSMENT OF A PENALTY OF $100.00 PER DAY, PER RAMP LOCATION, FOR EACH CALENDAR DAY THEREAFTER THAT SUCH FACILITY REMAINS INCOMPLETE, AFTER WRITTEN NOTIFICATION FROM THE ENGINEER. SUCH PENALTY SHALL BE DEDUCTED FROM MONIES DUE OR TO BECOME DUE TO THE CONTRACTOR UNDER THE CONTRACT.

21. RAISED REFLECTIVE PAVEMENT MARKER:
    - A. SAWCUTTING THE PAVEMENT FOR THE INSTALLATION OF RAISED PAVEMENT MARKERS SHALL BE DONE BY MEANS OF DRY CUTTING THE PAVEMENT. THE CONTRACTOR SHALL MAINTAIN THE PAVEMENT AND THE SURROUNDING AREA IN CLEAN. DRY CONDITION AND SHALL VACUUM THE DUST AND MILLINGS FROM THE PAVEMENT SURFACE.
    - B. THE METHOD OF CUTTING THE PAVEMENT MAY BE ALTERED BY THE CONTRACTOR PROVIDED THE PAVEMENT SURFACE AND THE SURROUNDING AREA ARE CLEANED TO THE SATISFACTION OF THE ENGINEER. ALTERNATE METHODS OF CUTTING THE PAVEMENT SHALL BE APPROVED BY THE ENGINEER.

GENERAL NOTES (CONTINUATION)

21. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET. CONSTRUCTION ACTIVITIES MAY OCCUR BETWEEN 7:00 AM AND 7:00 PM MONDAY THROUGH FRIDAY AND FROM 8:30 AM TO 5:00 PM ON SATURDAYS. CONSTRUCTION ACTIVITIES ON SUNDAYS ARE PROHIBITED. NO WORK WILL BE PERFORMED ON FEDERAL HOLIDAYS OBSERVED IN ILLINOIS. CONSTRUCTION ACTIVITIES ARE IDENTIFIED AS THE OPERATION OF HEAVY EQUIPMENT, TO INCLUDE BUT NOT LIMITED TO ALL CONSTRUCTION TRUCKS AND EQUIPMENT. THIS IS TO INCLUDE THE WARMING UP OF ANY PIECE OF EQUIPMENT OR TURNING ON ENGINES.

22. BITUMINOUS MATERIALS (PRIME COAT):
    A. MATERIALS:
        i. EMULSIFIED ASPHALT SHALL ONLY BE USED BETWEEN THE DATES OF MAY 15TH AND SEPTEMBER 1ST. ON OR BEFORE MAY 15TH, AND ON OR AFTER SEPTEMBER 1ST, RC 70 ASPHALT SHALL BE USED IN LIEU OF EMULSIFIED ASPHALT.
        ii. ON DAYS BETWEEN MAY 15TH AND SEPTEMBER 1ST, WHEN THE AIR TEMPERATURE IS IN QUESTION, THE EXACT TYPE OF PRIMING ASPHALT SHALL BE DETERMINED BY THE ENGINEER.
    B. GENERAL:
        i. PRIME COAT MATERIAL SHALL BE SS1 ON HOT-MIX ASPHALT SURFACES AND MC30 ON AGGREGATE SURFACES.
        ii. THE CONTRACTOR SHALL ERECT, TO THE ENGINEER'S SATISFACTION, 36 INCH (MINIMUM SIZE) FRESH OIL AHEAD, SIGNS PRIOR TO APPLYING THE PRIME COAT.
        iii. SHIELDS, COVERS OR OTHER SUITABLE EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR TO PROTECT THE MOTORING PUBLIC, ADJOINING PAVEMENT, CURBS, AND/OR STRUCTURES DURING THE APPLICATION OF THE PRIME COAT.

23. DESIGN SPEEDS OF PROJECT ROADWAYS:
    WADSWORTH ROAD 50 M.P.H.
    GREEN BAY ROAD (IL 131) 50 M.P.H.

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

EROSION CONTROL

1. AREAS THAT MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

2. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS. PERIMETER EROSION BARRIER SHALL SURROUND THE STOCKPILE.

3. AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER: PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS AND AT LOCATIONS DIRECTED BY THE ENGINEER. TEMPORARILY SEED ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE AREA WITHIN THE CONTRACT LIMITS. BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT EROSION CONTROL SUCH AS RIPRAP DITCH LINING AND DOING FINAL SHAPING OF THE SLOPES.

4. EXCAVATED AREAS AND EMBANKMENT SHALL BE SODDED OR TEMPORARILY SEEDED IMMEDIATELY AFTER FINAL GRADING. ANY BARE EARTH THAT WILL NOT HAVE CONSTRUCTION ACTIVITY FOR 7 DAYS SHALL BE TEMPORARILY SEEDED.

5. SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION FOR EROSION CONTROL.

6. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1.5 FT. FALL/RISE IN DITCH GRADE.

7. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE.

8. ALL EROSION CONTROL ITEMS SHALL FOLLOW THE STORM WATER POLLUTION PREVENTION PLAN AND BE CONSTRUCTED AS SHOWN IN THE PLANS AND STANDARDS AND AS DESCRIBED IN THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER.

9. THE CONTRACTOR IS ADVISED THAT MUD AND DEBRIS MUST NOT BE DEPOSITED ON THE ADJACENT ROADWAYS. ANY DIRT AND DEBRIS ACCUMULATED ON THE PAVEMENT SHALL BE CLEANED BY THE CONTRACTOR WITHIN FOUR (4) HOURS OF THE INCIDENT AND IN ACCORDANCE WITH ARTICLE 107.15.

10. IN ACCORDANCE WITH ILLINOIS ENVIRONMENTAL PROTECTION AGENCY REQUIREMENTS FOR CONSTRUCTION PROJECTS DISTURBING ONE ACRE OR MORE TOTAL LAND AREA, THE CONTRACTOR SHALL DEVELOP, MAINTAIN AND UPDATE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS SPECIFIED IN THE SPECIAL PROVISION FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES).

11. CHRISTOPHER B. BURKE ENGINEERING, LTD. IS NOT RESPONSIBLE FOR IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN, 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.

LANDSCAPING

1. RECOMMENDED SEEDING DATES:

CLASS TYPE	DATES
2A	APRIL 1 TO JUNE 15; AUGUST 1 TO NOVEMBER 1
4 (MODIFIED)	MAY 15 TO JUNE 30
4B	MAY 15 TO JUNE 30; OCTOBER 15 TO DECEMBER 1

2. FERTILIZER NUTRIENTS: USE A FERTILIZER WITH AN ANALYSIS RATIO OF 1:1.

WADSWORTH ROAD	GREEN BAY ROAD
RATE PER ACRE FOR SEEDING:	RATE PER ACRE FOR SEEDING:
90 LBS. NITROGEN FERTILIZER NUTRIENT	90 LBS. NITROGEN FERTILIZER NUTRIENT
90 LBS. POTASSIUM FERTILIZER NUTRIENT	90 LBS. PHOSPHORUS FERTILIZER NUTRIENT
	90 LBS. POTASSIUM FERTILIZER NUTRIENT
RATE PER ACRE FOR SODDING:	RATE PER ACRE FOR SODDING:
60 LBS. NITROGEN FERTILIZER NUTRIENT	60 LBS. NITROGEN FERTILIZER NUTRIENT
60 LBS. POTASSIUM FERTILIZER NUTRIENT	60 LBS. PHOSPHORUS FERTILIZER NUTRIENT
	60 LBS. POTASSIUM FERTILIZER NUTRIENT

3. TREES TO BE SAVED: PARTICULAR EFFORT SHALL BE MADE TO SAVE ALL DESIRABLE EXISTING TREES OR UNDERGROWTH UNDER 6" DIAMETER CALIPER SIZE WHEN THEY ARE LOCATED OUTSIDE THE PROPOSED SHOULDER OR DITCH LINES IN AREAS OF CUT OR FILL SLOPES HAVING A GRADE CHANGE OF LESS THAN ONE FOOT. A MINIMUM OF GRADING SHALL BE PERMITTED WITHIN AN APPROXIMATE RADIUS OF 6 FT. FROM ALL TREES TO BE SAVED AS DETERMINED BY THE ENGINEER.

4. ALL PLANTINGS SHALL BE BACKFILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED AND HAVE ALL TAGS AND ROPES REMOVED.

5. TREES SHALL HAVE A WATERING SAUCER CONSTRUCTED AT THEIR BASE.

6. PRIVATELY OWNED LANDSCAPING ITEMS ENCROACHING IN THE RIGHT-OF-WAY SUCH AS PLANTERS, RAILROAD TIES, PRECAST CONCRETE BLOCKS, ETC. SHALL BE MOVED TO THE PRIVATE PROPERTY AS DIRECTED BY THE ENGINEER AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

7. TREE REMOVAL: CUT TREES AND LIMBS SHALL BE DISPOSED OF WITHIN 5 WORKING DAYS. THE CUT TREES AND LIMBS SHALL BE DISPOSED OF ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS".

8. TREE TRUNK PROTECTION: PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL INSTALL A SNOW FENCE OR OTHER HIGHLY VISIBLE BARRIER AROUND DESIGNATED TREES IN A MANNER MEETING THE ENGINEER'S APPROVAL. VISUAL BARRIERS, SUCH AS SINGLE STRAND WIRE OR PLASTIC FLAGGING, ARE NOT ACCEPTABLE FOR THIS PURPOSE. THE BARRIER SHALL BE MAINTAINED IN THE PROPER LOCATION AND IN GOOD REPAIR UNTIL THE COMPLETION OF CONSTRUCTION. REMOVAL AND DISPOSAL OF THE BARRIER SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

9. TREE ROOT PRUNING: BEFORE ANY TRENCHING OR EXCAVATION IN THE AREA OF A TREE, TREE ROOTS SHALL BE CUT WITH APPROPRIATE ROOT PRUNING EQUIPMENT TO A MINIMUM OF 24" DEEP. THE CUTS SHALL BE MADE 6" TO 12" CLOSER TO THE TREE THAN THE CONSTRUCTION LIMIT. THIS ALLOWS FOR ROOT REGENERATION (WITHIN THE 6" TO 12" AREA) DURING THE CONSTRUCTION PERIOD. PRUNING SHALL NOT BE DONE AT THE CONSTRUCTION LIMIT, SINCE THE CUT SURFACES OF THE ROOTS WILL REMAIN EXPOSED RESULTING IN ROOT DIEBACK.

10. TREE REMOVAL, TREE TRUNK PROTECTION, AND TREE ROOT PRUNING SHALL BE DONE AT THE LOCATIONS SHOWN ON THE DRAWINGS AND AS DIRECTED BY THE ENGINEER.

11. TOPSOIL
    A. THE WORK SHALL ALSO COMPLY WITH THE "ILLINOIS STATE AGENCY HISTORIC RESOURCES PRESERVATION ACT" (PUBLIC ACT 86-707, EFFECTIVE JANUARY 1, 1990). UNDER THIS ACT:
        i. THE CONTRACTOR SHALL COMPLETE AN ENVIRONMENTAL SURVEY REQUEST FORM FOR BORROW/WASTE/USE AREAS (BDE FORM 2289), ALONG WITH ALL REQUIRED ATTACHMENTS, AND SUBMIT THEM TO THE ENGINEER AT THE EARLIEST POSSIBLE DATE.
        ii. THE ENGINEER SHALL SUBMIT THE ENVIRONMENTAL SURVEY REQUEST TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION FOR REVIEW AND APPROVAL. ANY COSTS INCURRED ASSOCIATED WITH SAID REVIEW AND APPROVAL WILL BE BORNE BY THE CONTRACTOR.
        iii. THE CONTRACTOR SHALL NOT BEGIN WORK ON ANY BORROW/USE AREAS UNTIL THE ENVIRONMENTAL SURVEY REQUEST HAS BEEN APPROVED.
    B. THE CONTRACTOR SHALL COLLECT ONE REPRESENTATIVE SOIL SAMPLE FROM THE PROPOSED GROWING SURFACE WHICH SHALL BE ANALYZED BY AN AGRICULTURAL LABORATORY APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL SUBMIT THE PROPOSED LABORATORY NAME AND ADDRESS TO THE ENGINEER AT THE PRE-CONSTRUCTION CONFERENCE. THE SOILS ANALYSIS SHALL INCLUDE (BUT IS NOT LIMITED TO) THE RECOMMENDED APPLICATION RATES OF NITROGEN AND POTASSIUM FERTILIZER NUTRIENTS.

HAZARDOUS WASTE

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

FILE NAME = N:\LCDOT\#0229\Civil\NOT_040229_02.SHT	USER NAME = rmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	3

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

UTILITY COMPANY	AT&T CORP. (FORMERLY SBC)	AT&T LOCAL NETWORK SERVICES	COMCAST	COMED	NORTH SHORE GAS CO.	VILLAGE OF BEACH PARK	City of Waukegan Engineering Dept.	Village of Wadsworth
Address:	100 Commerce Drive Oak Brook, IL. 60523	4513 Western Ave., Suite 252 Lisle, IL 60532	686 Industrial Dr. Elmhurst, IL 60126	Libertyville Business Office 1500 Franklin Blvd. Libertyville, IL 60048	3001 Grand Ave. Waukegan, IL 60085	Village Hall / Public Works 11270 W. Wadsworth Rd. Beach Park, IL 60099-3358	Daniel T. Drew Municipal Complex 100 N. Martin Luther King Jr. Ave. Waukegan, Il 60085	14155 West Wadsworth Road Wadsworth, Illinois 60083
Contact Person:	Mr. Hector Garcia, Legal Mandate Engineer	Mr. Bobby Akhter, Engineer	Martha Gieras, Administrative Assistant Mr. Robert L. Schulter, Jr., Right-of-Way Manager - Greater Chicago Market	Ms. Terri J. Bleck, Manager, Public Relocation Group - Northeast Region	Mr. Jay R. Hammer, Senior Operations Specialist-Gas Engineering	Mr. Gene Gross, Superintendent	Mr. Roy Laubach P.E., City Engineer	Moses Amidei
Phone #	(630) 573-5485	(630) 810-6274	(630) 600-6352	(847) 816-5239	(847) 263-4678	(847) 746-1770 ext. 103	847-599-2500	847-336-7771
	hg2929@att.com	bobbyakhter@ems.att.com	martha_gieras@cable.comcast.com	terri.bleck@exeloncorp.com	jrhammer@integrysgroup.com	gnelson@villageofbeachpark.com	john.moore@ci.waukegan.il.us	mamidei@villageofwadsworth.org
Topographic Plans (from Survey)								
Sent Date		6/29/2004	6/29/2004	6/29/2004	6/29/2004	9/20/2004	9/22/2004	9/21/2009
Response Date		7/6/2004	9/28/2004	8/6/2004	7/14/2004			
Potential Impact/Clear		CLEAR	IMPACT	IMPACT	IMPACT	IMPACT		
Atlas Received (Y/N)			YES	YES	YES			
Drafted Date			9/27/2004	9/27/2004	9/27/2004			
Preliminary Plans								
Sent Date	7/7/2009 (2 full size sets)	7/20/09 (.pdf on CD via FedEx)	7/9/09 (.pdf on CD via FedEx)	7/7/2009 (2 full size sets)	7/7/2009 (2 full size sets)	7/7/2009 (.pdf file via e-mail)	7/20/09 (.pdf on CD via FedEx)	9/21/09 (2 sets 11"x17" via FedEx)
Response Date	10/20/09 (letter w/plan markup)	No response	7/28/09 (letter w/atlas page)	8/05/09 (letter, conflict assess chart, atlas)	7/13/09 (phone call asking about sched.)	No response	No response	10/12/2009 (e-mail)
Impact/Clear	YES	UNDETERMINED	UNDETERMINED	YES		UNDETERMINED	UNDETERMINED	CLEAR
Returned Marked-up Set (Y/N)	Y	N	N	Y		N	N	N
Pre-Final Plans (1 set)								
Sent Date	2/16/2010 (2 full size sets)	2/16/2010 (.pdf on CD)	2/16/2010 (.pdf on CD)	2/16/2010 (2 full size sets)	2/16/2010 (2 full size sets)	2/17/2010 (.pdf file via e-mail)	2/16/2010 (.pdf on CD)	2/16/2010 (one 11"x17" via FedEx)
Relocation or Adjustment Design Request (Y/N)				2/19/10 (phone: requested drawing files)	2/19/10 (phone: will assess conflicts)	7/11/12 (marked up conflicts/relocations)		
Additions or Corrections Received Date								
Final Plans (1 set)								
Sent Date								Send 100% PSE per M.A. request
Proceed with Relocation or Adjustment Request (Y/N)								
Additions or Corrections Received Date								

UTILITY COMPANY	Abovenet Communications, Inc.	Extenet Systems	Central Lake County Joint Action Water Agency ("JAWA")	Lake County (Water)	Lakes Region Sanitary District	Natural Gas Pipeline Co./Kinder Morgan	NICOR GAS CO.	North Shore Sanitary District
Address:	820 Oak Creek Drive Lombard, IL 60148	303 Warrenville Rd. Lisle, IL 60532	200 Rockland Rd. Lake Bluff, IL 60044	Department Of Public Works 650 W. Winchester Rd. Libertyville, IL 60048-1391	25700 W. Old Grand Ave. Ingleside, IL 60041-8524	23725 W. County Farm Rd. Shorewood, IL 60436	1844 Ferry Rd. Naperville, IL 60563	P.O. Box 750 Gurnee, IL 60031
Contact Person:	Mr. Timothy Payment	Mr. Raymond Lam, Director, Network Operations and Performance	Ms. Maria Leschinskaya, Engineering Technician	Mr. Gordon White, P.E.	Mr. Kevin R. Hausherr, Operation & Maintenance Manager	Mr. Craig Howard, Engineer	Ms. Constance Lane, Utility Consultant	Mr. Bill Stoltz, Supervisor of Design and Construction
Phone #	(630) 203-8003	(312) 933-8880	(847) 295-7788	(847) 377-7122	(847) 973-8940	(815) 272-9110	(630) 388-3830	(847) 623-6060
	TPayment@above.net	rlam@extenetsystems.com	maria@clcjawa.com	gwhite2@lakecounty.il.us	kevin.hausherr@lrsanitary.com	craig_howard@kindermorgan.com	clane@nicor.com	bstoltz@northshoresanitary.org
Topographic Plans (from Survey)								
Sent Date				9/21/2004				
Response Date				9/21/2004 (Fax)				
Potential Impact/Clear				CLEAR				
Atlas Received (Y/N)				YES				
Drafted Date								
Preliminary Plans								
Sent Date	7/9/09 (.pdf on CD via FedEx)	7/7/2009 (.pdf file via e-mail)	7/7/2009 (.pdf file via e-mail)	7/20/09 (.pdf on CD via FedEx)	7/7/2009 (.pdf file via e-mail)	7/8/2009 (2 .pdf files via e-mail)	7/9/09 (.pdf on CD via FedEx)	7/7/2009 (.pdf file via e-mail)
Response Date	7/13/2009 (e-mail)	7/7/2009 (e-mail)	7/7/2009 (e-mail)	7/27/2009 (e-mail)	7/20/2009 (e-mail)	7/8/2009 (letter)	7/13/2009 (letter)	7/8/2009 (e-mail)
Impact/Clear	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR
Returned Marked-up Set (Y/N)	N	N	N	N	N	N	N	N
Pre-Final Plans (1 set)								
Sent Date	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Relocation or Adjustment Design Request (Y/N)								
Additions or Corrections Received Date								
Final Plans (1 set)								
Sent Date	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Proceed with Relocation or Adjustment Request (Y/N)								
Additions or Corrections Received Date								

UTILITY COMPANY	Northern Moraine Wastewater Reclamation District	PAETEC (former McLeodUSA)	QWEST COMMUNICATIONS	SPRINT	Utilities, Inc.	VERIZON (formerly MCI)	We Energies
Address:	420 Timber Trail Island Lake, IL 60042-0240	1815 S. Meyers Road Suite 900 Oak Brook Terrace, Illinois 60181	13057 Monitor Dr. Palos Heights, IL 60463	5600 N. River Rd. Rosemont, IL 60018	5509 Highland Dr. McHenry, IL 60050	Continental Towers 7719 N. 68th Place Summit, IL 60501	Electric Operations 333 W. Everett Street Milwaukee, WI 53203
Contact Person:	Mr. Mark Higby, Superintendent Ms. Maria Carrera, Adm. Assistant	Mr. Paul Baumann	Mr. Kevin Huff	Mr. Jim Burton, Cable Projects Engineer - North Central Region	Mr. John J. Castillo	Mr. Tom Buher	Dan Sande, Project Manager CO Regulatory/Utility Accommodations
Phone #	(847) 526-3300	(630) 926-4751	(708) 837-7927	(847) 318-3437	(847) 497-3919	(708) 458-6410	(414) 221-4578
	pmwrd@amentech.net	pbaumann@mcleodusa.com	kevin.huff@qwest.com	james.m.burton@sprint.com	jjcastillo@uiwater.com	thomas.buher@verizonbusiness.com	Dan.Sande@we-energies.com
Topographic Plans (from Survey)							
Sent Date							
Response Date							
Potential Impact/Clear							
Atlas Received (Y/N)							
Drafted Date							
Preliminary Plans							
Sent Date	7/20/09 (.pdf on CD via FedEx)	7/20/09 (.pdf on CD via FedEx)	7/20/09 (.pdf on CD via FedEx)	7/7/2009 (.pdf file via e-mail)	7/9/09 (.pdf on CD via FedEx)	7/9/09 (.pdf on CD via FedEx)	7/8/2009 (2 .pdf files via e-mail)
Response Date	7/21/2009 (e-mail)	7/21/2009 (e-mail)	No response	8/31/2009 (e-mail)	No response	7/16/2009 (e-mail)	7/13/2009 (e-mail)
Impact/Clear	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR
Returned Marked-up Set (Y/N)	N	N	N	N	N	N	N
Pre-Final Plans (1 set)							
Sent Date	N/A	N/A	2/16/2010 (.pdf on CD)	N/A	2/16/2010 (.pdf on CD)	N/A	N/A
Relocation or Adjustment Design Request (Y/N)			2/19/10 (e-mail)		2/25/10 (e-mail)		
Additions or Corrections Received Date							
Final Plans (1 set)							
Sent Date	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Proceed with Relocation or Adjustment Request (Y/N)							
Additions or Corrections Received Date							

FILE NAME =	USER NAME = mmorsi	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**WADSWORTH ROAD AT GREEN BAY ROAD** **UTILITY COORDINATION SUMMARY**	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\LEGDOT\B4229\Civil\UTIL_B4229_01.SHT		DRAWN -	REVISED -			1209	03-00033-12-CH	LAKE	189	4
	PLOT SCALE = 1'	CHECKED -	REVISED -					CONTRACT NO. **63766**		
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

Specialty Item	SP REQ'D (Y/N)	PAY ITEM No.	Description	Unit	Total Quantity	Roadway 0003	Landscaping 0031	Drainage 0044	Traffic Signals 0021	Non-Participating Items
*	N	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	373	---	373	---	---	---
*	N	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	690	---	666	---	---	24
	Y	20101000	TEMPORARY FENCE	FOOT	915	---	761	---	---	154
*	N	20101100	TREE TRUNK PROTECTION	EACH	20	---	17	---	---	3
*	N	20101200	TREE ROOT PRUNING	EACH	15	---	12	---	---	3
*	N	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	6	---	5	---	---	1
*	N	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	12	---	10	---	---	2
*	N	20101700	SUPPLEMENTAL WATERING	UNIT	5	---	3	---	---	2
	N	20200100	EARTH EXCAVATION	CU YD	8324	5657	---	---	---	2667
	N	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20053	18490	---	55	---	1508
	Y	20800150	TRENCH BACKFILL	CU YD	1731	390	---	1273	---	68
	N	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	24555	20362	---	55	---	4138
*	N	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	26730	---	21195	---	---	5535
*	N	21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	7533	---	---	---	---	7533
	Y	21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	300	300	---	---	---	---
*	N	25000210	SEEDING, CLASS 2A	ACRE	5.57	---	4.57	---	---	1
*	Y	25000314	SEEDING, CLASS 4B	ACRE	1.16	---	0.16	---	---	1
*	N	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	600	---	498	---	---	102
*	N	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	191	---	191	---	---	---
*	N	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	600	---	498	---	---	102
*	N	25100115	MULCH, METHOD 2	ACRE	5.47	---	4.47	---	---	1
*	N	25100630	EROSION CONTROL BLANKET	SQ YD	19350	---	16090	---	---	3260
*	N	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	3750	---	3118	---	---	632
*	N	25200110	SODDING, SALT TOLERANT	SQ YD	6808	---	5661	---	---	1147
*	N	25200200	SUPPLEMENTAL WATERING	UNIT	25	---	21	---	---	4
	N	28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	120	---	100	---	---	20
*	N	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	685	---	514	---	---	171
	Y	28000305	TEMPORARY DITCH CHECKS	FOOT	1220	---	1014	---	---	206
	Y	28000400	PERIMETER EROSION BARRIER	FOOT	5292	---	4400	---	---	892
	N	28000510	INLET FILTERS	EACH	85	---	83	---	---	2
	N	28100105	STONE RIPRAP, CLASS A3	SQ YD	100	---	83	---	---	17
	Y (D1)	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	7452	6570	---	55	---	827
	Y (D1)	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	51815	44505	---	---	---	7310
	N	35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	82	82	---	---	---	---
	N	35101400	AGGREGATE BASE COURSE, TYPE B	TON	4	---	---	---	---	4
	N	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	4041	3360	---	---	---	681
	N	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	23280	20355	---	---	---	2925
	N	40600300	AGGREGATE (PRIME COAT)	TON	134	117	---	---	---	17
	N	40600695	CONSTRUCTING TEST STRIP	EACH	4	3	---	---	---	1
	N	40600962	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	350	215	---	---	---	135
	N	40600990	TEMPORARY RAMP	SQ YD	400	333	---	---	---	67
	N	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1247	1037	---	---	---	210
	N	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1726	1437	---	---	---	291

Specialty Item	SP REQ'D (Y/N)	PAY ITEM No.	Description	Unit	Total Quantity	Roadway 0003	Landscaping 0031	Drainage 0044	Traffic Signals 0021	Non-Participating Items
	N	40701676	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"	SQ YD	29450	21957	---	---	---	7493
	N	40701886	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4"	SQ YD	18370	18370	---	---	---	---
	N	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	40	33	---	---	---	7
	N	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	342	75	---	---	---	267
	N	42400600	DETECTABLE WARNINGS	SQ FT	73	---	---	---	---	73
	N	44000100	PAVEMENT REMOVAL	SQ YD	47247	41712	---	---	---	5535
	N	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3772	3382	---	---	---	390
	N	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2160	2160	---	---	---	---
	N	44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	560	466	---	---	---	94
	N	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	560	466	---	---	---	94
	N	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	560	466	---	---	---	94
	N	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	560	466	---	---	---	94
	N	44213200	SAW CUTS	FOOT	3000	2494	---	---	---	506
	N	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	5153	4546	---	---	---	607
	N	48203013	HOT-MIX ASPHALT SHOULDERS, 4"	SQ YD	826	826	---	---	---	---
	N	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	1776	1776	---	---	---	---
	N	48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	1439	1439	---	---	---	---
	N	50104400	CONCRETE HEADWALL REMOVAL	EACH	69	---	---	57	---	12
	N	50105220	PIPE CULVERT REMOVAL	FOOT	1943	---	---	1472	---	471
	N	50300225	CONCRETE STRUCTURES	CU YD	39	---	---	39.0	---	---
	N	50300300	PROTECTIVE COAT	SQ YD	2000	---	---	2000	---	---
	N	50800105	REINFORCEMENT BARS	POUND	2580	---	---	2580	---	---
	N	542A0211	PIPE CULVERTS, CLASS A, TYPE 1 6"	FOOT	2	---	---	2	---	---
	N	542A0215	PIPE CULVERTS, CLASS A, TYPE 1 10"	FOOT	6	---	---	6	---	---
	N	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	188	---	---	188	---	---
	N	542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	222	---	---	162	---	60
	N	542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	174	---	---	174	---	---
	N	542A5470	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	20	---	---	0	---	20
	N	542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	130	---	---	60	---	70
	N	5421D012	PIPE CULVERTS, CLASS D, TYPE 1 12"(TEMPORARY)	FOOT	109	---	---	89	---	20
	N	5421D015	PIPE CULVERTS, CLASS D, TYPE 1 15"(TEMPORARY)	FOOT	376	---	---	306	---	70
	N	5421D036	PIPE CULVERTS, CLASS D, TYPE 1 36"(TEMPORARY)	FOOT	42	---	---	42	---	---
	N	54213655	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 10"	EACH	2	---	---	2	---	---
	N	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	---	---	1	---	---
	N	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	13	---	---	13	---	---
	N	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	13	---	---	11	---	2
	N	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	---	---	6	---	---
	N	54214500	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	2	---	---	0	---	2
	N	54214503	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	4	---	---	2	---	2
	N	54260311	TRAVERSABLE PIPE GRATE	FOOT	119	---	---	119	---	---
	N	54261330	CONCRETE END SECTION, STANDARD 542001, 30", 1:3	EACH	2	---	---	2	---	---
	N	54261336	CONCRETE END SECTION, STANDARD 542001, 36", 1:3	EACH	6	---	---	6	---	---
	N	54261442	CONCRETE END SECTION, STANDARD 542001, 42", 1:4	EACH	1	---	---	1	---	---

FILE NAME = N:\LCDOT\M42229\Civil\QUS_042229_01.SHT

USER NAME = pmagana1b | DESIGNED - | REVISED -
DRAWN - | REVISED -
PLOT SCALE = 1' | CHECKED - | REVISED -
PLOT DATE = 2/6/2013 | DATE - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	5
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

Specialty Item	SP REQ'D (Y/N)	PAY ITEM No.	Description	Unit	Total Quantity	Roadway 0003	Landscaping 0031	Drainage 0044	Traffic Signals 0021	Non-Participating Items
	N	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	487	---	---	487	---	---
	N	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	100	---	---	100	---	---
	N	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	11	---	---	11	---	---
	N	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	6	---	---	6	---	---
	N	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	26	---	---	26	---	---
	N	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	108	---	---	108	---	---
	N	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	124	---	---	124	---	---
	N	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	703	---	---	703	---	---
	N	550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	286	---	---	286	---	---
	N	550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	471	---	---	471	---	---
	N	550A5300	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	259	---	---	259	---	---
	N	55100500	STORM SEWER REMOVAL 12"	FOOT	1219	---	---	1219	---	---
	N	55100700	STORM SEWER REMOVAL 15"	FOOT	353	---	---	353	---	---
	N	55100900	STORM SEWER REMOVAL 18"	FOOT	86	---	---	86	---	---
	N	55101100	STORM SEWER REMOVAL 21"	FOOT	54	---	---	54	---	---
*	Y	56100600	WATER MAIN 6"	FOOT	13	13	---	---	---	---
*	Y	56100700	WATER MAIN 8"	FOOT	40	40	---	---	---	---
*	Y	56100900	WATER MAIN 12"	FOOT	578	578	---	---	---	---
*	Y	56101000	WATER MAIN 16"	FOOT	1137	1137	---	---	---	---
*	Y	56105200	WATER VALVES 12"	EACH	4	4	---	---	---	---
*	Y	56105300	WATER VALVES 16"	EACH	4	4	---	---	---	---
*	Y	56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	14	14	---	---	---	---
	N	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	9	---	---	7	---	2
	N	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	10	---	---	9	---	1
	N	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	23	---	---	22	---	1
	N	60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2	---	---	2	---	---
	N	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	---	---	6	---	2
	N	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	---	---	9	---	---
	N	60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	---	---	1	---	---
	N	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	---	---	5	---	---
	N	60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	3	---	---	3	---	---
	N	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	---	---	2	---	---
	N	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2	---	---	2	---	---
*	N	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	8	---	---	---	---
	N	60500040	REMOVING MANHOLES	EACH	10	10	---	---	---	---
	N	60500050	REMOVING CATCH BASINS	EACH	12	12	---	---	---	---
	N	60500060	REMOVING INLETS	EACH	7	7	---	---	---	---
	N	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	18	16	---	---	---	2
	N	60600605	CONCRETE CURB, TYPE B	FOOT	70	70	---	---	---	---
	N	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	190	44	---	---	---	146
	N	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5459	4639	---	---	---	820
	N	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	2660	2660	---	---	---	---
*	Y	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4400	4145	---	---	---	255

Specialty Item	SP REQ'D (Y/N)	PAY ITEM No.	Description	Unit	Total Quantity	Roadway 0003	Landscaping 0031	Drainage 0044	Traffic Signals 0021	Non-Participating Items
*	Y	66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1	---	---	---	---
*	Y	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5	---	---	---	---
	N	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	15	---	---	---	3
	N	67100100	MOBILIZATION	L SUM	1	0.84	---	---	---	0.16
	N	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	20	17	---	---	---	3
*	N	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5867	4878	---	---	---	989
	N	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	524	436	---	---	---	88
	N	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	69770	58014	---	---	---	11756
	N	70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	28673	23842	---	---	---	4831
	N	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2160	1796	---	---	---	364
	N	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1040	865	---	---	---	175
	N	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	295	189	---	---	---	106
	N	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	17088	14209	---	---	---	2879
	N	70400100	TEMPORARY CONCRETE BARRIER	FOOT	2800	2328	---	---	---	472
	N	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3500	2910	---	---	---	590
*	N	72000100	SIGN PANEL - TYPE 1	SQ FT	368	306	---	---	---	62
*	N	72900100	METAL POST - TYPE A	FOOT	544	452	---	---	---	92
*	N	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1069	850	---	---	---	219
*	N	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	35913	30393	---	---	---	5520
*	N	78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	11510	8552	---	---	---	2958
*	N	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2166	1756	---	---	---	410
*	N	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1767	930	---	---	---	837
*	N	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	313	233	---	---	---	80
*	N	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	410	339	---	---	---	71
*	N	78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	642	534	---	---	---	108
*	N	78300100	PAVEMENT MARKING REMOVAL	SQ FT	3083	2564	---	---	---	519
*	N	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	200	166	---	---	---	34
*	N	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	2	---	---	---	1	1
*	N	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	8155	---	---	---	7982	173
*	N	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	84	---	---	---	70	14
*	N	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	60	---	---	---	60	---
*	N	81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	89	---	---	---	---	89
*	N	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	723	---	---	---	517	206
*	N	81400100	HANDHOLE	EACH	20	---	---	---	17	3
*	N	81400200	HEAVY-DUTY HANDHOLE	EACH	4	---	---	---	4	---
*	N	81400300	DOUBLE HANDHOLE	EACH	3	---	---	---	2	1
*	N	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP - TYPE USE) 1/C NO. 10	FOOT	1100	---	---	---	---	1100
*	N	82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	3	---	---	---	---	3
*	Y	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	---	---	---	1	---
*	Y	85000400	MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	---	---	---	---	1
*	N	86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	2	---	---	---	1	1
*	Y	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7990	---	---	---	7990	---
*	N	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1660	---	---	---	847	813

FILE NAME = N:\LCDOT\D4229\Civil\DIA_040229_02.SHT

USER NAME = pmagrath

PLOT SCALE = 1'

PLOT DATE = 2/6/2013

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	
REVISED	
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
SUMMARY OF QUANTITIES

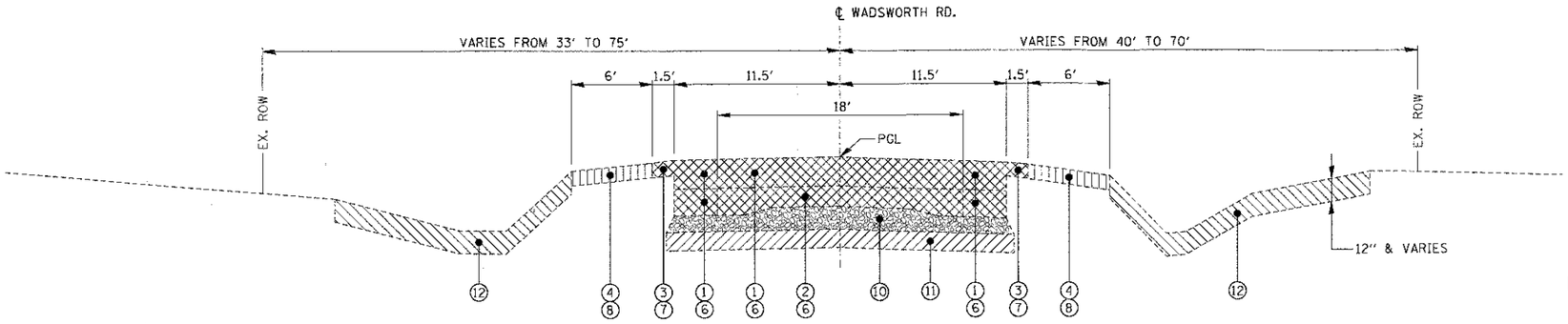
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	6
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

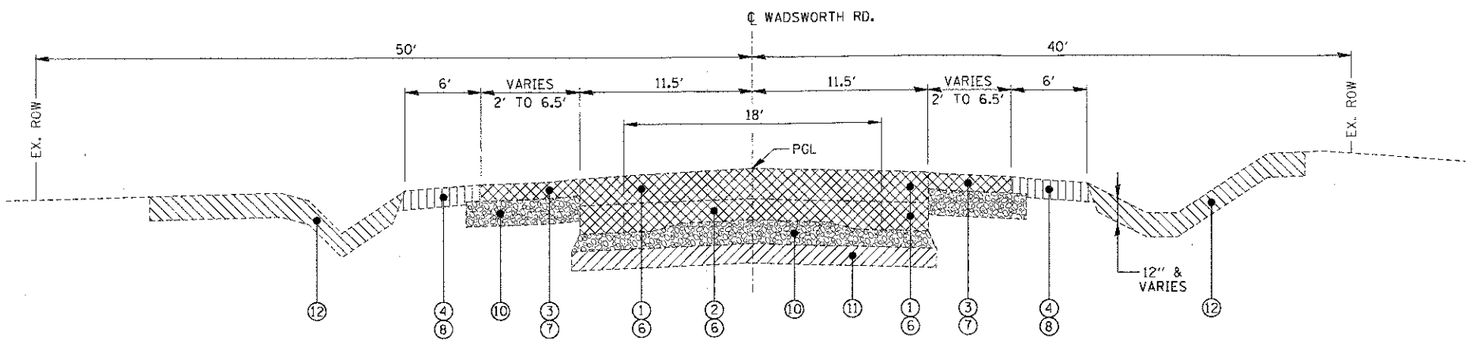
Specialty Item	SP REQ'D (Y/N)	PAY ITEM No.	Description	Unit	Total Quantity	Roadway 0003	Landscaping 0031	Drainage 0044	Traffic Signals 0021	Non-Participating Items
*	N	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1453	—	—	—	712	741
*	N	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2632	—	—	—	1725	907
*	N	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3081	—	—	—	2478	603
*	N	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4355	—	—	—	4355	—
*	N	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	243	—	—	—	49	194
*	Y	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1261	—	—	—	718	543
*	N	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4	—	—	—	4	—
*	N	87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1	—	—	—	1	—
*	N	87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	2	—	—	—	2	—
*	N	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1	—	—	—	1	—
*	N	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	24	—	—	—	16	8
*	N	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8	—	—	—	4	4
*	Y	87800415	CONCRETE FOUNDATION TYPE E, 36-INCH DIAMETER	FOOT	105	—	—	—	60	45
*	N	87900200	DRILL EXISTING HANDHOLE	EACH	1	—	—	—	1	—
*	N	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10	—	—	—	6	4
*	N	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	—	—	—	—	2
*	N	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	—	—	—	—	2
*	N	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	8	—	—	—	6	2
*	N	88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	—	—	—	2	—
*	N	88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2	—	—	—	2	—
*	N	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	—	—	—	—	4
*	N	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	18	—	—	—	12	6
*	N	88500100	INDUCTIVE LOOP DETECTOR	EACH	14	—	—	—	14	—
*	N	88600100	DETECTOR LOOP, TYPE I	FOOT	853	—	—	—	853	—
*	N	88700200	LIGHT DETECTOR	EACH	2	—	—	—	—	2
*	N	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1	—	—	—	—	1
*	N	88800100	PEDESTRIAN PUSH-BUTTON	EACH	4	—	—	—	—	4
*	N	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	—	—	—	1	—
*	Y	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	—	—	—	1	1
*	N	89502380	REMOVE EXISTING HANDHOLE	EACH	14	—	—	—	14	—
*	N	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9	—	—	—	9	—
*	N	A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	13	—	6	—	—	7
*	N	A2008120	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLE LEAF LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	—	5	—	—	—
*	N	A2008453	TREE, ULMUS ACCOLADE (HYBRID ELM), 3" CALIPER, BALLED AND BURLAPPED	EACH	25	—	18	—	—	7
*	N	B2000130	TREE, ACER FREEMANII CELZAM (CELEBRATION FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	—	3	—	—	3
*	N	B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND	EACH	8	—	4	—	—	4
	Y	X0322936	REMOVING EXISTING FLARED END SECTION	EACH	28	—	—	23	—	5
*	Y	X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	4	4	—	—	—	—
*	Y	X0326885	VIDEO DETECTION SYSTEM	EACH	1	—	—	—	—	1
	Y	X0426200	DEWATERING	L SUM	1	1	—	—	—	—
*	Y	X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	1.00	—	—	—	—	1.00
	Y (D1)	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	23	16	—	—	—	7
	Y (D1)	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	18	18	—	—	—	—

Specialty Item	SP REQ'D (Y/N)	PAY ITEM No.	Description	Unit	Total Quantity	Roadway 0003	Landscaping 0031	Drainage 0044	Traffic Signals 0021	Non-Participating Items
	Y (D1)	X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	5	—	—	—	1
	Y	X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	3	2	—	—	—	1
	Y	X5401203	PRECAST CONCRETE BOX CULVERTS 12' X 3' (SPECIAL)	FOOT	60	—	—	60	—	—
*	Y	X5610700	WATER MAIN REMOVAL	FOOT	1785	1785	—	—	—	—
	Y	X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	FOOT	4687	—	—	3644	—	1043
	Y	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.83	—	—	—	0.17
*	Y	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2	—	—	—	1	1
*	Y	X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	8029	—	—	—	8029	—
*	Y	X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	356	—	—	—	—	356
*	Y	X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	473	—	—	—	374	99
*	Y	X8770126	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT. (SPECIAL)	EACH	2	—	—	—	—	2
*	Y	X8770127	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT. (SPECIAL)	EACH	1	—	—	—	—	1
	Y	XX000610	RELOCATE EXISTING MAILBOX	EACH	12	9	—	—	—	3
*	Y	XX003037	DUCTILE IRON FITTINGS AND ACCESSORIES	POUND	10255	10255	—	—	—	—
*	Y	XX005931	TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	2	—	—	—	—	2
*	Y	XX005937	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	7	—	—	—	4	3
*	Y	XX005940	REMOTE CONTROLLED VIDEO SYSTEM	EACH	2	—	—	—	1	1
*	Y	XX006111	WATER SERVICE RECONNECTION, WITH NEW BUFFALO BOX, LONG SIDE 1"(MINIMUM)	EACH	2	2	—	—	—	—
*	Y	XX006112	WATER SERVICE RECONNECTION, WITH NEW BUFFALO BOX, SHORT SIDE 1"(MINIMUM)	EACH	6	6	—	—	—	—
	Y	XX006522	FURNISH WITNESS POST	EACH	45	37	—	—	—	8
*	Y	XX006655	LAYER II (DATALINK) SWITCH	EACH	2	—	—	—	1	1
*	Y	XX008131	ELECTRIC CABLE IN CONDUIT, VIDEO NO. 18 3C	FOOT	550	—	—	—	—	550
*	Y	XX008253	VIDEO ENCODER	EACH	2	—	—	—	1	1
	Y	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	400	209	—	—	—	191
	Y	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	56	—	—	49	—	7
	Y	Z0019600	DUST CONTROL WATERING	UNIT	10	7	—	—	—	3
	Y	Z0022800	FENCE REMOVAL	FOOT	1200	1200	—	—	—	—
	Y	70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	6	4	—	—	—	2
	Y	70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	6	6	—	—	—	—
*	Y	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	200	166	—	—	—	34
*	Y	Z0033024	MAINTAIN EXISTING LIGHTING SYSTEM	L SUM	1	—	—	—	1	—
*	Y	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	3	—	—	—	1	2
*	Y	Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	2	2	—	—	—	—
	Y (bde)	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	—	—	—	1	—
	Y	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	779	—	—	699	—	80
	Y	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	194	—	—	194	—	—
	Y	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	536	—	—	119	—	417
	Y	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	100	—	—	100	—	—
	Y	Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	18	—	—	18	—	—
	Y	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	457	—	—	457	—	—
	Y (D1)	Z0062456	TEMPORARY PAVEMENT	SQ YD	14864	12359	—	—	—	2505
	Y (bde)	Z0076600	TRAINEES CONSTRUCTION CODE 0042	HOUR	1000	830	—	—	—	170
	Y (bde)	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE CONSTRUCTION CODE 0042	HOUR	1000	830	—	—	—	170



EXISTING TYPICAL SECTION

STA. 144+49.50 TO STA. 146+50, WADSWORTH ROAD
STA. 156+10 TO STA. 172+25, WADSWORTH ROAD



EXISTING TYPICAL SECTION

STA. 146+50 TO STA. 156+10, WADSWORTH ROAD

EXISTING LEGEND

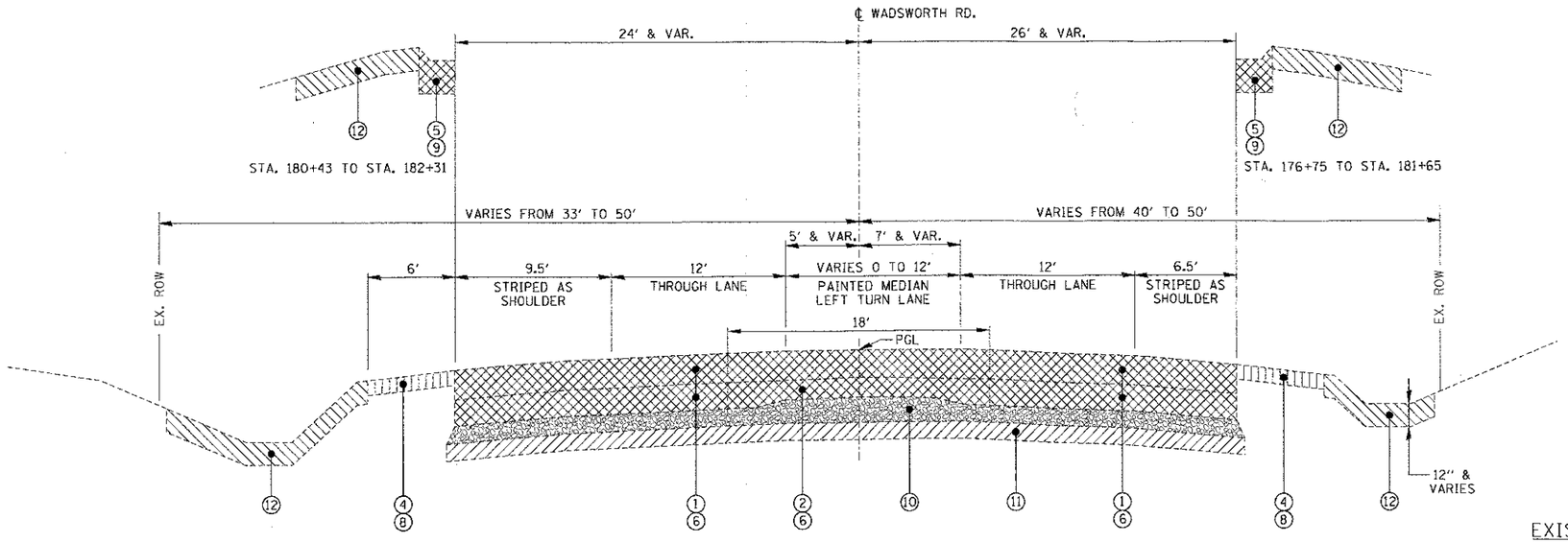
1. EXISTING HOT-MIX ASPHALT PAVEMENT *
2. EXISTING P.C. CONCRETE BASE COURSE *
3. EXISTING HOT-MIX ASPHALT SHOULDER
4. EXISTING AGGREGATE OR EARTH SHOULDER
5. EXISTING COMBINATION CONCRETE CURB AND GUTTER
6. PAVEMENT REMOVAL
7. PAVED SHOULDER REMOVAL
8. AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
9. COMBINATION CURB AND GUTTER REMOVAL
10. AGGREGATE SUB-BASE REMOVAL (PAID FOR AS EARTH EXCAVATION)
11. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (AS DIRECTED BY THE ENGINEER)
12. TOPSOIL EXCAVATION (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)

SEE LANDSCAPING PLAN FOR LIMITS

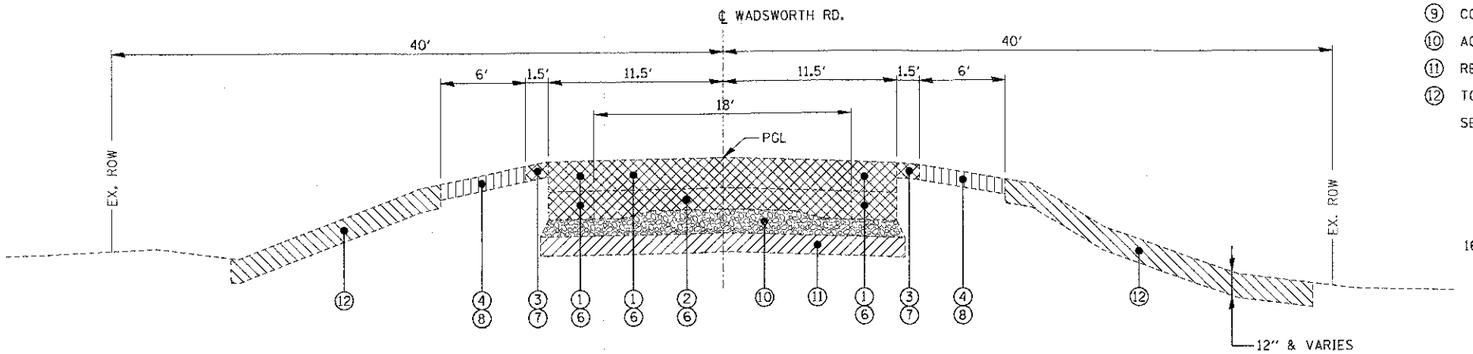
* EXISTING PAVEMENT
WADSWORTH ROAD

144+51-162+50: 18' WIDE 9"-6"-9" P.C.C. PAVEMENT WITH 9.7" HMA OVERLAY
EXISTING WIDENING IS 16.0" THICK HMA
162+50-195+05: 18' WIDE 9"-6"-9" P.C.C. PAVEMENT WITH 9.4" HMA OVERLAY
EXISTING WIDENING IS 16.0" THICK HMA

FILE NAME = N:\LCDOT\04229\Civil\TYP_042229_01.SHT	USER NAME = cmcrory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD EXISTING TYPICAL SECTIONS	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189 / SHEET NO. 8
	PLOT SCALE = 10'	DRAWN -	REVISED -					CONTRACT NO. 63766	
	PLOT DATE = 11/13/2012	CHECKED	REVISED		SCALE: SHEET NO. OF SHEETS STA. 144+49.50 TO STA. 172+25.00	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	
		DATE -	REVISED -						



EXISTING TYPICAL SECTION
STA. 172+25 TO STA. 188+45, WADSWORTH ROAD



EXISTING TYPICAL SECTION
STA. 188+45 TO STA. 195+98.95, WADSWORTH ROAD

EXISTING LEGEND

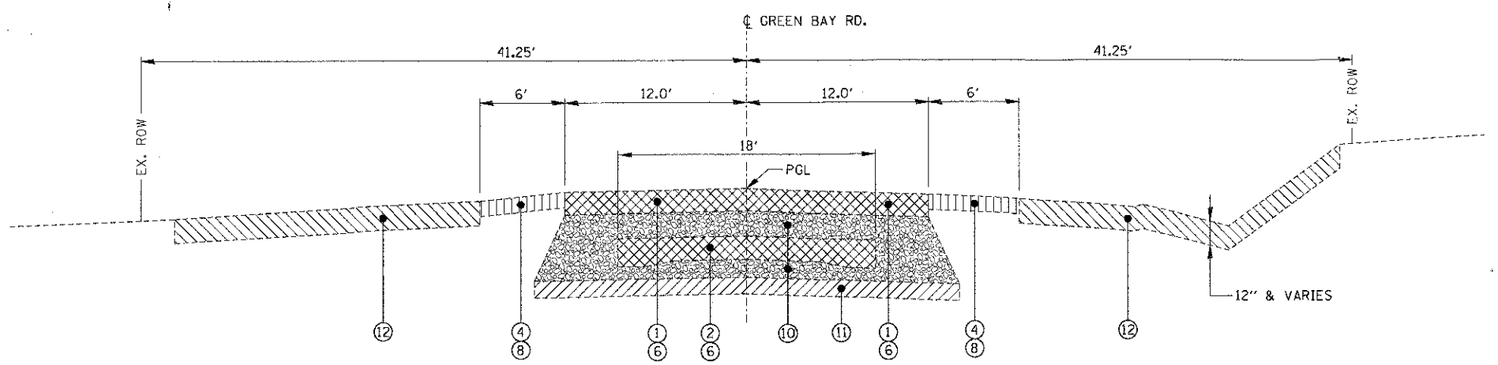
1. EXISTING HOT-MIX ASPHALT PAVEMENT *
2. EXISTING P.C. CONCRETE BASE COURSE *
3. EXISTING HOT-MIX ASPHALT SHOULDER
4. EXISTING AGGREGATE OR EARTH SHOULDER
5. EXISTING COMBINATION CONCRETE CURB AND GUTTER
6. PAVEMENT REMOVAL
7. PAVED SHOULDER REMOVAL
8. AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
9. COMBINATION CURB AND GUTTER REMOVAL
10. AGGREGATE SUB-BASE REMOVAL (PAID FOR AS EARTH EXCAVATION)
11. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (AS DIRECTED BY THE ENGINEER)
12. TOPSOIL EXCAVATION (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)

SEE LANDSCAPING PLAN FOR LIMITS

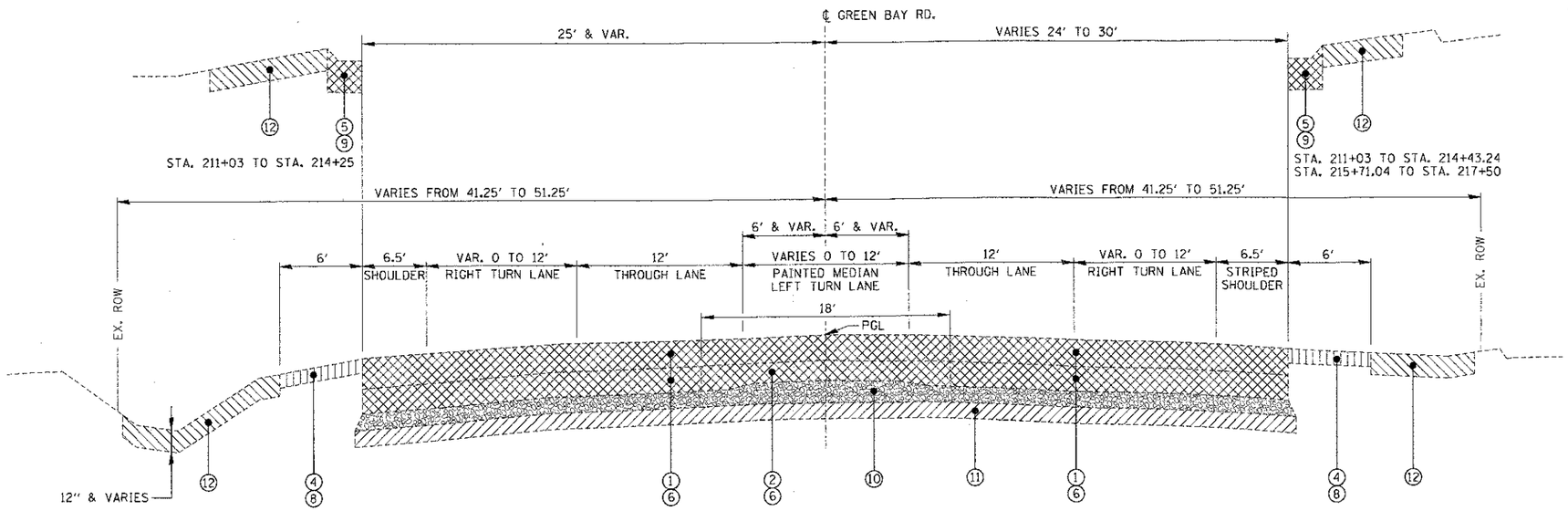
* EXISTING PAVEMENT
WADSWORTH ROAD

162+50-195+05: 18' WIDE 9"-6"-9" P.C.C. PAVEMENT WITH 9.4" HMA OVERLAY
EXISTING WIDENING IS 16.0" THICK HMA

FILE NAME = N:\LCDOT\04229\Civil\TYP_040229_02.SHT	USER NAME = nmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD EXISTING TYPICAL SECTIONS	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189 / SHEET NO. 9
		DRAWN -	REVISED -					CONTRACT NO. 63766	
	PLOT SCALE = 10'	CHECKED -	REVISED -						
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 172+25.00 TO STA. 195+98.95	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION
STA. 199+91.10 TO STA. 207+70, GREEN BAY ROAD



EXISTING TYPICAL SECTION
STA. 207+70 TO STA. 218+00, GREEN BAY ROAD

EXISTING LEGEND

(1) EXISTING HOT-MIX ASPHALT PAVEMENT *
(2) EXISTING P.C. CONCRETE BASE COURSE *
(3) EXISTING HOT-MIX ASPHALT SHOULDER
(4) EXISTING AGGREGATE OR EARTH SHOULDER
(5) EXISTING COMBINATION CONCRETE CURB AND GUTTER
(6) PAVEMENT REMOVAL
(7) PAVED SHOULDER REMOVAL
(8) AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
(9) COMBINATION CURB AND GUTTER REMOVAL
(10) AGGREGATE SUB-BASE REMOVAL (PAID FOR AS EARTH EXCAVATION)
(11) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (AS DIRECTED BY THE ENGINEER)
(12) TOPSOIL EXCAVATION (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL) SEE LANDSCAPING PLAN FOR LIMITS

* EXISTING PAVEMENT
GREEN BAY ROAD

199+91-207+70: 18' WIDE 9"-7"-9" P.C.C. PAVEMENT WITH 9.0" HMA OVERLAY
EXISTING WIDENING IS 9.0" THICK HMA
207+70-218+00: 18' WIDE 9"-7"-9" P.C.C. PAVEMENT WITH 10.3" HMA OVERLAY
EXISTING WIDENING IS 13.0" THICK HMA

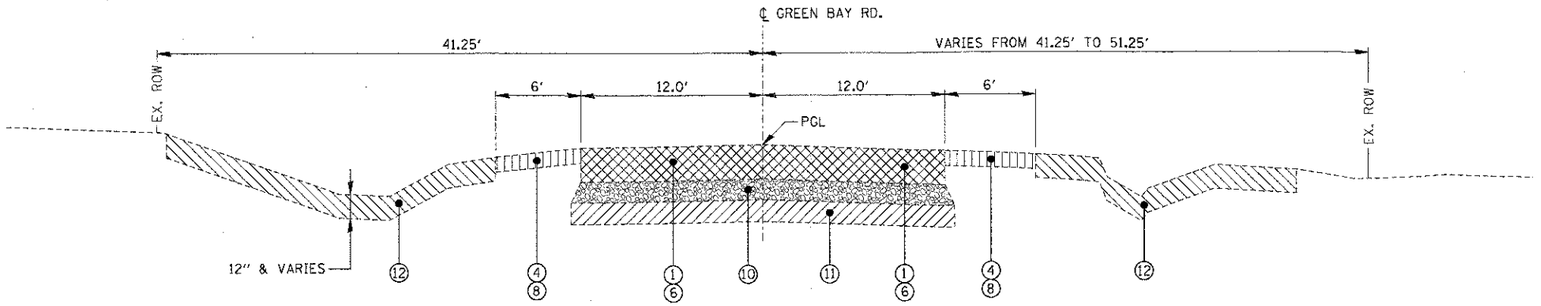
FILE NAME = N:\CDOT\R2422\NC1\1\TYP_042229_03.SHT	USER NAME = rmarcel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 11/15/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
EXISTING TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. 199+91.10 TO STA. 218+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	10
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION

STA. 218+00 TO STA. 229+36.29, GREEN BAY ROAD

EXISTING LEGEND

1. EXISTING HOT-MIX ASPHALT PAVEMENT *
2. EXISTING P.C. CONCRETE BASE COURSE *
3. EXISTING HOT-MIX ASPHALT SHOULDER
4. EXISTING AGGREGATE OR EARTH SHOULDER
5. EXISTING COMBINATION CONCRETE CURB AND GUTTER
6. PAVEMENT REMOVAL
7. PAVED SHOULDER REMOVAL
8. AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
9. COMBINATION CURB AND GUTTER REMOVAL
10. AGGREGATE SUB-BASE REMOVAL (PAID FOR AS EARTH EXCAVATION)
11. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (AS DIRECTED BY THE ENGINEER)
12. TOPSOIL EXCAVATION (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)

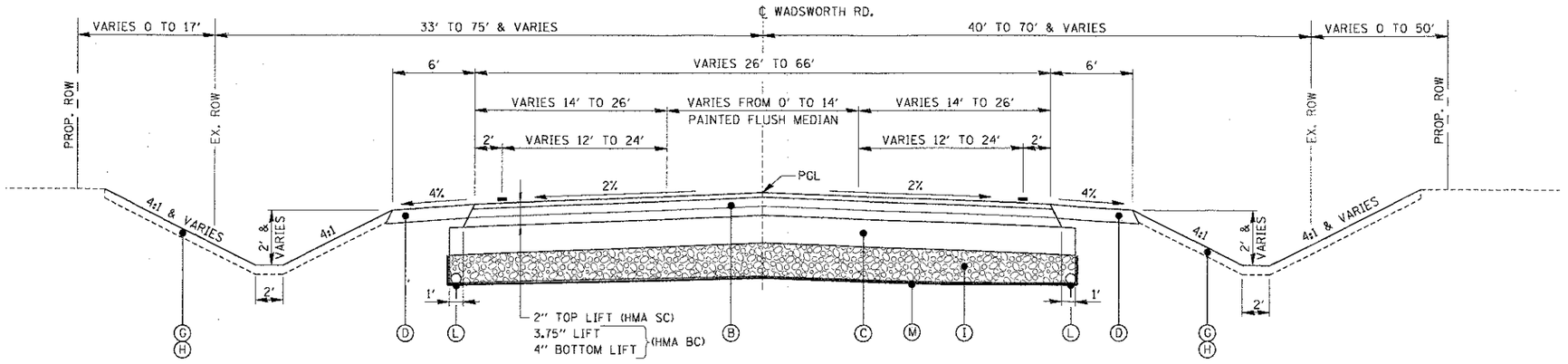
SEE LANDSCAPING PLAN FOR LIMITS

* EXISTING PAVEMENT

GREEN BAY ROAD

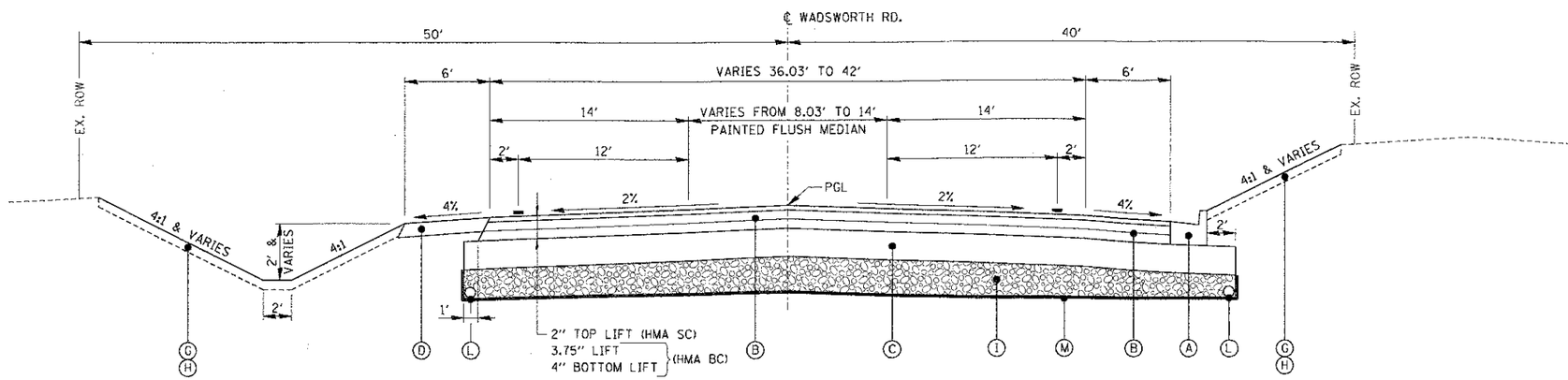
218+00-230+09: 11.5' THICK HMA PAVEMENT FULL WIDTH

FILE NAME = N:\LCDOT\04229\Civil\TYP.040229.04.SHT	USER NAME = nmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD EXISTING TYPICAL SECTIONS	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 11
		DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT SCALE = 10'	CHECKED -	REVISED -							
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 218+00.00 TO STA. 229+36.29	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION

STA. 144+49.50 TO STA. 146+50.00, WADSWORTH ROAD
STA. 157+86.07 TO STA. 173+43.17, WADSWORTH ROAD
STA. 185+90.81 TO STA. 195+98.95, WADSWORTH ROAD



PROPOSED TYPICAL SECTION

STA. 146+50.00 TO STA. 151+77.32 (LT.), WADSWORTH ROAD
STA. 146+50.00 TO STA. 152+51.00 (RT.), WADSWORTH ROAD

PROPOSED LEGEND

- (A) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (B) FULL DEPTH HOT-MIX ASPHALT PAVEMENT, 9.75" CONSISTING OF:
  HMA SURFACE COURSE, MIX "D", N70, 2"
  HMA BINDER COURSE, IL 19.0, N70, 7.75" (IN TWO LIFTS)
- (C) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (D) AGGREGATE SHOULDERS TYPE B, 6"
- (E) HMA SHOULDERS, 4"
  AND AGGREGATE BASE COURSE, TYPE B, 4"
- (F) CONCRETE MEDIAN, TYPE SB
- (G) TOPSOIL FURNISH AND PLACE, 4"
  AND NITROGEN FERTILIZER,
  POTASSIUM FERTILIZER
- (H) SEEDING (SEE LANDSCAPING PLANS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT
  (AS DIRECTED BY THE ENGINEER)
- (J) HMA SHOULDERS, 6"
  AND AGGREGATE BASE COURSE, TYPE B, 4"
- (K) HMA SHOULDERS, 10"
  AND AGGREGATE BASE COURSE, TYPE B, 4"
- (L) 4" UNDERDRAIN
- (M) GEOTECH FABRIC FOR GROUND STABILIZATION
- (N) FULL DEPTH HOT-MIX ASPHALT PAVEMENT, 10.25" CONSISTING OF:
  HMA SURFACE COURSE, MIX "D", N70, 2"
  HMA BINDER COURSE, IL 19.0, N70, 8.25" (IN TWO LIFTS)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
FULL DEPTH PAVEMENT, 9.75" (WADSWORTH RD.)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm), 2"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7.75" (IN TWO LIFTS)	4% @ 70 GYR
FULL DEPTH PAVEMENT, 10.25" (GREEN BAY RD.)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm), 2"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8.25" (IN TWO LIFTS)	4% @ 70 GYR
HMA SHOULDERS, 4"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 1-1/2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/2"	4% @ 50 GYR
HMA SHOULDERS, 6"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm), 2"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 4"	4% @ 70 GYR
HMA SHOULDERS, 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm), 2"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" (2 LIFTS)	4% @ 70 GYR
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6" (2 LIFTS)	4% @ 50 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 2"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm), 6"(PE) (2 LIFTS) / 8"(CE) (2 LIFTS)	4% @ 50 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm), 10" (3 LIFTS)	4% @ 70 GYR

* THE AC TYPE SHALL BE PG 64-22 UNLESS MODIFIED BY DISTRICT 1 SPECIAL PROVISION.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

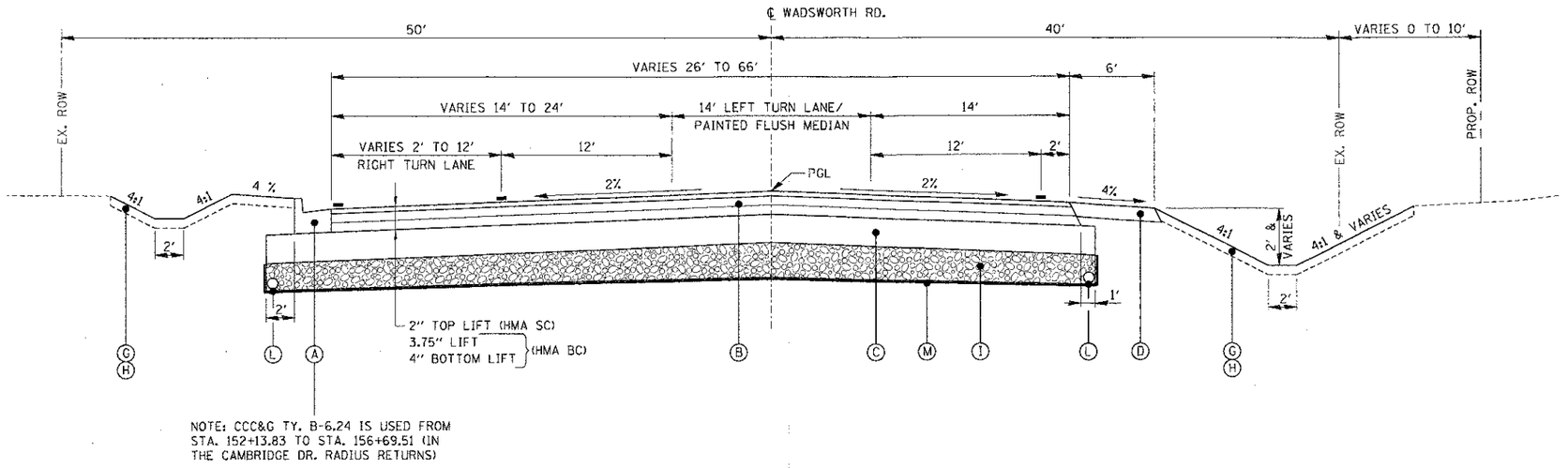
FILE NAME = N:\CIDOT\e4229\Civil\TYP 046229_05.SHT	USER NAME = xmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
PROPOSED TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. 144+49.50 TO STA. 195+98.95

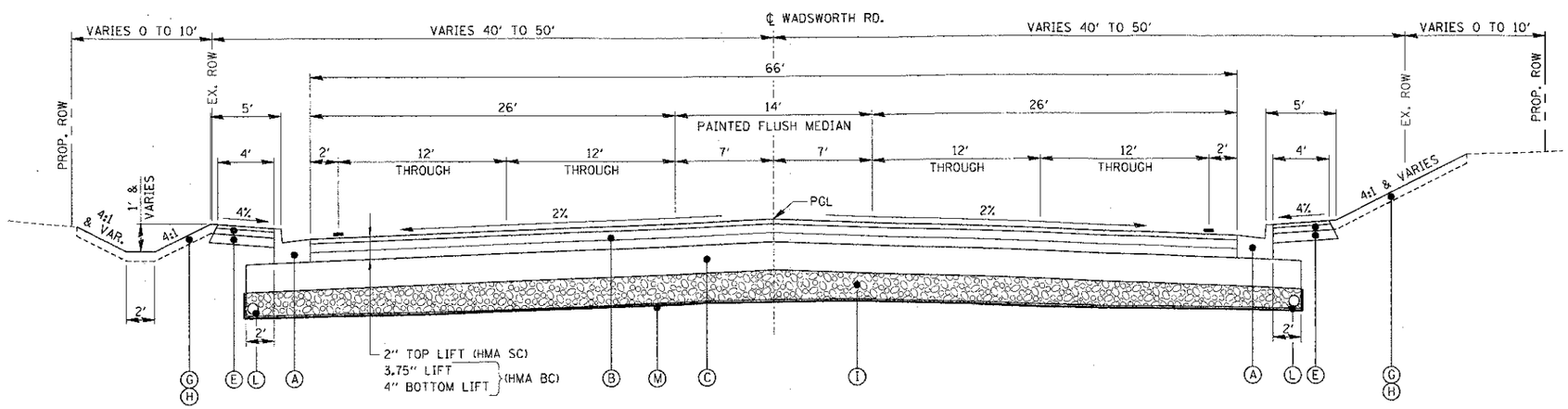
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	12
		CONTRACT NO. 63766		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE: CCC&G TY. B-6.24 IS USED FROM STA. 152+13.83 TO STA. 156+69.51 (IN THE CAMBRIDGE DR. RADIUS RETURNS)

PROPOSED TYPICAL SECTION

STA. 151+77.32 TO STA. 157+86.07 (LT.), WADSWORTH ROAD
STA. 152+51.00 TO STA. 157+86.07 (RT.), WADSWORTH ROAD



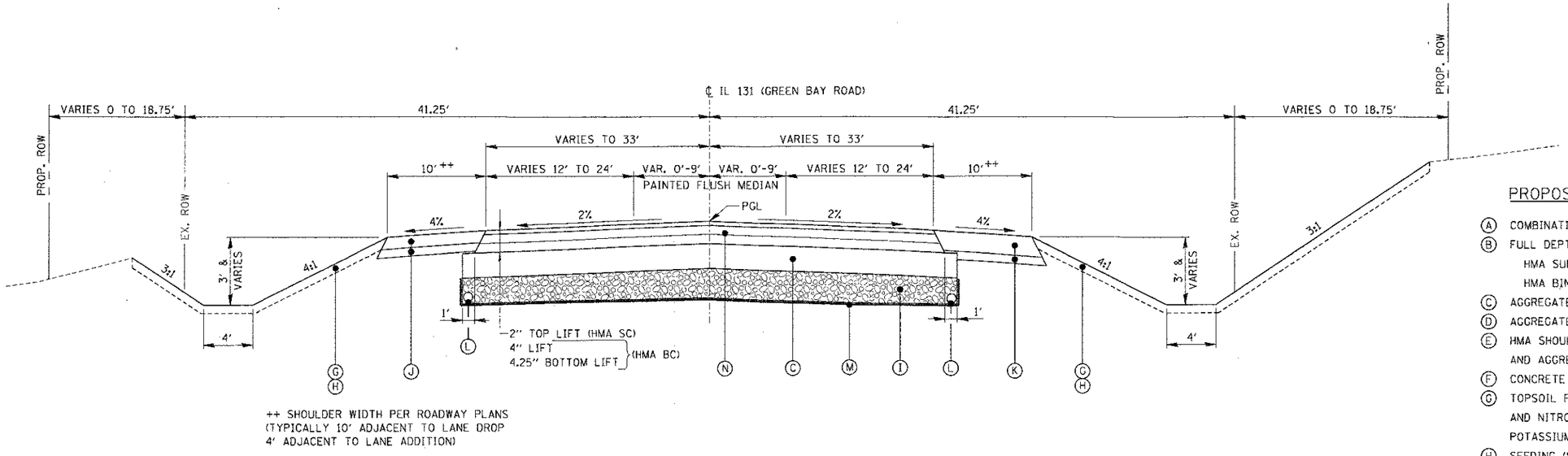
PROPOSED TYPICAL SECTION

STA. 173+43.17 TO STA. 185+90.81, WADSWORTH ROAD

PROPOSED LEGEND

- (A) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (B) FULL DEPTH HOT-MIX ASPHALT PAVEMENT, 9.75" CONSISTING OF:
  - HMA SURFACE COURSE, MIX "D", N70, 2"
  - HMA BINDER COURSE, IL 19.0, N70, 7.75" (IN TWO LIFTS)
- (C) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (D) AGGREGATE SHOULDERS TYPE B, 6"
- (E) HMA SHOULDERS, 4"
  AND AGGREGATE BASE COURSE, TYPE B, 4"
- (F) CONCRETE MEDIAN, TYPE SB
- (G) TOPSOIL FURNISH AND PLACE, 4"
  AND NITROGEN FERTILIZER,
  POTASSIUM FERTILIZER
- (H) SEEDING (SEE LANDSCAPING PLANS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT
  (AS DIRECTED BY THE ENGINEER)
- (J) HMA SHOULDERS, 6"
  AND AGGREGATE BASE COURSE, TYPE B, 4"
- (K) HMA SHOULDERS, 10"
  AND AGGREGATE BASE COURSE, TYPE B, 4"
- (L) 4" UNDERDRAIN
- (M) GEOTECH FABRIC FOR GROUND STABILIZATION
- (N) FULL DEPTH HOT-MIX ASPHALT PAVEMENT, 10.25" CONSISTING OF:
  - HMA SURFACE COURSE, MIX "D", N70, 2"
  - HMA BINDER COURSE, IL 19.0, N70, 8.25" (IN TWO LIFTS)

FILE NAME = N:\CDOC\04229\Civil\TYP.040229_08.SHT	USER NAME = mmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD PROPOSED TYPICAL SECTIONS	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 13
		DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT SCALE = 10'	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 151+77.32 TO STA. 185+90.81	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
	PLOT DATE = 11/13/2012	DATE -	REVISED -							



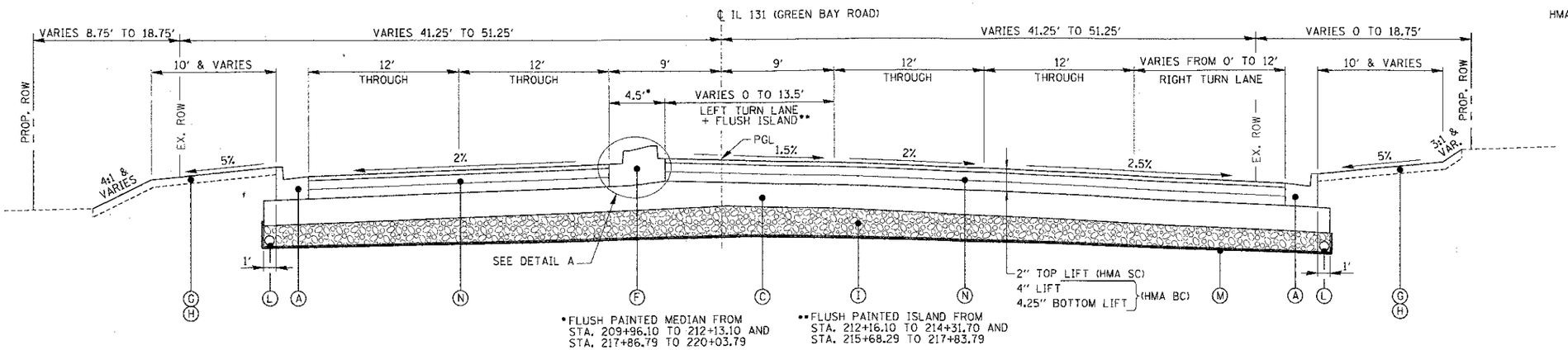
++ SHOULDER WIDTH PER ROADWAY PLANS
(TYPICALLY 10' ADJACENT TO LANE DROP
4' ADJACENT TO LANE ADDITION)

PROPOSED TYPICAL SECTION

STA. 199+91.10 TO STA. 209+96.10, IL ROUTE 131 (GREEN BAY ROAD)
STA. 220+03.79 TO STA. 229+36.29, IL ROUTE 131 (GREEN BAY ROAD)

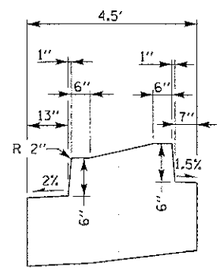
PROPOSED LEGEND

- (A) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (B) FULL DEPTH HOT-MIX ASPHALT PAVEMENT, 9.75" CONSISTING OF:
  HMA SURFACE COURSE, MIX "D", N70, 2"
  HMA BINDER COURSE, IL 19.0, N70, 7.75" (IN TWO LIFTS)
- (C) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (D) AGGREGATE SHOULDERS TYPE B, 6"
- (E) HMA SHOULDERS, 4"
  AND AGGREGATE BASE COURSE, TYPE B, 4"
- (F) CONCRETE MEDIAN, TYPE SB
- (G) TOPSOIL FURNISH AND PLACE, 4"
  AND NITROGEN FERTILIZER, PHOSPHORUS FERTILIZER, AND POTASSIUM FERTILIZER
- (H) SEEDING (SEE LANDSCAPING PLANS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT
  (AS DIRECTED BY THE ENGINEER)
- (J) HMA SHOULDERS, 6"
  AND AGGREGATE BASE COURSE, TYPE B, 4"
- (K) HMA SHOULDERS, 10"
  AND AGGREGATE BASE COURSE, TYPE B, 4"
- (L) 4" UNDERDRAIN
- (M) GEOTECH FABRIC FOR GROUND STABILIZATION
- (N) FULL DEPTH HOT-MIX ASPHALT PAVEMENT, 10.25" CONSISTING OF:
  HMA SURFACE COURSE, MIX "D", N70, 2"
  HMA BINDER COURSE, IL 19.0, N70, 8.25" (IN TWO LIFTS)



*FLUSH PAINTED MEDIAN FROM STA. 209+96.10 TO 212+13.10 AND STA. 217+86.79 TO 220+03.79

**FLUSH PAINTED ISLAND FROM STA. 212+16.10 TO 214+31.70 AND STA. 215+68.29 TO 217+83.79



DETAIL A

PROPOSED TYPICAL SECTION

STA. 209+96.10 TO STA. 220+03.79, IL ROUTE 131 (GREEN BAY ROAD)

FILE NAME = N:\CDOT\642291\Civil\TYP_642291_07.SHT	USER NAME = cmarel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
PROPOSED TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. 199+91.10 TO STA. 229+36.29

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	14
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

	TOPSOIL STRIPPING (SQ FT)	EXCAVATION (EXCLUSIVE OF T/S STRIPPING, PAV'T REMOVAL, C&G REMOVAL, DRIVEWAY REMOVAL) (SQ FT)	EMBANKMENT (SQ FT)	PROPOSED TOPSOIL (SQ FT)	REMOVAL/ DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (15% SHRINKAGE FACTOR) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE ("+" = WASTE, "-" = SHORTAGE) (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (CU YD)
TOTALS					**2625**	**13501**	**11476**	**5999**	**5476**	**1631**
WADSWORTH ROAD										
144+49.50	9.32	5.88	30.05	7.09	0.0	0.0	0.0	0.0	0.0	0.0
144+50	9.35	5.61	30.16	7.11	0.2	0.1	0.1	0.6	-0.5	0.1
145+00	10.31	10.64	30.96	8.09	18.2	15.0	12.8	56.6	-43.8	14.1
145+50	1.86	15.69	12.95	5.95	11.3	24.4	20.7	40.7	-19.9	13.0
146+00	11.15	13.36	38.95	7.68	12.0	26.9	22.9	48.1	-25.2	12.6
146+50	13.87	30.14	20.75	9.24	23.2	40.3	34.2	55.3	-21.0	15.7
147+00	15.09	47.79	12.60	9.92	26.7	72.2	61.3	30.9	30.5	17.7
147+50	15.95	81.36	5.57	10.74	28.7	119.6	101.6	16.8	84.8	19.1
148+00	16.59	103.31	0.65	10.73	30.1	171.0	145.3	5.8	139.6	19.9
148+50	16.03	128.17	0.61	10.73	30.2	214.3	182.2	1.2	181.0	19.9
149+00	15.67	142.85	0.35	10.73	29.4	250.9	213.3	0.9	212.4	19.9
149+50	9.52	139.40	0.10	7.59	23.3	261.3	222.1	0.4	221.7	17.0
150+00	14.72	78.04	8.77	10.69	22.4	201.3	171.1	8.2	162.9	16.9
150+50	13.58	45.18	23.06	9.51	28.2	114.1	97.0	29.5	67.5	18.7
151+00	12.85	29.04	31.57	8.75	24.5	68.7	58.4	60.6	-2.2	16.9
151+50	14.70	31.19	36.82	10.30	25.5	55.8	47.4	63.3	-15.9	17.6
152+00	14.76	27.26	36.99	9.61	27.3	54.1	46.0	68.3	-22.3	16.4
152+50	14.97	23.83	36.54	9.37	27.5	47.3	40.2	68.1	-27.9	17.6
153+00	7.53	11.80	65.06	5.14	20.8	32.8	27.9	94.1	-66.2	14.4
153+50	5.69	14.79	48.83	4.26	12.4	24.4	20.8	105.5	-84.7	9.6
154+00	8.67	16.94	34.60	6.61	13.7	29.4	25.0	77.3	-52.3	10.1
154+50	14.36	31.23	17.82	8.54	21.5	44.6	37.9	48.5	-10.6	14.0
155+00	14.73	34.70	14.55	8.28	26.9	61.0	51.9	30.0	21.9	15.6
155+50	9.01	62.54	8.54	4.73	22.0	90.0	76.5	21.4	55.1	12.0
156+00	9.83	71.91	5.38	2.87	17.4	124.5	105.8	12.9	92.9	7.0
156+50	14.61	53.66	7.76	6.47	22.6	116.3	98.8	12.2	86.7	8.7
157+00	17.89	62.73	11.53	10.39	30.1	107.8	91.6	17.9	73.7	15.6
157+50	18.92	54.34	23.48	11.86	34.1	108.4	92.1	32.4	59.7	20.6
158+00	19.25	52.09	35.65	13.22	35.3	98.5	83.7	54.8	28.9	23.2
158+50	20.69	47.13	48.02	14.49	37.0	91.8	78.0	77.5	0.6	26.7
159+00	10.28	22.22	80.32	7.43	28.7	64.2	54.6	118.8	-64.2	20.3
159+50	23.05	62.45	61.32	17.20	39.9	78.4	66.6	131.1	-64.5	22.8
160+00	26.42	96.12	73.69	20.15	45.8	146.8	124.8	125.0	-0.2	34.6
160+50	12.80	58.40	83.75	10.22	36.3	143.1	121.6	145.8	-24.2	28.1
161+00	23.77	47.77	109.86	17.88	33.9	98.3	83.6	179.3	-95.7	26.0
161+50	22.72	40.04	114.57	16.93	43.0	81.3	69.1	207.8	-138.7	32.2
162+00	28.28	18.07	161.50	22.53	47.2	53.8	45.7	255.6	-209.9	38.5
162+50	24.37	35.97	165.94	18.46	48.7	50.0	42.5	303.2	-260.7	38.0
163+00	11.94	11.38	192.66	9.30	33.6	43.8	37.3	332.2	-295.0	25.7
163+50	27.85	29.35	193.55	22.38	36.8	37.7	32.1	357.8	-325.7	29.3
164+00	21.06	29.06	114.52	15.52	45.3	54.1	46.0	285.2	-239.3	35.1
164+50	18.97	25.72	97.49	13.66	37.1	50.7	43.1	166.3	-153.2	27.0
165+00	18.03	29.02	77.94	12.98	34.3	50.7	43.1	162.4	-119.3	24.7
165+50	15.68	23.91	66.27	10.96	31.4	49.0	41.7	133.5	-91.9	22.2
166+00	16.80	28.45	49.45	7.71	30.3	48.5	41.2	107.2	-65.9	17.3
166+50	18.42	34.12	41.15	13.66	32.6	57.9	49.2	83.9	-34.6	19.8
167+00	17.87	38.71	41.57	12.70	33.6	67.4	57.3	76.6	-19.3	24.4
167+50	10.80	58.87	5.25	7.69	26.5	90.4	76.8	43.4	33.4	18.9
168+00	17.02	67.36	14.24	8.42	25.8	116.9	99.4	18.1	81.3	14.9
168+50	10.18	99.19	9.95	6.88	25.2	154.2	131.1	22.4	108.7	14.2
169+00	16.81	112.33	4.02	9.76	26.0	195.9	166.5	13.0	153.5	15.4
169+50	17.24	94.65	3.90	9.09	31.5	191.6	162.9	7.3	155.6	17.5
170+00	17.44	81.02	5.82	8.43	32.1	162.7	138.3	9.0	129.3	16.2
170+50	18.17	71.98	6.21	8.39	33.0	141.6	120.3	11.1	109.2	15.6
171+00	19.85	123.10	5.69	11.37	35.2	180.5	153.5	11.0	142.4	18.3
171+50	21.85	96.55	12.35	11.78	38.6	203.4	172.9	16.7	156.2	21.4
172+00	17.41	61.47	25.61	4.32	36.3	146.3	124.4	35.1	89.2	14.9
172+50	24.18	87.10	40.20	12.78	38.5	137.6	116.9	60.9	56.0	15.8
173+00	23.49	69.06	49.29	12.36	44.1	144.6	122.9	82.9	40.0	23.3
173+50	18.70	25.65	63.67	6.63	39.1	87.7	74.5	104.8	-30.0	17.6
174+00	17.64	19.28	77.32	6.84	33.8	41.6	35.4	130.5	-95.2	12.5
174+50	16.44	18.24	70.65	5.36	31.6	34.7	29.5	137.0	-107.5	12.2
175+00	16.09	13.92	53.11	5.25	30.1	29.8	25.3	142.4	-117.1	11.7
175+50	14.90	14.95	78.00	5.87	28.7	26.7	22.7	149.2	-126.5	11.2
176+00	12.61	15.82	68.05	3.13	25.5	28.5	24.2	135.2	-111.0	8.3
176+50	6.00	32.08	24.43	1.48	17.2	44.4	37.7	85.6	-47.9	4.3
177+00	8.22	26.53	33.58	4.25	13.2	54.3	46.1	53.7	-7.6	5.3
177+50	13.03	31.02	29.81	5.33	19.7	53.3	45.3	58.7	-13.4	8.9
178+00	6.49	28.27	30.93	3.31	18.1	54.9	46.7	56.2	-9.6	8.0
178+50	10.40	35.01	32.72	5.83	15.6	58.6	49.8	58.9	-9.1	8.5
179+00	13.92	57.13	20.38	8.54	22.5	85.3	72.5	49.2	23.3	13.3
180+50	4.79	69.17	2.60	4.65	52.0	350.8	298.2	63.8	234.4	36.6
181+00	7.84	81.10	5.38	4.19	11.7	139.1	118.3	7.4	110.9	8.2
181+50	13.46	77.18	3.92	7.36	19.7	146.5	124.6	8.6	116.0	10.7
182+00	9.44	81.62	0.25	3.56	21.2	147.0	125.0	3.9	121.1	10.1
182+50	5.79	65.17	4.37	2.04	13.5	135.9	115.5	4.3	111.2	5.2
183+00	10.44	73.37	0.95	3.58	14.5	128.3	109.0	4.9	104.1	8.2
183+50	14.56	90.85	0.64	6.64	23.2	152.1	129.3	1.5	127.8	9.7
184+00	14.30	128.85	0.00	6.84	26.7	203.4	172.9	0.6	172.3	12.7
184+50	11.84	147.04	0.00	4.65	24.2	255.5	217.1	0.0	217.1	10.6
185+00	8.57	148.11	0.00	4.15	18.9	273.3	232.3	0.0	232.3	8.2
185+50	4.36	140.20	0.10	0.41	12.0	267.0	226.9	0.1	226.8	4.2
186+00	9.42	142.61	1.05	6.09	12.8	261.9	222.6	1.1	221.5	6.0
186+50	9.35	150.15	0.50	6.78	17.4	271.1	230.4	1.4	229.0	11.9
187+00	10.40	149.37	0.00	4.67	18.3	277.3	235.7	0.5	235.3	10.6
187+50	14.14	194.32	0.00	7.33	22.7	318.2	270.5	0.0	270.5	11.1
188+00	15.62	222.26	0.00	6.66	27.6	385.7	327.9	0.0	327.9	14.8
188+50	12.81	202.78	0.00	6.39	26.2	393.6	334.5	0.0	334.5	13.9
189+00	11.45	207.68	0.03	6.17	22.5	380.2	323.2	0.0	323.2	11.6
189+50	11.84	203.81	0.22	7.47	21.6	381.2	324.0	0.2	323.8	12.6
190+00	5.85	211.87	0.88	5.46	16.4	384.9	327.2	1.0	326.1	14.8
190+50	10.43	168.13	3.61	6.54	15.1	351.9	299.1	4.2	294.9	13.9
191+00	10.30	147.94	1.39	6.70	19.2	292.7	248.8	4.6	244.1	12.3
191+50	8.03	122.22	0.03	5.26	17.0	250.2	212.6	1.3	211.3	11.1
192+00	2.95	103.71	0.00	1.09	10.2	209.2	177.8	0.0	177.8	5.9
192+50	2.82	75.50	2.65	1.12	5.3	165.9	141.0	2.5	138.6	2.0
193+00	11.40	83.04	0.87	10.64	13.2	146.8	124.8	3.3	121.5	10.9
193+50	11.32	88.24	0.14	11.28	21.0	140.1	119.1	0.9	118.1	20.3
194+00	12.07	60.09	0.42	12.22	21.7	118.8	101.0	0.5	100.5	21.6
194+50	11.22	39.41	4.23	10.68	21.6	92.1	78.3	4.3	74.0	21.2
195+00	16.16	46.88	4.22	8.17	25.4	79.9	67.9	7.8	60.1	17.5
195+50	8.92	21.68	19.29	4.95	23.2	63.5	54.0	21.8	32.2	12.1
195+98.95	5.06	10.15	9.06	5.28	12.7	28.9	24.5	25.7	-1.2	9.3

	TOPSOIL STRIPPING (SQ FT)	EXCAVATION (EXCLUSIVE OF T/S STRIPPING, PAV'T REMOVAL, C&G REMOVAL, DRIVEWAY REMOVAL) (SQ FT)	EMBANKMENT (SQ FT)	PROPOSED TOPSOIL (SQ FT)	REMOVAL/ DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (15% SHRINKAGE FACTOR) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE ("+" = WASTE, "-" = SHORTAGE) (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (CU YD)
TOTALS					**1793**	**10755**	**9142**	**2325**	**6817**	**1176**
GREEN BAY ROAD										
199+91.10	3.85	35.09	6.05	1.42	0.0	0.0	0.0	0.0	0.0	0.0
200+00.0	10.99	42.63	15.06	7.90	3.2	17.1	14.6	4.7	9.9	2.1
200+50.0	12.54	47.80	16.28	9.40	20.5	76.7	66.9	27.3	39.6	15.1
201+00.0	15.03	60.25	17.44	11.92	25.5	100.0	85.0	31.2	53.8	19.7
201+50.0	38.28	162.80	2.89	6.90	49.4	206.5	175.5	18.8	156.7	17.4
202+00.0	21.02	114.98	17.08	14.03	54.9	257.2	218.6	18.5	200.1	19.4
202+50.0	21.25	111.20	32.27	17.18	39.1	209.4	178.0	45.7	132.3	28.9
203+00.0	20.06	84.06	40.23	15.71	38.2	180.8	153.7	67.1	86.5	30.4
203+50.0	20.02	70.36	44.88	15.06	37.1	143.0	121.5	78.8	42.7	28.5
204+00.0	20.53	81.67	41.59	15.37	37.5	140.8	119.7	80.1	39.6	28.2
204+50.0	8.10	91.85	18.26	7.11	26.5	151.4	128.7	55.4	73.3	20.8
205+00.0	24.89	146.57	37.22	18.00	30.5	211.5	179.8	51.4	128.4	23.3
205+50.0	25.01	135.90	36.69	17.76	46.2	262.5	223.1	68.4	154.7	33.1
206+00.0	22.65	98.03	37.24	8.24	44.1	215.7	183.3	68.4	114.9	24.1
206+50.0	25.40	96.04	53.72	16.35	44.5	179.7	152.7	84.2	68.5	22.8
207+00.0	25.78	83.72	79.26	16.25	47.4	168.3	143.1	123.1	19.9	30.2
207+50.0	26.25	88.14	77.74	15.77	48.2	189.1	135.3	145.4	-10.1	29.6
208+00.0	22.14	90.59	49.98	8.44	44.8	165.5	140.7	118.3	22.4	22.4
208+50.0	26.04	112.30	40.22	15.19	44.6	187.9	159.7	83.5	76.2	21.9
209+00.0	24.43	126.36	23.63	15.14	48.7	221.0	187.8	59.1	128.7	28.1
209+50.0	23.68	161.66	15.28	15.77	44.6	266.7	226.7	36.0	190.7	28.6
210+00.0	13.52	87.15	8.88	11.33	34.4	230.4	195.8	22.4	173.5	25.1
210+50.0	13.57	74.06	7.65	12.18	25.1	149.3	126.9	15.3	111.6	21.8
211+00.0	8.87	108.73	0.00	3.83	20.8	169.3	143.9	7.1	136.8	14.8
211+50.0	13.95	92.03	11.19	10.51	21.1	185.9	158.0	10.4	147.7	13.3
212+00.0	4.16	83.43	18.90	8.47	16.8	162.5	138.1	27.9	110.2	15.7
212+50.0	12.77	87.05	17.96	9.91	15.7	157.9	134.2	34.1	100.0	15.2
213+00.0	0.00	96.67	3.22	0.00	11.8	170.1	144.6	19.6	125.0	9.2
213+50.0	0.00	94.93	14.49	9.91	0.0	177.4	150.8	16.4	134.4	9.2
214+00.0	0.00	105.34	1.77	8.09	0.0	185.4	157.6	15.1	142.6	16.7
214+50.0	0.00	164.45	2.65	9.07	0.0	249.8	212.3	4.1	208.2	15.9
215+00.0	0.00	204.31	0.00	0.00	0.0	341.4	290.2	2.5	287.8	8.4
215+50.0	22.36	135.58	22.55	6.03	20.7	314.7	267.5	20.9	246.6	5.6
216+00.0	13.75	91.38	14.08	6.33	33.4	210.1	178.6	33.9	144.7	13.3
216+50.0	14.58	86.08	13.26	9.02	26.2	164.3	139.7	25.3	114.4	16.1
217+00.0	16.66	71.79	32.30	10.16	28.9	146.2	124.3	42.2	82.1	17.8
217+50.0	18.15	58.63	40.18	9.54	32.2	118.9	101.1	67.1	34.0	18.2
218+00.0	10.00	67.98	10.11	5.92	26.1	115.4	98.1	46.6	51.5	12.5
218+50.0	11.85	80.17	8.28	6.11	20.2	137.2	116.6	17.0	99.6	9.3
219+00.0	7.69	68.37	21.79	4.11	16.1	137.5	116.9	27.8	89.1	9.6
219+50.0	0.00	77.10	0.00	0.00	7.1	134.7	114.5	20.2	94.3	3.8
220+00.0	11.79	94.03	3.76	7.54	10.9	158.5	134.7	3.5	131.2	7.0
220+50.0	21.85	126.85	1.94	10.14	31.1	204.5	173.8	5.3	168.6	16.4
221+00.0	21.63	111.94	2.59	10.99	40.3	221.1	187.9	4.2	183.7	19.6
221+50.0	23.00	143.31	1.71	12.74	41.3	236.3	200.9	4.0	196.9	22.0
222+00.0	22.84	157.35	0.15	13.20	42.3	278.4	236.6	1.7	234.9	24.0
222+50.0	25.25	180.74	0.03	15.09	44.3	313.0	266.1	0.2	265.9	26.2
223+00.0	23.35	146.75	0.83	14.17	45.0	303.2	257.7	0.8	256.9	27.1
223+50.0	22.03	106.34	10.12	13.72	42.0	234.3	199.2	10.1	189.0	25.8
224+00.0	18.57	63.87	36.34	11.02	37.6	157.6	134.0	43.0	90.9	22.9
224+50.0	18.17	49.27	58.04	11.39	34.0	104.8	89.0	87.4	1.7	20.8
225+00.0	17.55	45.32	67.85	11.61	33.1	87.6	74.5	116.6	-42.1	21.3
225+50.0	18.97	49.81	45.23	14.30	33.8	88.1	74.9	104.7	-29.9	24.0
226+00.0	7.30	60.79	20.44	6.27	24.3	102.4	87.0	60.8	26.2	19.0
226+50.0	18.66	79.43	18.43	14.71	24.0	129.8	110.4	36.0	74.4	19.4
227+00.0	19.92	99.96	16.21	15.79	35.7	166.1	141.2	31.1	110.0	28.2
227+50.0	19.42	106.88	15.18	15.63	36.4	191.5	162.8	28.1	134.6	29.3
228+00.0	13.78	91.42	7.10	7.24	30.7	183.6	156.1	20.6	135.4	21.4
228+50.0	16.54	96.12	2.57	12.19	28.1	173.6	147.6	9.0	138.6	18.0
229+00.0	14.98	68.75	6.70	12.63	29.2	162.7	129.8	8.6	121.2	23.0
229+36.29	10.00	60.00	5.00	10.00	16.8	88.5	73.5	7.9	65.7	16.2

EARTHWORK SUMMARY

	REMOVAL/ DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (15% SHRINKAGE FACTOR) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE ("+" = WASTE, "-" = SHORTAGE) (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (CU YD)
PROJECT TOTALS	**5296**	**27090**	**23026**	**8324**	**14702**	**3684**
Wadsworth Road	2625	13501	11476	5999	5476	1631
Green Bay Road	1793	10755	9142	2325	6817	1176
Proposed Detention Site	408	2335	1985	0	1985	408
Proposed Compensatory Storage Site	469	499	424	0	424	469

TOTAL REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 5296 CU YD FROM TOPSOIL STRIP + 14702 CU YD FROM EARTHWORK BALANCE + 55 CU YD FROM UNDERCUT = 20053 CU YD

TREE SCHEDULE

Wadsworth Road

Station	Offset	Species
145+90	47' L	Accolade Elm
146+28	47' L	Accolade Elm
146+68	47' L	Accolade Elm
147+08	47' L	Accolade Elm
150+66	47' L	Red Oak
151+06	47' L	Red Oak
151+46	47' L	Red Oak
151+86	47' L	Red Oak
157+56	47' R	Thornless Hawthorn
157+96	47'R	Thornless Hawthorn
158+34	48'R	Thornless Hawthorn
158+98	64' L	Greenspire Linden
159+37	64' L	Greenspire Linden
159+52	65' R	Red Oak
159+77	64' L	Greenspire Linden
159+94	63' R	Red Oak
160+30	64' R	Red Oak
160+67	63' L	Greenspire Linden
160+69	64' R	Red Oak
161+07	63' L	Greenspire Linden
161+10	64' R	Red Oak
161+49	64' R	Red Oak
162+40	68' L	Thornless Hawthorn
162+80	68' L	Thornless Hawthorn
163+94	47' R	Accolade Elm
164+02	62' L	Thornless Hawthorn
164+34	47' R	Accolade Elm
164+36	61' L	Thornless Hawthorn
164+72	60' L	Thornless Hawthorn
164+74	47' R	Accolade Elm
165+02	57' L	Accolade Elm
165+14	47' R	Accolade Elm
165+42	47' L	Accolade Elm
165+82	47' L	Accolade Elm
166+22	56' L	Accolade Elm
166+62	56' L	Accolade Elm
167+02	56' L	Accolade Elm
167+41	56' L	Accolade Elm
171+11	64' L	Celebration Freeman Maple
171+50	64' L	Celebration Freeman Maple

TBD	TBD	Red Oak
TBD	TBD	Red Oak
TBD	TBD	Red Oak
TBD	TBD	Red Oak
TBD	TBD	Accolade Elm
TBD	TBD	Accolade Elm
TBD	TBD	Accolade Elm
TBD	TBD	Celebration Freeman Maple
TBD	TBD	Celebration Freeman Maple
TBD	TBD	Celebration Freeman Maple

Green Bay Road

Station	Offset	Species
223+22	57' R	Accolade Elm
223+62	57' R	Accolade Elm
224+20	52' L	Accolade Elm
224+62	51' L	Celebration Freeman Maple
225+01	50' L	Accolade Elm
226+94	52' L	Accolade Elm
227+50	52' L	Accolade Elm
227+90	52' L	Accolade Elm

FILE NAME = N:\CO07\04229\Civil\SC4_042229_01.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	15
		CONTRACT NO. **63766**		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF TREE REMOVAL

STREET	STATION	OFFSET	LT/RT	QUANTITY	6 TO 15 UNITS	OVER 15 UNITS
WADSWORTH	150+40	29.2	RT	22	0	22
WADSWORTH	160+15	49.7	RT	6	6	0
WADSWORTH	160+77	44.0	LT	18	0	18
WADSWORTH	160+86	42.1	LT	8	8	0
WADSWORTH	162+00	39.5	RT	8	8	0
WADSWORTH	162+42	44.0	LT	8	8	0
WADSWORTH	162+55	46.5	LT	6	6	0
WADSWORTH	163+39	38.7	LT	15	15	0
WADSWORTH	164+11	38.5	LT	24	0	24
WADSWORTH	165+45	37.3	RT	15	15	0
WADSWORTH	167+34	34.6	RT	48	0	48
WADSWORTH	171+18	38.1	RT	6	6	0
WADSWORTH	184+14	44.7	RT	8	8	0
WADSWORTH	184+83	47.1	RT	12	12	0
WADSWORTH	185+08	45.6	RT	12	12	0
WADSWORTH	188+53	38.6	LT	36	0	36
GREEN BAY RD	202+96	41.6	RT	10	10	0
GREEN BAY RD	203+15	48.9	LT	24	0	24
GREEN BAY RD	203+66	42.2	LT	26	0	26
GREEN BAY RD	203+67	41.5	RT	12	12	0
GREEN BAY RD	203+89	46.8	LT	48	0	48
GREEN BAY RD	204+21	40.9	LT	15	15	0
GREEN BAY RD	204+98	46.6	LT	36	0	36
GREEN BAY RD	205+01	37.5	LT	10	10	0
GREEN BAY RD	205+06	45.3	RT	48	0	48
GREEN BAY RD	205+19	54.3	LT	12	12	0
GREEN BAY RD	205+26	56.0	LT	10	10	0
GREEN BAY RD	205+31	55.0	LT	12	12	0
GREEN BAY RD	205+55	50.4	LT	8	8	0
GREEN BAY RD	205+68	47.0	LT	54	0	54
GREEN BAY RD	205+76	42.3	LT	10	10	0
GREEN BAY RD	205+78	48.6	LT	8	8	0
GREEN BAY RD	206+01	52.3	LT	10	10	0
GREEN BAY RD	206+49	44.9	LT	48	0	48
GREEN BAY RD	206+65	46.2	LT	32	0	32
GREEN BAY RD	207+11	46.6	RT	40	0	40
GREEN BAY RD	207+21	57.5	LT	6	6	0
GREEN BAY RD	207+22	51.5	LT	6	6	0
GREEN BAY RD	207+25	53.1	LT	6	6	0
GREEN BAY RD	207+39	57.3	LT	8	8	0
GREEN BAY RD	207+40	45.4	RT	48	0	48
GREEN BAY RD	210+00	39.1	RT	24	0	24
GREEN BAY RD	210+25	40.1	RT	10	10	0
GREEN BAY RD	210+55	42.0	RT	12	12	0
GREEN BAY RD	211+33	47.6	RT	6	6	0
GREEN BAY RD	215+96	37.0	RT	3	0	0
GREEN BAY RD	216+40	36.6	RT	3	0	0
GREEN BAY RD	216+93	37.0	RT	3	0	0
GREEN BAY RD	217+55	37.6	RT	4	0	0
GREEN BAY RD	218+66	48.3	RT	3	0	0
GREEN BAY RD	220+69	47.7	RT	24	0	24
GREEN BAY RD	221+47	51.2	LT	18	0	18
GREEN BAY RD	222+00	45.3	RT	6	6	0
GREEN BAY RD	222+48	44.7	LT	10	10	0
GREEN BAY RD	222+65	49.5	LT	8	8	0
GREEN BAY RD	222+83	45.5	LT	12	12	0
GREEN BAY RD	224+15	42.4	RT	6	6	0
GREEN BAY RD	224+56	41.0	LT	12	12	0
GREEN BAY RD	224+78	38.9	LT	10	10	0
				SUBTOTAL =	339	618
	10% GROWTH ADJUSTMENT =				34	62
				TOTAL =	373	680

SCHEDULE OF TEMPORARY PAVEMENT

			TEMPORARY PAVEMENT BUILT FOR STAGE 1 TRAFFIC		TEMPORARY PAVEMENT BUILT FOR STAGE 2.1 AND 2.2 TRAFFIC	
GREEN BAY ROAD						
STATION	**TO**	**STATION**	**AREA**	**UNIT**	**AREA**	**UNIT**
195+00		210+00	1767	SY	103	SY
210+00		224+00	1697	SY	148	SY
224+00		232+00	1131	SY	109	SY
GREEN BAY SUBTOTAL:			**4594**	**SY**	**360**	**SY**
WADSWORTH ROAD						
STATION	**TO**	**STATION**	**AREA**	**UNIT**	**AREA**	**UNIT**
140+00		155+00	1781	SY	448	SY
155+00		170+00	2351	SY	969	SY
170+00		185+00	1993	SY	226	SY
185+00		200+00	1427	SY	715	SY
WADSWORTH SUBTOTAL:			**7551**	**SY**	**2359**	**SY**
	TOTAL QUANTITY:		**12145**	**SY**	**2719**	**SY**

SCHEDULE OF PROPOSED PAVEMENT, SHOULDER AND MEDIAN AREAS

			PROPOSED PAVEMENT AREA		HMA SHOULDER 4"		HMA SHOULDER 6"		HMA SHOULDER 10"		AGGREGATE SHOULDER TYPE B, 6"		CONCRETE MEDIAN, TYPE SB	
GREEN BAY ROAD														
STATION	**TO**	**STATION**	**AREA**	**UNIT**	**AREA**	**UNIT**	**AREA**	**UNIT**	**AREA**	**UNIT**	**AREA**	**UNIT**	**AREA**	**UNIT**
199+91.10		204+00	1303.3	SY	0.0	SY	339.8	SY	332.6	SY	0.0	SY	0.0	SF
204+00		210+00	3490.7	SY	0.0	SY	599.3	SY	226.6	SY	0.0	SY	0.0	SF
210+00		216+00	4674.6	SY	0.0	SY	0.0	SY	0.0	SY	0.0	SY	0.0	SF
216+00		222+00	4572.6	SY	0.0	SY	67.9	SY	184.6	SY	0.0	SY	1543.0	SF
222+00		228+00	2814.7	SY	0.0	SY	338.4	SY	614.4	SY	0.0	SY	1117.0	SF
228+00		229+36.29	403.2	SY	0.0	SY	151.2	SY	80.3	SY	0.0	SY	0.0	SF
Chaplin			351.8	SY	0.0	SY	82.8	SY	0.0	SY	0.0	SY	0.0	SF
Aviation			381.2	SY	0.0	SY	92.9	SY	0.0	SY	0.0	SY	0.0	SF
Waldo			374.7	SY	0.0	SY	87.8	SY	0.0	SY	0.0	SY	0.0	SF
GREEN BAY SUBTOTAL:			**18366.7**	**SY**	**0.0**	**SY**	**1760.1**	**SY**	**1438.4**	**SY**	**0.0**	**SY**	**2660.0**	**SF**
WADSWORTH ROAD														
STATION	**TO**	**STATION**	**AREA**	**UNIT**	**AREA**	**UNIT**	**AREA**	**UNIT**	**AREA**	**UNIT**	**AREA**	**UNIT**	**AREA**	**UNIT**
144+49.50		148+00	1485.8	SY	0.0	SY	0.0	SY	0.0	SY	332.7	SY	0.0	SF
148+00		154+00	3108.2	SY	0.0	SY	0.0	SY	0.0	SY	340.7	SY	0.0	SF
154+00		160+00	3119.6	SY	0.0	SY	2.7	SY	0.0	SY	512.1	SY	0.0	SF
160+00		166+00	2736.2	SY	0.0	SY	0.0	SY	0.0	SY	696.4	SY	0.0	SF
166+00		172+00	3237.2	SY	0.0	SY	0.0	SY	0.0	SY	704.1	SY	0.0	SF
172+00		178+00	4354.4	SY	356.2	SY	5.3	SY	0.0	SY	169.3	SY	0.0	SF
178+00		184+00	4397.6	SY	332.0	SY	0.0	SY	0.0	SY	0.0	SY	0.0	SF
184+00		190+00	3719.8	SY	137.4	SY	5.3	SY	0.0	SY	457.7	SY	0.0	SF
190+00		195+98.95	2174.8	SY	0.0	SY	0.0	SY	0.0	SY	650.0	SY	0.0	SF
Cambridge Dr			523.3	SY	0.0	SY	2.0	SY	0.0	SY	22.8	SY	0.0	SF
Bayonne Ave			244.6	SY	0.0	SY	0.0	SY	0.0	SY	94.0	SY	0.0	SF
Lynch Ave			347.8	SY	0.0	SY	0.0	SY	0.0	SY	116.2	SY	0.0	SF
WADSWORTH SUBTOTAL:			**29449.2**	**SY**	**825.7**	**SY**	**15.3**	**SY**	**0.0**	**SY**	**4096.0**	**SY**	**0.0**	**SF**
	TOTAL QUANTITY:		**47815.9**	**SY**	**826.0**	**SY**	**1776.0**	**SY**	**1438.4**	**SY**	**4096.0**	**SY**	**2660.0**	**SF**

SCHEDULE OF PROPOSED AGGREGATE SUBGRADE

			PROPOSED AGGREGATE SUBGRADE AREA	
GREEN BAY ROAD				
STATION	**TO**	**STATION**	**AREA**	**UNIT**
199+91.10		204+00	1366.3	SY
204+00		210+00	3658.5	SY
210+00		216+00	5324.8	SY
216+00		222+00	5103.0	SY
222+00		228+00	2944.0	SY
228+00		229+36.29	424.3	SY
Chaplin			383.7	SY
Aviation			412.8	SY
Waldo			401.3	SY
GREEN BAY SUBTOTAL:			**20018.8**	**SY**
WADSWORTH ROAD				
STATION	**TO**	**STATION**	**AREA**	**UNIT**
144+49.50		148+00	1624.3	SY
148+00		154+00	3398.0	SY
154+00		160+00	3319.8	SY
160+00		166+00	2869.5	SY
166+00		172+00	3370.6	SY
172+00		178+00	4856.2	SY
178+00		184+00	4812.3	SY
184+00		190+00	4009.3	SY
190+00		195+98.95	2294.1	SY
Cambridge Dr			603.8	SY
Bayonne Ave			264.4	SY
Lynch Ave			373.1	SY
WADSWORTH SUBTOTAL:			**31795.4**	**SY**
	TOTAL QUANTITY:		**51815.0**	**SY**

SCHEDULE OF ESTIMATED UNDERCUTS AND P.G.E.S.

			ESTIMATED THICKNESS (INCH)	AVE. WIDTH OF UNDERCUT AREA (FT.)	ESTIMATED UNDERCUTS AND POROUS GRANULAR EMBANKMENT (SUBGRADE)	
GREEN BAY ROAD						
STATION	**TO**	**STATION**			**VOLUME**	**UNIT**
203+50.00		206+50.00	0	NA	NA	CY
206+50.00		209+50.00	6	58.83	326.8	CY
209+50.00		212+50.00	0	NA	NA	CY
212+50.00		215+00.00	6	85.17	394.3	CY
215+00.00		217+50.00	8	85.17	525.7	CY
217+50.00		220+50.00	10	75.56	699.6	CY
220+50.00		223+50.00	0	NA	NA	CY
223+50.00		226+50.00	6	44.08	244.9	CY
GREEN BAY SUBTOTAL:					**2191.4**	**CY**
WADSWORTH ROAD						
STATION	**TO**	**STATION**			**AREA**	**UNIT**
148+81.00		151+19.00	0	NA	NA	CY
151+19.00		153+69.00	8	55.66	343.5	CY
153+69.00		156+25.00	6	54.96	260.5	CY
156+25.00		158+75.00	6	48.09	222.6	CY
158+75.00		161+50.00	10	44.00	373.5	CY
161+50.00		164+50.00	12	43.00	477.8	CY
164+50.00		167+50.00	12	43.13	479.2	CY
167+50.00		170+32.00	18	49.90	781.8	CY
170+32.00		172+80.00	6	60.51	277.9	CY
172+80.00		175+35.00	0	NA	NA	CY
175+35.00		177+75.00	12	75.16	668.1	CY
177+75.00		179+61.00	0	NA	NA	CY
179+61.00		181+21.00	0	NA	NA	CY
181+21.00		182+71.00	0	NA	NA	CY
182+71.00		187+50.00	8	65.66	776.6	CY
187+50.00		190+50.00	6	48.00	266.7	CY
162+50.00		163+75.00	12	16	74.1	CY
(From 20' LT to 36' LT)						
162+50.00		163+75.00	24	16	148.1	CY
(From 20' RT to 36' RT)						
WADSWORTH SUBTOTAL:					**5150.4**	**CY**
ESTIMATED FOR DRAINAGE UNDERCUTS/P.G.E.S.:					55.0	CY
TOTAL QUANTITY:					**7397.0**	**CY**

SCHEDULE OF THERMOPLASTIC PAVEMENT MARKINGS

			CENTERLINE TPM - LINE 4" (YELLOW) (2 @ 11" C-C)		SKIP-DASH TPM - LINE 4" (WHITE) (10' DASH 30' SKIP)		2-WAY LEFT TURN TPM - LINE 4" (Y) (SOLID + 10' DASH 30' SKIP)		EDGE LINE TPM LINE 4" (WHITE)		EDGE LINE TPM LINE 5" (WHITE)		LANE LINE TPM LINE 6" (WHITE)		CROSSWALK TPM - LINE 12" (WHITE)		DIAGONAL TPM LINE 12" (YELLOW) @ 45 DEG.		STOP BAR TPM LINE 24" (WHITE)		TPM - LETTERS AND SYMBOLS (WHITE)	
GREEN BAY ROAD																						
STATION	**TO**	**STATION**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**QUANTITY**	**UNIT**
199+91.10		210+00	2639.6	LF	102.3	LF		LF	1763.4	LF		LF		LF		LF	153.5	LF		LF	94.5	SF
210+00		221+00	2126.6	LF	484	LF		LF	2926	LF		LF	865.2	LF		LF	307.3	LF	101.2	LF	338.7	SF
221+00		229+36.29	2091.2	LF	77.3	LF		LF	1549.6	LF		LF		LF		LF	84.6	LF		LF	47.5	SF
Chaplin/Aviation				LF	35.4	LF		LF	529.3	LF		LF		LF		LF		LF	38	LF		SF
Waldo				LF	12.6	LF		LF	254.1	LF		LF		LF		LF		LF	15	LF		SF
MOT Restoration			1373.4	LF		LF			1373.4	LF		LF		LF		LF		LF		LF		SF
GREEN BAY SUBTOTAL:			**8230.8**	**LF**	**711.5**	**LF**	**0.0**	**LF**	**8395.8**	**LF**	**0.0**	**LF**	**865.2**	**SF**	**0.0**	**LF**	**545.4**	**LF**	**154.2**	**LF**	**480.7**	**SF**
WADSWORTH ROAD																						
STATION	**TO**	**STATION**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**LENGTH**	**UNIT**	**QUANTITY**	**UNIT**
144+49.50		159+00	5220	LF		LF		LF		LF	2668	LF	410	LF	232	LF	333	LF	54	LF	145.6	SF
159+00		174+00	2007	LF	53.4	LF	2387.9	LF		LF	2957	LF	125	LF		LF	146	LF		LF	223.6	SF
174+00		189+00	5417.8	LF	597	LF		LF		LF	2802.2	LF	650	LF		LF	237.7	LF	78.6	LF	145.6	SF
189+00		195+98.95	1279.6	LF	10.2	LF		LF		LF	1270.9	LF		LF		LF		LF		LF		SF
Lynch Ave				LF	15	LF		LF		LF	236.2	LF		LF		LF		LF		LF		SF
Cambridge Dr			230	LF		LF		LF		LF	105	LF	115	LF	272	LF		LF	26	LF	72.8	SF
Bayonne Ave			70	LF		LF		LF		LF	185	LF		LF		LF		LF		LF		SF
MOT Restoration			1285.8	LF		LF		LF		LF	1285.7	LF		LF		LF		LF		LF		SF
WADSWORTH SUBTOTAL:			**15510.2**	**LF**	**675.6**	**LF**	**2387.9**	**LF**	**0.0**	**LF**	**11510.0**	**LF**	**1300.0**	**SF**	**504.0**	**LF**	**716.7**	**LF**	**158.6**	**LF**	**587.6**	**SF**
	TOTAL QUANTITY:		**23,741**	**LF**	**1,388**	**LF**	**2,388**	**LF**	**8,396**	**LF**	**11,510**	**LF**	**2,166**	**LF**	**504**	**LF**	**1,263**	**LF**	**313**	**LF**	**1,069**	**LF**

SCHEDULE OF RAISED REFLECTIVE PAVEMENT MARKERS

			RAISED PAVEMENT MARKER - TWO WAY		RAISED PAVEMENT MARKER - ONE WAY	
GREEN BAY ROAD						
STATION	**TO**	**STATION**	**QUANTITY**	**UNIT**	**QUANTITY**	**UNIT**
199+91.10		210+00		EA	12	EA
210+00		221+00		EA	44	EA
221+00		229+36.29		EA	8	EA
Chaplin/Aviation				EA		EA
Waldo				EA		EA
MOT Restoration						
GREEN BAY SUBTOTAL:			**0**	**EA**	**64**	**EA**
WADSWORTH ROAD						
STATION	**TO**	**STATION**	**QUANTITY**	**UNIT**	**QUANTITY**	**UNIT**
144+49.50		159+00	66	EA	5	EA
159+00		174+00	74	EA	7	EA
174+00		189+00	66	EA	72	EA
189+00		195+98.95	32	EA		EA
Lynch Ave				EA		EA
Cambridge Dr				EA		EA
Bayonne Ave				EA		EA
MOT Restoration						
WADSWORTH SUBTOTAL:			**238**	**EA**	**84**	**EA**
	TOTAL QUANTITY:		**238**	**EA**	**148**	**EA**

SCHEDULE OF PROPOSED CURB AND GUTTER

			PROPOSED CURB AND GUTTER	
GREEN BAY ROAD				
STATION	**TO**	**STATION**	**LENGTH**	**UNIT**
199+91.10		204+00	0.0	FT
204+00		210+00	75.5	FT
210+00		216+00	1411.6	FT
216+00		222+00	1129.7	FT
222+00		228+00	0.0	FT
228+00		229+36.29	0.0	FT
Chaplin			0.0	FT
Aviation			0.0	FT
Waldo			0.0	FT
GREEN BAY SUBTOTAL:			**2616.8**	**FT**
WADSWORTH ROAD				
STATION	**TO**	**STATION**	**AREA**	**UNIT**
144+49.50		148+00	150.5	FT
148+00		154+00	419.1	FT
154+00		160+00	189.4	FT
160+00		166+00	0.0	FT
166+00		172+00	0.0	FT
172+00		178+00	821.8	FT
178+00		184+00	800.8	FT
184+00		190+00	309.1	FT
190+00		195+98.95	0.0	FT
Cambridge Dr			151.3	FT
Bayonne Ave			0.0	FT
Lynch Ave			0.0	FT
WADSWORTH SUBTOTAL:			**2842.0**	**FT**
	TOTAL QUANTITY:		**5459.0**	**FT**

FILE NAME = N:\LCDOT\04229\Civil\SCH_040229_02.SHT	USER NAME = mmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	16
		CONTRACT NO. **63766**		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE TABLE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)	STANDARD #	FRAME & GRATE
S101	FLARED END SECTION, 24"	201+40	33.0 RT	-	723.72				542301	
S102	FLARED END SECTION, 24"	202+05	35.4 RT	-		723.55			542301	
S103	FLARED END SECTION, 18"	202+71	42.6 LT	-	723.20				542301	
S104	FLARED END SECTION, 18"	202+91	43.4 LT	-		723.02			542301	
S105	FLARED END SECTION, 24"	203+48	34.3 LT	-			722.42		542101	
S106	FLARED END SECTION, 24"	203+48	27.1 RT	-				722.81	542101	
S107	FLARED END SECTION, 18"	201+28	37.5 LT	-	724.05				542301	
S108	FLARED END SECTION, 18"	201+95	41.4 LT	-		723.86			542301	
S201	FLARED END SECTION, 24"	204+32	47.5 LT	-	722.00				542301	
S202	FLARED END SECTION, 24"	204+60	48.6 LT	-		721.76			542301	
S203	FLARED END SECTION, 18"	205+96	35.6 RT	-	724.46				542301	
S204	FLARED END SECTION, 18"	206+16	36.0 RT	-		724.52			542301	
S205	FLARED END SECTION, 15"	207+84	43.2 RT	-	725.38				542301	
S206	FLARED END SECTION, 15"	208+04	43.9 RT	-		725.61			542301	
S207	CONCRETE HW FOR PIPE DRAINS	209+50	46.6 RT	-				727.00		
S208	CONCRETE HW FOR PIPE DRAINS	209+00	47.7 LT				727.10			
S301	CB, TYPE A, 4', TYPE 24 F&G	212+50	33.0 LT	730.82				726.55	602001	604091
S302	CB, TYPE A, 4', TYPE 24 F&G	212+50	45.0 RT	730.46			726.15	726.05	602001	604091
S303	MH, TYPE A, 4', TYPE 1, CL	212+50	55.0 RT	731.00	725.50		726.00		602401	604001
S304	CB, TYPE A, 4', TYPE 24 F&G	213+50	33.0 LT	730.13				725.85	602001	604091
S305	CB, TYPE A, 4', TYPE 24 F&G	213+50	45.0 RT	729.77		725.45	725.45	725.35	602001	604091
S306	MH, TYPE A, 5', TYPE 1, CL	213+50	55.0 RT	730.50	724.40	724.50	725.25		602401	604001
S307	CB, TYPE A, 4', TYPE 24 F&G	213+20	45.0 RT	729.97	725.75				602001	604091
S401	CB, TYPE A, 4', TYPE 24 F&G	216+00	45.0 LT	728.88				726.08	602001	604091
S402	IN, TYPE A, TYPE 24 F&G	216+00	33.0 RT	729.24			725.73	725.73	602301	604091
S403	MH, TYPE A, 5', TYPE 1, CL	216+08	44.5 RT	730.15	722.05	721.95	725.68	724.56	602401	604001
S404	MH, TYPE A, 4', TYPE 1, CL	216+15	49.4 RT	731.30	724.75	724.65			602401	604001
S405	CB, TYPE A, 4', TYPE 24 F&G	217+50	45.0 LT	729.62	726.55			726.55	602001	604091
S406	IN, TYPE A, TYPE 24 F&G	217+50	33.0 RT	729.98			726.20	726.20	602301	604091
S407	MH, TYPE A, 5', TYPE 1, CL	217+50	46.0 RT	730.86	722.85	722.75	726.10		602401	604001
S408	MH, TYPE A, 5', TYPE 1, CL	218+45.2	46.0 RT	731.60	723.30	723.20		727.21	602401	604001
S409	CB, TYPE A, 4', TYPE 24 F&G	217+85	45.0 LT	729.81		726.80			602001	604091
S410	CB, TYPE A, 5', TYPE 8 GRATE	218+84	46.0 RT	729.17	723.95	723.45			602001	604036
S411	MH, TYPE A, 4', TYPE 1, CL	220+10	46.0 RT	731.00	724.85	724.25	725.75		602401	604001
S412	CB, TYPE A, 4', TYPE 8 GRATE	220+20	51.4 RT	729.54		724.90			602001	604036
S413	CB, TYPE A, 4', TYPE 8 GRATE	220+10	54.0 LT	729.75				726.00	602001	604036
S414	FLARED END SECTION, 15"	221+62	43.6 LT	-	731.17				542301	
S501	FLARED END SECTION, 15"	222+00	43.2 LT	-		731.38			542301	
S502	FLARED END SECTION, 15"	225+74	37.0 LT	-	736.44				542301	
S503	FLARED END SECTION, 15"	226+18	36.7 LT	-		737.01			542301	
S504	FLARED END SECTION, 15"	226+00	40.8 RT	-	736.76				542301	
S505	FLARED END SECTION, 15"	226+28	41.2 RT	-		737.19			542301	
S506	FLARED END SECTION, 18"	227+92	40.2 RT	-	739.74				542301	
S601	FLARED END SECTION, 18"	228+47	43.9 RT	-		740.20			542301	
S701	CONCRETE HW FOR PIPE DRAINS	146+00	28.4 RT			721.14				
S802	CB, TYPE A, 4', TYPE 24 F&G	152+50	27.0 RT	718.97	712.65				602001	604091
S803	CB, TYPE A, 4', TYPE 8 GRATE	152+80	47.0 LT	716.50		711.85		711.75	602001	604036
S804	MH, TYPE A, 4', TYPE 1, CL	153+92	47.3 LT	716.50			711.45	711.35	602401	604001
S901	FLARED END SECTION, 23"x14"	155+35	36.1 RT	-				711.97	542306	
S902	FLARED END SECTION, 23"x14"	156+05	34.5 RT	-			711.26		542306	
S903	CONCRETE HW FOR PIPE DRAINS	158+00	32.3 RT	-		708.70				
S905	FLARED END SECTION, 18"x11"	157+27	34.3 RT	-				710.03		
S906	FLARED END SECTION, 18"x11"	157+47	35.0 RT	-			709.83			
S907	FLARED END SECTION, 18"	158+23	40.1 RT	-				707.69	542301	
S908	FLARED END SECTION, 18"	159+23	40.9 RT	-			707.44		542301	
S909	MH, TYPE A, 4', TYPE 1, CL - RD	156+00	47.3 LT	713.40			709.60	709.50	602401	604001
S910	FLARED END SECTION, 18"	157+00	42.0 LT	-			709.15		542301	
S1001	MH, TYPE A, 6', TYPE 1, CL	163+65	23.0 RT	710.94			706.01	706.01	602406	604001
S1002	FLARED END SECTION, 42"	163+40	57.0 RT	-				705.95	542301	
S1003	FLARED END SECTION, 36"	160+40	44.9 LT	-				706.80	542301	
S1004	FLARED END SECTION, 36"	160+65	45.3 LT	-			706.72		542301	
S1005	FLARED END SECTION, 36"	162+89.5	53.0 LT	-				706.19	542301	
S1006	FLARED END SECTION, 36"	163+14	53.0 LT	-			706.16		542301	
S1007	FLARED END SECTION, 36"	163+72	45.3 LT	-				706.47	542301	
S1008	FLARED END SECTION, 36"	163+94	44.2 LT	-			706.65		542301	
S1009	FLARED END SECTION, 30"	164+74	40.9 LT	-				707.31	542301	
S1010	FLARED END SECTION, 30"	164+92	40.3 LT	-			706.46		542301	
S1012	CONCRETE HW, 120x36	163+27	30.0 LT	-	705.95					
S1013	CONCRETE HW, 120x36	163+27	30.0 RT	-		705.75				
S1014	FLARED END SECTION, 12"	163+28	61.5 LT			705.95			542301	
S1101	MH, TYPE A, 6', TYPE 1, CL	166+25	23.0 RT	711.34		706.66	706.42	706.52	602406	604001
S1102	MH, TYPE A, 5', TYPE 1, CL	170+90	30.0 RT	715.74		709.70	708.90	709.00	602401	604001
S1103	CB, TYPE A, 4', TYPE 8 GRATE	166+25	34.5 RT	709.35	706.88				602001	604036
S1104	CB, TYPE A, 4', TYPE 8 GRATE	168+00	31.2 RT	711.27	707.67				602001	604036
S1105	CB, TYPE A, 4', TYPE 8 GRATE	168+75	35.2 RT	711.65	708.11				602001	604036
S1106	CB, TYPE A, 4', TYPE 8 GRATE	170+90	41.1 RT	713.81	709.80				602001	604036
S1107	CONCRETE HW FOR PIPE DRAINS	168+50	33.7 LT	-	710.50					
S1108	FLARED END SECTION, 18"	171+61	42.9 LT	-				715.14	542301	
S1109	MH, TYPE A, 6', TYPE 1, CL	168+00	24.8 RT	712.20		707.55	708.90	707.39	602406	604001
S1110	MH, TYPE A, 5', TYPE 1, CL	168+75	26.1 RT	712.82		707.93	707.75	707.85	602401	604001
S1111	CONCRETE HW FOR PIPE DRAINS	169+50	45.0 LT					714.45		
S1201	MH, TYPE A, 5', TYPE 1, CL	173+50	41.0 RT	719.70			712.90	713.00	602401	604001
S1202	CB, TYPE A, 4', TYPE 8 GRATE	176+75	48.0 LT	722.28			718.00		602001	604036
S1203	CB, TYPE A, 4', TYPE 24 F&G	176+00	33.0 LT	722.82	717.50	717.40			602001	604091
S1204	CB, TYPE A, 4', TYPE 24 F&G	176+00	33.0 RT	722.82	717.10	717.10			602001	604091
S1205	MH, TYPE A, 5', TYPE 1, CL	176+00	42.2 RT	722.90	717.04		715.95	716.25	602401	604001
S1206	CONCRETE HW FOR PIPE DRAINS	172+50	41.8 LT	-	715.70					
S1207	FLARED END SECTION, 18"	172+19	45.1 LT	-			715.14		542301	
S1208	INLET, TYPE A, TYPE 8 GRATE	172+45	49.0 LT	715.59		714.80			602301	604036
S1209	INLET, TYPE A, TYPE 8 GRATE	172+45	49.0 RT	715.11	714.60				602301	604036
S1210	MH, TYPE A, 4', TYPE 1, CL	176+00	42.2 LT	722.75		717.55		717.65	602401	604001
S1301	CB, TYPE A, 4', TYPE 24 F&G	178+15	33.0 LT	726.22		721.80			602001	604091
S1302	CB, TYPE A, 4', TYPE 24 F&G	178+15	33.0 RT	726.22	721.50	721.40			602001	604091
S1303	CB, TYPE A, 5', TYPE 8 GRATE	178+15	40.6 RT	726.75	721.35		719.20	719.30	602001	604036

DRAINAGE STRUCTURE TABLE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)	STANDARD #	FRAME & GRATE
S1304	CB, TYPE A, 4', TYPE 24 F&G	180+15	62.0 LT	728.87				724.80	602001	604091
S1305	CB, TYPE A, 4', TYPE 24 F&G	181+00	33.0 LT	729.10			725.10		602001	604091
S1306	CB, TYPE A, 4', TYPE 24 F&G	180+38	38.3 LT	728.78			724.70	724.80	602001	604091
S1307	CB, TYPE A, 4', TYPE 24 F&G	180+26	46.7 LT	728.69			724.35	724.60	602001	604091
S1308	CB, TYPE A, 4', TYPE 24 F&G	180+22	53.2 RT	729.02				724.77	602001	604091
S1309	CB, TYPE A, 4', TYPE 24 F&G	181+00	33.0 RT	729.10		724.85			602001	604091
S1310	CB, TYPE A, 4', TYPE 24 F&G	180+50	36.6 RT	728.92		725.40			602001	604091
S1311	MH, TYPE A, 5', TYPE 24 F&G	180+38	41.6 RT	728.87	725.30	724.53	723.27	723.37	602401	604091
S1312	CB, TYPE A, 4', TYPE 24 F&G	182+50	33.0 LT	731.76		727.40			602001	604091
S1313	CB, TYPE A, 4', TYPE 24 F&G	182+50	33.0 RT	731.76	727.05	726.80			602001	604091
S1314	MH, TYPE A, 4', TYPE 1, CL	182+50	40.9 RT	732.25	726.70		726.60	726.85	602401	604001
S1315	CB, TYPE A, 4', TYPE 8 GRATE	181+58	44.6 RT	729.47	727.00				602001	604036
S1316	MH, TYPE A, 5', TYPE 1, CL	180+90	37.5 RT	729.37	724.75		724.00	724.25	602401	604001
S1317	MH, TYPE A, 6', TYPE 1, CL	180+17	39.8 RT	729.25	721.14	723.30	721.00	723.05	602406	604001
S1318	MH, TYPE A, 6', TYPE 1, CL	180+20	53.9 LT	728.79	721.70	721.60	724.75	724.30	602406	604001
S1319	MH, TYPE A, 4', TYPE 1, CL	181+48	37.5 RT	729.80		726.85	724.75	724.85	602401	604001
S1320	CB, TYPE A, 4', TYPE 24 F&G	180+29	47.3 RT	728.95			727.70	724.80	602001	604091
S1401	CB, TYPE A, 4', TYPE 8 GRATE	184+50	43.7 RT	735.38			731.10		602001	604036
S1402	CONCRETE HW FOR PIPE DRAINS, 6"	186+63	45.4 LT	-				733.78		
S1403	IN, TYPE A, TYPE 1 FR, CL	186+66.5	45.3 LT	735.70			733.77	733.77	602301	604001
S1404	FLARED END SECTION, 15"	187+08	42.6 LT	-			733.46		542301	
S1405	FLARED END SECTION, 10"	188+15	36.1 LT	-				731.95	542301	
S1406	IN, TYPE A, TYPE 1 FR, CL	188+20.5	35.9 LT	734.50			731.92	731.92	602301	604001
S1407	FLARED END SECTION, 15"	188+41.5	34.7 LT	-			731.69		542301	
S1408	FLARED END SECTION, 10"	188+61.5	33.9 LT	-				731.46	542301	
S1409	IN, TYPE A, TYPE 1 FR, CL	188+66.5	33.8 LT	733.80			731.40	731.40	602301	604001
S1410	FLARED END SECTION, 15"	188+87.5	33.0 LT	-			730.98		542301	
S1501	FLARED END SECTION, 15"	191+78	28.3 LT	-				731.50	542301	
S1502	FLARED END SECTION, 15"	192+08	28.0 LT	-			731.63		542301	
S1503	FLARED END SECTION, 23"x14"	194+85	33.0 LT	-			730.76		542306	
S1504	FLARED END SECTION, 23"x14"	195+45	37.0 LT	-				730.60	542306	
S1505	CONCRETE HW FOR PIPE DRAINS	190+25	35.2 RT	-			730.55			

PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P301	S301	S302	78	12	SS CLASS A TYPE 1	0.51	13.5
P302	S302	S303	10	12	SS CLASS A TYPE 1	0.50	2.3
P303	S304	S305	78	12	SS CLASS A TYPE 1	0.51	13.5
P304	S305	S306	10	12	SS CLASS A TYPE 1	1.00	2.4
P305	S303	S306	100	15	SS CLASS A TYPE 2	1.00	27.0
P306	S306	S1317	110	15	WATER MAIN QUALITY	1.00	24.9
P307	S1318	S1317	92	36	WATER MAIN QUALITY	0.50	79.6
P308	S307	S305	30	12	SS CLASS A TYPE 1	1.00	5.2
P309	S403	S1318	51	36	WATER MAIN QUALITY	0.49	8.7
P401	S401	S402	78	12	WATER MAIN QUALITY	0.45	10.3
P402	S402	S403	13	12	WATER MAIN QUALITY	0.38	1.8
P403	S404	S403	9	12	WATER MAIN QUALITY	1.00	0.0
P404	S405	S406	78	12	WATER MAIN QUALITY	0.45	10.3
P405	S406	S407	13	12	WATER MAIN QUALITY	0.77	1.7
P406	S407	S403	147	36	WATER MAIN QUALITY	0.48	0.0
P407	S408	S407	95	36	WATER MAIN QUALITY	0.37	69.0
P408	S410	S408	39	36	SS CLASS A TYPE 2	0.38	0.0
P409	S409	S405	35	12	SS CLASS A TYPE 1	0.71	4.6
P410	EX	S410	6	24	SS CLASS A TYPE 1	30.00	0.0
P411	S411	S410	124	30	SS CLASS A TYPE 2	0.24	26.6
P412	S412	S411	11	18	SS CLASS A TYPE 1	0.45	0.0
P413	S413	S411	100	24	WATER MAIN QUALITY	0.25	11.7
P801	S802	S803	80	12	WATER MAIN QUALITY	1.00	24.8
P802	S803	S804	111	18	WATER MAIN QUALITY	0.27	27.0
P905	S904	S909	206	18	WATER MAIN QUALITY	0.85	0.0
P906	S909	S910	100	18	WATER MAIN QUALITY	0.35	0.0
P1001	S1101	S1001	258	34x53	SS CLASS A TYPE 1	0.16	143.2
P1002	S1001	S1002	41	34x53	SS CLASS A TYPE 1	0.17	0.0
P1101	S1110	S1109	72	29x45	SS CLASS A TYPE 1	0.50	15.6
P1102	S1201	S1102	259	29x45	SS CLASS A TYPE 2	1.51	83.5
P1103	S1103	S1101	11	12	SS CLASS A TYPE 1	2.00	1.0
P1104	S1104	S1109	6	12	SS CLASS A TYPE 1	2.00	1.0
P1105	S1105	S1110	9	12	SS CLASS A TYPE 1	2.00	1.0
P1106	S1106	S1102	10	12	SS CLASS A TYPE 1	1.00	1.0
P1107	S1109	S1101	172	34x53	SS CLASS A TYPE 1	0.22	74.0
P1108	S1102	S1110	214	29x45	SS CLASS A TYPE 1	0.50	50.7
P1201	S1202	S1210	75	12	WATER MAIN QUALITY	0.47	9.3
P1202	S1203	S1204	66	12	WATER MAIN QUALITY	0.45	21.1
P1203	S1204	S1205	9	12	SS CLASS A TYPE 2	0.67	3.1
P1204	S1208	S1209	98	12	SS CLASS A TYPE 1	0.20	8.4
P1205	S1303	S1205	215	36	SS CLASS A TYPE 2	1.37	94.0
P1206	S1205	S1201	250	36	SS CLASS A TYPE 2	1.18	0.0
P1207	S1210	S1203	9	12	SS CLASS A TYPE 2	0.56	1.4
P1301	S1301	S1302	66	12	WATER MAIN QUALITY	0.45	14.2
P1302	S1302	S1303	8	12	SS CLASS A TYPE 2	0.62	2.1
P1303	S1317	S1303	199	36	SS CLASS A TYPE 2	0.85	105.2
P1304	S1307	S1318	10	12	SS CLASS A TYPE 1	0.50	1.3
P1305	S1305	S1306	62	12	WATER MAIN QUALITY	0.45	8.2
P1306	S1308	S1307	15	12	WATER MAIN QUALITY	0.67	2.4
P1307	S1309	S1316	10	12	WATER MAIN QUALITY	1.00	2.6
P1308	S1308	S1320	9	12	WATER MAIN QUALITY	0.78	1.6
P1309	S1310	S1311	13	12	WATER MAIN QUALITY	0.78	2.4
P1310	S1311	S1317	11	18	WATER MAIN QUALITY	1.36	2.0
P1311	S1304	S1318	9	12	SS CLASS A TYPE 1	0.56	1.4
P1312	S1312	S1313	66	12	WATER MAIN QUALITY	0.53	13.5
P1313	S1313	S1314	8	15	SS CLASS A TYPE 2	1.25	2.3
P1314	S1314	S1319	100	15	SS CLASS A TYPE 1	1.75	5.4
P1315	S1319	S1316	56	15	WATER MAIN QUALITY	0.89	21.6
P1316	S1316	S1311	50	18	WATER MAIN QUALITY	1.40	11.1
P1317	S1410	S1314	200	12	SS CLASS A TYPE 1	2.13	0.0
P1318	S1315	S1319	11	12	WATER MAIN QUALITY	1.36	2.2
P1319	S1320	S1311	9	12	WATER MAIN QUALITY	0.78	2.4

FILE NAME = N:\LCDOT\04229\Drain\DRN_SCHED.DGN

USER NAME = cmoral | PLOT SCALE = 1' | PLOT DATE = 1/22/2013

DESIGNED - | DRAWN - | CHECKED - | DATE -

REVISED - | REVISED - | REVISED - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
DRAINAGE SCHEDULES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	17
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CULVERT SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P101	S101	S102	65	24	PC CLASS A TYPE 1	0.42	7.5
P102	S103	S104	20	18	PC CLASS A TYPE 1	0.80	2.1
P103	S106	S105	61	24	PC CLASS A TYPE 1	0.64	7.1
P104	S107	S108	67	18	PC CLASS A TYPE 1	0.28	7.0
P201	S201	S202	48	24	PC CLASS A TYPE 1	0.50	5.6
P202	S204	S203	20	18	PC CLASS A TYPE 1	0.60	2.1
P203	S206	S205	20	15	PC CLASS A TYPE 1	0.70	2.4
P414	S501	S414	18	15	PC CLASS A TYPE 1	1.11	2.2
P501	S503	S502	44	15	PC CLASS A TYPE 1	1.61	5.3
P502	S505	S504	28	15	WATER MAIN QUALITY	2.18	3.4
P601	S601	S506	55	18	PC CLASS A TYPE 1	0.80	5.8
P901	S901	S902	70	23x14	PCE CLASS A TYPE 1	1.01	7.4
P903	S905	S906	20	18x11	PCE CLASS A TYPE 1	0.00	2.4
P904	S907	S908	60	18	PC CLASS A TYPE 1	0.35	6.3
P1003	S1003	S1004	25	36	WATER MAIN QUALITY	0.32	4.2
P1004	S1005	S1006	25	36	WATER MAIN QUALITY	0.12	4.2
P1005	S1008	S1007	22	36	WATER MAIN QUALITY	0.82	3.7
P1006	S1010	S1009	18	30	WATER MAIN QUALITY	0.83	2.0
P1008	S1012	S1013	60	144x36	RCBC 12' X 3'	0.33	0
P1110	S1207	S1108	58	18	WATER MAIN QUALITY	0.00	5.0
P1401	S1402	S1403	2	6	PC CLASS A TYPE 1	0.80	0
P1402	S1403	S1404	40	15	PC CLASS A TYPE 1	0.80	4.5
P1403	S1405	S1406	3	10	PC CLASS A TYPE 1	1.31	0
P1404	S1406	S1407	18	15	PC CLASS A TYPE 1	1.31	2.2
P1405	S1408	S1409	3	10	PC CLASS A TYPE 1	2.46	0
P1406	S1409	S1410	18	15	PC CLASS A TYPE 1	2.46	2.3
P1501	S1502	S1501	30	15	PC CLASS A TYPE 1	0.43	3.1
P1502	S1503	S1504	60	23x14	PCE CLASS A TYPE 1	0.27	6.3

SUBSURFACE PAVEMENT DRAIN

SPD NO.	FROM		TO		LENGTH (FT)	LENGTH SP (FT)	DIA. (IN)
	STATION	OFFSET	STATION	OFFSET			
201	209+50.00	34.00 RT	209+50.00	43.84 RT		10	4
202	211+50.00	44.98 RT	209+50.00	34.00 RT	200		4
203	209+00.00	32.89 LT	209+00.00	44.60 LT		12	4
204	211+50.00	36.58 LT	209+00.00	32.89 LT	250		4
301	211+50.00	44.98 RT	212+50.00	44.98 RT	100		4
302	211+50.00	44.98 RT	213+50.00	44.98 RT	200		4
401	220+00.00	38.00 LT	216+00.00	48.58 LT	400		4
701	146+00.00	19.06 RT	146+00.00	28.43 RT		9	4
702	148+00.00	30.58 RT	146+00.00	19.06 RT	200		4
801	148+00.00	30.58 RT	152+50.00	30.58 RT	450		4
802	152+13.46	27.93 LT	152+78.71	46.84 LT	75		4
901	155+00.00	23.00 RT	158+00.00	23.00 RT	300		4
902	158+00.00	23.00 RT	158+00.00	32.31 RT		9	4
1101	170+50.00	28.00 RT	166+25.00	23.00 RT	425		4
1102	171+00.00	30.18 LT	168+50.00	25.18 LT	250		4
1103	168+50.00	25.18 LT	168+50.00	33.66 LT		9	4
1201	172+50.00	33.18 LT	172+50.00	41.79 LT		9	4
1202	176+00.00	36.58 LT	172+50.00	33.18 LT	350		4
1203	176+75.00	36.58 LT	176+75.00	47.96 LT		11	4
1204	178+15.00	36.58 LT	176+75.00	36.58 LT	140		4
1301	179+24.21	102.71 LT	178+17.00	36.58 LT	147		4
1302	186+00.00	35.55 LT	181+00.00	36.58 LT	500		4
1401	186+00.00	34.86 RT	190+25.00	26.36 RT	425		4
1501	190+25.00	26.36 RT	190+25.00	35.17 RT		9	4
1502	193+00.00	20.86 RT	190+25.00	26.36 RT	275		4

WADSWORTH DRAINAGE STRUCTURE REMOVAL

STRUCTURE	STATION	OFFSET	EACH
12" HW	144+66.25	22.75 LT	1
12" HW	144+91.25	23.53 LT	1
12" HW	145+31.29	23.77 LT	1
12" HW	145+54.65	23.60 LT	1
12" HW	145+44.50	25.03 RT	1
12" HW	145+67.23	24.78 RT	1
12" HW	149+39.41	28.92 RT	1
12" HW	149+72.85	29.04 RT	1
12" HW	151+99.12	28.87 RT	1
12" HW	152+34.60	29.50 RT	1
18" FES	152+86.95	45.75 LT	1
18" FES	155+15.38	46.12 LT	1
15" FES	155+82.02	21.95 RT	1
15" FES	155+31.13	25.35 RT	1
15" FES	156+11.21	23.05 RT	1
15" HW	157+25.24	22.12 RT	1
15" HW	157+49.84	22.56 RT	1
15" FES	158+66.05	24.48 RT	1
15" HW	159+15.06	24.17 RT	1
15" HW	160+38.67	22.59 LT	1
15" HW	160+78.24	22.79 LT	1
36" HW	163+17.59	23.65 LT	1
36" HW	162+87.32	23.47 LT	1
36" HW	163+27.04	24.64 RT	1
36" HW	163+27.60	21.64 LT	1
15" HW	163+61.64	21.63 LT	1
15" FES	164+02.29	23.25 LT	1
15" HW	164+66.75	23.60 LT	1
15" HW	164+91.38	23.65 LT	1
24" HW	164+14.66	23.29 RT	1
24" HW	164+38.88	22.59 RT	1
24" HW	165+94.16	24.06 RT	1
24" HW	166+18.32	23.29 RT	1
24" HW	167+32.37	23.28 RT	1
24" HW	167+57.15	23.19 RT	1
24" HW	168+45.41	23.95 RT	1
24" HW	168+63.58	24.21 RT	1
24" HW	170+95.57	23.24 RT	1
24" HW	171+19.38	23.21 RT	1
18" FES	171+49.43	23.38 LT	1
18" FES	172+25.97	23.26 LT	1
12" HW	172+29.67	21.51 LT	1
4" HW	173+34.74	25.37 RT	1
15" FES	176+34.88	34.91 LT	1
15" FES	176+61.58	35.95 LT	1
15" FES	177+52.37	37.80 LT	1
15" FES	177+84.41	37.72 LT	1
18X30 FES	176+47.59	32.88 RT	1
MH	178+85.15	31.76 RT	1
INL	178+85.66	27.91 RT	1
MH	179+23.13	24.58 RT	1
MH	180+09.55	26.53 RT	1
MH	180+11.46	32.50 LT	1
INL	180+13.55	41.27 RT	1
CB	180+38.07	34.58 LT	1
INL	180+37.75	26.41 LT	1
15" HW	181+02.76	37.95 LT	1
15" HW	181+36.37	36.51 LT	1
15" HW	181+67.74	34.30 LT	1
15" HW	182+64.07	34.26 LT	1
MH	181+66.01	20.79 RT	1
CB	181+66.03	33.69 RT	1
CB	183+61.78	34.42 RT	1
MH	183+62.46	26.58 RT	1
CB	183+63.59	33.21 LT	1
15" HW	188+14.84	25.44 LT	1
15" HW	188+39.78	27.30 LT	1
15" HW	188+61.28	30.75 LT	1
15" HW	188+84.76	30.73 LT	1
15" HW	189+89.64	37.15 LT	1
15" HW	190+14.96	36.77 LT	1
15" FES	191+79.85	32.74 LT	1
15" FES	192+04.23	33.69 LT	1
15" FES	195+01.58	27.42 LT	1
15" FES	195+38.44	28.75 LT	1

WADSWORTH PIPE CULVERT REMOVAL

STATION	DIA (IN)	OFFSET	LENGTH
144+91	12	LT	25
145+55	12	LT	23
145+67	12	RT	23
149+39	12	RT	33
151+99	12	RT	35
152+87	18	LT	228
155+31	15	RT	80
157+25	15	RT	25
158+66	15	RT	49
160+39	15	LT	40
162+87	36	LT	30
163+28	36	CENTER	46
164+02	15	LT	41
164+39	24	RT	24
164+91	15	LT	25
166+18	24	RT	24
167+57	24	RT	25
168+64	24	RT	18
171+19	24	RT	24
172+26	18	LT	77
176+62	15	LT	27
177+85	15	LT	32
181+37	15	LT	34
182+64	15	LT	96
188+15	15	LT	25
188+61	15	LT	23
190+15	15	LT	25
192+04	15	LT	24
195+00	15	LT	37

WADSWORTH STORM SEWER REMOVAL

STATION	DIA (IN)	OFFSET	LENGTH	TBF (CY)
178+85	30X18	RT	238	25.9
178+86	12	RT	4	0.8
179+23	30X18	RT	39	8.2
180+10	18	RT	58	10.4
180+38	12	LT	27	5.2
180+38	12	LT	8	1.6
181+65	15	RT	157	28.1
181+67	12	RT	13	2.4
183+63	12	RT	197	34.1
183+62	12	RT	10	1.7
183+64	12	CENTER	60	12.9

GREEN BAY DRAINAGE STRUCTURE REMOVAL

STRUCTURE	STATION	OFFSET	EACH
12" HW	201+39.49	23.48 LT	1
12" HW	202+00.00	23.26 LT	1
24" HW	201+42.99	24.57 RT	1
24" HW	202+00.54	24.07 RT	1
12" HW	202+71.09	23.37 LT	1
12" HW	202+94.57	23.29 LT	1
15" FES	203+47.78	23.81 LT	1
15" HW	203+47.50	26.38 RT	1
15" HW	204+28.24	26.17 LT	1
15" HW	204+60.55	26.87 LT	1
15" HW	205+92.64	23.14 RT	1
15" HW	206+16.75	22.90 RT	1
12" HW	208+27.07	23.06 RT	1
4" HW	208+28.90	23.65 LT	1
15" HW	209+71.82	28.10 RT	1
15" FES	210+01.61	30.82 RT	1
CB	211+70.43	34.95 RT	1
CB	211+73.77	37.75 RT	1
INL	212+36.10	27.33 RT	1
CB	213+25.44	32.95 RT	1
INL	213+63.99	31.48 RT	1
INL	212+78.44	27.49 LT	1
CB	212+85.12	40.35 LT	1
CB	213+16.62	38.19 LT	1
MH	213+25.84	25.65 LT	1
CB	213+97.09	39.05 LT	1
MH	214+21.24	27.72 LT	1
INL	215+72.65	27.84 RT	1
MH	215+80.61	48.25 RT	1
15" HW	217+98.19	34.37 LT	1
MH	218+36.97	35.44 RT	1
15" FES	218+81.11	35.82 RT	1
24" FES	218+84.35	47.87 RT	1
18" HW	219+37.57	32.53 RT	1
6" HW	219+43.38	47.59 RT	1
6" HW	219+56.13	47.70 RT	1
18" FES	220+10.12	31.99 RT	1
15" FES	219+24.36	33.80 LT	1
15" FES	219+36.55	34.13 LT	1
15" FES	219+75.48	33.79 LT	1
15" HW	221+80.36	23.30 LT	1
15" HW	222+03.99	23.00 LT	1
15" HW	225+62.51	31.43 LT	1
15" FES	226+33.64	32.11 LT	1
15" HW	225+99.98	26.04 RT	1
15" HW	226+30.40	27.68 RT	1
12" HW	227+75.99	24.91 RT	1
12" HW	228+53.00	24.90 RT	1

GREEN BAY PIPE CULVERT REMOVAL

STATION	DIA (IN)	OFFSET	LENGTH
201+39	12	LT	61
201+43	24	RT	58
202+71	12	LT	24
203+48	15	CENTER	50
204+28	15	LT	32
206+17	15	RT	24
209+72	15	RT	30
219+75	15	LT	39
220+10	18	RT	73
222+04	15	LT	24
226+34	15	LT	71
226+30	15	RT	30
228+52	12	RT	77

GREEN BAY STORM SEWER REMOVAL

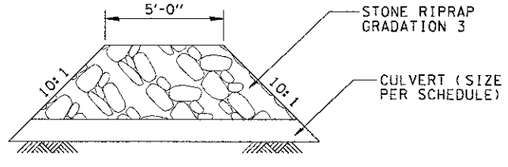
STATION	DIA (IN)	OFFSET	LENGTH	TBF (CY)
211+74	10	RT	4	0.3
211+70	12	RT	155	10.5
211+36	6	RT	8	0.6
213+25	12	RT	10	1.0
213+25	12	RT	39	3.9
213+64	12	RT	113	7.7
215+35	15	RT	59	13.9
215+73	12	RT	41	8.0
215+81	12	RT	22	4.7
212+75	12	LT	10	0.0
212+78	12	LT	14	0.7
212+85	12	LT	43	2.9
213+17	12	LT	16	2.4
213+26	15	LT	95	13.6
213+97	12	LT	27	4.1
214+21	12	LT	54	0.3
216+17	12	RT	36	0.0
218+49	12	RT	20	0.0
218+81	15	RT	43	0.0
218+37	15	CENTER	64	0.0
218+85	24	RT	2	0.0
219+24	15	LT	126	0.0

DRAINAGE NOTES

MANHOLE	RIM ELEVATION AND OFFSET ARE GIVEN AT THE CENTER OF THE STRUCTURE	RIM ELEV. & OFFSET GIVEN AT E.O.P. IF IN CURB
HEADWALL	INVERT ELEVATION AND OFFSET ARE GIVEN AT THE END OF THE CULVERT	
INLET	RIM ELEVATION AND OFFSET ARE GIVEN AT THE CENTER OF THE FRAME	RIM ELEV. & OFFSET GIVEN AT E.O.P. IF IN CURB
SLOPED HEADWALL & FLARED END SECTIONS	INVERT ELEVATION AND OFFSET ARE GIVEN AT THE END OF THE PIPE	

DITCH CHECK

STATION	OFFSET	PIPE SIZE	U/S INVERT	D/S INVERT	TOP
190+00	30.00 LT	8"	730.47	730.41	732.20



DITCH CHECK DETAIL (SECTION)

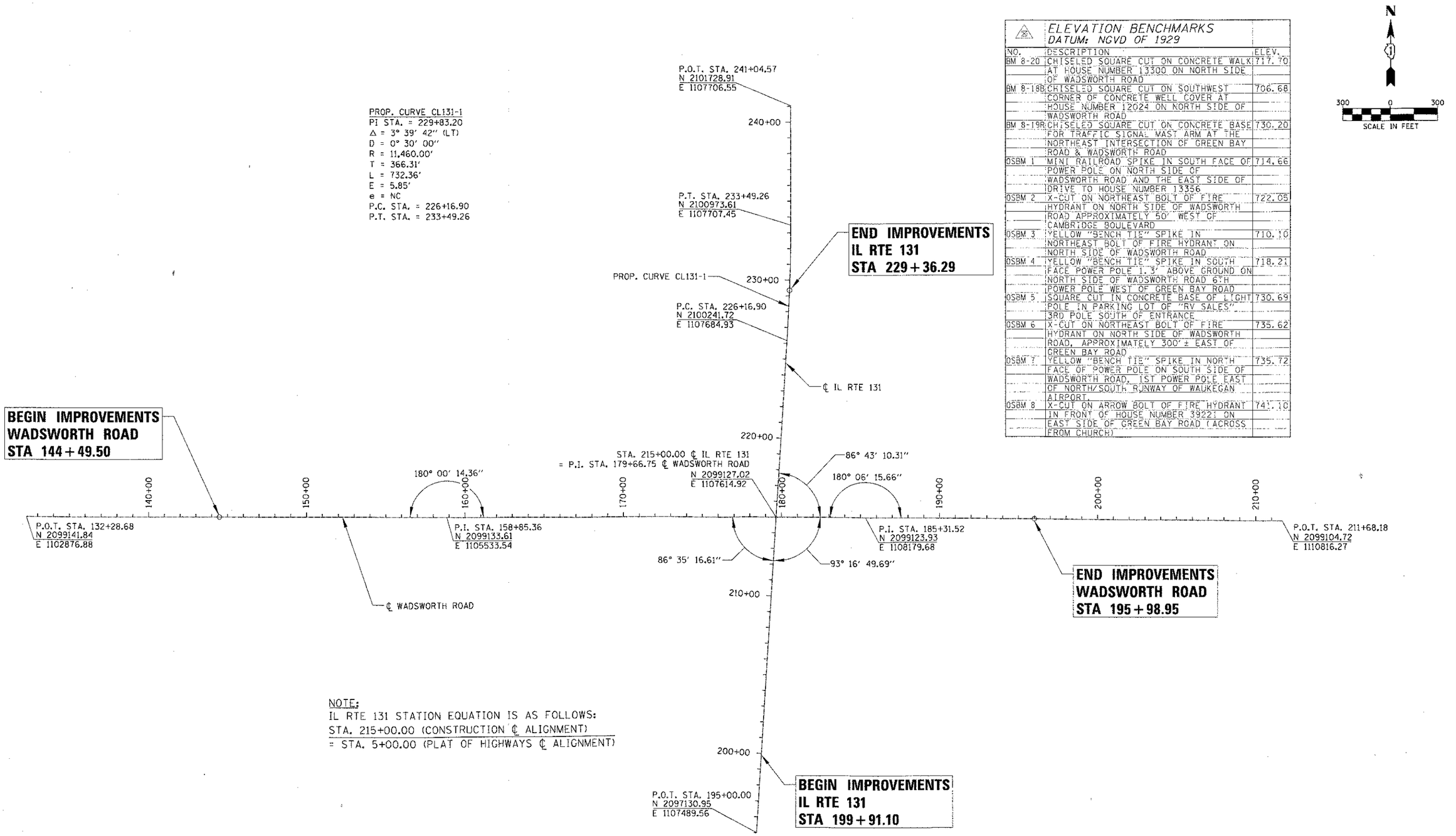
FILE NAME = N:\CDOT\84229\Drain\DRN_SCHED2.DGN	USER NAME = mnorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
DRAINAGE SCHEDULES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	18
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTE:
IL RTE 131 STATION EQUATION IS AS FOLLOWS:
STA. 215+00.00 (CONSTRUCTION ℄ ALIGNMENT)
= STA. 5+00.00 (PLAT OF HIGHWAYS ℄ ALIGNMENT)

ELEVATION BENCHMARKS
DATUM: NGVD OF 1929

NO.	DESCRIPTION	ELEV.
BM 8-20	CHISELED SQUARE CUT ON CONCRETE WALK AT HOUSE NUMBER 13300 ON NORTH SIDE OF WADSWORTH ROAD	717.70
BM 8-18B	CHISELED SQUARE CUT ON SOUTHWEST CORNER OF CONCRETE WELL COVER AT HOUSE NUMBER 12024 ON NORTH SIDE OF WADSWORTH ROAD	706.68
BM 8-19R	CHISELED SQUARE CUT ON CONCRETE BASE FOR TRAFFIC SIGNAL MAST ARM AT THE NORTHEAST INTERSECTION OF GREEN BAY ROAD & WADSWORTH ROAD	730.20
OSBM 1	MINI RAILROAD SPIKE IN SOUTH FACE OF POWER POLE ON NORTH SIDE OF WADSWORTH ROAD AND THE EAST SIDE OF DRIVE TO HOUSE NUMBER 13356	714.66
OSBM 2	X-CUT ON NORTHEAST BOLT OF FIRE HYDRANT ON NORTH SIDE OF WADSWORTH ROAD APPROXIMATELY 50' WEST OF CAMBRIDGE BOULEVARD	722.05
OSBM 3	YELLOW "BENCH TIE" SPIKE IN NORTHEAST BOLT OF FIRE HYDRANT ON NORTH SIDE OF WADSWORTH ROAD	710.10
OSBM 4	YELLOW "BENCH TIE" SPIKE IN SOUTH FACE POWER POLE 1.3' ABOVE GROUND ON NORTH SIDE OF WADSWORTH ROAD 6TH POWER POLE WEST OF GREEN BAY ROAD	718.21
OSBM 5	SQUARE CUT IN CONCRETE BASE OF LIGHT POLE IN PARKING LOT OF "RV SALES" 3RD POLE SOUTH OF ENTRANCE	730.69
OSBM 6	X-CUT ON NORTHEAST BOLT OF FIRE HYDRANT ON NORTH SIDE OF WADSWORTH ROAD, APPROXIMATELY 300'± EAST OF GREEN BAY ROAD	735.62
OSBM 7	YELLOW "BENCH TIE" SPIKE IN NORTH FACE OF POWER POLE ON SOUTH SIDE OF WADSWORTH ROAD, 1ST POWER POLE EAST OF NORTH/SOUTH RUNWAY OF WAUKEGAN AIRPORT.	735.72
OSBM 8	X-CUT ON ARROW BOLT OF FIRE HYDRANT IN FRONT OF HOUSE NUMBER 39221 ON EAST SIDE OF GREEN BAY ROAD (ACROSS FROM CHURCH)	741.10

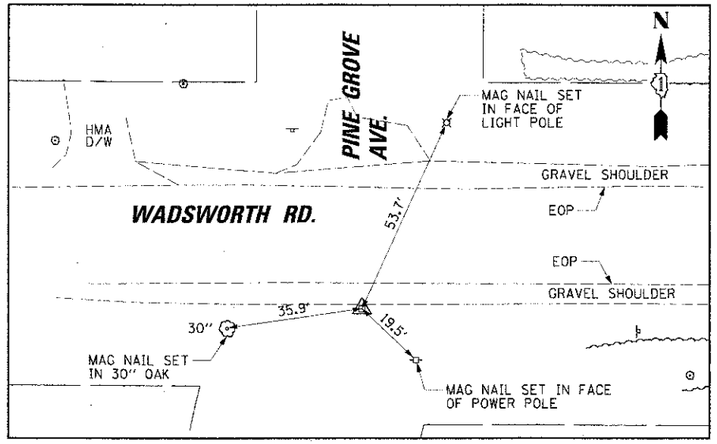
FILE NAME = N:\CDOT\840229\Civil\BM_840229_01.SHT	USER NAME = ombrel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 30#	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

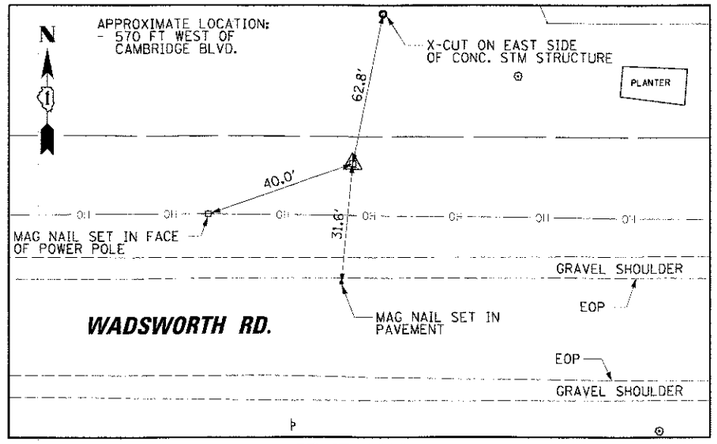
WADSWORTH ROAD AT GREEN BAY ROAD
ALIGNMENT, TIES AND BENCHMARKS

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

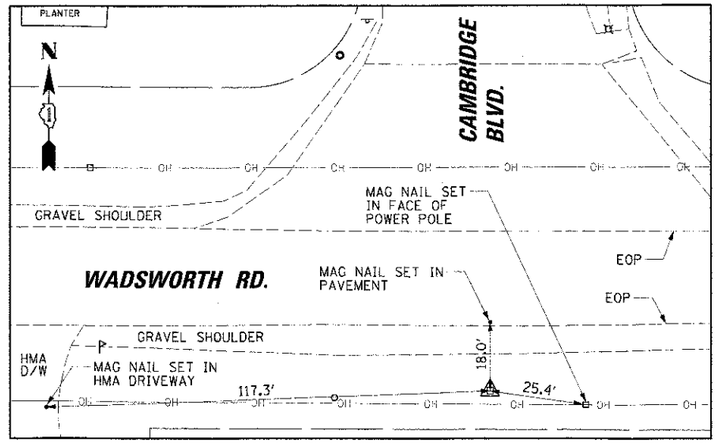
F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	19
		CONTRACT NO. **63766**		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



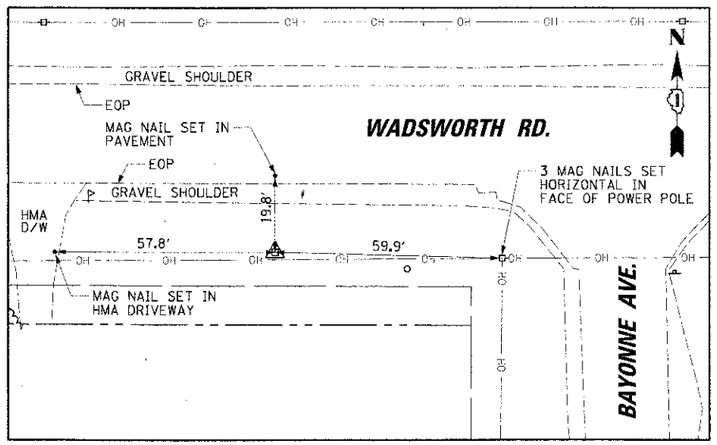
CP–IP 1011



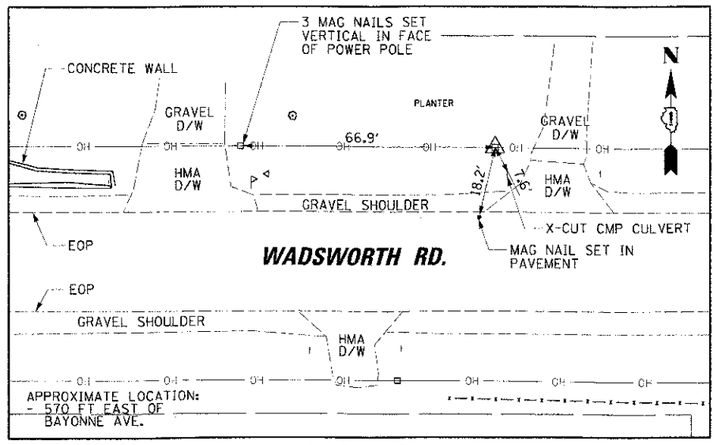
CP–IP 1012



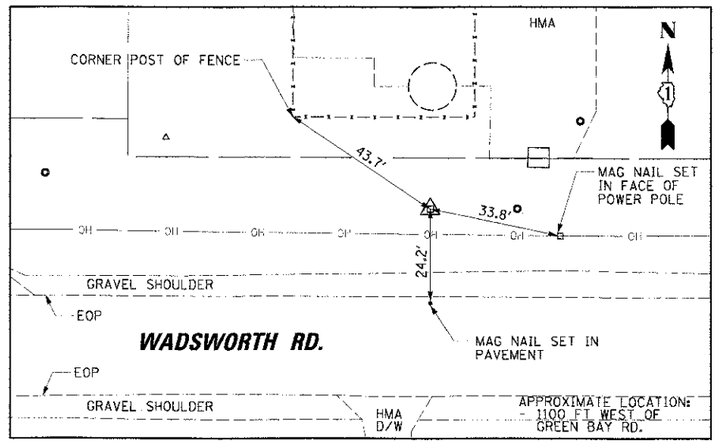
CP–IP 1013



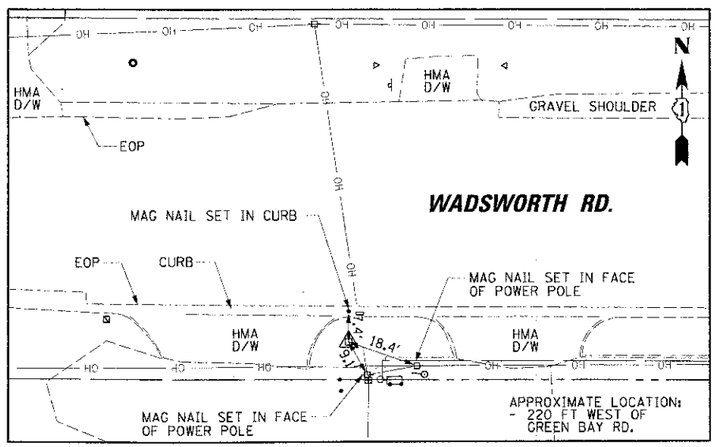
CP–IP 1014



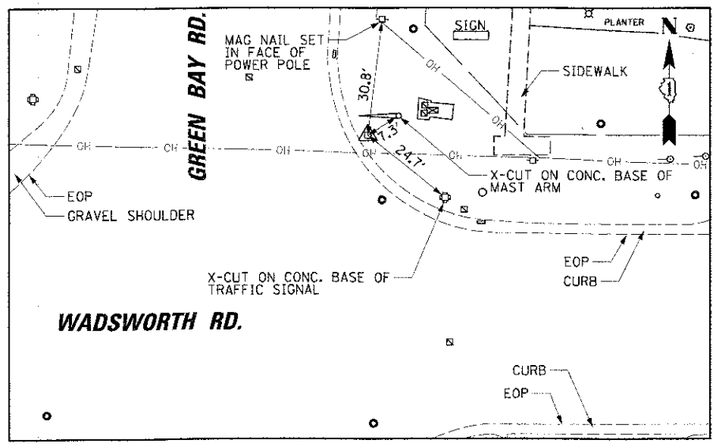
CP–IP 1015



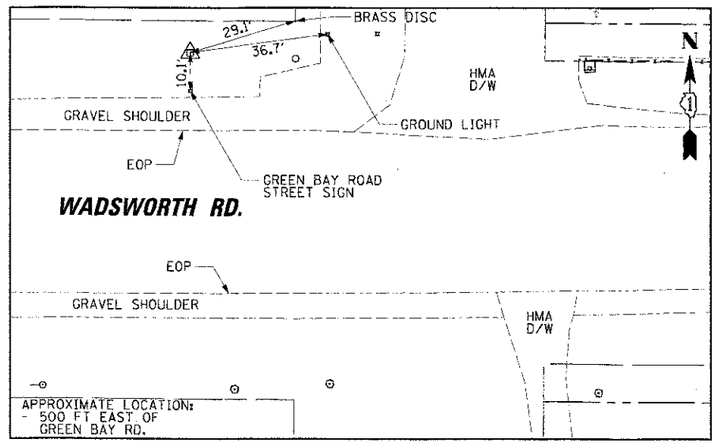
CP–IP 1016



CP–PK 1018



CP–IP 1019



CP–IP 1027

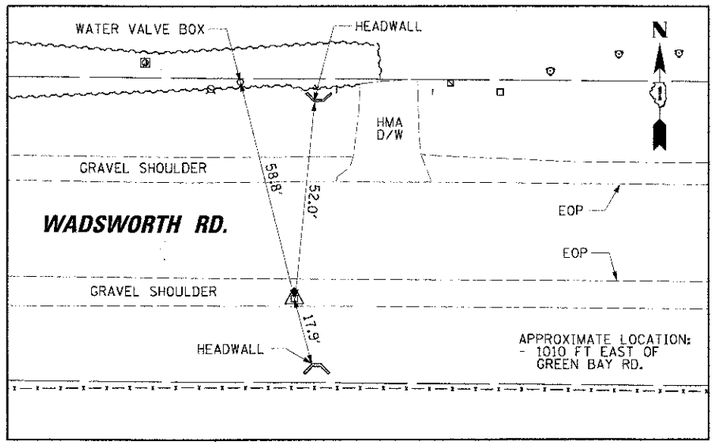
FILE NAME = N:\ILCDOT\94223\Civil\SNHL_040229_02.S4T	USER NAME = mmarel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

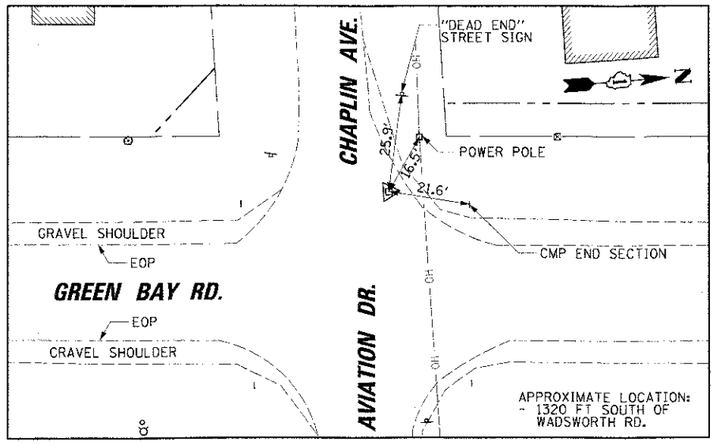
WADSWORTH ROAD AT GREEN BAY ROAD
ALIGNMENT, TIES AND BENCHMARKS

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

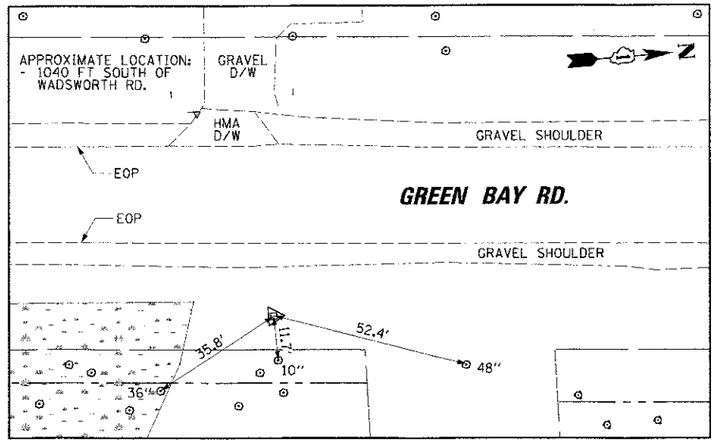
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	20
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



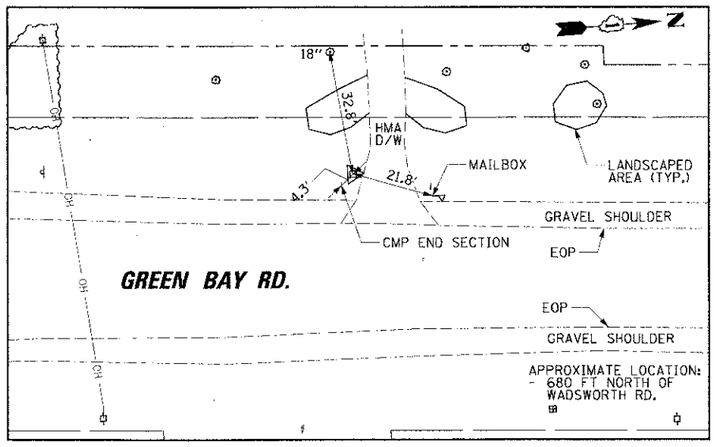
CP-IP 1022



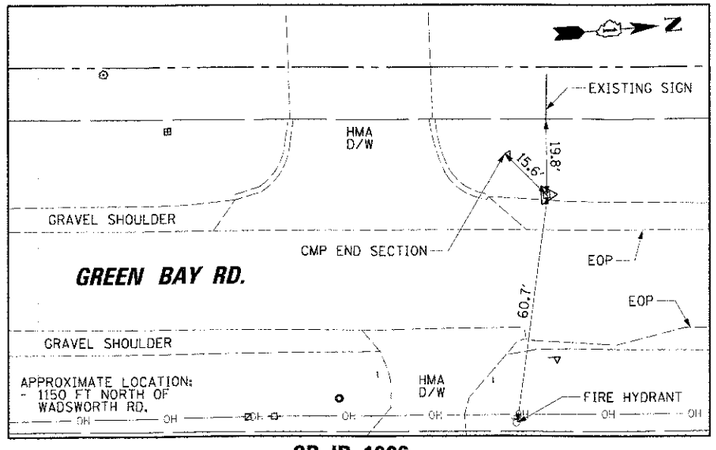
CP-PK 1028



CP-IP 1023



CP-IP 1025



CP-IP 1026

HORIZONTAL CONTROL

NO.	NORTHING	EASTING	DESCRIPTION
CP-1011	2099119.12	1103871.01	IRON PIPE
CP-1012	2099179.88	1104418.94	IRON PIPE
CP-1013	2099105.46	1104989.23	IRON PIPE
CP-1014	2099102.85	1105448.53	IRON PIPE
CP-1015	2099162.19	1106111.82	IRON PIPE
CP-1016	2099167.04	1106513.67	IRON PIPE
CP-1018	2099092.65	1107392.47	NAIL - GEAR SPIKE
CP-1019	2099176.39	1107656.11	IRON PIPE
CP-1022	2099102.86	1108626.80	IRON PIPE
CP-1023	2098082.40	1107581.71	IRON PIPE
CP-1025	2099810.80	1107631.55	IRON PIPE
CP-1026	2100270.81	1107665.49	IRON PIPE
CP-1027	2099165.72	1108119.08	IRON PIPE
CP-1028	2097809.94	1107505.41	PK NAIL

FILE NAME = N:_CODE\84229\Civil\R94-84229_03.SHT	USER NAME = rmoreil	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

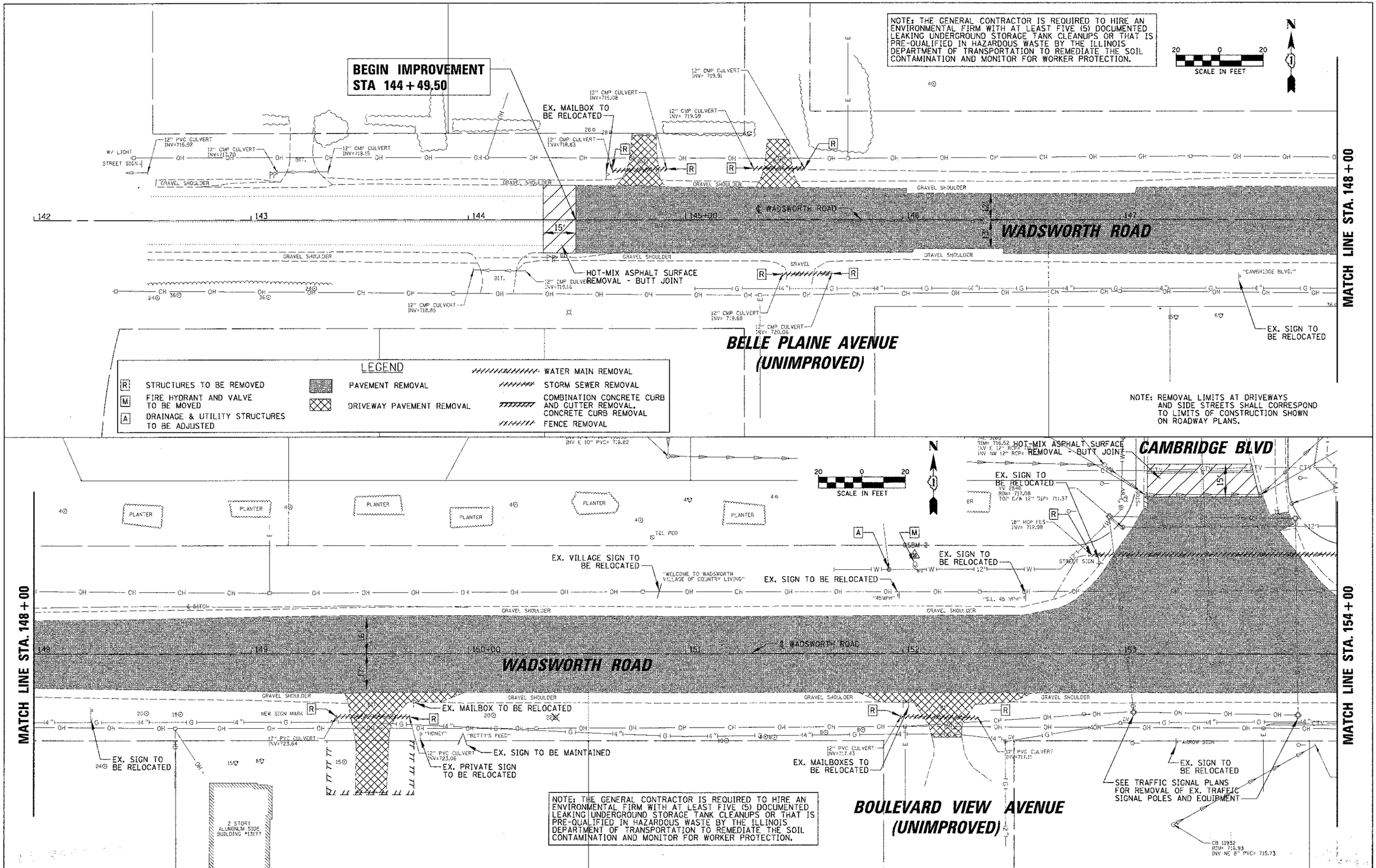
WADSWORTH ROAD AT GREEN BAY ROAD
ALIGNMENT, TIES AND BENCHMARKS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	21

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



FILE NAME =	USER NAME = nmorol	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD REMOVAL PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
N:\LCDOT\04229\Civil\20SCALE_REM_WADSWORTH_01.SHT		DRAWN -	REVISED -			1209	03-00033-12-CH	LAKE	189 / 22
	PLOT SCALE = 20'	CHECKED -	REVISED -					CONTRACT NO. 63766	
	PLOT DATE = 1/22/2013	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 144+49.50 TO STA. 154+00.00	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT		

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

MATCH LINE STA. 154+00

MATCH LINE STA. 160+00

MATCH LINE STA. 160+00

MATCH LINE STA. 166+00

SCALE IN FEET

WADSWORTH ROAD

DALE VIEW AVENUE (UNIMPROVED)

BAYONNE AVENUE

ORBERG AVENUE (UNIMPROVED)

GREEN AVENUE (UNIMPROVED)

EX. PRIVATE SIGN TO BE MAINTAINED

EX. SIGN TO BE RELOCATED

EX. MAILBOX TO BE RELOCATED

EX. PLANTER WITH VILLAGE SIGN TO BE REMOVED

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

EX. FENCE TO BE REMOVED, 61' STA. 161+81 TO STA. 162+10

EX. CONC. RETAINING WALLS TO BE REMOVED

EX. PCC SIDEWALK TO BE REMOVED

EX. CULVERT LC-886 TO BE REMOVED

EX. FENCE TO BE REMOVED, 140' STA. 164+50 TO STA. 165+90

LEGEND

- R — STRUCTURES TO BE REMOVED
- M — FIRE HYDRANT AND VALVE TO BE MOVED
- A — DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- WATER MAIN REMOVAL
- STORM SEWER REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL, CONCRETE CURB REMOVAL
- FENCE REMOVAL

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

FILE NAME = N:\LCDOT\64229\Civil\20SCALE_REM_WADSWORTH_02.SHT	USER NAME = rmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
REMOVAL PLAN

SCALE: | SHEET NO. OF SHEETS | STA. 154+00.00 TO STA. 166+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	23
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. :	ILLINOIS	FED. AID PROJECT		

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

20 0 20
SCALE IN FEET

N

MATCH LINE STA. 166+00

MATCH LINE STA. 172+00

WATER MAIN REMOVAL, 500'
STA. 166+99.5 TO STA. 172+00.0

EX. FENCE TO BE REMOVED, 100'
STA. 170+86.5 TO STA. 171+65

18" RCP FES W/ GRATE
INV= 711.10

SAN 4334
RIM= 717.49
INV N 8" PVC= 694.25
INV NE 12" PVC= 693.74
INV W 12" PVC= 693.75

VV 2392
RIM= 714.34
TOP E/W 12" PVC= 709.00

VV 2383
RIM= 715.61
TOP N/S 10" PVC= 709.93

ELEC SPLICE BOX

CONC. PAD

6" PVC CULVERT
INV= 713.66

18" PVC FES
INV= 714.65

GRAVEL SHOULDER

℄ WADSWORTH ROAD

WADSWORTH ROAD

24" CMP CULVERT
INV= 710.27

8" CMP CULVERT
INV= 710.94

8" CMP CULVERT
INV= 711.27

24" CMP CULVERT
INV= 708.06

24" CMP CULVERT
INV= 709.21

24" CMP CULVERT
INV= 708.64

24" CMP CULVERT
INV= 710.56

24" CMP CULVERT
INV= 709.21

24" CMP CULVERT
INV= 713.53

MORSE AVENUE
(UNIMPROVED)

ADELPHI AVENUE
(UNIMPROVED)

LEGEND

- R — STRUCTURES TO BE REMOVED
- M — FIRE HYDRANT AND VALVE TO BE MOVED
- A — DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- WATER MAIN REMOVAL
- STORM SEWER REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL, CONCRETE CURB REMOVAL
- FENCE REMOVAL

20 0 20
SCALE IN FEET

N

MATCH LINE STA. 172+00

MATCH LINE STA. 178+00

WATER MAIN REMOVAL, 79'
STA. 172+00.0 TO STA. 172+79.1

EX. MAILBOX TO BE RELOCATED

18" PVC FES
INV= 715.25

12" PVC CULVERT
INV= 715.53

4" PVC CULVERT
INV= 717.53

6" PVC CULVERT
INV= 718.66

CONC. HEADWALL

℄ DITCH

GRAVEL SHOULDER

℄ WADSWORTH ROAD

WADSWORTH ROAD

SHOULDER

CONC. HEADWALL

EX. PIPE UNDERDRAIN TO BE REMOVED
(INCIDENTAL TO EARTH EXCAVATION)

4" PVC CULVERT
INV= 716.68

EX. SIGN TO BE RELOCATED

"GREENBAY ROAD"

ADELPHI AVENUE
(UNIMPROVED)

RUTH AVENUE
(UNIMPROVED)

EX. SIGN TO BE RELOCATED

COUNTY ROAD SIGN

"SL. 45 MPH"

"ADOPT-A-HIGHWAY"

15" CMP FES
INV= 721.00

15" CMP FES
INV= 721.32

15" CMP FES
INV= 722.84

VV 10589
RIM= 721.89
TOP E/W 12" PVC= 715.91

EX. SIGN TO BE RELOCATED

EX. MAILBOX TO BE RELOCATED

GRAVEL SHOULDER

TRAFFIC INT.

18"x30" RCP FES W/ GRATE
INV= 720.61

CONC. CURB TO BE REMOVED (TYP.)

COMB. CONC. CURB & GUTTER TO BE REMOVED

"AUTO CENTER"

TELEPHONE

CONC. PAD

IAL 10446
RIM= 724.97
INV S 12" RCP= 722.65
BLIND CONNECT

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

FILE NAME = N:\LCDOT\04229\Civil\20SCALE_REM_WADSWORTH_03.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
REMOVAL PLAN

SCALE: | SHEET NO. OF SHEETS | STA. 166+00.00 TO STA. 178+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	24
		CONTRACT NO. **63766**		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

MATCH LINE STA. 178+00

MATCH LINE STA. 184+00

SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF EX. TRAFFIC SIGNAL POLES AND EQUIPMENT

WATER MAIN REMOVAL, 450'
STA. 180+07.0 TO STA. 184+00.0

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

SCALE IN FEET 20 0 20

N

EX. SIGN TO BE RELOCATED

EX. LIGHT POLE TO BE REMOVED

EX. SIGNS TO BE RELOCATED

EX. SIGN TO BE RELOCATED

EX. PIPE UNDERDRAIN TO BE REMOVED (INCIDENTAL TO EARTH EXCAVATION)

SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF EX. TRAFFIC SIGNAL POLES AND EQUIPMENT

GREEN BAY ROAD

WADSWORTH ROAD

℄ WADSWORTH ROAD

LEGEND

- [R] STRUCTURES TO BE REMOVED
- [M] FIRE HYDRANT AND VALVE TO BE MOVED
- [A] DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- WATER MAIN REMOVAL
- STORM SEWER REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL, CONCRETE CURB REMOVAL
- FENCE REMOVAL

MATCH LINE STA. 184+00

MATCH LINE STA. 190+00

NORTHERN AVENUE (UNIMPROVED)

WATER MAIN REMOVAL, 241'
STA. 184+00.0 TO STA. 186+40.0

EX. PRIVATE SIGN AND LIGHTS TO BE MAINTAINED

EX. SIGN TO BE RELOCATED

EX. PRIVATE SIGN TO BE REMOVED

EX. MAILBOX TO BE RELOCATED

EX. MAILBOX TO BE RELOCATED

EX. SIGNS TO BE RELOCATED

EX. CULVERT LC-887 AND CONC. HEADWALLS TO BE MAINTAINED

WADSWORTH ROAD

℄ WADSWORTH ROAD

(UNIMPROVED)

(UNIMPROVED)

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

FILE NAME = N:\LCDOT\104229\Civil\20SCALE_REM_WADSWORTH_04.SHT	USER NAME = nmarel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

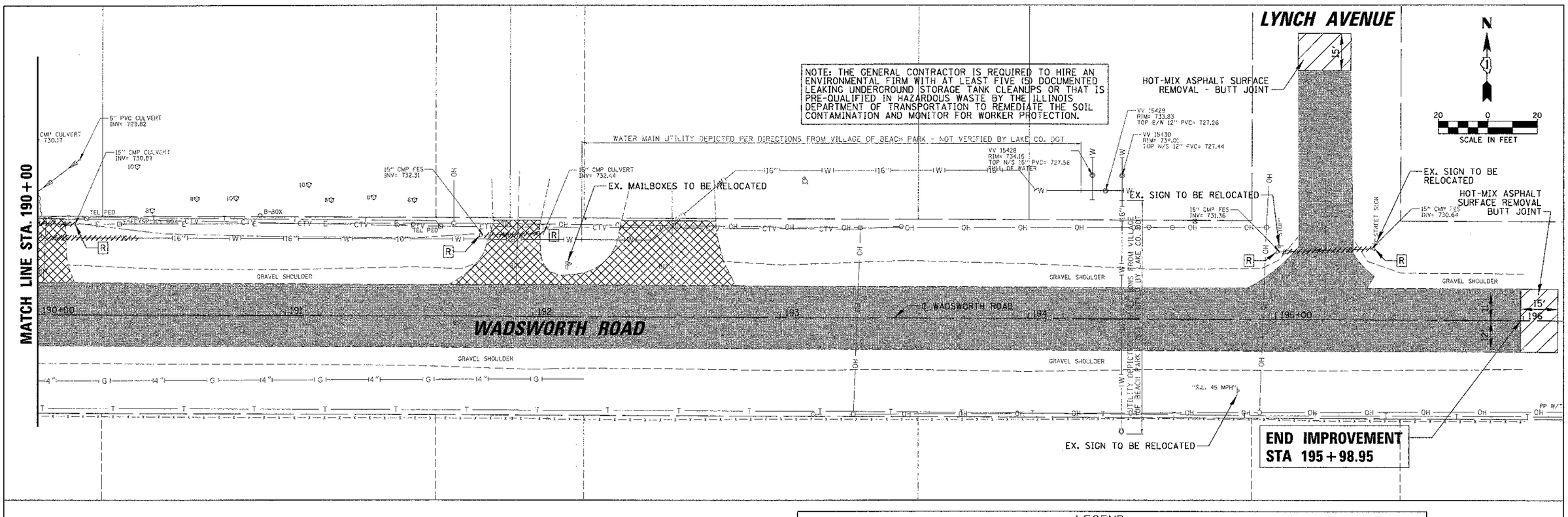
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
REMOVAL PLAN

SCALE: | SHEET NO. OF SHEETS | STA. 178+00.00 TO STA. 190+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	25
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



LEGEND

R	STRUCTURES TO BE REMOVED		PAVEMENT REMOVAL		WATER MAIN REMOVAL
M	FIRE HYDRANT AND VALVE TO BE MOVED		DRIVEWAY PAVEMENT REMOVAL		STORM SEWER REMOVAL
A	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED				COMBINATION CONCRETE CURB AND GUTTER REMOVAL, CONCRETE CURB REMOVAL
					FENCE REMOVAL

FILE NAME = N:\LCDOT\04229\Civil\20SCALE_REM_WADSWORTH_05.SHT	USER NAME = nmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD REMOVAL PLAN	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 26
	PLOT SCALE = 20'	DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT DATE = 1/22/2013	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 190+00.00 TO STA. 195+98.95	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
		DATE -	REVISED -							

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

BEGIN IMPROVEMENT
STA 199+91.10

CHANEY STREET BIT.

"STOP"

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

GRAVEL SHOULDER

198 | 199 | 200+00 | 201 | 202 | 203

15'

22'

℄ IL RTE 131

BIT.

"STOP" W/ LIGHT

4" DEAD END

12" CMP CULVERT INV= 724.67

1 STORY FRAME & VINYL SIDED BUILDING #1138738

CHAPLIN STREET

EX. SIGN TO BE RELOCATED

12" CMP CULVERT INV= 724.45

2" PVC CULVERT INV= 725.06

24"

30" DEAD END

HIGH W/4 P

2 STORY WOOD FRAME BUILDING #38758

12" CMP CULVERT INV= 724.15

12" CMP CULVERT INV= 724.11

12" CMP CULVERT INV= 723.82

15" CMP FES INV= 723.56

EX. CULVERT TO BE REMOVED

GREEN BAY ROAD

24" CMP CULVERT INV= 724.43

EX. SIGN TO BE RELOCATED

24" CMP CULVERT INV= 723.55

AVIATION DRIVE

EX. PLANTER WITH VILLAGE SIGN AND LIGHTS TO BE MAINTAINED

VV 15323 RIM= 727.96 TOP W/S= 719.52 "FULL OF WATER & SEDIMENET

ELEC MTR ON 4X4 POST

W/ TRANSFORMER

AVIATION DRIVE

15" CMP CULVERT INV= 723.56

EDGE OF FLAGGED WETLAND AS LOCATED BY CRSE, SURVEY ON 05/16/05 THRU 05/18/05 APPROX. OR 0.105 AC.

NOTE: ALL WETLANDS HAVE BEEN MITIGATED WITHIN PROPOSED R.O.W. LIMITS BOUNDARIES SHOWN FOR INFORMATION.

NOTE: REMOVAL LIMITS AT DRIVEWAYS AND SIDE STREETS SHALL CORRESPOND TO LIMITS OF CONSTRUCTION SHOWN ON ROADWAY PLANS.

SCALE IN FEET

MATCH LINE STA. 204+00

MATCH LINE STA. 210+00

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

WOOD FRAME BUILDING #38792

12" CMP CULVERT INV= 719.68

GRAVEL

BIT.

15" CMP CULVERT INV= 723.33

15" CMP CULVERT INV= 723.39

EX. MAILBOX TO BE RELOCATED

GRAVEL SHOULDER

204 | 205+00 | 206 | ℄ IL RTE 131 | 207 | 208 | 209

GREEN BAY ROAD

EX. LIGHT POLE TO BE REMOVED

"AUTO CENTER"

4" PVC CULVERT INV= 726.59

EX. FENCE TO BE REMOVED, 253' STA. 207+47 TO STA. 210+00

GRAVEL SHOULDER

GRAVEL

EX. MAILBOX TO BE RELOCATED

℄ DITCH

EX. FENCE TO BE REMOVED, 90' STA. 207+26 TO STA. 208+02

GATE POST

12" CMP CULVERT INV= 726.06

15" CMP CULVERT INV= 724.38

15" CMP CULVERT INV= 724.52

15" CMP CULVERT INV= 728.31

PICKFORD STREET (UNIMPROVED)

(UNIMPROVED)

SCALE IN FEET

LEGEND

- [R] STRUCTURES TO BE REMOVED
- [M] FIRE HYDRANT AND VALVE TO BE MOVED
- [A] DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- WATER MAIN REMOVAL
- STORM SEWER REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL, CONCRETE CURB REMOVAL
- FENCE REMOVAL

FILE NAME = N:\LCDOT\04229\Civil\20SCALE_REM_RTE131.DLSHT	USER NAME = jmoore1	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
REMOVAL PLAN

SCALE: | SHEET NO. OF SHEETS | STA. 199+91.10 TO STA. 210+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	27
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

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

MATCH LINE STA. 210+00

MATCH LINE STA. 216+00

MATCH LINE STA. 216+00

MATCH LINE STA. 222+00

WADSWORTH ROAD

GREEN BAY ROAD

PRINCETON AVENUE (UNIMPROVED)

℄ IL RTE 131

EX. LIGHT POLE TO BE REMOVED

EX. FENCE TO BE REMOVED, 51' STA. 210+00 TO STA. 210+51

EX. FENCE TO BE REMOVED, 129' STA. 211+27 TO STA. 212+49

COMB. CONC. CURB & GUTTER TO BE REMOVED

CONC. CURB TO BE REMOVED

EX. SIGN TO BE RELOCATED

SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF EX. TRAFFIC SIGNAL POLES AND EQUIPMENT

EX. MAILBOX TO BE RELOCATED

EX. MAILBOXES TO BE RELOCATED

EX. FLAGPOLE TO BE REMOVED

EX. STORM SEWER TO BE REMOVED (TYP.)

EX. FENCE TO BE REMOVED, 71' STA. 218+02 TO STA. 218+73

EXISTING PLANTER WITH PRIVATE SIGN AND LIGHTS TO BE REMOVED

EX. MAILBOX TO BE RELOCATED

COMB. CONC. CURB & GUTTER TO BE REMOVED

EX. SIGN TO BE RELOCATED

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

SCALE IN FEET

LEGEND

- R — STRUCTURES TO BE REMOVED
- M — FIRE HYDRANT AND VALVE TO BE MOVED
- A — DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- WATER MAIN REMOVAL
- STORM SEWER REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL, CONCRETE CURB REMOVAL
- FENCE REMOVAL

FILE NAME = N:\LCDOT\82229\Civil\20SCALE_REM_RTE131_02.SHT	USER NAME = rmoreil	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

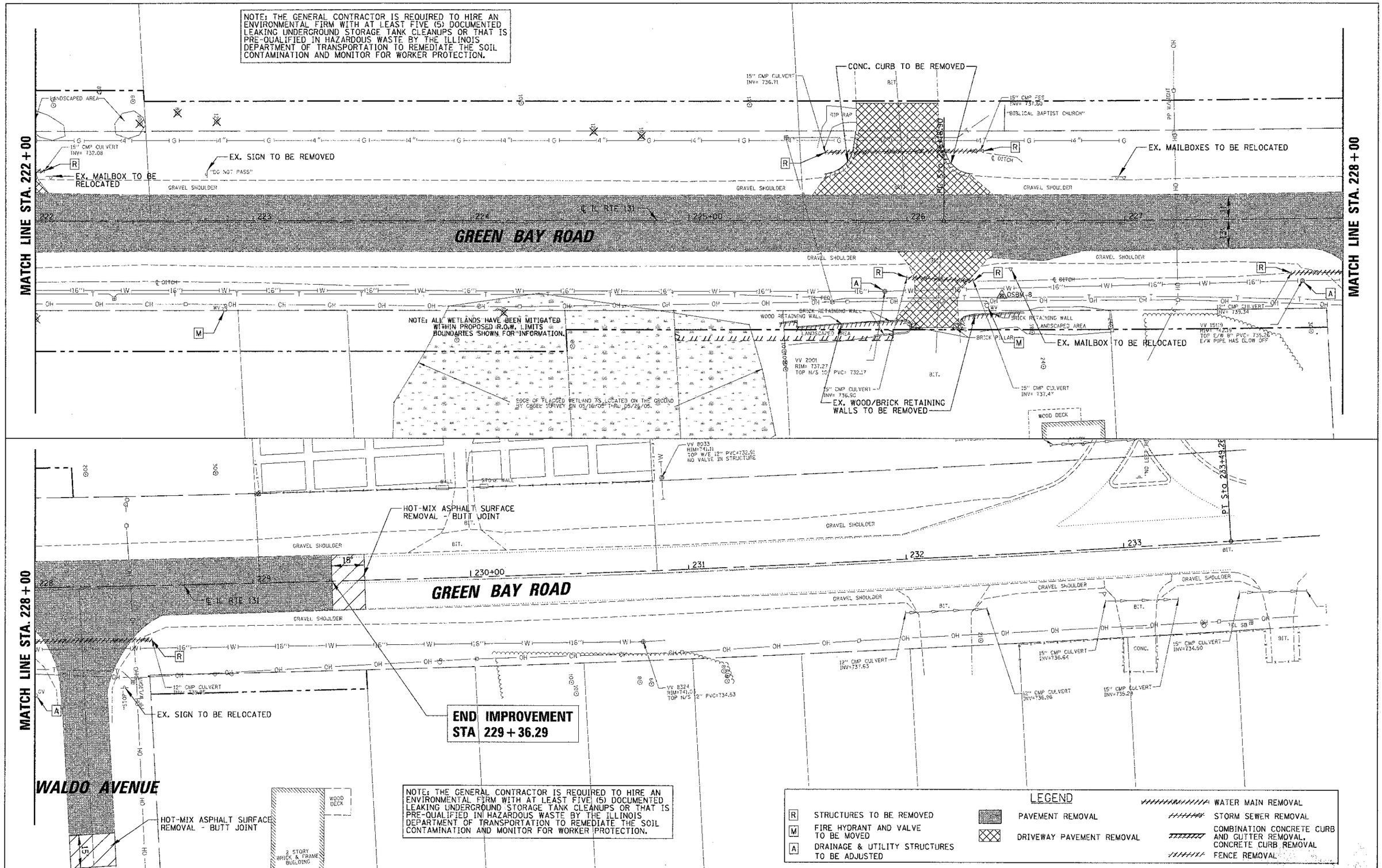
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
REMOVAL PLAN

SCALE: | SHEET NO. OF SHEETS | STA. 210+00.00 TO STA. 222+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	28
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



FILE NAME = N:\LCDOT\Z4229\Civil\20SCALE_REM_RTE131_03.SHT	USER NAME = nmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 131 (GREEN BAY ROAD) REMOVAL PLAN	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189 / SHEET NO. 29
	PLOT SCALE = 20'	DRAWN -	REVISED -					CONTRACT NO. 63766	
	PLOT DATE = 1/22/2013	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 222+00.00 TO STA. 229+36.29	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	
		DATE -	REVISED -						

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

N

20 0 20
SCALE IN FEET

BEGIN IMPROVEMENT
STA 144+49.50

WADSWORTH RD.

BELLE PLAINE AVENUE
(UNIMPROVED)

EX. R.O.W.

+80.8 PE HMA
12'
6' 12' R
12' R
+47.81
40'
50'
16'
MATCH EXIST. 16'
15.2'
+34.50
+09.00
6'
142 143 144 145+00 146 147
℄ WADSWORTH ROAD
50:1 TAPER
+99.32
21'
MATCH LINE STA. 148+00
HOT-MIX ASPHALT SURFACE COURSE - BUTT JOINT
MAILBOX TURNOUT
AGGREGATE SHOULDERS, 6"
CLASS SI CONCRETE (OUTLET)
+50.00
723.74
6' @4%
FULL DEPTH HMA PAVEMENT
COMBINATION CONCRETE CURB AND GUTTER, TY. B-6.24

LEGEND
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING PERMANENT EASEMENT
- TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- WETLAND

730 725 720 715 710 705

STA. 144+49.50
BEGIN RECONSTRUCTION
ELEV. = 721.99
+1.25%
EXIST. PROFILE ALONG ℄
PROP. PROFILE GRADE LINE
PVC STA. 146+18
ELEV. 724.10
472.00' V.C.
K = 151
e = -1.84

721.34
722.00 722.00
722.64 722.62
723.24 723.25
723.74 723.87
724.45 724.46
725.09 724.90
725.56 725.17
725.72 725.28

144+00 144+50 145+00 145+50 146+00 146+50 147+00 147+50 148+00

PLAN — SURVEYED — PLOTTED — FIELD BOOK — NOTE BOOK — NO. — DATE — BY — CADD FILE NAME — CHECKED — AT C.P. WAY

PROFILE — SURVEYED — PLOTTED — FIELD BOOK — NOTE BOOK — NO. — DATE — BY — CHECKED — STRUCTURE NOTATING CHKD

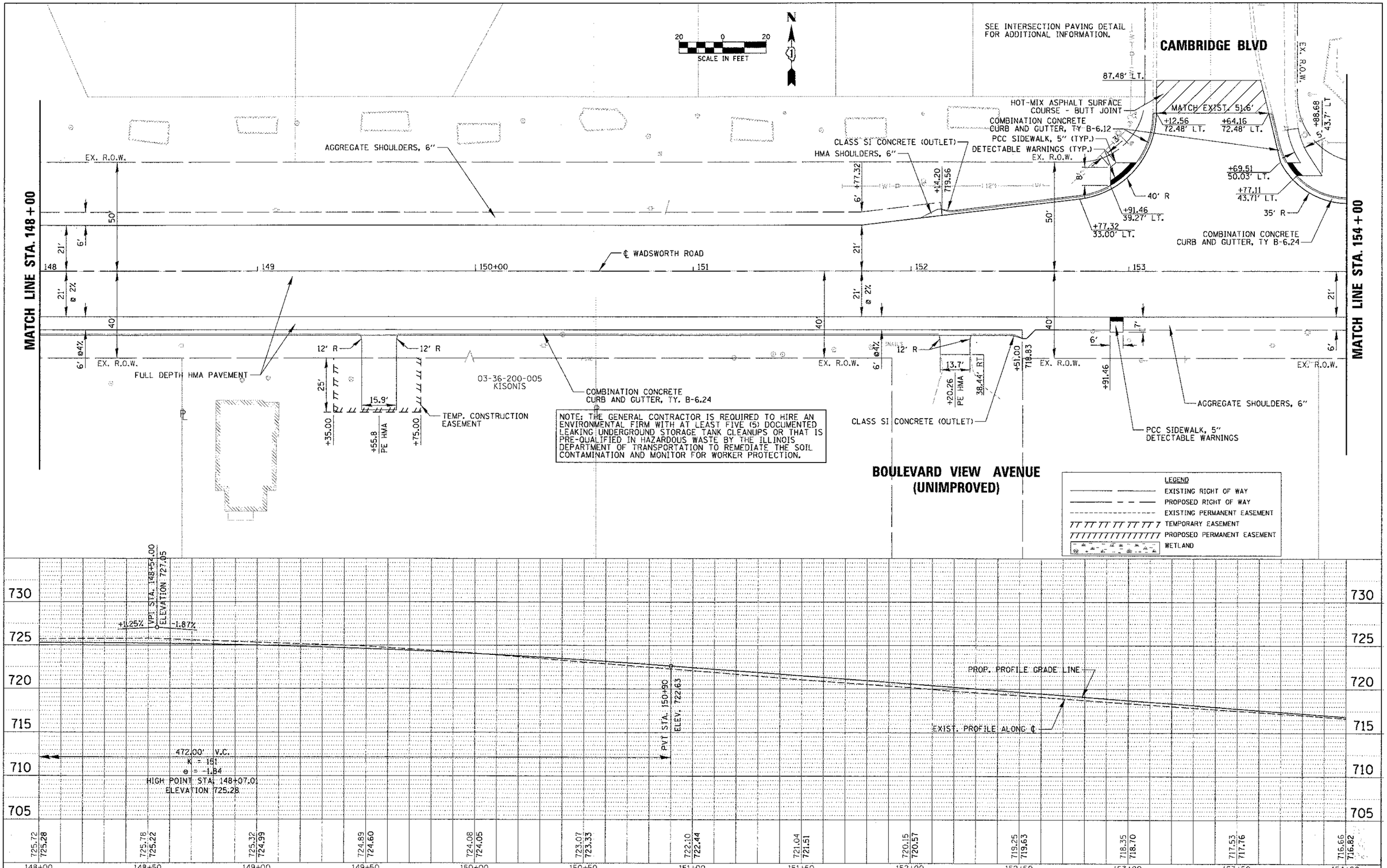
FILE NAME = N:\CDOT\84289\Civil\RPP_WADSWORTH_01.SHT	USER NAME = rmarol	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
ROADWAY PLAN AND PROFILE
STA. 144+49.50 TO STA. 148+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	30
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD — NOTE BOOK NO. — BY — DATE

FILE NAME = N:\LCDOT\04229\Civil\RPP_WADSWORTH_02.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
ROADWAY PLAN AND PROFILE
STA. 148+00.00 TO STA. 154+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	31

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

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

SCALE IN FEET 20 0 20

N

COMBINATION CONCRETE CURB AND GUTTER, TY B-6.24

CLASS SI CONCRETE (OUTLET)

HMA SHOULDERS, 6"

AGGREGATE SHOULDERS, 6"

MATCH LINE STA. 154 + 00

MATCH LINE STA. 160 + 00

EX. R.O.W.

℄ WADSWORTH ROAD

POT STA. 158+85.36

12' R

MAILBOX TURNOUTS

MAILBOX TURNOUT

03-36-208-003
TORRES/GARCIA

PROP. R.O.W.

35' R

+45.4 PE HMA 45.66' RT

+96.3 PE HMA

+19.41

+37.1 PE HMA

+45.85

+52.40

+80.78 53.80' RT.

+04.91 56.51' RT.

+39.91

+83.19 92.02' RT.

+05.42 91.12' RT.

22.24' MATCH EXIST.

HOT-MIX ASPHALT SURFACE COURSE - BUTT JOINT

DALE VIEW AVENUE (UNIMPROVED)

BAYONNE AVENUE

LEGEND
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING PERMANENT EASEMENT
- TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- WETLAND

360.00' V.C.
K = 262
e = 0.62

PVC STA. 154+60
ELEV. 715.70

VPI STA. 156+40.00
ELEVATION 712.33

-1.87%

-0.50%

PVT STA. 158+20
ELEV. 711.43

PVC STA. 158+30
ELEV. 711.38

140.00' V.C.
K = 140
e = 0.175
LOW POINT STA. 159+00.00
ELEVATION 711.21

VPI STA. 159+00.00
ELEVATION 711.03

+0.50%

PVT STA. 159+70
ELEV. 711.38

140.00' V.C.
K = 140
e = 0.175

720 715 710 705 700 695

716.66 716.82 | 715.85 715.89 | 715.05 714.98 | 714.18 714.17 | 713.53 713.45 | 712.85 712.83 | 712.25 712.30 | 711.78 711.87 | 711.26 711.54 | 710.92 711.29 | 710.62 711.21 | 710.45 711.29 | 710.25 711.50

154+00 154+50 155+00 155+50 156+00 156+50 157+00 157+50 158+00 158+50 159+00 159+50 160+00

FILE NAME = N:\LCDOT\104229\Civil\PP_WADSWORTH_03.SHT	USER NAME = mmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

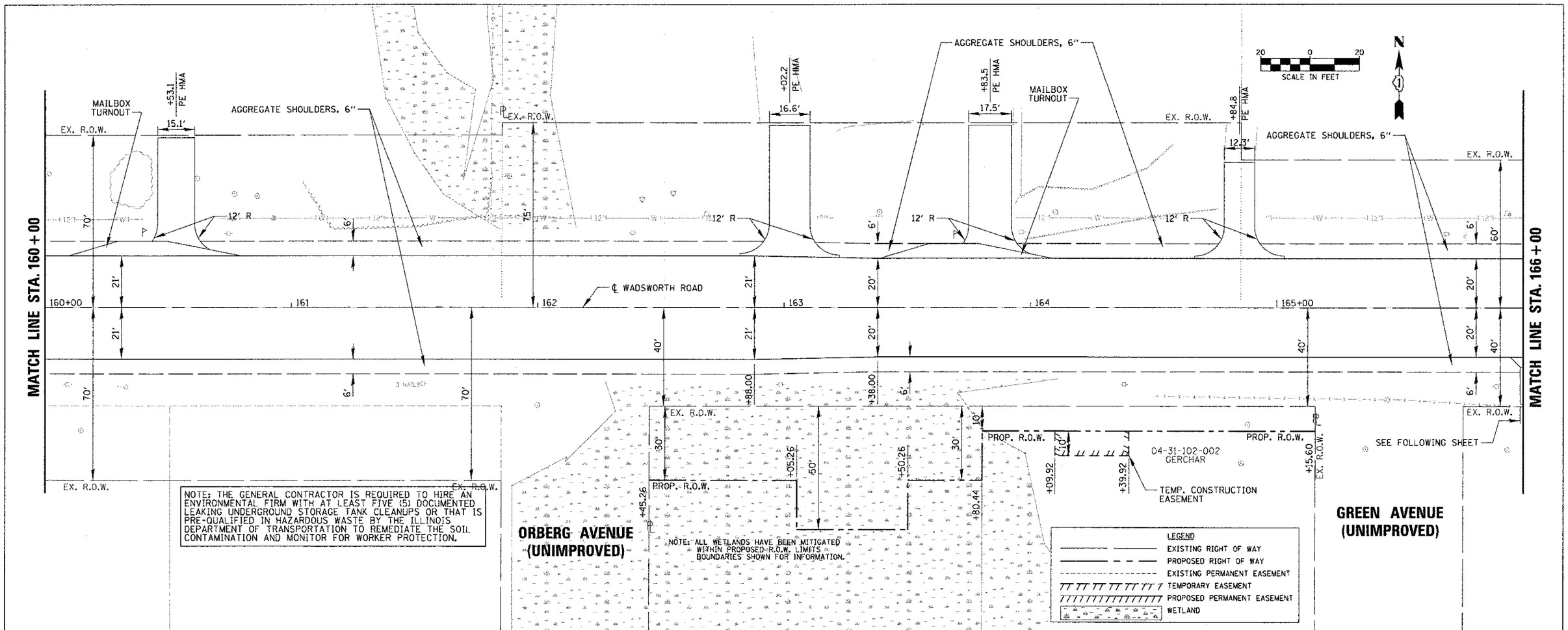
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

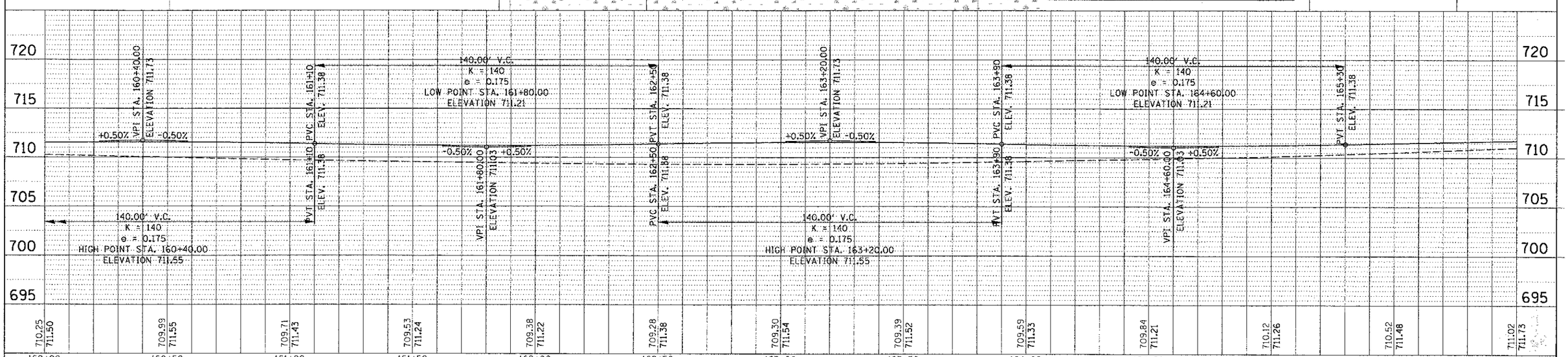
WADSWORTH ROAD
ROADWAY PLAN AND PROFILE
STA. 154 + 00.00 TO STA. 160 + 00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	32
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT





FILE NAME = N:\LCDOT\04229\Civil\RPP_WADSWORTH_04.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

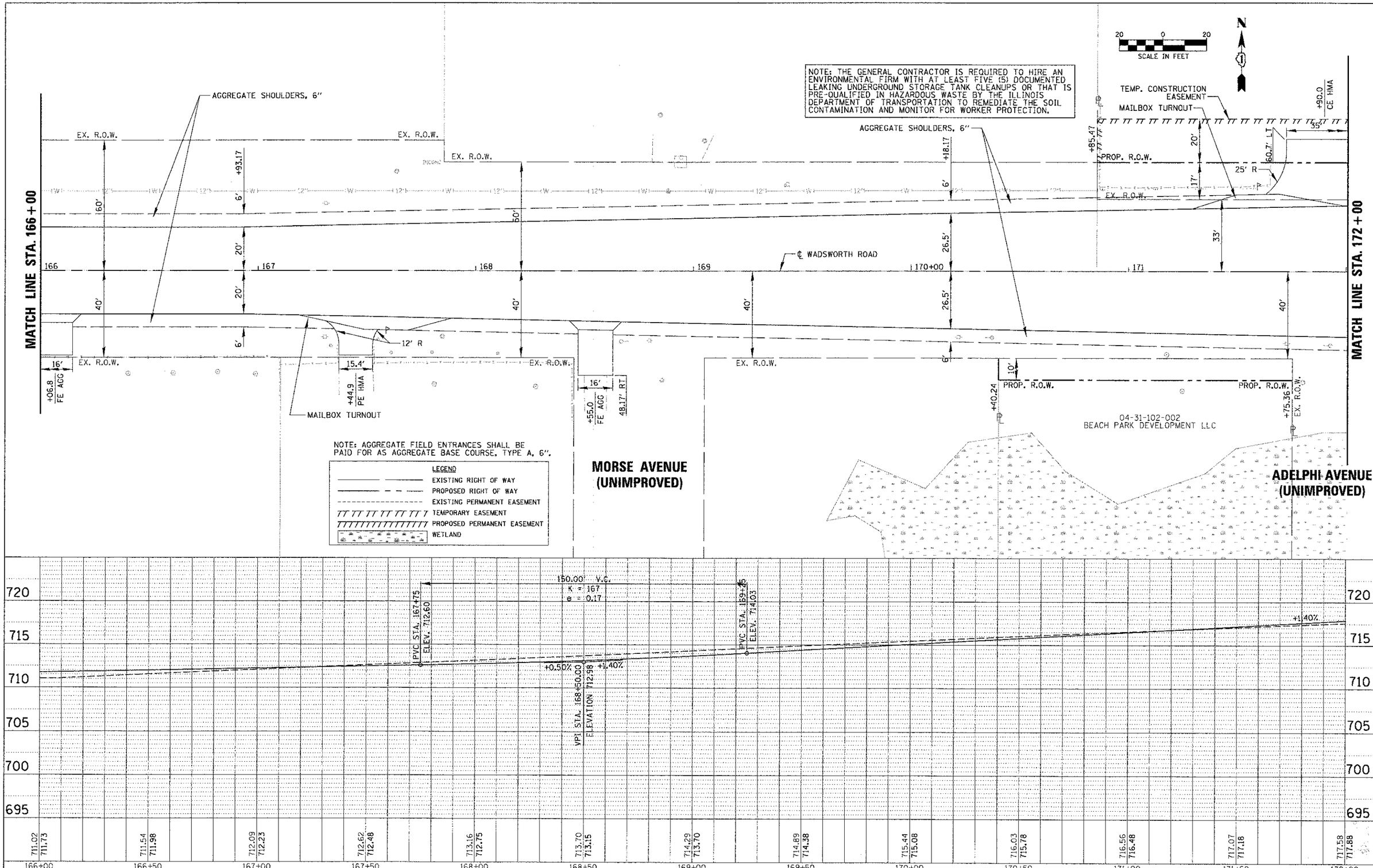
WADSWORTH ROAD
ROADWAY PLAN AND PROFILE
STA. 160+00.00 TO STA. 166+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	33

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



FILE NAME = N:\L.COCT\04229\Civil\RPP_WADSWORTH_05.SHT	USER NAME = nmoral	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

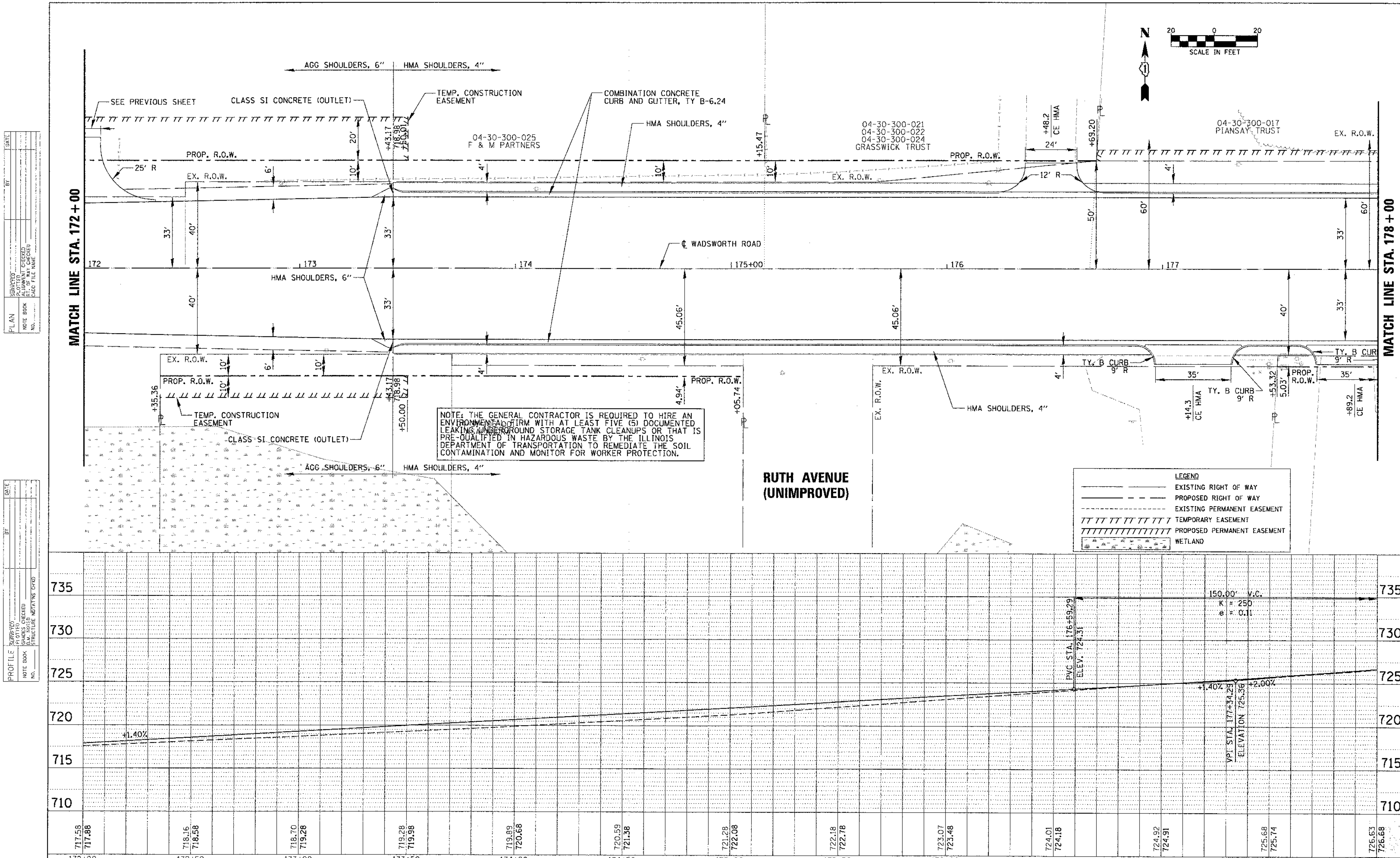
WADSWORTH ROAD
ROADWAY PLAN AND PROFILE
STA. 166+00.00 TO STA. 172+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	34

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



FILE NAME = N:\LCDOT\04229\Civil\RPP_WADSWORTH_06.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

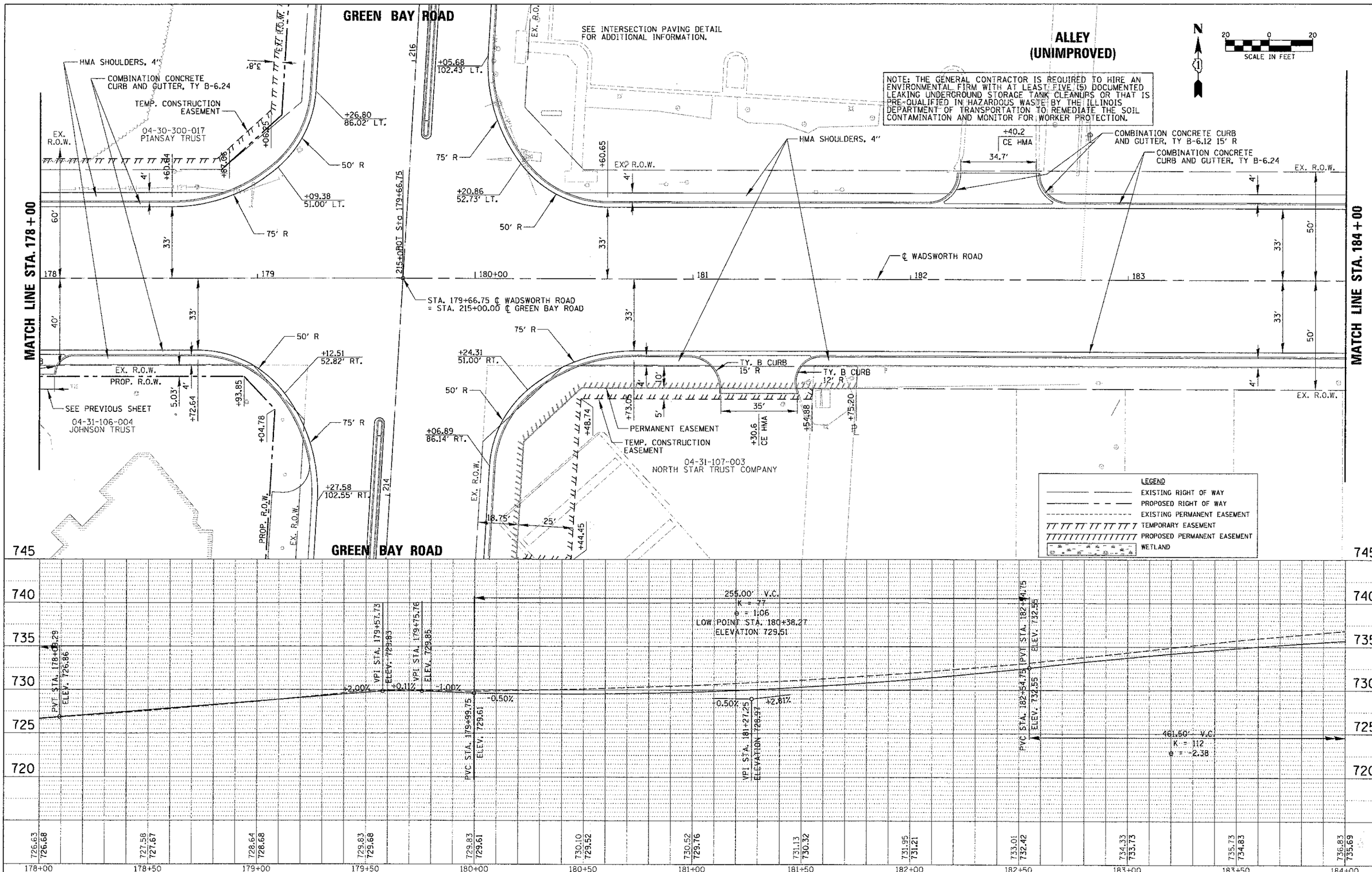
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
ROADWAY PLAN AND PROFILE
STA. 172+00.00 TO STA. 178+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	35
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



FILE NAME = N:\LCDOT\04229\Civil\RPP_WADSWORTH_07.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
ROADWAY PLAN AND PROFILE
STA. 178+00.00 TO STA. 184+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	36

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

NORTHERN AVENUE
(UNIMPROVED)

HMA SHOULDERS, 4" | AGG SHOULDERS, 6"

COMBINATION CONCRETE CURB AND GUTTER, TY B-6.24

04-30-425-001
GRASSWICK TRUST

CLASS SI CONCRETE (OUTLET)

TEMP. CONSTRUCTION EASEMENT

AGGREGATE SHOULDERS, 6"

04-30-425-002
MASSIMO

(UNIMPROVED)

SCALE IN FEET 20 0 20

N

MATCH LINE STA. 184+00

MATCH LINE STA. 190+00

EX. R.O.W.

PROP. R.O.W.

50.0' LT

+45.0 CE HMA 35'

+64.41

+90.81 736.05

+82.0 CE HMA 24'

+96.21

+28.1 PE HMA 12'

+31.02

47.22' LT

+74.4 PE HMA 13.3'

+40.85

20' R

25' R

12' R

POT Sta 185+31.52

HMA SHOULDERS, 6"

℄ WADSWORTH ROAD

12:1 TAPER

WADSWORTH RD.

184 185+00 186 187 188 189

50' 33' 4' 10' 6' 14' 9'

+64.70 +65.7 PE HMA 12'

+96.50

04-31-201-001
FRALEY

CLASS SI CONCRETE (OUTLET)

HMA SHOULDERS, 4" | AGG SHOULDERS, 6"

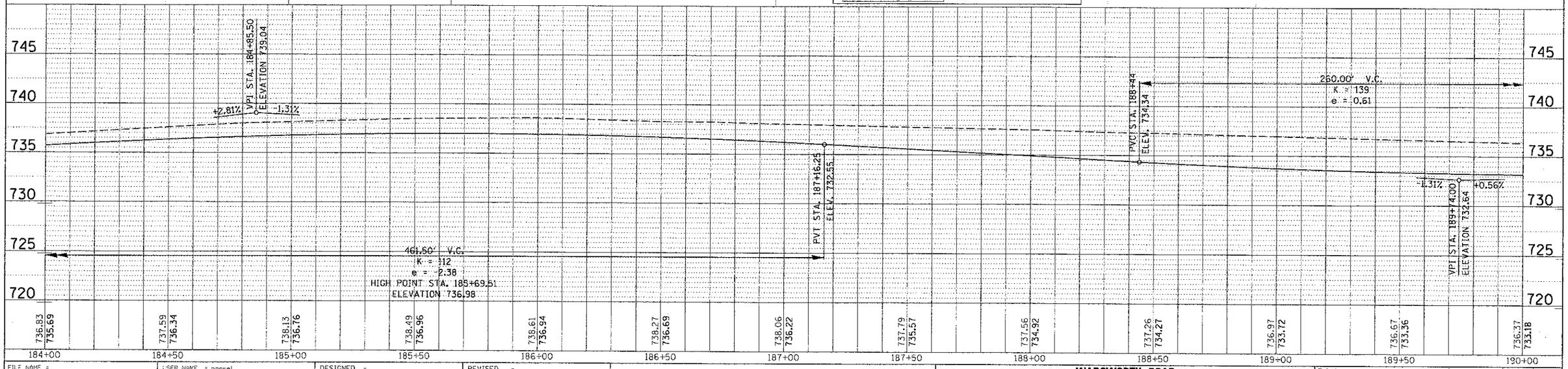
(UNIMPROVED)

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

LEGEND
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING PERMANENT EASEMENT
- TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- WETLAND

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
P.I. OF MATCHED
ADD. P.I. MADE
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
P.I. OF VERT. CURVE
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE



FILE NAME = N:\...\RPP_WADSWORTH_08.SHT	USER NAME = mmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
ROADWAY PLAN AND PROFILE
STA. 184+00.00 TO STA. 190+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	37
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

20 0 20
SCALE IN FEET

N

MATCH LINE STA. 190+00

AGGREGATE SHOULDERS, 6"

MAILBOX TURNOUT

+93.5 PE HMA
19.3'

+53.5 CE HMA
35'

EX. R.O.W.

12' R

40'

14'

9'

50:1 TAPER

190+00 | 191 | 192 | 193 | 194 | 195+00

℄ WADSWORTH ROAD

WADSWORTH RD.

20' 20'

6'

+57.78

50' R

EX. R.O.W.

LYNCH AVENUE

115.7' LT.

HOT-MIX ASPHALT SURFACE COURSE - BUTT JOINT

4' 21.3' 4'

+08.60
100.7' LT.

+29.90
100.7' LT.

10'

AGGREGATE SHOULDERS, 6"

HMA SHOULDERS 6"

+31.78
64.00' LT.

+07.78
64.00' LT.

HOT-MIX ASPHALT SURFACE COURSE BUTT JOINT

+81.78

+13.95

12.8'

MATCH EXIST.

END IMPROVEMENT
STA 195+98.95

LEGEND
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING PERMANENT EASEMENT
- TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- WETLAND

745 740 735 730 725 720

260.00' V.C.
K = 139
e = 0.61
LOW POINT STA. 190+25.78
ELEVATION 733.15

PVI STA. 191+04
ELEV. 733.37

+0.57%

PVC STA. 192+28.50
ELEV. 734.07

190.00' V.C.
K = 155
e = 0.29
HIGH POINT STA. 193+15.97
ELEVATION 734.32

+0.56%

PVI STA. 193+23.50
ELEVATION 734.61

-0.66%

PVT STA. 194+18.50
ELEV. 733.98

STA. 195+98.95
END IMPROVEMENT

736.37 733.18 | 736.20 733.17 | 735.98 733.35 | 735.71 733.63 | 735.53 733.91 | 735.27 734.18 | 735.02 734.31 | 734.76 734.28 | 734.41 734.09 | 734.06 733.77 | 733.64 733.44 | 733.22 733.11 | 732.78

190+00 | 190+50 | 191+00 | 191+50 | 192+00 | 192+50 | 193+00 | 193+50 | 194+00 | 194+50 | 195+00 | 195+50 | 196+00

PLAN: SURVEYED — DATE; BY; NOTE BOOK; NO.; ELEVATIONS ARE BASED ON ... DATUM; PLANS DATED ... ARE APPROVED; ALL OTHER ... CONFORM TO ... STRUCTURE NOTATION

PROFILE: SURVEYED — DATE; BY; NOTE BOOK; NO.; ELEVATIONS ARE BASED ON ... DATUM; PLANS DATED ... ARE APPROVED; ALL OTHER ... CONFORM TO ... STRUCTURE NOTATION

FILE NAME = N:\LCOGT\184229\Civil\RPP_WADSWORTH_06.SIT	USER NAME = mmoral	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

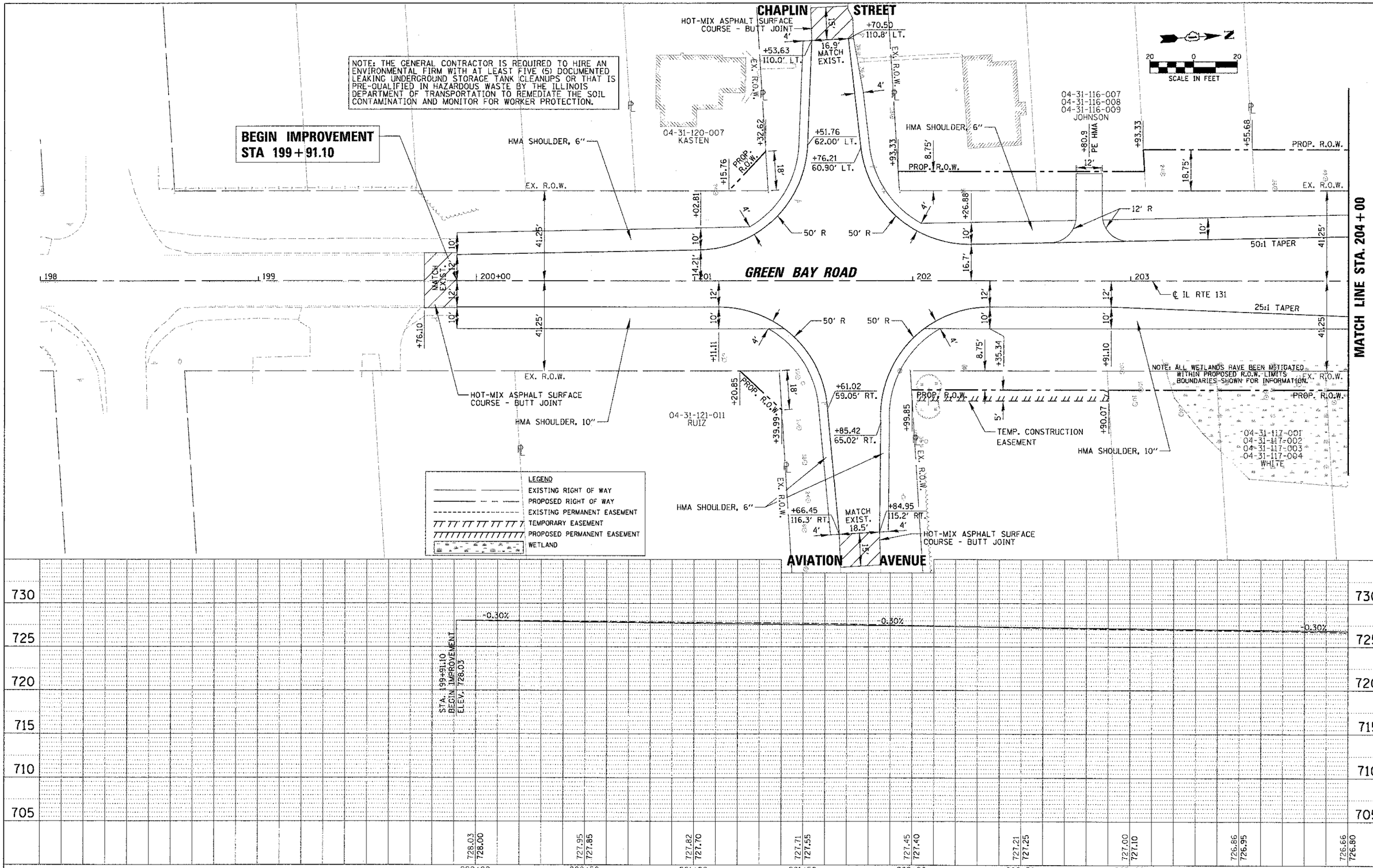
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
ROADWAY PLAN AND PROFILE
STA. 191+00.00 TO STA. 195+98.95

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	38
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



FILE NAME = N:\LCDOT\04229\Civil\RPP_RTE131_01.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
ROADWAY PLAN AND PROFILE
STA. 199+91.10 TO STA. 204+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	39

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

PLAN: NOTE BOOK NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | R.O.W. CHECKED | CADD FILE NAME | BY | DATE

PROFILE: NOTE BOOK NO. | SURVEYED | PLOTTED | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CHKD | BY | DATE

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

MATCH LINE STA. 204+00

MATCH LINE STA. 210+00

04-31-116-013
BANK OF WAUKEGAN TRUST

04-31-108-002
04-31-114-004
JOHNSON

04-31-115-002
04-31-115-003
04-31-115-004
OTTERBACHER

04-31-115-001
IFTIMIE

TEMP. CONSTRUCTION EASEMENT

PROP. R.O.W.

EX. R.O.W.

HMA SHOULDER, 6"

HMA SHOULDER, 10"

GUTTER OUTLET, TYPE A

GUTTER OUTLET, TYPE A

45:1 TAPER

℄ IL RTE 131

(UNIMPROVED)

PICKFORD STREET
(UNIMPROVED)

SCALE IN FEET

LEGEND
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING PERMANENT EASEMENT
- TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- WETLAND

250.00' V.C.
K = 152.30
e = 0.51'
LOW POINT STA. 205+45.09
ELEVATION 726.44

VPC STA. 204+99.40
ELEVATION 726.51

VPI STA. 206+24.40
ELEVATION 726.13

VPI STA. 207+49.40
ELEVATION 727.81

300.00' V.C.
K = 148.04
e = 0.76

-0.30%
-0.30%
+1.34%
+1.34%

726.66 726.80 | 726.48 726.65 | 726.35 726.50 | 726.30 726.44 | 726.44 726.54 | 726.65 726.80 | 727.09 727.22 | 727.57 727.81 | 728.37 728.49 | 729.11 729.17 | 729.88 729.83 | 730.57 730.50 | 731.07 731.09

204+00 204+50 205+00 205+50 206+00 206+50 207+00 207+50 208+00 208+50 209+00 209+50 210+00

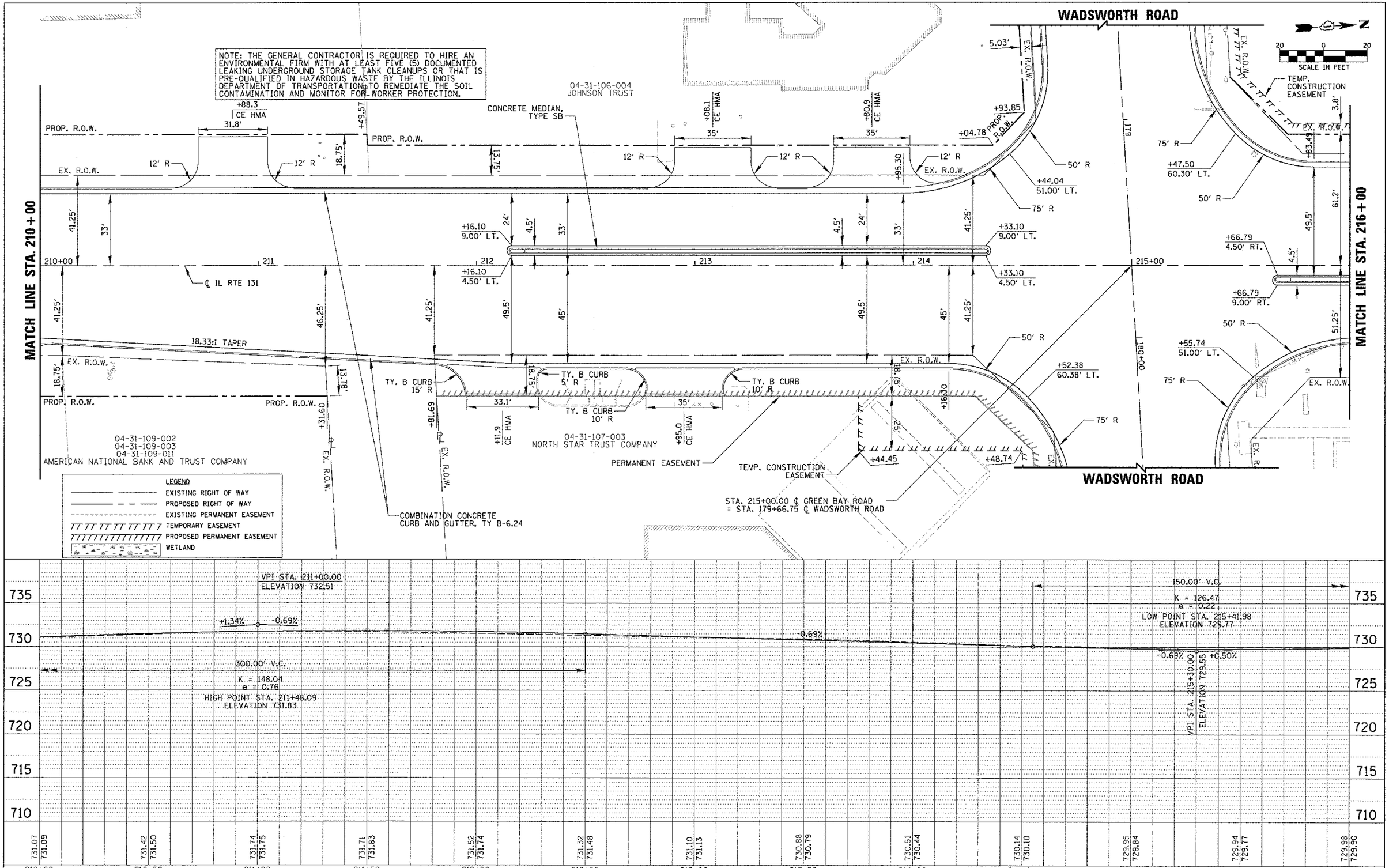
FILE NAME = N:\ILDOT\84229\Civil\RPP_RTE131_02.SHT	USER NAME = nmarel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

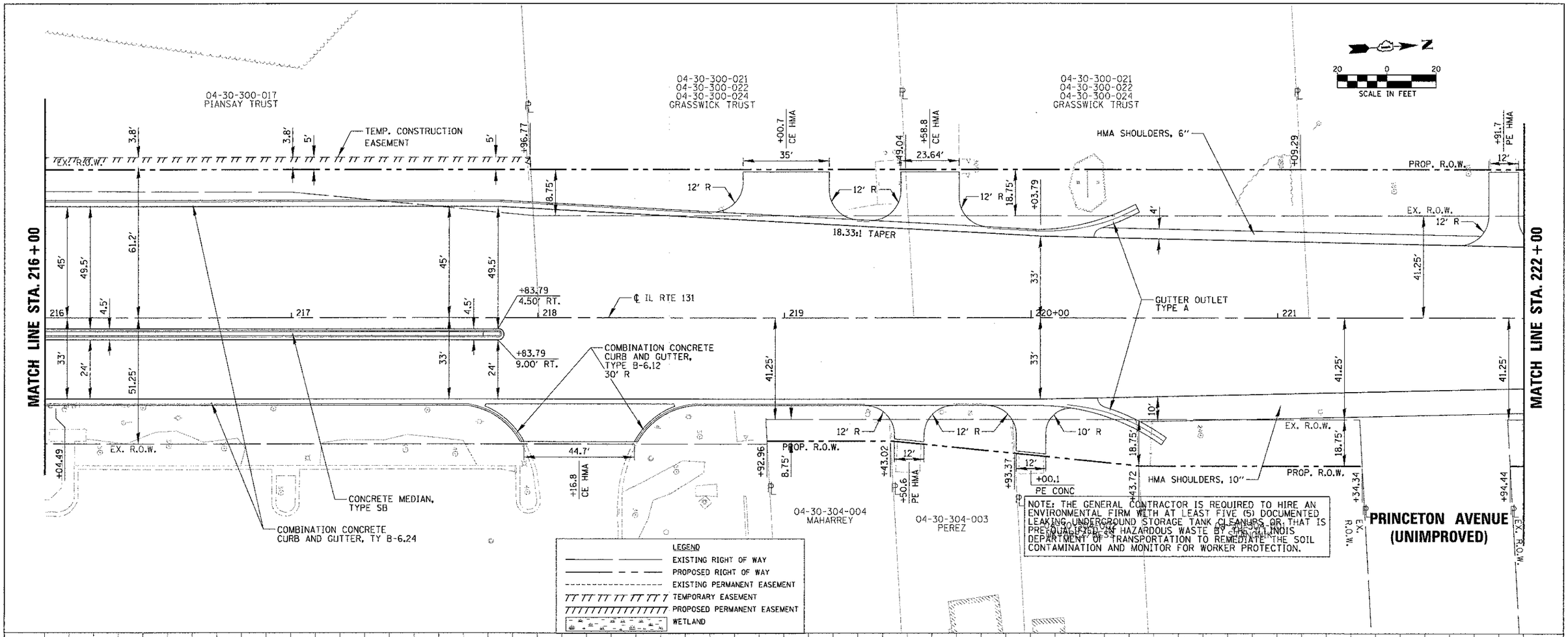
IL RTE 131 (GREEN BAY ROAD)
ROADWAY PLAN AND PROFILE
STA. 204+00.00 TO STA. 210+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	40
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



FILE NAME = N:\LCDOT\04229\Civil\RPP_RTE131_03.SHT	USER NAME = nmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 131 (GREEN BAY ROAD) ROADWAY PLAN AND PROFILE STA. 210+00.00 TO STA. 216+00.00	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 41
		DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT SCALE = 20'	CHECKED -	REVISED -							
	PLOT DATE = 1/22/2013	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



FILE NAME = N:\LCDOT\04229\Civil\RPP_RTE131_04.SHT	USER NAME = nmoral	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 131 (GREEN BAY ROAD) ROADWAY PLAN AND PROFILE STA. 216+00.00 TO STA. 222+00.00	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 42
	PLOT SCALE = 20'	DRAWN -	REVISED -						CONTRACT NO. 63766	
	PLOT DATE = 1/22/2013	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
		DATE -	REVISED -							

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

PROP. CURVE CL131-1
PI STA. = 229+83.20
Δ = 3° 39' 42" (LT)
D = 0° 30' 00"
R = 11,460.00'
T = 366.31'
L = 732.36'
E = 5.85'
e = NC
P.C. STA. = 226+16.90
P.T. STA. = 233+49.26

N
20 0 20
SCALE IN FEET

MATCH LINE STA. 222+00

MATCH LINE STA. 228+00

GREEN BAY RD.

04-30-300-013
04-30-300-016
HJORTNESS

04-30-300-008
BIBLICAL BAPTIST CHURCH

TEMPORARY FENCE TO BE MAINTAINED THROUGHOUT CONSTRUCTION

HMA SHOULDERS, 6"

25:1 TAPER

℄ IL RTE 131

CURVE CL131-1

11,601.1' R

11,448.0' R

11,467.5' R

50' R

24' R

10' R

HMA SHOULDERS, 10"

TEMP. CONSTRUCTION EASEMENT

04-30-303-009
WALKER

04-30-303-008
BURGETT

04-30-303-007
WAUKEGAN PORT DISTRICT

04-30-303-006
ARIZMENDI

04-30-303-005
OLSON

04-30-303-004
04-30-303-012
ARIZMENDI

04-30-303-001
ZUNIGA

HOT-MIX ASPHALT SURFACE COURSE - BUTT JOIN

LEGEND
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
EXISTING PERMANENT EASEMENT
TEMPORARY EASEMENT
PROPOSED PERMANENT EASEMENT
WETLAND

+1.55%

VPC STA. 226+51.90
ELEVATION 741.20

370' V.C.
K = 166.67
e = 1.027

750 745 740 735 730 725

734.42 734.22 735.09 735.00 735.85 735.77 736.61 736.54 737.35 737.32 738.04 738.09 738.87 738.86 739.55 739.64 740.33 740.41 741.21 741.18 741.92 741.88 742.50 742.44 742.89 742.84

222+00 222+50 223+00 223+50 224+00 224+50 225+00 225+50 226+00 226+50 227+00 227+50 228+00

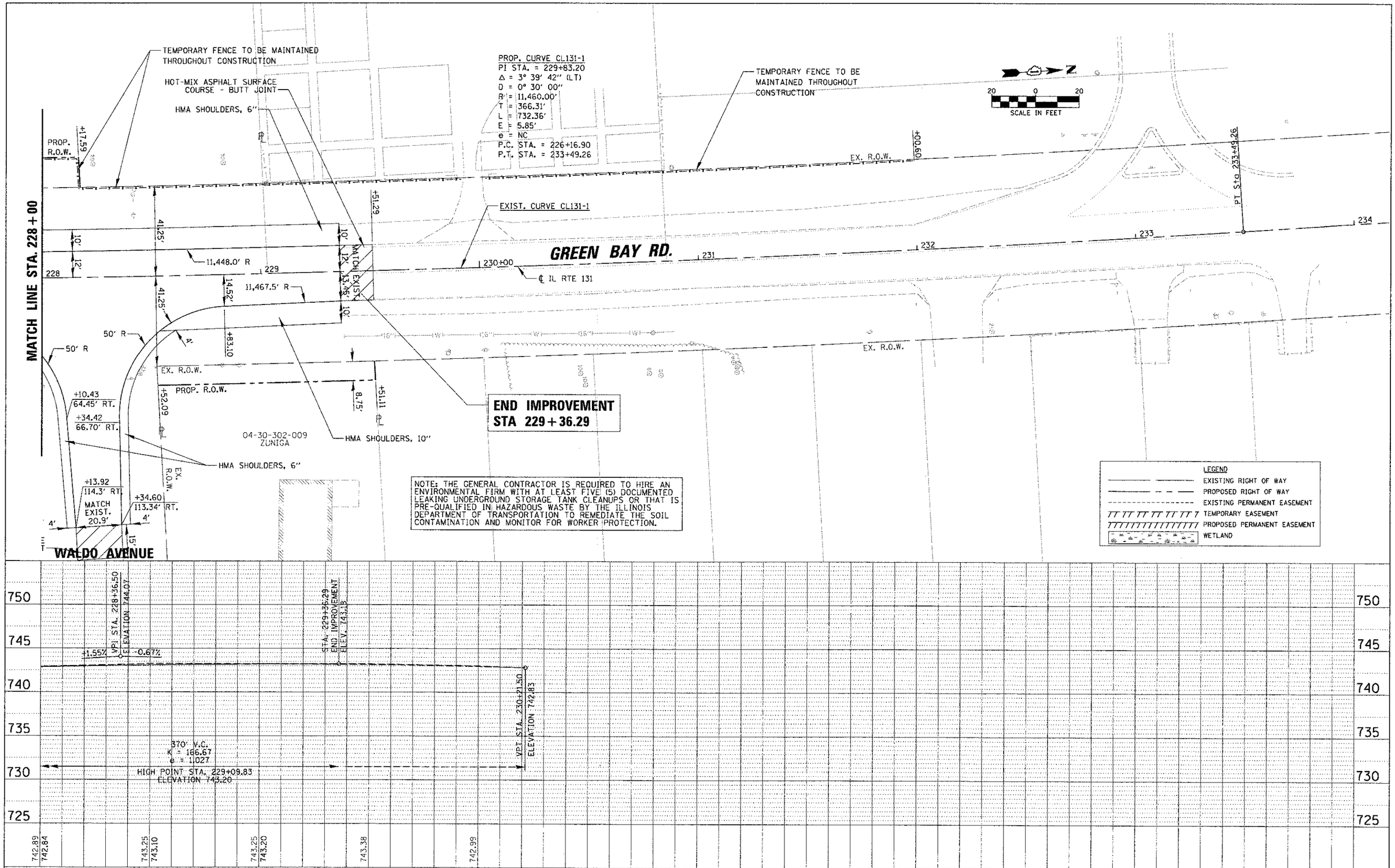
FILE NAME = N:_CDOT\24229\C_v1\RPP_RTE131_05.SHT	USER NAME = rwarel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
ROADWAY PLAN AND PROFILE
STA. 222+00.00 TO STA. 228+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	43
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



FILE NAME = N:\LCDOT\04229\Civil\RPP_RTE131_06.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
ROADWAY PLAN AND PROFILE
STA. 228+00.00 TO STA. 229+36.29

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	44

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

GENERAL

1. CONTRACTOR WILL COORDINATE THE INSTALLATION OF ALL PERMANENT TRAFFIC SIGNAL EQUIPMENT AND APPURTENANCES PER STAGE.
2. LEFT TURN LANES AT THE CAMBRIDGE BLVD. INTERSECTION AND THE GREEN BAY ROAD INTERSECTIONS WILL BE MAINTAINED DURING ALL STAGES OF CONSTRUCTION.
3. CONTRACTOR SHALL MAINTAIN A 4 FOOT (MINIMUM) SHOULDER ALONG THE TRAFFIC LANE ADJACENT TO THE WORK ZONE. THIS SHOULDER SHALL BE EXISTING PAVEMENT, PROPOSED PAVEMENT, OR COMPACTED/STABILIZED MATERIAL TO BE ULTIMATELY USED AS AGGREGATE SUBGRADE 12". THE COST OF THIS WORK IS INCLUDED IN TRAFFIC CONTROL AND PROTECTION.
4. ALL AREAS UNDERCUT FOR PGES SHALL NOT BE LEFT UNFILLED OVERNIGHT.
5. DRIVEWAY ACCESS AND ACCESS TO SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF "AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS (RESIDENTIAL)" AND "AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS (COMMERCIAL)" AND "AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS (ROAD)". DRIVEWAYS AND SIDE ROADS SHALL BE CONSTRUCTED IN STAGES, ONE HALF AT A TIME.
6. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS WHICH CONFLICT WITH TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH ARTICLE 783.03. THIS WORK SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.
7. MAINTENANCE OF TRAFFIC WILL INCLUDE DIRECTIONAL INDICATOR BARRICADES (LCDOT STANDARD LC7200) AND TEMPORARY CONSTRUCTION SIGNING (LCDOT STANDARD LC7201) AS DIRECTED BY THE ENGINEER. DIRECTIONAL INDICATOR BARRICADES AND AN ARROW BOARD SHALL BE PLACED AT LANE SHIFTS AS DIRECTED BY THE ENGINEER. THE COST WILL BE INCLUDED IN THE UNIT PRICE OF TRAFFIC CONTROL AND PROTECTION. ALL ENTRANCE SIGNS WILL BE PLACED BY THE CONTRACTOR. USE LCDOT DETAIL LC7201.
8. A TEMPORARY PATCH SHALL BE PLACED OVER THE TOP OF STORM SEWER TRENCHES AT THE END OF EACH DAY IN ACCORDANCE WITH THE TEMPORARY PATCH DETAIL. REMOVAL OF THE TEMPORARY PATCH WILL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
9. THE CONTRACTOR SHALL PLACE TEMPORARY BITUMINOUS RAMPS BETWEEN THE EXISTING AND PROPOSED PAVEMENT AT LOCATIONS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.
10. THE CONTRACTOR SHALL COVER TRAFFIC SIGNAL HEADS AND MODIFY CONTROLLER PHASING AND TIMINGS TO MATCH THE TRAFFIC PATTERNS SHOWN ON THE PLANS. THIS WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.
11. LANE CLOSURES: THE CONTRACTOR SHALL WORK EXPEDITIOUSLY TO OPEN TRAFFIC LANES CLOSED DUE TO ROADWORK. THE ENGINEER WILL BE THE SOLE JUDGE OF WHEN A LANE IS READY TO BE OPENED TO TRAFFIC. THE OPENING OF THE LANE TO TRAFFIC WILL BE IN ACCORDANCE WITH SECTION 107.29 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
12. ROADWORK REQUIRING A CLOSURE OF A LANE, WHICH HAS BEEN OPENED PREVIOUSLY TO TRAFFIC, WILL BE ALLOWED AT THE DISCRETION OF THE ENGINEER AND UNDER THE FOLLOWING CONDITIONS.
    A. THE LANE CLOSURE SHALL ONLY BE IN EFFECT WHILE WORKERS ARE PRESENT IN OR NEAR THE CLOSED LANE.
    B. THE CLOSED LANE WILL BE REOPENED TO TRAFFIC AT THE END OF THE WORKDAY.
    C. ALL TRAFFIC CONTROL DEVICES PERTAINING TO THE LANE CLOSURE SHALL BE REMOVED FROM THE ROADWAY AT THE END OF THE WORKDAY.
13. FOR SIDE STREETS THAT CROSS THE WORK ZONE - PLACE THE AGGREGATE BASE COURSE AND BITUMINOUS BINDER COURSES BEFORE THE WEEKEND FOLLOWING REMOVAL OF THE EXISTING SIDE STREET PAVEMENT.
14. "WORKERS" SIGN TO BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT. CONTRACTOR SHOULD USE PORTABLE SIGNS FOR THE "WORKERS" SIGN.
15. SPACING OF TYPE II BARRICADES AS FOLLOWS: 50' C-C ON TANGENTS, 25' C-C ON TAPERS/SHIFTS, 12' C-C AROUND RADII.
16. DRUMS WILL BE USED IN LIEU OF TYPE II BARRICADES WITHIN 200 FT OF ALL INTERSECTIONS DURING ALL STAGES OF CONSTRUCTION.
17. ALL SIGNAGE TO BE IN ACCORDANCE WITH MUTCD. SUGGESTED MAINTENANCE OF TRAFFIC SHOWN IS MINIMUM REQUIRED; CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL MEASURES AS DIRECTED BY RESIDENT ENGINEER. THIS WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
18. ALL TRAFFIC CONTROL SHALL COMPLY WITH IDOT'S DROP-OFF POLICY. CONTRACTOR SHALL SUBMIT DETAILED PLAN SHOWING POSITIVE PROTECTION MEASURES, TYPE, LOCATION AND DURATION THAT CONTRACTOR DESIRES TO USE AS PART OF CONTRACTOR'S MEANS/METHODS FOR CONSTRUCTING THE PROPOSED IMPROVEMENTS. CONTRACTOR SHALL NOT BEGIN ANY WORK THAT IS IN CONFLICT WITH IDOT'S DROP-OFF POLICY PRIOR TO RECEIVING RESIDENT ENGINEER'S REVIEW OF THE CONTRACTOR'S SUBMITTED DETAILED PLAN. REVIEW DOES NOT PLACE ANY RESPONSIBILITY ON ENGINEER; CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMING TO IDOT'S DROP-OFF POLICY, AND ALL LOWS AND ORDINANCES. CONTRACTOR SHALL STAGE ALL CONSTRUCTION ACTIVITIES TO MINIMIZE MOVEMENT OF TEMPORARY BARRIER WALL.
19. SEE HIGHWAY STANDARDS AND DISTRICT ONE DETAILS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.

ONLY WORK PERTAINING TO THE ITEMS DESCRIBED IN THAT STAGE WILL BE WORKED ON DURING THAT STAGE; THE ENGINEER WILL DETERMINE WHEN THAT STAGE IS COMPLETED. CONTRACTOR SHALL WORK IN ONLY ONE STAGE AT A TIME.

PRE-STAGE (BUILD TEMPORARY PAVEMENT, TEMPORARY DRAINAGE AND PORTIONS OF PROPOSED DRAINAGE ON THE NORTH SIDE OF WADSWORTH ROAD AND THE WEST SIDE OF GREEN BAY ROAD)

MAINTENANCE OF TRAFFIC

1. LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARDS LISTED IN THE INDEX OF STANDARDS AND ON THE MOT TYPICAL SECTION SHEETS.

CONSTRUCTION

1. PLACE AND MAINTAIN SEDIMENT AND EROSION CONTROL MEASURES (SECM) AS PER SWPPP AND AS DIRECTED BY ENGINEER.
2. COMPLETE RELOCATION OF EXISTING UTILITIES (WATER MAIN, ELECTRIC, CABLE, GAS, AND TELEPHONE) (BY OTHERS).
3. ADJUST STRUCTURES THAT FALL WITHIN THE TEMPORARY PAVEMENT LIMITS. SEE STAGE 1 MAINTENANCE OF TRAFFIC PLANS FOR STRUCTURES TO BE ADJUSTED DURING PRE-STAGE.
4. GRADE AND LANDSCAPE PROPOSED DETENTION POND AND PROPOSED COMPENSATORY STORAGE AREA.
5. PLACE TEMPORARY TRAFFIC SIGNALS AT GREEN BAY ROAD INTERSECTION.
6. BUILD TEMPORARY PAVEMENT, TEMPORARY OVERLAY, TEMPORARY AND PROPOSED DRAINAGE ITEMS (INCLUDING TEMPORARY DITCHES) AS SHOWN ON STAGE 1 MAINTENANCE OF TRAFFIC PLAN. TEMPORARY DITCHES SHALL HAVE A MINIMUM 4:1 FORE SLOPE WHERE EVER POSSIBLE. THE CONTRACTOR SHALL CONSTRUCT THE PROPOSED DITCH BOTTOM AND BACK SLOPE WHERE EVER POSSIBLE. INVERTS OF TEMPORARY DRAINAGE PIPES AND STRUCTURES ARE APPROXIMATE.
7. PLACE TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL AS SHOWN ON STAGE 1 MAINTENANCE OF TRAFFIC PLAN.

STAGE 1 (BUILD SOUTH SIDE OF WADSWORTH ROAD AND EAST SIDE OF GREEN BAY ROAD AND PROPOSED DRAINAGE ITEMS)

MAINTENANCE OF TRAFFIC

1. RELOCATE TRAFFIC TO THE LANES SHOWN ON STAGE 1 MAINTENANCE OF TRAFFIC PLANS.
2. LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARDS LISTED IN THE INDEX OF STANDARDS AND ON THE MOT TYPICAL SECTION SHEETS.

CONSTRUCTION

1. PLACE AND MAINTAIN SECM PER THE STORM WATER POLLUTION PREVENTION PLAN AND AS DIRECTED BY THE ENGINEER.
2. BUILD TEMPORARY DRAINAGE ITEMS SHOWN IN THE STAGE 2.1 MAINTENANCE OF TRAFFIC PLANS.
3. CONSTRUCT THE MAINLINE STORM SEWERS AND DRAINAGE STRUCTURES, AND BEGIN BUILDING LATERALS AS SHOWN ON THE STAGE 2.1 MAINTENANCE OF TRAFFIC PLAN SHEETS.
4. BEGIN CONSTRUCTION OF THE SOUTH SIDE OF WADSWORTH ROAD, THE EAST SIDE OF GREEN BAY ROAD, ALONG WITH ALL DRIVEWAYS, ENTRANCES AND SIDE STREETS.
5. THE HOT-MIX ASPHALT SURFACE COURSE WILL NOT BE PLACED AT THIS TIME.
6. TEMPORARY PAVEMENT WILL BE PLACED ON THE SOUTH SIDE OF WADSWORTH ROAD IN LIEU OF THE PROPOSED AGGREGATE SHOULDER.
7. TEMPORARY PAVEMENT WILL BE PLACE AT THE PROPOSED SOLID BARRIER MEDIAN ON THE NORTH LEG OF GREEN BAY ROAD.
8. PLACE PERMANENT LANDSCAPING ITEMS ON THE SOUTH SIDE OF WADSWORTH ROAD AND THE EAST SIDE OF GREEN BAY ROAD.
9. PLACE TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL AS SHOWN ON STAGE 2.1 MAINTENANCE OF TRAFFIC PLAN.

STAGE 2.1 (BUILD PORTIONS OF THE TURN LANES/MEDIAN OF WADSWORTH ROAD AND GREEN BAY ROAD TO ACCOMMODATE STAGE 2.2 TRAFFIC)

MAINTENANCE OF TRAFFIC

1. RELOCATE TRAFFIC TO THE LANES SHOWN ON STAGE 2.1 MAINTENANCE OF TRAFFIC PLANS.
2. LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARDS LISTED IN THE INDEX OF STANDARDS AND ON THE MOT TYPICAL SECTION SHEETS.

CONSTRUCTION

1. PLACE AND MAINTAIN SECM PER THE STORM WATER POLLUTION PREVENTION PLAN AND AS DIRECTED BY THE ENGINEER.
2. CONTINUE CONSTRUCTION OF DRAINAGE LATERALS AS SHOWN IN THE STAGE 2.2 MAINTENANCE OF TRAFFIC PLAN SHEETS.
3. CONSTRUCT PORTIONS OF THE TURN LANES/MEDIAN OF WADSWORTH ROAD AND GREEN BAY ROAD TO ACCOMMODATE STAGE 2.2 TRAFFIC.
4. THE HOT-MIX ASPHALT SURFACE COURSE WILL NOT BE PLACED AT THIS TIME.
5. PLACE TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL AS SHOWN ON STAGE 2.2 MAINTENANCE OF TRAFFIC PLANS.

STAGE 2.2 (BUILD NORTH SIDE OF WADSWORTH ROAD AND WEST SIDE OF GREEN BAY ROAD, AND COMPLETE CONSTRUCTION OF PROPOSED DRAINAGE SYSTEM)

MAINTENANCE OF TRAFFIC

1. RELOCATE TRAFFIC TO THE LANES SHOWN ON THE STAGE 2.2 MAINTENANCE OF TRAFFIC PLANS.
2. LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARDS LISTED IN THE INDEX OF STANDARDS AND ON THE MOT TYPICAL SECTION SHEETS.

CONSTRUCTION

1. PLACE AND MAINTAIN SECM PER THE STORM WATER POLLUTION PREVENTION PLAN AND AS DIRECTED BY THE ENGINEER.
2. COMPLETE CONSTRUCTION OF ALL STORM SEWER AND DRAINAGE STRUCTURES.
3. COMPLETE CONSTRUCTION OF THE NORTH SIDE OF WADSWORTH ROAD AND THE WEST SIDE OF GREEN BAY ROAD, ALONG WITH ALL DRIVEWAYS, ENTRANCES AND SIDE STREETS.
4. INSTALL PROPOSED TRAFFIC SIGNALS AND INTERCONNECT.
5. REMOVE TEMPORARY TRAFFIC SIGNALS.
6. REMOVE ALL TEMPORARY PAVEMENT MARKINGS AND PLACE SHORT TERM PAVEMENT MARKINGS FOR ALL LANES.
7. REMOVE TEMPORARY PAVEMENT, PLACE FINAL SHOULDER ON THE SOUTH SIDE OF WADSWORTH ROAD, AND PLACE SOLID BARRIER MEDIAN ON THE NORTH LEG OF GREEN BAY ROAD.
8. REMOVE TEMPORARY PAVEMENT AT THE LIMITS OF THE PROJECT AND RESTORE THE AREAS.
9. COMPLETE ALL LANDSCAPING PRIOR TO PLACEMENT OF HOT-MIX ASPHALT SURFACE COURSE.
10. PLACE HOT-MIX SURFACE COURSE.
11. PLACE FINAL PAVEMENT MARKINGS.
12. UPON APPROVAL FROM THE ENGINEER, REMOVE ALL TEMPORARY EROSION CONTROL ITEMS.

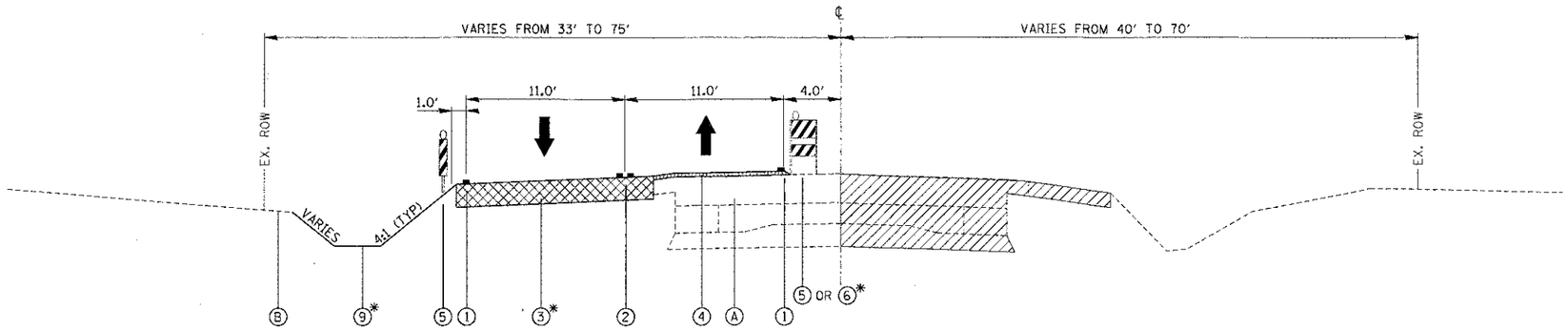
FILE NAME = N:\LCDOT\84229\Civil\MOT_MOT_84229_01.dgn	USER NAME = mwarel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
MAINTENANCE OF TRAFFIC – GENERAL NOTES

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

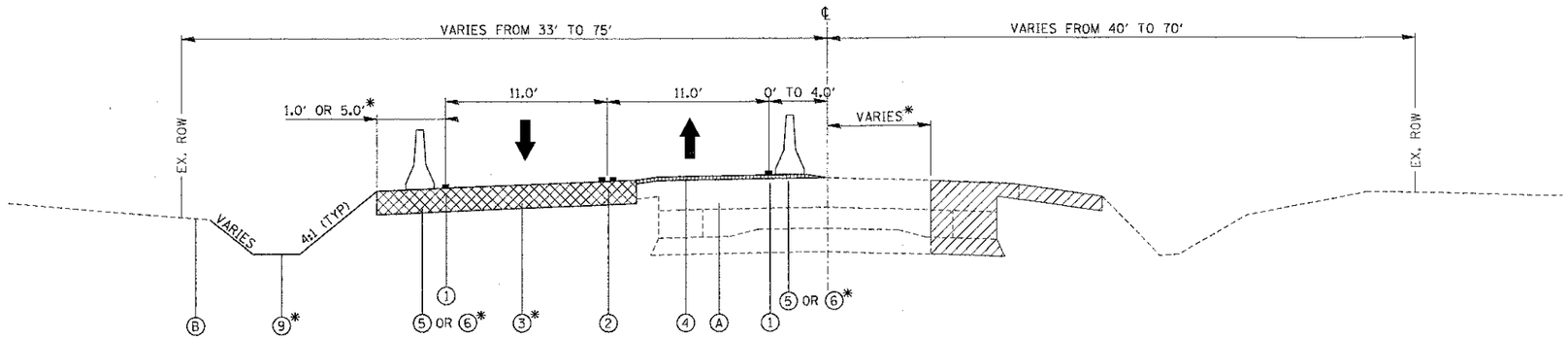
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
209	03-00033-12-CH	LAKE	189	45
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



STAGE 1

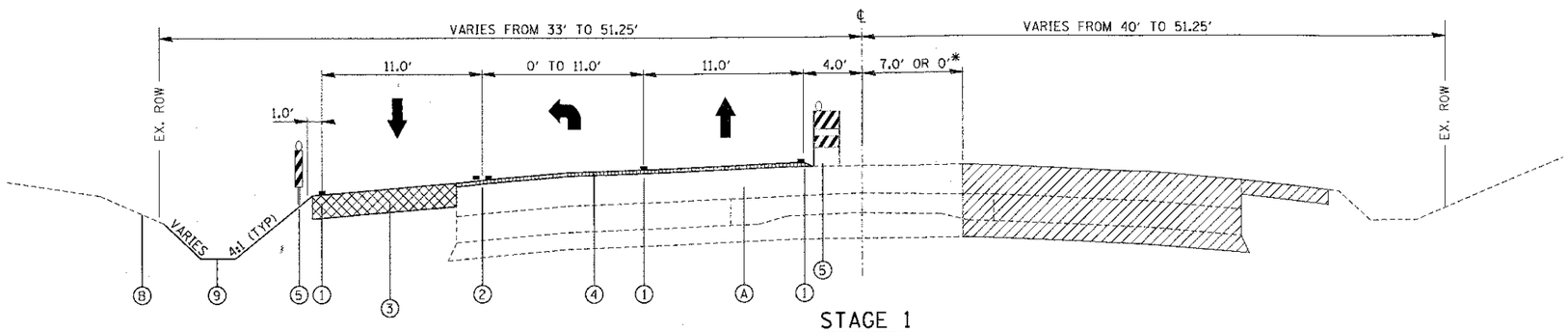
WADSWORTH ROAD: STA. 144+49.50 TO STA. 148+61
STA. 157+00 TO STA. 174+64

GREEN BAY ROAD: STA. 199+91.10 TO STA. 210+41
STA. 221+87 TO STA. 229+36.29



STAGE 1

WADSWORTH ROAD: STA. 186+21 TO STA. 195+98.95



STAGE 1

WADSWORTH ROAD: STA. 148+61 TO STA. 157+00
STA. 174+64 TO STA. 186+21

GREEN BAY ROAD: STA. 210+41 TO STA. 221+87

NOTES:

TEMPORARY PAVEMENT AND TEMPORARY DRAINAGE ITEMS WILL BE CONSTRUCTED DURING PRE-STAGE. FOR M.O.T., CONTRACTOR SHALL UTILIZE IDOT STANDARDS 701006, 701306, AND 701326.

SEE THE M.O.T. STAGE 1 PLAN SHEETS FOR THE LIMITS OF PROPOSED PAVEMENT TO BE BUILT DURING STAGE 1.

SEE THE M.O.T. STAGE 1 PLAN SHEETS FOR LOCATIONS OF TEMPORARY CONCRETE BARRIER.

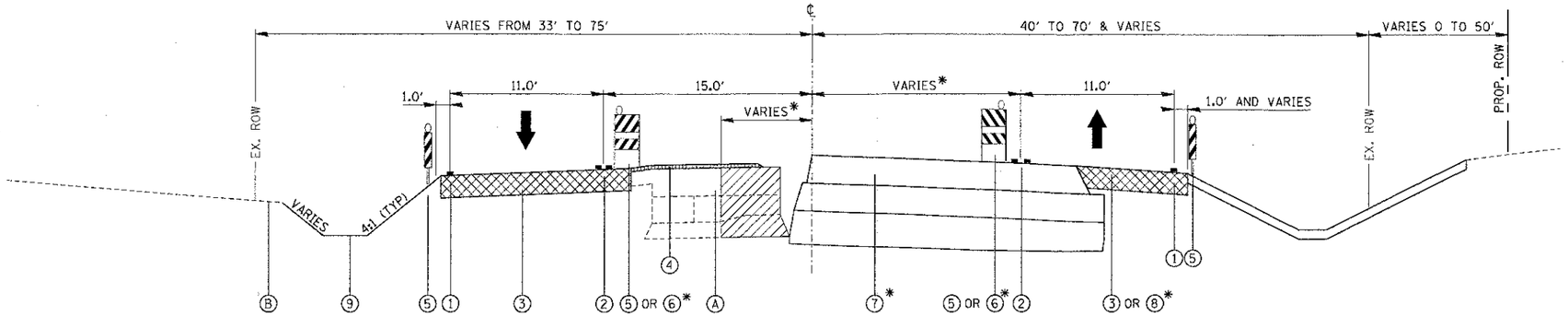
SUB-STAGES WILL BE NEEDED TO MAINTAIN TRAFFIC PER SUGGESTED MAINTENANCE OF TRAFFIC NOTES AND AS DIRECTED BY ENGINEER. THIS WORK MAY INCLUDE ADDITIONAL TEMPORARY PAVEMENT, TEMPORARY TURN LANE CLOSURES (INTO CLOSED DRIVES), TEMPORARY TRAFFIC SIGNAL HEAD ADJUSTMENTS, TEMPORARY BARRIER WALL, TEMPORARY PAVEMENT MARKINGS, BARRICADES AND SIGNING.

LEGEND

1. TEMPORARY PAVEMENT MARKING - LINE, WHITE
2. TEMPORARY PAVEMENT MARKING - LINE, YELLOW
3. TEMPORARY PAVEMENT
   - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM) 1 3/4"
   - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6 1/4"
4. TEMPORARY HOT-MIX ASPHALT SURFACE
   - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 1 3/4"
5. TYPE II BARRICADE OR DRUM WITH BI-DIRECTIONAL LIGHT OR VERTICAL PANEL WITH BI-DIRECTIONAL LIGHT
6. TEMPORARY CONCRETE BARRIER WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
7. PROPOSED ROADWAY
8. PROPOSED SHOULDER
9. TEMPORARY DITCH, TEMPORARY EROSION CONTROL SEEDING, EROSION CONTROL BLANKET

A. EXISTING ROADWAY
B. EXISTING GROUND
WORK ZONE
* SEE NOTES

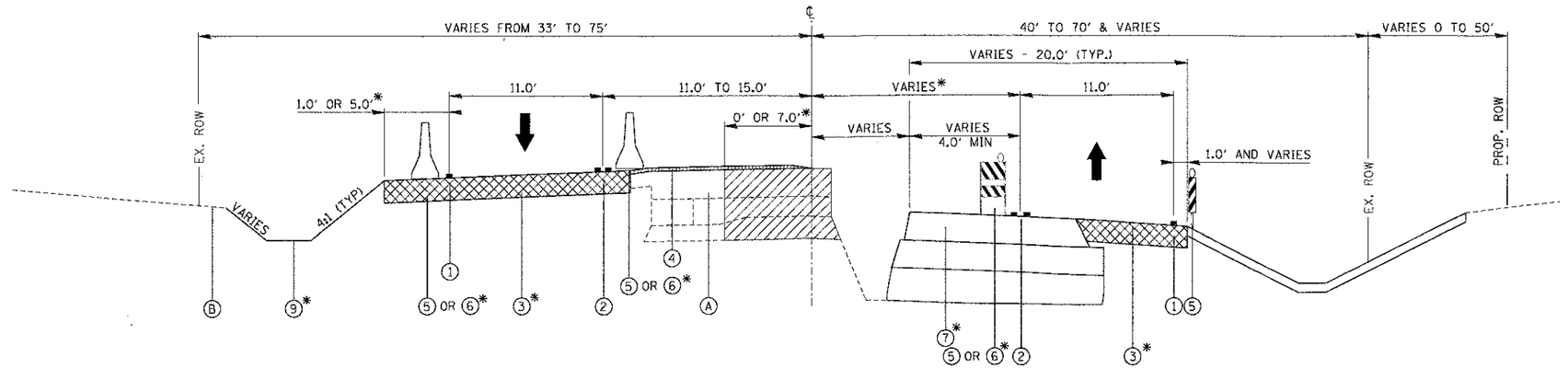
FILE NAME = N:\LCDOT\04229\Civil\MOT_TYP_040229_01.DGN	USER NAME = amorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - STAGE 1	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 46
		DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT SCALE = 10'	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
	PLOT DATE = 11/13/2012	DATE -	REVISED -							



STAGE 2.1

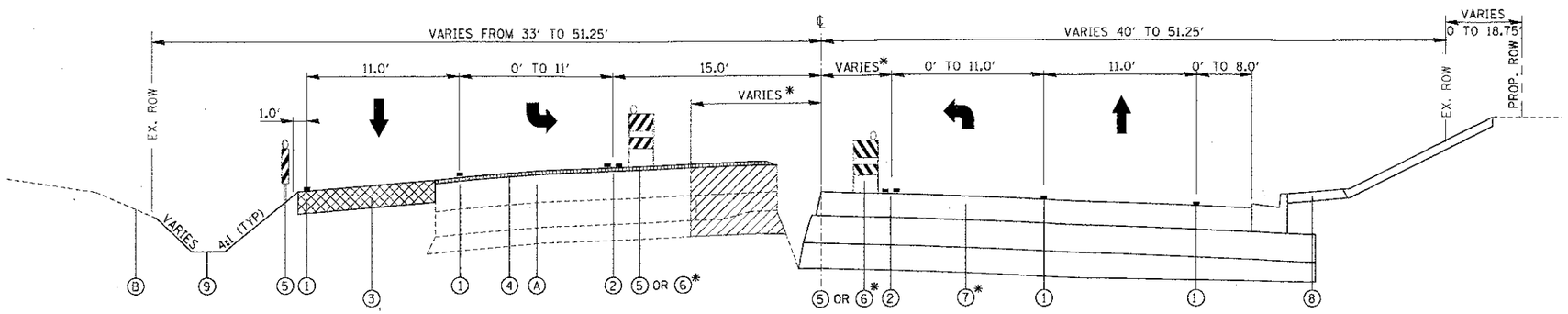
WADSWORTH ROAD: STA. 144+49.50 TO STA. 148+61
STA. 157+00 TO STA. 174+64

GREEN BAY ROAD: STA. 199+91.10 TO STA. 209+51
STA. 222+05 TO STA. 229+36



STAGE 2.1

WADSWORTH ROAD: STA. 186+57 TO STA. 195+98.95



STAGE 2.1

WADSWORTH ROAD: STA. 148+61 TO STA. 157+00
STA. 174+64 TO STA. 186+56

GREEN BAY ROAD: STA. 209+51 TO STA. 222+05

NOTES:

SEE THE M.O.T. STAGE 2.1 PLAN SHEETS FOR THE LIMITS OF PROPOSED PAVEMENT TO BE BUILT DURING STAGE 2.1.

IN ORDER TO ACCOMODATE TRAFFIC DURING CONSTRUCTION, TEMPORARY PAVEMENT WILL BE PLACED ON THE SOUTH SIDE OF WADSWORTH ROAD AT ALL LOCATIONS WHERE AGGREGATE SHOULDERS ARE PROPOSED. THE TEMPORARY PAVEMENT WILL BE REMOVED, AND THE AGGREGATE SHOULDERS WILL BE BUILT AFTER STAGE 2.2 CONSTRUCTION IS COMPLETE.

IN ORDER TO ACCOMODATE TRAFFIC DURING CONSTRUCTION, ALL PROPOSED HMA SHOULDERS ON THE SOUTH SIDE OF WADSWORTH ROAD AND ON THE EAST SIDE OF GREEN BAY ROAD SHALL BE 10" THICK.

THE PROPOSED SURFACE COURSE SHALL NOT BE PLACED UNTIL THE END OF STAGE 2.2.

SEE THE M.O.T. STAGE 2.1 PLAN SHEETS FOR LOCATIONS OF TEMPORARY CONCRETE BARRIER.

THE PROPOSED CONCRETE MEDIAN, TYPE SB ON THE NORTH LEG OF GREEN BAY ROAD SHALL NOT BE CONSTRUCTED UNTIL THE END OF STAGE 2.2. THE CONTRACTOR SHALL PLACE TEMPORARY PAVEMENT AT THIS LOCATION UNTIL THE PROPOSED MEDIAN CAN BE BUILT.

SUB-STAGES WILL BE NEEDED TO MAINTAIN TRAFFIC PER SUGGESTED MAINTENANCE OF TRAFFIC NOTES AND AS DIRECTED BY ENGINEER. THIS WORK MAY INCLUDE ADDITIONAL TEMPORARY PAVEMENT, TEMPORARY TURN LANE CLOSURES (INTO CLOSED DRIVES), TEMPORARY TRAFFIC SIGNAL HEAD ADJUSTMENTS, TEMPORARY BARRIER WALL, TEMPORARY PAVEMENT MARKINGS, BARRICADES AND SIGNING.

LEGEND

1. TEMPORARY PAVEMENT MARKING - LINE, WHITE
2. TEMPORARY PAVEMENT MARKING - LINE, YELLOW
3. TEMPORARY PAVEMENT
   - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM) 1 3/4"
   - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6 1/4"
4. TEMPORARY HOT-MIX ASPHALT SURFACE
   - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 1 3/4"
5. TYPE II BARRICADE OR DRUM WITH BI-DIRECTIONAL LIGHT OR VERTICAL PANEL WITH BI-DIRECTIONAL LIGHT
6. TEMPORARY CONCRETE BARRIER WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
7. PROPOSED ROADWAY
8. PROPOSED SHOULDER
9. TEMPORARY DITCH, TEMPORARY EROSION CONTROL SEEDING, EROSION CONTROL BLANKET

A. EXISTING ROADWAY
B. EXISTING GROUND
WORK ZONE
* SEE NOTES

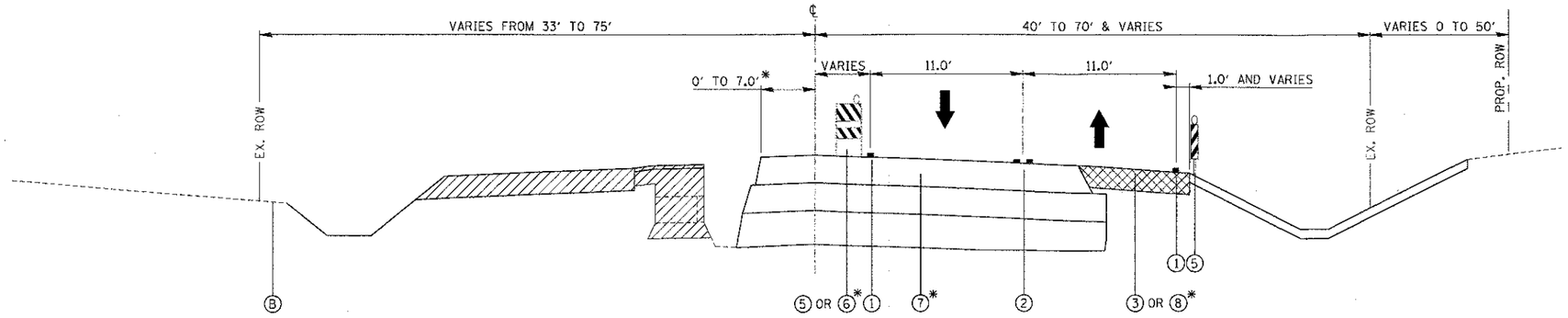
FILE NAME = N:\LOGO\TM\84229\D\mi\MOT_TYP_240229_02.SH	USER NAME = pdgarl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10' / "	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - STAGE 2.1

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

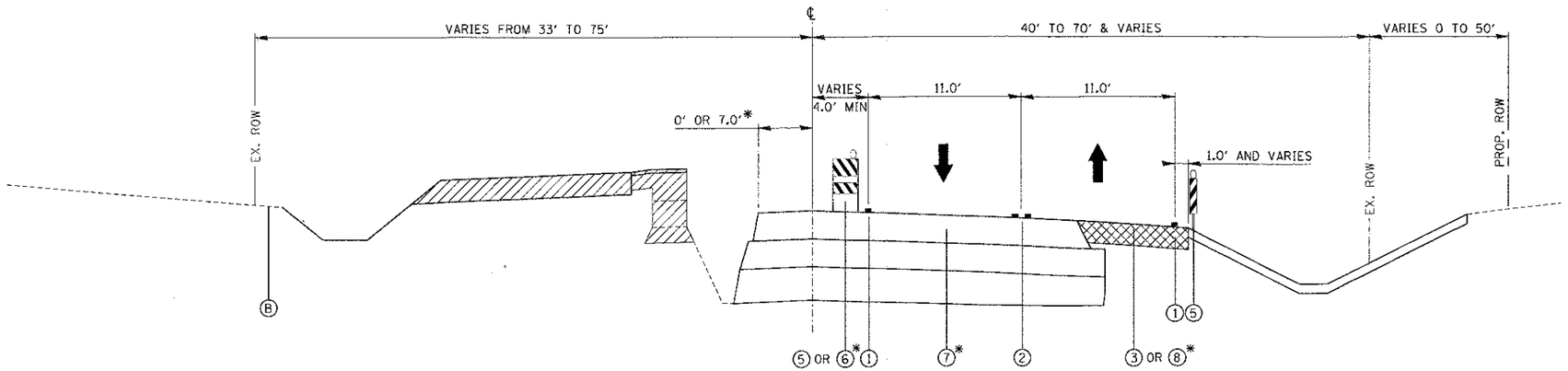
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	47
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			



STAGE 2.2

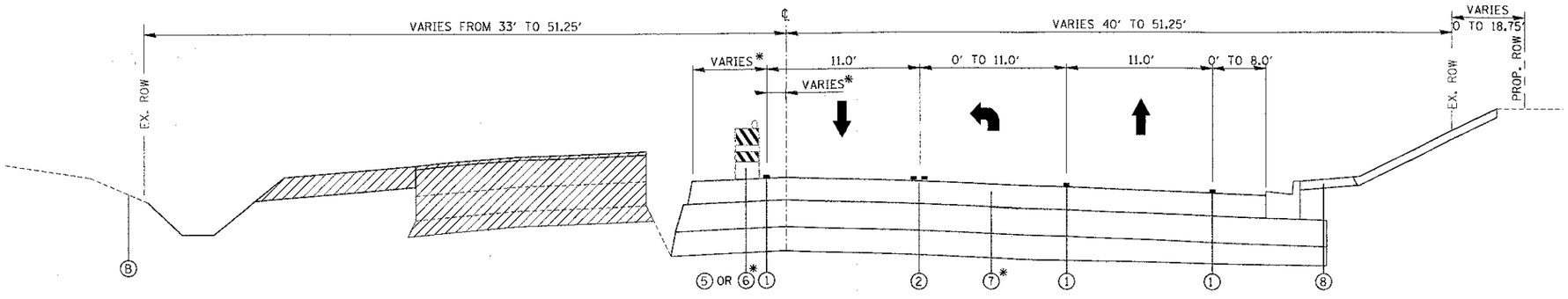
WADSWORTH ROAD: STA. 144+49.50 TO STA. 148+61
STA. 157+13 TO STA. 174+64

GREEN BAY ROAD: STA. 199+91.10 TO STA. 209+51
STA. 222+06 TO STA. 229+36.29



STAGE 2.2

WADSWORTH ROAD: STA. 186+77 TO STA. 195+98.95



STAGE 2.2

WADSWORTH ROAD: STA. 148+61 TO STA. 157+13
STA. 174+64 TO STA. 186+77

GREEN BAY ROAD: STA. 209+51 TO STA. 222+06

NOTES:

ALL CONSTRUCTION MUST BE COMPLETED BY THE END OF THIS STAGE.

AT THE END OF THIS STAGE, THE PROPOSED AGGREGATE SHOULDER ON THE SOUTH SIDE OF WADSWORTH ROAD SHALL BE CONSTRUCTED UTILIZING IDOT STANDARD 701306.

PROPOSED SURFACE COURSE SHALL BE PLACED AT THE END OF THIS STAGE UTILIZING IDOT STANDARD 701306.

ALL TEMPORARY PAVEMENT AT THE PROJECT LIMITS SHALL BE REMOVED AND THE CORRESPONDING AREAS SHALL BE RESTORED UTILIZING IDOT STANDARD 701306.

SEE THE M.O.T. STAGE 2.2 PLAN SHEETS FOR LOCATIONS OF TEMPORARY CONCRETE BARRIER.

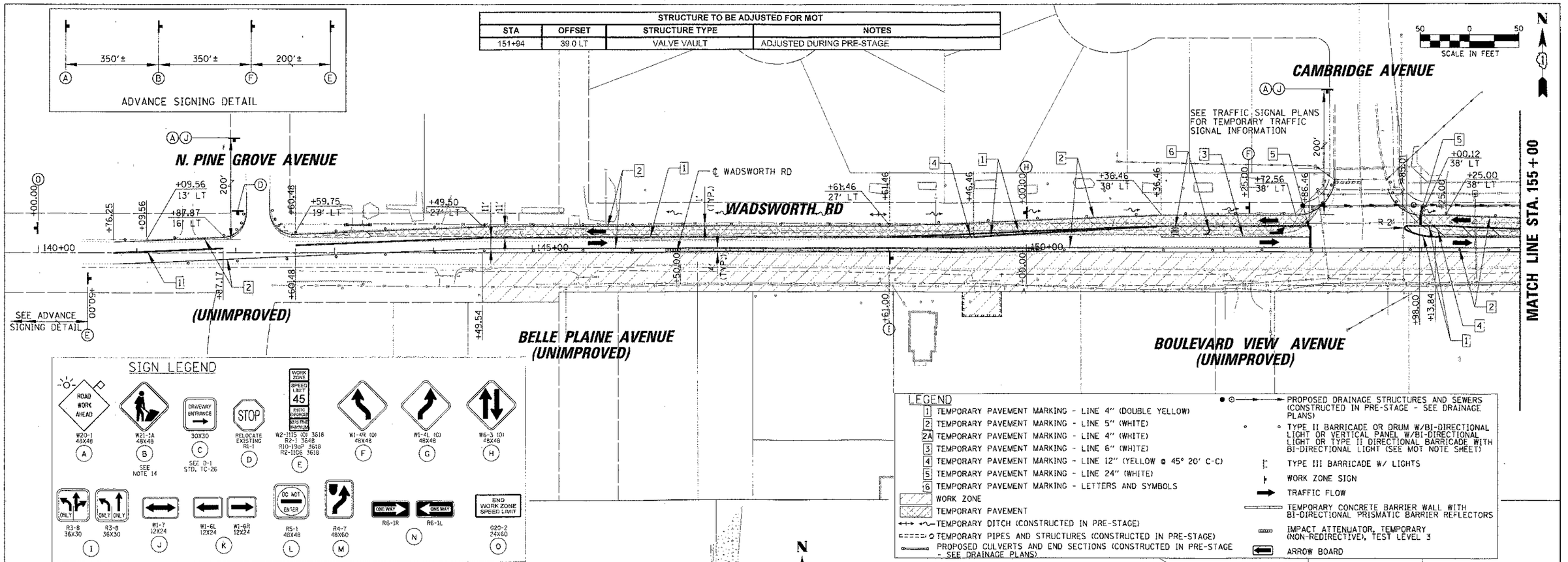
LEGEND

1. TEMPORARY PAVEMENT MARKING - LINE, WHITE
2. TEMPORARY PAVEMENT MARKING - LINE, YELLOW
3. TEMPORARY PAVEMENT
   - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM) 1 3/4"
   - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6 1/4"
4. TEMPORARY HOT-MIX ASPHALT SURFACE
   - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 1 3/4"
5. TYPE II BARRICADE OR DRUM WITH BI-DIRECTIONAL LIGHT OR VERTICAL PANEL WITH BI-DIRECTIONAL LIGHT
6. TEMPORARY CONCRETE BARRIER WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
7. PROPOSED ROADWAY
8. PROPOSED SHOULDER
9. TEMPORARY DITCH, TEMPORARY EROSION CONTROL SEEDING, EROSION CONTROL BLANKET

A EXISTING ROADWAY
B EXISTING GROUND
WORK ZONE
* SEE NOTES

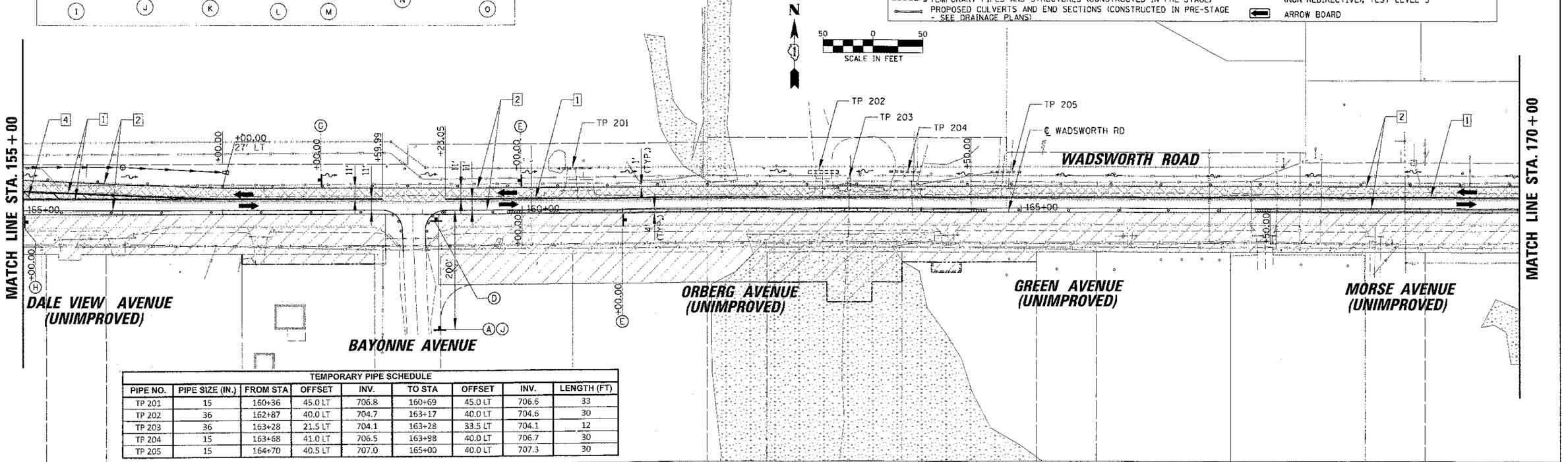
FILE NAME = N:\LCDOT\04229\Civil\MOT_TYP_040229_03.SHT	USER NAME = mmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - STAGE 2.2	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189 / SHEET NO. 48
	PLOT SCALE = 10'	DRAWN -	REVISED -					CONTRACT NO. 63766	
	PLOT DATE = 11/13/2012	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	
		DATE	REVISED -						

STRUCTURE TO BE ADJUSTED FOR MOT			
STA	OFFSET	STRUCTURE TYPE	NOTES
151+94	39.0 LT	VALVE VAULT	ADJUSTED DURING PRE-STAGE



LEGEND

- 1 TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE)
- 2A TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW @ 45° 20' C-C)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
- 6 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DITCH (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY PIPES AND STRUCTURES (CONSTRUCTED IN PRE-STAGE)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL PANEL W/BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH BI-DIRECTIONAL LIGHT (SEE MOT NOTE SHEET)
- TYPE III BARRICADE W/ LIGHTS
- WORK ZONE SIGN
- TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER WALL WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ARROW BOARD



TEMPORARY PIPE SCHEDULE								
PIPE NO.	PIPE SIZE (IN.)	FROM STA	OFFSET	INV.	TO STA	OFFSET	INV.	LENGTH (FT)
TP 201	15	160+36	45.0 LT	706.8	160+69	45.0 LT	706.6	33
TP 202	36	162+87	40.0 LT	704.7	163+17	40.0 LT	704.6	30
TP 203	36	163+28	21.5 LT	704.1	163+28	33.5 LT	704.1	12
TP 204	15	163+68	41.0 LT	706.5	163+98	40.0 LT	706.7	30
TP 205	15	164+70	40.5 LT	707.0	165+00	40.0 LT	707.3	30

FILE NAME = N:\LCD07\N\24229\Civil\MOT_STAGE1_WADSWORTH_BI.SHT	USER NAME = mmorel	DESIGNED -	REVISED
	PLOT SCALE = 50'	DRAWN -	REVISED
	PLOT DATE = 11/13/2012	CHECKED -	REVISED
		DATE -	REVISED

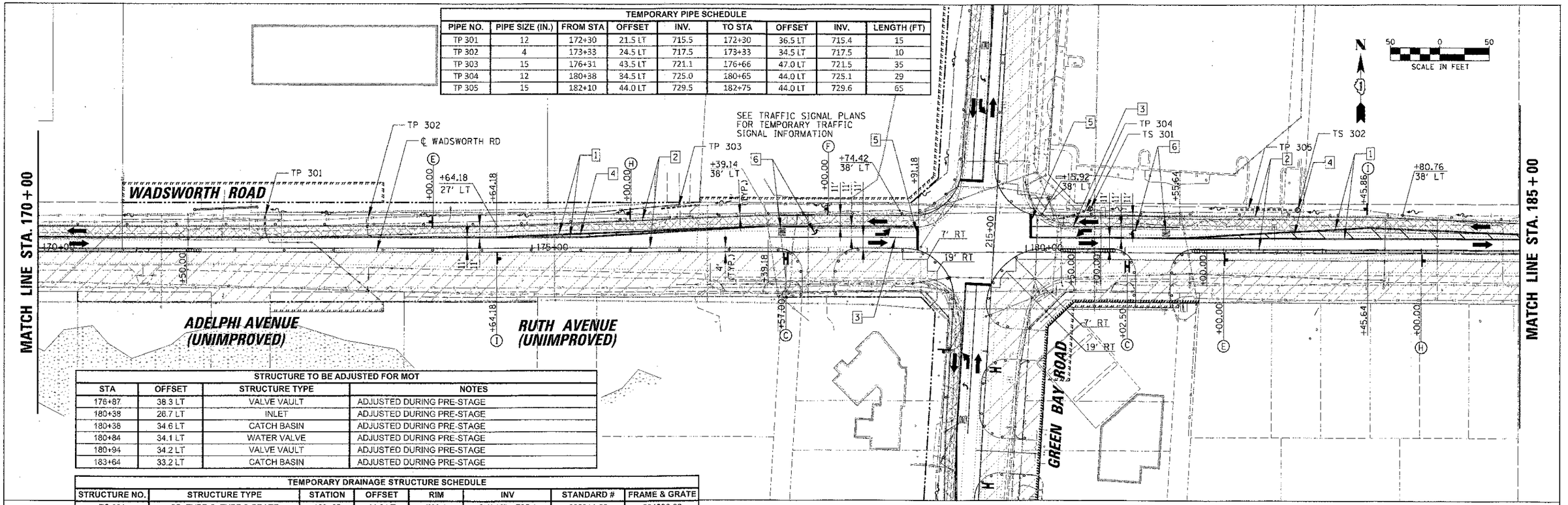
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
MAINTENANCE OF TRAFFIC – STAGE 1
STA. 140+76.25 TO STA. 170+00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	185	49
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

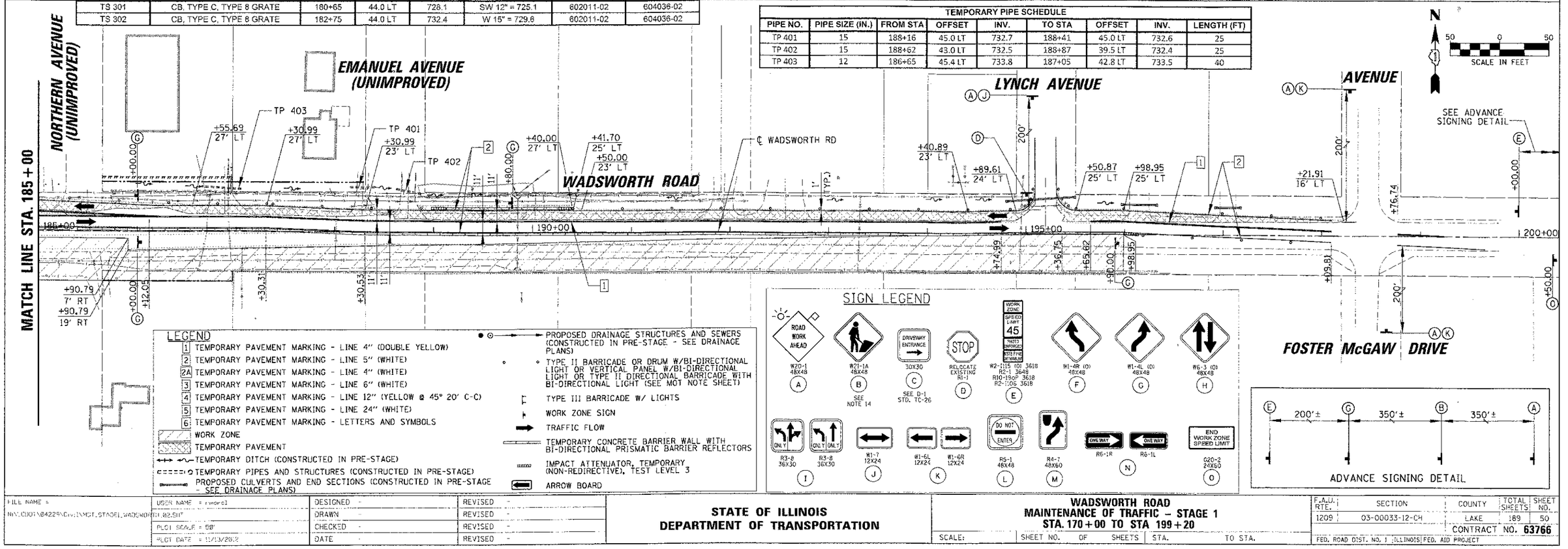
TEMPORARY PIPE SCHEDULE								
PIPE NO.	PIPE SIZE (IN.)	FROM STA	OFFSET	INV.	TO STA	OFFSET	INV.	LENGTH (FT)
TP 301	12	172+30	21.5 LT	715.5	172+30	36.5 LT	715.4	15
TP 302	4	173+33	24.5 LT	717.5	173+33	34.5 LT	717.5	10
TP 303	15	176+31	43.5 LT	721.1	176+66	47.0 LT	721.5	35
TP 304	12	180+38	34.5 LT	725.0	180+65	44.0 LT	725.1	29
TP 305	15	182+10	44.0 LT	729.5	182+75	44.0 LT	729.6	65



STRUCTURE TO BE ADJUSTED FOR MOT			
STA	OFFSET	STRUCTURE TYPE	NOTES
176+87	38.3 LT	VALVE VAULT	ADJUSTED DURING PRE-STAGE
180+38	26.7 LT	INLET	ADJUSTED DURING PRE-STAGE
180+38	34.6 LT	CATCH BASIN	ADJUSTED DURING PRE-STAGE
180+84	34.1 LT	WATER VALVE	ADJUSTED DURING PRE-STAGE
180+94	34.2 LT	VALVE VAULT	ADJUSTED DURING PRE-STAGE
183+64	33.2 LT	CATCH BASIN	ADJUSTED DURING PRE-STAGE

TEMPORARY DRAINAGE STRUCTURE SCHEDULE							
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV	STANDARD #	FRAME & GRATE
TS 301	CB, TYPE C, TYPE 8 GRATE	180+65	44.0 LT	728.1	SW 12" = 725.1	602011-02	604036-02
TS 302	CB, TYPE C, TYPE 8 GRATE	182+75	44.0 LT	732.4	W 15" = 729.6	602011-02	604036-02

TEMPORARY PIPE SCHEDULE								
PIPE NO.	PIPE SIZE (IN.)	FROM STA	OFFSET	INV.	TO STA	OFFSET	INV.	LENGTH (FT)
TP 401	15	188+16	45.0 LT	732.7	188+41	45.0 LT	732.6	25
TP 402	15	188+62	43.0 LT	732.5	188+87	39.5 LT	732.4	25
TP 403	12	186+65	45.4 LT	733.8	187+05	42.8 LT	733.5	40



LEGEND

- 1 TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE)
- 2A TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW @ 45° 20' C-C)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
- 6 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DITCH (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY PIPES AND STRUCTURES (CONSTRUCTED IN PRE-STAGE)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL PANEL W/BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH BI-DIRECTIONAL LIGHT (SEE MOT NOTE SHEET)
- TYPE III BARRICADE W/ LIGHTS
- WORK ZONE SIGN
- TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER WALL WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ARROW BOARD

SIGN LEGEND

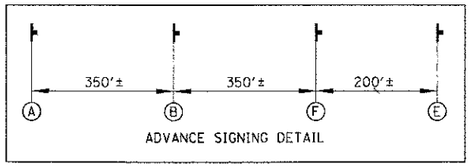
FILE NAME = N:\CIDOT\94225\Civil\MOT_STAGE1_WADSWORTH_02.SHT	USER NAME = rmeyer1	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
MAINTENANCE OF TRAFFIC – STAGE 1
STA. 170 + 00 TO STA 199 + 20

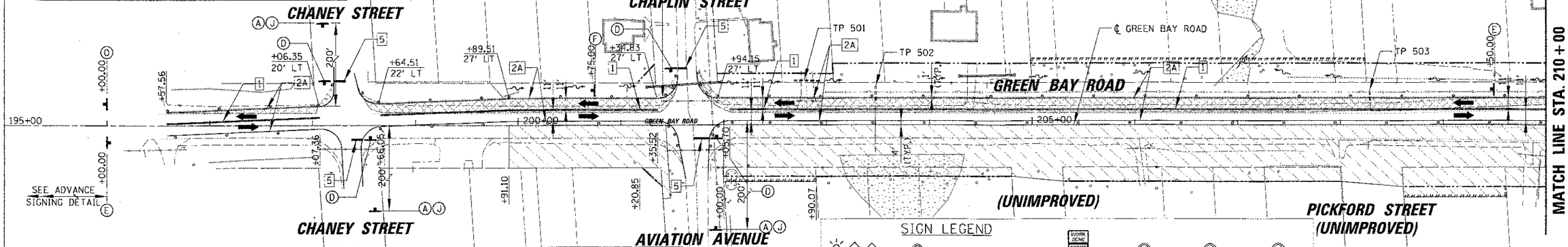
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

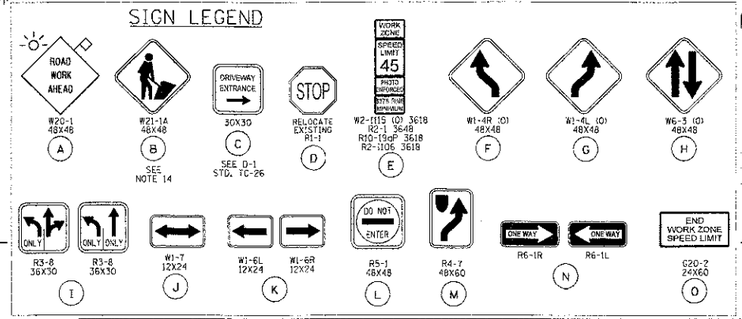
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	50
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



ADVANCE SIGNING DETAIL

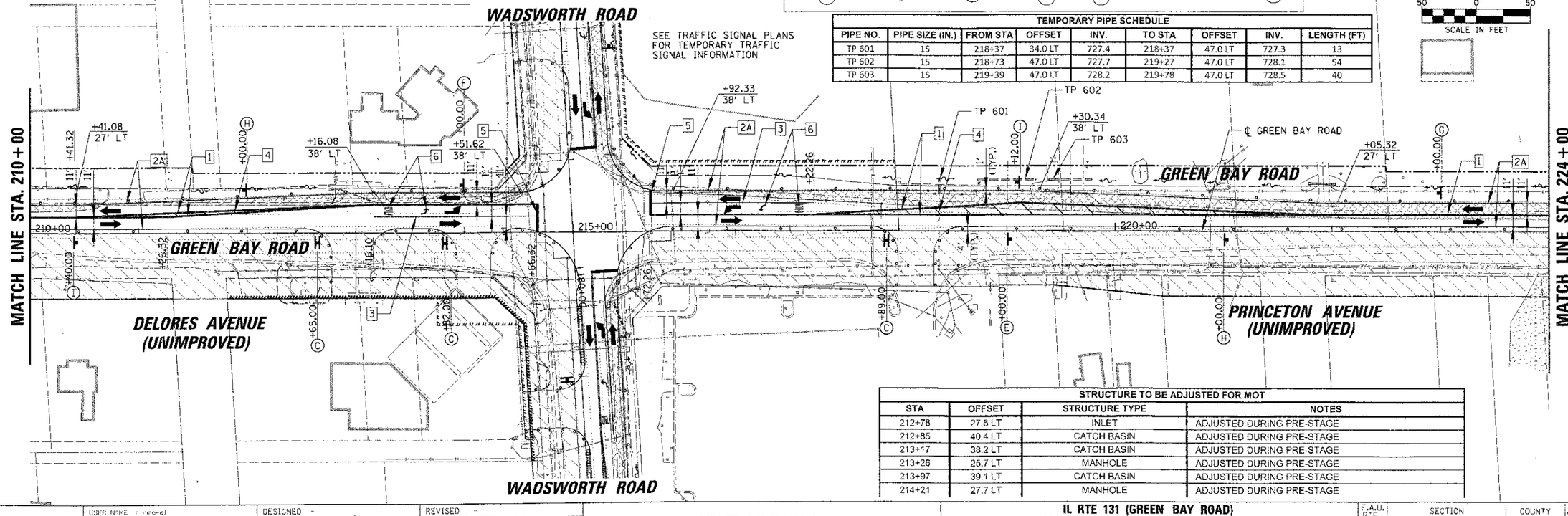
TEMPORARY PIPE SCHEDULE								
PIPE NO.	PIPE SIZE (IN.)	FROM STA	OFFSET	INV.	TO STA	OFFSET	INV.	LENGTH (FT)
TP 501	12	202+68	43.0 LT	723.2	202+93	43.0 LT	723.0	25
TP 502	15	203+48	24.0 LT	723.6	203+48	38.0 LT	723.4	14
TP 503	4	208+29	23.5 LT	726.6	208+28	33.5 LT	726.5	10





LEGEND

- 1 TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE)
- 2A TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW @ 45° 20' C-C)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
- 6 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DITCH (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY PIPES AND STRUCTURES (CONSTRUCTED IN PRE-STAGE)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL PANEL W/BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH BI-DIRECTIONAL LIGHT (SEE MOT NOTE SHEET)
- TYPE III BARRICADE W/ LIGHTS
- WORK ZONE SIGN
- TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER WALL WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ARROW BOARD



TEMPORARY PIPE SCHEDULE								
PIPE NO.	PIPE SIZE (IN.)	FROM STA	OFFSET	INV.	TO STA	OFFSET	INV.	LENGTH (FT)
TP 601	15	218+37	34.0 LT	727.4	218+37	47.0 LT	727.3	13
TP 602	15	218+73	47.0 LT	727.7	219+27	47.0 LT	728.1	54
TP 603	15	219+39	47.0 LT	728.2	219+78	47.0 LT	728.5	40

STRUCTURE TO BE ADJUSTED FOR MOT			
STA	OFFSET	STRUCTURE TYPE	NOTES
212+78	27.5 LT	INLET	ADJUSTED DURING PRE-STAGE
212+85	40.4 LT	CATCH BASIN	ADJUSTED DURING PRE-STAGE
213+17	38.2 LT	CATCH BASIN	ADJUSTED DURING PRE-STAGE
213+26	25.7 LT	MANHOLE	ADJUSTED DURING PRE-STAGE
213+97	39.1 LT	CATCH BASIN	ADJUSTED DURING PRE-STAGE
214+21	27.7 LT	MANHOLE	ADJUSTED DURING PRE-STAGE

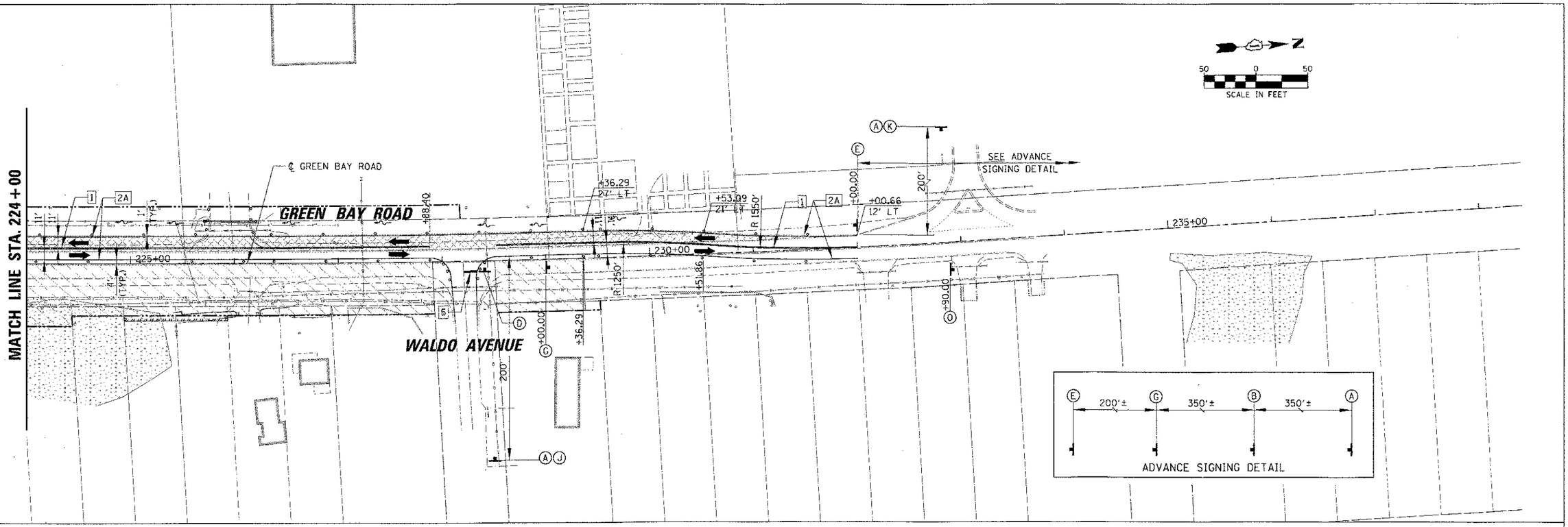
FILE NAME = N:\LCDOT\94229\Civil\MOT_STAGE1_RTE131_2.dgn	USER NAME = rmeisel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

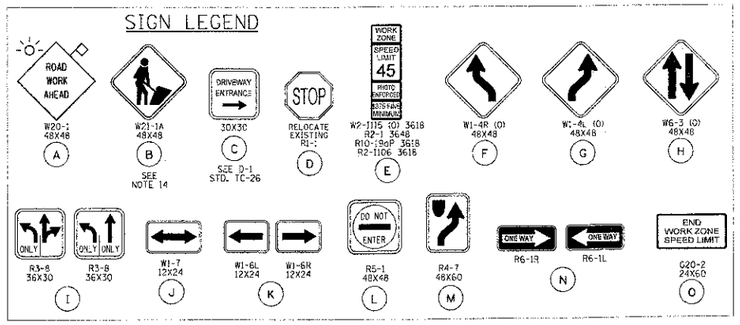
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
MAINTENANCE OF TRAFFIC – STAGE 1
STA. 195+00 TO STA. 224+00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	51
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





LEGEND

- 1 TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE)
- 2A TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW @ 45° 20' C-C)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
- 6 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DITCH (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY PIPES AND STRUCTURES (CONSTRUCTED IN PRE-STAGE)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL PANEL W/BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH BI-DIRECTIONAL LIGHT (SEE MOT NOTE SHEET)
- TYPE III BARRICADE W/ LIGHTS
- WORK ZONE SIGN
- TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER WALL WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ARROW BOARD

FILE NAME = N:\LCDOT\04229\Civil\MOT_STAGE1_RTE131_22.DGN	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

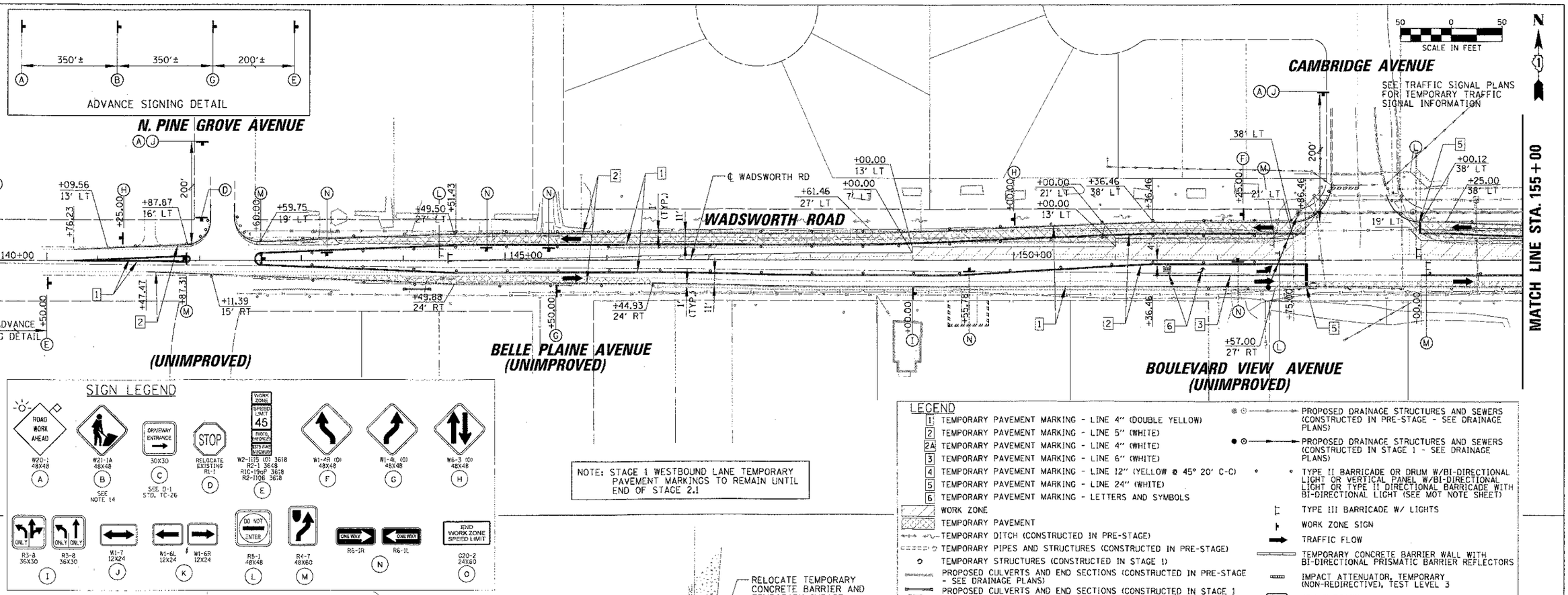
IL RTE 131 (GREEN BAY ROAD)
MAINTENANCE OF TRAFFIC - STAGE 1
STA. 224+00 TO STA. 232+00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	52

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



SIGN LEGEND

ROAD WORK AHEAD W20-1 48X48 (A)
W21-1A 48X48 (B) SEE NOTE 14
DRIVEWAY ENTRANCE 30X30 (C) SEE D-1 STD. TC-26
STOP RELOCATE EXISTING R1-1 (D)
WORK ZONE SPEED LIMIT 45 PHOTO ENFORCED $375 FINE MINIMUM W2-1(T) (D) 36I8 R2-1 36I8 R1C-19(P) 36I8 R2-1106 36I8 (E)
W1-8R (D) 48X48 (F)
W1-8L (D) 48X48 (G)
W6-3 (D) 48X48 (H)
R3-8 36X30 (I)
R3-8 36X30 (I)
W1-7 12X24 (J)
W1-6L 12X24 & W1-6R 12X24 (K)
DO NOT ENTER R5-1 48X48 (L)
R4-7 48X60 (M)
ONE WAY R6-1R (N)
ONE WAY R6-1L (N)
END WORK ZONE SPEED LIMIT G20-2 24X60 (O)

NOTE: STAGE 1 WESTBOUND LANE TEMPORARY PAVEMENT MARKINGS TO REMAIN UNTIL END OF STAGE 2.1

LEGEND

1. TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
2. TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE)
2A. TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
3. TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
4. TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW @ 45° 20' C-C)
5. TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
6. TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DITCH (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY PIPES AND STRUCTURES (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY STRUCTURES (CONSTRUCTED IN STAGE 1)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN STAGE 1 - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN STAGE 1 - SEE DRAINAGE PLANS)
- TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL PANEL W/BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH BI-DIRECTIONAL LIGHT (SEE MOT NOTE SHEET)
- TYPE III BARRICADE W/ LIGHTS
- WORK ZONE SIGN
- TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER WALL WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ARROW BOARD

FILE NAME = N:\CDOT\N\04229\Civil\MOT_STAGE2.1_WADSWORTH_WI.SIM	USER NAME = mpenel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
MAINTENANCE OF TRAFFIC – STAGE 2.1
STA. 140+76.25 TO STA. 170+00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	53
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TEMPORARY DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV	STANDARD #	FRAME & GRATE
TS 310	MH, TYPE A, 5', TYPE 1, CL	179+27	44.0 RT	729.3	E & W 36" = 720.19 S 21" = 725.64	602401	604001-01
TS 311	MH, TYPE A, 5', TYPE 1, CL	180+22	33.5 LT	729.6	E 12" = 724.53 N & S 36" = 721.50	602401	604001-01

MATCH LINE STA. 170+00

MATCH LINE STA. 185+00

WADSWORTH ROAD

ADELPHI AVENUE (UNIMPROVED)

RUTH AVENUE (UNIMPROVED)

NORTHERN AVENUE (UNIMPROVED)

EMANUEL AVENUE (UNIMPROVED)

LYNCH AVENUE

METROPOLITAN AVENUE

FOSTER McGAW DRIVE

℄ WADSWORTH RD

SEE TRAFFIC SIGNAL PLANS FOR TEMPORARY TRAFFIC SIGNAL INFORMATION

RELOCATE TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS TO NEW OFFSET

NOTE: STAGE 1 WESTBOUND LANE TEMPORARY PAVEMENT MARKINGS TO REMAIN UNTIL END OF STAGE 2.1

SEE ADVANCE SIGNING DETAIL

N

SCALE IN FEET 50 0 50

LEGEND

- 1 TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE)
- 2A TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW @ 45° 20' C-C)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
- 6 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DITCH (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY PIPES AND STRUCTURES (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY STRUCTURES (CONSTRUCTED IN STAGE 1)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN STAGE 1 - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN STAGE 1 - SEE DRAINAGE PLANS)
- TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL PANEL W/BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH BI-DIRECTIONAL LIGHT (SEE MOT NOTE SHEET)
- TYPE III BARRICADE W/ LIGHTS
- WORK ZONE SIGN
- TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER WALL WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ARROW BOARD

SIGN LEGEND

A — W20-1 48X48 — ROAD WORK AHEAD
B — W21-1A 48X48 — SEE NOTE 14
C — 30X30 — DRIVEWAY ENTRANCE — SEE D-1 STD. TC-26
D — RELOCATE EXISTING R1-1 — STOP
E — W2-1(15) (D) 36I8, R2-1 36I8, R19-1(60)P 36I8, R2-1106 36I8 — WORK ZONE SPEED LIMIT 45 PHOTO ENFORCED $375 FINE MINIMUM
F — W1-4R (D) 48X48
G — W1-4L (D) 48X48
H — W6-3 (D) 48X48
I — R3-8 36X30 — ONLY
J — R3-8 36X30 — ONLY ONLY
K — W1-7 12X24
L — W1-6L 12X24, W1-6R 12X24
M — R5-1 48X48 — DO NOT ENTER
N — R4-7 48X60
O — R6-1R ONEWAY, R6-1L ONEWAY
P — G20-2 24X60 — END WORK ZONE SPEED LIMIT

E — 200'± — C — 350'± — B — 350'± — A

ADVANCE SIGNING DETAIL

FILE NAME = N:\LCDOT\M\82229\Civil\MOT_STAGE2.1_WADSWORTH_R2.SH	USER NAME = rumorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

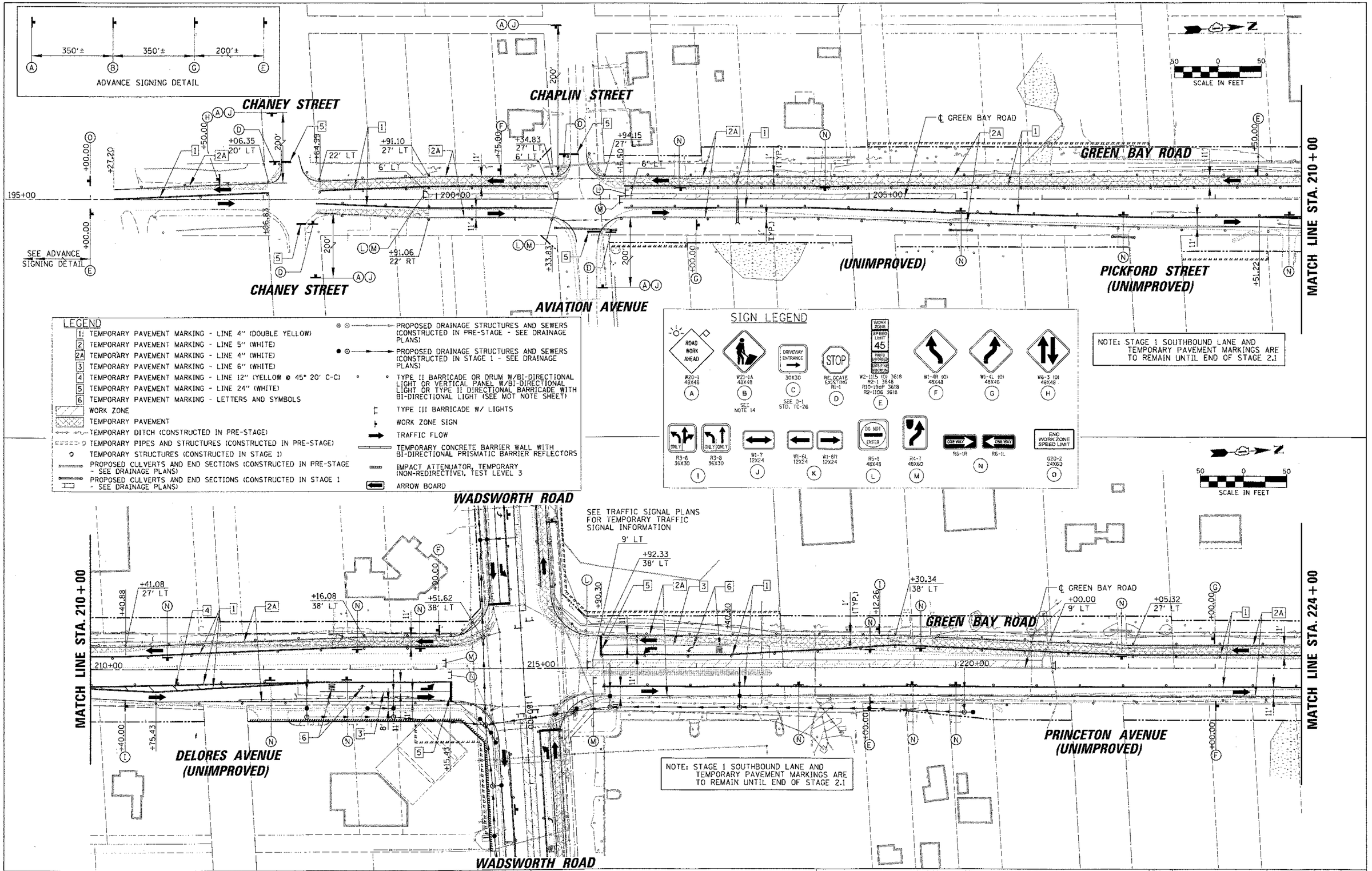
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
MAINTENANCE OF TRAFFIC – STAGE 2.1
STA. 170+00 TO STA. 199+20

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	54
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



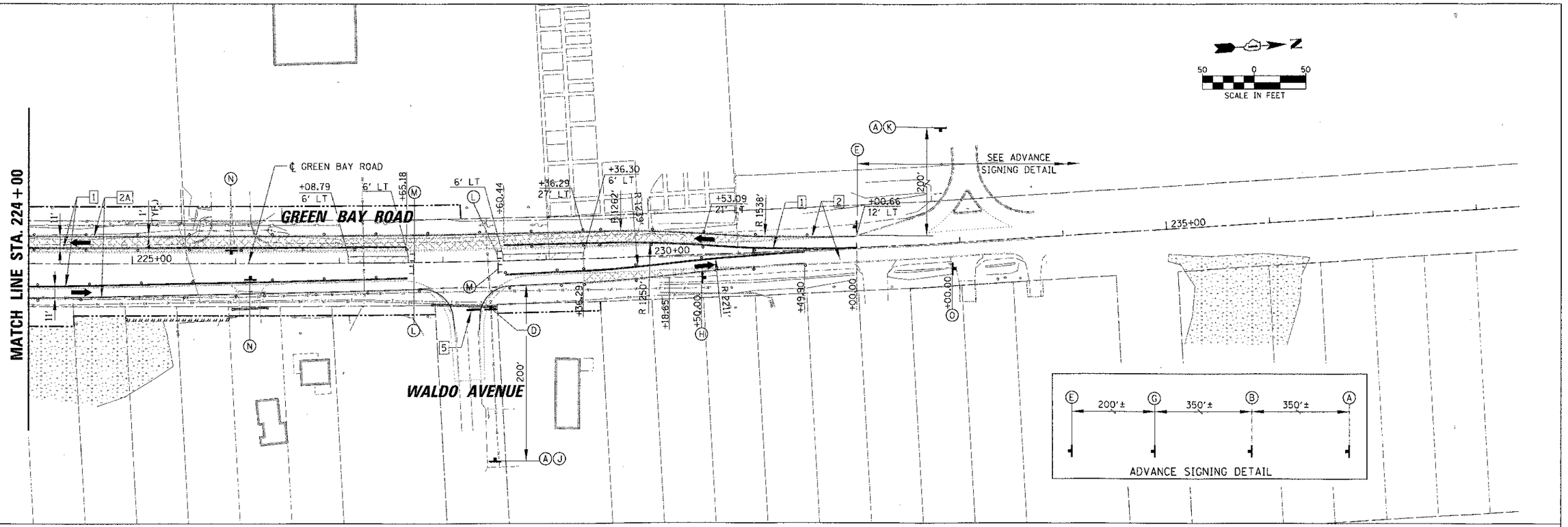
FILE NAME = N:\LOCDTA\84229\Civil\MOT_STAGE2.1_RTE131.dgn	USER NAME = amore1	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

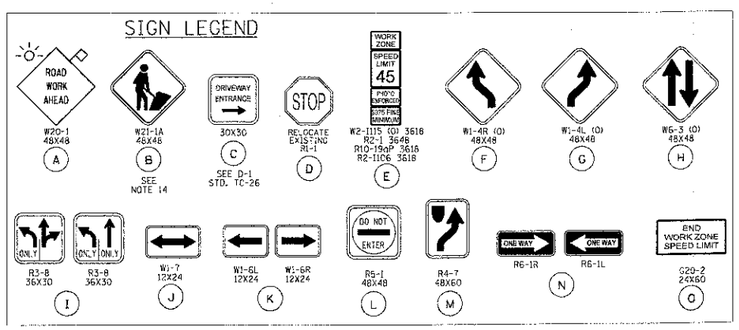
IL RTE 131 (GREEN BAY ROAD)
MAINTENANCE OF TRAFFIC – STAGE 2.1
STA. 196+27.20 TO STA. 224+00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	55
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTE: STAGE 1 SOUTHBOUND LANE AND TEMPORARY PAVEMENT MARKINGS TO REMAIN UNTIL END OF STAGE 2.1

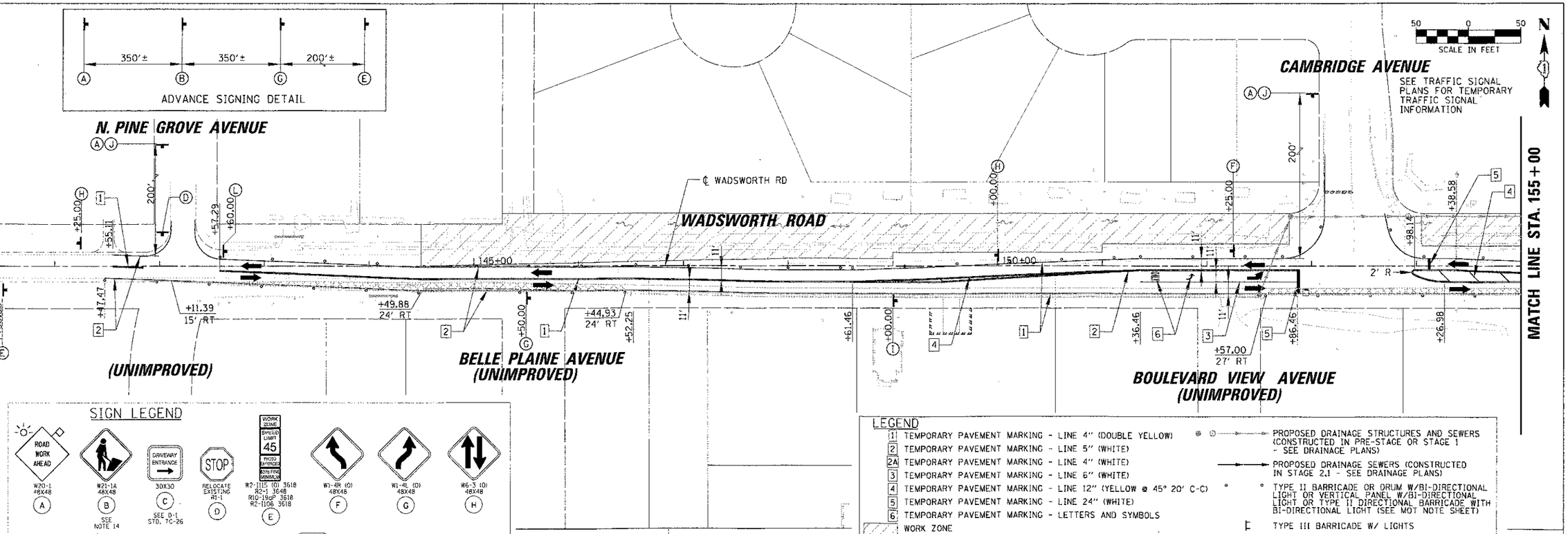


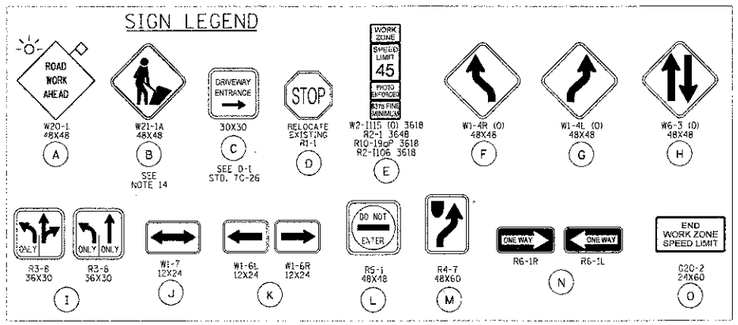
LEGEND

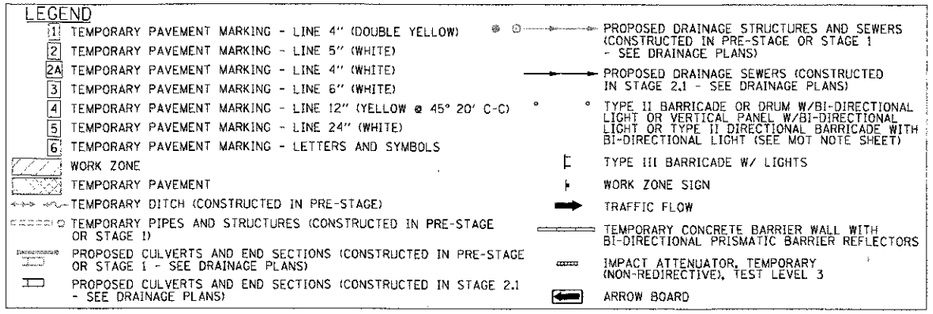
- 1 TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE)
- 2A TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW @ 45° 20' C-C)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
- 6 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DITCH (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY PIPES AND STRUCTURES (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY STRUCTURES (CONSTRUCTED IN STAGE 1)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN STAGE 1 - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN PRE-STAGE - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN STAGE 1 - SEE DRAINAGE PLANS)
- TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL PANEL W/BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH BI-DIRECTIONAL LIGHT (SEE MOT NOTE SHEET)
- TYPE III BARRICADE W/ LIGHTS
- WORK ZONE SIGN
- TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER WALL WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ARROW BOARD

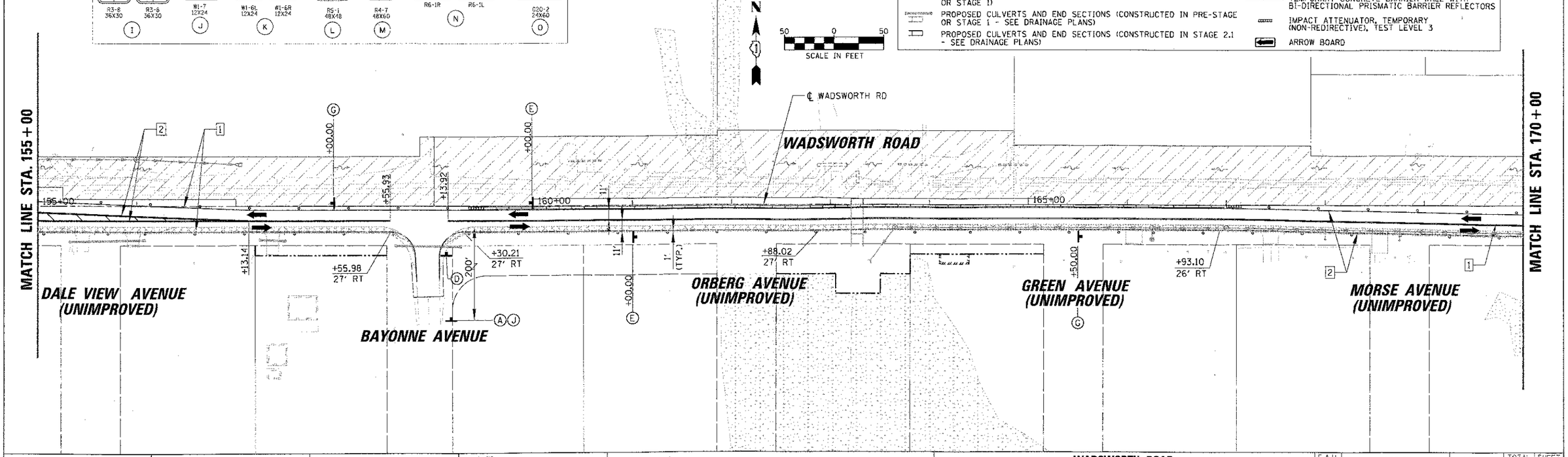
FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 131 (GREEN BAY ROAD) MAINTENANCE OF TRAFFIC - STAGE 2.1 STA. 224+00 TO STA. 232+00.66	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	02.SHT	DRAWN -	REVISED -			1209	03-00033-12-CH	LAKE	189	56
	PLOT SCALE = 50'	CHECKED -	REVISED -					CONTRACT NO. 63766		
	PLOT DATE - 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

ADVANCE SIGNING DETAIL









FILE NAME = N:\LCDOT\@4229\Civil\MOT_STAGE2.2_WADSWORTH_RD.S-T	USER NAME = pmarol	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5W'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

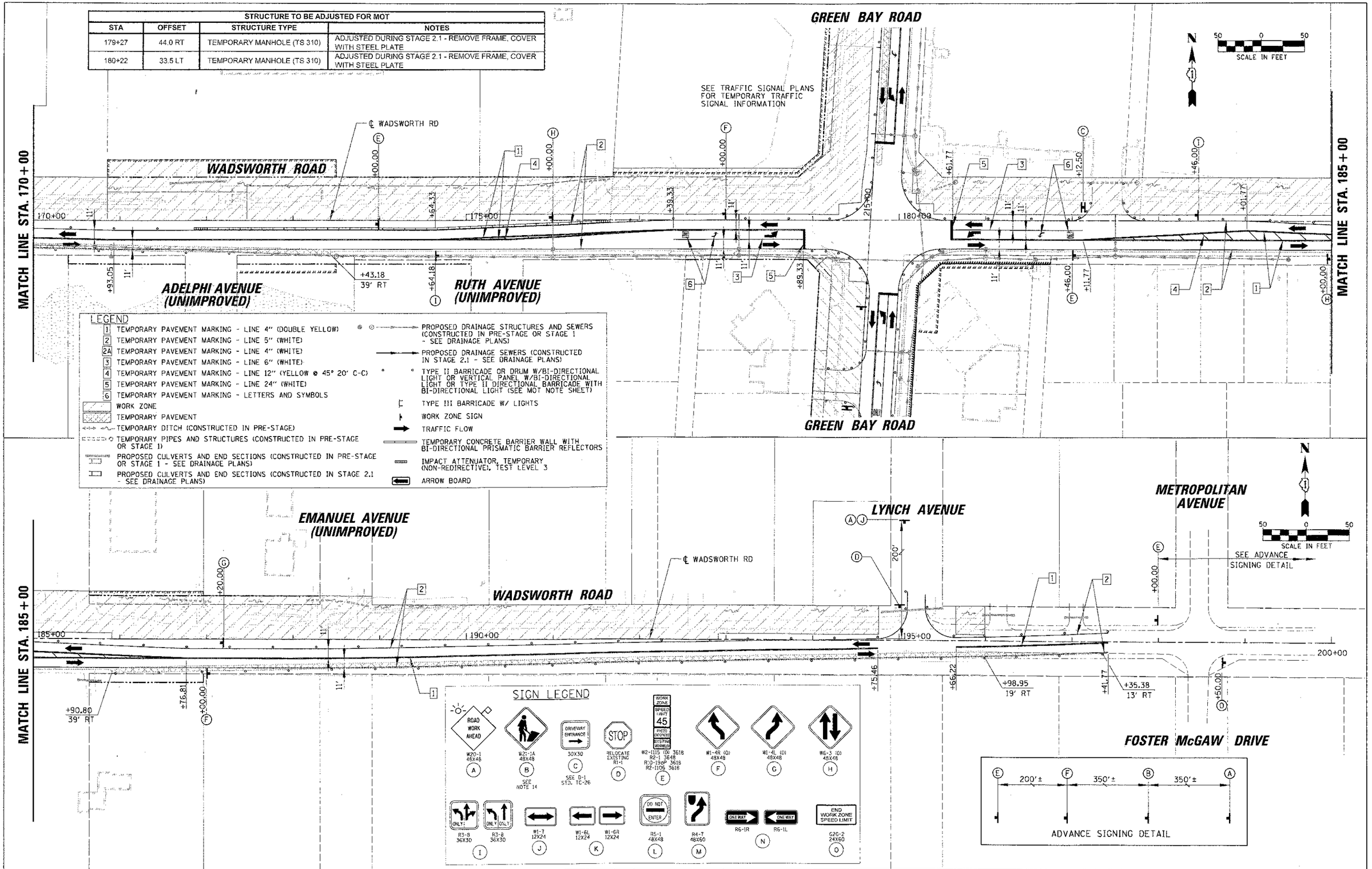
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
MAINTENANCE OF TRAFFIC – STAGE 2.2
STA. 140+76.25 TO STA. 170+00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	57
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

STRUCTURE TO BE ADJUSTED FOR MOT			
STA	OFFSET	STRUCTURE TYPE	NOTES
179+27	44.0 RT	TEMPORARY MANHOLE (TS 310)	ADJUSTED DURING STAGE 2.1 - REMOVE FRAME, COVER WITH STEEL PLATE
180+22	33.5 LT	TEMPORARY MANHOLE (TS 310)	ADJUSTED DURING STAGE 2.1 - REMOVE FRAME, COVER WITH STEEL PLATE



LEGEND

- 1 TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE)
- 2A TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW @ 45° 20' C-C)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
- 6 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DITCH (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY PIPES AND STRUCTURES (CONSTRUCTED IN PRE-STAGE OR STAGE 1)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN PRE-STAGE OR STAGE 1 - SEE DRAINAGE PLANS)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN STAGE 2.1 - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN PRE-STAGE OR STAGE 1 - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE SEWERS (CONSTRUCTED IN STAGE 2.1 - SEE DRAINAGE PLANS)
- TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL PANEL W/BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH BI-DIRECTIONAL LIGHT (SEE MOT NOTE SHEET)
- TYPE III BARRICADE W/ LIGHTS
- WORK ZONE SIGN
- TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER WALL WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ARROW BOARD

SIGN LEGEND

FILE NAME = N:\LCOG\T\04229\CIVIL\MOT_STAGE2.2_WADSWORTH_02.SHT	USER NAME = mrorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

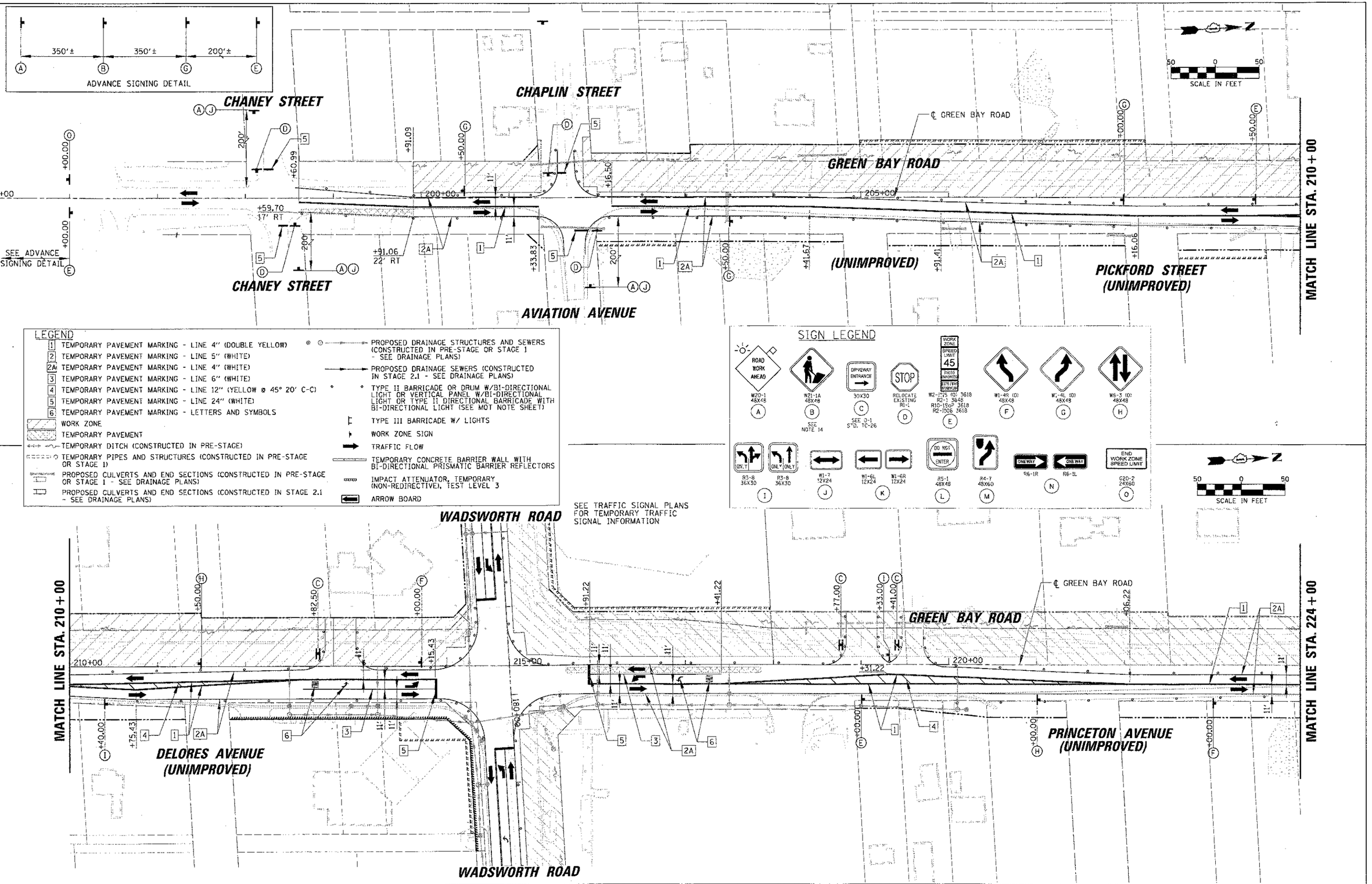
WADSWORTH ROAD
MAINTENCE OF TRAFFIC – STAGE 2.2
STA. 170+00 TO STA. 199+20

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	58

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



FILE NAME = N:\LDCOT\04229\Civil\MOT_STAGE2.2_RTE131_01.SHT	USER NAME = mmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

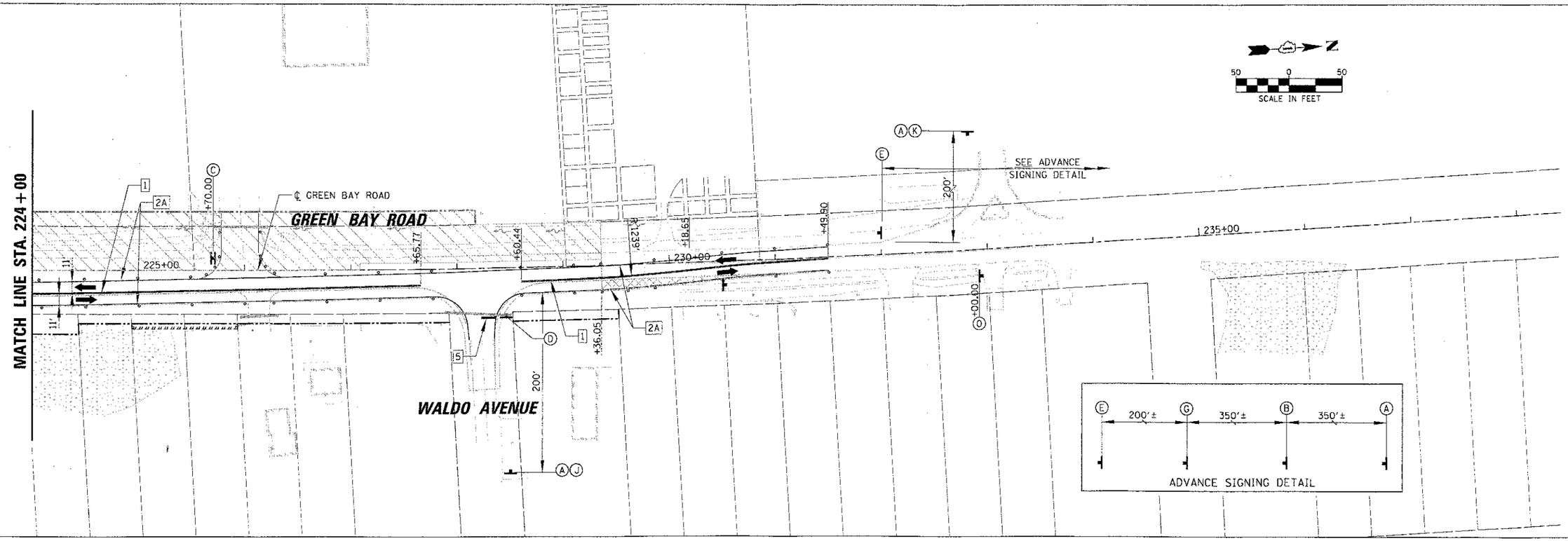
IL RTE 131 (GREEN BAY ROAD)
MAINTENANCE OF TRAFFIC - STAGE 2.2
STA. 196+27.20 TO STA. 224+00

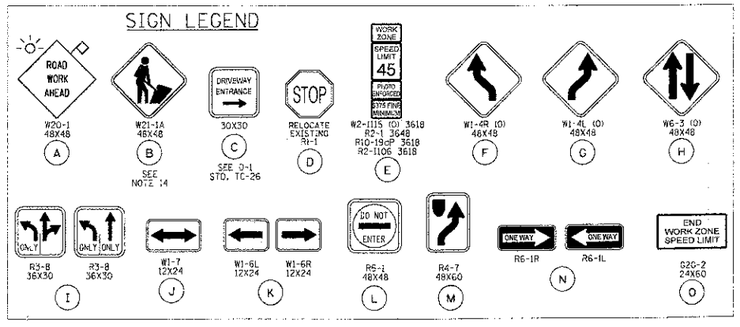
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	59

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT





LEGEND

- 1 TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE)
- 2A TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 12" (YELLOW @ 45° 20' C-C)
- 5 TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE)
- 6 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY DITCH (CONSTRUCTED IN PRE-STAGE)
- TEMPORARY PIPES AND STRUCTURES (CONSTRUCTED IN PRE-STAGE OR STAGE 1)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN PRE-STAGE OR STAGE 1 - SEE DRAINAGE PLANS)
- PROPOSED CULVERTS AND END SECTIONS (CONSTRUCTED IN STAGE 2.1 - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE STRUCTURES AND SEWERS (CONSTRUCTED IN PRE-STAGE OR STAGE 1 - SEE DRAINAGE PLANS)
- PROPOSED DRAINAGE SEWERS (CONSTRUCTED IN STAGE 2.1 - SEE DRAINAGE PLANS)
- TYPE II BARRICADE OR DRUM W/BI-DIRECTIONAL LIGHT OR VERTICAL PANEL W/BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH BI-DIRECTIONAL LIGHT (SEE MOT NOTE SHEET)
- TYPE III BARRICADE W/ LIGHTS
- WORK ZONE SIGN
- TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER WALL WITH BI-DIRECTIONAL PRISMATIC BARRIER REFLECTORS
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- ARROW BOARD

FILE NAME = N:\EDCTN\04229\Civil\MOT_STAGE2.2_RTE131.dgn	USER NAME = rmorel	DESIGNED -	REVISED -
	02.SHT	DRAWN -	REVISED -
	PLOT SCALE = 60'	CHECKED -	REVISED -
	PLOT DATE = 01/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

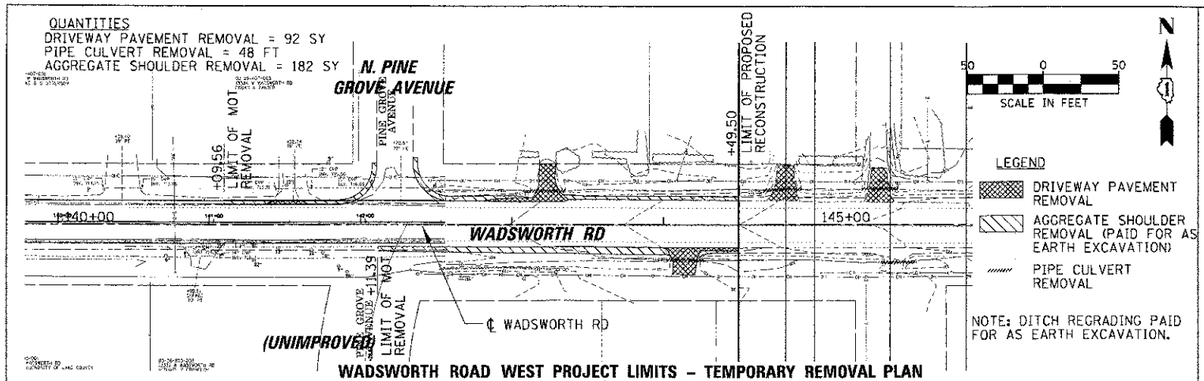
IL RTE 131 (GREEN BAY ROAD)
MAINTENANCE OF TRAFFIC – STAGE 2.2
STA. 224+00 TO STA. 232+00.66

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

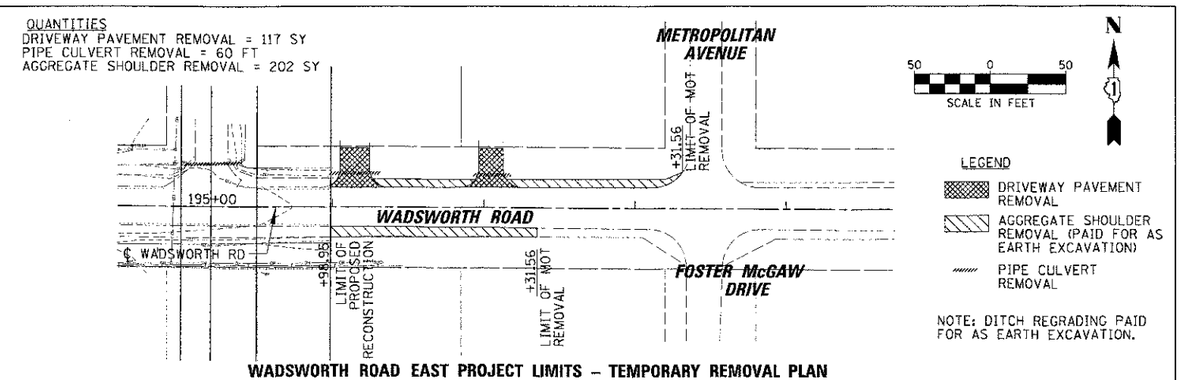
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	93-00033-12-CH	LAKE	189	60

CONTRACT NO. **63766**

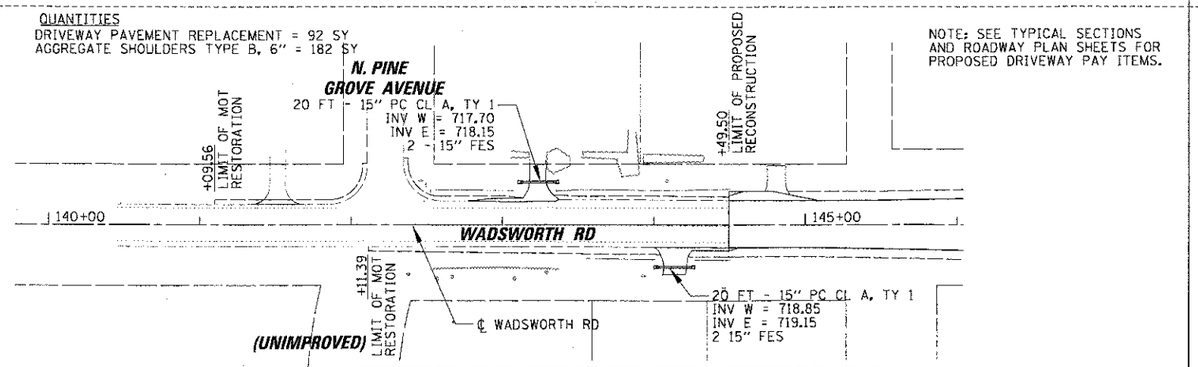
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



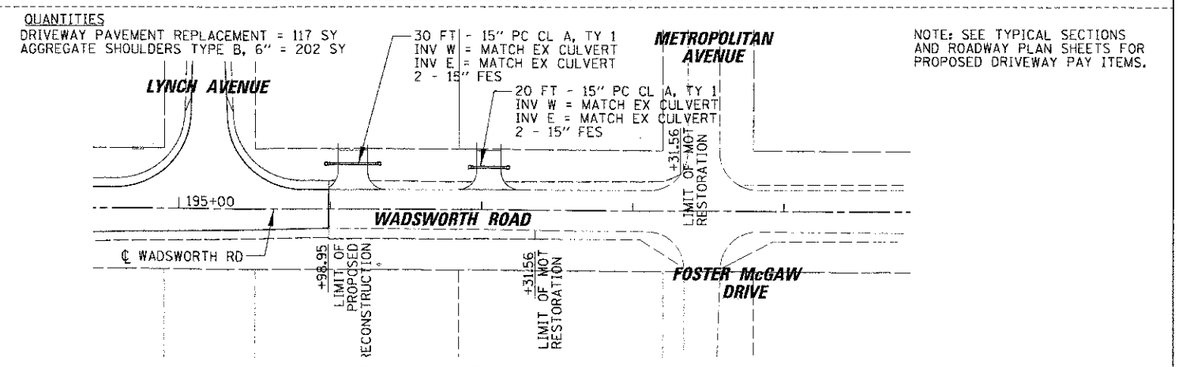
WADSWORTH ROAD WEST PROJECT LIMITS – TEMPORARY REMOVAL PLAN



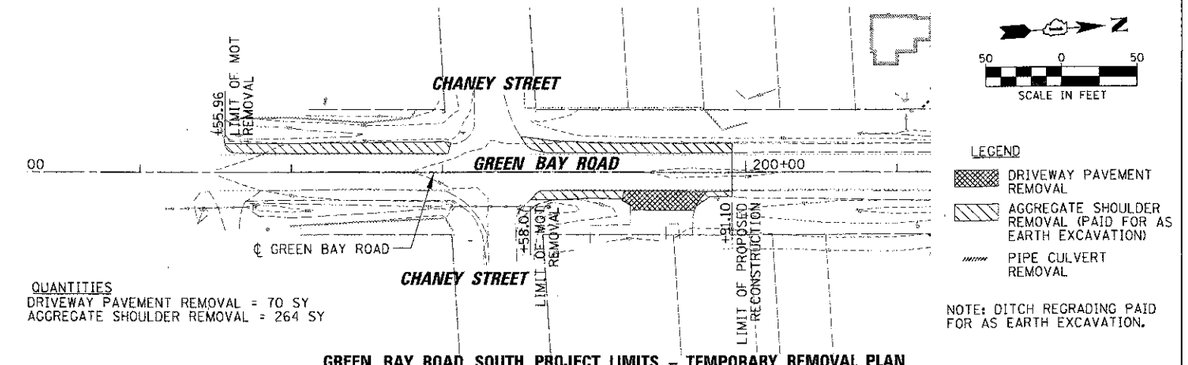
WADSWORTH ROAD EAST PROJECT LIMITS – TEMPORARY REMOVAL PLAN



WADSWORTH ROAD WEST PROJECT LIMITS – RESTORATION PLAN

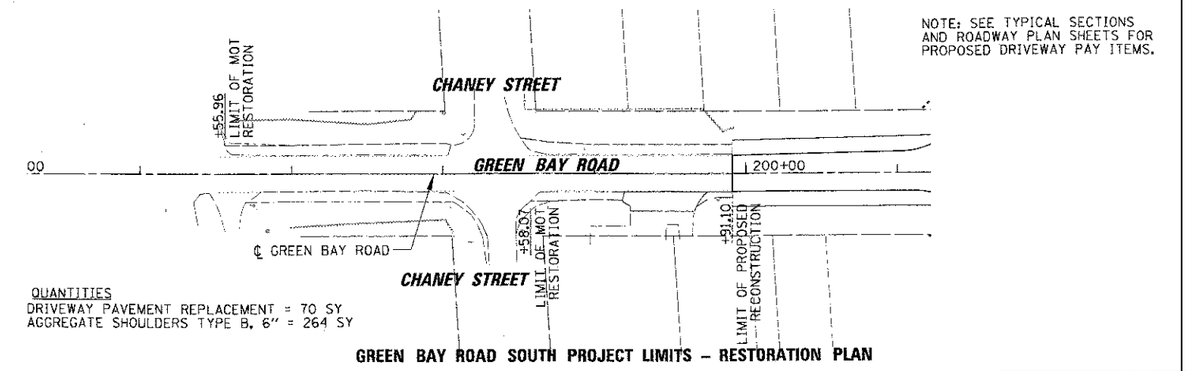


WADSWORTH ROAD EAST PROJECT LIMITS – RESTORATION PLAN

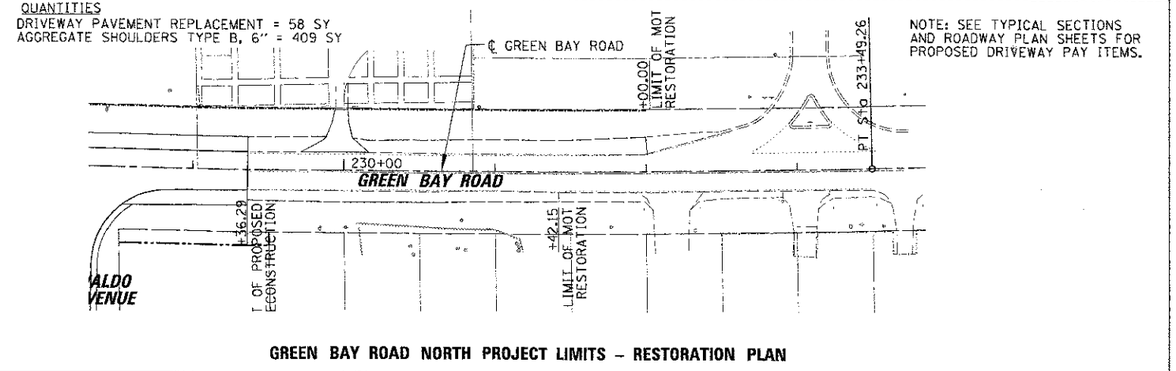


GREEN BAY ROAD SOUTH PROJECT LIMITS – TEMPORARY REMOVAL PLAN

GREEN BAY ROAD NORTH PROJECT LIMITS – TEMPORARY REMOVAL PLAN



GREEN BAY ROAD SOUTH PROJECT LIMITS – RESTORATION PLAN



GREEN BAY ROAD NORTH PROJECT LIMITS – TEMPORARY REMOVAL PLAN

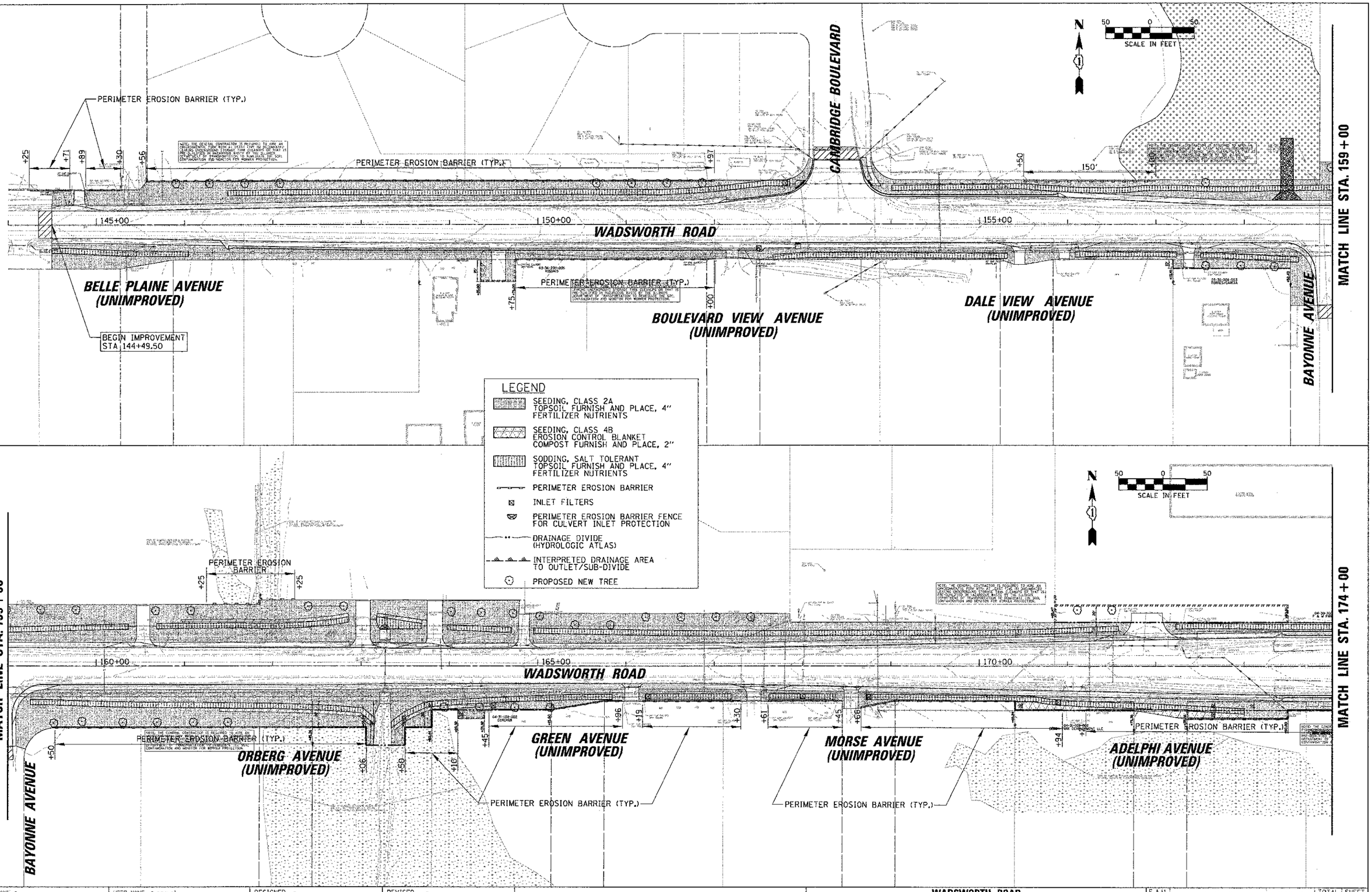
FILE NAME = N:\CDOT\E4229\Civil\SDS\SCALE_MOTPLAN.SH	USER NAME = mmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AND GREEN BAY ROAD
MAINTENANCE OF TRAFFIC – RESTORATION DETAILS
PROJECT LIMITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	61
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



FILE NAME = N:\CDOT\94229\C:v11\ERO_WADSWORTH_01.SHT	USER NAME = pnorel	DESIGNED -	REVISED -
		DRAWN -	REVISED
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

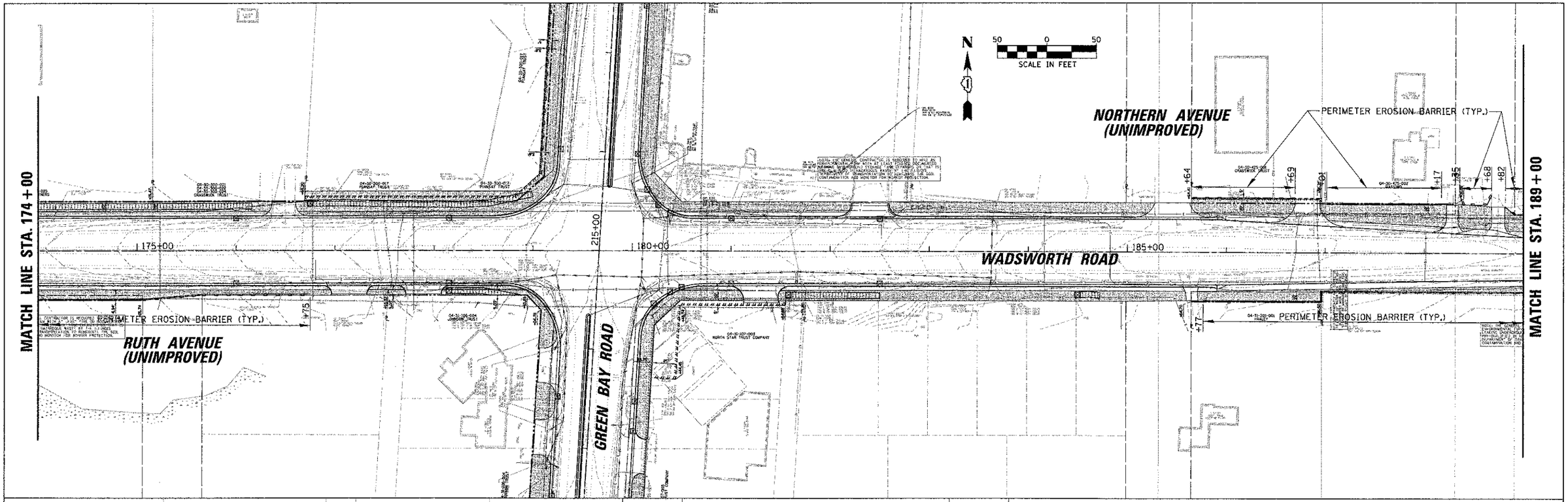
WADSWORTH ROAD
EROSION, SEDIMENT CONTROL, AND LANDSCAPING PLAN
STA. 144+49.50 TO STA. 174+00.00

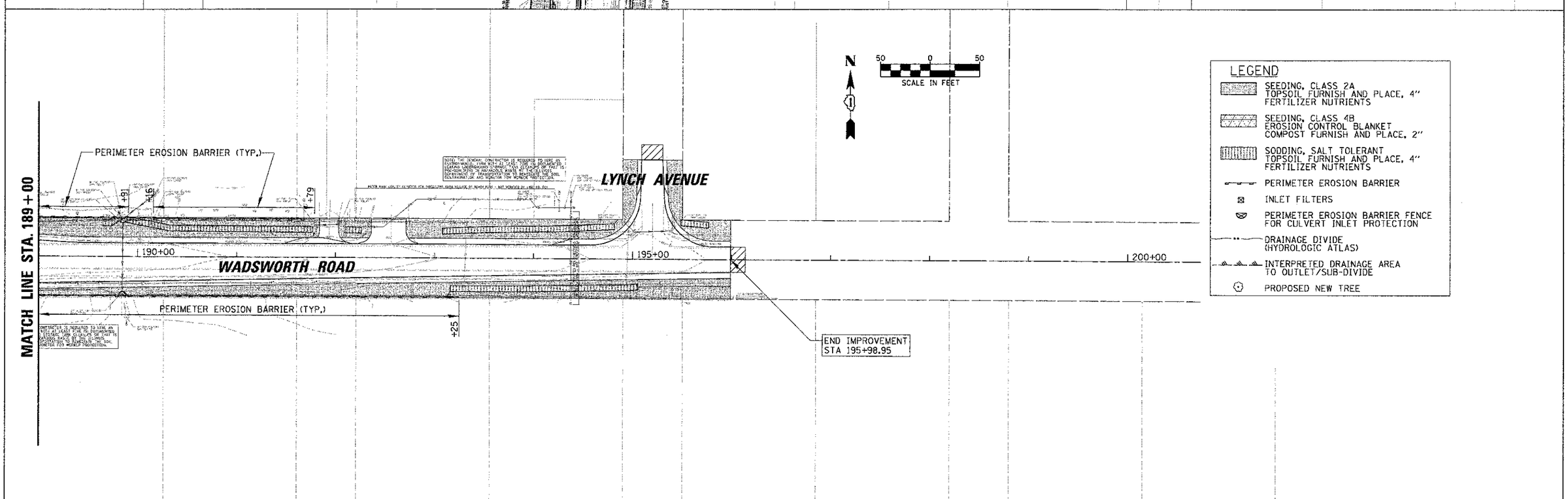
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	62

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT





FILE NAME = N:_CDOT\04229\Civil\ERO_WADSWORTH_02.SH	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

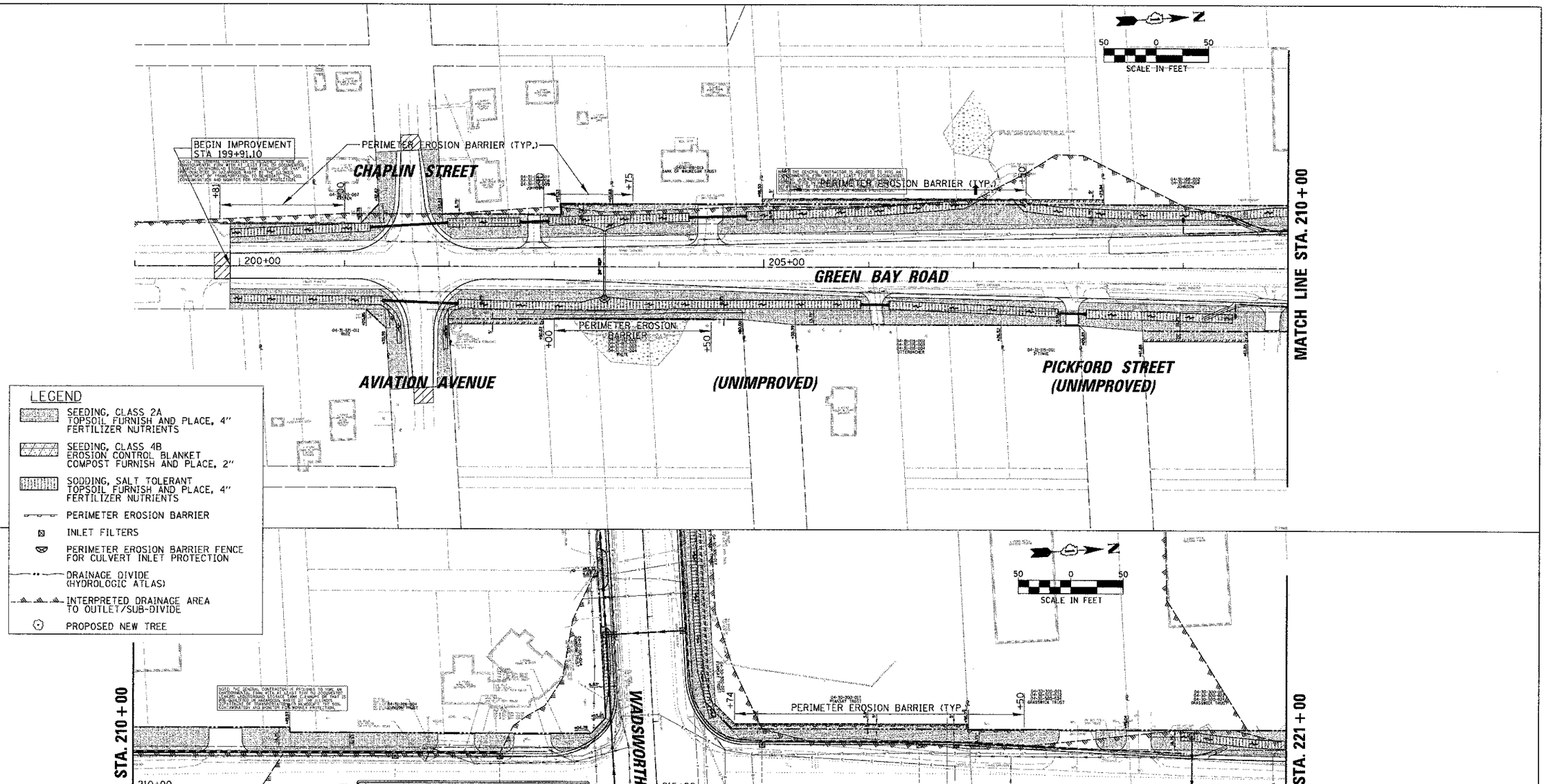
WADSWORTH ROAD
EROSION, SEDIMENT CONTROL, AND LANDSCAPING PLAN
STA. 144+51.43 TO STA. 195+98.95

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	63

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



FILE NAME = N:\LCDOT\84229\Civil\ERC_RTE131_01.SHT	USER NAME = rmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

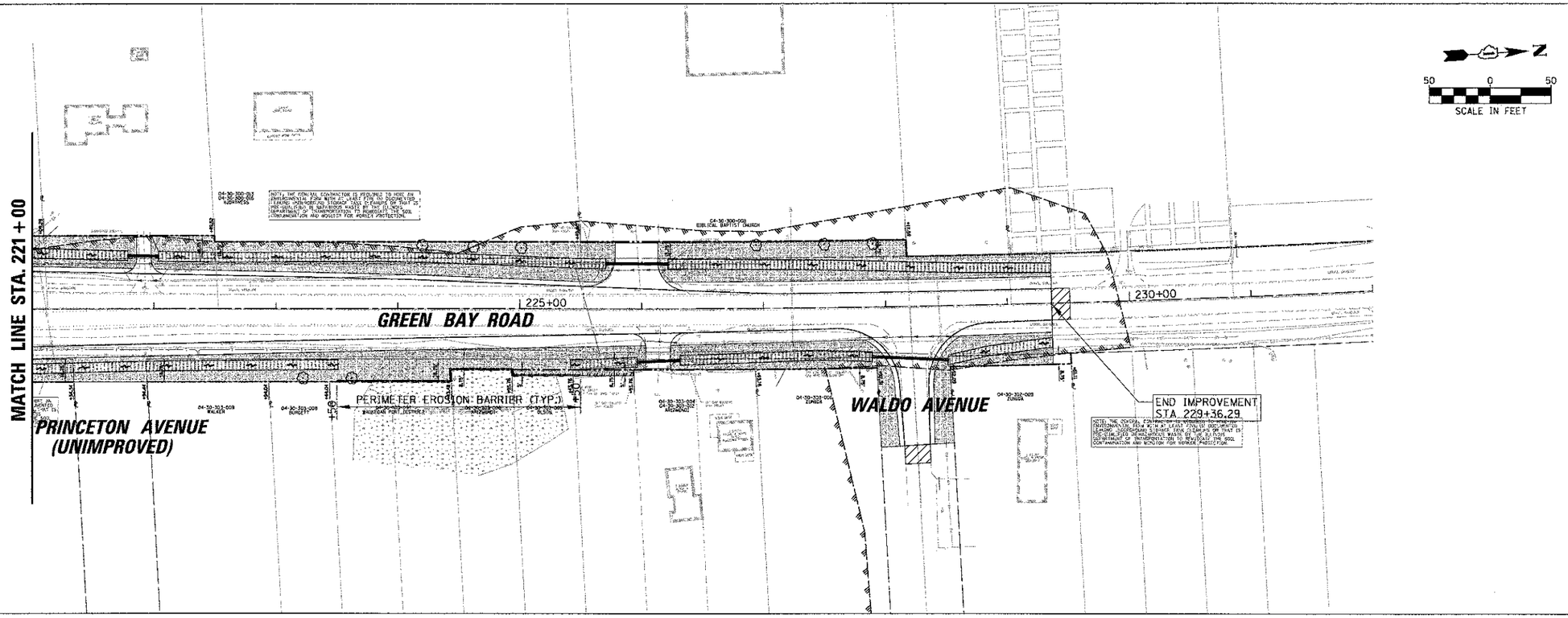
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
EROSION, SEDIMENT CONTROL, AND LANDSCAPING PLAN
STA. 199+91.10 TO STA. 210+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	64
		CONTRACT NO. **63766**		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



SEDIMENTATION AND EROSION CONTROL NOTES

A. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

C. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE.

D. AREAS OR ENBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3H:1V, AND APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE STABILIZED WITH SOD, MAT OR BLANKET IN COMBINATION WITH SEEDING.

E. EROSION CONTROL BLANKET SHALL BE REQUIRED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN NORMAL WATER LEVEL AND HIGH WATER LEVEL.

F. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

G. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

H. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.

I. A STABILIZED MAT OF AGGREGRATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

J. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF LAKE COUNTY.

K. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (e.g. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE.

L. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.

LEGEND

- SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 4" FERTILIZER NUTRIENTS
- SEEDING, CLASS 4B EROSION CONTROL BLANKET COMPOST FURNISH AND PLACE, 2"
- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4" FERTILIZER NUTRIENTS
- PERIMETER EROSION BARRIER
- INLET FILTERS
- PERIMETER EROSION BARRIER FENCE FOR CULVERT INLET PROTECTION
- DRAINAGE DIVIDE (HYDROLOGIC ATLAS)
- INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE
- PROPOSED NEW TREE

FILE NAME = M:\CADD\T\84229\C;v1\ERO_RTE131_02.SHT	USER NAME = mjarsl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
EROSION, SEDIMENT CONTROL, AND LANDSCAPING PLAN
STA. 221+00.00 TO STA. 229+36.29

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	65
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LEGEND

- SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 4" FERTILIZER NUTRIENTS
- SEEDING, CLASS 4B EROSION CONTROL BLANKET COMPOST FURNISH AND PLACE, 2"
- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4" FERTILIZER NUTRIENTS
- PERIMETER EROSION BARRIER
- INLET FILTERS
- PERIMETER EROSION BARRIER FENCE FOR CULVERT INLET PROTECTION
- DRAINAGE DIVIDE (HYDROLOGIC ATLAS)
- INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE
- PROPOSED NEW TREE

N

40 0 40
SCALE IN FEET

CAMBRIDGE BLVD.

WADSWORTH ROAD

155+00

160+00

HWL = 716.62
NWL = 710

PROPOSED COMPENSATORY STORAGE SITE

PROPOSED DETENTION SITE

STABILIZED CONSTRUCTION ENTRANCE

SEEDING, CLASS 4 (MODIFIED)
EROSION CONTROL BLANKET
COMPOST FURNISH AND PLACE, 2"

SEEDING, CLASS 4B
EROSION CONTROL BLANKET
COMPOST FURNISH AND PLACE, 2"

Seeding Class 4 (Modified)

Scientific Name	Common Name	OZ/ACRE
Allium cernuum	nodding wild onion	1
Andropogon gerardii	big bluestem grass	32
Andropogon scoparius	little bluestem grass	8
Aster laevis	smooth blue aster	1
Aster novae-angliae	New England aster	2
Bouteloua curtipendula	side-oats grama	8
Desmodium canadense	showy tick trefoil	1
Echinacea pallida	purple coneflower	8
Elymus canadensis	Canada wild rye	16
Eryngium yuccifolium	rattlesnake master	1
Heliopsis helianthoides	false sunflower	1
Liatris pycnostachya	prairie blazing star	2
Lobelia spicata	pale spiked lobelia	1
Monarda fistulosa	wild bergamot	1
Panicum virgatum	switch grass	8
Ratibida pinnata	yellow coneflower	8
Rudbeckia hirta	black-eyed susan	8
Silphium integrifolium	rosinweed	2
Solidago rigida	stiff goldenrod	2
Sorghastrum nutans	Indian grass	16
Tradescantia ohiensis	common spiderwort	1
TOTAL		**128**

NOTE: ALL COMPENSATORY STORAGE GRADING AND DETENTION GRADING SHALL BE DONE WITHIN THE STORMWATER MANAGEMENT AREA AND BLANKET DRAINAGE, STORMWATER MANAGEMENT, STORMWATER CONVEYANCE, AND DETENTION/RETENTION EASEMENT OF CAMBRIDGE AT HEATHERSTONE DEDICATED TO LAKE COUNTY AND THE VILLAGE OF BEACH PARK BY THE PLAT OF SUBDIVISION RECORDED AS DOCUMENT #4920124 ON MAY 7, 2002.

FILE NAME = N:\CIVIL\24229\Civil\ERO_DETENTION_01.SH	USER NAME = mrorul	DESIGNED -
		DRAWN -
	PLOT SCALE = 40'	CHECKED -
	PLOT DATE = 1/22/2013	DATE -

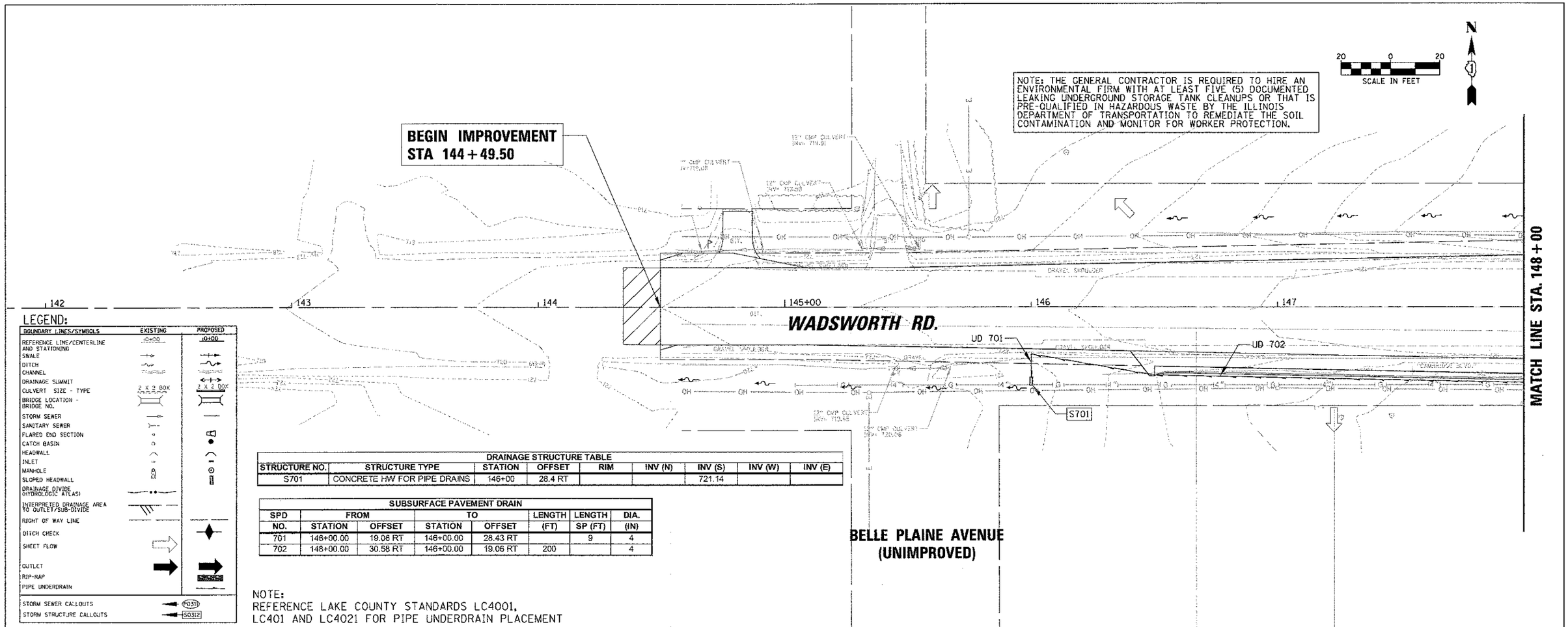
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETENTION & COMPENSATORY STORAGE SITES
EROSION, SEDIMENT CONTROL, AND LANDSCAPING PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	66
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	0+00	0+00
SWALE		
DITCH		
CHANNEL		
DRAINAGE SUMMIT		
CULVERT SIZE - TYPE	2 X 2 BOX	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.		
STORM SEWER		
SANITARY SEWER		
FLARED END SECTION		
CATCH BASIN		
HEADWALL		
INLET		
MANHOLE		
SLOPED HEADWALL		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
RIGHT OF WAY LINE		
DITCH CHECK		
SHEET FLOW		
OUTLET		
RIP-RAP		
PIPE UNDERDRAIN		
STORM SEWER CALLOUTS	P0311	
STORM STRUCTURE CALLOUTS	S0312	

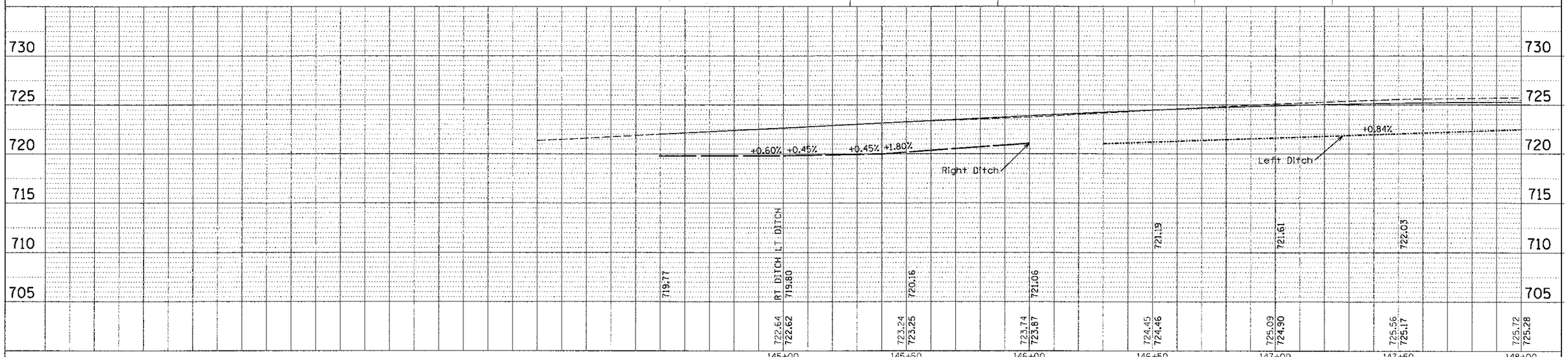
DRAINAGE STRUCTURE TABLE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S701	CONCRETE HW FOR PIPE DRAINS	146+00	28.4 RT			721.14		

SUBSURFACE PAVEMENT DRAIN

SPD	FROM		TO		LENGTH	LENGTH	DIA.
NO.	STATION	OFFSET	STATION	OFFSET	(FT)	SP (FT)	(IN)
701	146+00.00	19.06 RT	146+00.00	28.43 RT		9	4
702	148+00.00	30.58 RT	146+00.00	19.06 RT	200		4

NOTE:
REFERENCE LAKE COUNTY STANDARDS LC4001, LC401 AND LC4021 FOR PIPE UNDERDRAIN PLACEMENT



FILE NAME = N:\LCDOT\04229\Drain\DRN_WADSWORTH_01.SHT	USER NAME = rmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD DRAINAGE AND UTILITIES PLAN AND PROFILE STA. 144+49.50 TO STA. 148+00.00	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 67
		DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT SCALE = 20'	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
	PLOT DATE = 1/22/2013	DATE -	REVISED -							

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

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

DRAINAGE RIDGE LINE (TYP.)

SCALE IN FEET 20 0 20

N

CAMBRIDGE BLVD

MATCH LINE STA. 148+00

MATCH LINE STA. 154+00

WADSWORTH RD.

BOULEVARD VIEW AVENUE (UNIMPROVED)

UD 801

UD 802

S802

S803

S804

P801

P802

148 149 150+00 151 152 153

2 STORY ALUMINUM SIDE BUILDING #15.77

DRAINAGE STRUCTURE TABLE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S802	CB, TYPE A, 4', TYPE 24 F&G	152+50	27.0 RT	718.97	712.65			
S803	CB, TYPE A, 4', TYPE 8 GRATE	152+80	47.0 LT	716.50		711.85		711.75
S804	MH, TYPE A, 4', TYPE 1, CL	153+92	47.3 LT	716.50			711.45	711.35

PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P801	S802	S803	80	12	WATER MAIN QUALITY	1.00	24.8
P802	S803	S804	111	18	WATER MAIN QUALITY	0.27	27.0

SUBSURFACE PAVEMENT DRAIN

SPD NO.	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH (FT)	LENGTH SP (FT)	DIA. (IN)
801	148+00.00	30.58 RT	152+50.00	30.58 RT	450		4
802	152+13.46	27.93 LT	152+78.71	46.84 LT	75		4

VPI STA. 148+54.00
ELEVATION 727.05

+0.84% -0.55% -0.55% -1.59% -1.59% -1.93% -1.93% -0.63% -3.64% -1.98% -1.98% -2.00%

Left Ditch

Right Ditch

14' 18" RCCP @ 0.26%

INV=711.75

INV=711.45

INV=711.35

725 720 715 710 705 700

722.45 RT DITCH 722.52 722.25 721.97 721.18 720.38 719.59 718.62 717.66 716.69 718.12 716.30 715.31

725.72 725.28 725.78 725.22 725.32 724.99 724.89 724.60 724.08 724.05 723.07 723.33 722.10 722.44 721.04 721.51 720.15 720.57 719.25 719.63 718.35 718.70 717.53 717.76 716.66 716.82

148+00 148+50 149+00 149+50 150+00 150+50 151+00 151+50 152+00 152+50 153+00 153+50 154+00

FILE NAME = N:\CDOT\64229\Drain\DRN_WADSWORTH_02.SH	USER NAME = anna-el	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 148+00.00 TO STA. 154+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	68
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			

PLAN — SURVEYED — BY — DATE
PROFILE — PLOTTED — CHECKED — NOTE BOOK — NO. — STRUCTURE NO.(S) PROJECT NO. — DRAWING CHECKED — DRAWING REVIEWED

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

SCALE IN FEET: 20 0 20

N

MATCH LINE STA. 154+00

MATCH LINE STA. 160+00

DRAINAGE RIDGE LINE (TYP.)

WADSWORTH RD.

DALE VIEW AVENUE (UNIMPROVED)

BAYONNE AVENUE

UD 901

UD 902

P901 P903 P904 P905 P906

S901 S902 S903 S905 S906 S907 S908 S909 S910

154 155+00 156 157 158 159

PLAN — SURVEYED — DRAWN — ALIGNED — CHECKED — R/W CHECKED — QUANTITIES CHECKED — R.M. NOTED — STRUCTURE NAMES CHKD — CADD FILE NAME — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — DRAWN — ALIGNED — CHECKED — QUANTITIES CHECKED — R.M. NOTED — STRUCTURE NAMES CHKD — NOTE BOOK — NO. — BY — DATE

DRAINAGE STRUCTURE TABLE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S901	FLARED END SECTION, 23"x14"	155+35	36.1 RT	-				711.97
S902	FLARED END SECTION, 23"x14"	156+05	34.5 RT	-			711.26	
S903	CONCRETE HW FOR PIPE DRAINS	158+00	32.3 RT	-		708.70		
S905	FLARED END SECTION, 18"x11"	157+27	34.3 RT	-				710.03
S906	FLARED END SECTION, 18"x11"	157+47	35.0 RT	-			709.83	
S907	FLARED END SECTION, 18"	158+23	40.1 RT	-				707.69
S908	FLARED END SECTION, 18"	159+23	40.9 RT	-			707.44	
S909	MH, TYPE A, 4', TYPE 1, CL - RD	156+00	47.3 LT	713.40			709.60	709.50
S910	FLARED END SECTION, 18"	157+00	42.0 LT	-			709.15	

CULVERT SCHEDULE

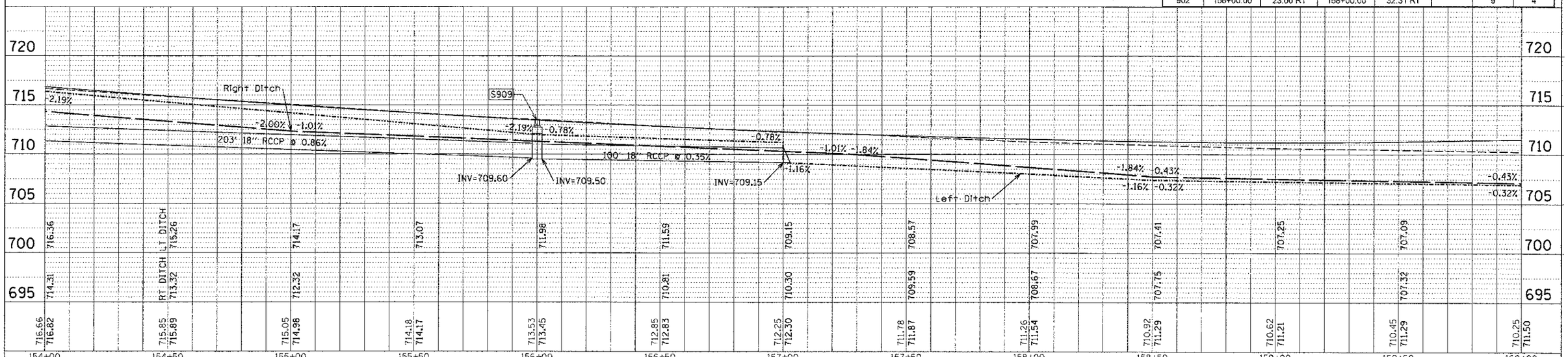
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P901	S901	S902	70	23x14	PCE CLASS A TYPE 1	1.01	7.4
P903	S905	S906	20	18x11	PCE CLASS A TYPE 1	0.00	2.4
P904	S907	S908	60	18	PC CLASS A TYPE 1	0.35	6.3

PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P905	S804	S909	208	18	WATER MAIN QUALITY	0.85	0.0
P906	S909	S910	100	18	WATER MAIN QUALITY	0.35	0.0

SUBSURFACE PAVEMENT DRAIN

SPD NO.	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH (FT)	LENGTH SP (FT)	DIA. (IN)
901	155+00.00	23.00 RT	158+00.00	23.00 RT	300		4
902	158+00.00	23.00 RT	158+00.00	32.31 RT		9	4



FILE NAME =	USER NAME = rmoral	DESIGNED -	REVISED -
N:\LCDOT\E4229\Drain\DRN_WADSWORTH_03.SH		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 154+00.00 TO STA. 160+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	69
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

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

20 0 20
SCALE IN FEET

N

MATCH LINE STA. 160 + 00

MATCH LINE STA. 166 + 00

DRAINAGE RIDGE LINE (TYP.)

3' H X 12' W RCBC
U/S INV = 705.95
D/S INV = 705.75

S1003 S1004 S1005 S1006 S1007 S1008 S1009 S1010 S1012 S1013 S1014 S1001 S1002

P1003 P1004 P1005 P1006 P1008 P1001 P1002

160+00 161 162 163 164 165+00

WADSWORTH RD.

ORBERG AVENUE (UNIMPROVED)

GREEN AVENUE (UNIMPROVED)

DRAINAGE STRUCTURE TABLE

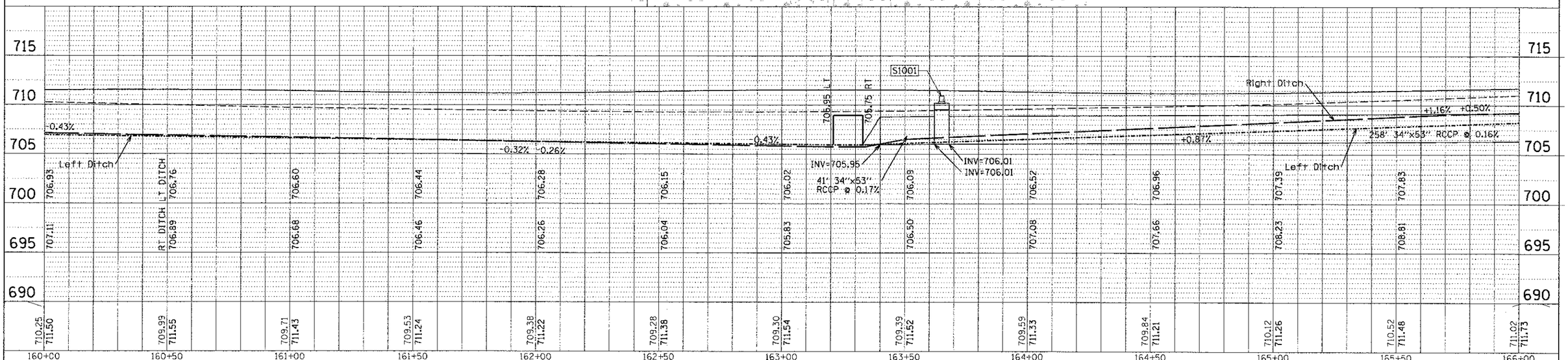
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S1001	MH, TYPE A, 6', TYPE 1, CL	163+65	23.0 RT	710.94			706.01	706.01
S1002	FLARED END SECTION, 42"	163+40	57.0 RT	-				705.95
S1003	FLARED END SECTION, 36"	160+40	44.9 LT	-				706.80
S1004	FLARED END SECTION, 36"	160+65	45.3 LT	-			706.72	
S1005	FLARED END SECTION, 36"	162+89.5	53.0 LT	-				706.19
S1006	FLARED END SECTION, 36"	163+14	53.0 LT	-			706.16	
S1007	FLARED END SECTION, 36"	163+72	45.3 LT	-				706.47
S1008	FLARED END SECTION, 36"	163+94	44.2 LT	-			706.65	
S1009	FLARED END SECTION, 30"	164+74	40.9 LT	-				707.31
S1010	FLARED END SECTION, 30"	164+92	40.3 LT	-			706.46	
S1012	CONCRETE HW, 120x36	163+27	30.0 LT	-	705.95			
S1013	CONCRETE HW, 120x36	163+27	30.0 RT	-		705.75		
S1014	FLARED END SECTION, 12"	163+28	61.5 LT	-		705.95		

CULVERT SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P1003	S1003	S1004	25	36	WATER MAIN QUALITY	0.32	4.2
P1004	S1005	S1006	25	36	WATER MAIN QUALITY	0.12	4.2
P1005	S1008	S1007	22	36	WATER MAIN QUALITY	0.82	3.7
P1006	S1010	S1009	18	30	WATER MAIN QUALITY	0.83	2.0

PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P1001	S1101	S1001	258	34x53	SS CLASS A TYPE 1	0.16	143.2
P1002	S1001	S1002	41	34x53	SS CLASS A TYPE 1	0.17	0.0



FILE NAME = N:\LCDOT\0422$\D-ain\DRN_WADSWORTH_04.SH	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 160 + 00.00 TO STA. 166 + 00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	70

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, NOTE BOOK, CARD FILE NAME, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., STRUCTURE NOTATING CHKD, BY, DATE

PIPE SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P1101	S1110	S1109	72	29x45	SS CLASS A TYPE 1	0.50	15.6
P1102	S1201	S1102	259	29x45	SS CLASS A TYPE 2	1.51	83.5
P1103	S1103	S1101	11	12	SS CLASS A TYPE 1	2.00	1.0
P1104	S1104	S1109	6	12	SS CLASS A TYPE 1	2.00	1.0
P1105	S1105	S1110	9	12	SS CLASS A TYPE 1	2.00	1.0
P1106	S1106	S1102	10	12	SS CLASS A TYPE 1	1.00	1.0
P1107	S1109	S1101	172	34x53	SS CLASS A TYPE 1	0.22	74.0
P1108	S1102	S1110	214	29x45	SS CLASS A TYPE 1	0.50	50.7

SUBSURFACE PAVEMENT DRAIN							
SPD NO.	FROM		TO		LENGTH (FT)	LENGTH SP (FT)	DIA. (IN)
	STATION	OFFSET	STATION	OFFSET			
1101	170+50.00	28.00 RT	166+25.00	23.00 RT	425		4
1102	171+00.00	30.18 LT	168+50.00	25.18 LT	250		4
1103	168+50.00	25.18 LT	168+50.00	33.66 LT		9	4

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

SCALE IN FEET 20 0 20

N

MATCH LINE STA. 166+00

MATCH LINE STA. 172+00

12"X10" DUCTILE IRON TEE STA. 169+04.5, OFF. 40.5' LT

PVC WATER MAIN 12", 29.5 LF

VALVE VAULT, TYPE A, 6' DIA. TYPE 1 FRAME, CL W/12" VALVE STA. 167+05 OFF. 36.5' LT

VALVE VAULT TYPE A, 6' DIA. TYPE 1 FRAME CL W/12" VALVE STA. 168+75, OFF. 40.5' LT

PVC WATER MAIN 12", 37 LF

RELOCATED FIRE HYDRANT W/AUX. VALVE BOX STA. 169+41.5, OFF. 45' LT

PVC WATER MAIN 12", 32 LF

PVC WATER MAIN 12", 120 LF

PVC WATER MAIN 12" 302.5 LF, 42 CY TBF

11.25° DUCTILE IRON BEND STA. 167+37 OFF. 36.5' LT

11.25° DUCTILE IRON BEND STA. 167+55, OFF. 40.5' LT

PVC WATER MAIN 12", 18.5 LF

UD 1103

UD 1102

VALVE TO BE REMOVED

12"x12"x6" DUCTILE IRON TEE STA. 169+41.5, OFF. 40.5' LT

WADSWORTH RD.

UD 1101

MORSE AVENUE (UNIMPROVED)

DRAINAGE RIDGE LINE (TYP.)

ADELPHI AVENUE (UNIMPROVED)

DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S1101	MH, TYPE A, 6', TYPE 1, CL	166+25	23.0 RT	711.34		706.66	706.42	706.52
S1102	MH, TYPE A, 5', TYPE 1, CL	170+90	30.0 RT	715.74		709.70	708.90	709.00
S1103	CB, TYPE A, 4', TYPE 8 GRATE	166+25	34.5 RT	709.35	706.88			
S1104	CB, TYPE A, 4', TYPE 8 GRATE	168+00	31.2 RT	711.27	707.67			
S1105	CB, TYPE A, 4', TYPE 8 GRATE	168+75	35.2 RT	711.65	708.11			
S1106	CB, TYPE A, 4', TYPE 8 GRATE	170+90	41.1 RT	713.81	709.80			
S1107	CONCRETE HW FOR PIPE DRAINS	168+50	33.7 LT	-	710.50			
S1108	FLARED END SECTION, 18"	171+61	42.9 LT	-				715.14
S1109	MH, TYPE A, 6', TYPE 1, CL	168+00	24.8 RT	712.20		707.55	706.90	707.39
S1110	MH, TYPE A, 5', TYPE 1, CL	168+75	26.1 RT	712.82		707.93	707.75	707.85
S1111	CONCRETE HW FOR PIPE DRAINS	169+50	45.0 LT					714.45

CULVERT SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P1110	S1207	S1108	58	18	WATER MAIN QUALITY	0.00	5.0

PROFILE

720 / 715 / 710 / 705 / 700 / 695

S1101 INV=706.52 INV=706.42 +0.87% 172' 34"x53" RCCP @ 0.22% 11.5° BENDS

RT DITCH 709.47 LT DITCH 708.70

Right Ditch Left Ditch

S1109 INV=706.90 INV=707.39 PROP. PVC WATER MAIN

VALVE VAULT, TY. A +1.22% +1.58% +0.81% +1.79% 72' 29"x45" RCCP @ 0.50%

S1110 INV=707.75 INV=707.85

RELOCATED FIRE HYDRANT +1.79% +1.72% 214' 29"x45" RCCP @ 0.50%

S1102 INV=708.90 INV=709.00 PROP. PVC WATER MAIN +1.72% +0.68% -1.28% +0.68% +0.90% -1.28% +1.00% +1.00% 259' 36" RCCP @ 1.50%

	166+00	166+50	167+00	167+50	168+00	168+50	169+00	169+50	170+00	170+50	171+00	171+50	172+00
	708.26												
	711.02 / 711.73												
		RT DITCH 709.47 / LT DITCH 708.70											
		711.54 / 711.98											
			709.13 / 709.72										
			712.09 / 712.23										
				709.57									
				712.62 / 712.48									
					710.00 / 710.73								
					713.16 / 712.75								
						710.44							
						713.70 / 713.15							
							711.33 / 711.95						
							714.29 / 713.70						
								712.23 / 712.74					
								714.89 / 714.38					
									713.12 / 713.53				
									715.44 / 715.08				
										713.98 / 714.32			
										716.03 / 715.78			
											714.32 / 713.91		
											716.56 / 716.48		
												714.77 / 714.41	
												717.07 / 717.18	
													717.58 / 717.88

FILE NAME = N:\CDOT\24229\Design\DRN_WADSWORTH_05.SHT	USER NAME = mperel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 166+00.00 TO STA. 172+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	71
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

PIPE SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P1201	S1202	S1210	75	12	WATER MAIN QUALITY	0.47	9.3
P1202	S1203	S1204	66	12	WATER MAIN QUALITY	0.45	21.1
P1203	S1204	S1205	9	12	SS CLASS A TYPE 2	0.67	3.1
P1204	S1208	S1209	98	12	SS CLASS A TYPE 1	0.20	8.4
P1205	S1303	S1205	215	36	SS CLASS A TYPE 2	1.37	94.0
P1206	S1205	S1201	250	36	SS CLASS A TYPE 2	1.18	0.0
P1207	S1210	S1203	9	12	SS CLASS A TYPE 2	0.56	1.4

SUBSURFACE PAVEMENT DRAIN							
SPD NO.	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH (FT)	LENGTH SP (FT)	DIA. (IN)
1201	172+50.00	33.18 LT	172+50.00	41.79 LT		9	4
1202	176+00.00	36.58 LT	172+50.00	33.18 LT	350		4
1203	176+75.00	36.58 LT	176+75.00	47.96 LT		11	4
1204	178+15.00	36.58 LT	176+75.00	36.58 LT	140		4

20 0 20
SCALE IN FEET

N

MATCH LINE STA. 172+00

MATCH LINE STA. 178+00

DRAINAGE RIDGE LINE (TYP.)

S1207 S1208 S1206 S1201 S1209 S1210 S1203 S1204 S1205 S1202

P1201 P1202 P1203 P1204 P1205 P1206 P1207

11.25° DUCTILE IRON BEND STA. 172+44, OFF. 41' LT

11.25° DUCTILE IRON BEND STA. 172+62, OFF. 37' LT

EXPLORATION TRENCH

UD 1201 UD 1202 UD 1203 UD 1204

PVC WATER MAIN 12", 18.5 LF

PVC WATER MAIN 12", 8.0 LF

VALVE VAULT TYPE A, 6' DIA. TYPE 1 FRAME, CL W/12" VALVE STA. 172+70 OFF 37.4' LT

EXPLORATION TRENCH

WADSWORTH RD.

RUTH AVENUE (UNIMPROVED)

2 - 45° DUCTILE IRON BENDS STA. & OFF. TO BE DETERMINED

PVC WATER MAIN 8", 40.0 LF (NEED FOR RELOCATION TO BE VERIFIED IN THE FIELD)

2 - 45° DUCTILE IRON BENDS STA. & OFF. TO BE DETERMINED

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

DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S1201	MH, TYPE A, 5', TYPE 1, CL	173+50	41.0 RT	719.70			712.90	713.00
S1202	CB, TYPE A, 4', TYPE 8 GRATE	176+75	46.0 LT	722.28			718.00	
S1203	CB, TYPE A, 4', TYPE 24 F&G	176+00	33.0 LT	722.82	717.50	717.40		
S1204	CB, TYPE A, 4', TYPE 24 F&G	176+00	33.0 RT	722.82	717.10	717.10		
S1205	MH, TYPE A, 5', TYPE 1, CL	176+00	42.2 RT	722.90	717.04		715.95	716.25
S1206	CONCRETE HW FOR PIPE DRAINS	172+50	41.8 LT	-	715.70			
S1207	FLARED END SECTION, 18"	172+19	45.1 LT	-			715.14	
S1208	INLET, TYPE A, TYPE 8 GRATE	172+45	49.0 LT	715.59		714.80		
S1209	INLET, TYPE A, TYPE 8 GRATE	172+45	49.0 RT	715.11	714.60			
S1210	MH, TYPE A, 4', TYPE 1, CL	176+00	42.2 LT	722.75		717.55		717.65

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

725 720 715 710 705 700

VALVE VAULT, TY. A

S1201 S1205

+0.50% Right Ditch +0.90% +2.36% +2.36% +4.08% +4.08% +1.40% Left Ditch

259' 36" RCCP @ 1.50%

250' 36" RCCP @ 1.18%

215' 36" RCCP @ 1.37%

+1.40% +2.28% +2.28% Left Ditch

INV=712.90 INV=713.00 INV=715.95 INV=716.25 INV=717.04

PROP. PVC WATER MAIN 11.5° BENDS EX. WATER MAIN

RT DITCH LT DITCH 715.68 RT DITCH 715.16 716.86 718.90 719.60 720.30 721.00 721.70 722.40 722.85 723.98

714.91 715.41

717.58 717.88 718.16 718.58 718.70 719.28 719.28 719.98 719.89 720.68 720.59 721.38 721.28 722.08 722.18 722.78 723.07 723.48 724.01 724.18 724.92 724.91 725.68 725.74 726.63 726.68

172+00 172+50 173+00 173+50 174+00 174+50 175+00 175+50 176+00 176+50 177+00 177+50 178+00

FILE NAME = N:\LCDOT\04229\Drain\ERN_WADSWORTH_P6.5=	USER NAME = rmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 22'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 172+00.00 TO STA. 178+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	72

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT

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

DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S1301	CB, TYPE A, 4', TYPE 24 F&G	178+15	33.0 LT	726.22		721.80		
S1302	CB, TYPE A, 4', TYPE 24 F&G	178+15	33.0 RT	726.22	721.50	721.40		
S1303	CB, TYPE A, 5', TYPE 8 GRATE	178+15	40.6 RT	726.75	721.35		719.20	719.30
S1304	CB, TYPE A, 4', TYPE 24 F&G	180+15	62.0 LT	728.87				724.80
S1305	CB, TYPE A, 4', TYPE 24 F&G	181+00	33.0 LT	729.10			725.10	
S1306	CB, TYPE A, 4', TYPE 24 F&G	180+38	38.3 LT	728.78			724.70	724.80
S1307	CB, TYPE A, 4', TYPE 24 F&G	180+26	46.7 LT	728.69			724.35	724.60
S1308	CB, TYPE A, 4', TYPE 24 F&G	180+22	53.2 RT	729.02				724.77
S1309	CB, TYPE A, 4', TYPE 24 F&G	181+00	33.0 RT	729.10		724.85		
S1310	CB, TYPE A, 4', TYPE 24 F&G	180+50	36.6 RT	728.92		725.40		
S1311	MH, TYPE A, 5', TYPE 24 F&G	180+38	41.6 RT	728.87	725.30	724.53	723.27	723.37

N

SCALE IN FEET 20 0 20

MATCH LINE STA. 178+00

MATCH LINE STA. 184+00

GREEN BAY ROAD

WADSWORTH RD.

ALLEY (UNIMPROVED)

DRAINAGE RIDGE LINE (TYP.)

VALVE VAULT TYPE A, 6' DIA., TYPE 1 FRAME, CL W/16" VALVE STA. 180+08.6, OFF. 107.8' LT

PVC WATER MAIN 16", 11.0 LF, 9 CY TBF

PVC WATER MAIN 6", 13.0 LF, 5 CY TBF

45° DUCTILE IRON BEND STA. 180+08.0, OFF. 98.0' LT

16"x16"x6" DUCTILE IRON TEE STA. 180+67.5, OFF. 95.8' LT

PVC WATER MAIN 16", 5.0 LF, 4 CY TBF

2 - 45° DUCTILE IRON BENDS STA. 180+06.0, OFF. 90.2' LT

PVC WATER MAIN 16", 8.0 LF, 2 CY TBF

16"x16"x12" DUCTILE IRON TEE STA. 180+14.0, OFF. 85.4' LT

22.5° DUCTILE IRON BEND STA. 180+12.5, OFF. 82.0' LT

PVC WATER MAIN 12", 4 LF

RELOCATED FIRE HYDRANT W/AUX. VALVE BOX STA. 180+21.3, OFF. 95' LT

45° DUCTILE IRON BEND STA. 180+33.0, OFF. 63.3' LT

PVC WATER MAIN 16", 7.1 LF

45° DUCTILE IRON BEND STA. 180+39.0, OFF. 57' LT

45° DUCTILE IRON BEND STA. 180+48.4, OFF. 47' LT

16"x16"x12" DUCTILE IRON TEE STA. 180+75.7 OFF. 47.0' LT

PVC WATER MAIN 16", 27.0 LF

VALVE VAULT TYPE A, 6' DIA., TYPE 1 FRAME, CL W/16" VALVE STA. 180+85.0, OFF. 47.0' LT

PVC WATER MAIN 16", 15.0 LF

22.5° DUCTILE IRON BEND STA. 181+00, OFF. 47' LT

PVC WATER MAIN 16", 12.0 LF

PVC WATER MAIN 16" 193.0 LF, 41 CY TBF

RELOCATED FIRE HYDRANT W/AUX. VALVE BOX STA. 183+05.0, OFF. 46' LT

16"x16"x6" DUCTILE IRON TEE STA. 183+05.0, OFF. 42.3' LT

22.5° DUCTILE IRON BEND STA. 181+11, OFF. 42.3' LT

PVC WATER MAIN 16", 13 LF

PVC WATER MAIN 12", 4 LF

PVC WATER MAIN 16", 9.0 LF

UD 1301

UD 1302

42.3'

S1301 S1302 S1303 S1304 S1305 S1306 S1307 S1308 S1309 S1310 S1311 S1312 S1313 S1314 S1315 S1316 S1317 S1318 S1319 S1320

P1301 P1302 P1303 P1304 P1305 P1306 P1307 P1308 P1309 P1310 P1311 P1312 P1313 P1314 P1315 P1316 P1317 P1318 P1319

176 179 180+00 181 182 183

PIPE SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P1301	S1301	S1302	66	12	WATER MAIN QUALITY	0.45	14.2
P1302	S1302	S1303	8	12	SS CLASS A TYPE 2	0.62	2.1
P1303	S1317	S1303	199	36	SS CLASS A TYPE 2	0.85	105.2
P1304	S1307	S1318	10	12	SS CLASS A TYPE 1	0.50	1.3
P1305	S1305	S1306	62	12	WATER MAIN QUALITY	0.46	8.2
P1306	S1306	S1307	15	12	WATER MAIN QUALITY	0.67	2.4
P1307	S1309	S1316	10	12	WATER MAIN QUALITY	1.00	2.6
P1308	S1308	S1320	9	12	WATER MAIN QUALITY	0.78	1.6
P1309	S1310	S1311	13	12	WATER MAIN QUALITY	0.78	2.4
P1310	S1311	S1317	11	18	WATER MAIN QUALITY	1.36	2.0
P1311	S1304	S1318	9	12	SS CLASS A TYPE 1	0.56	1.4
P1312	S1312	S1313	66	12	WATER MAIN QUALITY	0.53	13.5
P1313	S1313	S1314	8	15	SS CLASS A TYPE 2	1.25	2.3
P1314	S1314	S1319	100	15	SS CLASS A TYPE 1	1.75	5.4
P1315	S1319	S1316	56	15	WATER MAIN QUALITY	0.89	21.6
P1316	S1316	S1311	50	18	WATER MAIN QUALITY	1.40	11.1
P1317	S1410	S1314	200	12	SS CLASS A TYPE 1	2.13	0.0
P1318	S1315	S1319	11	12	WATER MAIN QUALITY	1.36	2.2
P1319	S1320	S1311	9	12	WATER MAIN QUALITY	0.78	2.4

SUBSURFACE PAVEMENT DRAIN							
SPD NO.	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH (FT)	LENGTH SP (FT)	DIA. (IN)
1301	179+24.21	102.71 LT	178+17.00	36.58 LT	147		4
1302	186+00.00	35.55 LT	181+00.00	36.58 LT	500		4

DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S1312	CB, TYPE A, 4', TYPE 24 F&G	182+50	33.0 LT	731.76		727.40		
S1313	CB, TYPE A, 4', TYPE 24 F&G	182+50	33.0 RT	731.76	727.05	726.80		
S1314	MH, TYPE A, 4', TYPE 1, CL	182+50	40.9 RT	732.25	726.70		726.60	726.85
S1315	CB, TYPE A, 4', TYPE 8 GRATE	181+58	44.6 RT	729.47	727.00			
S1316	MH, TYPE A, 5', TYPE 1, CL	180+90	37.5 RT	729.37	724.75		724.00	724.25
S1317	MH, TYPE A, 6', TYPE 1, CL	180+17	39.8 RT	729.25	721.14	723.30	721.00	723.05
S1318	MH, TYPE A, 6', TYPE 1, CL	180+20	53.9 LT	728.79	721.70	721.60	724.75	724.30
S1319	MH, TYPE A, 4', TYPE 1, CL	181+48	37.5 RT	729.80		726.85	724.75	724.85
S1320	CB, TYPE A, 4', TYPE 24 F&G	180+29	47.3 RT	728.95			724.70	724.60

215' 36" RCCP @ 1.37%

+2.00%

199' 36" RCCP @ 0.85%

Left Ditch

RT DITCH LT DITCH

INV=721.35

INV=719.30

INV=719.20

INV=721.00

45° BEND

INV=721.14

INV=723.05

45° BEND PROP. PVC WATER MAIN

18' 18" RCCP @ 1.25%

50' 18" RCCP @ 1.25%

INV=723.37

INV=723.27

INV=724.00

INV=724.75

56' 15" RCCP @ 0.89%

22.5° BENDS

INV=724.25

VALVE VAULT, TY. A

+2.07%

+2.20%

Right Ditch

100' 15" RCCP @ 1.75%

INV=724.85

INV=724.75

PROP. PVC WATER MAIN

INV=726.60

INV=726.85

INV=726.70

200' 12" RCCP @ 2.13%

PROP. PVC WATER MAIN

RELOCATED FIRE HYDRANT

735 730 725 720 715 710

726.63 726.68 | 727.58 727.67 | 728.64 728.68 | 729.83 729.68 | 729.83 729.61 | 730.10 729.52 | 730.52 729.76 | 731.13 730.32 | 731.95 731.21 | 730.34 | 733.01 732.42 | 734.33 733.73 | 735.73 734.83 | 736.83 735.69

178+00 178+50 179+00 179+50 180+00 180+50 181+00 181+50 182+00 182+50 183+00 183+50 184+00

PLAN: SURVEYED ... DRAWN ... PLOTTED ... CHECKED ... DESIGN STATE CHECKED ... R.I. OF WAY CHECKED ... CMPD FILE NAME ... NOTE BOOK ... NO. ... BY ... DATE

PROFILE: SURVEYED ... PLOTTED ... DRAWN ... CHECKED ... S.M. NOTES ... STRUCTURE NOTATNS CHKD ... NOTE BOOK ... NO. ... BY ... DATE

FILE NAME = N:\LCD01\04229\Drgn\DRN_WADSWORTH_07.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

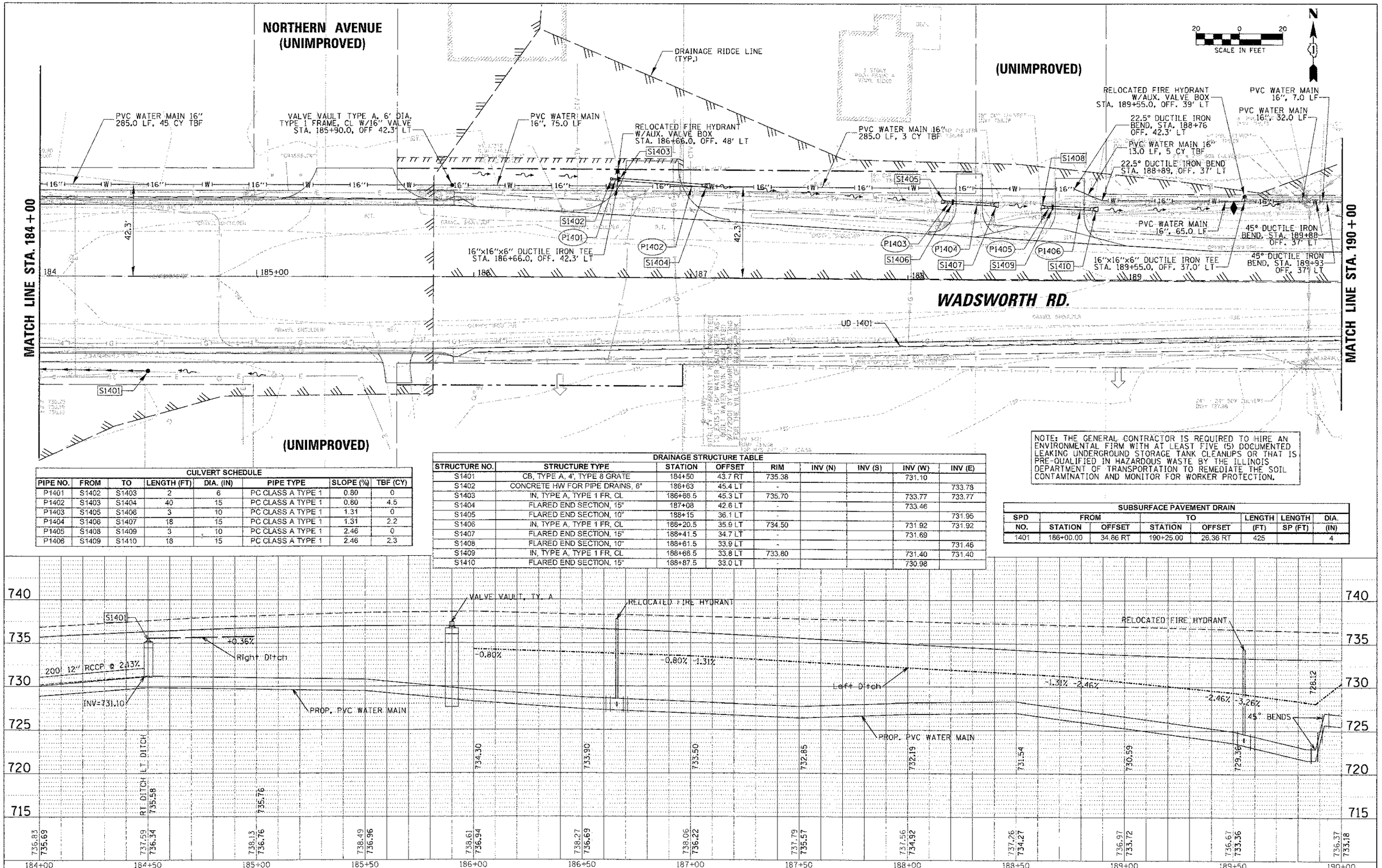
WADSWORTH ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 178+00.00 TO STA. 184+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	73

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



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

CULVERT SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P1401	S1402	S1403	2	6	PC CLASS A TYPE 1	0.80	0
P1402	S1403	S1404	40	15	PC CLASS A TYPE 1	0.80	4.5
P1403	S1405	S1406	3	10	PC CLASS A TYPE 1	1.31	0
P1404	S1406	S1407	18	15	PC CLASS A TYPE 1	1.31	2.2
P1405	S1408	S1409	3	10	PC CLASS A TYPE 1	2.46	0
P1406	S1409	S1410	18	15	PC CLASS A TYPE 1	2.46	2.3

DRAINAGE STRUCTURE TABLE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S1401	CB, TYPE A, 4', TYPE 8 GRATE	184+50	43.7 RT	735.38			731.10	
S1402	CONCRETE HW FOR PIPE DRAINS, 6"	186+63	45.4 LT	-				733.78
S1403	IN, TYPE A, TYPE 1 FR, CL	186+66.5	45.3 LT	735.70			733.77	733.77
S1404	FLARED END SECTION, 15"	187+08	42.6 LT	-			733.46	
S1405	FLARED END SECTION, 10"	188+15	36.1 LT	-				731.95
S1406	IN, TYPE A, TYPE 1 FR, CL	188+20.5	35.9 LT	734.50			731.92	731.92
S1407	FLARED END SECTION, 15"	188+41.5	34.7 LT	-			731.69	
S1408	FLARED END SECTION, 10"	188+61.5	33.9 LT	-				731.46
S1409	IN, TYPE A, TYPE 1 FR, CL	188+66.5	33.8 LT	733.80			731.40	731.40
S1410	FLARED END SECTION, 15"	188+87.5	33.0 LT	-			730.98	

SUBSURFACE PAVEMENT DRAIN

SPD NO.	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH (FT)	LENGTH SP (FT)	DIA. (IN)
1401	186+00.00	34.86 RT	190+25.00	26.36 RT	425		4

FILE NAME = N:\LCCE\D4229\D-sht\NORN_WADSWORTH_L08.SH	USER NAME = pmegrelli	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN -	REVISED -	
	PLOT SCALE = 20'	CHECKED -	REVISED -	
	PLOT DATE = 1/23/2013	DATE -	REVISED -	

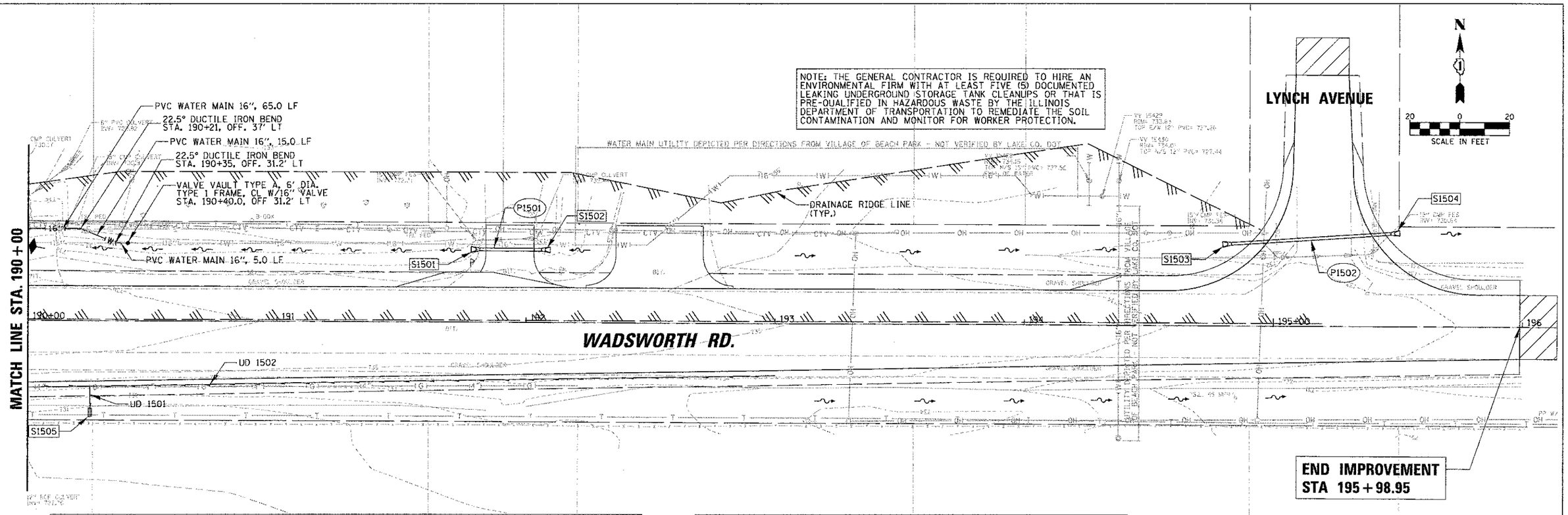
WADSWORTH ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 184+00.00 TO STA. 190+00.00

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
1209	03-00033-12-CH	LAKE	189 74

CONTRACT NO. **63766**

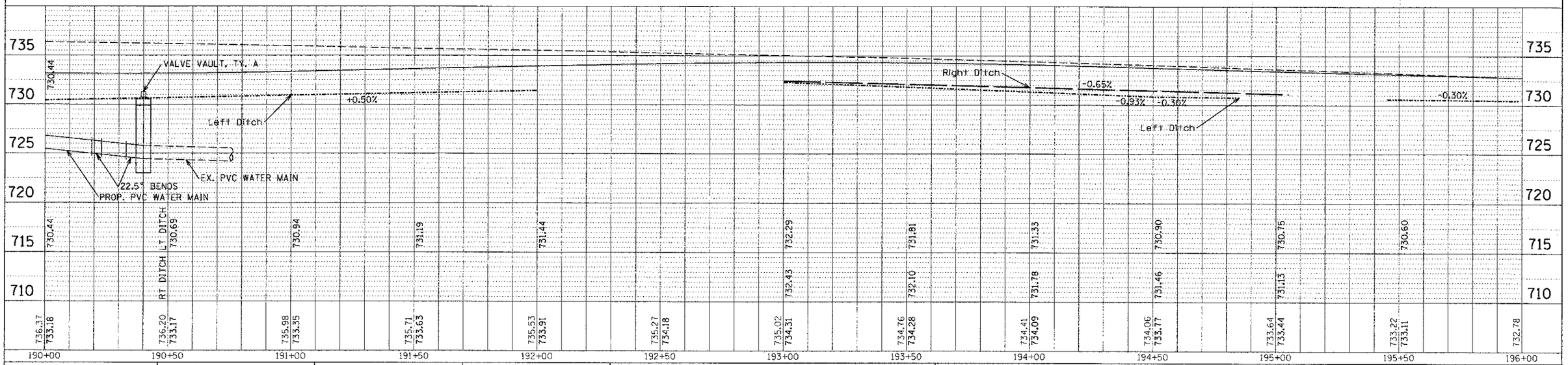
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S1501	FLARED END SECTION, 15"	191+78	28.3 LT	-				731.50
S1502	FLARED END SECTION, 15"	192+08	28.0 LT	-			731.63	
S1503	FLARED END SECTION, 23"x14"	194+85	33.0 LT	-			730.76	
S1504	FLARED END SECTION, 23"x14"	195+45	37.0 LT	-				730.60
S1505	CONCRETE HW FOR PIPE DRAINS	190+25	35.2 RT	-		730.55		

CULVERT SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P1501	S1502	S1501	30	15	PC CLASS A TYPE 1	0.43	3.1
P1502	S1503	S1504	60	23x14	PCE CLASS A TYPE 1	0.27	6.3

SUBSURFACE PAVEMENT DRAIN							
SPD	FROM		TO		LENGTH	LENGTH	DIA.
NO.	STATION	OFFSET	STATION	OFFSET	(FT)	SP (FT)	(IN)
1501	190+25.00	26.36 RT	190+25.00	35.17 RT		9	4
1502	193+00.00	20.86 RT	190+25.00	26.36 RT	275		4



FILE NAME = N:\LCDOT\04229\Drain\DRN_WADSWORTH_09.SH	USER NAME = rmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 190+00.00 TO STA. 195+98.95

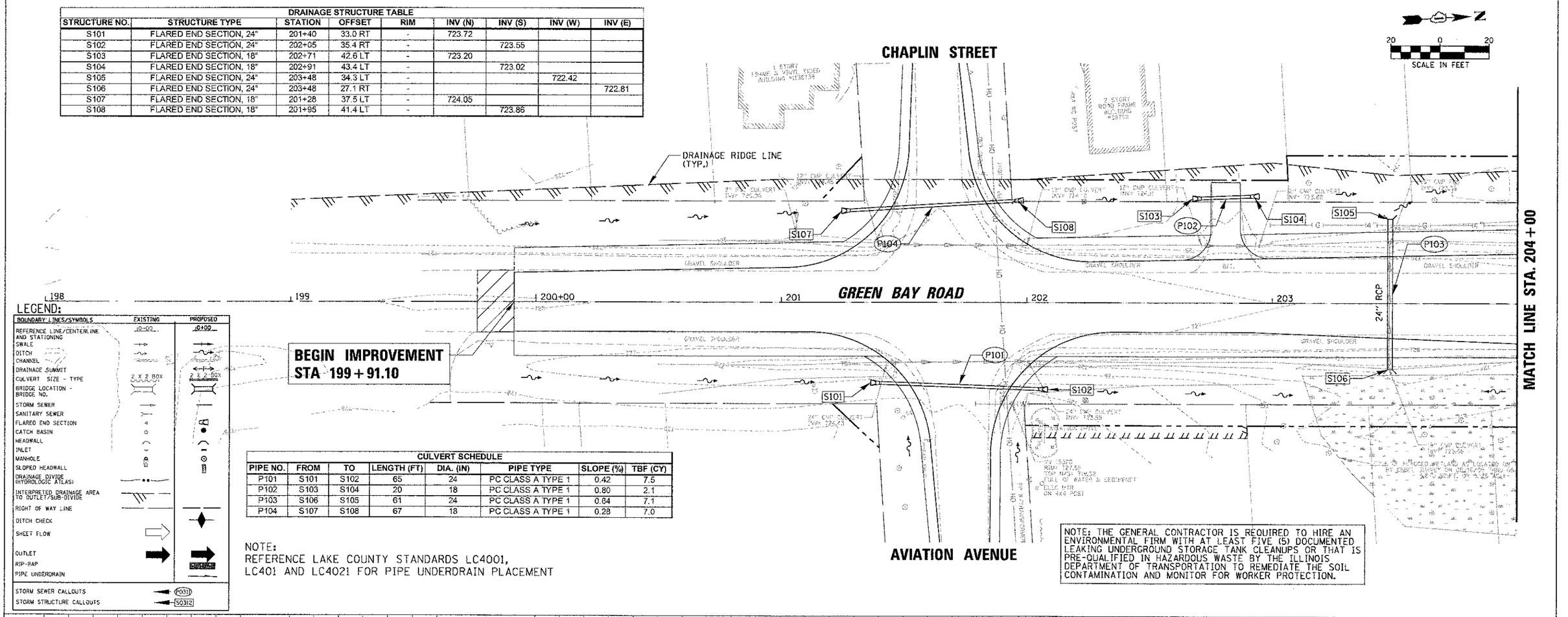
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	75

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S101	FLARED END SECTION, 24"	201+40	33.0 RT	-	723.72			
S102	FLARED END SECTION, 24"	202+05	35.4 RT	-		723.55		
S103	FLARED END SECTION, 18"	202+71	42.6 LT	-	723.20			
S104	FLARED END SECTION, 18"	202+91	43.4 LT	-		723.02		
S105	FLARED END SECTION, 24"	203+48	34.3 LT	-			722.42	
S106	FLARED END SECTION, 24"	203+48	27.1 RT	-				722.81
S107	FLARED END SECTION, 18"	201+28	37.5 LT	-	724.05			
S108	FLARED END SECTION, 18"	201+95	41.4 LT	-		723.86		



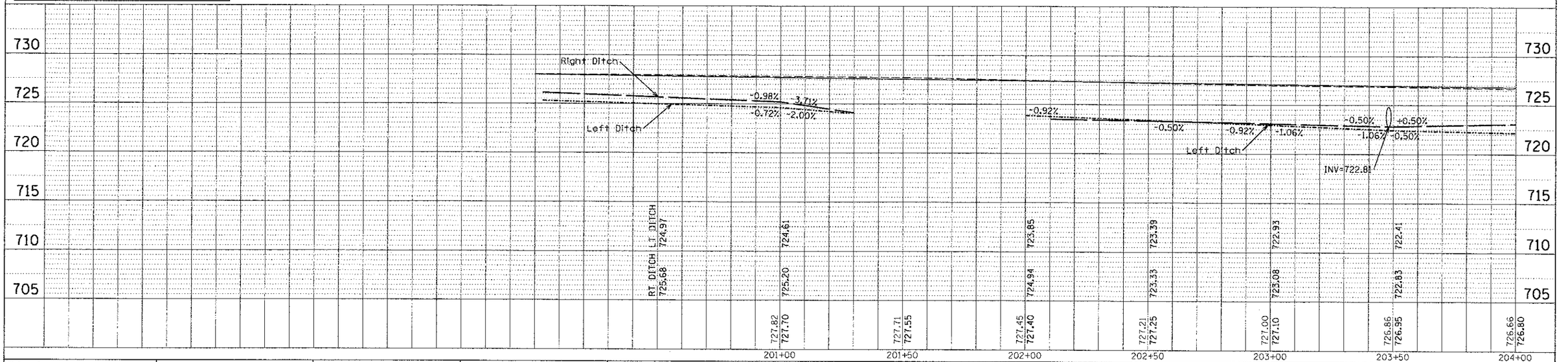
LEGEND:

BOUNDARY / LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	10+00	10+00
SWALE		
DITCH		
CHANNEL		
DRAINAGE SUMMIT		
CULVERT SIZE - TYPE	2 X 2 BOX	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.		
STORM SEWER		
SANITARY SEWER		
FLARED END SECTION		
CATCH BASIN		
HEADWALL		
INLET		
MANHOLE		
SLOPED HEADWALL		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
RIGHT OF WAY LINE		
DITCH CHECK		
SHEET FLOW		
OUTLET		
RIP-RAP		
PIPE UNDERDRAIN		
STORM SEWER CALLOUTS	P031	
STORM STRUCTURE CALLOUTS	S0312	

CULVERT SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P101	S101	S102	65	24	PC CLASS A TYPE 1	0.42	7.5
P102	S103	S104	20	18	PC CLASS A TYPE 1	0.80	2.1
P103	S106	S105	61	24	PC CLASS A TYPE 1	0.84	7.1
P104	S107	S108	67	18	PC CLASS A TYPE 1	0.28	7.0

NOTE:
REFERENCE LAKE COUNTY STANDARDS LC4001, LC401 AND LC4021 FOR PIPE UNDERDRAIN PLACEMENT

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



FILE NAME = N:\CDOT\64229\Drain\DRN_RTE131_01.SHT	USER NAME = mmarel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

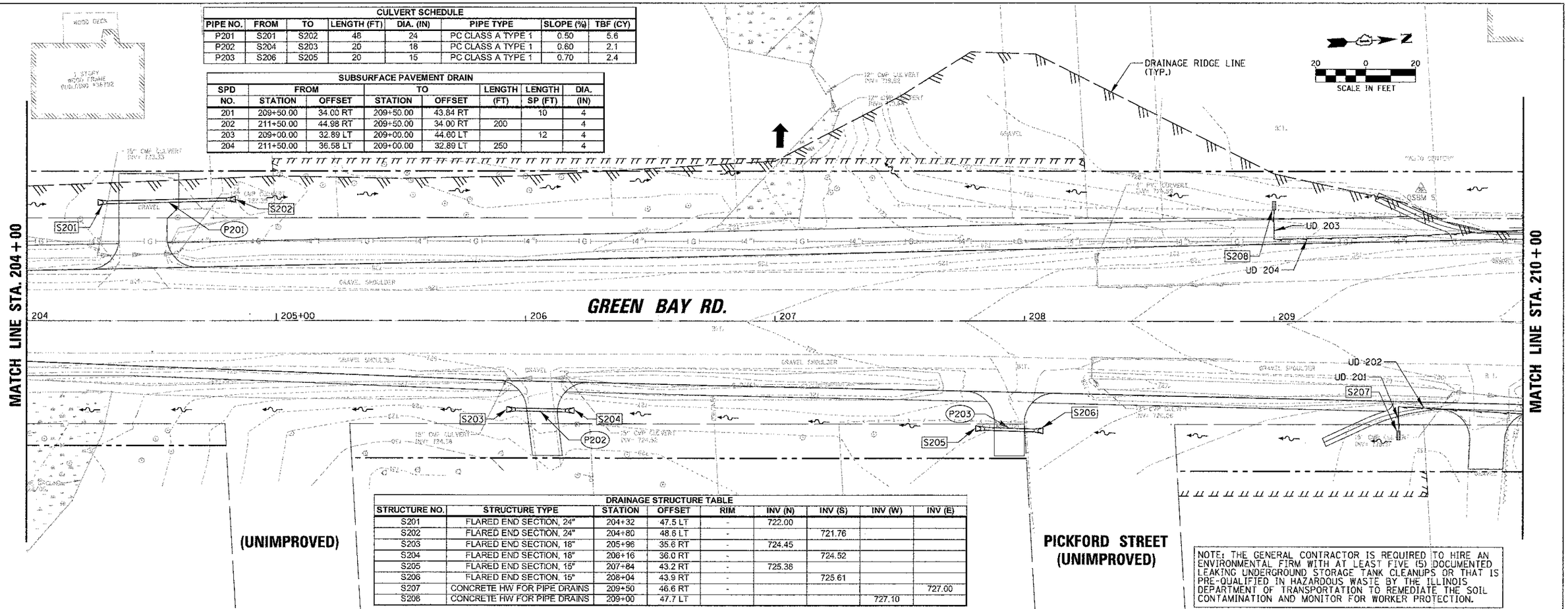
IL RTE 131 (GREEN BAY ROAD)
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 199+91.10 TO STA. 204+00.00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	76
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

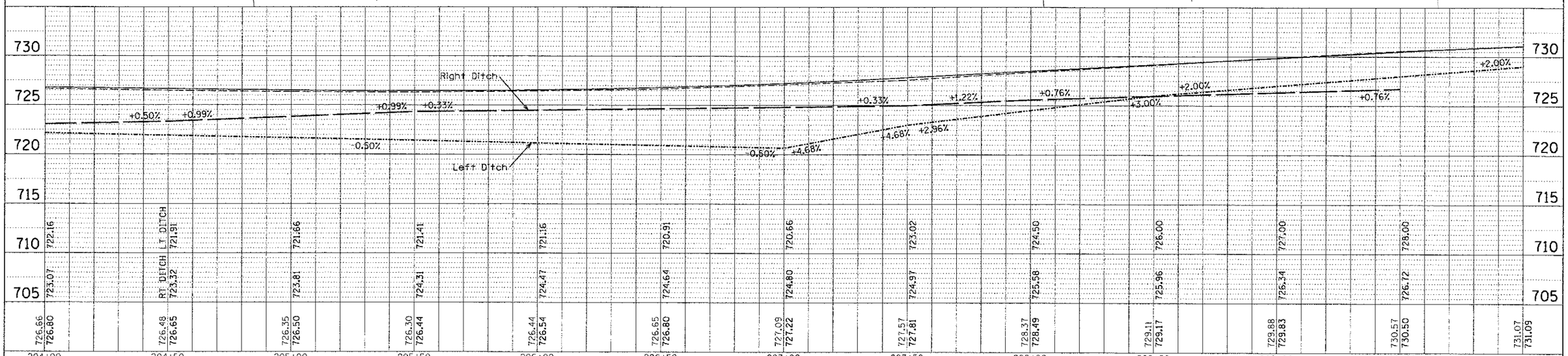
CULVERT SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P201	S201	S202	48	24	PC CLASS A TYPE 1	0.50	5.6
P202	S204	S203	20	18	PC CLASS A TYPE 1	0.60	2.1
P203	S206	S205	20	15	PC CLASS A TYPE 1	0.70	2.4

SUBSURFACE PAVEMENT DRAIN							
SPD	FROM		TO		LENGTH	LENGTH	DIA.
NO.	STATION	OFFSET	STATION	OFFSET	(FT)	SP (FT)	(IN)
201	209+50.00	34.00 RT	209+50.00	43.84 RT		10	4
202	211+50.00	44.98 RT	209+50.00	34.00 RT	200		4
203	209+00.00	32.89 LT	209+00.00	44.60 LT		12	4
204	211+50.00	36.58 LT	209+00.00	32.89 LT	250		4



DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S201	FLARED END SECTION, 24"	204+32	47.5 LT	-	722.00			
S202	FLARED END SECTION, 24"	204+80	48.6 LT	-		721.76		
S203	FLARED END SECTION, 18"	205+96	35.6 RT	-	724.45			
S204	FLARED END SECTION, 18"	206+16	36.0 RT	-		724.52		
S205	FLARED END SECTION, 15"	207+84	43.2 RT	-	725.38			
S206	FLARED END SECTION, 15"	208+04	43.9 RT	-		725.61		
S207	CONCRETE HW FOR PIPE DRAINS	209+50	46.6 RT	-				727.00
S208	CONCRETE HW FOR PIPE DRAINS	209+00	47.7 LT				727.10	

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



FILE NAME = N:\LCDOT\04227\Drain\DRN_RTE131_02.SHT	USER NAME = mmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 204+00.00 TO STA. 210+00.00

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

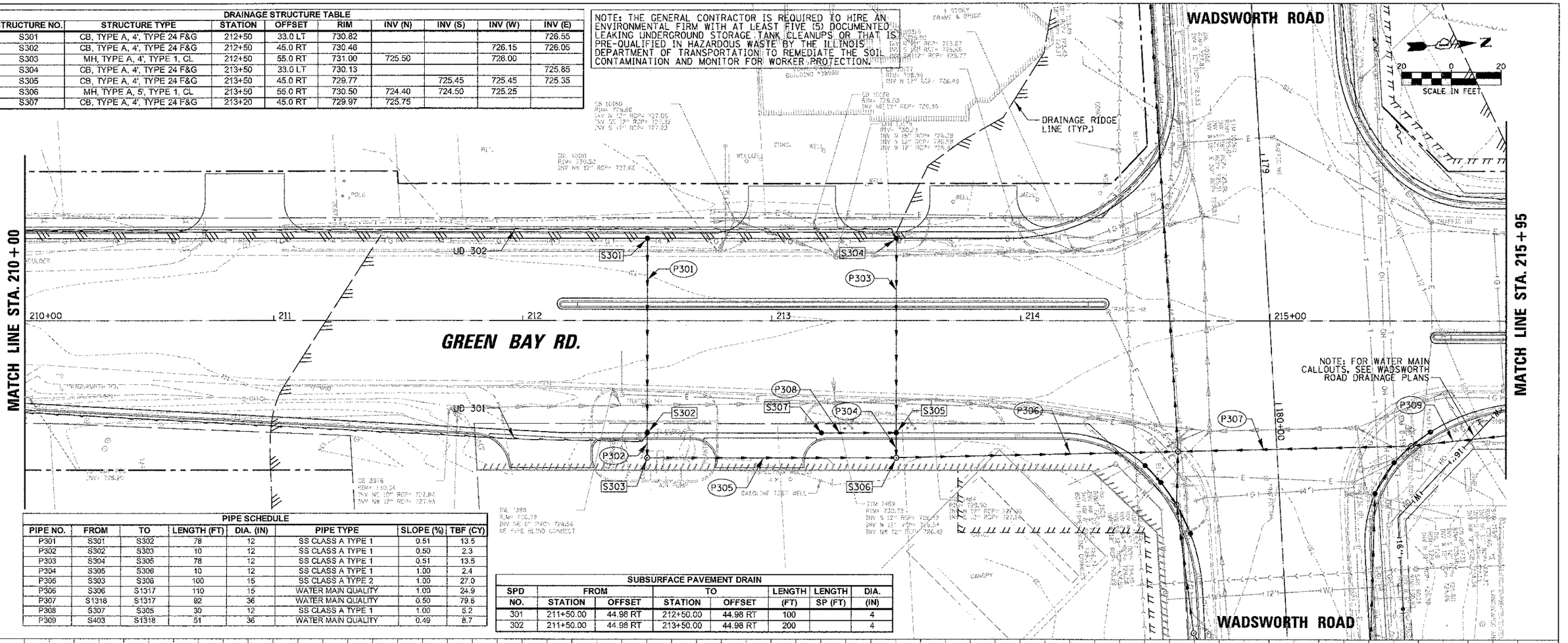
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	77
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAN: SURVEYED | PLOTTED | ALIGNMENT CHECKED | DRAWN BY | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | DRAWN BY | CHECKED | CADD FILE NAME | NOTE BOOK | NO. | STRUCTURE NOTATION CHKD | BY | DATE

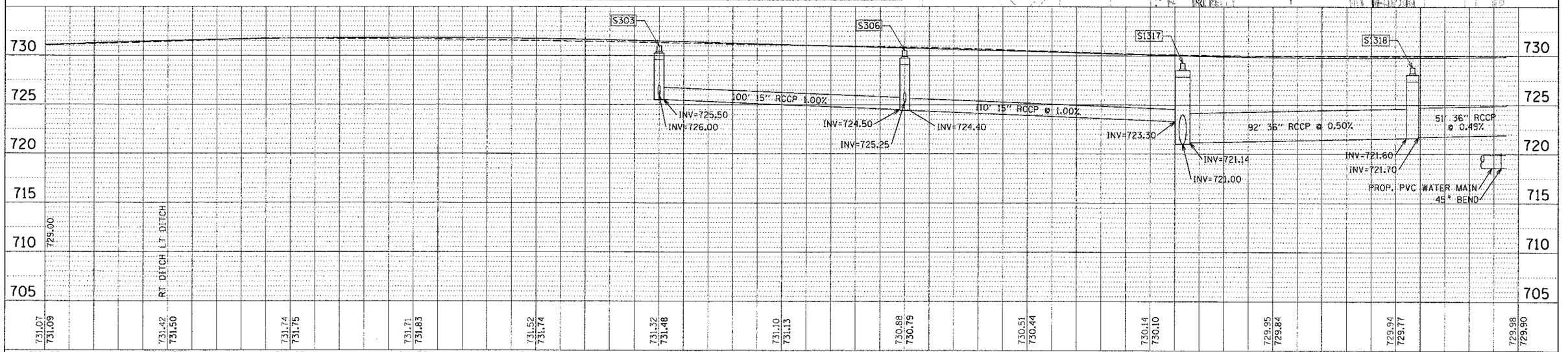
DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S301	CB, TYPE A, 4', TYPE 24 F&G	212+50	33.0 LT	730.82				726.55
S302	CB, TYPE A, 4', TYPE 24 F&G	212+50	45.0 RT	730.46			726.15	726.05
S303	MH, TYPE A, 4', TYPE 1, CL	212+50	55.0 RT	731.00	725.50		726.00	
S304	CB, TYPE A, 4', TYPE 24 F&G	213+50	33.0 LT	730.13				725.85
S305	CB, TYPE A, 4', TYPE 24 F&G	213+50	45.0 RT	729.77		725.45	725.45	725.35
S306	MH, TYPE A, 5', TYPE 1, CL	213+50	55.0 RT	730.50	724.40	724.50	725.25	
S307	CB, TYPE A, 4', TYPE 24 F&G	213+20	45.0 RT	729.97	725.75			

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



PIPE SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P301	S301	S302	78	12	SS CLASS A TYPE 1	0.51	13.5
P302	S302	S303	10	12	SS CLASS A TYPE 1	0.50	2.3
P303	S304	S305	78	12	SS CLASS A TYPE 1	0.51	13.5
P304	S305	S306	10	12	SS CLASS A TYPE 1	1.00	2.4
P305	S303	S306	100	15	SS CLASS A TYPE 2	1.00	27.0
P306	S306	S1317	110	15	WATER MAIN QUALITY	1.00	24.9
P307	S1318	S1317	92	36	WATER MAIN QUALITY	0.50	79.6
P308	S307	S305	30	12	SS CLASS A TYPE 1	1.00	5.2
P309	S403	S1318	51	36	WATER MAIN QUALITY	0.49	8.7

SUBSURFACE PAVEMENT DRAIN							
SPD	FROM		TO		LENGTH	LENGTH	DIA.
NO.	STATION	OFFSET	STATION	OFFSET	(FT)	SP (FT)	(IN)
301	211+50.00	44.98 RT	212+50.00	44.98 RT	100		4
302	211+50.00	44.98 RT	213+50.00	44.98 RT	200		4



PLAN — SURVEYED / DRAWN / ALIGNMENT CHECKED / R/W CHECKED / MOT BOOK / NO. / DATE / BY

PROFILE — SURVEYED / DRAWN / GRADES CHECKED / S.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO. / DATE / BY

FILE NAME = N:\ICDOT\64229\Drain\DRN_RTE131_03.SHT	USER NAME = mmoral	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 131 (GREEN BAY ROAD) DRAINAGE AND UTILITIES PLAN AND PROFILE STA. 210+00.00 TO STA. 215+95
		DRAWN -	REVISED -		
	PLOT SCALE = 20'	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.
	PLOT DATE = 1/22/2013	DATE -	REVISED -		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	78
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S401	CB, TYPE A, 4', TYPE 24 F&G	216+00	45.0 LT	728.88				726.08
S402	IN, TYPE A, TYPE 24 F&G	216+00	33.0 RT	729.24			725.73	725.73
S403	MH, TYPE A, 5', TYPE 1, CL	216+08	44.5 RT	730.15	722.05	721.95	725.68	724.56
S404	MH, TYPE A, 4', TYPE 1, CL	216+15	49.4 RT	731.30	724.75	724.65		
S405	CB, TYPE A, 4', TYPE 24 F&G	217+50	45.0 LT	729.62	726.55			726.55
S406	IN, TYPE A, TYPE 24 F&G	217+50	33.0 RT	729.98			726.20	726.20
S407	MH, TYPE A, 5', TYPE 1, CL	217+50	46.0 RT	730.86	722.85	722.75	726.10	
S408	MH, TYPE A, 5', TYPE 1, CL	218+45.2	46.0 RT	731.60	723.30	723.20		727.21
S409	CB, TYPE A, 4', TYPE 24 F&G	217+85	45.0 LT	729.81		726.80		
S410	CB, TYPE A, 5', TYPE 8 GRATE	218+84	46.0 RT	729.17	723.95	723.45		
S411	MH, TYPE A, 4', TYPE 1, CL	220+10	46.0 RT	731.00	724.85	724.25	725.75	
S412	CB, TYPE A, 4', TYPE 8 GRATE	220+20	51.4 RT	729.54		724.90		
S413	CB, TYPE A, 4', TYPE 8 GRATE	220+10	54.0 LT	729.75				726.00
S414	FLARED END SECTION, 15"	221+82	43.6 LT	-	731.17			

PIPE SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P401	S401	S402	78	12	WATER MAIN QUALITY	0.45	10.3
P402	S402	S403	13	12	WATER MAIN QUALITY	0.38	1.8
P403	S404	S403	9	12	WATER MAIN QUALITY	1.00	0.0
P404	S405	S406	78	12	WATER MAIN QUALITY	0.45	10.3
P405	S406	S407	13	12	WATER MAIN QUALITY	0.77	1.7
P406	S407	S403	147	36	WATER MAIN QUALITY	0.48	0.0
P407	S408	S407	95	36	WATER MAIN QUALITY	0.37	69.0
P408	S410	S408	39	36	SS CLASS A TYPE 2	0.38	0.0
P409	S409	S405	35	12	SS CLASS A TYPE 1	0.71	4.6
P410	EX.	S410	6	24	SS CLASS A TYPE 1	30.00	0.0
P411	S411	S410	124	30	SS CLASS A TYPE 2	0.24	26.6
P412	S412	S411	11	18	SS CLASS A TYPE 1	0.45	0.0
P413	S413	S411	100	24	WATER MAIN QUALITY	0.25	11.7

CULVERT SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P414	S501	S414	18	15	PC CLASS A TYPE 1	1.11	2.2

SUBSURFACE PAVEMENT DRAIN							
SPD NO.	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH (FT)	LENGTH SP (FT)	DIA. (IN)
401	220+00.00	38.00 LT	216+00.00	48.58 LT	400		4

MATCH LINE STA. 215+95

MATCH LINE STA. 222+00

N

20 0 20

SCALE IN FEET

GREEN BAY RD.

PRINCETON AVENUE (UNIMPROVED)

NOTE: FOR WATER MAIN CALLOUTS, SEE WADSWORTH ROAD DRAINAGE PLANS

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

DRAINAGE RIDGE LINE (TYP.)

PLAN

SURVEYED BY
PLOTTED BY
CLOTHOID CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
PLANS FILE NAME

NOTE BOOK
NO.

PROFILE

SURVEYED BY
PLANS CHECKED
S.M. NOTED
STRUCTURE NOTATNS CHKD

NOTE BOOK
NO.

DATE

BY

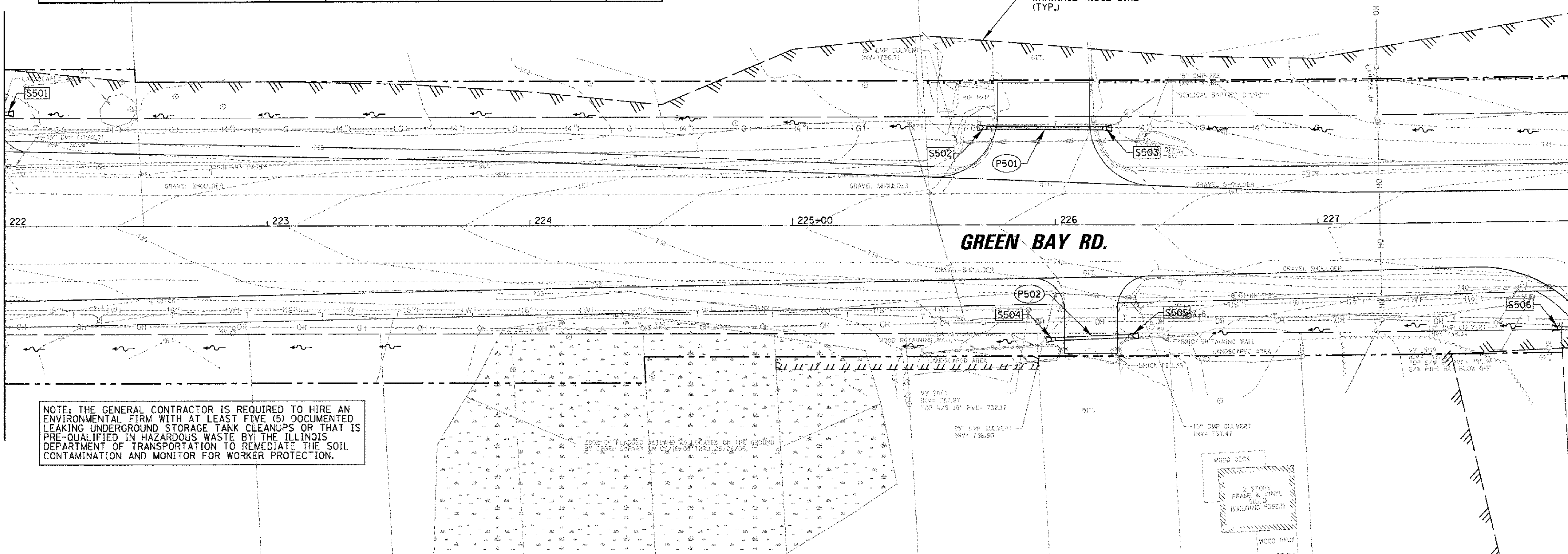
RELOCATED FIRE HYDRANT
VALVE VAULT, TY. A
45° BEND
142' 36" RCCP @ 0.49%
99' 36" RCCP @ 0.37%
39' 36" RCCP @ 0.38%
124' 30" RCCP @ 0.24%
15' 18" RCCP @ 0.90%
RT. DITCH
LT. DITCH
Left Ditch
Right Ditch
-2.50%
+0.50%
+0.30%
+0.74%
+1.22%
+1.58%
+1.18%
+1.50%

FILE NAME = N:\CDOT\94229\Data\DRN_RTE131_04.SHT	USER NAME = mmarsl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 131 (GREEN BAY ROAD) DRAINAGE AND UTILITIES PLAN AND PROFILE
		DRAWN -	REVISED -		
	PLOT SCALE = 20'	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.
	PLOT DATE = 1/22/2013	DATE -	REVISED -		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	79
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S501	FLARED END SECTION, 15"	222+00	43.2 LT	-		731.38		
S502	FLARED END SECTION, 15"	225+74	37.0 LT	-	736.44			
S503	FLARED END SECTION, 15"	226+18	36.7 LT	-		737.01		
S504	FLARED END SECTION, 15"	226+00	40.8 RT	-	736.76			
S505	FLARED END SECTION, 15"	226+28	41.2 RT	-		737.19		
S506	FLARED END SECTION, 18"	227+92	40.2 RT	-	739.74			

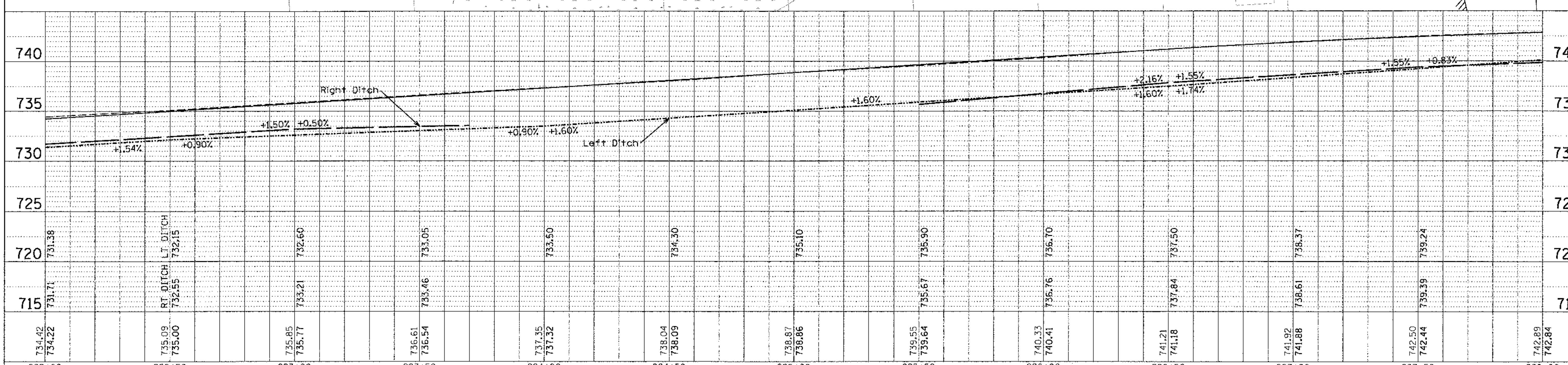
CULVERT SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P501	S503	S502	44	15	PC CLASS A TYPE 1	1.61	5.3
P502	S505	S504	28	15	WATER MAIN QUALITY	2.18	3.4



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

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK / NO. — BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK / NO. — BY / DATE



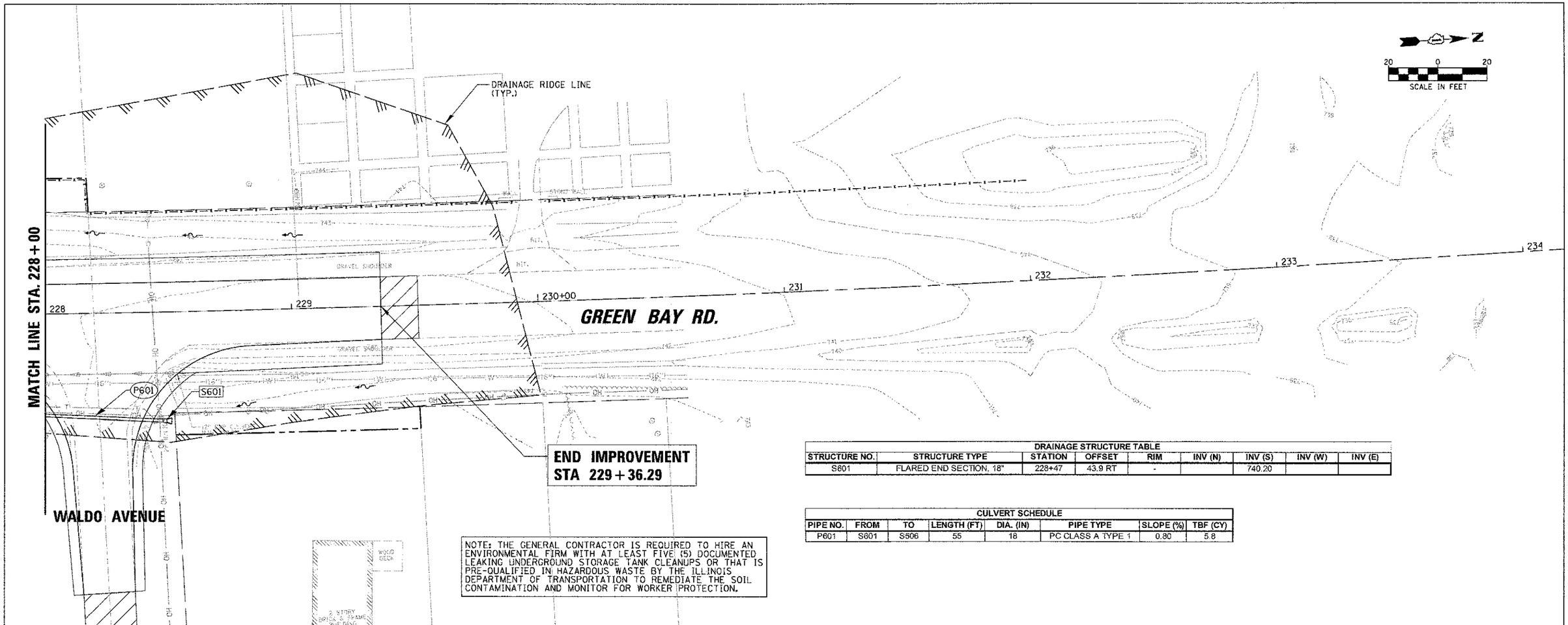
FILE NAME = N:\LCDOT\04229\Drain\DRN_RTE131_05.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 222+00.00 TO STA. 228+00.00

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

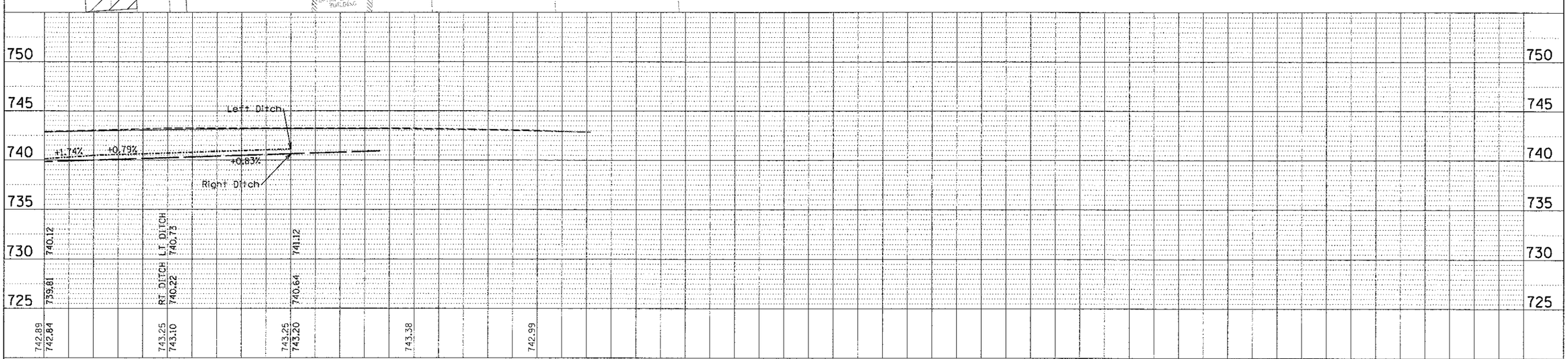
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	80
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



DRAINAGE STRUCTURE TABLE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)
S601	FLARED END SECTION, 18"	228+47	43.9 RT	-		740.20		

CULVERT SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)
P601	S601	S506	55	18	PC CLASS A TYPE 1	0.80	5.8

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



FILE NAME = N:\LCDOT\04229\D-ai\DRN_RTE131_06.SHT	USER NAME = nmorai	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

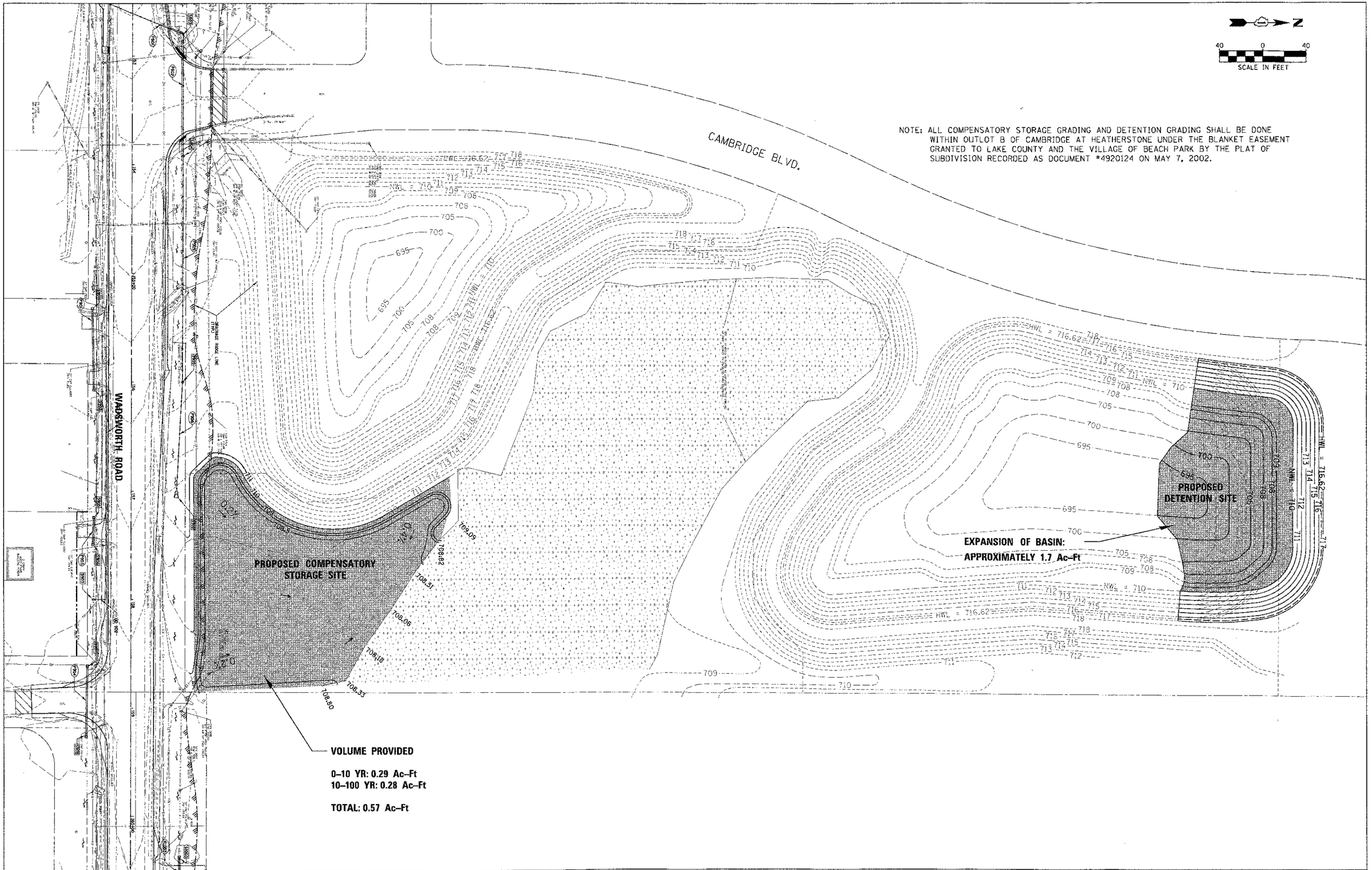
IL RTE 131 (GREEN BAY ROAD)
DRAINAGE AND UTILITIES PLAN AND PROFILE
STA. 228+00.00 TO STA. 229+36.29

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

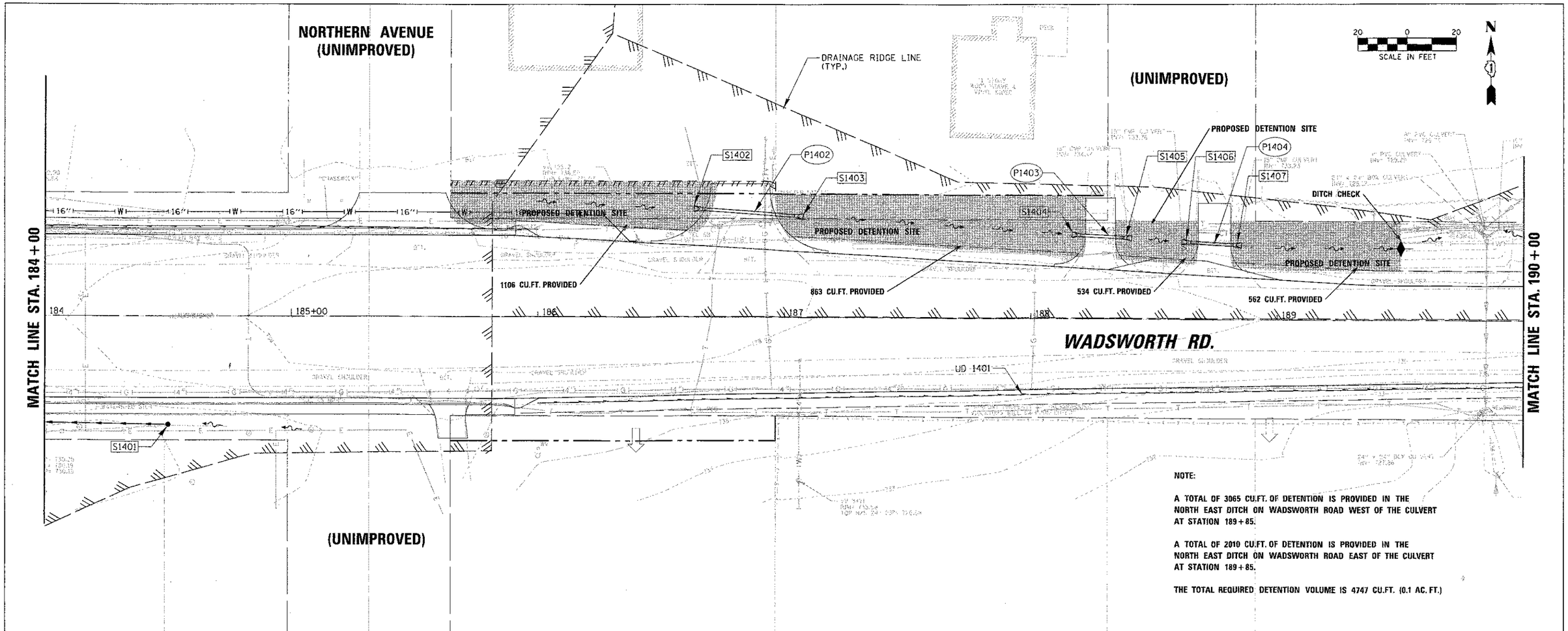
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	81

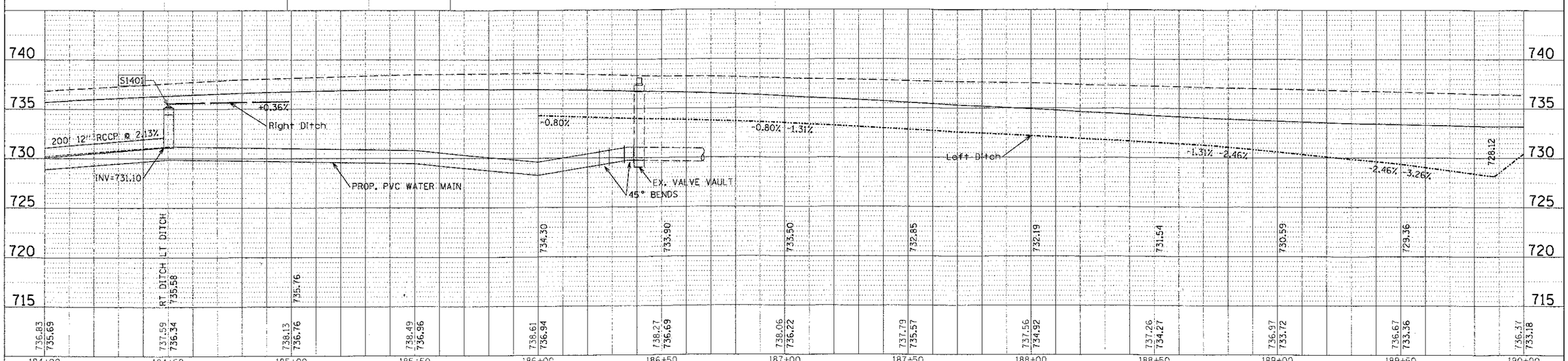
CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

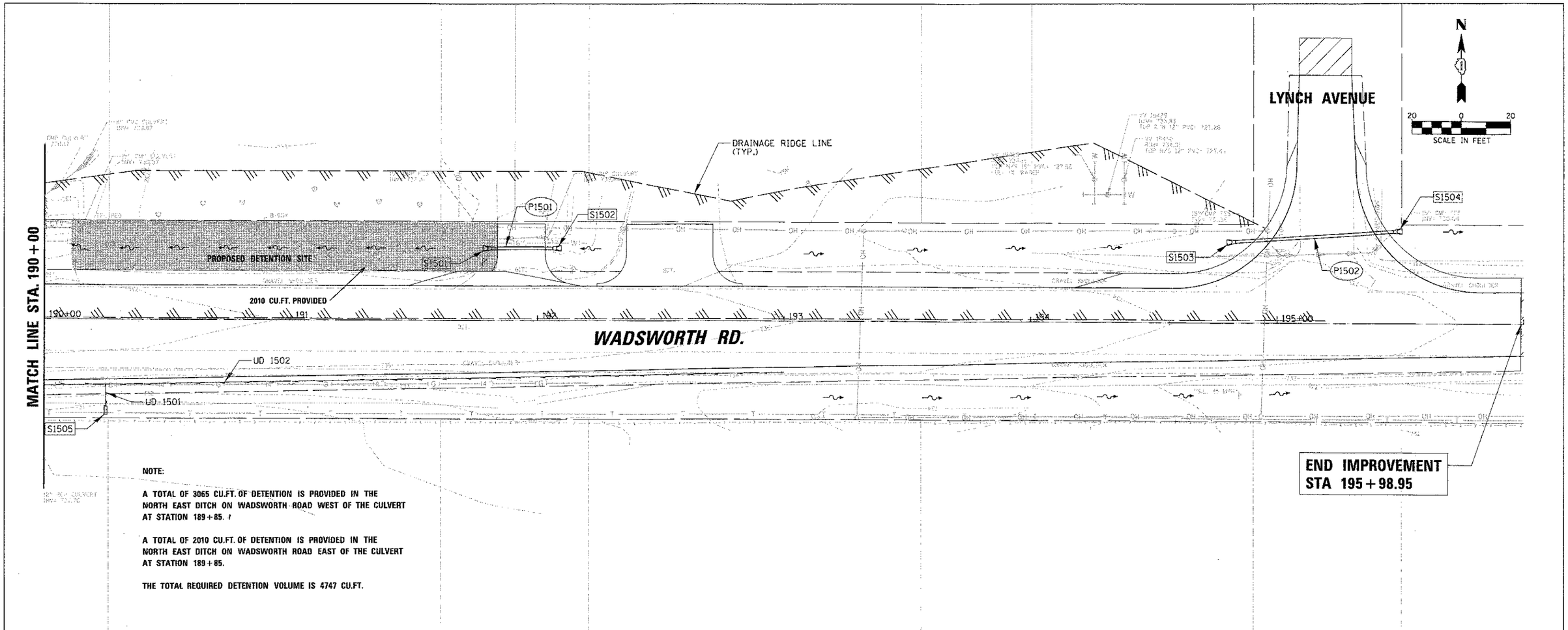


FILE NAME = N:\CDOT\64228\Drain\DETENTION_01.SHT	USER NAME = imoral	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD DETENTION & COMPENSATORY STORAGE SITES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			1209	03-00033-12-CH	LAKE	189	82
	PLOT SCALE = 40'	CHECKED -	REVISED -					CONTRACT NO. 63766		
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





FILE NAME = N:\LCDOT\64229\Drain\DETENTION 02.SH	USER NAME = nmarsi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD NORTH EAST DITCH DETENTION STORAGE SITE	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 83
		DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT SCALE = 20'	CHECKED -	REVISED -							
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

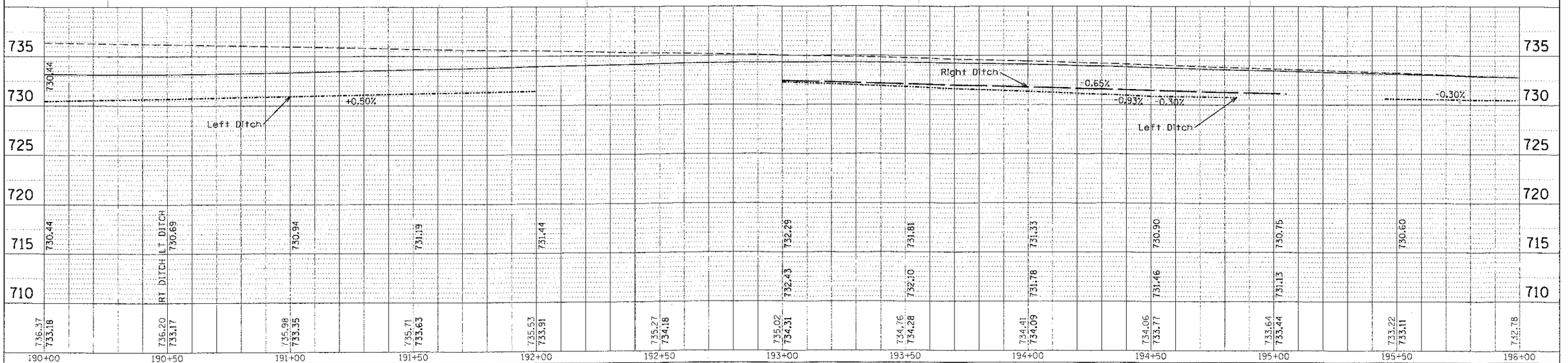


NOTE:

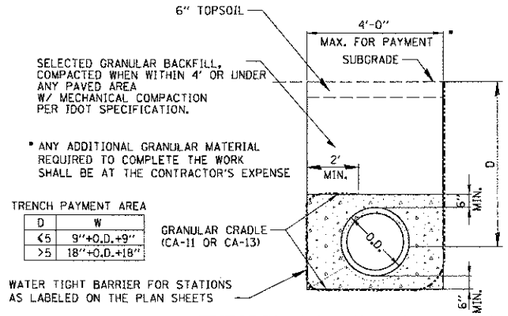
A TOTAL OF 3065 CU.FT. OF DETENTION IS PROVIDED IN THE NORTH EAST DITCH ON WADSWORTH ROAD WEST OF THE CULVERT AT STATION 189+85.

A TOTAL OF 2010 CU.FT. OF DETENTION IS PROVIDED IN THE NORTH EAST DITCH ON WADSWORTH ROAD EAST OF THE CULVERT AT STATION 189+85.

THE TOTAL REQUIRED DETENTION VOLUME IS 4747 CU.FT.



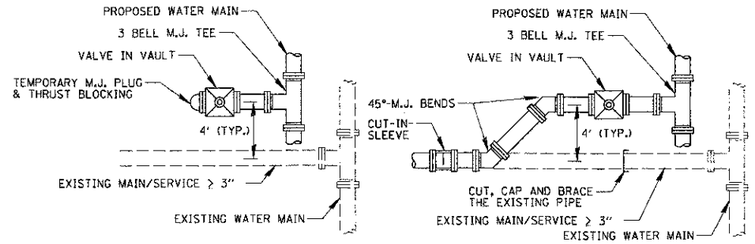
FILE NAME - N:\LCOD1\04229\Drain\DETENTION_03.SHT	USER NAME = nmoro	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD NORTH EAST DITCH DETENTION STORAGE SITE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			1209	03-00033-12-CH	LAKE	189	84
	PLOT SCALE = 20'	CHECKED -	REVISED -			CONTRACT NO. 63766				
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



TRENCH PAYMENT AREA	
D	W
≤5	9"+O.D.+9"
>5	18"+O.D.+18"

TYPICAL TRENCH DETAIL–PARKWAY

N.T.S.

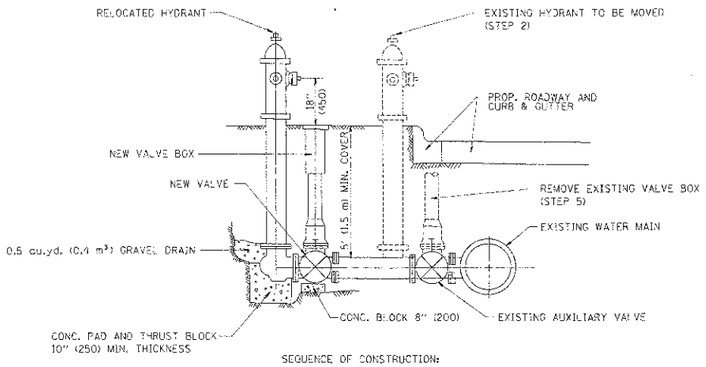


NOTES:

1. 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.
2. 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.
3. MEGALUGS TO BE USED WITH ALL M.J. FITTINGS.

WATER MAIN/SERVICE INSTALLATION AND RECONNECTION

N.T.S.



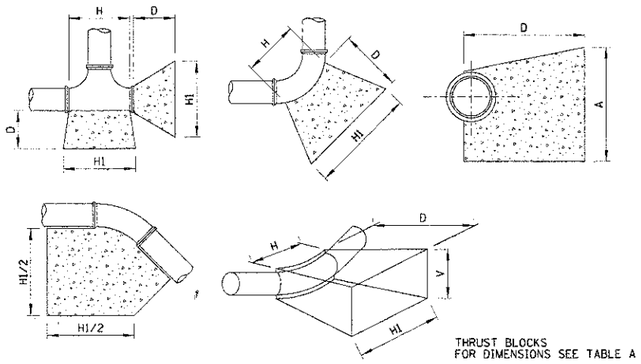
SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSUINS AREIN INCHES (MILLIMETERS) UNLESS NOTED OTHERWISE.



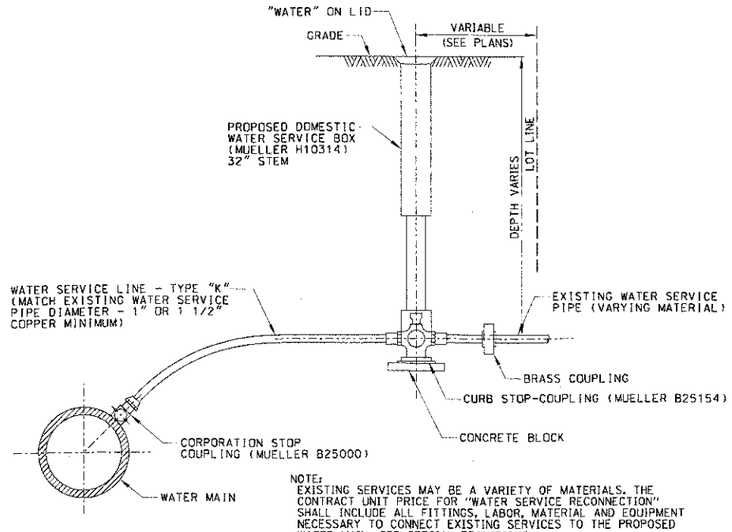
THRUST BLOCKS FOR DIMENSIONS SEE TABLE A

SIZE OF PIPE	TAPPING TEES, SLEEVES AND PLUGS					90° BENDS					45° BENDS OR LESS				
	H1	H	V	D	C. FT.	H1	H	V	D	C. FT.	H1	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 ACCESABLE FOR REPAIR. ALL ENDS OD 11¼" 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.



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.

TYPICAL WATER SERVICE CONNECTION

N.T.S.

FILE NAME = N:\IDOT\042229\Civil\DET_042229_01.SHT	USER NAME = mwells	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD CONSTRUCTION DETAILS
		DRAWN -	REVISED -		
	PLOT SCALE = 1'	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.
	PLOT DATE = 11/13/2012	DATE -	REVISED -		

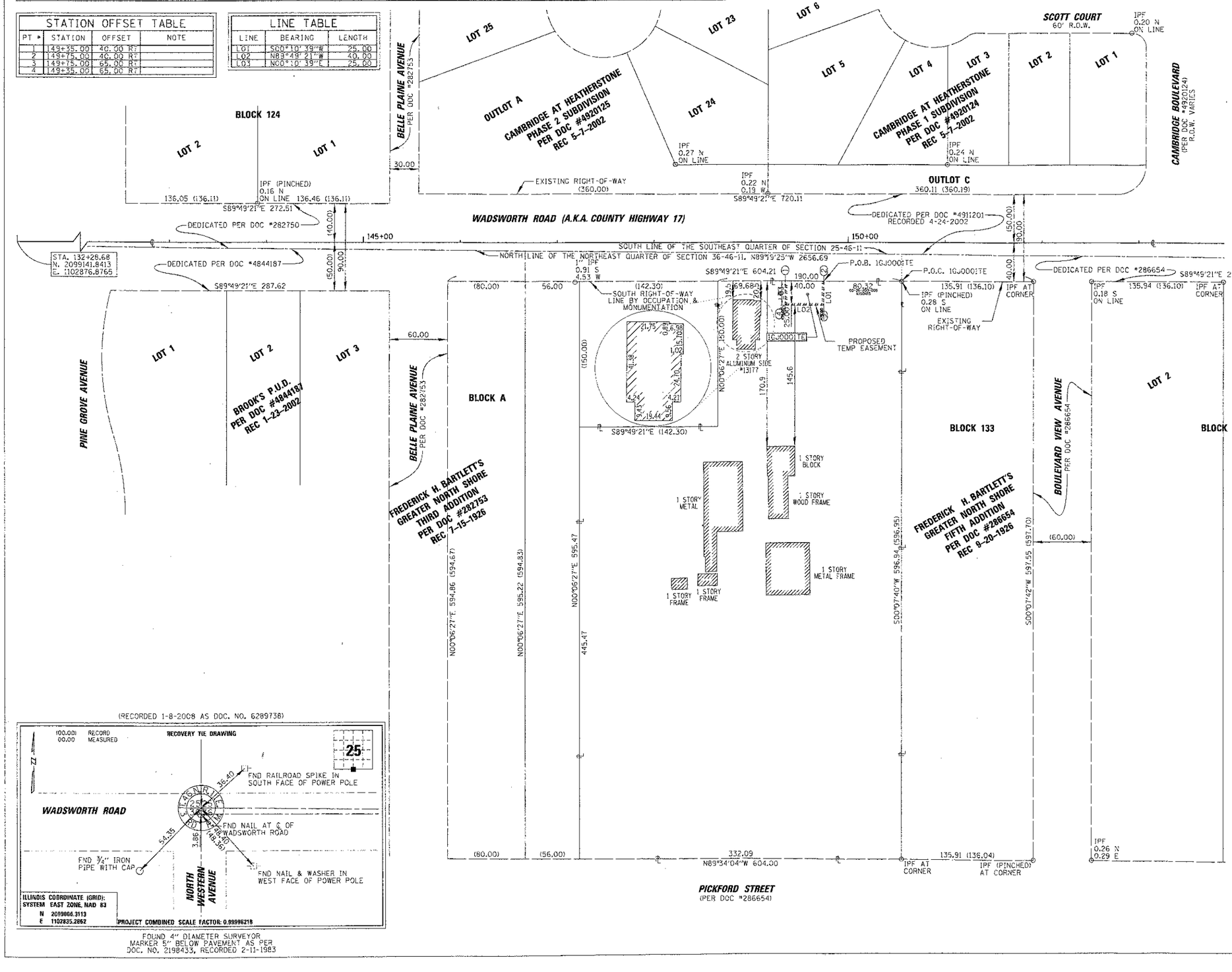
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	85
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PART OF SECTION 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	PREVIOUSLY DEDICATED OR USED	REMAINDER	EASEMENT AREA	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
GJ0001TE	ANTHONY KISONIS AND BETTY KISONIS, HIS WIFE, IN JOINT TENANCY	4.057 AC.			4.053 AC.	0.023 AC.	03-36-200-005		

STATION OFFSET TABLE			
PT	STATION	OFFSET	NOTE
1	149+35.00	40.00 RT	
2	149+75.00	40.00 RT	
3	149+75.00	65.00 RT	
4	149+35.00	65.00 RT	

LINE TABLE		
LINE	BEARING	LENGTH
L01	S00°10'39"W	25.00
L02	N89°49'21"W	40.00
L03	N00°10'39"E	25.00



(RECORDED 1-8-2008 AS DOC. NO. 6289736)

FOUND 4" DIAMETER SURVEYOR MARKER 5" BELOW PAVEMENT AS PER DOC. NO. 2198433, RECORDED 2-11-1983

LEGEND

T.44N.R.11E. 17 16 T.45N.R.11E. — SECTION CORNER; 17 — 16 QUARTER SECTION CORNER

	SECTION LINE
	QUARTER SECTION LINE
	QUARTER, QUARTER SECTION LINE
	PLATTED LOT LINE
P	PROPERTY (DEED) LINE
APL	APPARENT PROPERTY LINE
	CENTERLINE
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	PROPOSED EASEMENT
129.32(COMP)	COMPUTED DIMENSION
(129.32)	RECORD DIMENSION
C12	SEE CURVE TABLE
(23)	SEE STATION OFFSET TABLE

N; 0, 50', 100'

○	IRON PIPE OR ROD FOUND	⊕	PK NAIL FOUND OR SET
+	CUT CROSS FOUND OR SET	•	REPLACED AFTER CONSTRUCTION

• T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

• BT1, BT2, BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ — STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)

■ M — STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

◔ — PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.99996218 BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS }
} SS
COUNTY OF COOK }

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS _____ DAY OF _____, A.D., 20____

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2008

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

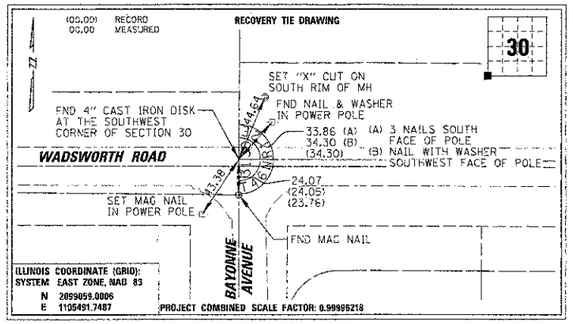
REVISION DATE	DESCRIPTION
2-29-08	IDOT COMMENTS

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE WADSWORTH ROAD (BELLE PLAINE AV TO LYNCH AV)
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 25 & 36 T 46N, R 11 E OF 3RD P.M.
STA 132+28.68 TO STA 153+87.13
DRAWN AJK CONTRACT 63766
SCALE: 1"=50' SHEET NO. 86 OF 189

PART OF SECTION 25, 30, 31 & 36, TOWNSHIP 46 NORTH, RANGE 11 & 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	PREVIOUSLY DEDICATED OR USED	REMAINDER	EASEMENT AREA	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
16J0002	PABLO G. TORRES AND MARIA M. GARCIA, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	0.914 AC.	0.031 AC.		0.883 AC.		03-36-208-003		
16J0003	RUDOLPH GERCHAR AND MARGARET GERCHAR,	3.729 AC.	0.145 AC.		3.584 AC.		04-31-102-001		
16J0003TE	HUSBAND AND WIFE, IN JOINT TENANCY					0.007 AC. 300 SQFT.	04-31-102-002		



DOCUMENT NO: 6289732
RECORDED: 1-8-2008

LINE TABLE		
LINE	BEARING	LENGTH
L04	S00°18'53"W	10.00
L05	N89°49'07"W	135.18
L06	S00°18'10"W	20.00
L07	N89°49'07"W	30.18
L08	S00°10'53"W	20.00
L09	N89°49'07"W	45.00
L10	N00°10'53"E	20.00
L11	N89°49'07"W	60.00
L12	S00°10'53"W	10.00
L13	N89°49'07"W	30.00
L14	N00°10'53"E	10.00
L15	S89°49'07"E	30.00

STATION OFFSET TABLE			
PT #	STATION	OFFSET	NOTE
5	157+19.41	40.00 RT	
6	158+52.43	40.00 RT	
7	158+52.21	50.00 RT	
8	157+19.23	50.00 RT	
9	162+45.26	40.00 RT	
10	163+80.44	40.00 RT	
11	165+15.62	40.00 RT	
12	165+15.69	50.00 RT	
13	163+80.42	50.00 RT	
14	163+80.38	70.00 RT	
15	163+50.20	70.00 RT	
16	163+50.25	90.00 RT	
17	165+05.20	90.00 RT	
18	163+05.20	70.00 RT	
19	162+45.20	70.00 RT	
20	164+39.92	50.00 RT	
21	164+39.92	60.00 RT	
22	164+05.92	60.00 RT	
23	164+09.92	50.00 RT	

CAMBRIDGE BOULEVARD (PER DOC #4911024) R.O.W. VARIES

CAMBRIDGE AT HEATHERSTONE PHASE 1 SUBDIVISION PER DOC #4920124 REC 5-7-2002

OUTLOT B

EXISTING RIGHT-OF-WAY

DEDICATED PER DOC #2198433 AND #2198434 RECORDED 2-11-1983

4" CAST IRON DISK AT CORNER

S89°49'21"E 478.14

DEDICATED PER DOC #4911201 RECORDED 4-24-2002

NAIL FND AT CORNER

WADSWORTH ROAD (A.K.A. COUNTY HIGHWAY 17)

155+00

160+00

165+00

SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 25-46-11, N89°19'25"W 2656.69

NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 36-46-11

272.15 S89°49'21"E

(DEDICATED PER DOC #286654) S89°49'21"E 269.02

IPF AT CORNER

IPF 0.21 N ON LINE

136.21 (136.10)

136.03 (136.10)

132.99 (133.10)

N89°49'21"W 132.99

PROPOSED RIGHT-OF-WAY

(60.00)

DALE AVENUE DEDICATED PER DOC #286654

EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 25-46-11, S00°18'22"W 2607.97

WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 30-46-12

EAST LINE OF THE WEST 300' OF THE SOUTHWEST QUARTER OF SECTION 30-46-12 S00°18'22"W 1357.65

EAST LINE OF THE WEST 600' OF THE SOUTHWEST QUARTER OF SECTION 30-46-12 N00°18'22"E 1352.50

S89°49'07"E (300.00)

DEDICATED PER DOC #5794609 RECORDED 6-8-2005

DEDICATED PER DOC #5857244 RECORDED 9-13-2005

SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 30-46-12

NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 31-46-12, N89°41'13"W 2646.16

STA. 158+85.37
N. 2099133.6099
E. 1105533.5492

DEDICATED PER DOC #5270931 RECORDED 6-13-2003

S89°49'07"E 231.72

97.06

134.64

EXISTING RIGHT-OF-WAY

P.O.B. 16J0003TE

S89°49'07"E 270.37

135.18 (134.75)

DEDICATED PER DOC #328879

PROPOSED TEMP EASEMENT 16J0003TE

PROPOSED RIGHT-OF-WAY

P.O.B. 16J0002
P.O.C. 16J0003TE

(60.00)

ORBERG AVENUE DEDICATED PER DOC #328879

N00°17'47"E 600.95 (601.22)

570.95

S00°18'10"W 600.97

570.97

590.97

590.98

S00°18'33"W 600.98 (601.24)

GREEN AVENUE 60' R.O.W. (DEDICATED PER DOC #328879)

SEE SHEET NO. 2

SEE SHEET NO. 4

2 STORY WOOD FRAME #13019

1 STORY WOOD FRAME

DECK

1 STORY WOOD FRAME

N00°07'23"E 289.19

289.80 S00°07'46"W 299.80

EAST LINE OF THE NORTHEAST QUARTER OF SECTION 36-46-11

BAYONNE AVENUE

WEST LINE OF THE NORTHWEST QUARTER OF SECTION 31-46-12, N00°07'46"E 2683.49

N89°33'37"W 132.96

DEDICATED PER DOC #286654

(R=335.00' L=265.06')

(33.00) (33.00) (66.00)

FREDERICK H. BARTLETT'S GREATER NORTH SHORE FIFTH ADDITION PER DOC #286654 REC 9-20-1926

FREDERICK H. BARTLETT'S NORTH SHORE HILLS FIRST ADDITION PER DOC #328879 REC 12-5-1928

BLOCK 134

BLOCK 135

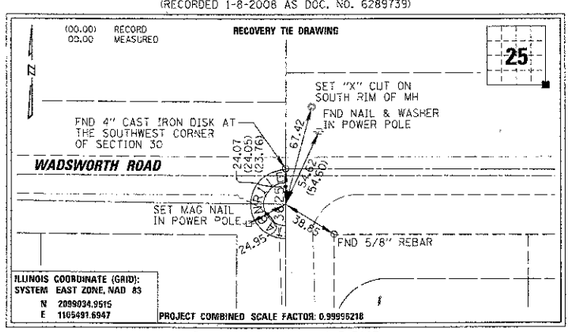
BLOCK 17

BLOCK 16

LOT 1

LOT 2

(RECORDED 1-8-2008 AS DOC. NO. 6289739)



FOUND MAG NAIL AT SOUTHEAST CORNER OF SECTION 25 PER DOC. NO. 2198434, RECORDED 2-11-1983

LEGEND

SECTION CORNER

17 — 16 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
R PROPERTY (DEED) LINE
APL APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
129.32(COMP) COMPUTED DIMENSION
(129.32) RECORD DIMENSION
C12 SEE CURVE TABLE
(23) SEE STATION OFFSET TABLE

N

0 50' 100'

o IRON PIPE OR ROD FOUND
+ CUT CROSS FOUND OR SET
⊕ PK NAIL FOUND OR SET
• REPLACED AFTER CONSTRUCTION

• T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

• BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.99996218BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS _____ DAY OF _____, A.D., 20____

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2008

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

REVISION	
DATE	DESCRIPTION
2-29-08	IDOT COMMENTS

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

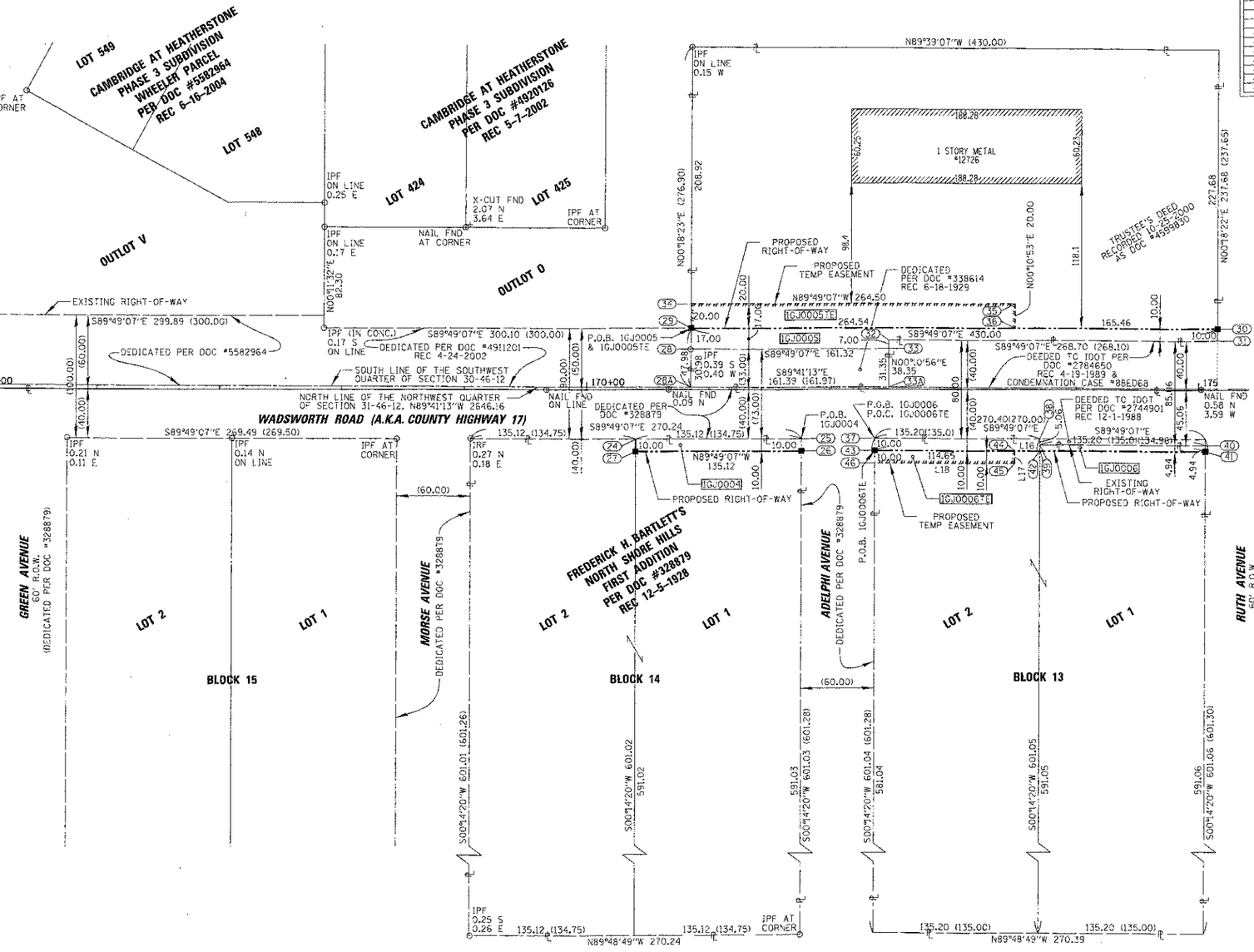
ROUTE WADSWORTH ROAD (BELLE PLAINE AV TO LYNCH AV)
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 25,30,31&36 T46N, R11&12E OF 3RD P.M.
STA 153+87.13 TO STA 164+85.36
DRAWN AJK CONTRACT 63766
SCALE: 1"=50' SHEET NO. 87 OF 189

PART OF SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	PREVIOUSLY DEDICATED OR USED	REMAINDER	EASEMENT AREA	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GJ0004	BEACH PARK DEVELOPMENT, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	3.729 AC.	0.031 AC.		3.698 AC.		04-31-104-001 04-31-104-002		
1GJ0005	F & M PARTNERS	2.494 AC.	0.240 AC.	0.354 AC.	2.254 AC.		04-30-300-025		
1GJ0005TE						0.121 AC.			
1GJ0006	MICHAEL LASACANDRA AND ROSE LASALANDRA, HUSBAND & WIFE, AS JOINT TENANTS	3.715 AC.	0.046 AC.		3.669 AC.		04-31-105-001 04-31-105-004		
1GJ0006TE						0.026 AC.			

LINE TABLE		
LINE	BEARING	LENGTH
L16	N89°49'07"W	270.39
L17	S00°10'53"W	10.00
L18	N89°49'07"W	114.66

STATION OFFSET TABLE			
PT #	STATION	OFFSET	NOTE
24	170+40.24	40.00 RT	
25	171+75.39	40.00 RT	
26	171+75.39	50.00 RT	
27	170+40.23	50.00 RT	
28	170+85.43	33.00 LT	
28A	170+89.16	2.02 LT	
29	170+85.47	50.00 LT	
30	175+15.47	50.00 LT	
31	175+15.45	40.00 LT	
32	172+46.75	40.00 LT	
33	172+46.75	33.00 LT	
33A	172+46.75	1.65 LT	
34	170+85.51	70.00 LT	
35	173+50.01	70.00 LT	
36	173+50.01	50.00 LT	
37	172+35.36	40.00 RT	
38	173+70.55	40.00 RT	
39	173+70.55	45.06 RT	
40	175+05.74	45.06 RT	
41	175+05.74	50.00 RT	
42	173+70.64	50.00 RT	
43	172+35.35	50.00 RT	
44	173+50.00	50.00 RT	
45	173+50.00	60.00 RT	
46	172+35.34	60.00 RT	



LEGEND

SECTION CORNER — 17 — 16 QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32(COMP) — COMPUTED DIMENSION
- (129.32) — RECORD DIMENSION
- C12 — SEE CURVE TABLE
- (24) — SEE STATION OFFSET TABLE

N

0 50' 100'

- o — IRON PIPE OR ROD FOUND
- + — CUT CROSS FOUND OR SET
- ⊕ — PK NAIL FOUND OR SET
- • — REPLACED AFTER CONSTRUCTION

- • T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- • BT1, BT2, BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ — STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)
- ■ M — STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ — PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.999962188 BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS _____ DAY OF _____, A.D., 20____

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2010

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

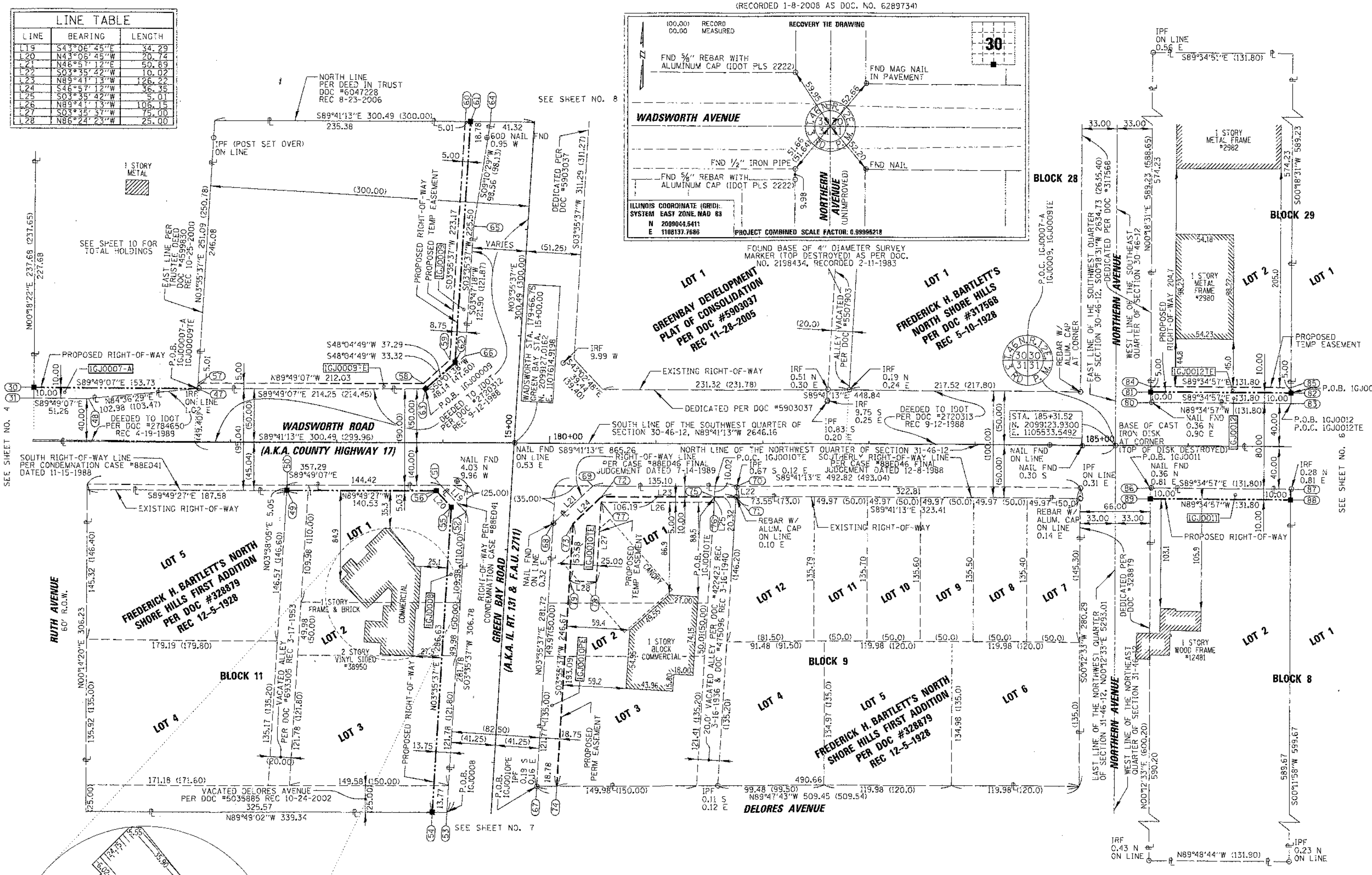
REVISION	
DATE	DESCRIPTION
11-12-09	1GJ0005 PREV. USED AREA
9-25-09	1GJ0004 TH REV
2-29-08	IDOT COMMENTS

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE WADSWORTH ROAD (BELLE PLAINE AV TO LYNCH AV)
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 30 & 31 T 46N, R 12E OF 3RD P.M.
STA 164+85.36 TO STA 175+15.36
DRAWN AJK CONTRACT 63766
SCALE: 1"=50' SHEET NO. 88 OF 189

PART OF SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.

LINE TABLE		
LINE	BEARING	LENGTH
L19	S43°06'45"E	34.29
L20	N43°06'45"W	20.74
L21	N46°57'12"E	50.89
L22	S03°35'42"W	10.02
L23	N89°41'13"W	126.22
L24	S46°57'12"W	36.35
L25	S03°35'42"W	5.01
L26	N89°41'13"W	106.15
L27	S03°35'37"W	75.00
L28	N86°24'23"W	25.00



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32(COMP) — COMPUTED DIMENSION
- (129.32) — RECORD DIMENSION
- C12 — SEE CURVE TABLE
- (23) — SEE STATION OFFSET TABLE

N

0 50' 100'

- ○ IRON PIPE OR ROD FOUND
- ⊕ PK NAIL FOUND OR SET
- + CUT CROSS FOUND OR SET
- • REPLACED AFTER CONSTRUCTION

• T1 T2 T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

• BT1 BT2 BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ — STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)

■ M — STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.99996218BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS________ DAY OF __________, A.D., 20____

KENNETH J. RASMUSSEN, P.L.S.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2012

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	PREVIOUSLY DEDICATED OR USED	REMAINDER	EASEMENT AREA	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GJ0007-A	PATRICIA GRASSWICK AS TRUSTEE PURSUANT TO THE PROVISIONS OF THE PATRICIA GRASSWICK DECLARATION OF TRUST DATED APRIL 3, 2000	9.582 AC.	0.024 AC.	0.296 AC.	9.559 AC.		04-30-300-021 04-30-300-022 04-30-300-024		
1GJ0008	THE BETTY JOHNSON TRUST, DATED MAY 18, 2004.	2.420 AC.	0.110 AC.	0.007 AC. 312 SQ.FT.	2.310 AC.		04-31-106-004		
1GJ0009 1GJ0009TE	LORETO PIANSAY AS TRUSTEE OF THE LIVING TRUST OF LORETO PIANSAY DATED MAY 11, 2006 AS TO AN UNDIVIDED 1/2 INTEREST AND NELITA PIANSAY AS TRUSTEE OF THE LIVING TRUST OF NELITA PIANSAY DATED MAY 11, 2006 AS TO AN UNDIVIDED 1/2 INTEREST	1.432 AC.	0.058 AC.		1.374 AC.	0.054 AC.	04-30-300-017		
1GJ0010PE 1GJ0010TE	NORTH STAR TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED DECEMBER 14, 1982 KNOWN AS TRUST NO. 3013	3.142 AC.			3.142 AC.	0.149 AC. 0.051 AC.	04-31-107-003		
1GJ0011	GREGORY P. FRALEY, DIVORCED AND NOT SINCE REMARRIED	1.816 AC.	0.030 AC.		1.786 AC.		04-31-201-001		
1GJ0012 1GJ0012TE	PATRICIA GRASSWICK AS TRUSTEE PURSUANT TO THE PROVISIONS OF THE PATRICIA GRASSWICK DECLARATION OF TRUST DATED APRIL 3, 2000	1.783 AC.	0.030 AC.		1.753 AC.	0.015 AC.	04-30-425-001		

STATION OFFSET TABLE					
PT #	STATION	OFFSET	PT #	STATION	OFFSET
30	175+15.47	50.00 LT	68	180+03.77	74.94 RT
31	175+15.45	40.00 LT	69	180+40.78	40.00 RT
47	176+69.20	50.00 LT	70	181+75.78	40.00 RT
48	175+66.70	40.00 LT	71	181+75.20	50.00 RT
49	177+53.32	45.04 RT	72	180+48.98	50.00 RT
50	177+53.62	40.00 RT	73	180+22.55	74.96 RT
51	178+98.04	40.00 RT	74	180+08.44	321.22 RT
52	179+21.55	64.96 RT	75	181+55.17	50.00 RT
53	179+04.78	346.24 RT	76	181+54.88	55.00 RT
54	179+04.78	346.24 RT	77	180+48.74	55.00 RT
55	179+04.78	346.24 RT	78	180+44.45	129.88 RT
56	178+93.85	45.03 RT	79	180+19.49	128.45 RT
57	176+69.50	55.00 LT	80	185+64.44	40.00 LT
58	178+81.52	55.00 LT	81	185+64.42	50.00 LT
59	179+06.25	77.34 LT	82	186+96.22	50.00 LT
60	179+19.53	300.11 LT	83	186+96.24	40.00 LT
61	179+24.54	300.10 LT	84	185+64.41	55.00 LT
62	179+11.12	75.00 LT	85	186+96.21	55.00 LT
63	178+83.45	50.00 LT	86	185+64.66	40.00 RT
64	179+43.32	300.05 LT	87	186+96.46	40.00 RT
65	179+27.91	202.70 LT	88	186+96.50	50.00 RT
66	179+20.24	81.04 LT	89	185+64.70	50.00 RT
67	179+89.65	321.26 RT			

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

REVISION	
DATE	DESCRIPTION
9-20-12	OWNER CHANGES
8-05-09	OWNER CHANGES
3-21-08	IDOT COMMENTS
2-29-08	IDOT COMMENTS

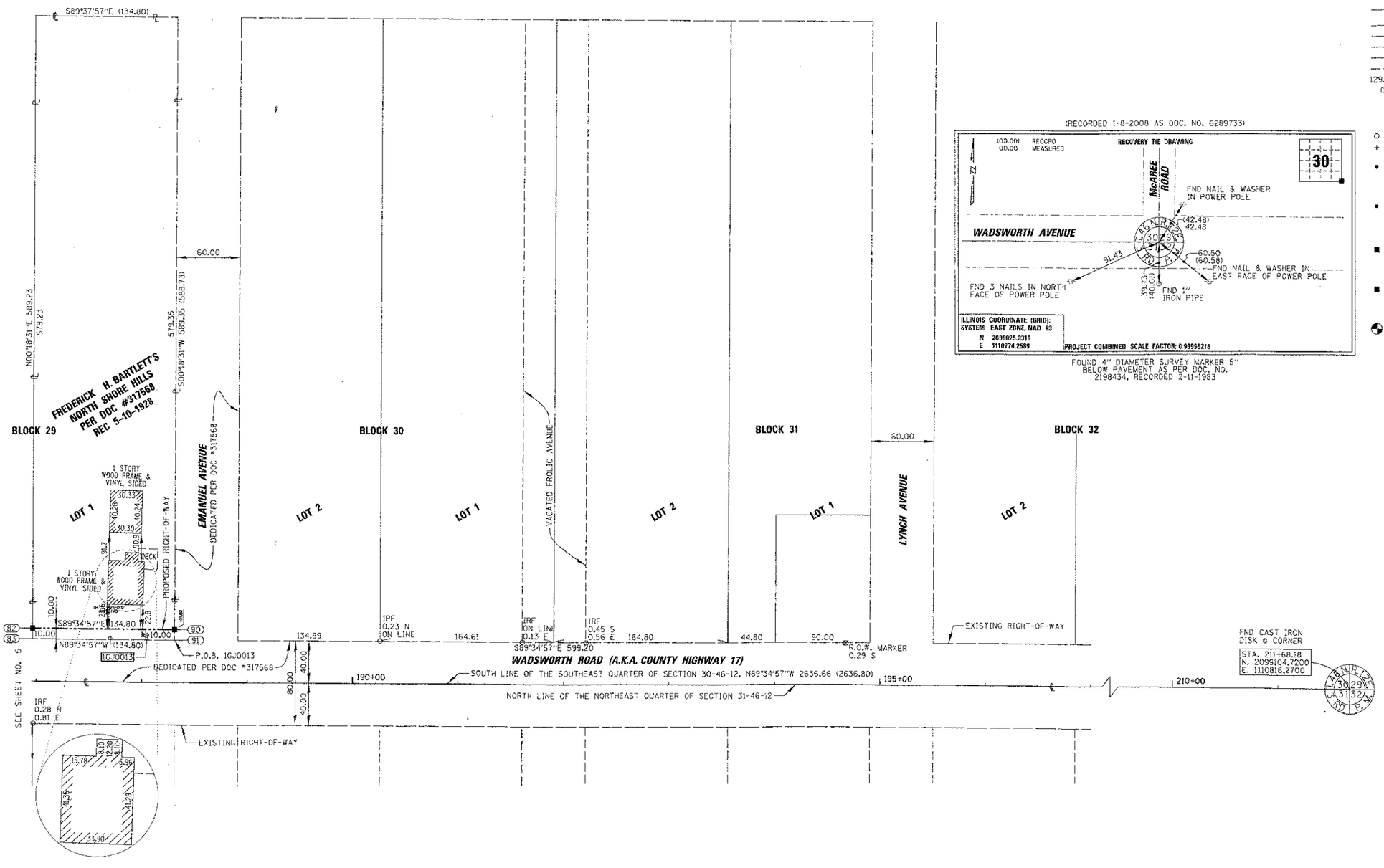
ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE WADSWORTH ROAD (BELLE PLAINE AV TO LYNCH AV)
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 30 & 31 T 46N, R 12E OF 3RD P.M.
STA 175+15.36 TO STA 186+96.32
DRAWN AJK CONTRACT 63766
SCALE: 1"=50'

PART OF SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	PREVIOUSLY DEDICATED OR USED	REMAINDER	EASEMENT AREA	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GJ0013	DONALD F. MASSIMO AND ANNA MASSIMO, HUSBAND AND WIFE, IN JOINT TENANCY	1.824 AC.	0.031 AC.		1.793 AC.		04-30-425-002		

STATION OFFSET TABLE			
PT #	STATION	OFFSET	NOTE
B2	186+96.22	50.00 LT	
B3	186+96.24	40.00 LT	
90	188+31.02	50.00 LT	
91	188+31.04	40.00 LT	



(RECORDED 1-8-2008 AS DOC. NO. 6289733)

FOUND 4" DIAMETER SURVEY MARKER 5" BELOW PAVEMENT AS PER DOC. NO. 2198434, RECORDED 2-11-1983

LEGEND

SECTION CORNER — QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32(COMP) COMPUTED DIMENSION
- (129.32) RECORD DIMENSION
- C12 SEE CURVE TABLE
- (23) SEE STATION OFFSET TABLE

N

0 50' 100'

- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ PK NAIL FOUND OR SET
- • REPLACED AFTER CONSTRUCTION

• T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

• BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

◔ PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.99996218BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS _____ DAY OF _____, A.D., 20 ____

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2008

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

REVISION	
DATE	DESCRIPTION
2-29-08	IDOT COMMENTS

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE WADSWORTH ROAD (BELLE PLAINE AV TO LYNCH AV)
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 30 & 31 T 46N, R 12E OF 3RD P.M.
STA 186+96.32 TO STA 211+68.18
DRAWN AJK CONTRACT 63766
SCALE: 1"=50' SHEET NO. 90 OF 189

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	PREVIOUSLY DEDICATED OR USED	REMAINDER	EASEMENT AREA	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GJ0014	WILLIAM J. KASTEN	0.381 AC.	0.004 AC. 162 SQFT.		0.377 AC.		04-31-120-007 04-31-120-008		
1GJ0015	HECTOR B. RUIZ, JR. AND ANA RUIZ, IN JOINT TENANCY	0.417 AC.	0.004 AC. 162 SQFT.		0.413 AC.		04-31-121-011		
1GJ0016	BERNARD J. WHITE AND ROSE M. WHITE, HUSBAND AND WIFE, AS JOINT TENANTS	3.577 AC.	0.056 AC.		3.521 AC.		04-31-117-001		
1GJ0016TE						0.010 AC.	04-31-117-002 04-31-117-003 04-31-117-004 04-31-117-005 04-31-117-006		
1GJ0017	THE BETTY JOHNSON TRUST, DATED MAY 18, 2004	1.075 AC.	0.106 AC.		0.969 AC.		04-31-116-007 04-31-116-008 04-31-116-009 04-31-116-013		

LINE TABLE

LINE	BEARING	LENGTH
L29	N43°13'29"W	24.64
L30	S46°46'22"W	26.25

LEGEND

SECTION CORNER — QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32(COMP) — COMPUTED DIMENSION
- (129.32) — RECORD DIMENSION
- C12 — SEE CURVE TABLE
- (23) — SEE STATION OFFSET TABLE

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- PK NAIL FOUND OR SET
- REPLACED AFTER CONSTRUCTION

T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

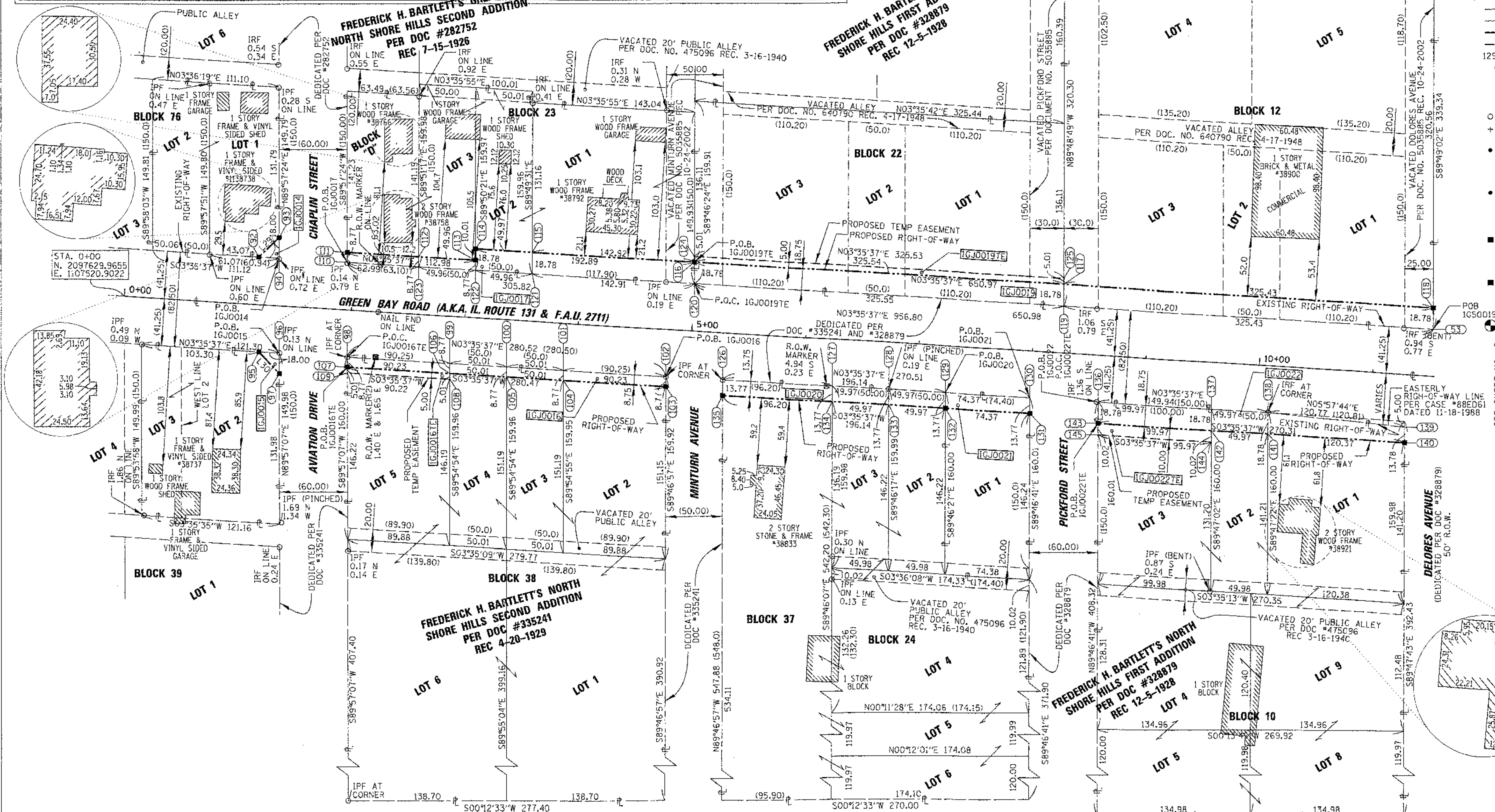
BT1, BT2, BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ — STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)

■ M — STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

0 50' 100' Z



NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.99996218BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS________ DAY OF __________, A.D., 20____

KENNETH J. RASMUSSEN, P.L.S.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2012

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	PREVIOUSLY DEDICATED OR USED	REMAINDER	EASEMENT AREA	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GJ0019	MAX JOHNSON	3.652 AC.	0.280 AC.		3.372 AC.		04-31-108-002		
1GJ0019TE						0.037 AC.	04-31-114-004		
1GJ0020	BRIDGETTE R. OTTERBACHER	3.074 AC.	0.062 AC.		3.012 AC.		04-31-115-002 04-31-115-003 04-31-115-004 04-31-115-005 04-31-115-007		
1GJ0021	COSTICA IFTIMIE AND ANGHELINA IFTIMIE AS JOINT TENANTS	0.273 AC.	0.023 AC.		0.250 AC.		04-31-115-001		
1GJ0022	AMERICAN NATIONAL BANK AND TRUST	2.474 AC.	0.109 AC.	0.007 AC. 300 S.F	2.365 AC.		04-31-109-002		
1GJ0022TE	COMPANY OF WAUKEEGAN, ILLINOIS, AS TRUSTEE UNDER THE PROVISIONS OF TRUST AGREEMENT DATED THE 14TH DAY OF OCTOBER, 1975, KNOWN AS TRUST NO. 831					0.023 AC.	04-31-109-003 04-31-109-004 04-31-109-005 04-31-109-007 04-31-109-008 04-31-109-011		

STATION OFFSET TABLE

PT #	STATION	OFFSET	PT #	STATION	OFFSET	PT #	STATION	OFFSET	PT #	STATION	OFFSET
53	11+50.69	41.25 LT	105	3+39.77	50.00 RT	119	8+25.25	41.25 LT	133	6+76.55	55.00 RT
92	1+15.76	41.25 LT	106	2+89.76	50.00 RT	120	4+99.70	41.25 LT	134	6+26.58	55.00 RT
93	1+32.62	59.21 LT	107	1+99.53	50.00 RT	121	3+56.80	41.25 LT	135	5+30.39	55.00 RT
94	1+33.76	41.25 LT	108	2+90.07	55.00 RT	122	3+06.83	41.25 LT	136	8+60.19	41.25 RT
95	1+20.85	41.25 RT	109	1+99.85	55.00 RT	123	2+56.87	41.25 LT	137	9+60.15	41.25 RT
96	1+38.85	41.25 RT	110	1+93.88	41.25 LT	124	4+98.30	65.00 LT	138	10+10.12	41.25 RT
97	1+39.99	59.21 RT	111	1+93.33	50.00 LT	125	8+23.84	65.00 LT	139	11+30.79	46.24 RT
98	1+98.97	41.25 RT	112	2+56.35	50.00 LT	126	5+29.58	41.25 RT	140	11+31.60	60.00 RT
99	2+89.23	41.25 RT	113	3+06.31	50.00 LT	127	6+25.78	41.25 RT	141	10+11.23	60.00 RT
100	3+39.23	41.25 RT	114	3+05.71	60.00 LT	128	6+75.74	41.25 RT	142	9+61.26	60.00 RT
101	3+89.24	41.25 RT	115	3+55.68	60.00 LT	129	7+25.71	41.25 RT	143	8+61.29	60.00 RT
102	4+79.49	41.25 RT	116	4+98.60	60.00 LT	130	8+00.08	41.25 RT	144	9+61.85	70.00 RT
103	4+80.00	50.00 RT	117	8+24.14	60.00 LT	131	8+00.89	55.00 RT	145	8+61.88	70.00 RT
104	3+89.77	50.00 RT	118	11+49.57	60.00 LT	132	7+26.52	55.00 RT			

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

REVISION	
DATE	DESCRIPTION
9-20-12	OWNER CHANGES
11-09-09	1GJ0020 TH REV
10-20-09	1GJ0016 TH REV
9-25-09	1GJ0022 TH REV
8-05-09	OWNER CHANGES
7-08-09	1GJ0014 TH REV
2-29-08	IDOT COMMENTS

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE IL. RTE. 131 (GREEN BAY ROAD) (CHANEY ST TO PRINCETON AV)
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 31 T 46N, R 12E OF 3RD P.M.
STA 0+00 TO STA 11+53.14
DRAWN AJK CONTRACT 63766
SCALE: 1"=50' SHEET NO. 91 OF 189

PART OF SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	PREVIOUSLY DEDICATED OR USED	REMAINDER	EASEMENT AREA	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GJ0007-B	PATRICIA GRASSWICK AS TRUSTEE PURSUANT TO THE PROVISIONS OF THE PATRICIA GRASSWICK DECLARATION OF TRUST DATED APRIL 3, 2000	9.582 AC.	0.430 AC.	0.296 AC.	9.448 AC.		04-30-300-021 04-30-300-022 04-30-300-024		
1GJ0023	MOLLY MAHARREY	0.287 AC.	0.010 AC.		0.277 AC.		04-30-304-004		
1GJ0024	RAMON PEREZ & MARIA PEREZ, AS JOINT TENANTS	0.287 AC.	0.013 AC.		0.274 AC.		04-30-304-003		
1GJ0025	DEBORAH NEVAREZ & YOLANDA BESS, AS JOINT TENANTS	0.287 AC.	0.019 AC.		0.268 AC.		04-30-304-002		
1GJ0026	PETER JAMES STANONIK III, & JOYCE L. STANONIK, HIS WIFE, IN JOINT TENANCY	0.518 AC.	0.039 AC.		0.479 AC.		04-30-304-001		
1GJ0027	RICHARD W. HJORTNESS	7.468 AC.	0.572 AC.	0.417 AC.	6.896 AC.		04-30-300-013 04-30-300-016		

STATION OFFSET TABLE			
PT #	STATION	OFFSET	NOTE
47	15+32.20	300.00 LT	
48	14+42.34	210.97 LT	
50	14+47.39	210.97 RT	
51	14+55.38	60.21 LT	
52	14+32.47	41.25 LT	
53	11+50.69	41.25 LT	
54	11+49.87	55.00 LT	
55	14+58.49	55.00 LT	
56	14+60.77	70.09 LT	
57	15+37.27	300.00 LT	
58	15+49.83	88.35 LT	
59	15+73.60	65.00 LT	
60	17+96.77	85.00 LT	
61	17+97.05	60.00 LT	
62	15+71.58	60.00 LT	
63	15+44.95	86.13 LT	
64	17+98.13	41.25 LT	
65	17+00.03	50.84 LT	
66	15+78.13	51.25 LT	
67	11+80.58	41.25 RT	
68	14+21.30	41.25 RT	
69	14+64.30	76.19 RT	
70	14+72.03	210.97 RT	
71	14+62.01	210.97 RT	
72	14+54.79	84.96 RT	

STATION OFFSET TABLE			
PT #	STATION	OFFSET	NOTE
73	14+28.36	60.00 RT	
74	11+8.69	60.00 RT	
75	14+60.85	190.69 RT	
76	14+56.86	70.97 RT	
77	14+49.78	85.00 RT	
78	13+74.78	85.00 RT	
79	13+74.78	60.00 RT	
146	19+49.04	60.00 LT	
147	21+09.29	60.00 LT	
148	22+49.52	60.00 LT	
149	22+50.58	41.25 LT	
150	21+10.38	41.25 LT	
151	19+50.10	41.25 LT	
152	18+92.45	41.25 RT	
153	19+42.51	41.25 RT	
154	19+92.57	41.25 RT	
155	20+42.63	41.25 RT	
156	21+53.30	41.25 RT	
157	21+34.34	60.00 RT	
158	20+43.72	60.00 RT	
159	19+93.37	55.00 RT	
160	19+45.02	50.00 RT	
161	18+92.96	50.00 RT	
162	22+49.80	55.00 LT	
196	18+00.49	0.00 RT	
197	21+12.70	0.00 RT	

LEGEND

SECTION CORNER; 17 — 16 QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- (R) PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32(COMP) COMPUTED DIMENSION
- (129.32) RECORD DIMENSION
- C12 SEE CURVE TABLE
- (23) SEE STATION OFFSET TABLE

0 50' 100'

- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ PK NAIL FOUND OR SET
- • REPLACED AFTER CONSTRUCTION

- • T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- • BT1, BT2, BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◐ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.999962188ASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS _____ DAY OF _____, A.D., 20____

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2008

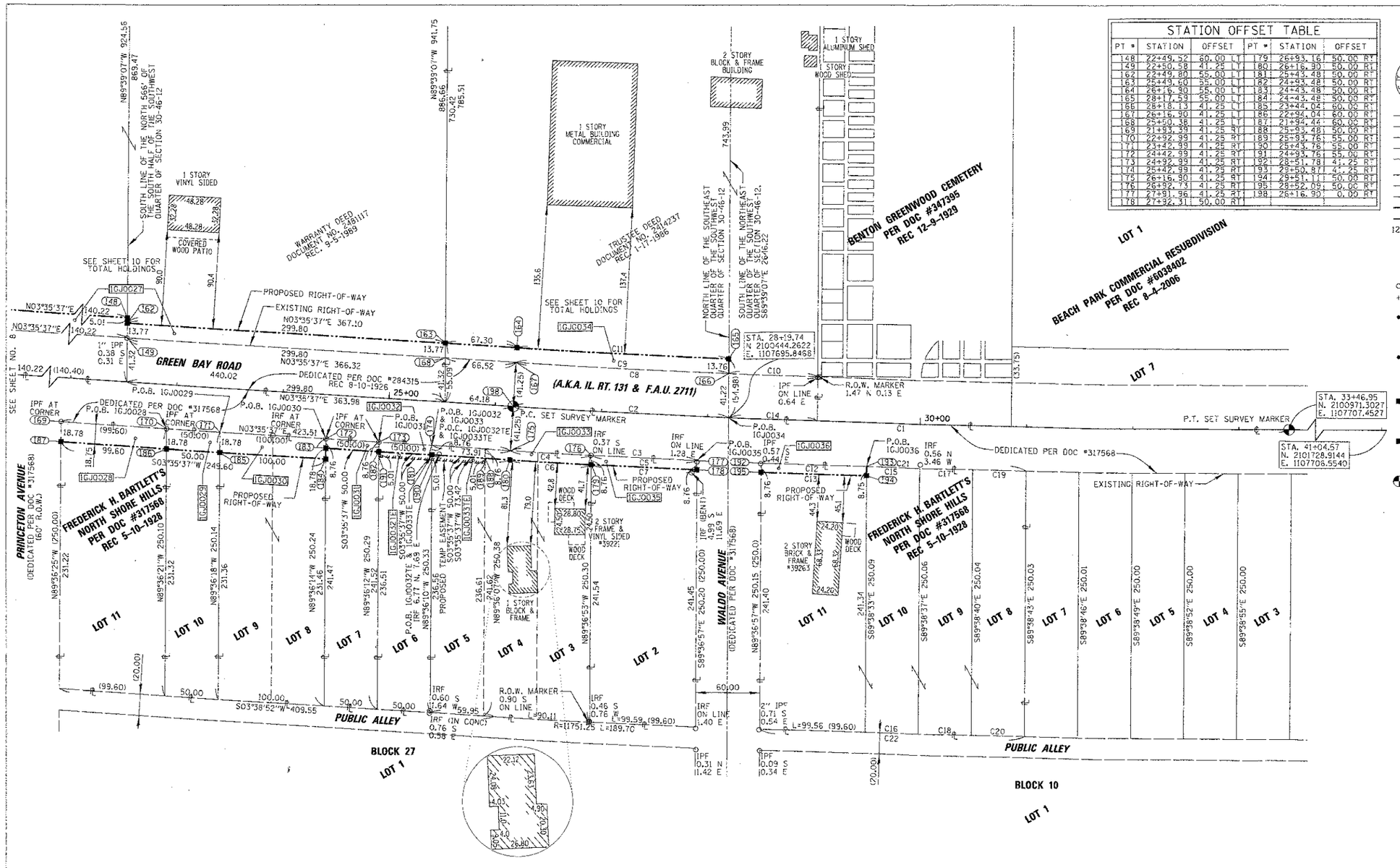
LINE TABLE		
LINE	BEARING	LENGTH
L19	S43°06'45"E	34.80
L21	N46°57'12"E	50.89
L40	N03°35'37"E	50.06 (50.0)
L41	N03°35'37"E	90.66 (90.60)
L42	S03°35'37"W	90.62
L43	S09°15'52"W	50.80
L44	S09°15'52"W	50.60
L45	S03°35'37"W	50.06

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

REVISION	
DATE	DESCRIPTION
2-29-08	IDOT COMMENTS

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
IL. RTE. 131 (GREEN BAY ROAD)
ROUTE (CHANEY ST TO PRINCETON AV)
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 30 & 31 T 46N, R 12E OF 3RD P.M.
STA 11+53.14 TO STA 22+52.92
DRAWN AJK CONTRACT 63766
SCALE: 1"=50' SHEET NO. 92 OF 189

PART OF SECTION 30, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.



STATION OFFSET TABLE

PT #	STATION	OFFSET	PT #	STATION	OFFSET
148	22+49.52	60.00 LT	179	26+93.16	50.00 RT
149	22+50.58	41.25 LT	180	26+16.90	50.00 RT
162	22+49.80	55.00 LT	181	24+43.48	50.00 RT
163	22+49.50	55.10 LT	182	24+43.48	50.00 RT
164	26+16.90	55.00 LT	183	24+43.48	50.00 RT
165	28+17.53	55.00 LT	184	24-43.48	50.00 RT
166	28+18.13	41.25 LT	185	23+44.04	60.00 RT
167	26+16.90	41.25 LT	186	22+94.04	60.00 RT
168	25+00.38	41.25 LT	187	21+94.44	60.00 RT
169	21+93.39	41.25 RT	188	25-93.48	50.00 RT
170	22+92.99	41.25 RT	189	25-93.76	55.00 RT
171	23+42.99	41.25 RT	190	25+43.76	55.00 RT
172	24+42.98	41.25 RT	191	24+93.76	55.00 RT
173	24+92.99	41.25 RT	192	28+51.78	41.25 RT
174	25+42.99	41.25 RT	193	29+50.87	41.25 RT
175	26+16.90	41.25 RT	194	29+51.11	50.00 RT
176	26+92.73	41.25 RT	195	28+92.09	50.00 RT
177	27+91.96	41.25 RT	196	26+16.90	0.00 RT
178	27+92.31	50.00 RT			

LEGEND

- SECTION CORNER
- 17 / 16 QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32(COMP) COMPUTED DIMENSION
- (129.32) RECORD DIMENSION
- C12 SEE CURVE TABLE
- (23) SEE STATION OFFSET TABLE
- ○ IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ PK NAIL FOUND OR SET
- • REPLACED AFTER CONSTRUCTION
- • T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- • BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◔ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

0 50' 100'

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.99996218BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE, (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS _____ DAY OF _____, A.D., 20____

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2010

CURVE TABLE

CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	11460.00	3°39'00"	730.05	N01°46'07"E	729.93
C2	11460.00	1°00'51"	202.84	S03°05'11"W	202.84
C3	11501.25	0°52'31"	175.69	N03°09'21"E	175.68
C4	11501.25	0°22'45"	76.10	N03°24'14"E	76.10
C5	11501.25	0°29'46" (99.60)	99.59	N02°57'59"E	99.59
C6	11510.00	0°22'53"	76.59	S03°24'11"W	76.59
C7	11510.00	0°29'45"	99.58	S02°57'52"W	99.58
C8	11418.75	1°25'36"	284.00	N02°52'52"E	284.00
C9	11418.76	1°00'29"	200.50	N03°05'26"E	200.50
C10	11418.75	0°25'08"	83.50	N02°22'41"E	83.50
C11	11405.00	1°00'12"	199.72	N03°05'31"E	199.72
C12	11501.25	0°29'43" (99.60)	99.44	N02°10'18"E	99.44
C13	11510.00	0°29'42"	99.44	S02°10'13"W	99.44
C14	11460.00	0°25'03" (84.15)	83.50	N02°22'15"E	83.50
C15	11501.25	0°14'56"	49.96	N01°47'58"E	49.96
C16	11751.25	0°14'37"	49.96	N01°48'07"E	49.96
C17	11501.25	0°14'56"	49.96	N01°33'02"E	49.96
C18	11751.25	0°14'37"	49.96	N01°31'30"E	49.96
C19	11501.25	0°14'56"	49.96	N01°18'06"E	49.96
C20	11751.25	0°14'37"	49.96	N01°16'52"E	49.96
C21	11501.25	1°12'31"	249.32	N01°47'54"E	249.32
C22	11751.25	1°12'38"	249.45	N01°46'04"E	249.44

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	PREVIOUSLY DEDICATED OR USED	REMAINDER	EASEMENT AREA	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GJ0027	RICHARD W. HJORTNESS	7.468 AC.	0.572 AC.	0.417 AC.	6.896 AC.		04-30-300-013 04-30-300-016		
1GJ0028	JAMIE WALKER	0.571 AC.	0.043 AC.		0.528 AC.		04-30-303-009		
1GJ0029	ROBERT D. BURGETT AS TRUSTEE OF THE ROBERT D. BURGETT REVOCABLE TRUST, DATED JUNE 21, 2006	0.287 AC.	0.022 AC.		0.265 AC.		04-30-303-008		
1GJ0030	WAUKEGAN PORT DISTRICT	0.573 AC.	0.043 AC.		0.530 AC.		04-30-303-007		
1GJ0031	ANTONIO ARIZMENDI	0.287 AC.	0.010 AC.		0.277 AC.		04-30-303-006		
1GJ0032	MARIA OLSON AND ROBERT OLSON, IN JOINT TENANCY	0.287 AC.	0.010 AC.		0.277 AC.		04-30-303-005		
1GJ0032TE						0.006 AC. 250 SQFT.			
1GJ0033	ANTONIO ARIZMENDI A.K.A. ANTONIO ARIZMENDI, A SINGLE PERSON	0.861 AC.	0.030 AC.		0.831 AC.		04-30-303-012		
1GJ0033TE						0.006 AC. 250 SQFT.	04-30-303-004		
1GJ0034	BIBLICAL BABTIST CHURCH WHICH ACQUIRED TITLE AS BIBLE BAPTIST CHURCH OF WAUKEGAN, INC.	6.559 AC.	0.337 AC.	0.253 AC.	6.222 AC.		04-30-300-008		
1GJ0035	MANUEL ZUNIGA & PAULA ZUNIGA, HIS SPOUSE, IN JOINT TENANCY	0.572 AC.	0.020 AC.		0.552 AC.		04-30-303-001		
1GJ0036	MANUEL G. ZUNIGA & PAULA C. ZUNIGA, HIS WIFE, IN JOINT TENANCY	1.431 AC.	0.020 AC.		1.411 AC.		04-30-302-006 04-30-302-007 04-30-302-008 04-30-302-009		

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

REVISION	
DATE	DESCRIPTION
8-3-10	1GJ0034 REV.
9-21-09	1GJ0036 REV.
2-29-08	IDOT COMMENTS

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
IL. RTE. 131 (GREEN BAY ROAD)
ROUTE (CHANEY ST TO PRINCETON AV)
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 30 T 46N, R 12E OF 3RD P.M.
STA 21+91.08 TO STA 41+04.57
DRAWN AJK CONTRACT 63766
SCALE: 1"=50' SHEET NO. 93 OF 189

PART OF SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.

CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C2	11405.00	1°00'12"	199.72	N03°05'31"E	199.72
C8	11418.75	1°25'30"	284.00	N02°52'52"E	284.00

LEGEND

- SECTION CORNER
- 17 / 16 QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32(COMP) — COMPUTED DIMENSION
- (129.32) — RECORD DIMENSION
- C12 — SEE CURVE TABLE
- (27) — SEE STATION OFFSET TABLE

N

0 60' 120'

- o IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ PK NAIL FOUND OR SET
- • REPLACED AFTER CONSTRUCTION

• T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

• BT1, BT2, BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.9999621888ASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS_____ DAY OF _____, A.D., 20____

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2010

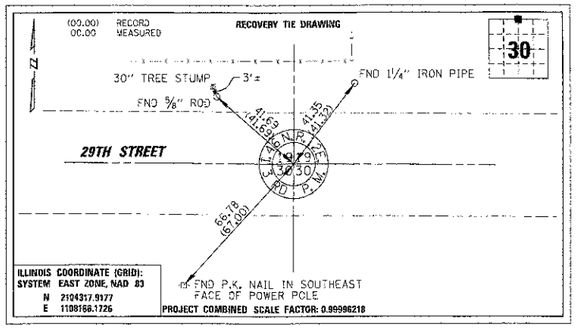
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

REVISION	
DATE	DESCRIPTION
6-09-10	NORTH ARROW
2-29-08	IDOT COMMENTS

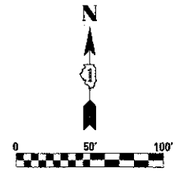
ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE IL. RTE. 131 (GREEN BAY ROAD) (CHANEY ST TO PRINCETON AV)
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 30 & 31 T 46N, R 12E OF 3RD P.M.
STA TO STA
DRAWN AJK CONTRACT 63766
SCALE: 1"=60' SHEET NO. 94 OF 189

PART OF SECTION 25, 30 & 31, TOWNSHIP 46 NORTH, RANGE 11 & 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.

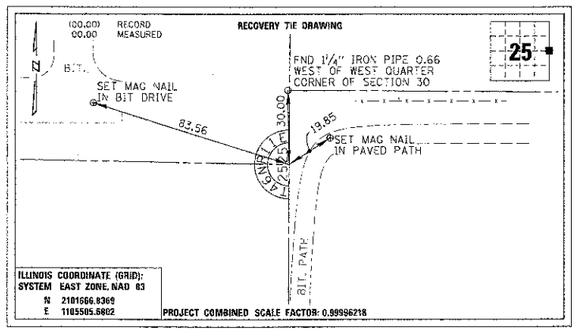
(RECORDED 1-8-2008 AS DOC. NO. 6289735)



FOUND 3/4" IRON PIPE AT NORTH QUARTER CORNER AS PER DOC. NO. 2663474, RECORDED 3-10-1988

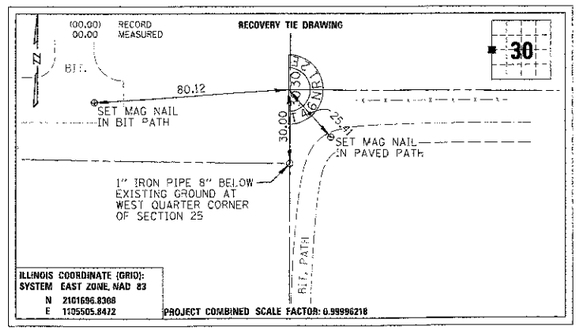


(RECORDED 1-8-2008 AS DOC. NO. 6289740)



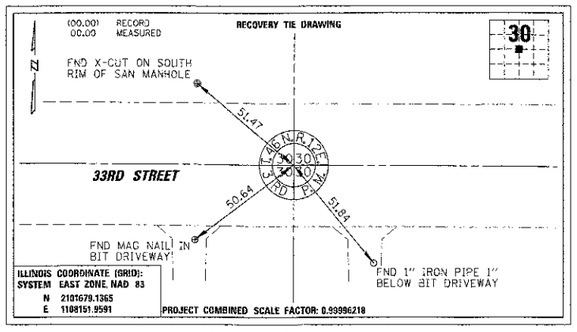
FOUND 1" IRON PIPE AT THE EAST QUARTER CORNER OF SECTION 25

(RECORDED 1-8-2008 AS DOC. NO. 6289731)



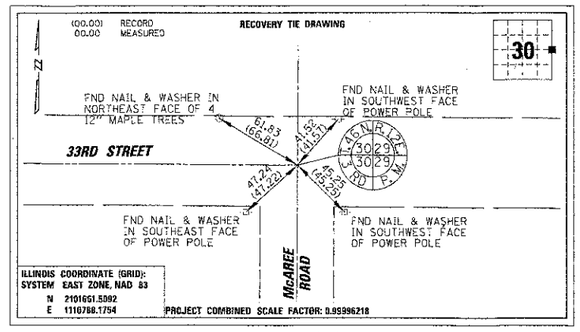
FND 1 1/4" IRON PIPE 0.66 WEST OF WEST QUARTER CORNER OF SECTION 30

(RECORDED 1-8-2008 AS DOC. NO. 6289737)



FOUND 4" CAST IRON DISK AT CENTER QUARTER CORNER

(RECORDED 1-8-2008 AS DOC. NO. 6289736)



FOUND CAST IRON DISK IN PAVEMENT AT EAST QUARTER CORNER AS PER DOC. NO. 5517821, RECORDED 3-16-2004

LEGEND

SECTION CORNER — 17 — 16 QUARTER SECTION CORNER

———	SECTION LINE
———	QUARTER SECTION LINE
———	QUARTER, QUARTER SECTION LINE
———	PLATTED LOT LINE
——P———	PROPERTY (DEED) LINE
——APL———	APPARENT PROPERTY LINE
———	CENTERLINE
———	EXISTING RIGHT OF WAY LINE
———	PROPOSED RIGHT OF WAY LINE
———	PROPOSED EASEMENT
129.32(COMP)	COMPUTED DIMENSION
(129.32)	RECORD DIMENSION
C12	SEE CURVE TABLE
(23)	SEE STATION OFFSET TABLE

○	IRON PIPE OR ROD FOUND	⊕	PK NAIL FOUND OR SET
+	CUT CROSS FOUND OR SET	•	REPLACED AFTER CONSTRUCTION

• T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

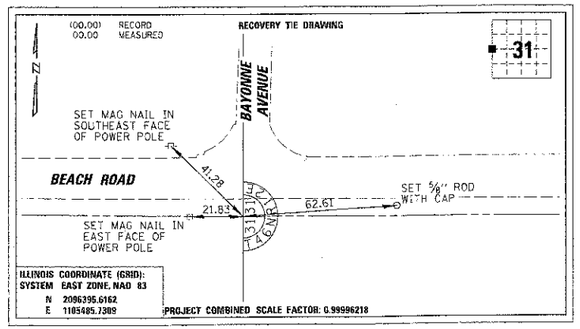
• BT1, BT2, BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ — STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. (SURVEYOR WILL SET UPON COMPLETION OF NEW CONSTRUCTION)

■ M — STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

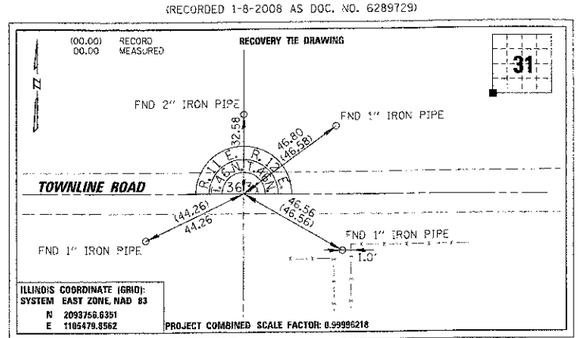
PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)

(RECORDED 1-8-2008 AS DOC. NO. 6289728)



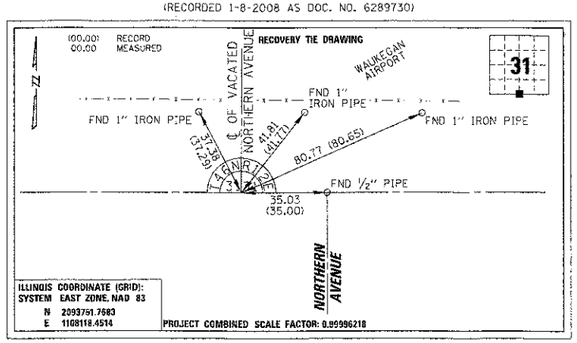
FOUND PINCHED TOP IRON PIPE AT WEST QUARTER CORNER

(RECORDED 1-8-2008 AS DOC. NO. 6289729)



FOUND 1/2" IRON ROD 7" BELOW PAVEMENT AS PER DOC. NO. 2186791 AT SOUTHWEST CORNER OF SECTION 31, RECORDED 11-23-1982

(RECORDED 1-8-2008 AS DOC. NO. 6289730)



3/4" REBAR FOUND AT SOUTH QUARTER CORNER OF SECTION 31 AS PER DOC. NO. 2186792, RECORDED 11-23-1982

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM A AVERAGE COMBINED SCALE FACTOR OF 0.99996218BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-1997 ADJUSTMENT)

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

WE, CHRISTOPHER B. BURKE ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-001175, DECLARE THAT WE HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTIONS 25 & 36, TOWNSHIP 46 NORTH, RANGE 11 EAST AND SECTION 30 & 31, TOWNSHIP 46 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED THIS _____ DAY OF _____, A.D., 20____

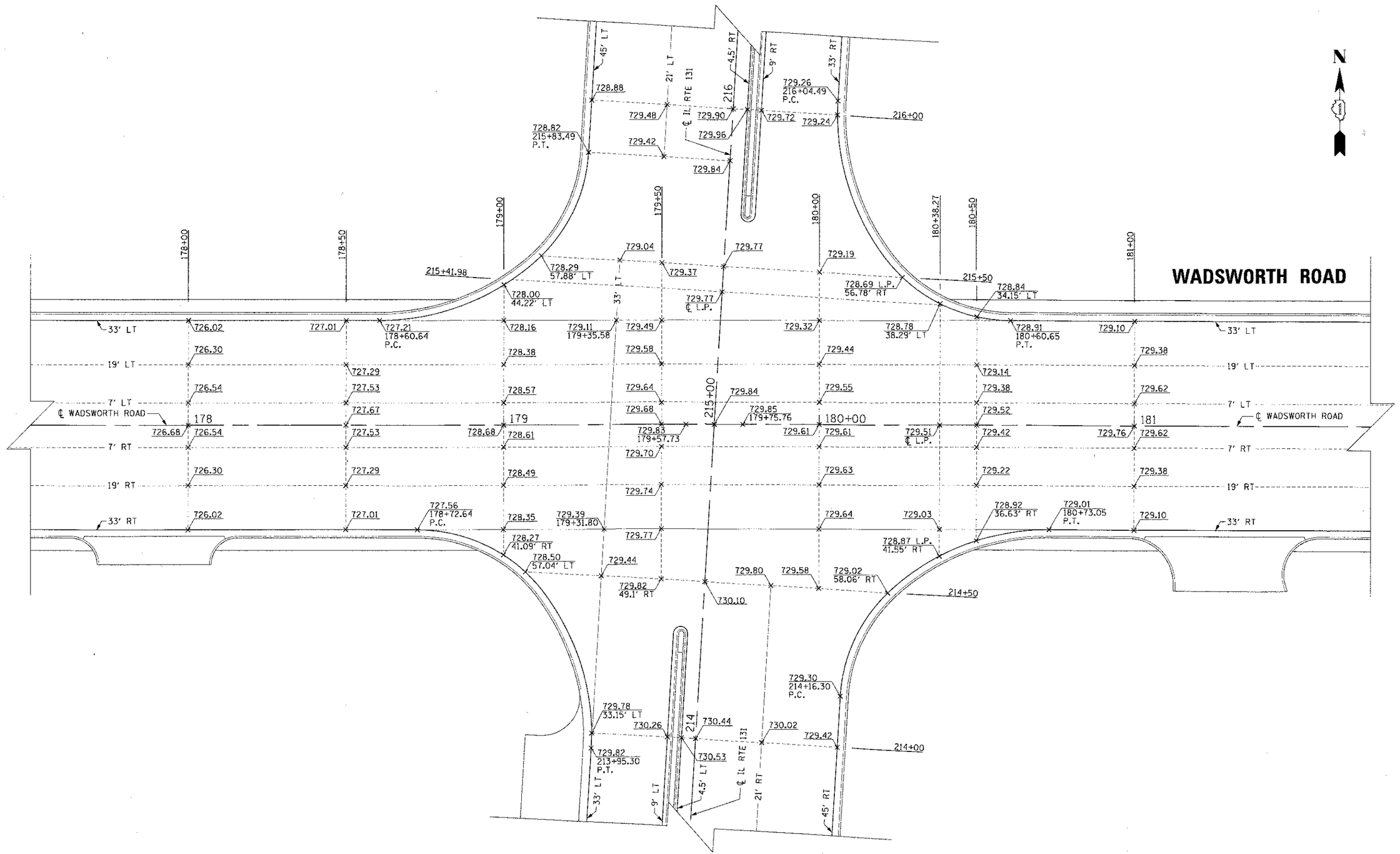
_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
MY LICENSE EXPIRES 11/30/2008

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

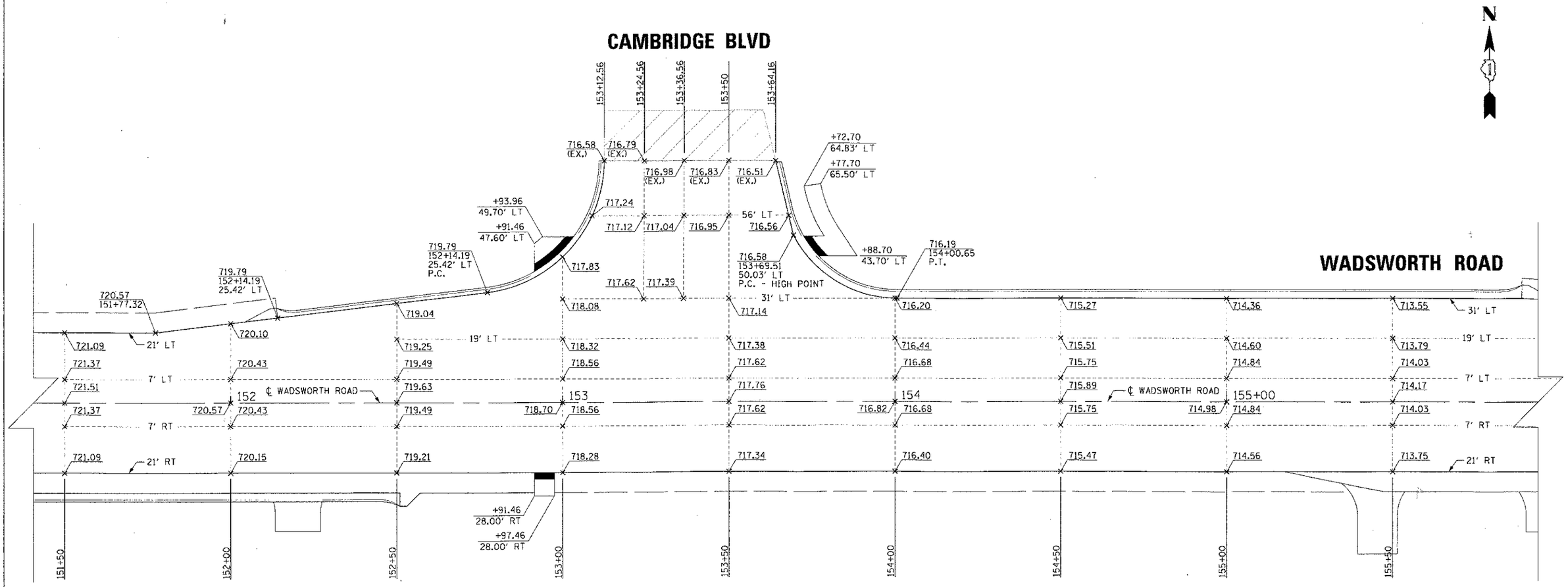
REVISION	
DATE	DESCRIPTION
2-29-08	IDOT COMMENTS

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE WADSWORTH ROAD & GREEN BAY ROAD
SECTION 03-00033-12-CH
COUNTY LAKE COUNTY
JOB# C-91-207-04 PROJECT# RS-0097(035)
SEC 25, 30 & 31 T46N, R11&12E OF 3RD P.M.
STA TO STA
DRAWN AJK CONTRACT 63766
SCALE: 1"=50' SHEET NO. 95 OF 189



FILE NAME = ASM:\02GTN\0422\TNCtwl\TNT_040224.01.SHT	USER NAME = mtaylor	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD INTERSECTION PAVING DETAIL	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			1209	03-00033-12-CH	LAKE	189	96
	PLOT SCALE = 15'	CHECKED -	REVISED -						CONTRACT NO. 63766	
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT

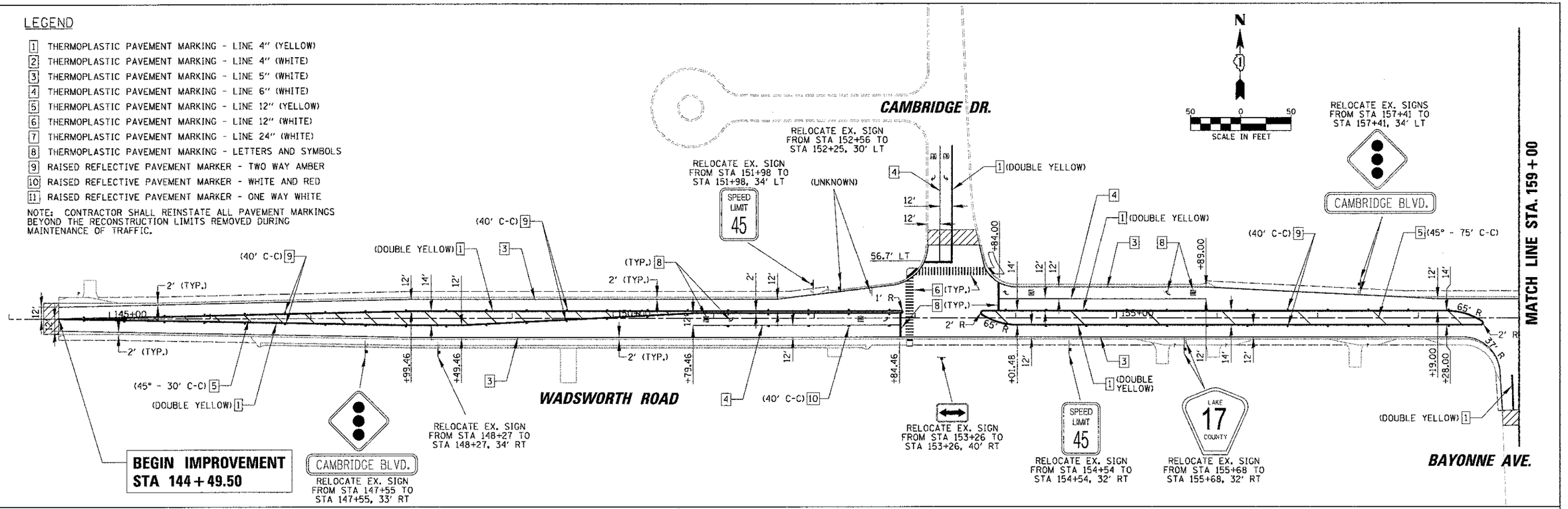


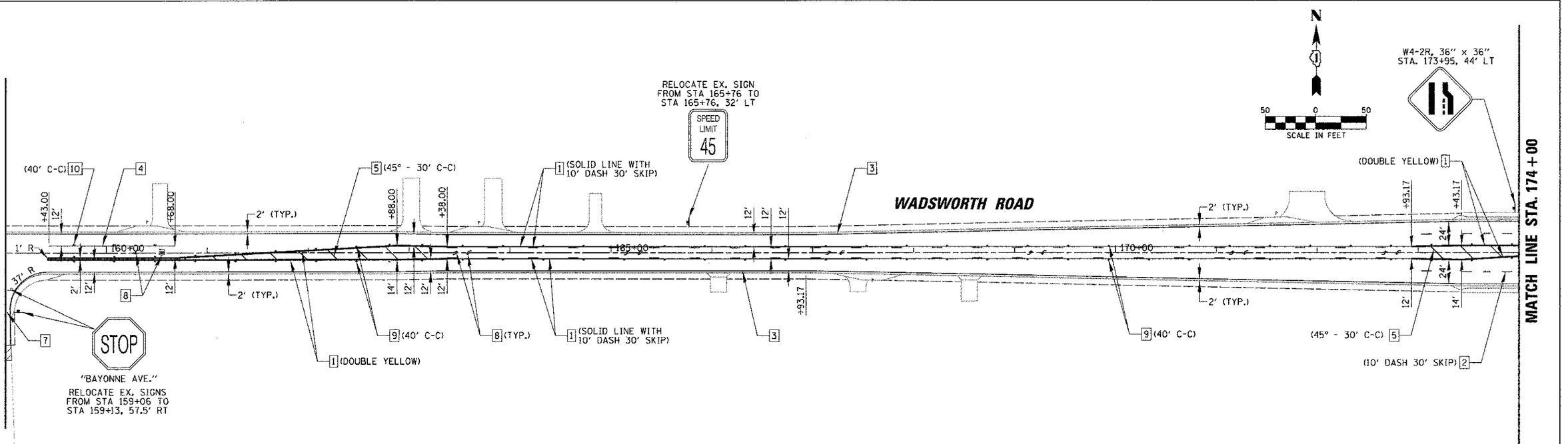
FILE NAME = N:\LCDOT\04229\Civil\INT 040229.02.sht	USER NAME = cmorel	DESIGNED -	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT CAMBRIDGE BOULEVARD INTERSECTION PAVING DETAIL	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 97
		DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT SCALE = 15'	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 11/13/2012	DATE -	REVISED -							

LEGEND

1. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
2. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
3. THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)
4. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
5. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
6. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
7. THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
8. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
9. RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER
10. RAISED REFLECTIVE PAVEMENT MARKER - WHITE AND RED
11. RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY WHITE

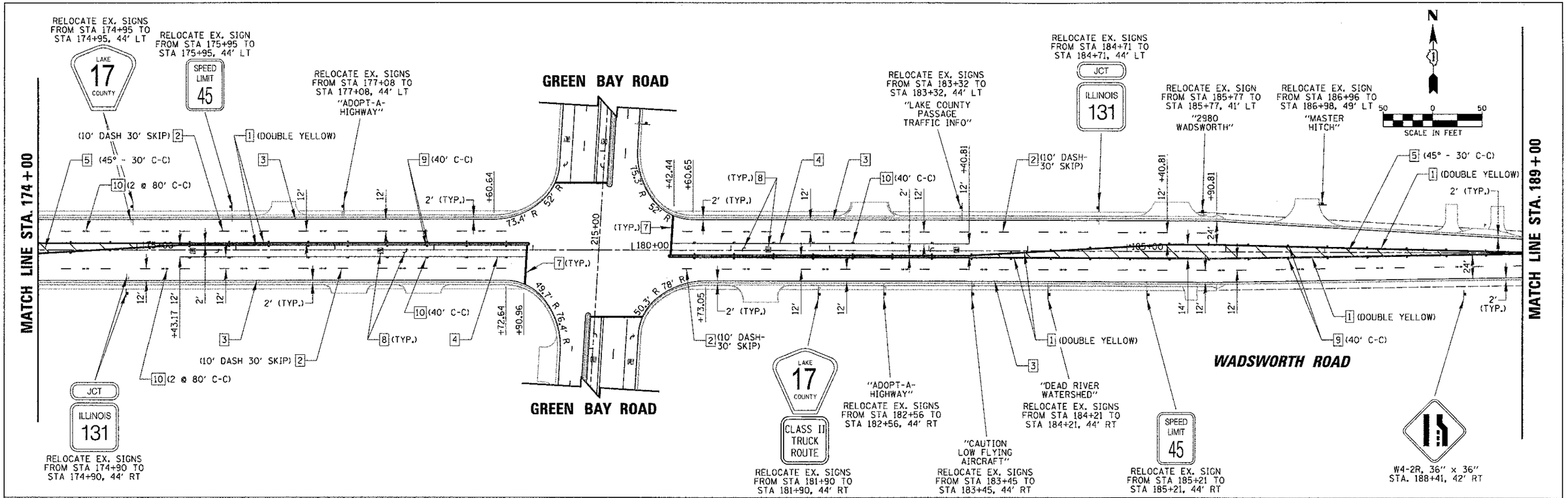
NOTE: CONTRACTOR SHALL REINSTATE ALL PAVEMENT MARKINGS BEYOND THE RECONSTRUCTION LIMITS REMOVED DURING MAINTENANCE OF TRAFFIC.

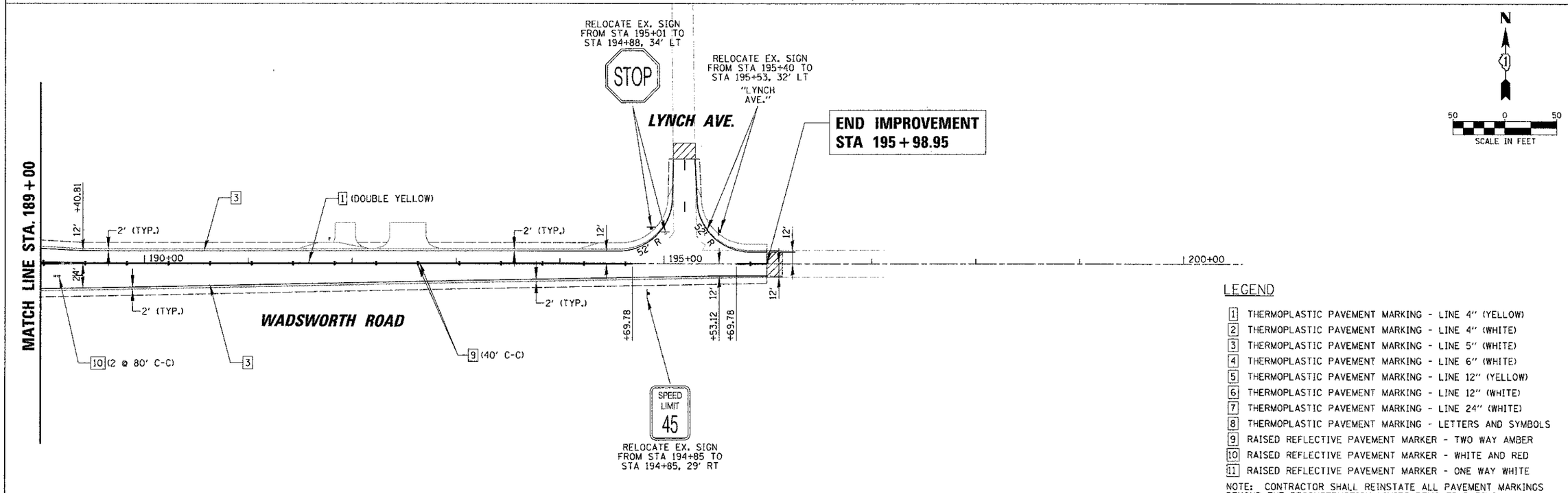




FILE NAME = N:\LCDOT\64229\Civil\PMK_WADSWORTH_01.SHT	USER NAME = mmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD PAVEMENT MARKING AND SIGNING PLAN STA. 144+49.50 TO STA. 174+00				
		DRAWN -	REVISED -						
	PLOT SCALE = 50'	CHECKED -	REVISED -						
	PLOT DATE = 1/22/2013	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	98
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





LEGEND

1. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
2. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
3. THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)
4. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
5. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
6. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
7. THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
8. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
9. RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER
10. RAISED REFLECTIVE PAVEMENT MARKER - WHITE AND RED
11. RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY WHITE

NOTE: CONTRACTOR SHALL REINSTATE ALL PAVEMENT MARKINGS BEYOND THE RECONSTRUCTION LIMITS REMOVED DURING MAINTENANCE OF TRAFFIC.

FILE NAME = N:\CDOT\94229\Civil\PMK_WADSWORTH_02.SIT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

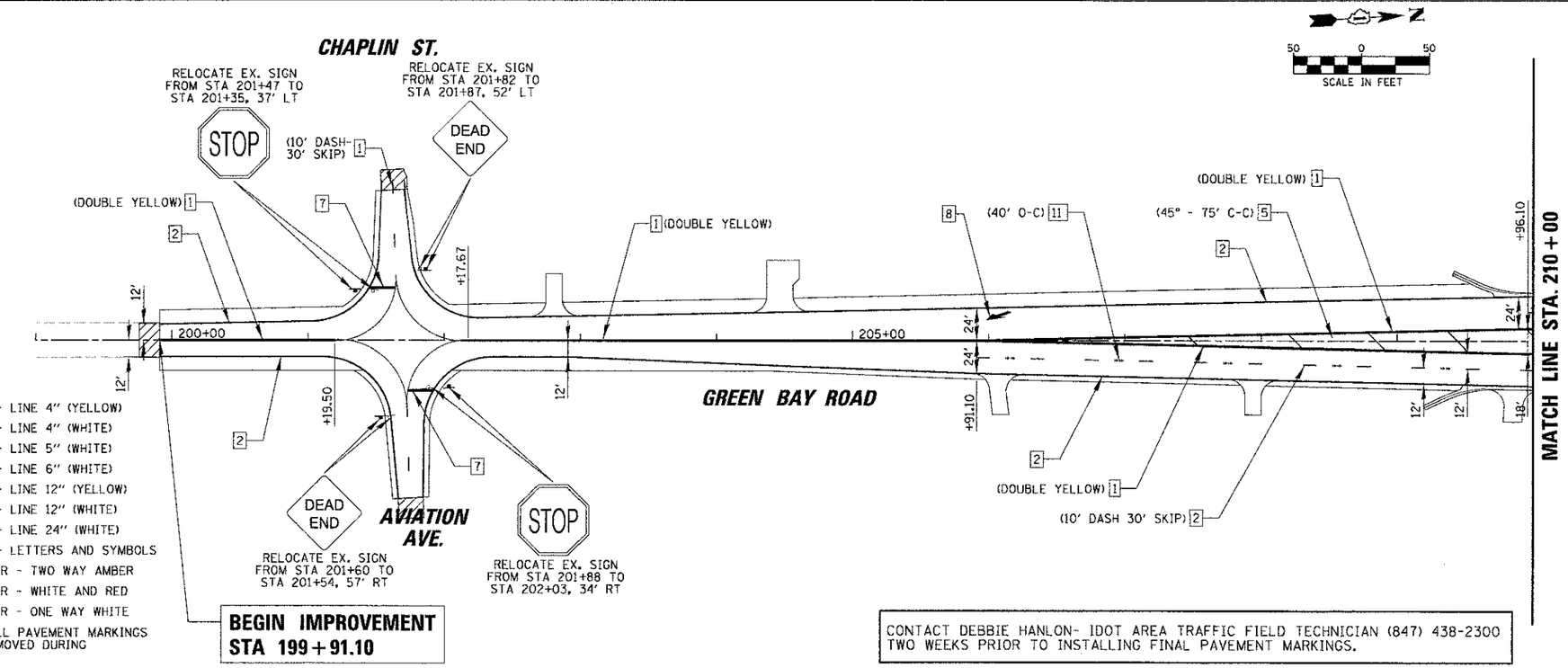
WADSWORTH ROAD
PAVEMENT MARKING AND SIGNING PLAN
STA. 174+00 TO STA. 195+98.95

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	99

CONTRACT NO. **63766**

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

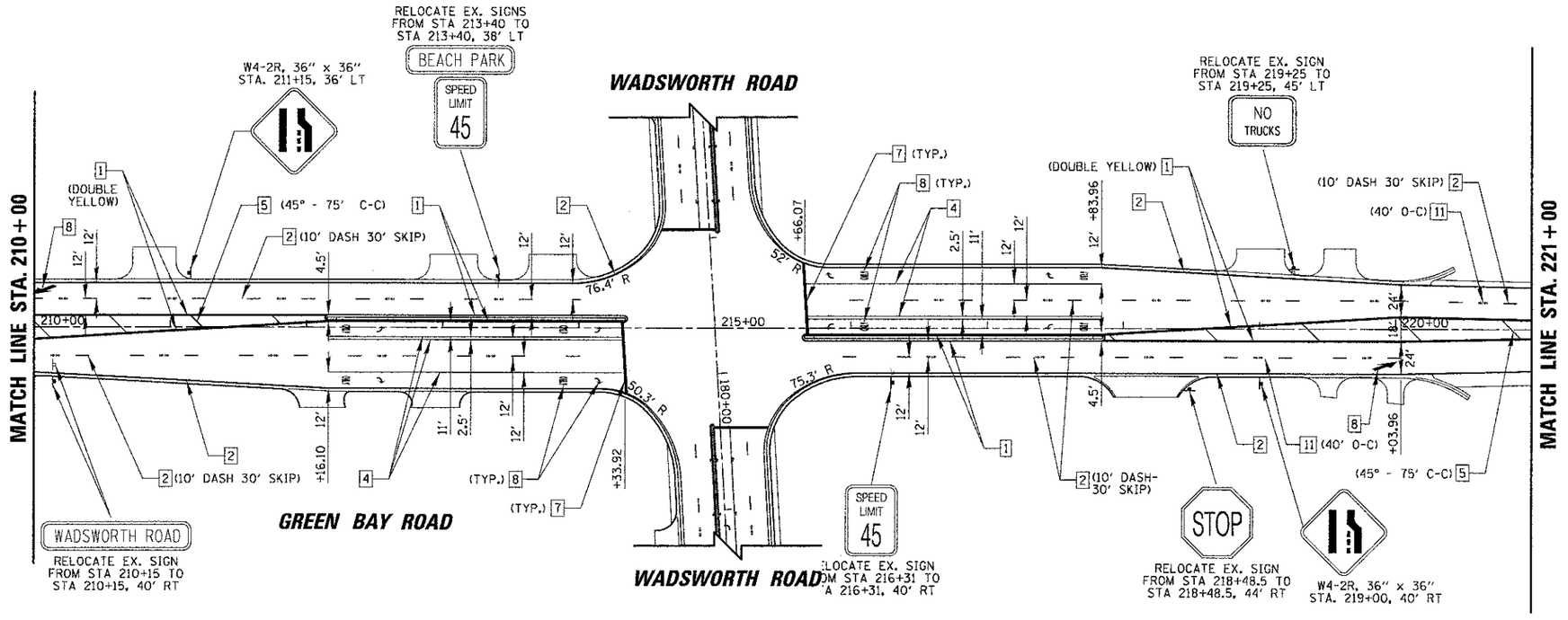


LEGEND

1. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
2. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
3. THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)
4. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
5. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
6. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
7. THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
8. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
9. RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER
10. RAISED REFLECTIVE PAVEMENT MARKER - WHITE AND RED
11. RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY WHITE

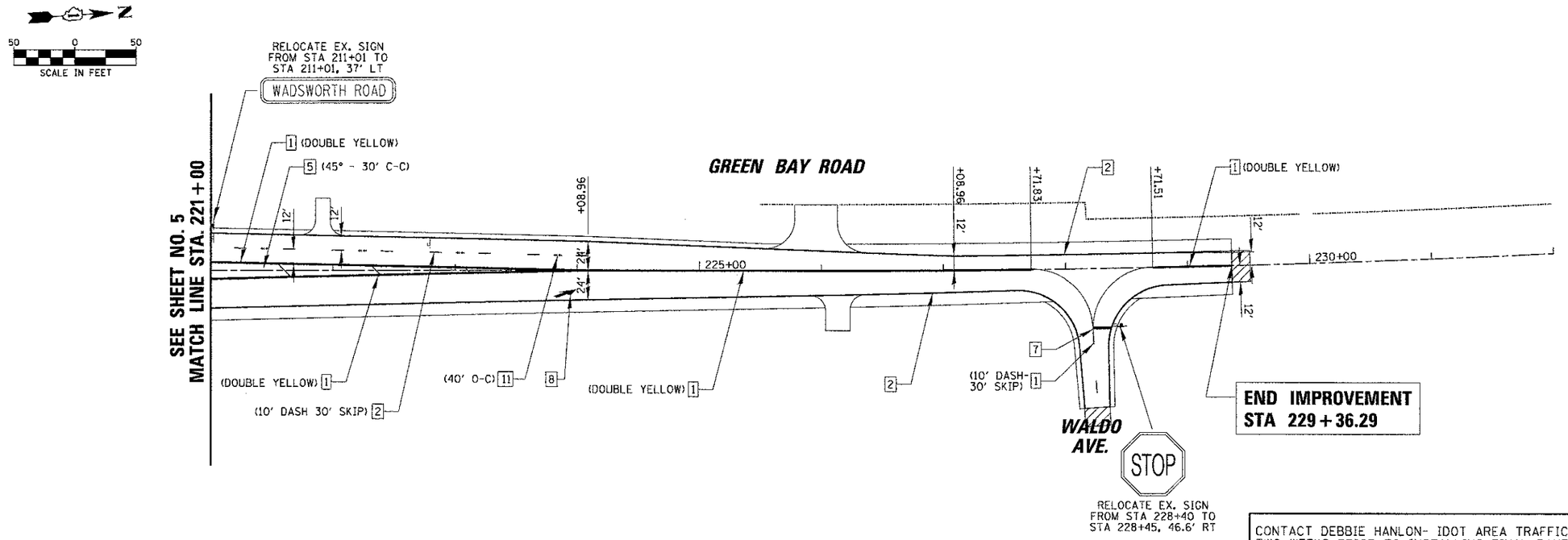
NOTE: CONTRACTOR SHALL REINSTATE ALL PAVEMENT MARKINGS BEYOND THE RECONSTRUCTION LIMITS REMOVED DURING MAINTENANCE OF TRAFFIC.

CONTACT DEBBIE HANLON- IDOT AREA TRAFFIC FIELD TECHNICIAN (847) 438-2300 TWO WEEKS PRIOR TO INSTALLING FINAL PAVEMENT MARKINGS.



FILE NAME = N:\LCDOT\84229\Civil\PMK_RTE131_01.SHT	USER NAME = nmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 131 (GREEN BAY ROAD) PAVEMENT MARKING AND SIGNING PLAN STA. 199+91.10 TO STA. 221+00.00
		DRAWN -	REVISED -		
	PLOT SCALE = 50'	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.
	PLOT DATE = 1/22/2013	DATE -	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	100
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



CONTACT DEBBIE HANLON- IDOT AREA TRAFFIC FIELD TECHNICIAN (847) 438-2300 TWO WEEKS PRIOR TO INSTALLING FINAL PAVEMENT MARKINGS.

LEGEND

1. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
2. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
3. THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)
4. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
5. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
6. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
7. THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
8. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
9. RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER
10. RAISED REFLECTIVE PAVEMENT MARKER - WHITE AND RED
11. RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY WHITE

NOTE: CONTRACTOR SHALL REINSTATE ALL PAVEMENT MARKINGS BEYOND THE RECONSTRUCTION LIMITS REMOVED DURING MAINTENANCE OF TRAFFIC.

FILE NAME = N:\LCDOT\64229\Civil\PMK_RTE131_02.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 (GREEN BAY ROAD)
PAVEMENT MARKING AND SIGNING PLAN
STA. 221+00.00 TO STA. 229+36.29

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	101
		CONTRACT NO. **63766**		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

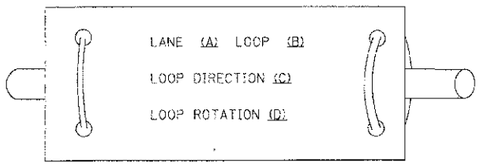
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

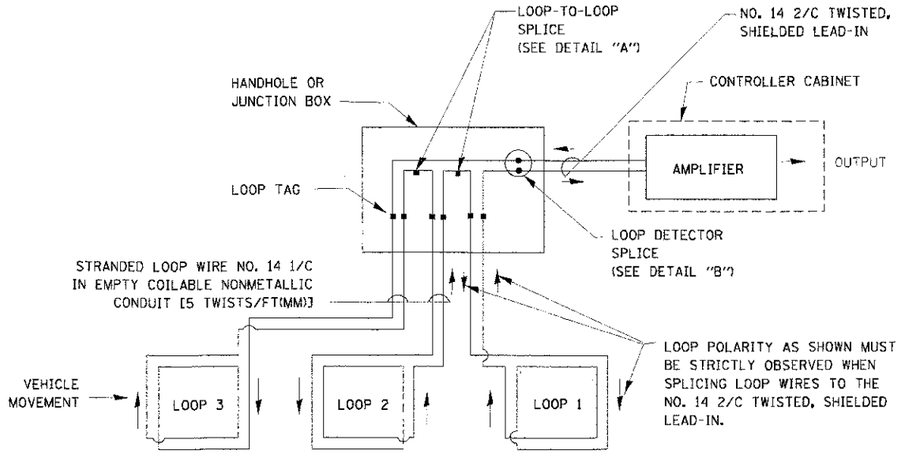


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

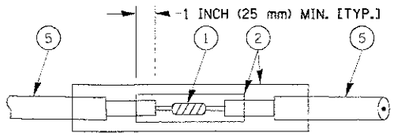
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

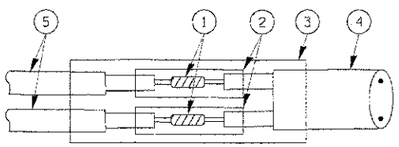


DETECTOR LOOP WIRING SCHEMATIC

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

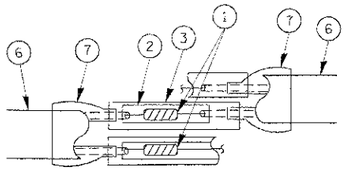


DETAIL "A"
LOOP-TO-LOOP SPLICE



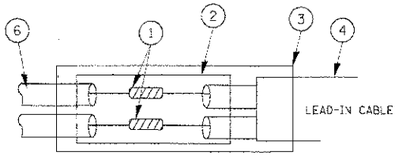
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

(6) PRE-FORMED LOOP

(7) XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = kamthachaeyes	DESIGNED - DAD	REVISED -
		DRAWN - BCK	REVISED -
	PLOT SCALE = 200.0000 ' / IN.	CHECKED - DAD	REVISED
	PLOT DATE = 10/6/2009	DATE - 10/28/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

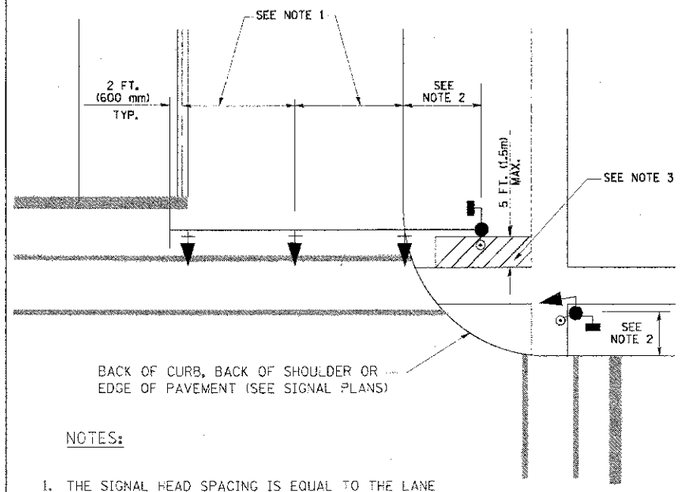
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET NO. 1 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	102
	TS-05	CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

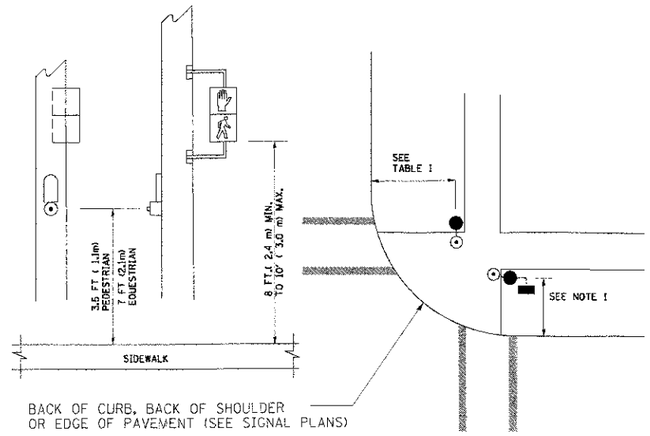
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

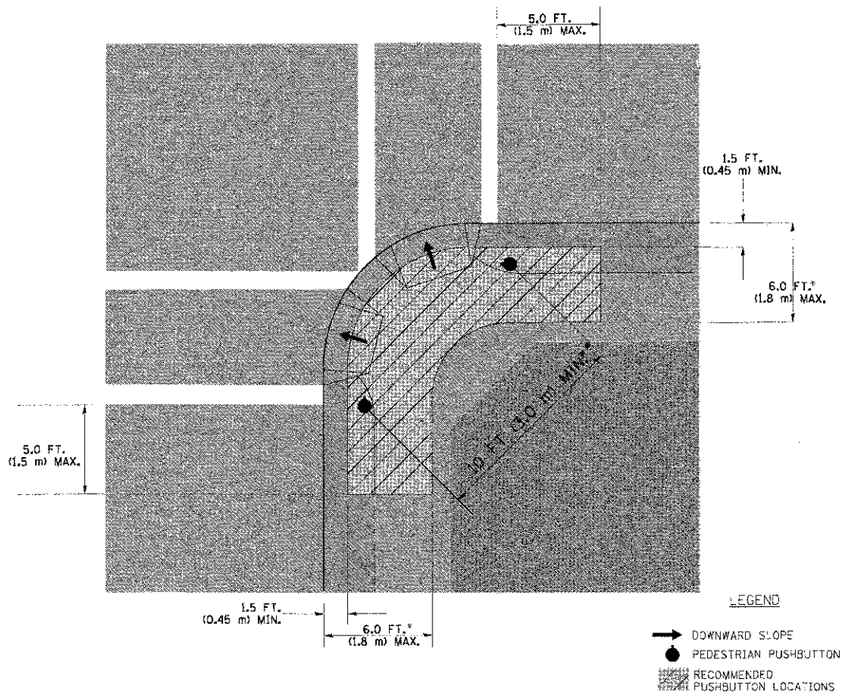
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 886001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

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

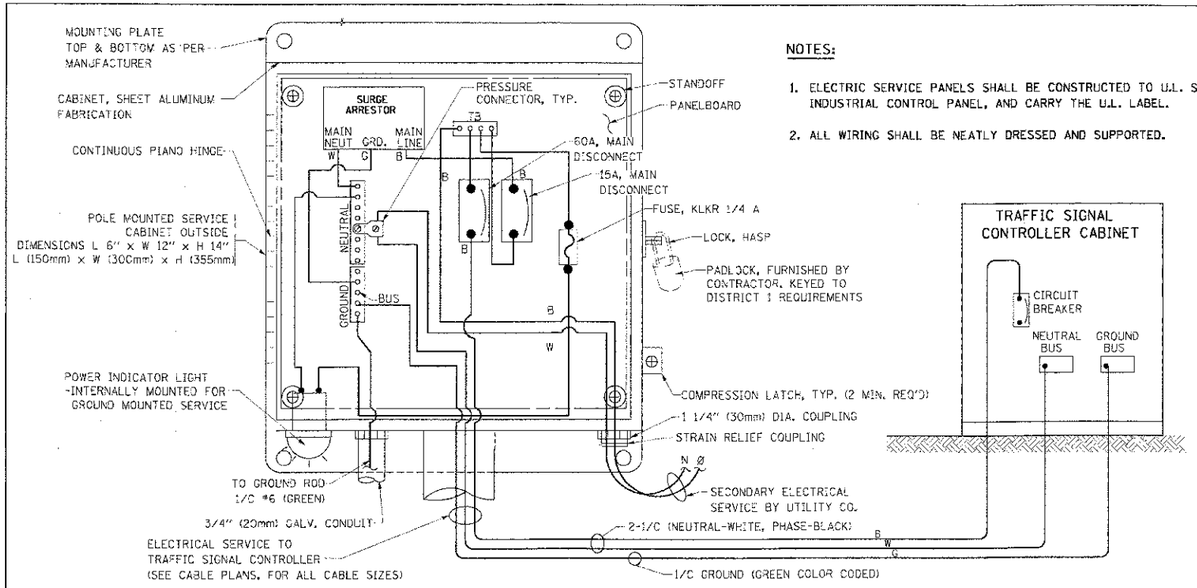
FILE NAME = c:\pw_work\PWIDOT\KENT_IDP-tXA92C.d0126	USER NAME = Pentagon\bajbo	DESIGNED - DAG	REVISED -
	\\cdot\sf\sc_tsgnd_v7.dgn	DRAWN - BCK	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - DAG	REVISED -
	PLOT DATE = 12/9/2009	DATE 10/28/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET NO. 2 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	103
	TS-05	CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



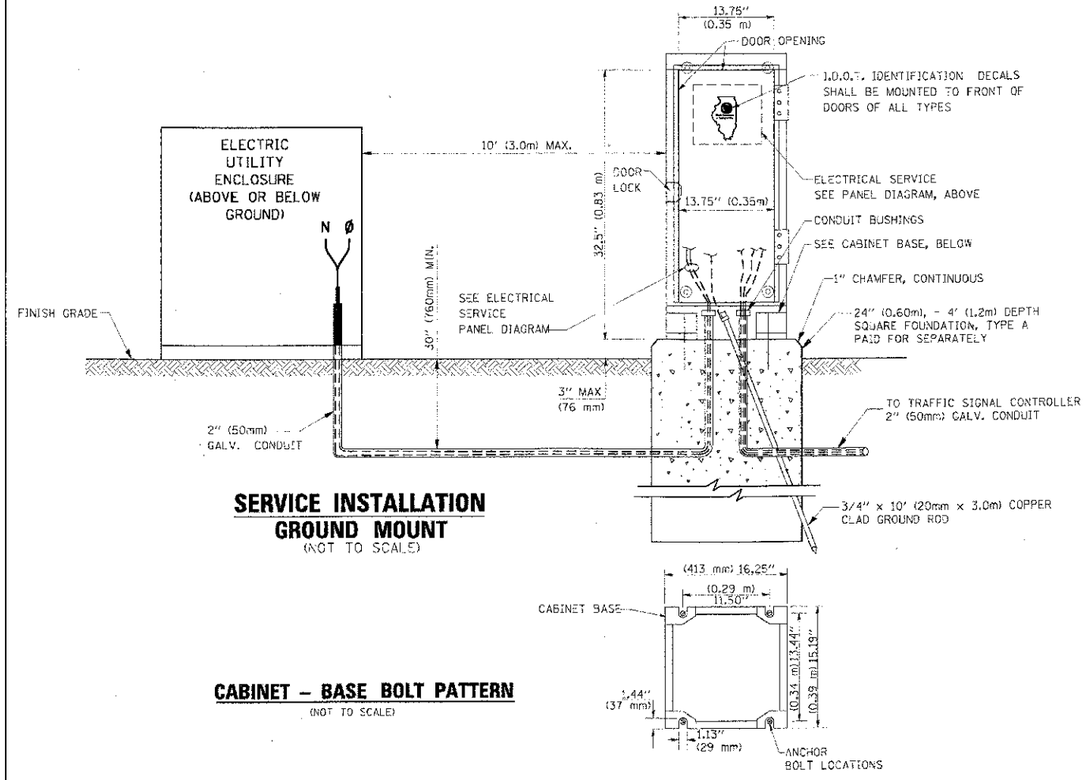
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)

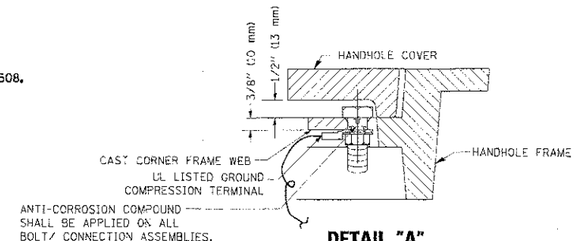


SERVICE INSTALLATION GROUND MOUNT

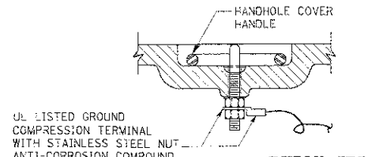
(NOT TO SCALE)

CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



DETAIL "A"

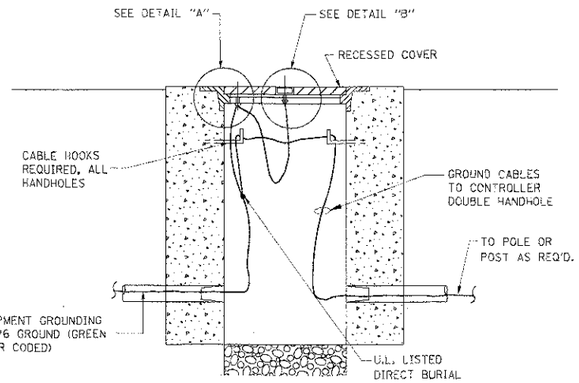


DETAIL "B"

NOTES:

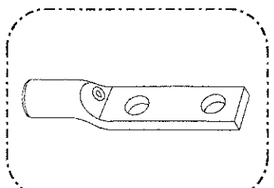
GROUNDING SYSTEM

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

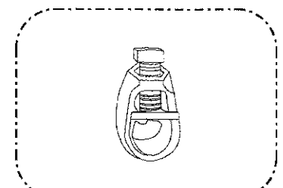


HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



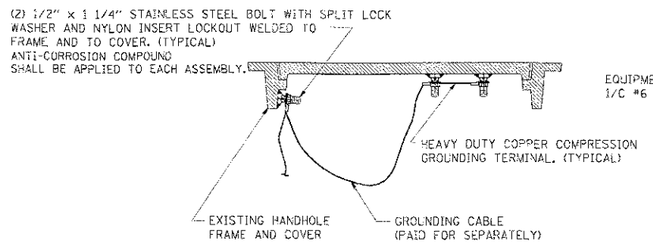
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



3/4" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

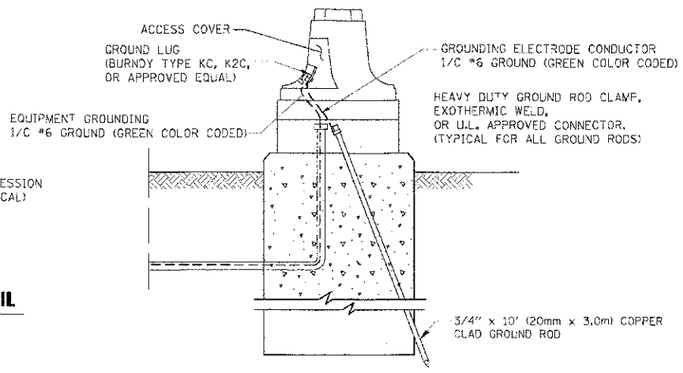
NOTES:

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



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE / POST-GROUNDING DETAIL

(NOT TO SCALE)

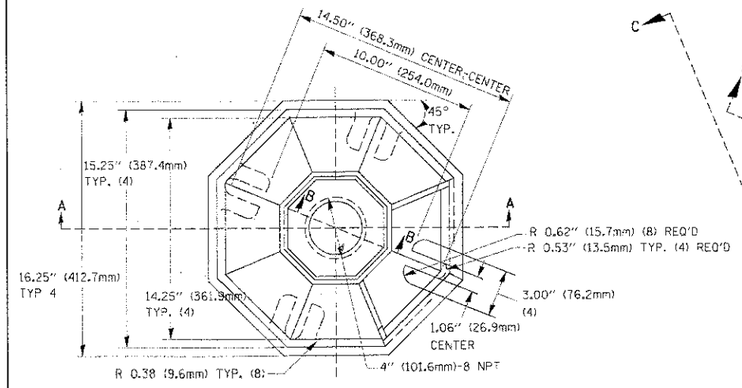
FILE NAME =	USER NAME =	DESIGNED	DAD	REVISED
		DRAWN	BCK	REVISED
	PLOT SCALE = 20.0000 ' / IN.	CHECKED	DAD	REVISED
	PLOT DATE = 12/6/2009	DATE	10/28/09	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

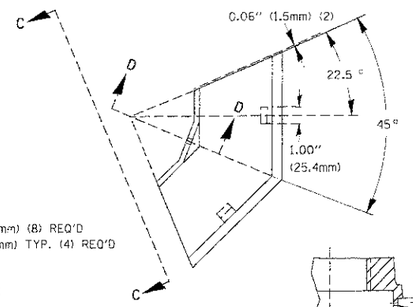
DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

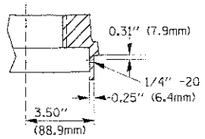
SCALE: | SHEET NO. 3 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	104
	TS-05	CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

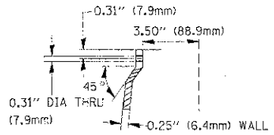


TOP VIEW

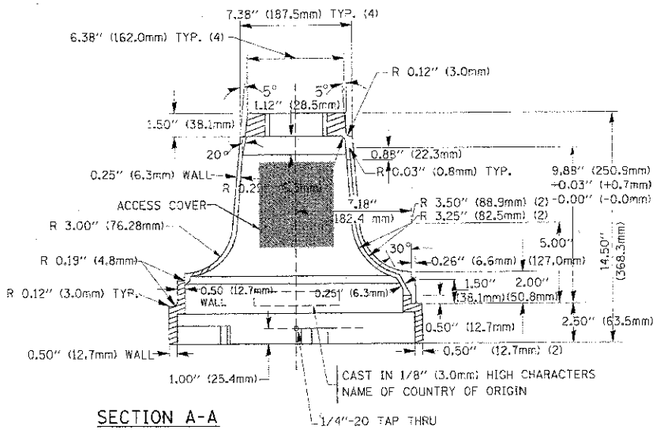




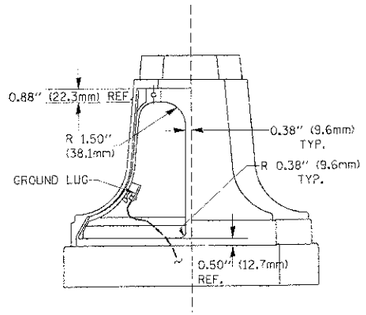
SECTION B-B



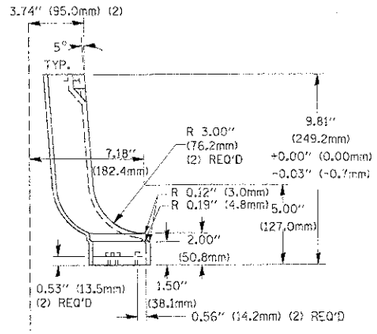
SECTION D-D



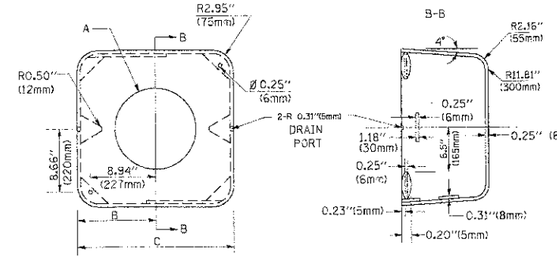
SECTION A-A



VIEW C-C



TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



MATERIAL:
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

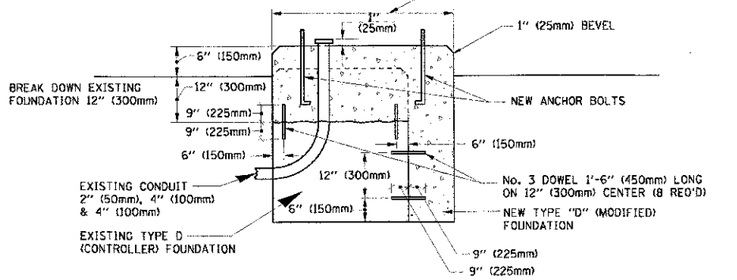
A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57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

SHROUD

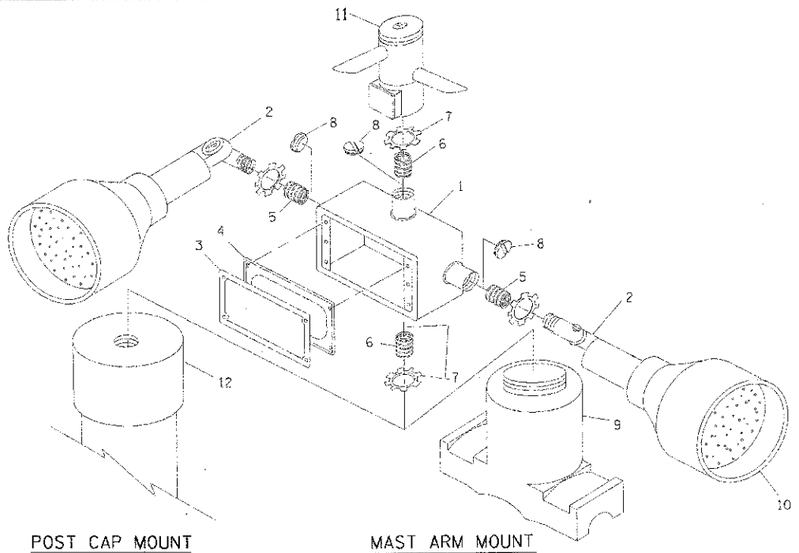
NOTES:

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

NOTE:
SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



POST CAP MOUNT

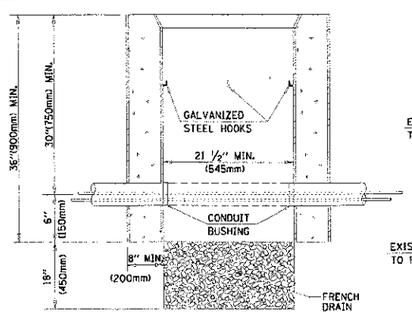
MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

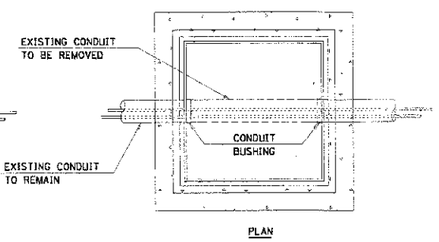
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV, 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP (18 FT. (5.4 m) POST MIN.)

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A ¾"(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



ELEVATION



PLAN

NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

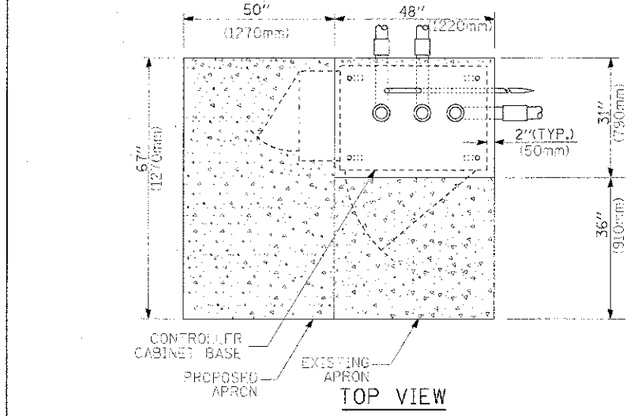
FILE NAME	USER NAME = xanthachxaiba	DESIGNED - DAG	REVISED
c:\dgn_work\PWIDOT\XANTHAP\810TSC\n811204\traffic_legend_v7.dgn		DRAWN - BCK	REVISED
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - DAD	REVISED
	PLOT DATE = 10/6/2009	DATE - 10/28/09	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

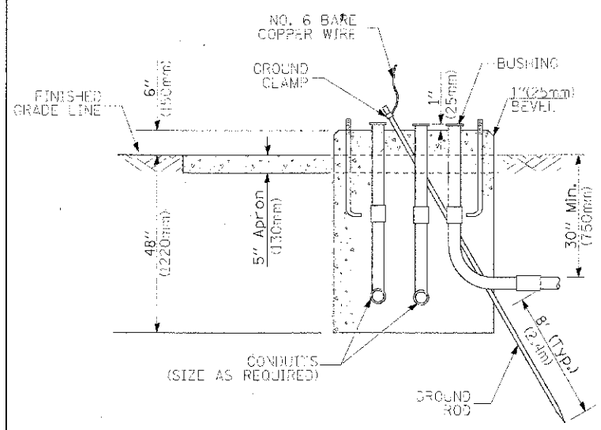
DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET NO. 4 OF 6 SHEETS | STA. | TO STA.

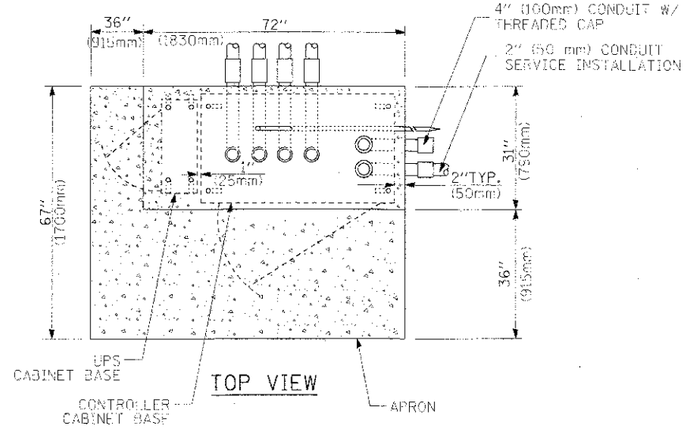
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	105
	TS-05	CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



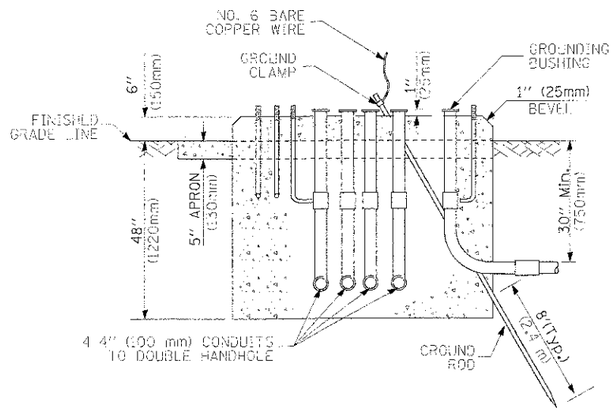
TOP VIEW



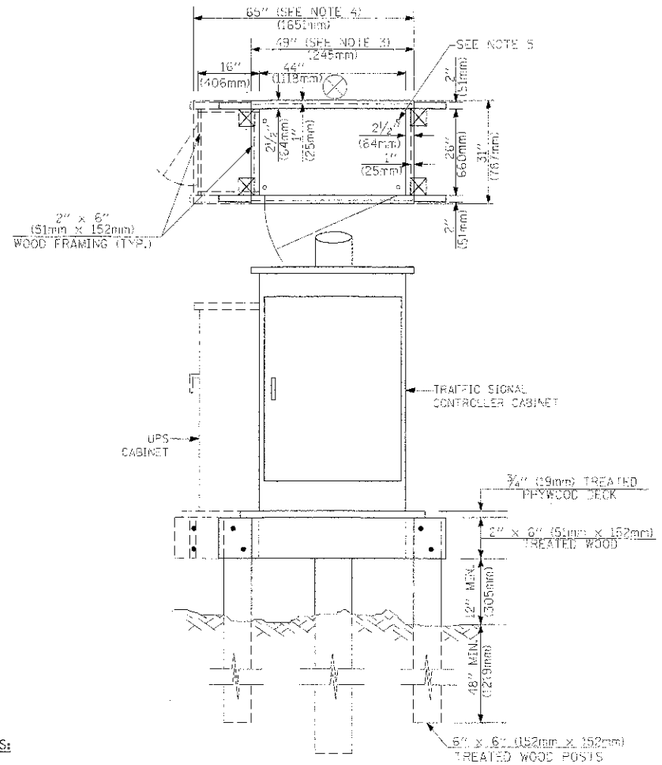
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



TOP VIEW



TYPE C
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



NOTES:

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

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Q_u) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to store standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

FILE NAME	USER NAME	DESIGNED	DAG	REVISED
		DRAWN	BCK	REVISED
	PLOT SCALE	CHECKED	DAD	REVISED
	PLOT DATE	DATE	10/28/09	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	106
	TS-05	CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET	R		
RAILROAD CONTROL CABINET		R	R
COMMUNICATIONS CABINET	R	CC	CC
MASTER CONTROLLER		EMC	MC
MASTER MASTER CONTROLLER		EMMC	MMC
UNINTERRUPTIBLE POWER SUPPLY	R	UPS	UPS
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT	R	P	P
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT	R T	P T	P T
STEEL MAST ARM ASSEMBLY AND POLE	R		
ALUMINUM MAST ARM ASSEMBLY AND POLE	R		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	R		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA	R PTZ	PTZ	PTZ
SIGNAL POST	R		
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM	R		
GUY WIRE	R		
SIGNAL HEAD	R		
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)			2
SIGNAL HEAD WITH BACKPLATE	R		
SIGNAL HEAD OPTICALLY PROGRAMMED	R "P"	"P"	"P"
FLASHER INSTALLATION (S DENOTES SOLAR POWER)	R "F"	"F"	"F"
PEDESTRIAN SIGNAL HEAD	R		
PEDESTRIAN PUSHBUTTON DETECTOR	R		
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR	R APS	APS	APS
ILLUMINATED SIGN "NO LEFT TURN"	R		
ILLUMINATED SIGN "NO RIGHT TURN"	R		
DETECTOR LOOP, TYPE I			
PREFORMED DETECTOR LOOP		P	P
MICROWAVE VEHICLE SENSOR	R	M	M
VIDEO DETECTION CAMERA	R V	V	V
VIDEO DETECTION ZONE			
PAN, TILT, ZOOM CAMERA	R PTZ	PTZ	PTZ
WIRELESS DETECTOR SENSOR	R W	W	W
WIRELESS ACCESS POINT	R		

ITEM	REMOVAL	EXISTING	PROPOSED
EMERGENCY VEHICLE LIGHT DETECTOR	R		
CONFIRMATION BEACON	R		
HANDHOLE	R		
HEAVY DUTY HANDHOLE	R H	H	H
DOUBLE HANDHOLE	R		
JUNCTION BOX	R		
GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)			
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE	R		
COMMON TRENCH			CT
COILABLE NONMETALLIC CONDUIT (EMPTY)			CNC
SYSTEM ITEM		S	S
INTERSECTION ITEM		I	IP
REMOVE ITEM	R		
RELOCATE ITEM	RL		
ABANDON ITEM	A		
12" (300mm) TRAFFIC SIGNAL SECTION		R	R
12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE		R Y G	
SIGNAL FACE		R Y G Y G	R Y G Y G
SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD		R Y G Y G "P"	R Y G Y G "P"
12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL		DW	
12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED			
12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID			
PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER		C D	C D
RADIO INTERCONNECT	R		
RADIO REPEATER	R ERR	ERR	RR
DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED		5	5
GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)		1	1

ITEM	REMOVAL	EXISTING	PROPOSED
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE		1	1
COAXIAL CABLE		C	C
VENDOR CABLE FOR CAMERA		V	V
COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED		6	6
FIBER OPTIC CABLE NO. 62.5/125, MM12F		12F	
FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F		24F	24F
FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)			
GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE		C	C
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED	ROF		
STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED	RMF		
ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED	RMF		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED	RMF		
SIGNAL POST AND FOUNDATION TO BE REMOVED	RMF		
INTERSECTION & SAMPLING (SYSTEM) DETECTOR		IS	IS
SAMPLING (SYSTEM) DETECTOR		S	S
EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR		P	
EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR		PP	
PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR		PIS	PIS
PREFORMED SAMPLING (SYSTEM) DETECTOR		PS	PS

RAILROAD SYMBOLS

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

FILE NAME =	USER NAME =	DESIGNED - DAG/BCK	REVISED
		DRAWN - BCK	REVISED
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - DAD	REVISED
	PLOT DATE = 10/6/2009	DATE 10/28/09	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 6 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	107
	TS-05	CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

EXISTING EQUIPMENT TO BE REMOVED LEGEND

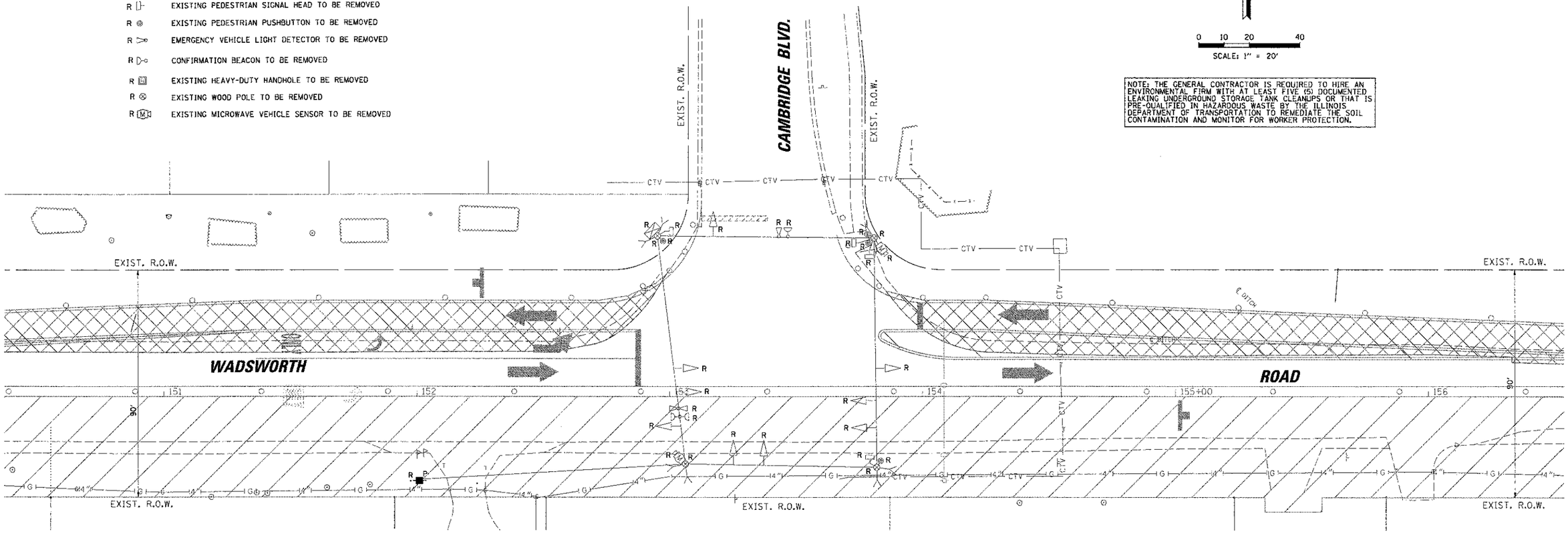
- R — EXISTING SIGNAL HEAD TO BE REMOVED
- R — EXISTING SERVICE INSTALLATION TO BE REMOVED
- RMF — EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- RMF — EXISTING MAST ARM POLE AND FOUNDATION TO BE REMOVED
- R — EXISTING CONTROLLER TO BE REMOVED
- R — EXISTING HANDHOLE TO BE REMOVED
- R — EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- R — EXISTING PEDESTRIAN PUSHBUTTON TO BE REMOVED
- R — EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- R — CONFIRMATION BEACON TO BE REMOVED
- R — EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- R — EXISTING WOOD POLE TO BE REMOVED
- R — EXISTING MICROWAVE VEHICLE SENSOR TO BE REMOVED

N

0 10 20 40

SCALE: 1" = 20'

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



Remove Existing Traffic Signal Equipment Each 1

The following existing traffic signal equipment shall be removed by the Contractor, shall remain the property of the County and shall be delivered by the Contractor to the County yard as per the traffic signal specifications or as directed by the County Traffic Engineer.

1 EACH TEMPORARY TRAFFIC SIGNAL

CONSTRUCTION NOTES:

1. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN OPERATIONAL DURING INSTALLATION OF THE NEW TRAFFIC SIGNAL EQUIPMENT.

2. REMOVAL OF TEMPORARY TRAFFIC SIGNAL EQUIPMENT SHALL BE COMPLETED UPON ACTIVATION OF PROPOSED TRAFFIC SIGNAL.

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

PLAN — NOTE BOOK NO. ..... SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. ..... SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD — BY — DATE

FILE NAME = N:\LCDOT\04229\Traffic\007_TMP_Cmbridge\Wads.dgn	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TEMPORARY TRAFFIC SIGNAL EQUIPMENT PLAN
WADSWORTH ROAD AT CAMBRIDGE BOULEVARD
LAKE COUNTY, ILLINOIS

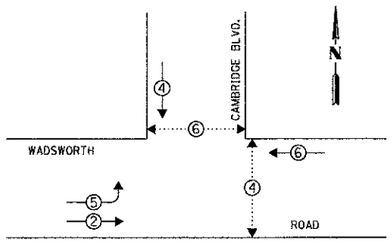
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	108

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

EXISTING TEMPORARY CONTROLLER SEQUENCE



LEGEND

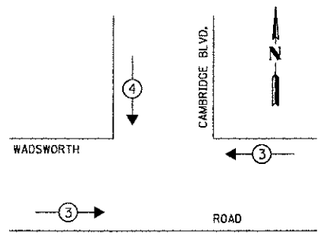
DUAL ENTRY PHASE

PEDESTRIAN PHASE

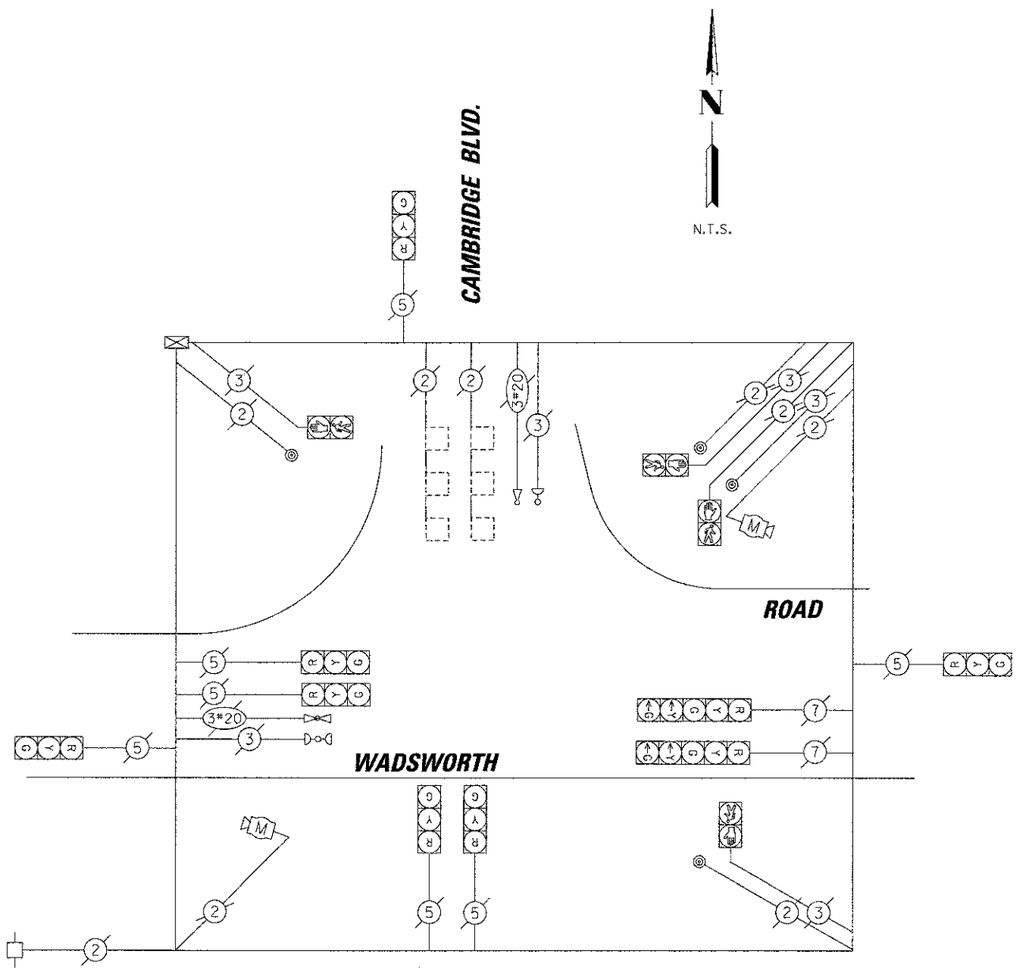
NUMBER REFERS TO ASSOCIATED PHASE

EXISTING TEMPORARY PHASE DESIGNATION DIAGRAM

EXISTING TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING TEMPORARY EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓



TEMPORARY CABLE PLAN LEGEND

- R — TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12"
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- 5 — DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- PEDESTRIAN SIGNAL HEAD
- V — VIDEO DETECTION CAMERA
- PT — PAN, TILT, ZOOM CAMERA
- M — MICROWAVE VEHICLE SENSOR

L.C.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE ×INCAND.	WATTAGE LED	× % OPERATION	
SIGNAL (RED)	9	135		0.50	607.50
(YELLOW)	9	135		0.10	121.50
(GREEN)	9	135		0.40	486.00
ARROW	4	135		0.10	54.00
PED. SIGNAL	3	90		1.00	270.00
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
		-	25	1.00	-
ENERGY COSTS TO:				TOTAL =	1639.00

LAKE COUNTY DIVISION OF TRANSPORTATION

600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048-1381

ENERGY SUPPLY: CONTACT: KIM KANGAS
PHONE: (847) 816-5497
COMPANY: COMED

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

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY — DATE

FILE NAME = N:\LCDOT\04229\Traffic\008_TCB_Cmbrdge	USER NAME = nmorol	DESIGNED -	REVISED -
	Wads.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TEMPORARY CABLE PLAN, EXISTING TEMPORARY PHASE DESIGNATION DIAGRAM AND EXISTING TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
WADSWORTH ROAD AT CAMBRIDGE BOULEVARD
LAKE COUNTY, ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	109

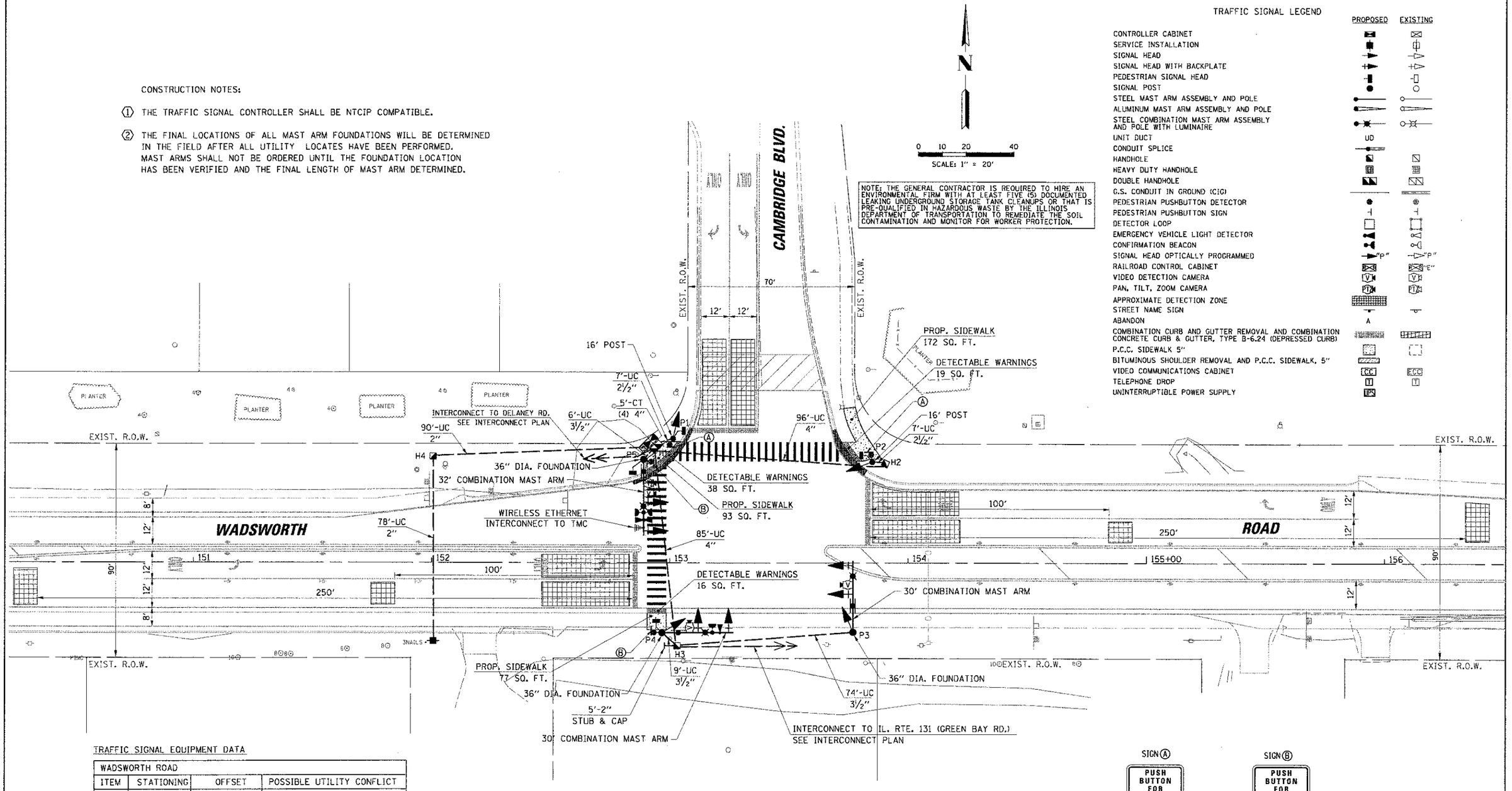
CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

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

CONSTRUCTION NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER SHALL BE NTCIP COMPATIBLE.
2. THE FINAL LOCATIONS OF ALL MAST ARM FOUNDATIONS WILL BE DETERMINED IN THE FIELD AFTER ALL UTILITY LOCATES HAVE BEEN PERFORMED. MAST ARMS SHALL NOT BE ORDERED UNTIL THE FOUNDATION LOCATION HAS BEEN VERIFIED AND THE FINAL LENGTH OF MAST ARM DETERMINED.



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

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET	■	⊠
SERVICE INSTALLATION	■	⊡
SIGNAL HEAD	■►	⊡►
SIGNAL HEAD WITH BACKPLATE	+■►	+⊡►
PEDESTRIAN SIGNAL HEAD	■	⊡
SIGNAL POST	●	○
STEEL MAST ARM ASSEMBLY AND POLE	●—	○—
ALUMINUM MAST ARM ASSEMBLY AND POLE	●—	○—
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	●—✕	○—✕
UNIT DUCT	UD	
CONDUIT SPLICE	—●—	
HANDHOLE	◪	▨
HEAVY DUTY HANDHOLE	▣	▣
DOUBLE HANDHOLE	◪◪	▨▨
G.S. CONDUIT IN GROUND (CIG)		
PEDESTRIAN PUSHBUTTON DETECTOR	●	◉
PEDESTRIAN PUSHBUTTON SIGN	┤	┤
DETECTOR LOOP	□	⊡
EMERGENCY VEHICLE LIGHT DETECTOR	◢	◺
CONFIRMATION BEACON	◢	◺
SIGNAL HEAD OPTICALLY PROGRAMMED	►"P"	⊡►"P"
RAILROAD CONTROL CABINET	⊠	⊠"E"
VIDEO DETECTION CAMERA	V	V
PAN, TILT, ZOOM CAMERA	PTZ	PTZ
APPROXIMATE DETECTION ZONE	▦	▦
STREET NAME SIGN		
ABANDON		A
COMBINATION CURB AND GUTTER REMOVAL AND COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (DEPRESSED CURB)	▨	▦
P.C.C. SIDEWALK 5"	⬚	⬚
BITUMINOUS SHOULDER REMOVAL AND P.C.C. SIDEWALK, 5"	▨	▨
VIDEO COMMUNICATIONS CABINET	CC	CC
TELEPHONE DROP	T	T
UNINTERRUPTIBLE POWER SUPPLY	UPS	

TRAFFIC SIGNAL EQUIPMENT DATA

WADSWORTH ROAD			
ITEM	STATIONING	OFFSET	POSSIBLE UTILITY CONFLICT
P5	152+88.88	43.46' LT	-
H1	152+94.16	48.87' LT	-
P4	152+96.71	29.24' RT	COMED
H4	152+00.48	44.66' LT	WATERMAIN
H3	153+03.23	34.89' RT	-
P1	153+01.22	52.21' LT	-
P3	153+76.88	29.00' RT	COMED
P2	153+86.67	43.00' LT	STORM
H2	153+90.37	41.75' LT	WATERMAIN

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

SIGN (A)

R10-4b
9" x 12"
2 REQUIRED
(INCIDENTAL TO CONTRACT)

SIGN (B)

R10-4b
9" x 12"
2 REQUIRED
(INCIDENTAL TO CONTRACT)

FILE NAME = N:\LCDOT\64229\Traffic\209_TSD_Cambridge Wads.dgn	USER NAME = nmore	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

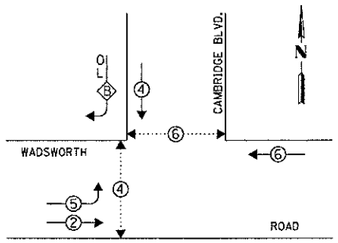
TRAFFIC SIGNAL INSTALLATION PLAN
WADSWORTH ROAD AT CAMBRIDGE BOULEVARD
LAKE COUNTY, ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	110
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. :	ILLINOIS	FED. AID PROJECT		

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

CONTROLLER SEQUENCE



LEGEND

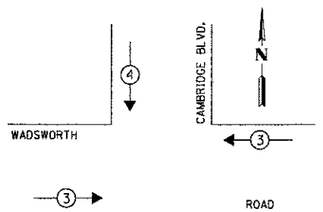
- DUAL ENTRY PHASE
- OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

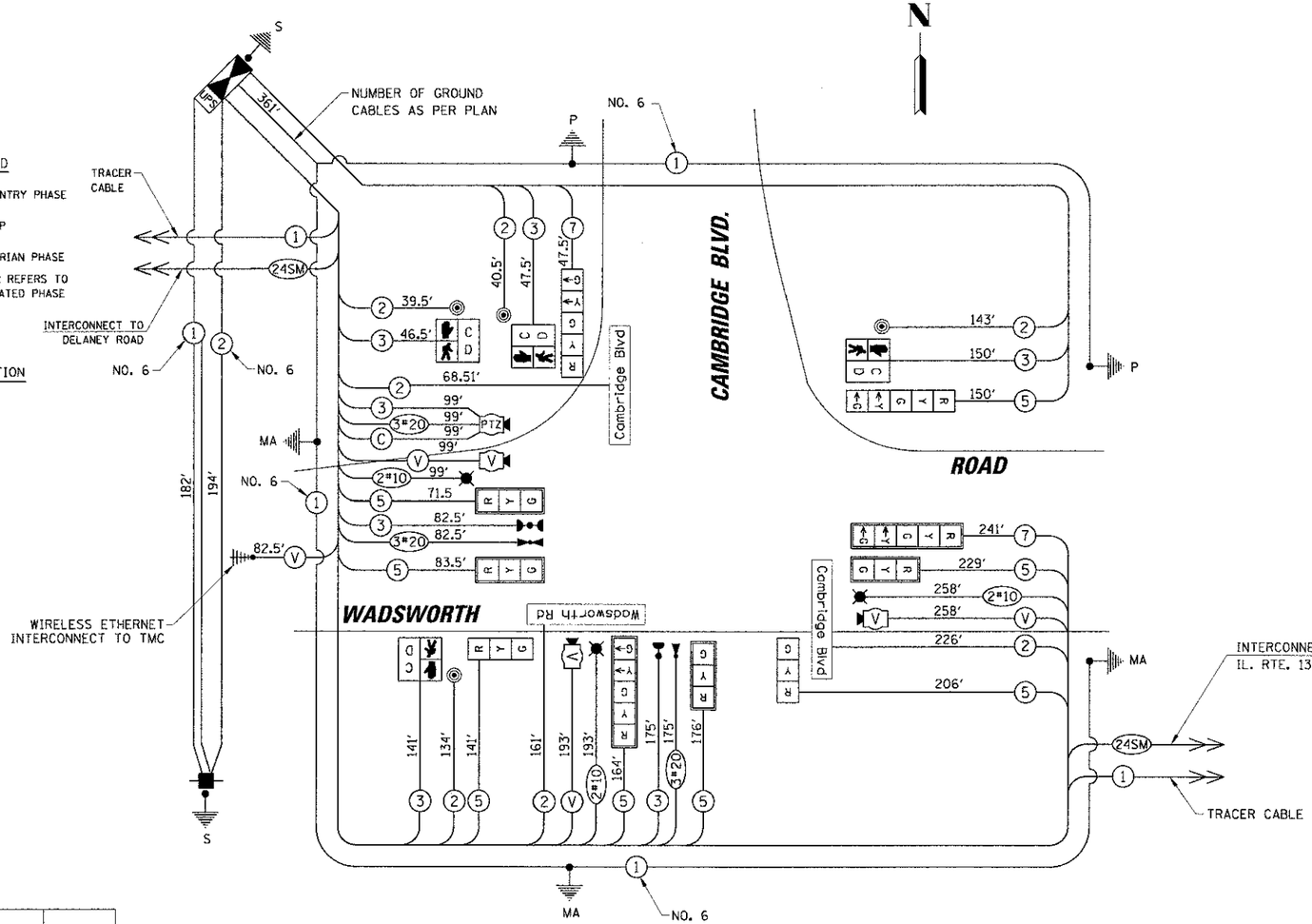
RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓



CABLE PLAN LEGEND

EXISTING	PROPOSED	
R	R	12" (300mm) TRAFFIC SIGNAL SECTION
W	W	12" (300mm) PEDESTRIAN SIGNAL SECTION
	C D	12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		SERVICE INSTALLATION
	T	TELEPHONE INSTALLATION
		DETECTOR LOOP, TYPE 1
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
(2)	(2)	DENOTES NUMBER OF CONDUCTORS. ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED.
(1)	(1)	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C UNLESS NOTED OTHERWISE
24SM	24SM	FIBER OPTIC CABLE IN CONDUIT 24SM
		SIGNAL FACE WITH BACKPLATE "P" INDICATES PROGRAMMED HEAD.
C	C	GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE
		LUMINAIRE
V	V	VIDEO DETECTION CAMERA
PTZ	PTZ	DOME CAMERA (PAN/TILT/ZOOM)
ECC	CC	VIDEO COMMUNICATIONS CABINET
ST. NAME	ST. NAME	L.E.D. STREET NAME SIGN
	UPS	UNINTERRUPTIBLE POWER SUPPLY
	C	COAXIAL CABLE
	V	VENDOR CABLE FOR CAMERA

L.C.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	WATTAGE LED	X % OPERATION	
SIGNAL (RED)	10		10	0.50	50.00
(YELLOW)	10		19	0.10	19.00
(GREEN)	10		11	0.40	44.00
ARROW	8		9	0.10	7.20
PED. SIGNAL	4		9	1.00	36.00
CONTROLLER	1		100	1.00	100.00
LUMINAIRE	3		250	0.50	375.00
L.E.D. ST. NAME SIGN	3		64	0.50	96.00
VIDEO SYSTEM	1		150	1.00	150.00
BATTERY BACKUP	1		25	1.00	25.00
ENERGY COSTS TO:				TOTAL =	902.20

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048-1381
ENERGY SUPPLY: CONTACT: KIM KANGAS
PHONE: (847) 816-5497
COMPANY: COMED

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

CABLE PLAN

CONSTRUCTION NOTE:

(1) THE TRAFFIC SIGNAL CONTROLLER SHALL BE NTCIP COMPATIBLE.

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	267
DETECTABLE WARNINGS	SQ FT	73
THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	336
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	173
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	14
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	89
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	206
HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP - TYPE USE) 1/C NO. 10	FOOT	1100
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	3
MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	813
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	741
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	907
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	603
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	194
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT. (SPECIAL)	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT. (SPECIAL)	EACH	1
CONCRETE FOUNDATION TYPE A	FOOT	8
CONCRETE FOUNDATION TYPE C	FOOT	4
CONCRETE FOUNDATION TYPE E, 36-INCH DIAMETER	FOOT	45
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
PEDESTRIAN PUSH-BUTTON	EACH	4
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	99
VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	1
TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	2
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
VIDEO ENCODER	EACH	1
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	543
ELECTRIC CABLE IN CONDUIT NO. 20 3C, TWISTED, SHIELDED	FOOT	356
ELECTRIC CABLE IN CONDUIT, VIDEO NO. 18 3C	FOOT	550

FILE NAME =	USER NAME = nmarel	DESIGNED -	REVISED -
N:\LCDOT\04229\Traffic\010_CAB_Cmbrdge-Wads.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM
WADSWORTH ROAD AT CAMBRIDGE BOULEVARD
LAKE COUNTY, ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	111

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT

NOTES FOR TEMPORARY TRAFFIC SIGNALS

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

N

0 10 20 40

SCALE: 1" = 20'

MATCH LINE STA. 217+00

MATCH LINE STA. 213+20

MATCH LINE STA. 182+45

(GREEN BAY RD)

IL. RTE. 131 (GREEN BAY RD.)

WADSWORTH ROAD

TEMP. CONSTRUCTION EASEMENT

EXIST. R.O.W.

PROP. R.O.W.

PERM. EASEMENT

AERIAL CABLE

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

CONSTRUCTION NOTE:

(1) SETTING THE POLES DEEPER AND/OR PROVIDING BRACING TO ACCOMMODATE THE STORM SEWER INSTALLATION SHALL BE INCLUDED IN THE COST FOR THE PAY ITEM.

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

1	EACH	CONTROLLER CABINET (COMPLETE)
4	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
6	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
2	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
4	EACH	STEEL MAST ARM AND POLE
4	EACH	SIGNAL POST
1	EACH	ELECTRICAL SERVICE

STAGE 1

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

PROFILE PLAN — SURVEYED — PLOTTED — CROSS SECTIONED — R.O.W. NOTED — STRUCTURE NO(S) — NOTE BOOK — NO. — DATE — BY — REVISED — PLOTTED — DRAWN BY CHECKED — R.O.W. NOTED — STADD FILE NAME

FILE NAME = N:\CDOT\04229\Traffic\011-a_TMP-STAGE1	USER NAME = rmorel	DESIGNED -	REVISED -
	Grnbay-Wads.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT GREENBAY ROAD AT WADSWORTH ROAD LAKE COUNTY, ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	112
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

NOTES FOR TEMPORARY TRAFFIC SIGNALS

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

N

0 10 20 40

SCALE: 1" = 20'

MATCH LINE STA. 217+00

(GREEN BAY RD)

TEMP. CONSTRUCTION EASEMENT

EXIST. R.O.W.

PROP. R.O.W.

216'

250'

116'

32'

AERIAL CABLE

MATCH LINE STA. 217+00

111'

218'

217'

EXIST. R.O.W.

WADSWORTH

ROAD

250'

100'

177 178 179 180+00 181 182

MATCH LINE STA. 182+45

215+00

EXIST. R.O.W.

PROP. R.O.W.

18'

MATCH LINE STA. 213+20

IL. RTE. 131 (GREEN BAY RD.)

213'

212'

82.5'

115'

PERM. EASEMENT

TEMP. CONSTRUCTION EASEMENT

IL. RTE. 131

214'

82.5'

250'

115'

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

CONSTRUCTION NOTE:

(1) THE YELLOW AND GREEN ARROW SECTIONS FOR THE 5-SECTION HEADS SHALL BE BAGGED AND DISABLED FOR STAGE 2.1.

SIGN (A)

LEFT ON GREEN ARROW ONLY

R10-5
24" x 30"
8-REQUIRED

WADSWORTH ROAD

183

STAGE 2.1

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

PLAN / PROFILE
SURVEYED
DRAWN
CHKED
NOTE BOOK
NO.
BY
DATE
REVISIONS
ALIGNMENT CHECKED
R.O.W. STAKED
BOND TRUE NAME
STRUCTURE NOTATIONS ENTRD

FILE NAME = N:\CDOT\84229\Traffic\Dlnb_TMP-STAGE2 1.Grnbay-Wads.dgn
USER NAME = rmorel
PLOT SCALE = 20'
PLOT DATE = 1/22/2013
DESIGNED -
DRAWN -
CHECKED -
DATE -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
GREENBAY ROAD AT WADSWORTH ROAD
LAKE COUNTY, ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	113
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

NOTES FOR TEMPORARY TRAFFIC SIGNALS

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

N

0 10 20 40

SCALE: 1" = 20'

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

MATCH LINE STA. 217+00

MATCH LINE STA. 213+20

MATCH LINE STA. 182+45

(GREEN BAY RD)

IL RTE. 131 (GREEN BAY RD.)

IL RTE. 131

WADSWORTH ROAD

EXIST. R.O.W.

PROP. R.O.W.

TEMP. CONSTRUCTION EASEMENT

PERM. EASEMENT

AERIAL CABLE

250'

100'

115'

82.5'

216

218

212

213

214

217

111'

116'

82'

177 178 179 180+00 181 182 183

215+00

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

PROFILE — NOTE BOOK — NO. — PLAN — NOTE BOOK — NO. — SURVEYED — DRAWN — ALIGNMENT CHECKED — GRADES CHECKED — R/W OR EASE CHECKED — STRUCTURE NOTATIONS CHECKED — BY — DATE

FILE NAME = N:\c\CDOT\94229\TrafFile\011-6_TMP-STAGE2-2_Greenbay-Wadsdgn	USER NAME = mmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

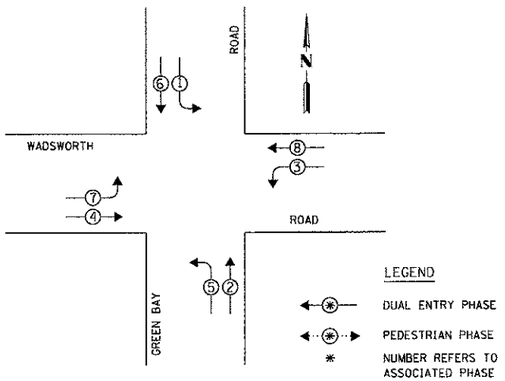
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2.2
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT GREENBAY ROAD AT WADSWORTH ROAD LAKE COUNTY, ILLINOIS

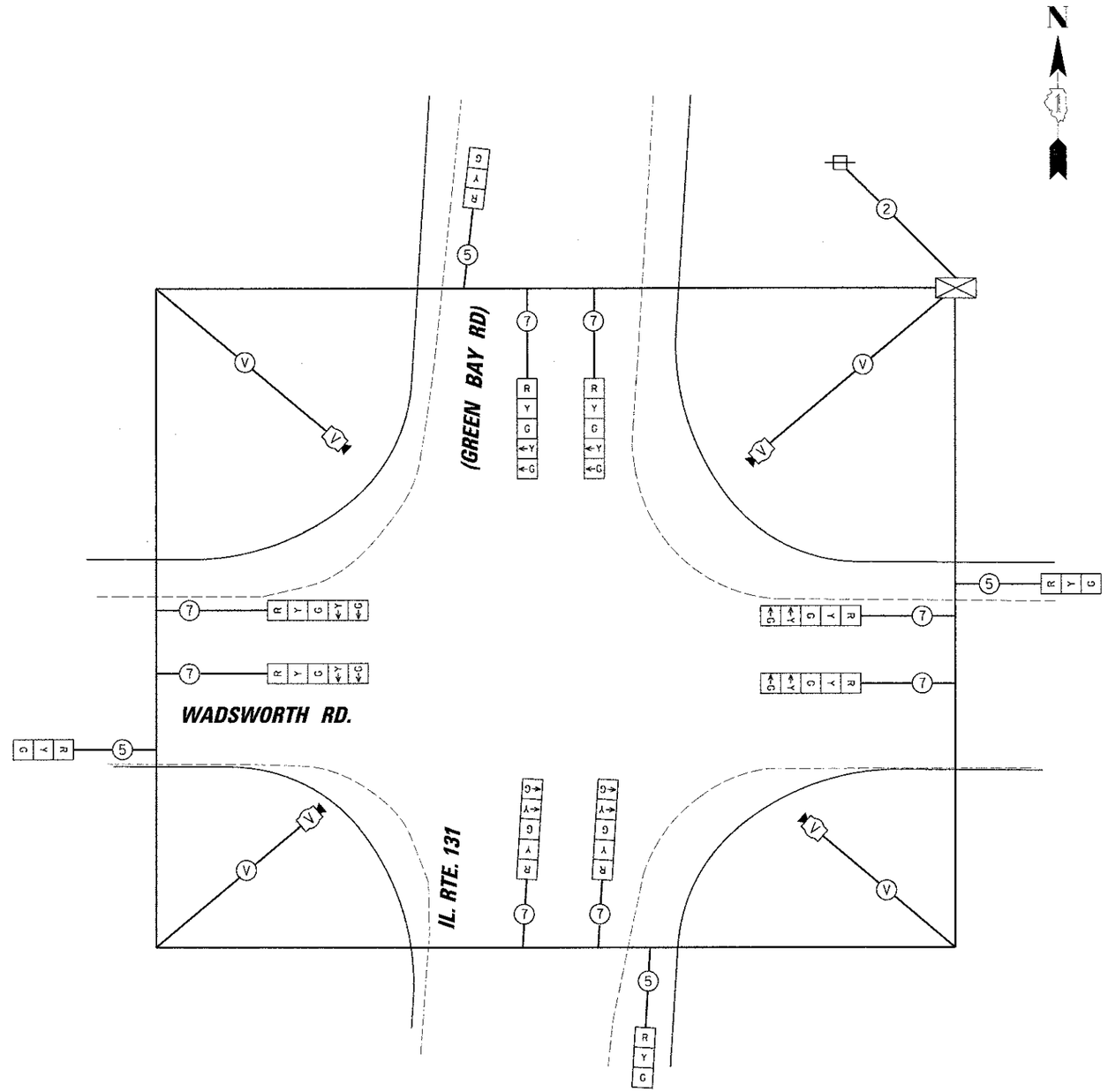
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	114
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TEMPORARY CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM



TEMPORARY CABLE PLAN LEGEND

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12"
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- (5) DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED
- (V) VIDEO DETECTION CAMERA
- (V) VENDOR CABLE FOR CAMERA

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE x INCAND.	LED	x % OPERATION	
SIGNAL (RED)	12		17	0.50	102.00
(YELLOW)	12		25	0.25	75.00
(GREEN)	12		15	0.25	45.00
ARROW	16		12	0.10	19.20
PED. SIGNAL	-		25	1.00	-
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	1		150	1.00	150.00
FLASHER	-		-	0.50	-
ENERGY COSTS TO:				TOTAL =	491.20

ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: KIM KANGAS
PHONE: (847) 816-5497
COMPANY: COMED

STAGE 1 & 2.2

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

PROFILE | PLAN | NOTE BOOK | SURVEYED | PLOTTED | DRAWN | CHECKED | B.M. NOTED | STRUCTURE NO(S) | R.R. CROSSING NO(S) | DATE | BY

FILE NAME =	USER NAME = mpatel	DESIGNED -	REVISED -
N:\CDOT\94229\Traffic\012-a_TCP_STAGE1&2-2_Greenbay-Wads.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

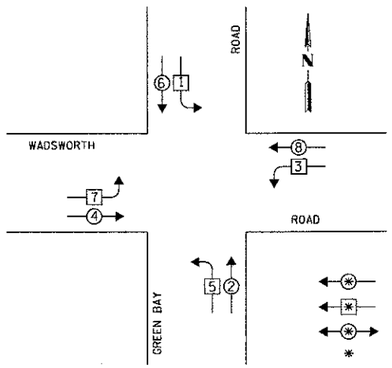
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM
IL. RTE. 131 (GREENBAY ROAD) AT WADSWORTH ROAD
LAKE COUNTY, ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	115
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

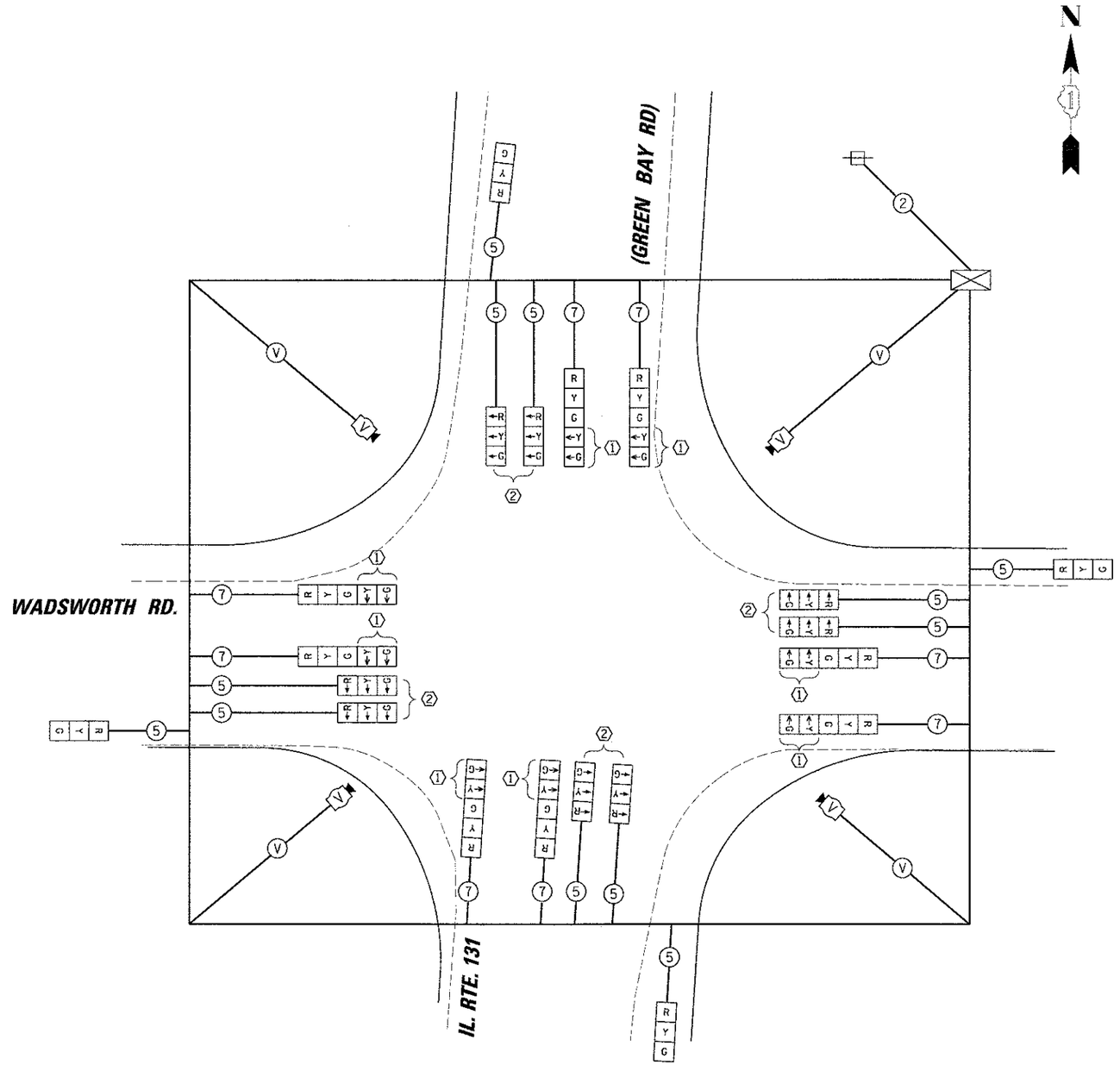
TEMPORARY CONTROLLER SEQUENCE



LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM



TEMPORARY CABLE PLAN LEGEND

- R — TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12"
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- (5) — DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED
- V — VIDEO DETECTION CAMERA
- (V) — VENDOR CABLE FOR CAMERA

CONSTRUCTION NOTES:

(1) THE YELLOW AND GREEN ARROW SECTIONS FOR THE 5-SECTION HEADS SHALL BE BAGGED AND DISABLED FOR STAGE 2.1.

(2) LEAD-LAG LEFT PHASING SHALL BE USED FOR LEFT TURN MOVEMENTS AS DIRECTED BY THE ENGINEER.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE xINCAND.	LED	x % OPERATION	
SIGNAL (RED)	12		17	0.50	102.00
(YELLOW)	12		25	0.25	75.00
(GREEN)	12		15	0.25	45.00
ARROW	24		12	0.50	144.00
PED. SIGNAL	-		25	1.00	-
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	1		150	1.00	150.00
FLASHER	-		-	0.50	-
ENERGY COSTS TO:				TOTAL =	616.00

ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: KIM KANGAS
PHONE: (847) 816-5497
COMPANY: COMED

STAGE 2.1

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

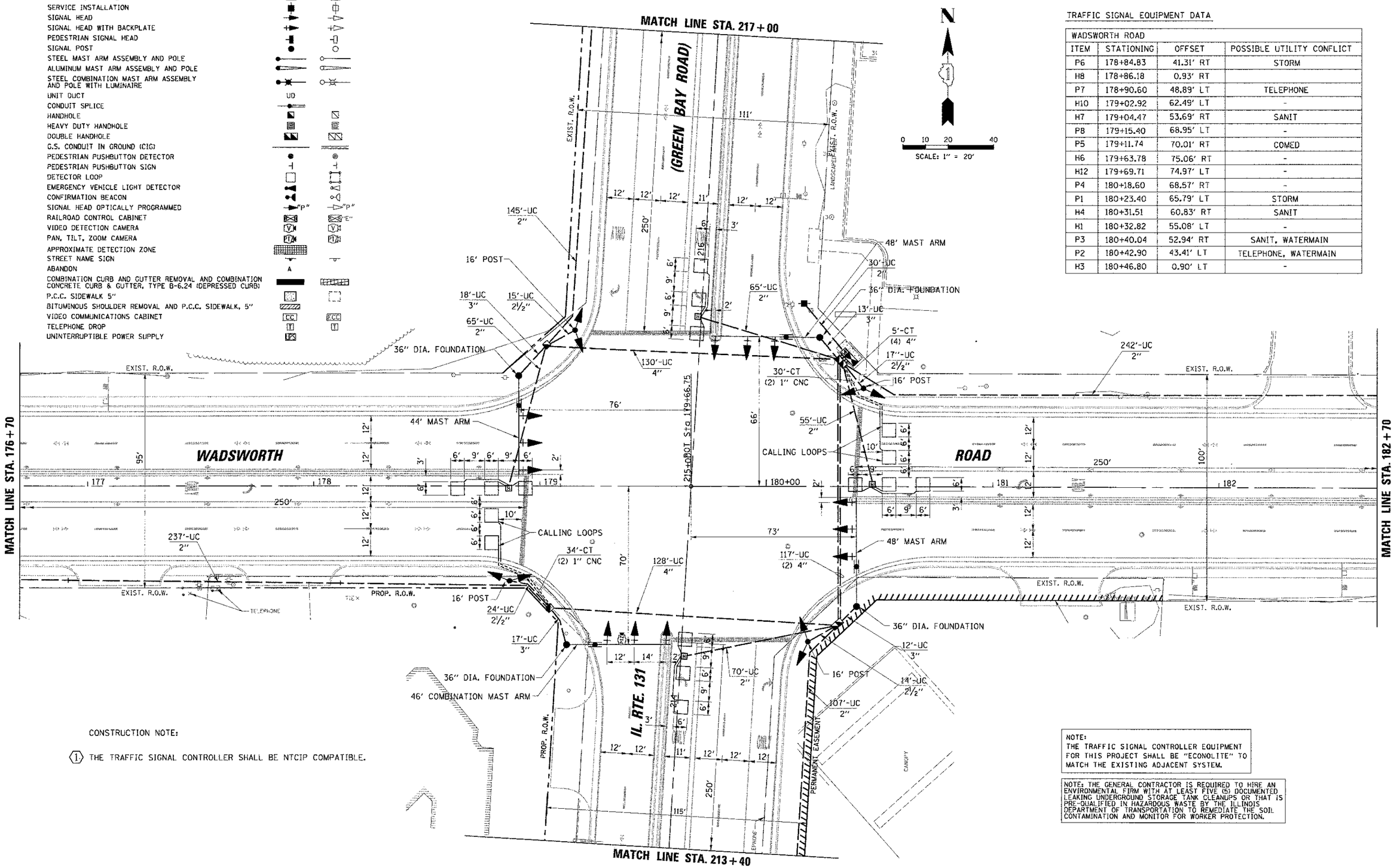
PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATNS CHKD — BY — DATE

FILE NAME = N:\LCDOT\04229\Traffic\012-b_TCB_STAGE2-1_Grnbay-Wads.dgn	USER NAME = nmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM IL. RTE. 131 (GREENBAY ROAD) AT WADSWORTH ROAD LAKE COUNTY, ILLINOIS	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 116
	PLOT SCALE = 20'	DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT DATE = 1/22/2013	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
		DATE -	REVISED -							

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
PEDESTRIAN SIGNAL HEAD		
SIGNAL POST		
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
UNIT DUCT	UD	
CONDUIT SPLICE		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN GROUND (CIG)		
PEDESTRIAN PUSHBUTTON DETECTOR		
PEDESTRIAN PUSHBUTTON SIGN		
DETECTOR LOOP		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED	"P"	"P"
RAILROAD CONTROL CABINET		"E"
VIDEO DETECTION CAMERA	V	V
PAN, TILT, ZOOM CAMERA	PTZ	PTZ
APPROXIMATE DETECTION ZONE		
STREET NAME SIGN		
ABANDON	A	
COMBINATION CURB AND GUTTER REMOVAL AND COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (DEPRESSED CURB)		
P.C.C. SIDEWALK 5"		
BITUMINOUS SHOULDER REMOVAL AND P.C.C. SIDEWALK, 5"		
VIDEO COMMUNICATIONS CABINET	CC	ECC
TELEPHONE DROP	T	T
UNINTERRUPTIBLE POWER SUPPLY	UPS	



CONSTRUCTION NOTE:

1. THE TRAFFIC SIGNAL CONTROLLER SHALL BE NTCIP COMPATIBLE.

TRAFFIC SIGNAL EQUIPMENT DATA

WADSWORTH ROAD			
ITEM	STATIONING	OFFSET	POSSIBLE UTILITY CONFLICT
P6	178+84.83	41.31' RT	STORM
H8	178+86.18	0.93' RT	
P7	178+90.60	48.89' LT	TELEPHONE
H10	179+02.92	62.49' LT	-
H7	179+04.47	53.69' RT	SANIT
P8	179+15.40	68.95' LT	-
P5	179+11.74	70.01' RT	COMED
H6	179+63.78	75.06' RT	-
H12	179+69.71	74.97' LT	-
P4	180+18.60	68.57' RT	-
P1	180+23.40	65.79' LT	STORM
H4	180+31.51	60.83' RT	SANIT
H1	180+32.82	55.08' LT	-
P3	180+40.04	52.94' RT	SANIT, WATERMAIN
P2	180+42.90	43.41' LT	TELEPHONE, WATERMAIN
H3	180+46.80	0.90' LT	-

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

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

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

PROFILE: SURVEYED, PLOTTED, LOADS CHECKED, DRAWN, STRUCTURE NO(PARENT) OR(NO)
PLAN: SURVEYED, PLOTTED, NOTE BOOK, ALIGNMENT CHECKED, PLANS DRAWN, CADD FILE NAME, DESIGNED
NO. BY DATE

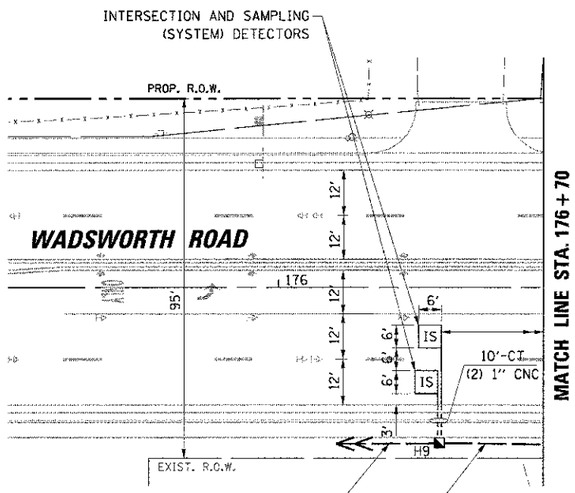
FILE NAME =	USER NAME = rmarol	DESIGNED -	REVISED -
N:\LCDOT\04229\Traffic\013_TSDI_Grnbay-Wadsdgn		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

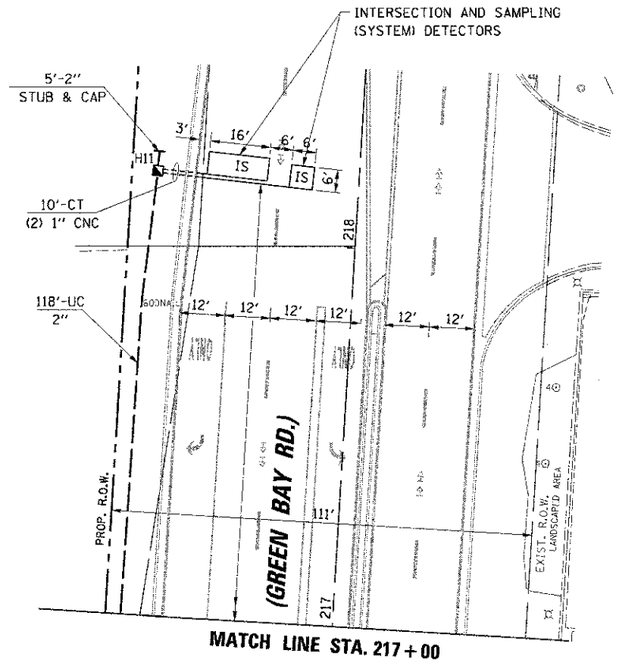
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

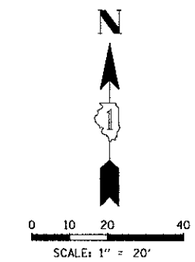
TRAFFIC SIGNAL INSTALLATION PLAN
IL. RTE. 131 (GREEN BAY ROAD) AT WADSWORTH ROAD
LAKE COUNTY, ILLINOIS

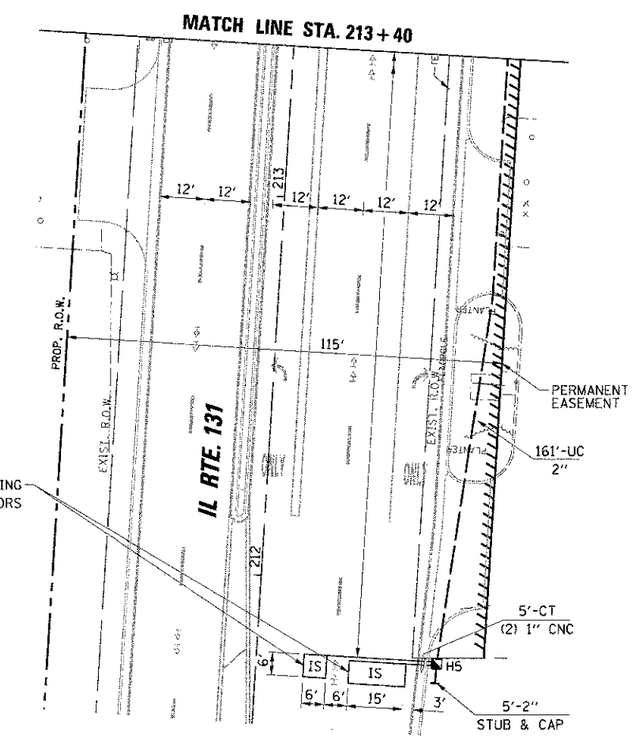
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

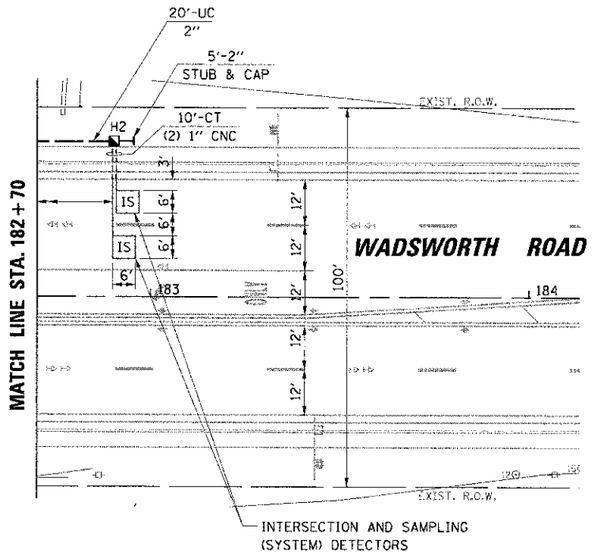
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	117
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		











TRAFFIC SIGNAL EQUIPMENT DATA

176+42.48	40.99' RT	STORM
182+90.21	41.09' LT	TELEPHONE

TRAFFIC SIGNAL EQUIPMENT DATA

211+79.40	47.74' RT	-
218+17.39	53.17' LT	-

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

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

PROFILE | NOTE BOOK NO. | SURVEYED | PLOTTED | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CHKD | BY | DATE

PLAN | NOTE BOOK NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | BY | DATE

FILE NAME = N:\LCDOT\04229\Traffic\014_TS02_Grnbay-Wads.dgn	USER NAME = rmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL. RTE. 131 (GREEN BAY ROAD) AT WADSWORTH ROAD
LAKE COUNTY, ILLINOIS

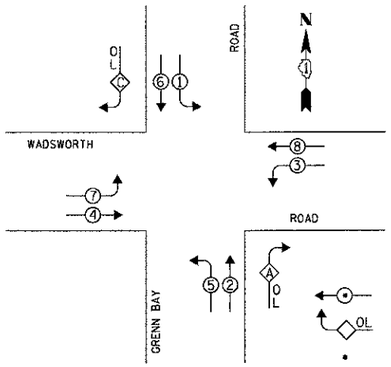
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	118

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

CONTROLLER SEQUENCE



LEGEND

DUAL ENTRY PHASE

OVERLAP

NUMBER REFERS TO ASSOCIATED PHASE

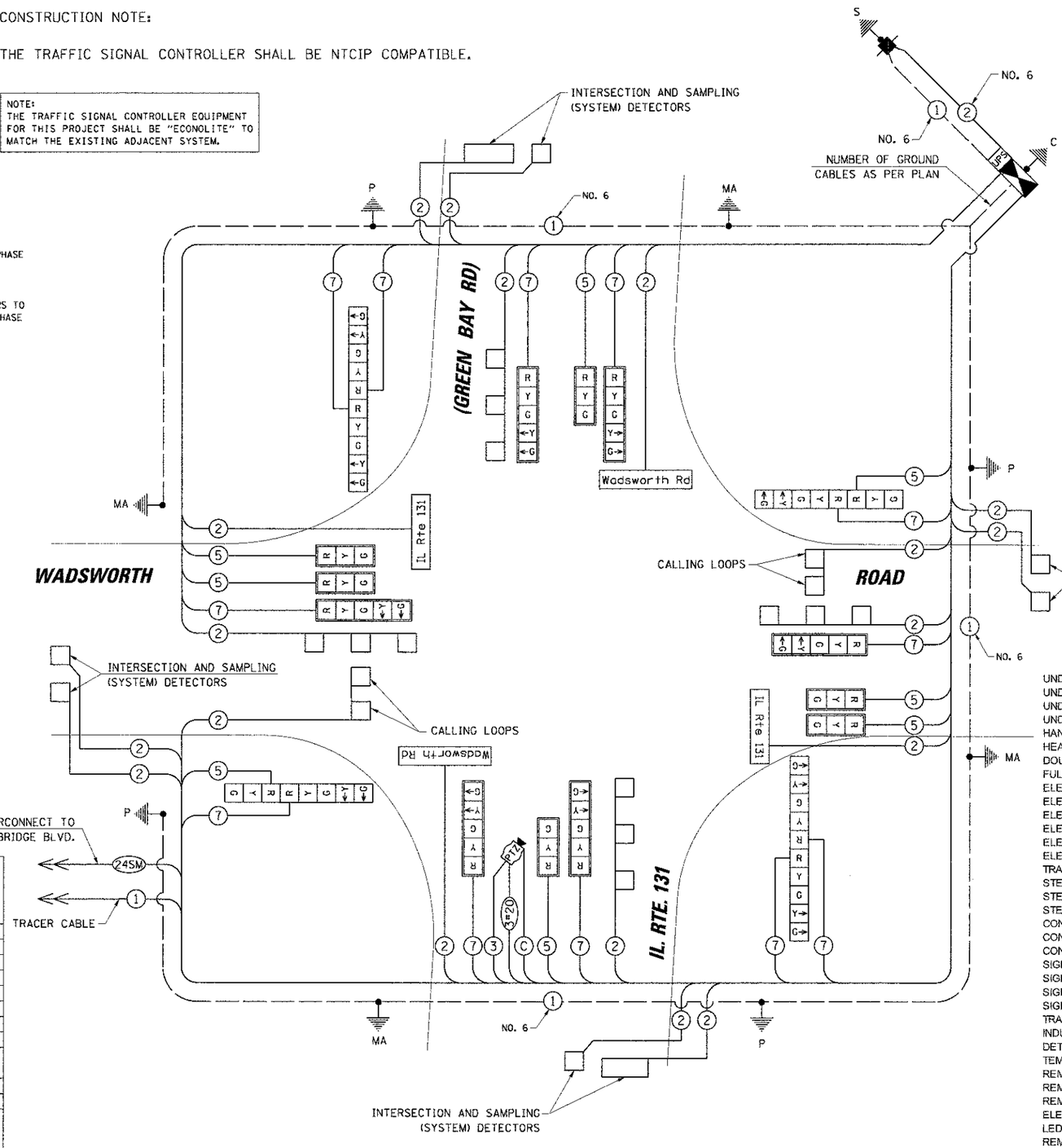
PHASE DESIGNATION DIAGRAM

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
C	=	6	+	7

CONSTRUCTION NOTE:

(1) THE TRAFFIC SIGNAL CONTROLLER SHALL BE NTCIP COMPATIBLE.

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



CABLE PLAN

CABLE PLAN LEGEND

EXISTING	PROPOSED	
R	R	12" (300mm) TRAFFIC SIGNAL SECTION
W	W	12" (300mm) PEDESTRIAN SIGNAL SECTION
	C D	12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		SERVICE INSTALLATION
T	T	TELEPHONE INSTALLATION
		DETECTOR LOOP, TYPE 1
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
2	2	DENOTES NUMBER OF CONDUCTORS. ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED.
1	1	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C UNLESS NOTED OTHERWISE
24SM	24SM	FIBER OPTIC CABLE IN CONDUIT 24SM
R Y G ←Y ←G	R Y G ←Y ←G	SIGNAL FACE WITH BACKPLATE "P" INDICATES PROGRAMMED HEAD.
C	C	GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE
		LUMINAIRE
V	V	VIDEO DETECTION CAMERA
PTZ	PTZ	DOME CAMERA (PAN/TILT/ZOOM)
ECC	CC	VIDEO COMMUNICATIONS CABINET
ST. NAME	ST. NAME	L.E.D. STREET NAME SIGN
	UPS	UNINTERRUPTIBLE POWER SUPPLY
	C	COAXIAL CABLE
	V	VENDOR CABLE FOR CAMERA

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE INCAND.	WATTAGE LED	x % OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20		17	0.50	170.00
(YELLOW)	20		25	0.25	125.00
(GREEN)	20		15	0.25	75.00
ARROW	24		12	0.10	28.80
PED. SIGNAL	-		25	1.00	-
CONTROLLER	1		100	1.00	100.00
L.E.D. ST. NAME SIGN	4	-	64	0.50	128.00
VIDEO SYSTEM	1	150		1.00	150.00
BATTERY BACK UP SYSTEM	1	25		1.00	25.00
FLASHER				0.50	-
ENERGY COSTS TO:				TOTAL =	801.80

ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: KIM KANGAS
PHONE: (847) 816-5497
COMPANY: COMED

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1327
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	70
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	60
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	517
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	847
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	712
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1725
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2478
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4355
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	49
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
CONCRETE FOUNDATION TYPE A	FOOT	16
CONCRETE FOUNDATION TYPE C	FOOT	4
CONCRETE FOUNDATION TYPE E, 36-INCH DIAMETER	FOOT	60
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	12
INDUCTIVE LOOP DETECTOR	EACH	14
DETECTOR LOOP, TYPE I	FOOT	853
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	14
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	374
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
VIDEO ENCODER	EACH	1
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	718

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

PROFILE: SURVEYED ____ PLOTTED ____ GRADES CHECKED ____ CROSS SECTIONED ____ STRUCTURE NO.&NAME GIVEN ____
NOTE BOOK ____ NO. ____
PLAN — NOTE BOOK ____ NO. ____
BY ____ DATE ____
SURVEYED ____ PLOTTED ____ ALIGNMENT CHECKED ____ CROSS SECTIONED ____ CADD FILE NAME ____
BY ____ DATE ____

FILE NAME = N:\LCDOT\64223\Traffic\815_DAB_Grnbay-Wads.dgn	USER NAME = nmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN -	REVISED -	
	PLOT SCALE = 20'	CHECKED -	REVISED -	
	PLOT DATE = 1/22/2013	DATE -	REVISED -	

SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM
IL. RTE. 131 (GREEN BAY ROAD) AT WADSWORTH ROAD
LAKE COUNTY, ILLINOIS

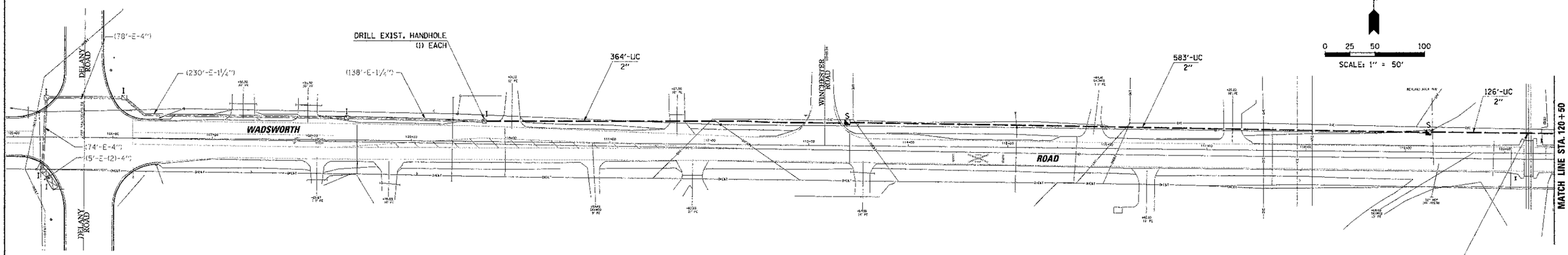
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	119
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

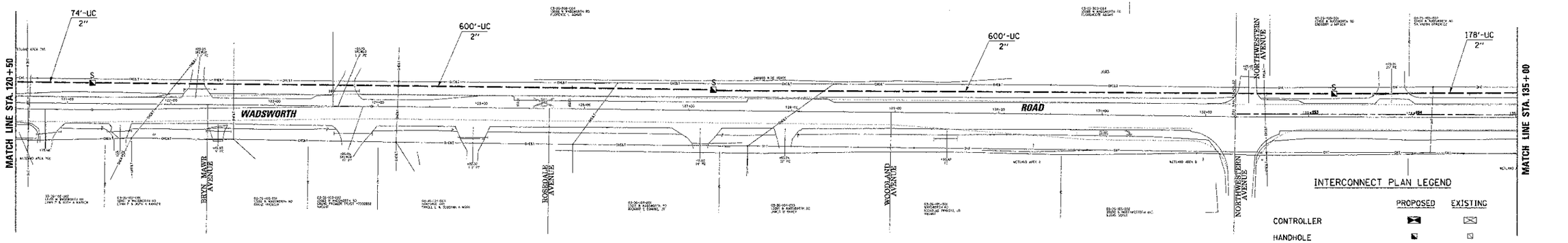
PROFILE | PLAN
NOTE BOOK
NO.

BY	DATE	SUBMITTED / PLOTTED / GRADES CHECKED / STRUCTURE NOTATIONS CHKD
		PLOTTED
		ALIGNMENT CHECKED
		ORIG. PLAN PROCESSED
		F.A.U. FILE NAME



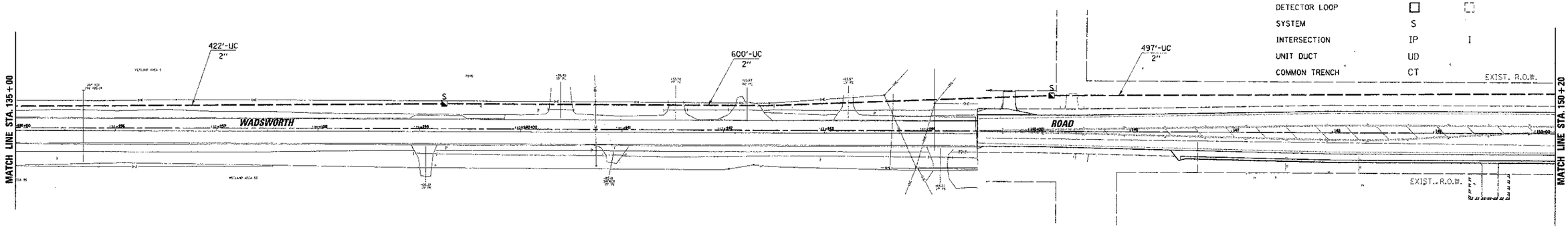
NOTE: THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

2" GALVANIZED STEEL CONDUIT SHALL BE INSTALLED AT A DEPTH OF 15 FT. FROM TOP OF CONDUIT TO TOP OF TIE OF THE MAIN TRACK, PER UNION PACIFIC R.R.



INTERCONNECT PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER	▣	▣
HANDHOLE	■	▨
DOUBLE HANDHOLE	■■	▨▨
HEAVY-DUTY HANDHOLE	⊞	⊟
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	———	———
DETECTOR LOOP	□	⬚
SYSTEM	S	
INTERSECTION	IP	I
UNIT DUCT	UD	
COMMON TRENCH	CT	



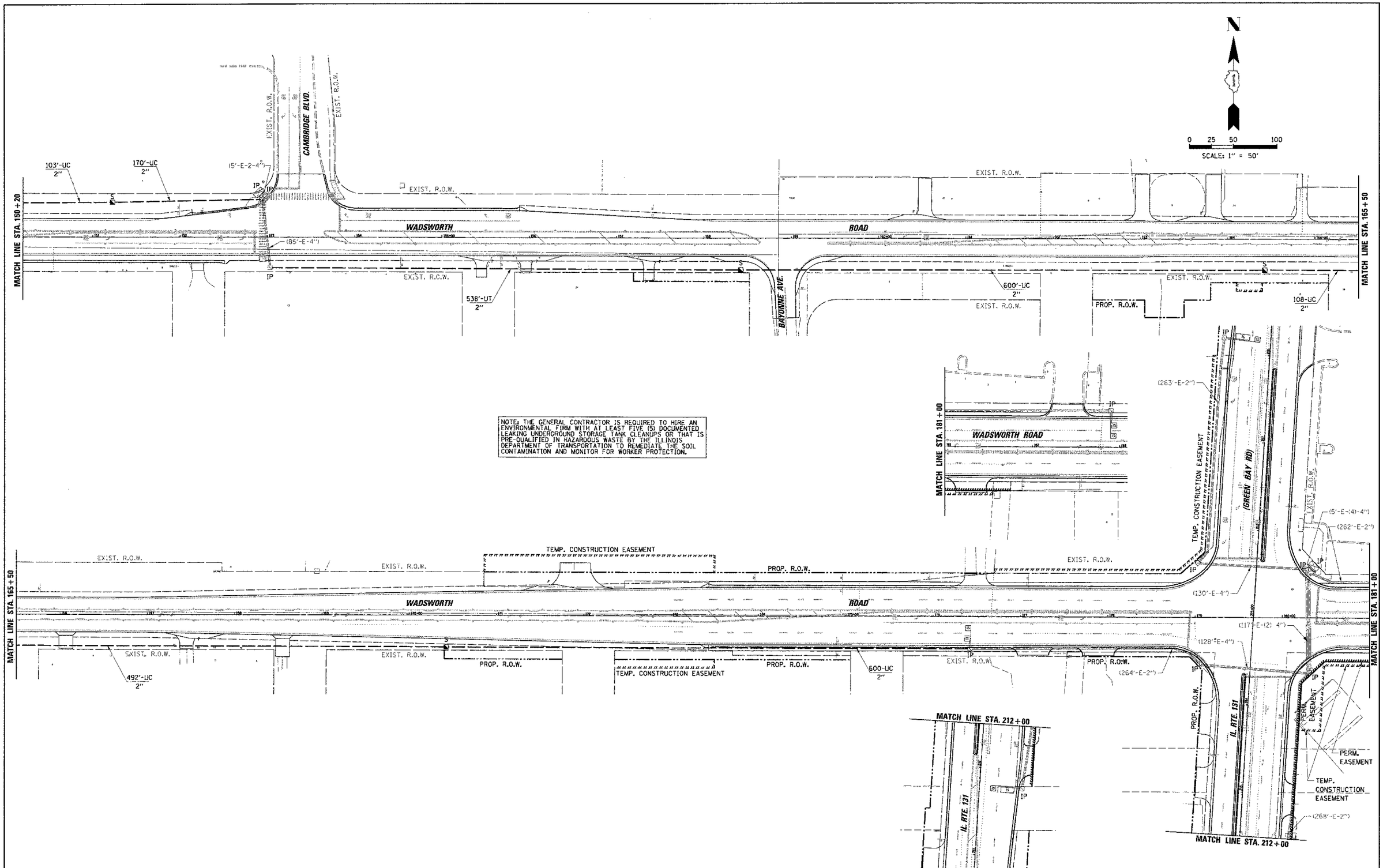
FILE NAME = N:\CDOT\84229\Traffic\ELS_INT_84229.dgn	USER NAME = mmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN
WADSWORTH ROAD
DELANEY ROAD TO IL. RTE. 131 (GREEN BAY ROAD)
LAKE COUNTY, ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	120
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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

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

PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHKD — BY — DATE

FILE NAME = N:\LCDOT\04229\Traffic\017_INT_04229.dgn	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

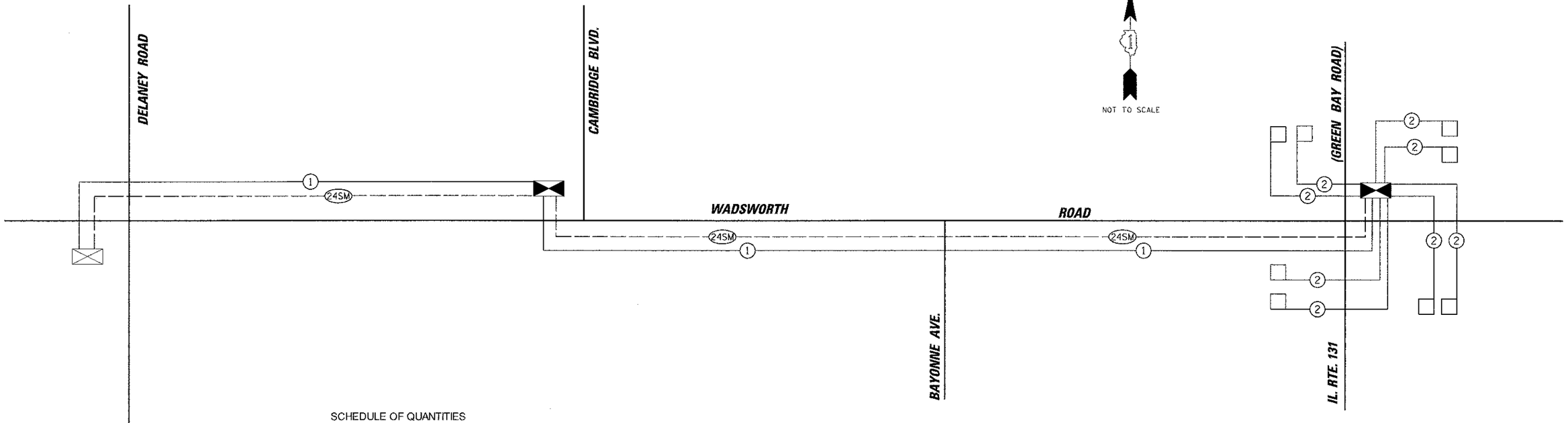
INTERCONNECT PLAN
WADSWORTH ROAD
DELANEY ROAD TO IL. RTE. 131 (GREEN BAY ROAD)
LAKE COUNTY, ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	121

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT



SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	6655
HANDHOLE	EACH	11
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	1
FIBER OPTIC CABLE IN CONDUIT, 24 SINGLE MODE	FOOT	8029
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7990
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL II	EACH	3
RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1

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

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

CONSTRUCTION NOTE:

(1) THE TRAFFIC SIGNAL CONTROLLER SHALL BE NTCIP COMPATIBLE.

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

PLAN: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ ALIGNMENT CHECKED ___ RT. OF WAY CHECKED ___ CADD FILE NAME ___ BY ___ DATE ___

PROFILE: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ B.M. NOTED ___ STRUCTURE NOTATIONS CHKD ___ BY ___ DATE ___

FILE NAME = N:\LCDOT\04229\Traffic\018_SCH_04229.dgn	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

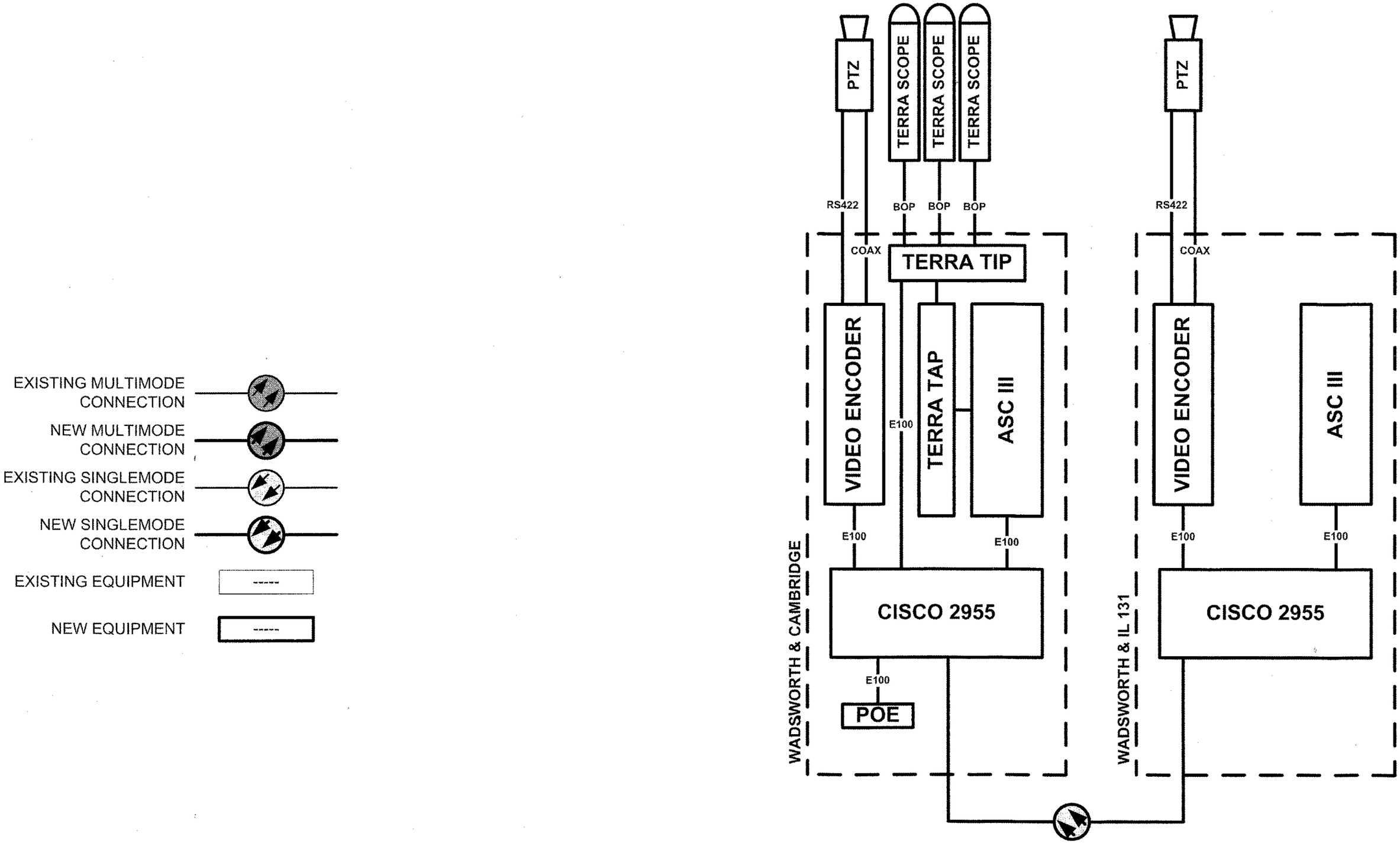
INTERCONNECT SCHEMATIC PLAN
WADSWORTH ROAD
DELANEY ROAD TO IL. RTE. 131 (GREEN BAY ROAD)
LAKE COUNTY, ILLINOIS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	122

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



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

FILE NAME = N:\LCDOT\84229\T-Traffic\019_DET_Cabinet.dgn	USER NAME = nmorel	DESIGNED - ABR	REVISED -
		DRAWN - FCP	REVISED -
	PLOT SCALE = 20'	CHECKED - MJT	REVISED -
	PLOT DATE = 1/13/2012	DATE -	REVISED -

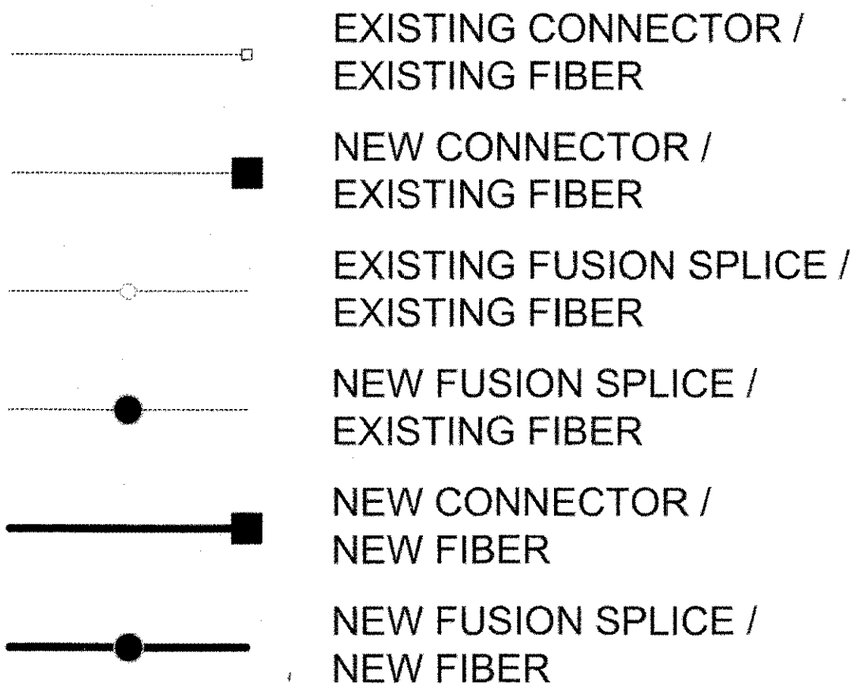
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

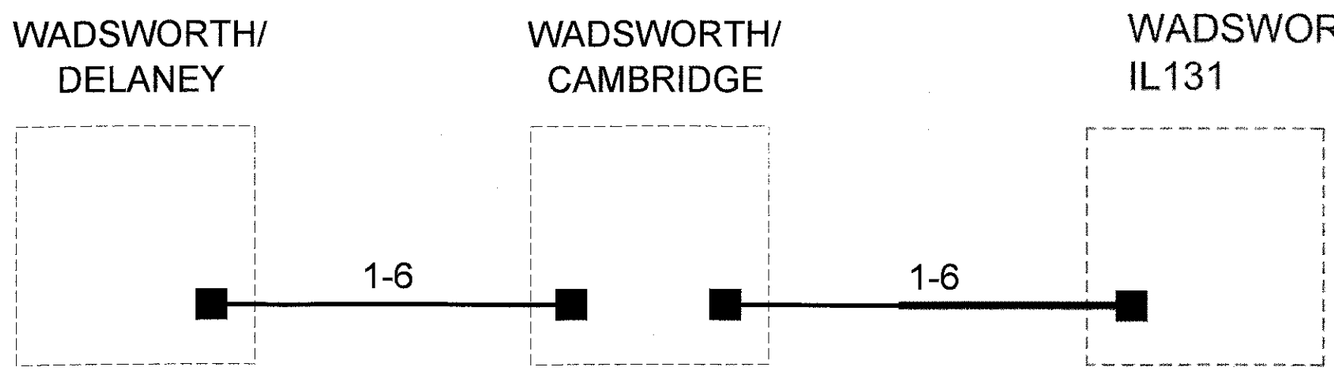
CABINET DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	123
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT





FILE NAME = N:\LCDOT\24229\Traffic\022.DET_Fiber Splice Diag.dgn	USER NAME = nmorel	DESIGNED - ABR	REVISED -
		DRAWN - FCP	REVISED -
	PLOT SCALE = 20'	CHECKED - MJT	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER SPLICING DIAGRAM

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	124

CONTRACT NO. 63766

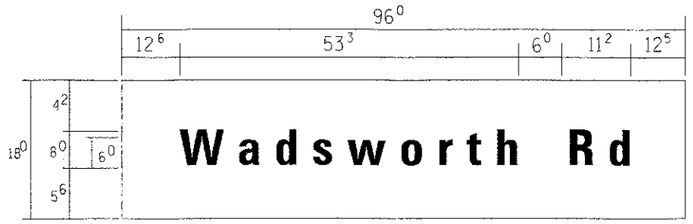
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

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

PROFILE | NOTE BOOK NO. | SURVEYED | PLOTTED | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CHKD | BY | DATE

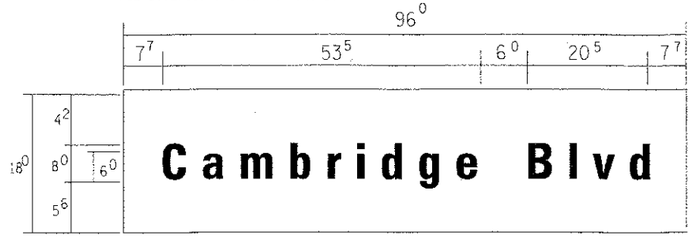
PLAN | NOTE BOOK NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RIT. OF WAY CHECKED | CADD FILE NAME | BY | DATE

PANEL DESIGN TYPE 1

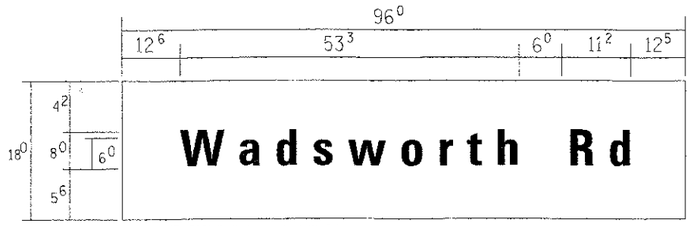


ALL DIMENSIONS SHOWN IN INCHES

12.0 SQ. FT. EACH
1 REQUIRED
X SINGLE SIDED REQUIRED
___ DOUBLE SIDED REQUIRED
DESIGN SERIES D

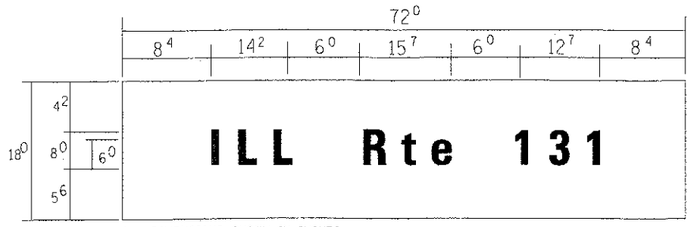


12.0 SQ. FT. EACH
2 REQUIRED
___ SINGLE SIDED REQUIRED
X DOUBLE SIDED REQUIRED
DESIGN SERIES D



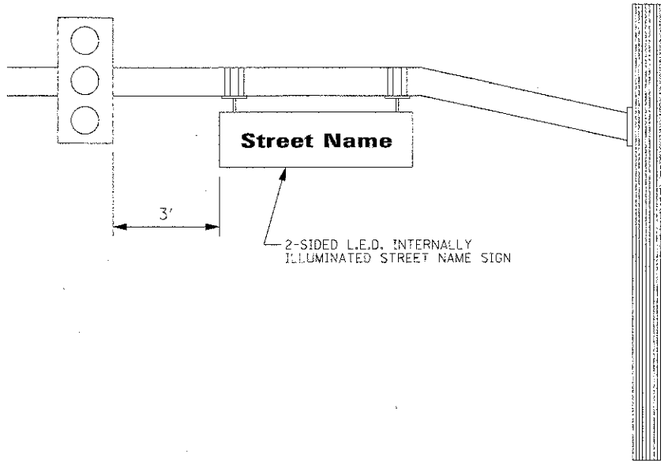
ALL DIMENSIONS SHOWN IN INCHES

12.0 SQ. FT. EACH
2 REQUIRED
___ SINGLE SIDED REQUIRED
X DOUBLE SIDED REQUIRED
DESIGN SERIES D



ALL DIMENSIONS SHOWN IN INCHES

9.0 SQ. FT. EACH
2 REQUIRED
___ SINGLE SIDED REQUIRED
X DOUBLE SIDED REQUIRED
DESIGN SERIES D



NOTE: L.E.D. ILLUMINATED STREET NAME SIGNS AVAILABLE ONLY IN 2 FOOT INCREMENTS

SCALE: NONE
DATE 5/22/08
DESIGNED BY JPS
CHECKED BY JPN

REVISIONS / REMARKS					
NO.	DESCRIPTION	DATE	BY	SURVEYOR:	/
		/ /		DSGNR/LIAISON:	
		/ /		PLOTTED BY:	$USRN$ $$DAT$$$$

LakeCounty Division of Transportation

MAST ARM MOUNTED STREET NAME SIGNS

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS

FILE NAME = N:\LCDOT\04229\Traffic\021_STN_04229.dgn
USER NAME = mmorel
PLOT SCALE = 20'
PLOT DATE = 11/13/2012

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	125

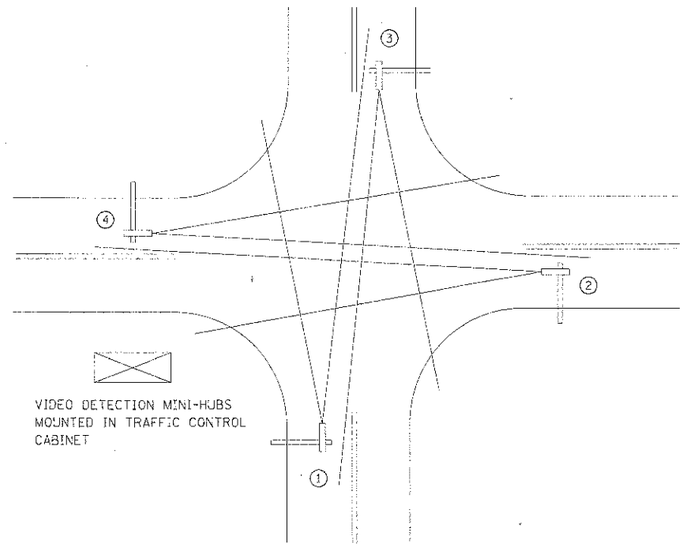
CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

PROFILE: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RTE. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

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

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RTE. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE



TYPICAL VIDEO VEHICLE DETECTION SYSTEM

(NOT TO SCALE)

(4) MACHINE VISION PROCESSOR ASSEMBLIES AND BRACKETS ①②③④
POWER CABLE TO EACH MACHINE VISION PROCESSOR (24 VAC)

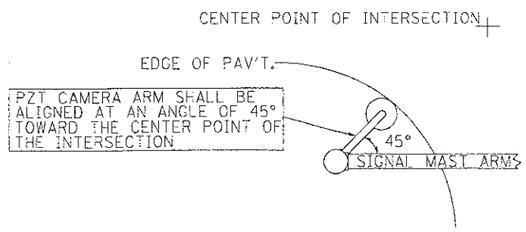
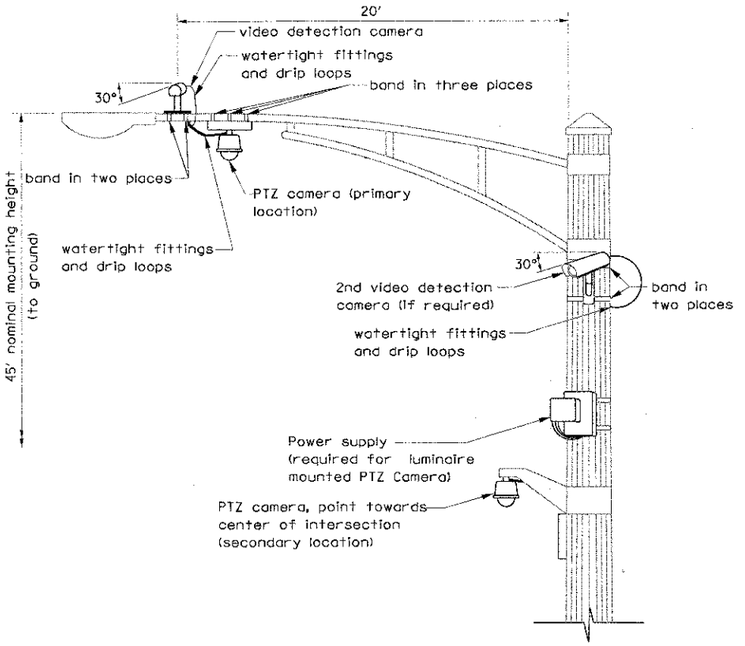


IMAGE SENSOR MOUNTING DETAILS

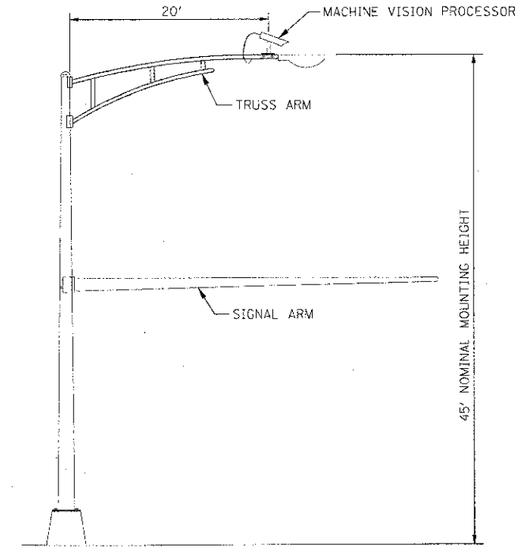
(NO SCALE)



VIDEO DETECTION CAMERA(S) AND DOME (PTZ) CAMERA MOUNTING DETAIL

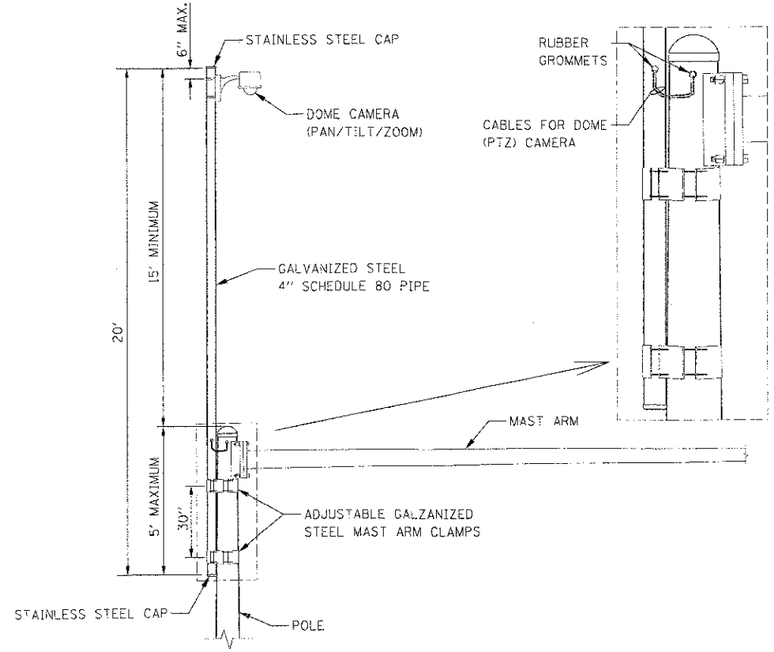
(NOT TO SCALE)

NOTES FOR SINGLE, DUAL AND MULTIPLE MVP MOUNTING:
- MOUNT LUMINAIRE MOUNTING BRACKET AS HIGH AS POSSIBLE.
- AIM BRACKET TOWARD DIRECTION OF TRAFFIC TO BE DETECTED.
- MOUNT MACHINE VISION PROCESSOR AIMING DOWN AT 30 DEGREE ANGLE.



COMBINATION MAST ARM ASSEMBLY AND POLE DIMENSIONS

(NOT TO SCALE)



CAMERA MOUNTING ASSEMBLY DETAIL

(NOT TO SCALE)

REVISIONS	DATE
Mounting Details Revised	5/1/08
2nd Camera Local. added	1/14/09

LakeCounty Division of Transportation

APPROVED BY: A. KHAWAJA
DATE: APRIL 1, 2007

VIDEO DETECTION DETAILS

I.C.89OO

REVISIONS / REMARKS					
NO.	DESCRIPTION	DATE	BY	SURVEYOR:	/
		/ /		DSGNR/LIAISON:	
		/ /		PLOTTED BY:	$USRNS $$DAT$$$$

LakeCounty Division of Transportation

VIDEO DETECTION DETAILS

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH				

FILE NAME =	USER NAME = cmorrell	DESIGNED -	REVISED -
N:\LCDOT\94229\Traffic\222JL08900.dgn		DRAWN -	REVISED -
	PLOT SCALE = 2'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

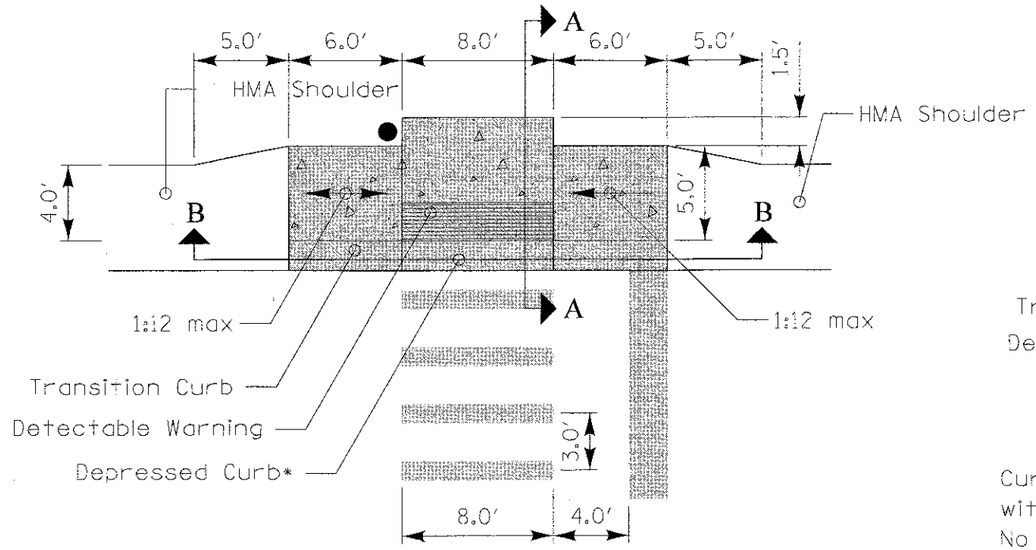
VIDEO DETECTION DETAILS

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

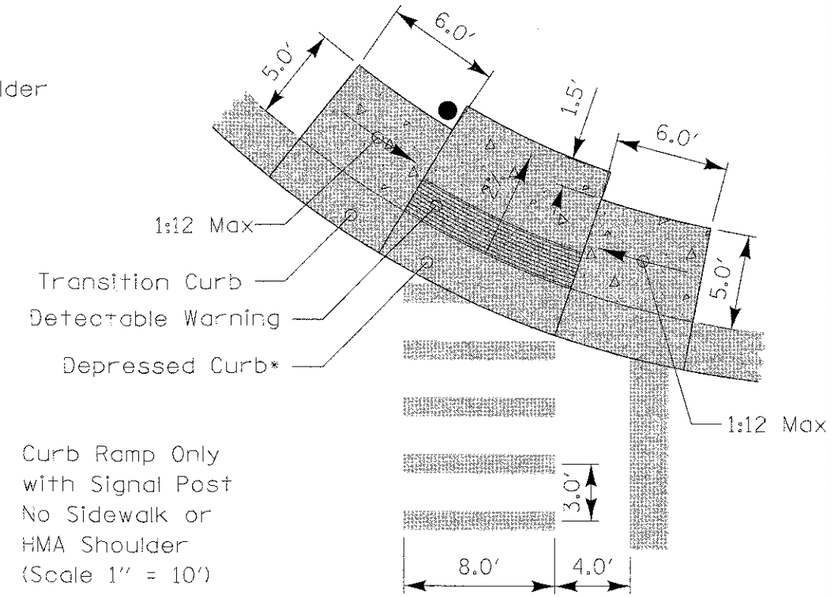
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	126
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

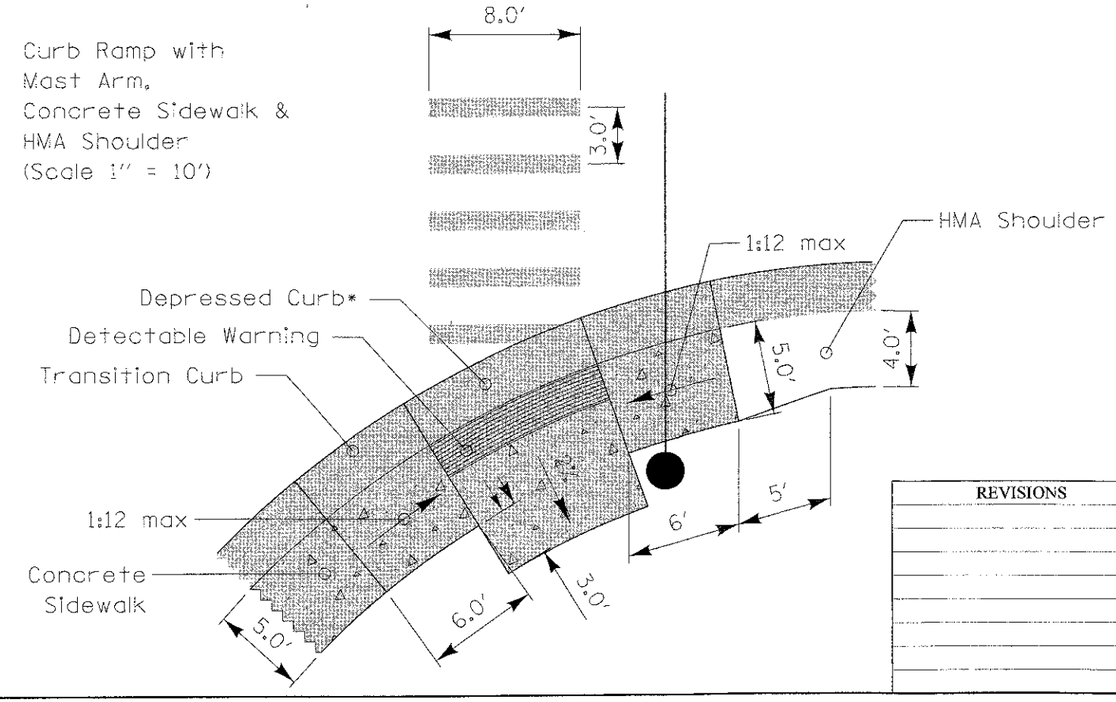
PROFILE



Curb Ramp with Signal Post & Transitions to HMA Shoulders (Scale 1" = 10')



Curb Ramp Only with Signal Post No Sidewalk or HMA Shoulder (Scale 1" = 10')



Curb Ramp with Mast Arm, Concrete Sidewalk & HMA Shoulder (Scale 1" = 10')

*GENERAL NOTES:

1. The gutter slope for the DEPRESSED CURB adjacent to the curb ramp is a maximum of 5% (standard curb and gutter is 6%). The back of curb rise is ½" (standard depressed curb is 1½"). See Section A-A (Sheet 2) and IDOT standard 606001 for the different curb dimensions.
2. The Depressed Curb and the Transition Curb will be paid for as COMBINATION CONCRETE CURB AND GUTTER of the type adjacent to the curb ramp.
3. The concrete area consisting of the landing (2% slope) and the side ramps (behind the transition curb) along with the continuation of the 5' concrete between adjacent ramps (if any) will be measured in square feet and paid for as PORTLAND CEMENT CONCRETE SIDEWALK of the thickness specified.
4. The detectable warnings shall be installed inaccordance with Article 424.09 of the IDOT Standard Specifications and the LCDOT specification 42400800 DETECTABLE WARNINGS and shall be measured and paid for per square foot.
5. Since the width of the flag doesn't affect the construction of the ramp, both B-6.12 and B-6.24 Curb & Gutter are portrayed in this standard.

REVISIONS	DATE

LakeCounty Division of Transportation

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

CURB RAMPS with TRAFFIC SIGNAL POSTS & MAST ARMS

(SHEET 1 OF 2)

LC4201

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

FILE NAME = N:\LCDOT\04229\Traffic\023_LC4201.dgn	USER NAME = (more)	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 4'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

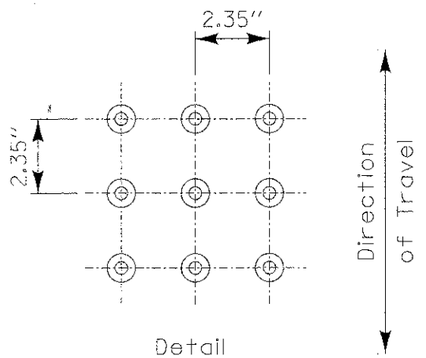
LAKE COUNTY STANDARDS

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

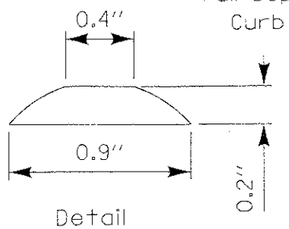
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	127

CONTRACT NO. 63766

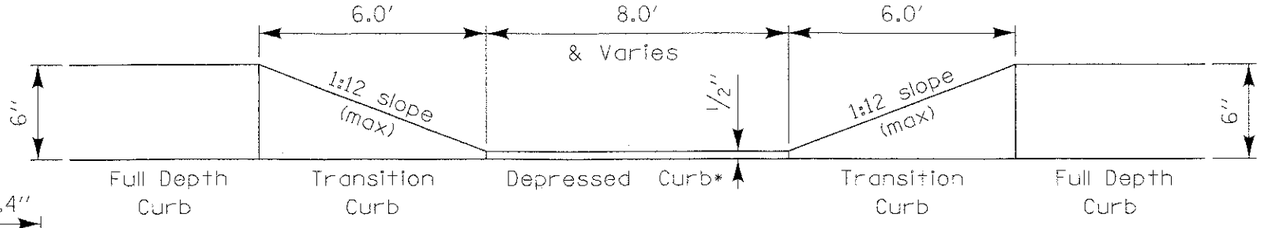
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



Detail
Detectable Warnings
Square Pattern
(Scale 1" = 6")

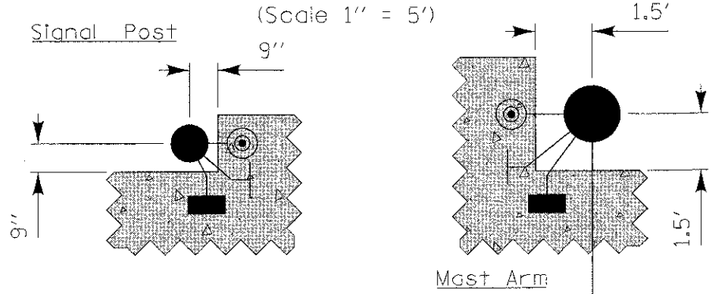


Detail
Truncated Dome
(Scale 1" = 1')

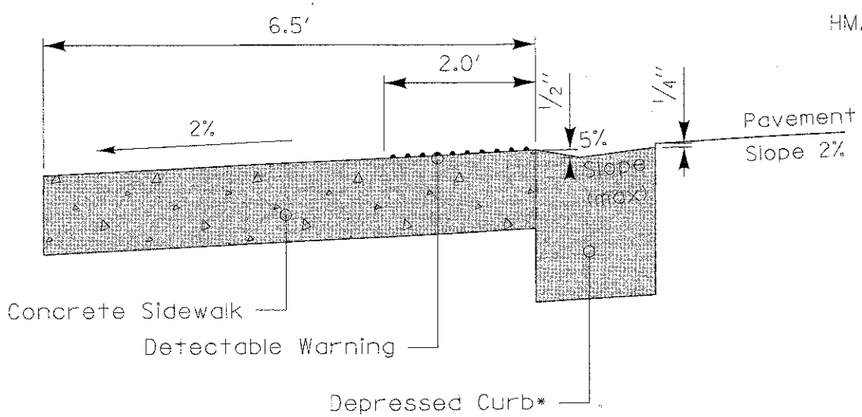


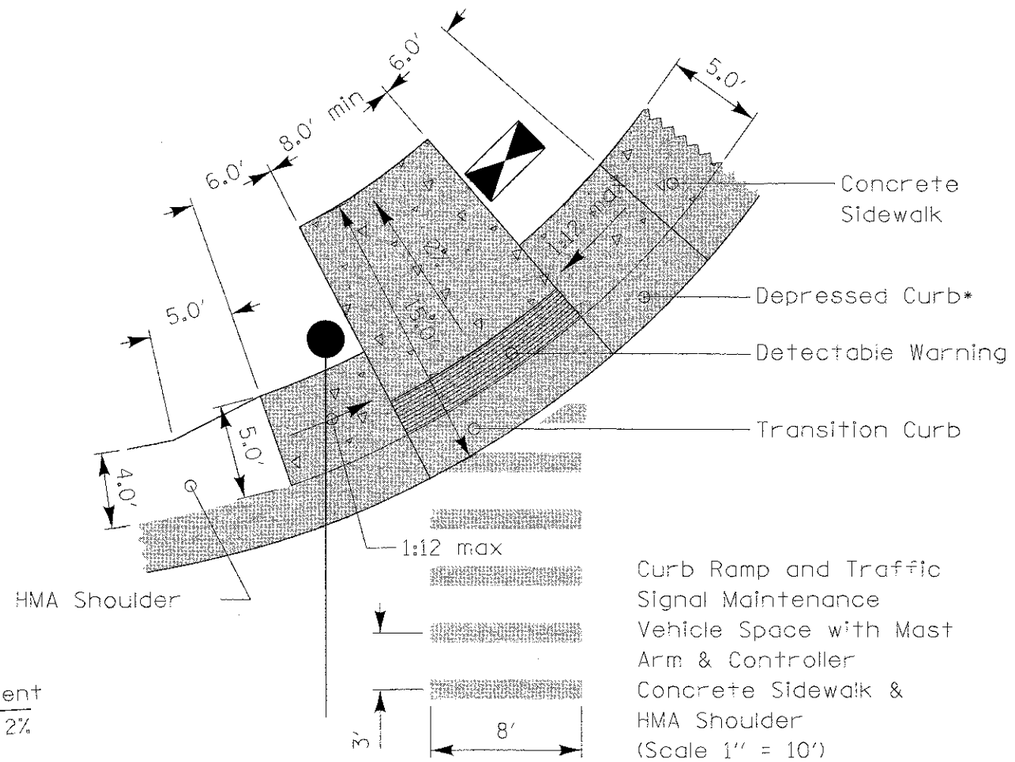
Section B-B
Curb Ramp - Face of Curb
(Scale 1" = 2.5' Horiz ; 1" = 1' Vert)

Location Details
Signal Post & Mast Arm
(Scale 1" = 5')



Section A-A
Curb Ramp with B-6.12 C&G
(Scale 1" = 2.5' Horiz ; 1" = 1' Vert)





Curb Ramp and Traffic
Signal Maintenance
Vehicle Space with Mast
Arm & Controller
Concrete Sidewalk &
HMA Shoulder
(Scale 1" = 10')

REVISIONS	DATE

LakeCounty
Division of Transportation

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

CURB RAMPS with TRAFFIC SIGNAL POSTS & MAST ARMS

(SHEET 2 OF 2)

LC4201

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

FILE NAME = N:_CDOT\84229\Traffic\824_LC4201.dgn	USER NAME = rmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

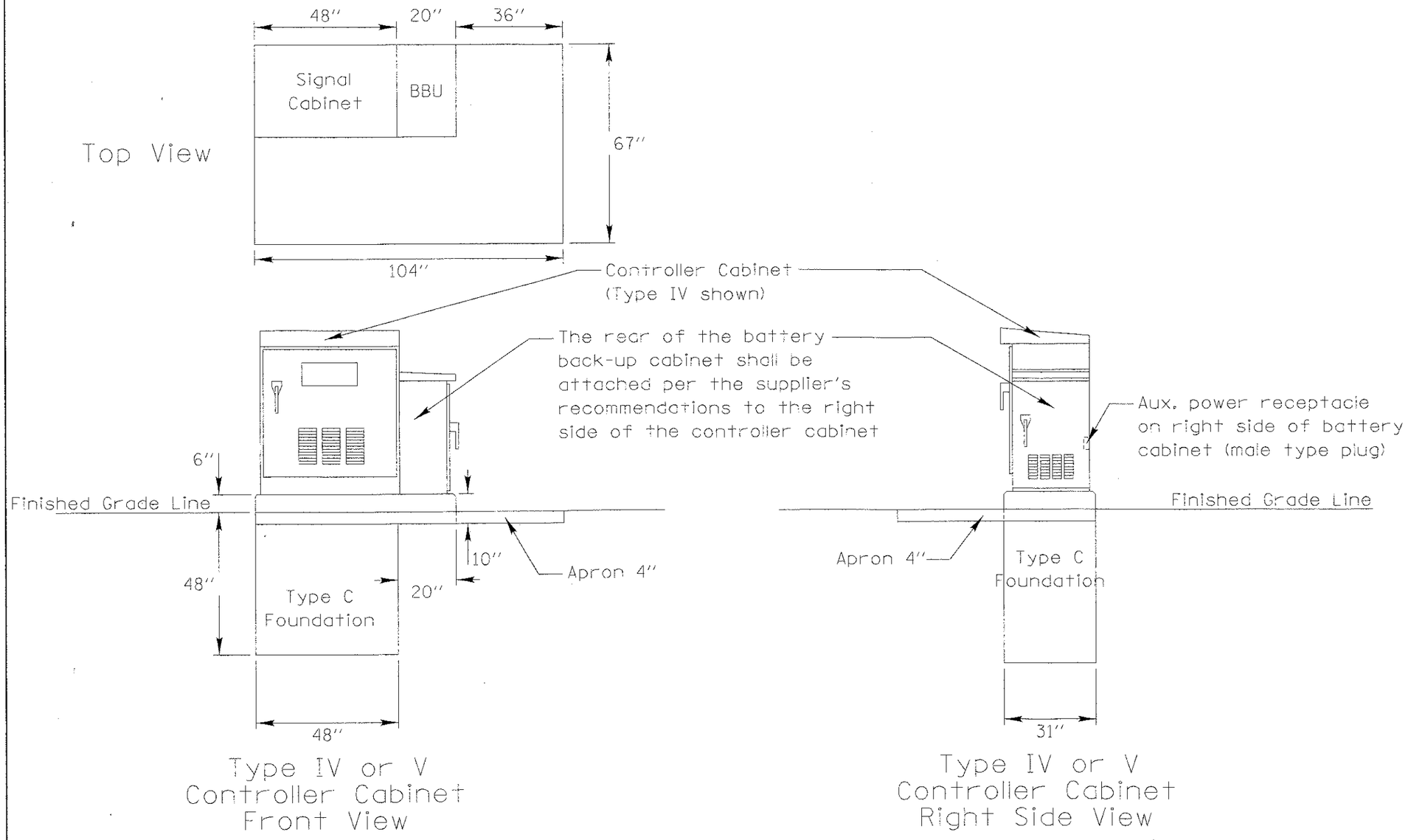
LAKE COUNTY STANDARDS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	128

CONTRACT NO. 63766
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

UNINTERRUPTED POWER SUPPLY CABINET INSTALLATION



Note: The full depth (54") foundation is only required under the controller cabinet.

REVISIONS	DATE
Reclassified Foundation from Mod D to C - JPS	08/28/07

LakeCounty Division of Transportation

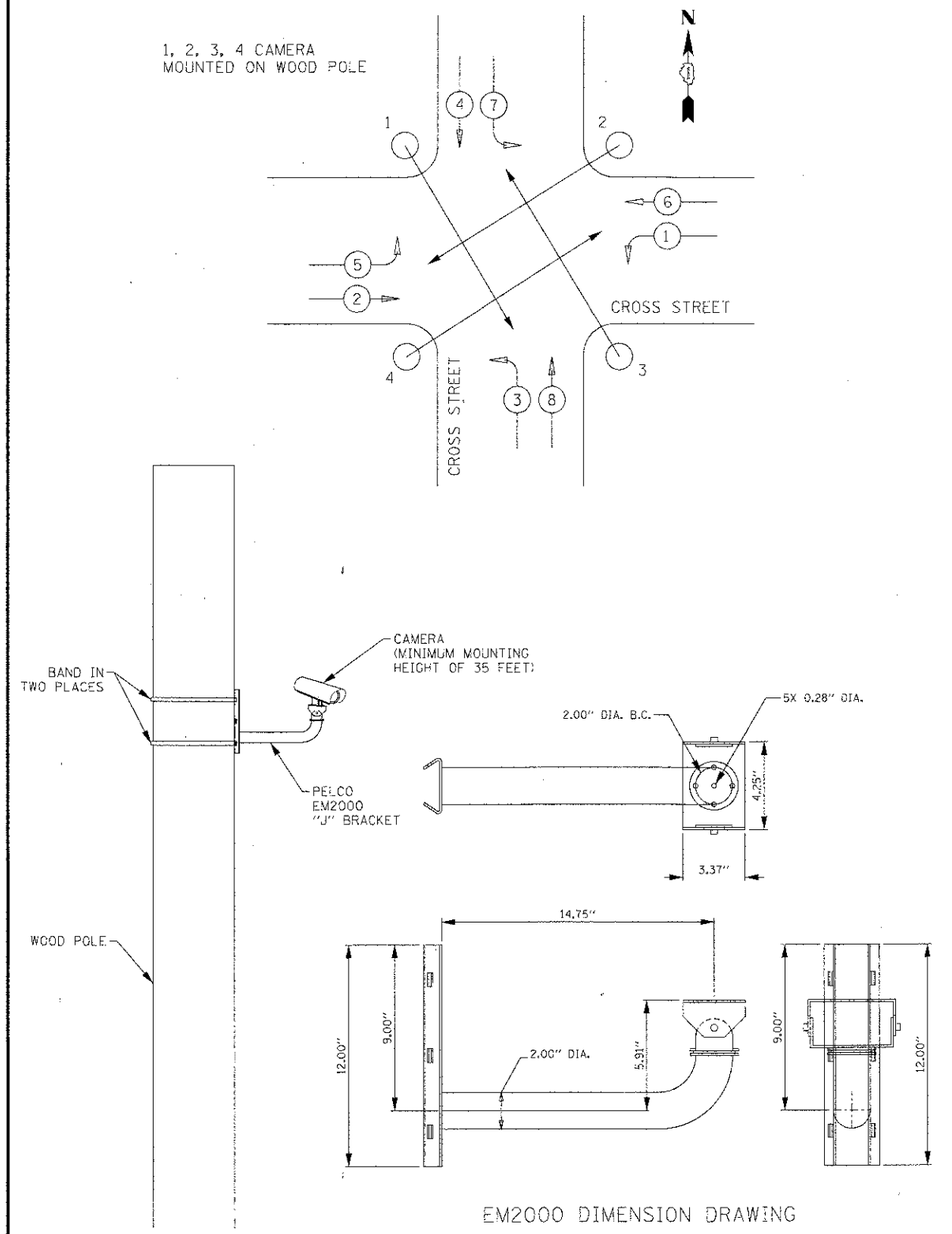
APPROVED BY: A. KHAWAJA
DATE: APRIL 1, 2007

Type C (SPECIAL) Foundation for Traffic Signal Controller Cabinet and U.P.S. Cabinet

LC8501

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

FILE NAME = N:\LCDOT\04229\Traffic\025_LC8501.dgn	USER NAME = nmorol	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LAKE COUNTY STANDARDS	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 129
		DRAWN -	REVISED -					CONTRACT NO. 63766		
	PLOT SCALE = 2"	CHECKED -	REVISED -							
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



EM2000 DIMENSION DRAWING

TEMPORARY CAMERA MOUNTING DETAILS
(NOT TO SCALE)

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

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BAL. NOTED / STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / NO. OF WAY CHECKED / BAND FILE NAME
BY / DATE

REVISIONS	DATE

LakeCounty Division of Transportation
APPROVED BY: A. ABAKAJA
DATE: APRIL 1, 2007

TEMPORARY
AUTOSCOPE INSTALLATION

LC8901

REVISIONS / REMARKS					
NO.	DESCRIPTION	DATE	BY	SURVEYOR:	/
		/ /		DSGNR/LIAISON:	
		/ /		PLOTTED BY:	$USRN$ $$DAT$$$$

LakeCounty Division of Transportation

LAKE COUNTY STANDARDS & DETAILS

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CH				

FILE NAME = N:\LCDOT\04229\Traffic\026_LC8901.dgn	USER NAME = nmonul	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY
AUTOSCOPE INSTALLATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	130

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

Bench Mark: OSBM3: Yellow "Bench Tie Spike" in Northeast Bolt of Fire Hydrant On North Side of Wadsworth Road Elev. 710.10

Existing Structure: No Structure Number. Existing Structure Is 36" CMP With End Sections. See Drainage Plans For Removal And Pay Item.

The Proposed Culvert Will Be Constructed In Stages. See Maintenance Of Traffic Sheets.

No Salvage Of Existing Structure.

INDEX OF SHEETS

S-1	Proposed Box Culvert General Notes, Plan And Elevation
S-2	Structural Sections And Details
S-3	Borings At Box Culvert

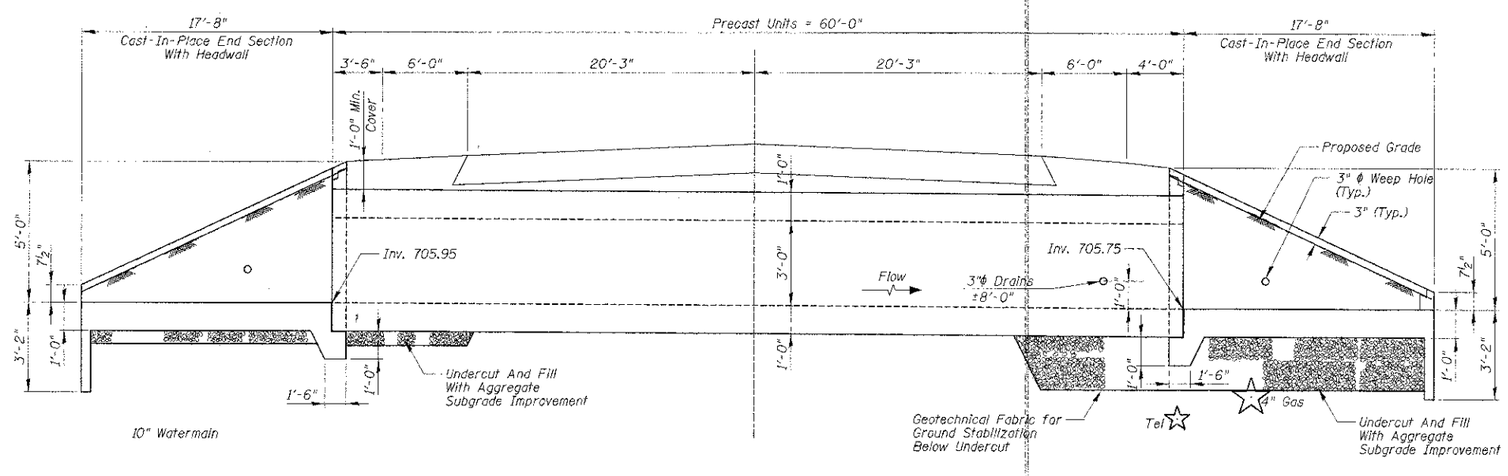
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Precast Concrete Box Culverts 12' x 3' (Special)	Ft	60
Concrete Structures	Cu Yd	39
Reinforcement Bars	Pound	2580
Geotechnical Fabric for Ground Stabilization	Sq Yd	140
Aggregate Subgrade Improvement	Cu Yd	55
Removal And Disposal Of Unsuitable Material	Cu Yd	55

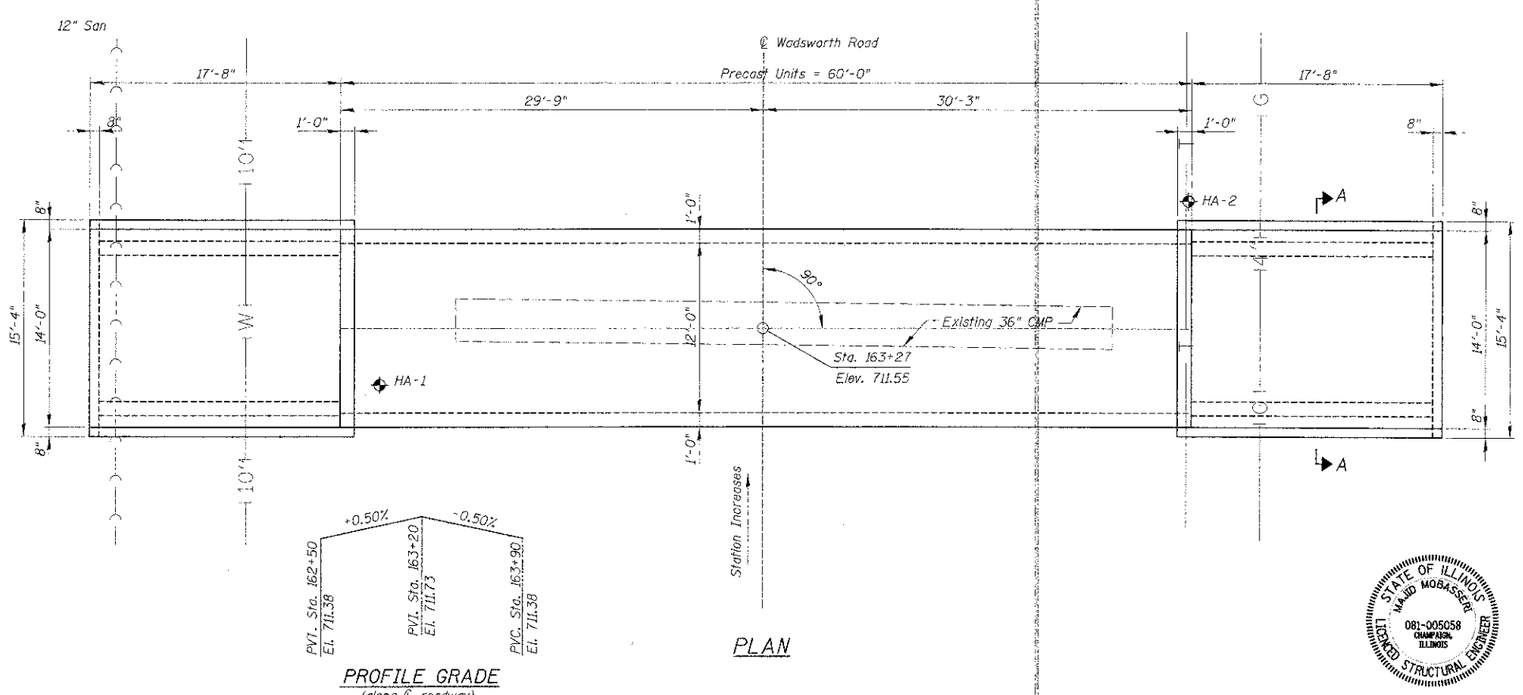
WATERWAY INFORMATION

Drainage Area = ±0.66 sq. mi Low Grade Elev. 711.21 @ Sta. 164+60.00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	13	7.1	30.7	N/A	N/A	0.00	709.90	708.50
Base	50	37	7.1	36.0	N/A	N/A	0.00	709.40	709.20
Overtopping	100	57	7.1	36.0	N/A	N/A	0.00	709.70	709.70



ELEVATION



PLAN

PROFILE GRADE
(along ℄ roadway)

GENERAL NOTES

1. All work and materials shall be in accordance with the Illinois Department of Transportation (IDOT) Standard Specifications for Road and Bridge Construction adopted January 1, 2012 and latest supplemental specifications and recurring special provisions, unless noted otherwise.
2. The Contractor shall verify all dimensions in the field prior to commencing work. The engineer shall be notified of any discrepancies which may exist, prior to proceeding with the work.
3. Any information concerning type or location of underground and other utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to the type and location of the utilities as may be necessary to avoid damage thereto. Contractor shall call J.U.L.I.E. prior to excavation.
4. The contractor is responsible for design, installation and removal of all excavation support systems.
5. The excavation and work area shall be properly drained at all times during construction. All wet, loose, frozen or other unsuitable material shall be removed prior to placement of concrete or compacted backfill. Any and all dewatering required to keep excavation dry shall be the responsibility of the contractor. Dewatering shall be conducted in accordance with the Erosion and Sediment Control Standards of the IEPA and Lake County.
6. Foundation design is based on information provided in Testing Service Corporation Report L-62,012 dated June 27, 2007.
7. It shall be the responsibility of the contractor to divert the stream flow during construction in order to keep the construction areas free of water. The method of water diversion shall be subject to the approval of the Engineer and cost shall be included with "Precast Concrete Box Culvert". Any and all by-pass pumping as may be required for the construction of the proposed improvements shall be the responsibility of the contractor.
8. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
9. For backfilling and embankment, see Standard Specifications.

CAST-IN-PLACE CONCRETE NOTES

1. All cast-in-place concrete work shall be in accordance with section 503 of the Illinois Department of Transportation (IDOT) Standard Specifications for Road and Bridge Construction adopted January 1, 2012, supplemental specifications and recurring special provisions and as noted below.
2. Reinforcement bars shall conform to the requirements of ASTM A 706 GR60 (IL Modified). See Special Provision.
3. Exposed edges of cast-in-place concrete shall be beveled 3/4 ".
4. All construction joints shall be bonded.
5. All cast-in-place concrete shall be Class SI.

PRECAST CONCRETE BOX CULVERT

1. All precast concrete box culvert work shall be in accordance with sections 504 and 540 of the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction adopted January 1, 2012, supplemental specifications and recurring special provisions and as noted below.
2. The precast concrete box culvert is a performance based system. The contractor shall be responsible for providing the design, engineering, fabrication and installation of the precast concrete box culvert. The contractor shall submit to the engineer calculations and shop drawings sealed by a Structural Engineer licensed in the state of Illinois for review prior to fabricating the precast concrete box culvert. Precast concrete box culverts are non-standard sections but shall conform to the requirements of ASTM C1577 for fill heights less than 2 ft. The shop drawings shall include the ferrule loop locations and details.
3. Ferrule loop inserts shall be installed at the locations shown on the drawings by the precast concrete box culvert manufacturer. Install the ferrule loop inserts per the ferrule loop manufacturer's requirements. The ferrule loop insert shall be F-64, 1/2 " x 4 1/8 " ferrule loop insert by Dayton/Richmond concrete accessories, phone number - (800) 745-3700, website - www.daytonrichmond.com or approved equal.

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges 17th Edition.

LOADING HS20-44

Allow 50 #/sq. ft. for future wearing surface
Soil loads shall be in accordance with the shown physical structure

DESIGN STRESSES

PRECAST UNITS

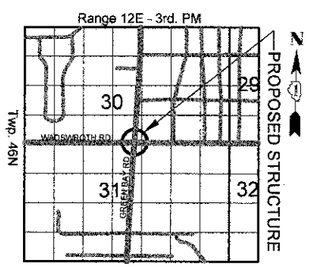
f'_c = 5,000 psi
f_y = 60,000 psi (Reinforcement Bars)
f_y = 65,000 psi (Welded Wire Fabric)

I Certify That To The Best Of My Knowledge, Information And Belief, This Bridge Design Is Structurally Adequate For The Design Loading Shown On The Plans. The Design Is An Economical One For The Style Of Structure And Complies With Requirements Of The Current "AASHTO Standard Specification For Highway And Bridges".

STATE OF ILLINOIS MAJID MOBASSERI 081-005058 CHAMPAIGN, ILLINOIS LICENSED STRUCTURAL ENGINEER

1/15/2013

MAJID MOBASSERI
ILLINOIS REGISTRATION No. 081-005058 STRUCTURAL ENGINEER
EXPIRATION DATE: 11/30/14



LOCATION SKETCH

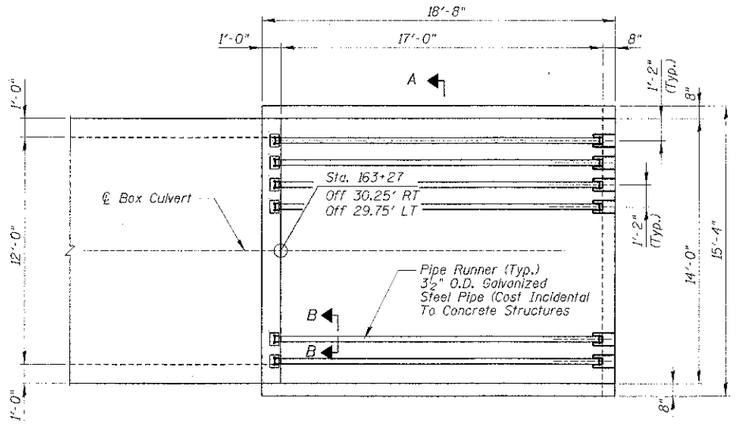
FILE NAME = N:\LCDOT\04229\Structure\04229_S1.SHT	USER NAME = pmcgrath	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 5'	CHECKED -	REVISED -
	PLOT DATE = 1/14/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

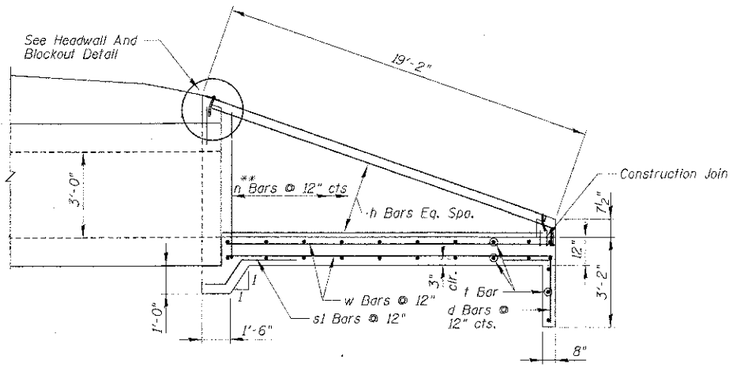
WADSWORTH ROAD AT GREEN BAY ROAD
PROPOSED BOX CULVERT
GENERAL NOTES, PLAN AND ELEVATIONS

SCALE: | SHEET NO. S-1 OF S-3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	(3)
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			

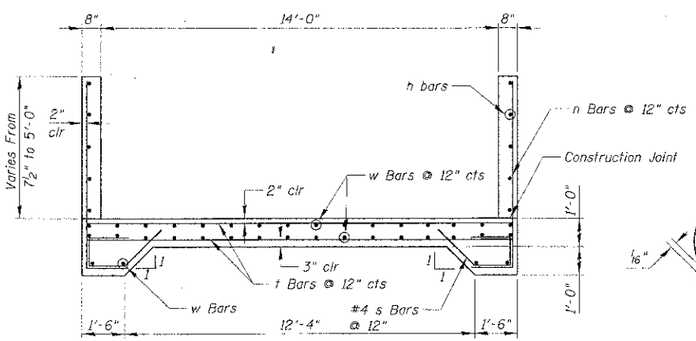


PLAN - CAST-IN-PLACE END SECTIONS

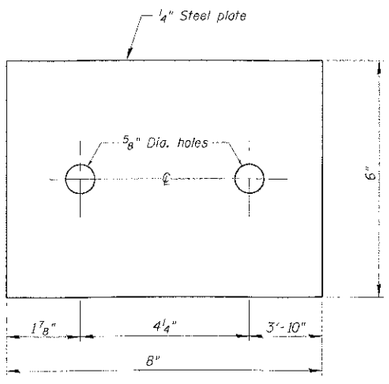


** Order n Bars Full Length. Cut To Fit And Use The Remainder of Bars In The Opposite Wall.

ELEVATION

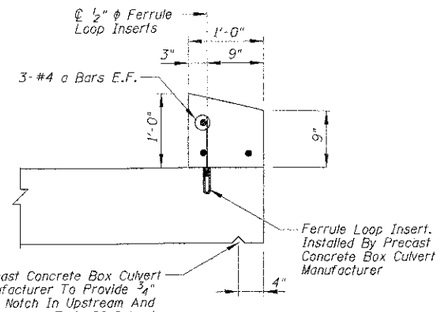


SECTION A-A

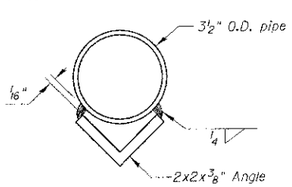


TOP ANCHOR PLATE

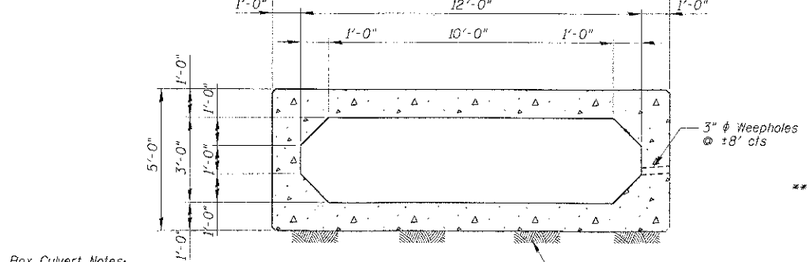
(22 - Required)



HEADWALL DETAIL

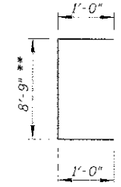


SECTION B-B

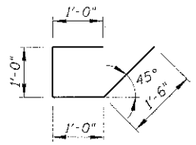


Box Culvert Notes:
1. All Excavation And Backfilling for Box Culvert And End Sections Is Included In Cost of "Precast Concrete Box Culverts".
2. All Joints Between Precast Box Sections Shall Be Sealed On All Four Sides Per Section 540.06 of the IDOT Standards.

TYPICAL SECTION THRU PRECAST BOX CULVERT

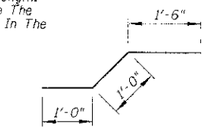


Bar n



Bar s

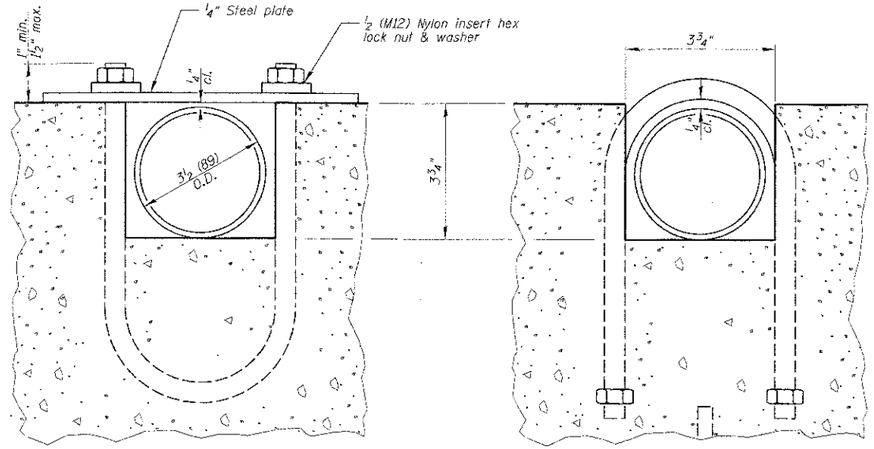
** Order n Bars Full Length. Cut To Fit And Use The Remainder of Bars In The Opposite Wall.



Bar s1

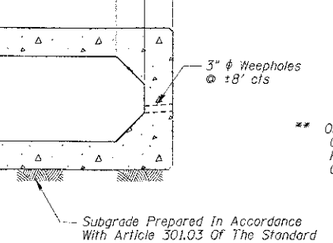
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	6	#4	13'-8"	
d	32	#4	2'-2"	
d1	88	#4	1'-6"	
h	20	#4	17'-4"	
n	38	#4	10'-9"	
s	76	#4	4'-6"	
s1	32	#4	3'-6"	
t	82	#4	13'-8"	
w	72	#4	17'-4"	
Concrete Structures			Cu. Yd.	39.0
Reinforcement Bars			Pound	2580



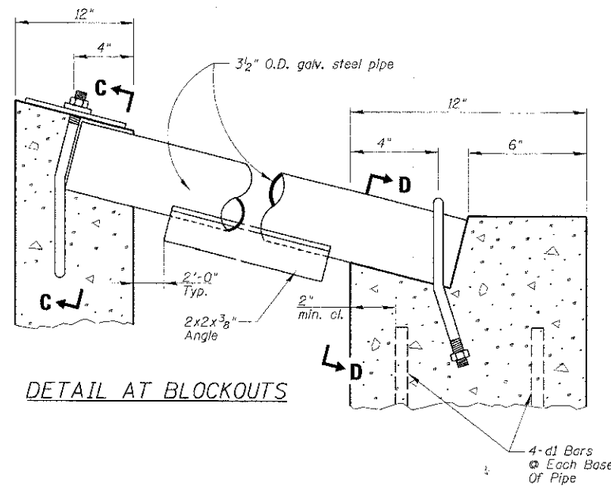
SECTION C-C

SECTION D-D



½" U BOLT

(44 - Required)



DETAIL AT BLOCKOUTS

NOTE: Galvanized steel pipe shall meet the requirements of ASTM A 53, Grade B, Schedule 40. Galvanized U-bolts, nuts, and washers shall meet the requirements of Article 1006.27(f). Steel plates shall meet the requirements of Article 1006.04, and shall be galvanized according to the requirements of AASHTO M 111 after fabrication.

FILE NAME = N:\LCDOT\94227\Struct\94229_S2.SHT	USER NAME = pmarsh	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
STRUCTURAL SECTIONS AND DETAILS

SCALE: | SHEET NO. S-2 OF S-3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	132
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PROJECT Wadsworth Road at IL Route 131, Lake County, Illinois

CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois

BORING HA1 DATE STARTED 8-4-05 DATE COMPLETED 8-4-05 JOB L-62,012

ELEVATIONS

GROUND SURFACE 705.5

END OF BORING 695.5

WATER LEVEL OBSERVATIONS

▼ WHILE DRILLING Surface

▽ AT END OF BORING Surface

▼ 24 HOURS

Wadsworth Road
Sta. 163+23; 27' LT

DISTANCE BELOW SURFACE IN FEET	LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
0								1.2	704.3	Black clayey Topsoil, very moist
		1	SS		23.7	1.0*				Medium stiff to stiff brown and gray CLAY LOAM, trace gravel, moist to very moist A-6
								3.0	702.5	
5		2	SS		19.3	1.5*				Stiff brown and dark gray CLAY, trace black clay, moist A-6
								5.5	700.0	
		3	SS		18.6	3.0*				Very stiff brown and gray CLAY, trace gravel, moist A-6
								8.0	697.5	
		4	SS		12.9	2.0*				Stiff to very stiff gray SANDY LOAM, trace gravel, moist A-4
10										End of Boring at 10.0'
										* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.
15										
20										

DRILL RIG NO. HA

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

TSC 62012.GPJ TSC_ALL.GDT 1/17/06

PROJECT Wadsworth Road at IL Route 131, Lake County, Illinois

CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois

BORING HA2 DATE STARTED 8-4-05 DATE COMPLETED 8-4-05 JOB L-62,012

ELEVATIONS

GROUND SURFACE 706.0

END OF BORING 696.0

WATER LEVEL OBSERVATIONS

▼ WHILE DRILLING 1.0 '

▽ AT END OF BORING 1.0 '

▼ 24 HOURS

Wadsworth Road
Sta. 163+36; 30' RT

DISTANCE BELOW SURFACE IN FEET	LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
0								1.0	705.0	Black and dark brown clayey Topsoil, very moist
		1	SS		30.1	0.5*				Soft dark brown CLAY, trace organic, very moist A-6/A-7-6
								3.0	703.0	
5		2	SS		18.3	1.0*				Medium stiff to stiff brown and gray CLAY LOAM, trace organic, moist to very moist A-6
								5.5	700.5	
		3	SS		23.6	1.5*				Stiff brown and gray CLAY LOAM, trace gravel, moist A-6
								8.0	698.0	
		4	SS		16.6	1.0*				Medium stiff to stiff brown and gray SANDY LOAM, little gravel, moist A-4
10										End of Boring at 10.0'
										* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.
15										
20										

DRILL RIG NO. HA

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

TSC 62012.GPJ TSC_ALL.GDT 1/17/06

FILE NAME = V:\ILCDOT\84228\Struct\84229_03.SHT	USER NAME = mparel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
BORINGS AT BOX CULVERT

SCALE: | SHEET NO. S-3 OF S-3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1208	03-00033-12-CH	LAKE	189	133
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TESTING SERVICE CORPORATION
PLAN AND PROFILE SHEETS
BORING LEGEND

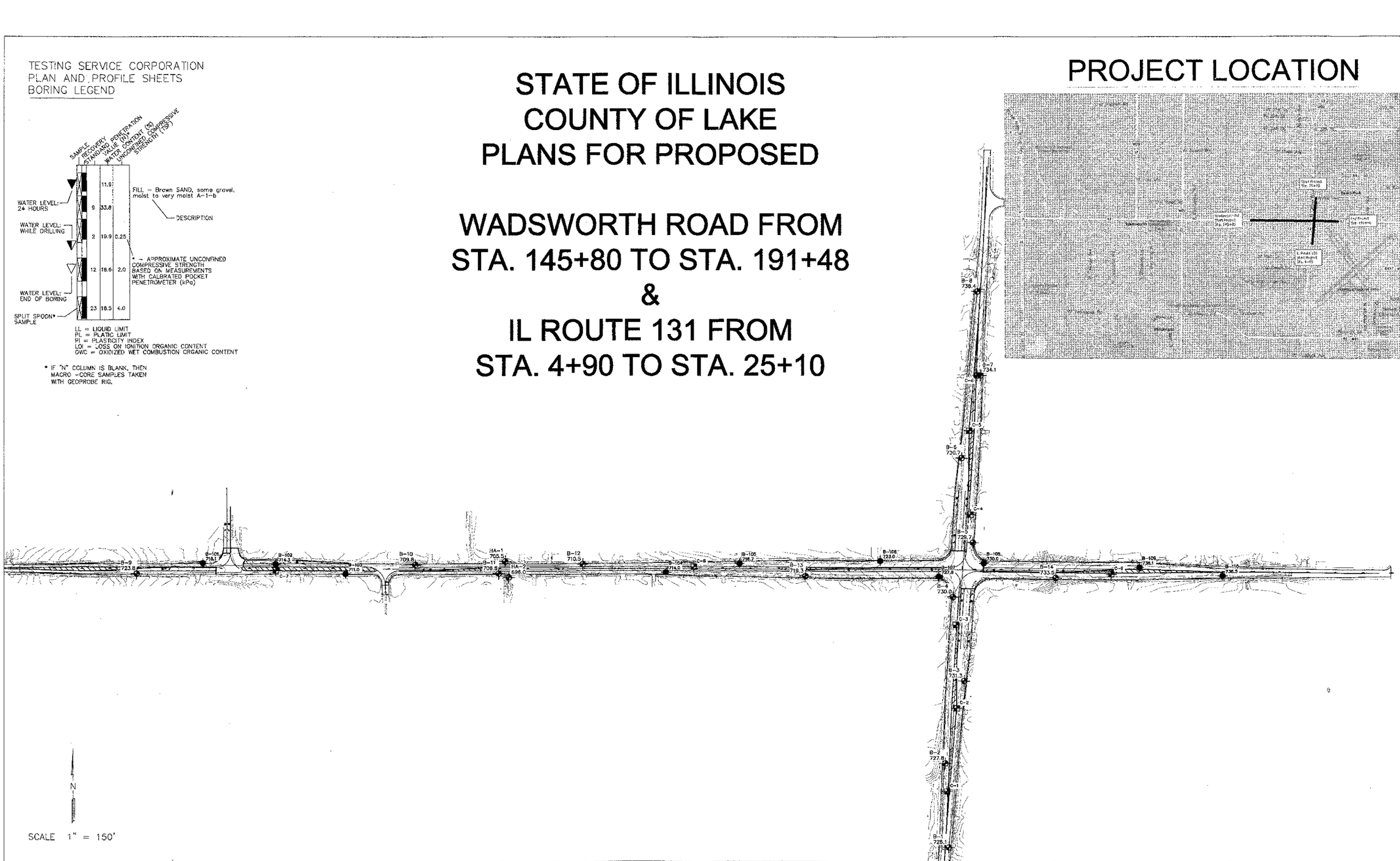
LL = LIQUID LIMIT
PL = PLATIC LIMIT
PI = PLASTICITY INDEX
LOI = LOSS ON IGNITION ORGANIC CONTENT
OWC = OXIDIZED WET COMBUSTION ORGANIC CONTENT

* IF "N" COLUMN IS BLANK, THEN MACRO – CORE SAMPLES TAKEN WITH GEOPROBE RIG.

STATE OF ILLINOIS
COUNTY OF LAKE
PLANS FOR PROPOSED

WADSWORTH ROAD FROM STA. 145+80 TO STA. 191+48
&
IL ROUTE 131 FROM STA. 4+90 TO STA. 25+10

PROJECT LOCATION



N

SCALE 1" = 150'

LEGEND

- BORING LOCATIONS L-62,012 / JULY 2005
- BORING LOCATIONS L-62,012A / MARCH 2009
- CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO. : L-62,012A
DATE: 06-15-09

PAGE NO. 1 OF 11

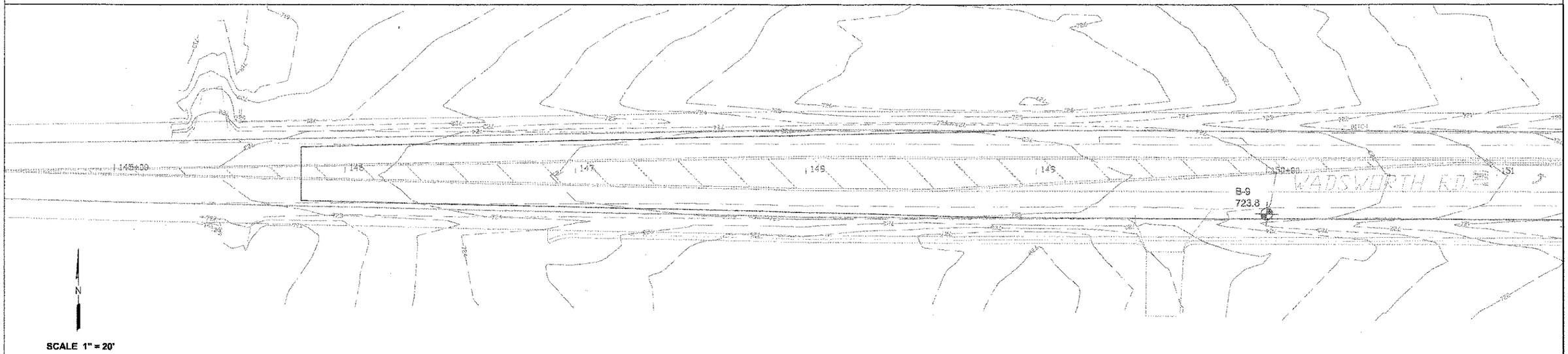
FILE NAME =	USER NAME = name	DESIGNED	REVISED
N:\LOCTN\62229\Civil\SPP_062229_01.SHT		DRAWN -	REVISED
	PLOT SCALE = 1'	CHECKED -	REVISED
	PLOT DATE = 11/13/2012	DATE -	REVISED

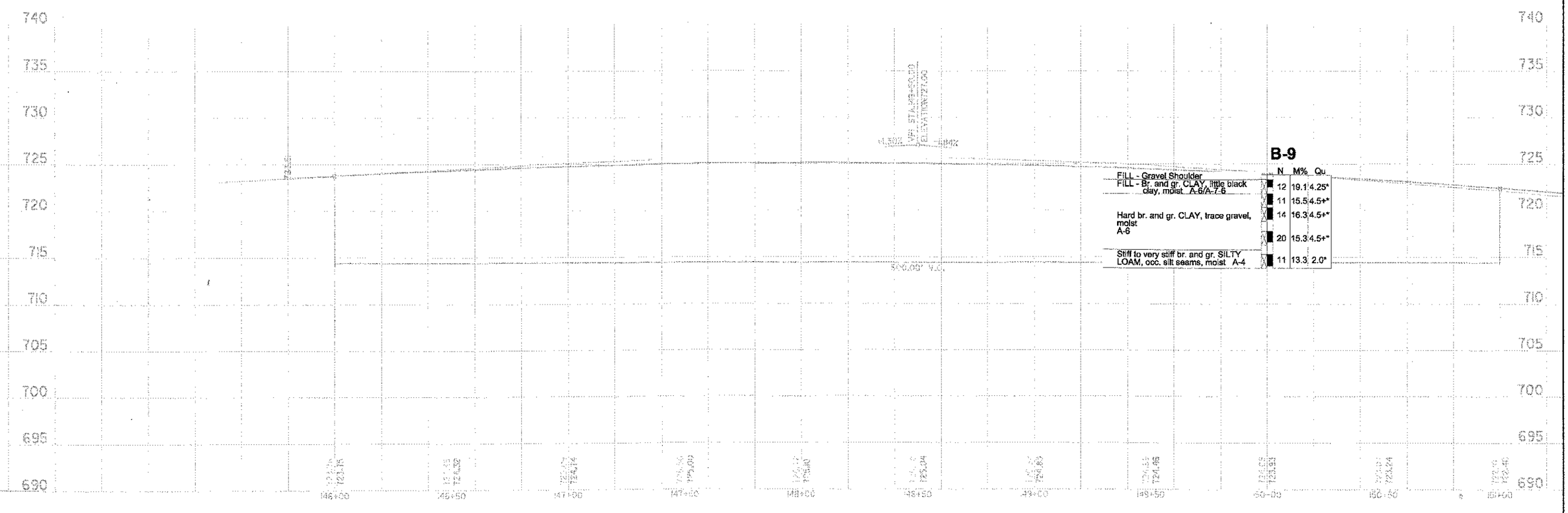
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	134
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT			





LEGEND

BORING LOCATIONS L-62,012 / JULY 2005

BORING LOCATIONS L-62,012A / MARCH 2009

CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TSC TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO.: L-62,012A
DATE: 12-10-10

PAGE NO. 2 OF 11

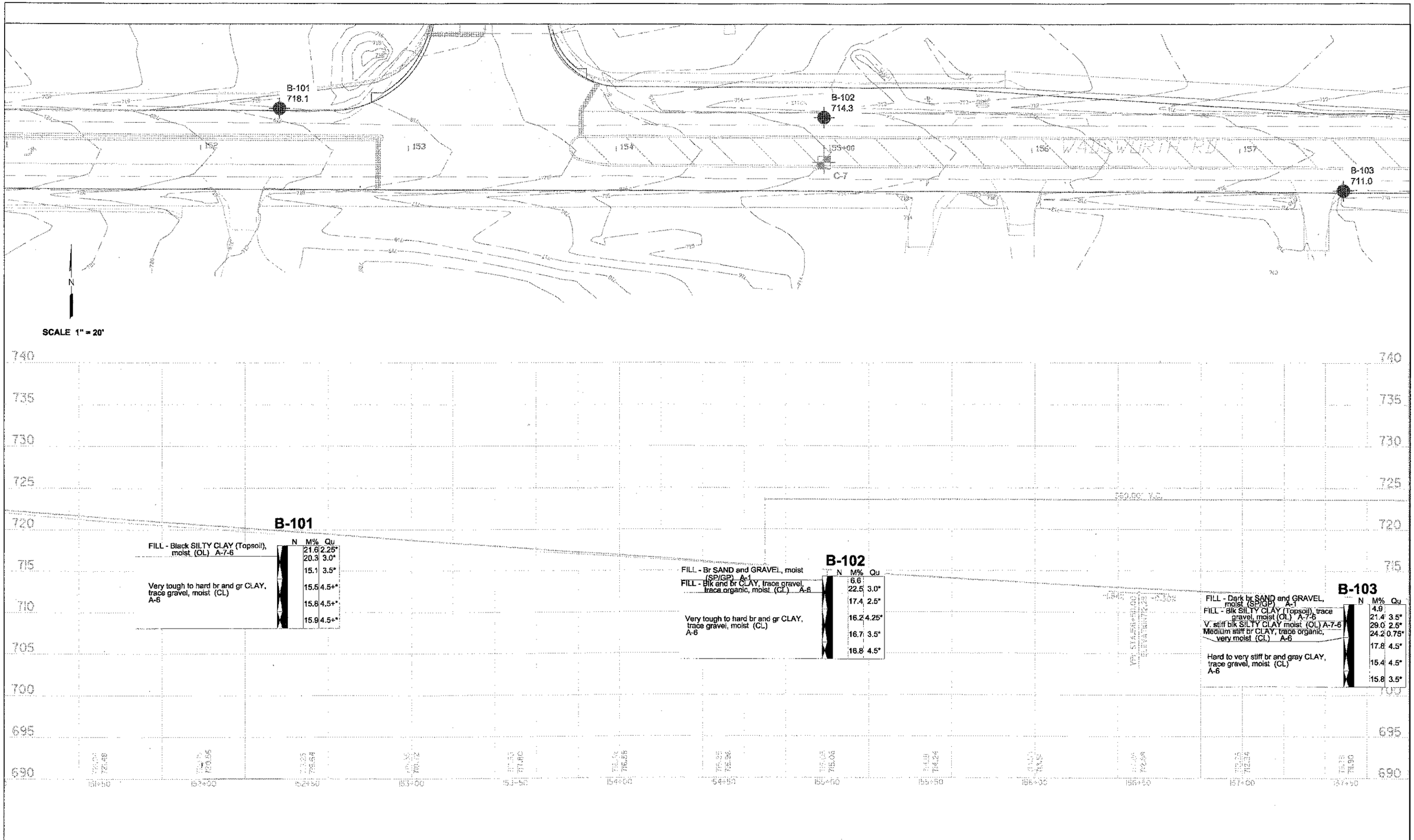
FILE NAME =	USER NAME = rumrell	DESIGNED -	REVISED -
N:\CDOT\941229\Civil\SPP_041229_02.S-1		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	135
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



LEGEND

BORING LOCATIONS L-62,012 / JULY 2005

BORING LOCATIONS L-62,012A / MARCH 2009

CORE LOCATIONS L-62,012 JULY 2005

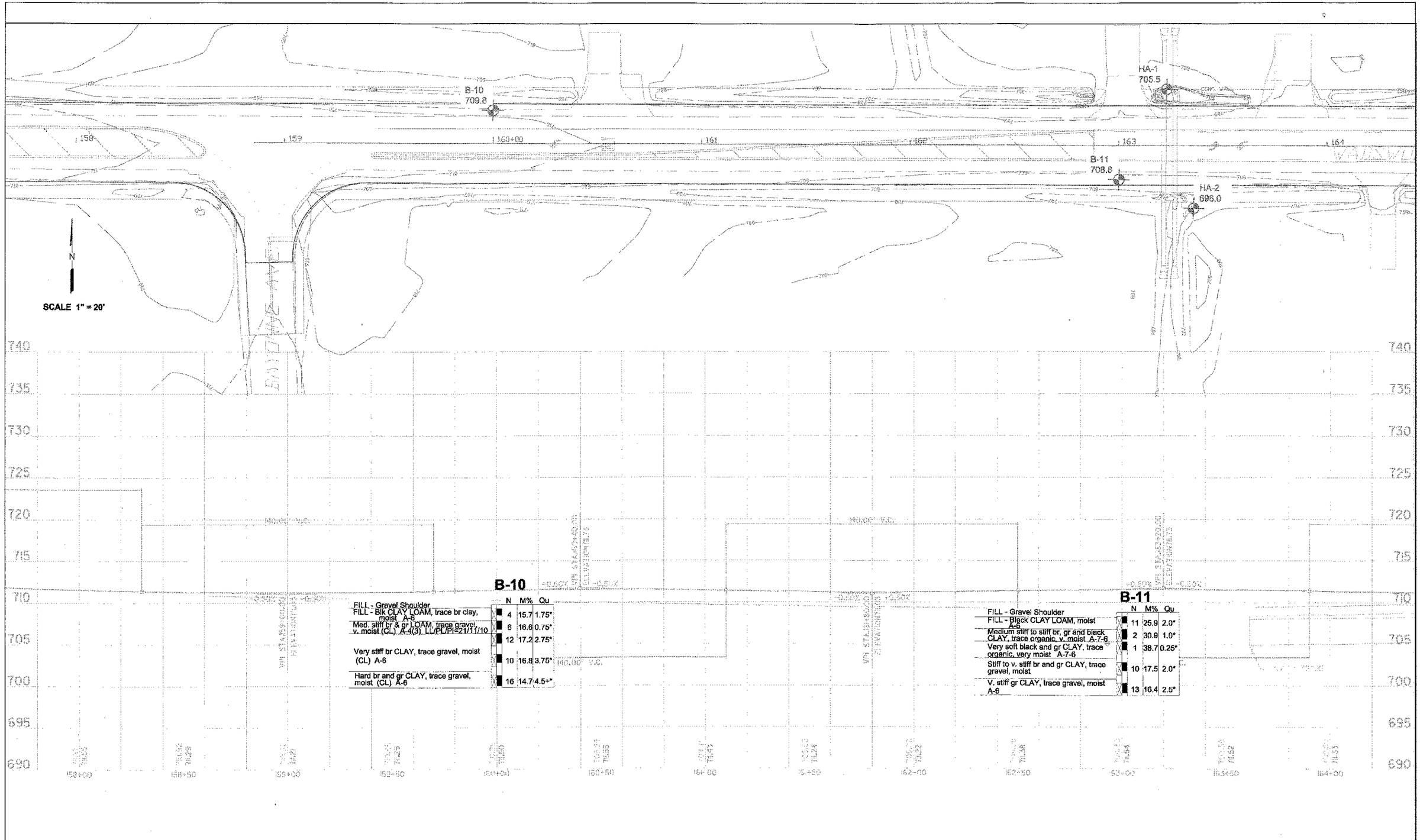
BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TSC TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO.: L-62,012A
DATE: 12-10-10

PAGE NO. 3 OF 11

FILE NAME = N:\LCDOT\04229\Civil\SPP_040229_03.SHT	USER NAME = nmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 136
	PLOT SCALE = 1"	DRAWN	REVISED -					CONTRACT NO. 63766		
	PLOT DATE = 11/13/2012	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
		DATE -	REVISED -							



B-10

	N	M%	Qu
FILL - Gravel Shoulder			
FILL - Blk CLAY LOAM, trace br clay, moist A-6	4	15.7	1.75*
Med. stiff br & gr LOAM, trace gravel, v. moist (CL) A-4(3) LL/PL/PI=21/11/10	6	16.6	0.75*
Very stiff br CLAY, trace gravel, moist (CL) A-6	12	17.2	2.75*
Hard br and gr CLAY, trace gravel, moist (CL) A-6	10	16.8	3.75*
	16	14.7	4.5+*

B-11

	N	M%	Qu
FILL - Gravel Shoulder			
FILL - Black CLAY LOAM, moist A-6	11	25.9	2.0*
Medium stiff to stiff br, gr and black CLAY, trace organic, v. moist A-7-6	2	30.9	1.0*
Very soft black and gr CLAY, trace organic, very moist A-7-6	1	38.7	0.25*
Stiff to v. stiff br and gr CLAY, trace gravel, moist	10	17.5	2.0*
V. stiff gr CLAY, trace gravel, moist A-6	13	16.4	2.5*

LEGEND

BORING LOCATIONS L-62,012 / JULY 2005

BORING LOCATIONS L-62,012A / MARCH 2009

CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TSC TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO.: L-62,012A
DATE: 12-10-10

PAGE NO. 4 OF 11

FILE NAME = N:\LCDOT\04229\Civil\SHP_04229_04.SHT	USER NAME = mmo-01	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

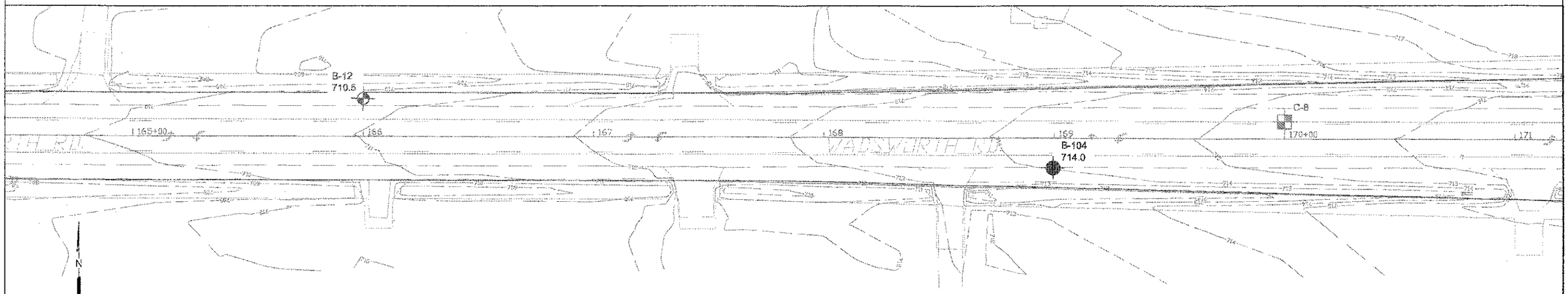
WADSWORTH ROAD AT GREEN BAY ROAD

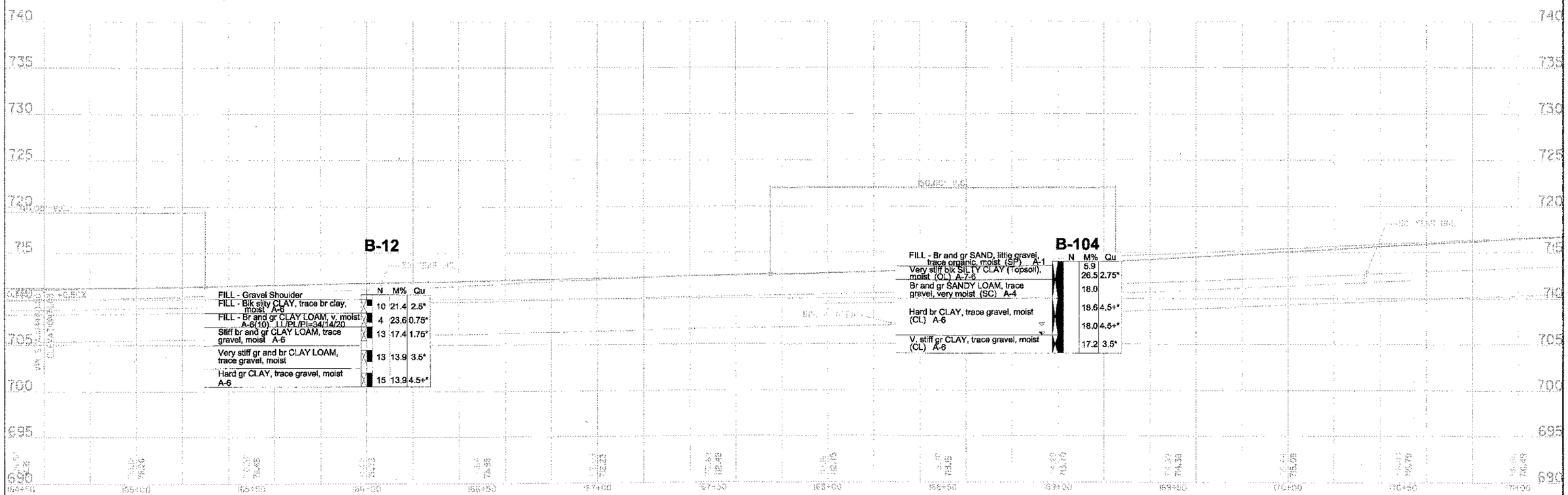
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	137

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT





LEGEND

BORING LOCATIONS L-62,012 / JULY 2005

BORING LOCATIONS L-62,012A / MARCH 2009

CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TSC TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO.: L-62,012A
DATE: 12-10-10

PAGE NO. 5 OF 11

FILE NAME = N:\CADD\T\94229\Civil\SHT_094229_05.SHT

USER NAME = mmarsol

PLOT SCALE = 1'

PLOT DATE = 11/15/2012

DESIGNED | DRAWN | CHECKED | DATE

REVISED | REVISED | REVISED | REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

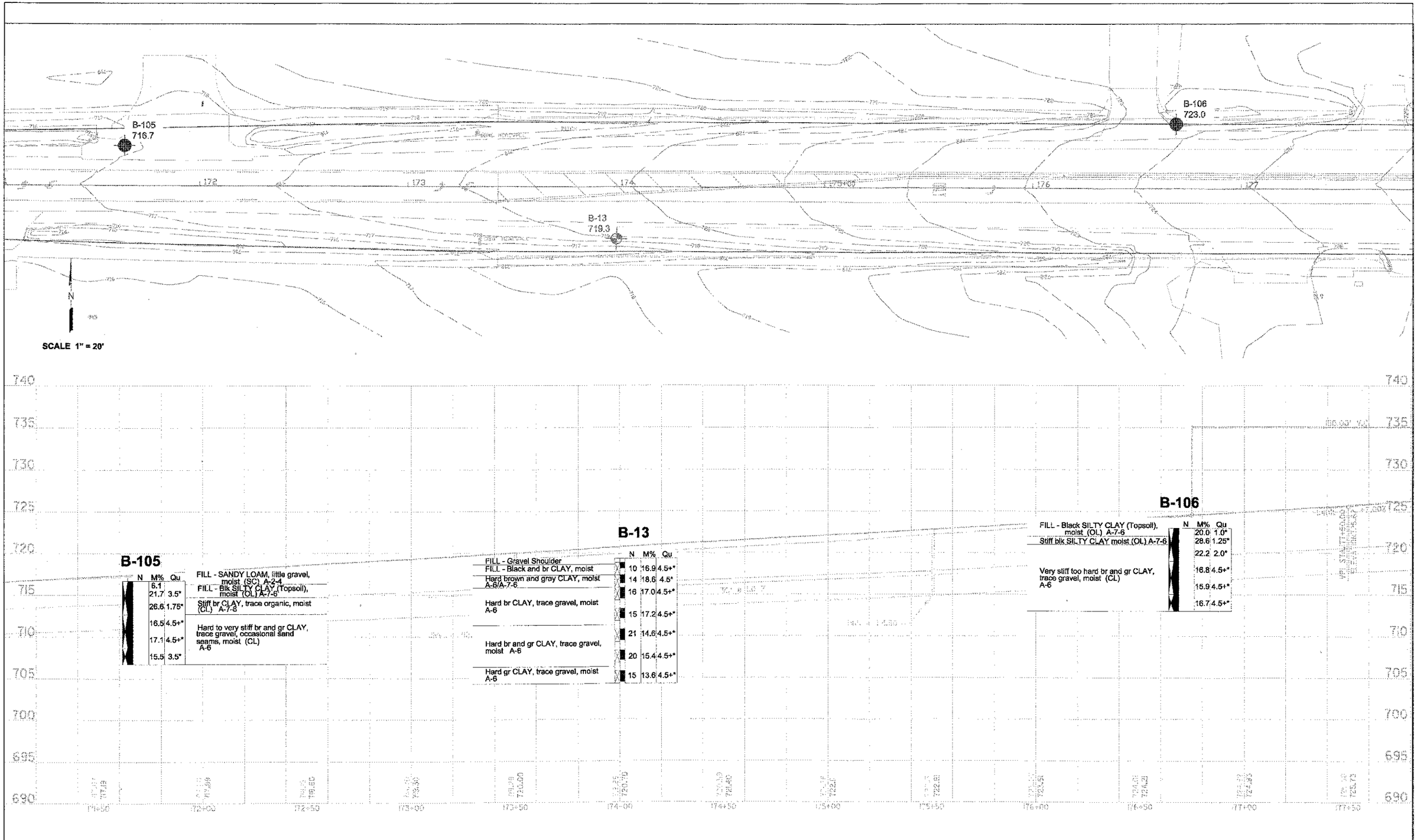
WADSWORTH ROAD AT GREEN BAY ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	138

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



LEGEND

BORING LOCATIONS L-62,012 / JULY 2005

BORING LOCATIONS L-62,012A / MARCH 2009

CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TSC TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY:	TRP
CHECKED BY:	MVM
JOB NO.:	L-62,012A
DATE:	12-10-10

PAGE NO. 6 OF 11

FILE NAME = N:\LCDOT\04229\Civil\SP_040229_06.SHT	USER NAME = mmorel	DESIGNED	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1"	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

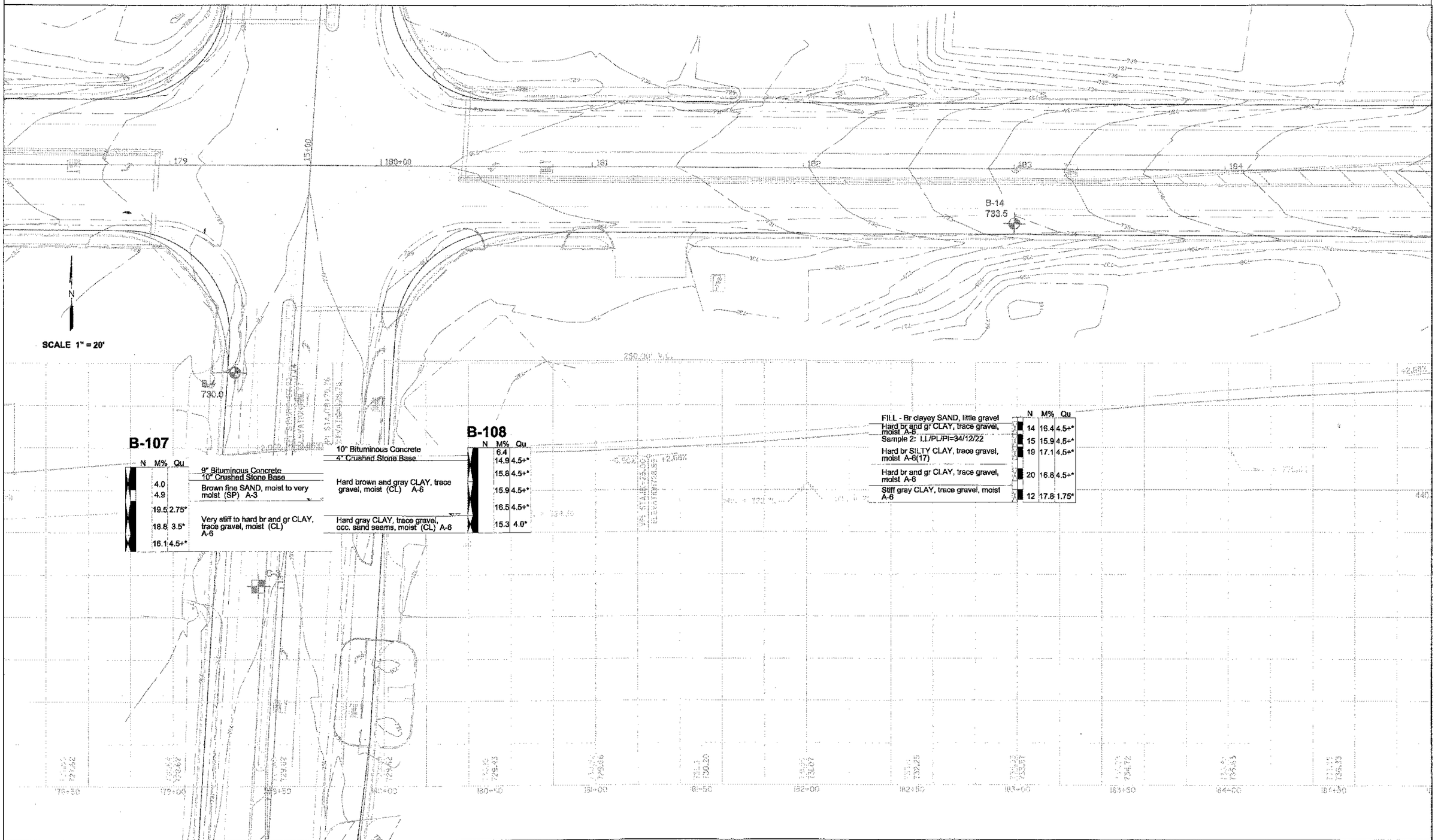
WADSWORTH ROAD AT GREEN BAY ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	139

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



LEGEND

BORING LOCATIONS L-62,012 / JULY 2005

BORING LOCATIONS L-62,012A / MARCH 2009

CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TSC TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO.: L-62,012A
DATE: 12-10-10

PAGE NO. 7 OF 11

FILE NAME = N:\LOD\IN\94229\Civil\SPB_094229_07.SHT
USER NAME = reinhall
PLOT SCALE = 1'
PLOT DATE = 11/13/2012

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

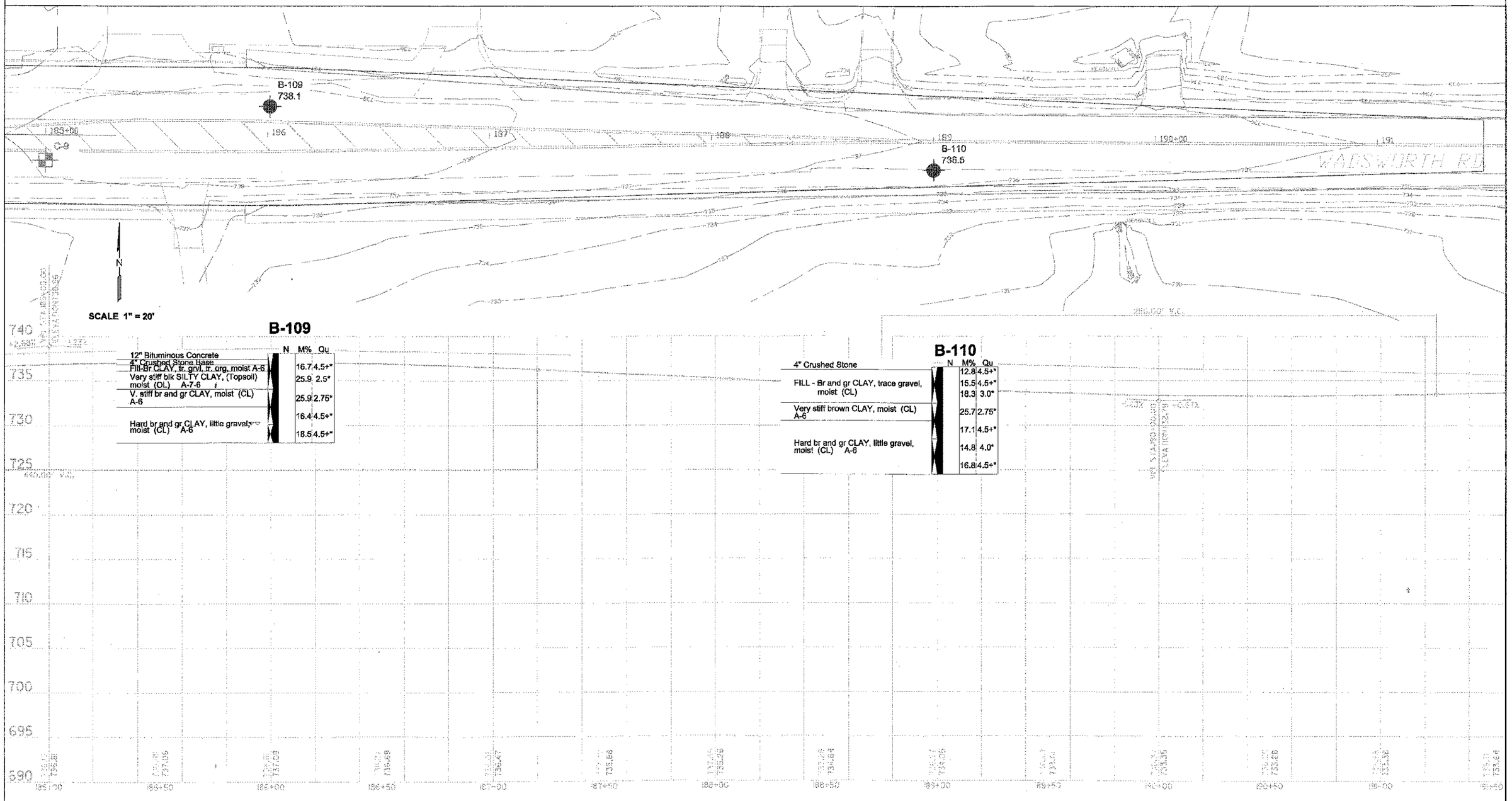
WADSWORTH ROAD AT GREEN BAY ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	140

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



B-109

	N	M%	Qu
12" Bituminous Concrete 4" Crushed Stone Base Fill-Br CLAY, fr. grvl, fr. org, moist A-6		16.7	4.5+*
Very stiff blk SILTY CLAY, (Topsoil) moist (OL) A-7-6		25.9	2.5*
V. stiff br and gr CLAY, moist (CL) A-6		25.9	2.75*
Hard br and gr CLAY, little gravel, moist (CL) A-6		16.4	4.5+*
		18.5	4.5+*

B-110

	N	M%	Qu
4" Crushed Stone		12.8	4.5+*
FILL - Br and gr CLAY, trace gravel, moist (CL)		15.5	4.5+*
		18.3	3.0*
Very stiff brown CLAY, moist (CL) A-6		25.7	2.75*
Hard br and gr CLAY, little gravel, moist (CL) A-6		17.1	4.5+*
		14.8	4.0*
		16.8	4.5+*

LEGEND

- BORING LOCATIONS L-62,012 / JULY 2005
- BORING LOCATIONS L-62,012A / MARCH 2009
- CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO.: L-62,012A
DATE: 12-10-10

PAGE NO. 8 OF 11

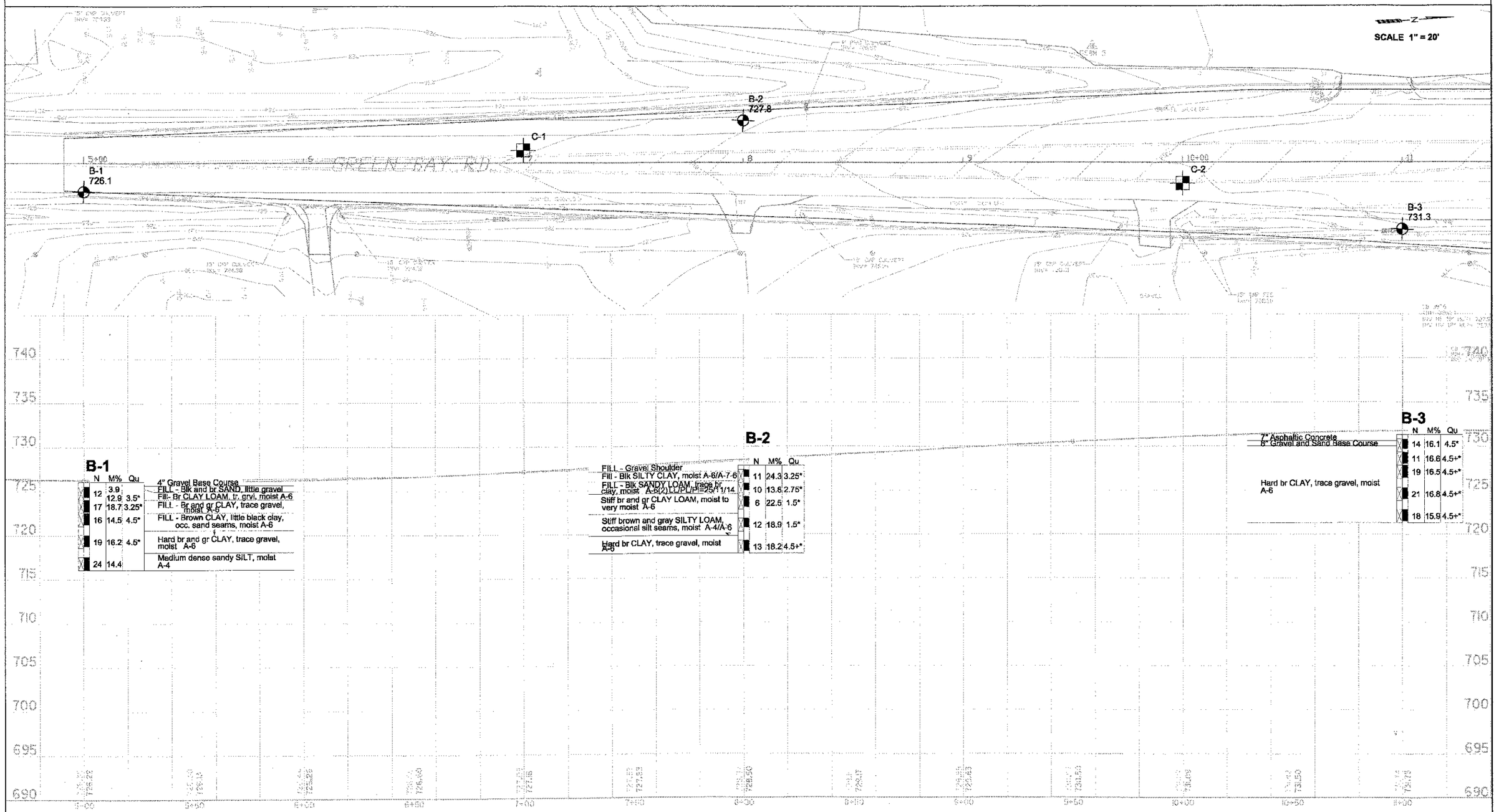
FILE NAME: N:\LCDOT\04229\C:\ENSPP_04229_08.SHT	USER NAME = nmarcel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	141
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			



LEGEND

BORING LOCATIONS L-62,012 / JULY 2005

BORING LOCATIONS L-62,012A / MARCH 2009

CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TSC TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO.: L-62,012A
DATE: 12-10-10

PAGE NO. 9 OF 11

FILE NAME = N:\LCDOT\04225\Civil\SPP_040225_09.SIP	USER NAME = nmcrol	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

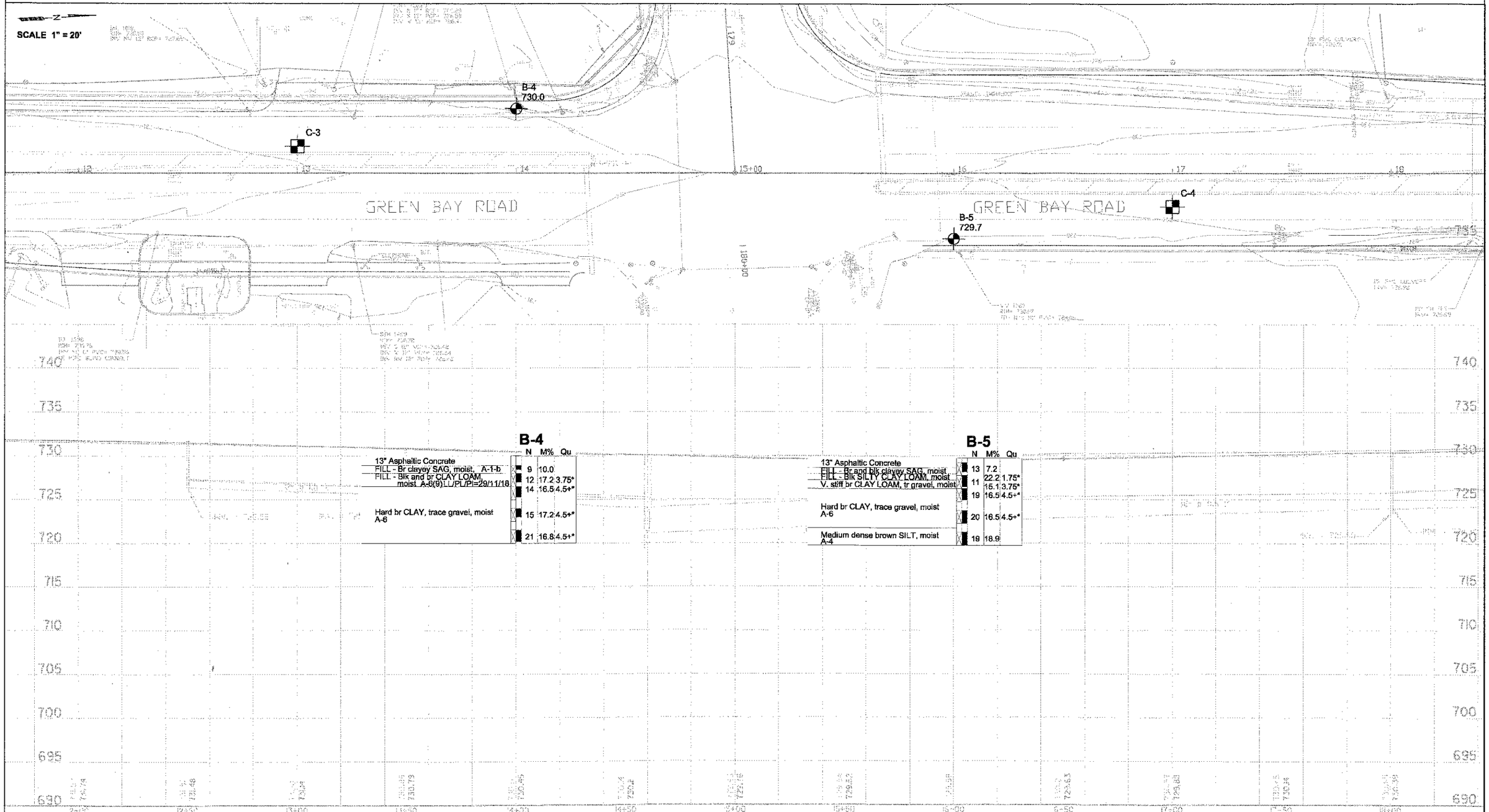
WADSWORTH ROAD AT GREEN BAY ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	142

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



LEGEND

- BORING LOCATIONS L-62,012 / JULY 2005
- BORING LOCATIONS L-62,012A / MARCH 2009
- CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TSC TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO.: L-62,012A
DATE: 12-10-10

PAGE NO. 10 OF 11

FILE NAME = N:\LCDOT\04229\Civil\SPF_042229_10.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1"	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

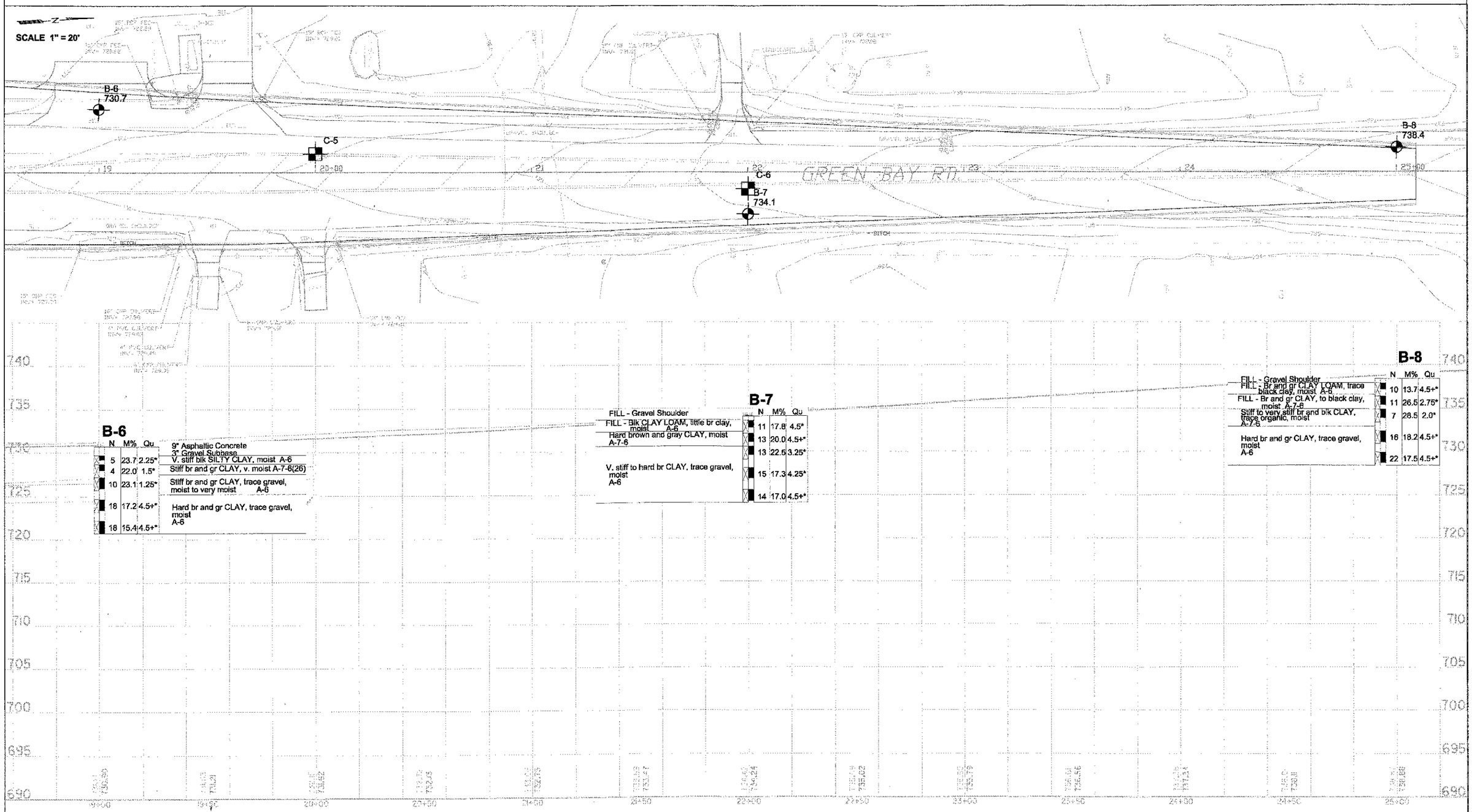
WADSWORTH ROAD AT GREEN BAY ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	169	143

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



LEGEND

BORING LOCATIONS L-62,012 / JULY 2005

BORING LOCATIONS L-62,012A / MARCH 2009

CORE LOCATIONS L-62,012 JULY 2005

BORING LOCATION PLAN
WADSWORTH & GREEN BAY ROADS
ILLINOIS ROUTE 131
LAKE COUNTY, ILLINOIS

TSC TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: MVM
JOB NO.: L-62,012A
DATE: 12-10-10

PAGE NO. 11 OF 11

FILE NAME = N:\CDOT\04229\Civil\SPP_040229_11.SHT	USER NAME = mmorel	DESIGNED	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

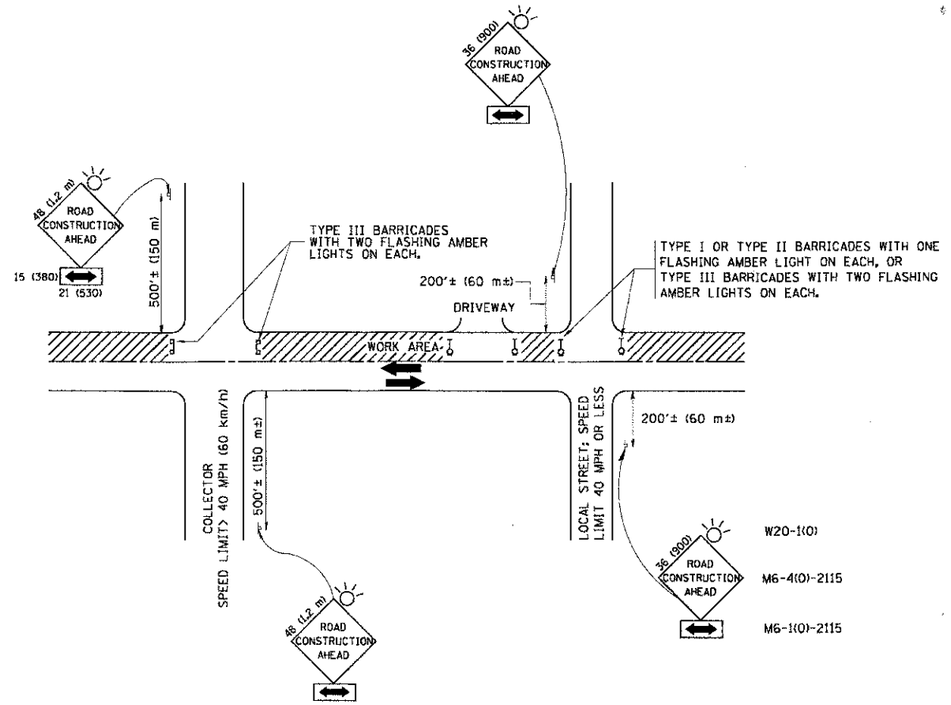
WADSWORTH ROAD AT GREEN BAY ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	144

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



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.

FILE NAME = M:\distsvc\22x34\tc10.dgn	USER NAME = geglionat	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2000	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.
	TC-10	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

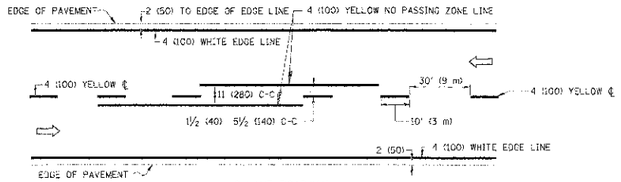
FILE NAME = M:\LOOP\94229\Civil\DIST1DET1_240229-01.SHT	USER NAME = rmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

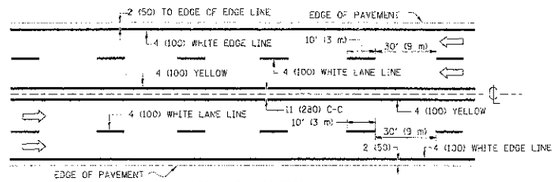
WADSWORTH ROAD AT GREEN BAY ROAD
IDOT DISTRICT 1 DETAILS

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

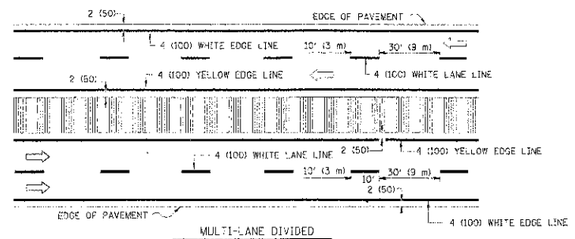
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	145
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY



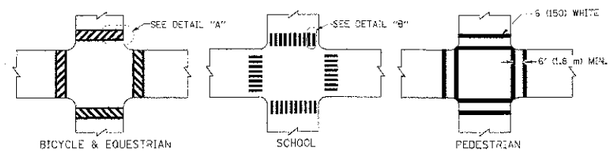
MULTI-LANE UNDIVIDED



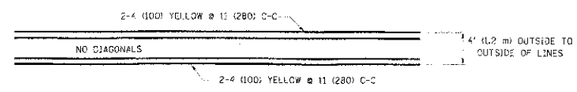
MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

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

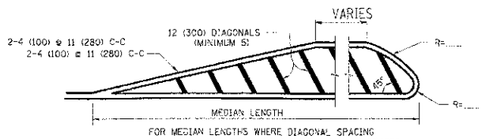
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



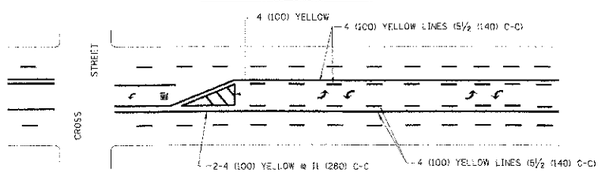
4' (1.2 m) WIDE MEDIANS ONLY



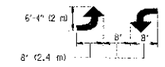
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

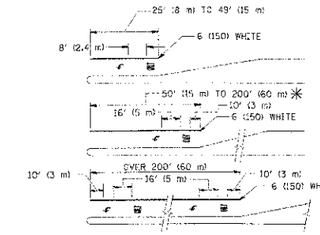


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

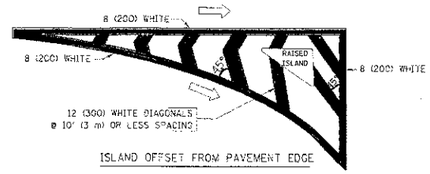


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m²) ; ONLY AREA = 20.8 SQ. FT. (1.9 m²)

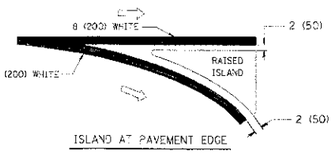
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

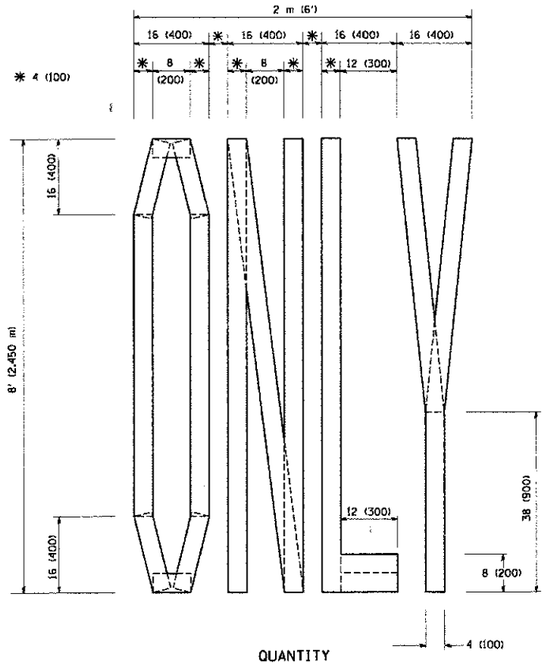
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 6 (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; 5½ (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 8' (1.8 m) LETTERS; 18 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "RR"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
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.

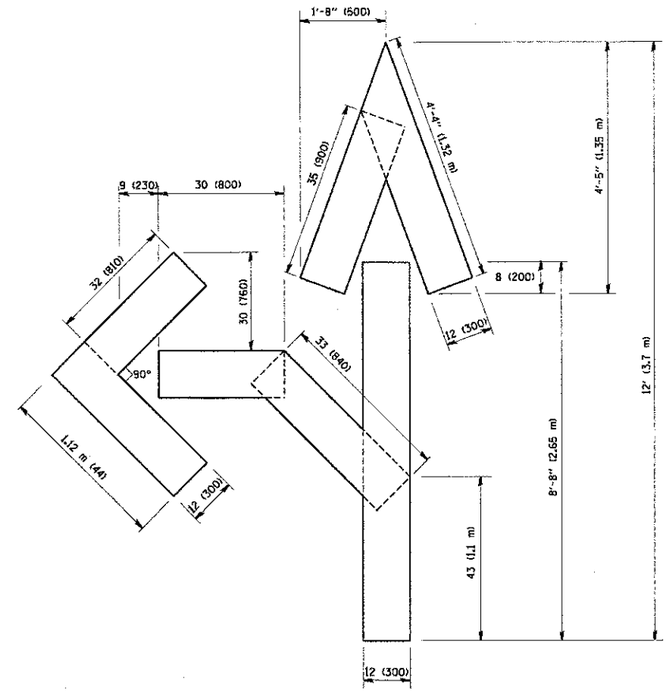
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = jmwilkerson	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - C. JUCIUS 09-09-09							
	PLOT SCALE = 100.000 ' / IN.	CHECKED -	REVISED -		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.		TC-13	CONTRACT NO.		
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -			FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT				

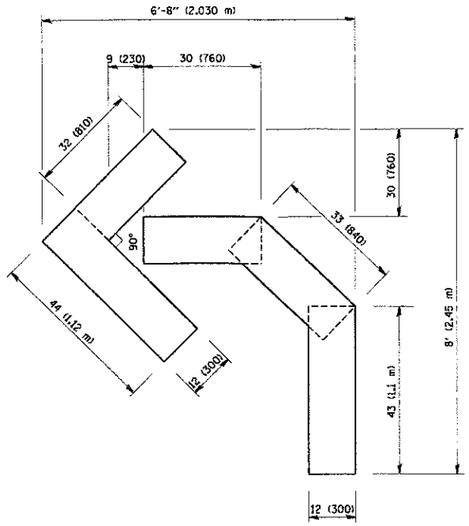
FILE NAME = N:\...\D64229\C1V1\DIST\DET_D43229_02.DGN	USER NAME = nmarcel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD IDOT DISTRICT 1 DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			1209	03-00033-12-CH	LAKE	189	146
	PLOT SCALE = 1'	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS | STA. | TO STA.			CONTRACT NO. 63766		
	PLOT DATE = 11/13/2012	DATE -	REVISED -			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 = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



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

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

FILE NAME =	USER NAME = gaglianobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
W:\diststd\22x34\tc16.dgn		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.
	TC-16	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

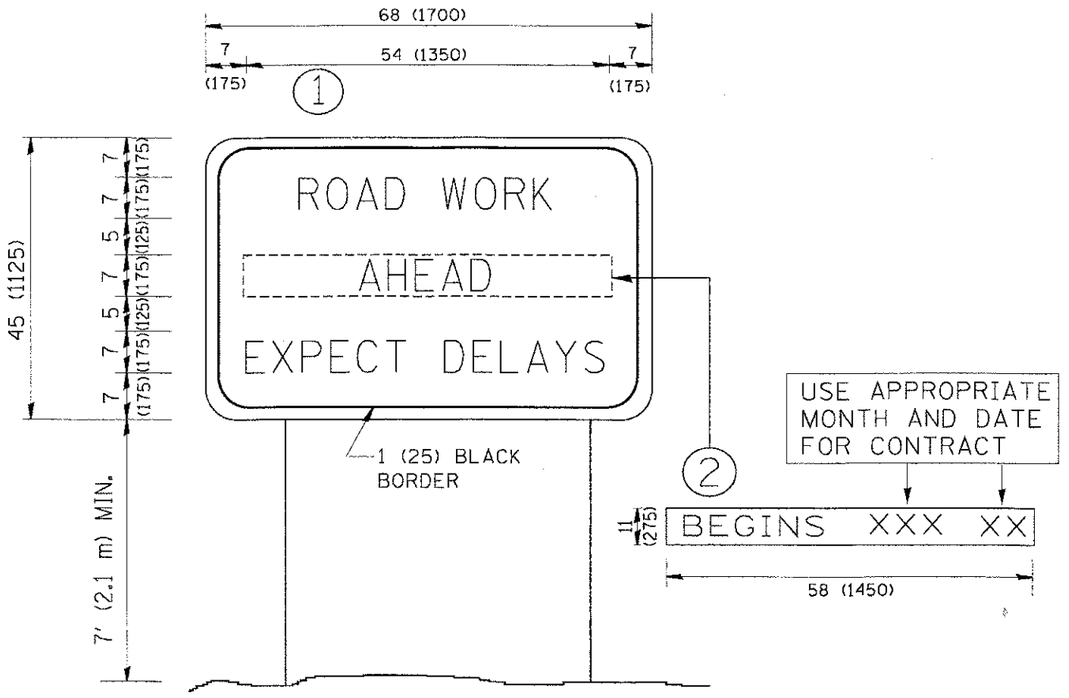
FILE NAME =	USER NAME = omoral	DESIGNED -	REVISED -
N:\LCDOT\82422\Civil\DISTRICT_1\40229-03.SHT		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
IDOT DISTRICT 1 DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	147
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



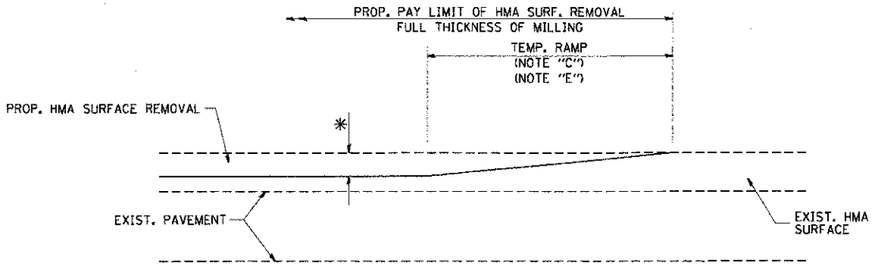
NOTES:

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:\distsrd\22x34\tc22.dgn	USER NAME = geglienobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97						
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99				TC-22	CONTRACT NO.	
	PLOT DATE = 1/4/2000	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE / SHEET NO. 1 OF 1 SHEETS / STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

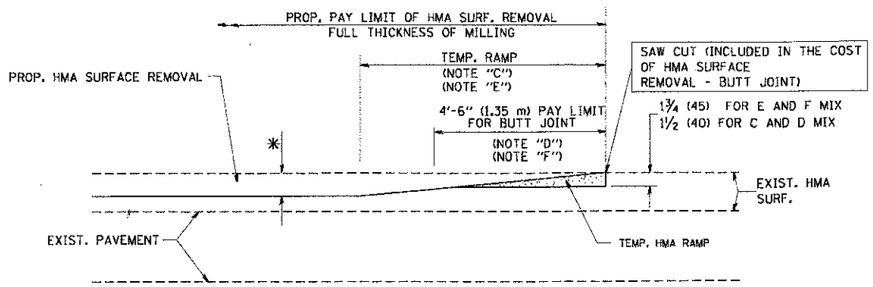
FILE NAME = N:\LCDOT\04229\Civil\DISTIDET_042229-04.SHT	USER NAME = rmorel	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WADSWORTH ROAD AT GREEN BAY ROAD IDOT DISTRICT 1 DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED			1209	03-00033-12-CH	LAKE	189 / 148
	PLOT SCALE = 1'	CHECKED -	REVISED					CONTRACT NO. 63766	
	PLOT DATE = 11/13/2012	DATE -	REVISED		SCALE: / SHEET NO. OF SHEETS / STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

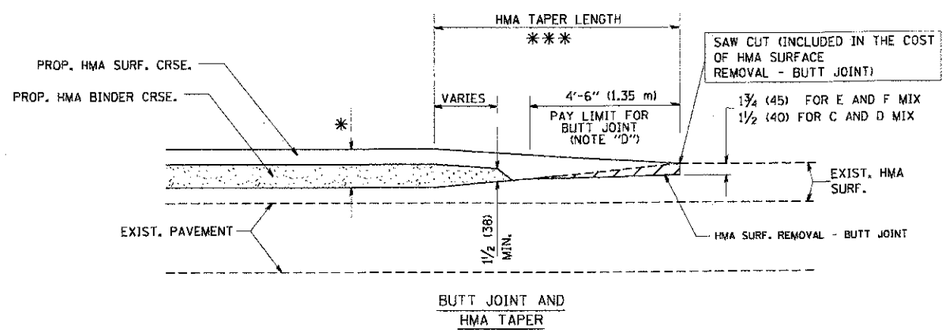


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

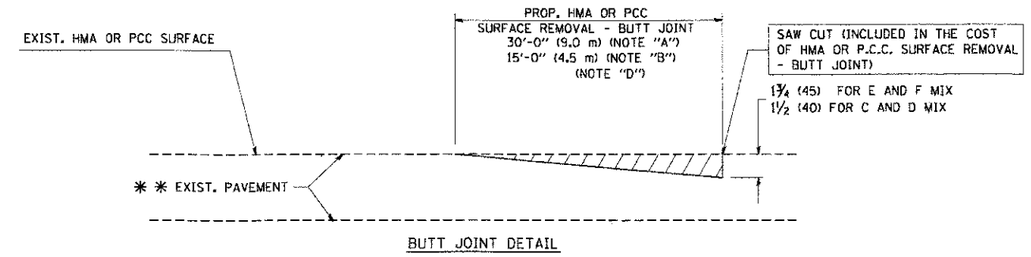
OPTION 2

TYPICAL TEMPORARY RAMP

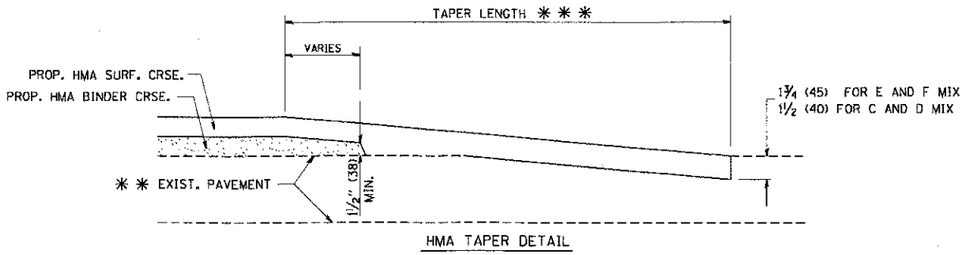


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

* * * 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

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

FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglienobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD400-05 BD32	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

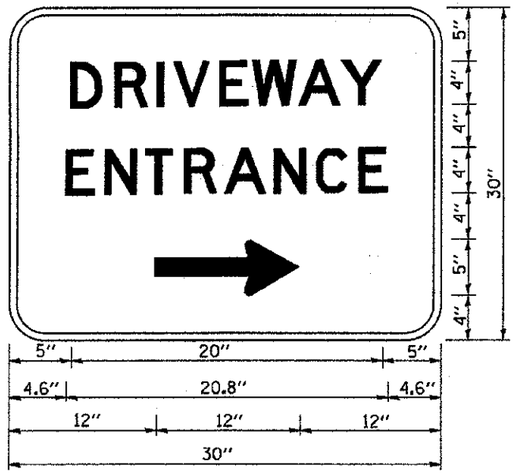
FILE NAME = W:\CDOT\842229\Civil\DIST1DET_042229-25.dgn	USER NAME = amarkl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED -	REVISED -
	PLOT DATE = 12/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
IDOT DISTRICT 1 DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	149
		CONTRACT NO. 63766		
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 = M:\dlassd\22x34\tc26.dgn	USER NAME = gegisenobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	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.
	TC-26	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

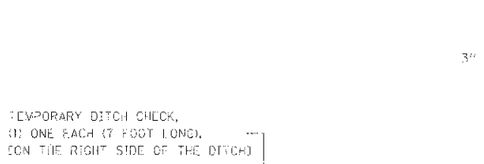
FILE NAME = N:\LCDOT\84229\Civil\DIST\DET_84229-06.SHT	USER NAME = vrooish	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 2'	CHECKED -	REVISED -
	PLOT DATE = 2/12/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

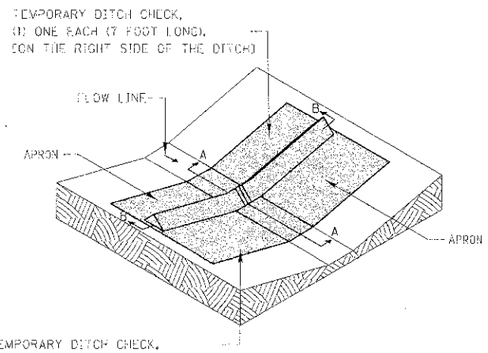
WADSWORTH ROAD AT GREEN BAY ROAD
IDOT DISTRICT 1 DETAILS

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

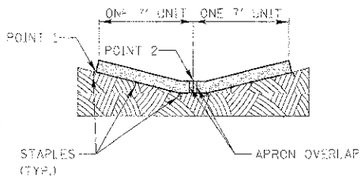
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	149A
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



SECTION A-A



SILT DIKE UNIT
ISOMETRIC



SECTION B-B

STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAM.

POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

NOTE:
THE INSTALLATION SHOWN ABOVE WILL BE MEASURED AS A TEMPORARY DITCH CHECK 14 FEET IN LENGTH.

SCALE: 1" = 5'

REVISIONS	DATE
ADDED DIMENSIONS	04/11/08
REVISED PAY ITEM	04/15/10

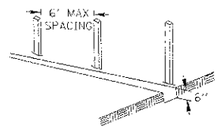
LakeCounty Division of Transportation

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2004

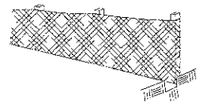
TEMPORARY DITCH CHECK INSTALLATION FOR ROADWAY OR DRAINAGE DITCH

LC2050

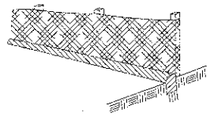
1. SET POSTS AND EXCAVATE OR SLIT-TRENCH A 6 INCH DEEP TRENCH UPSLOPE ALONG THE LINE OF POSTS



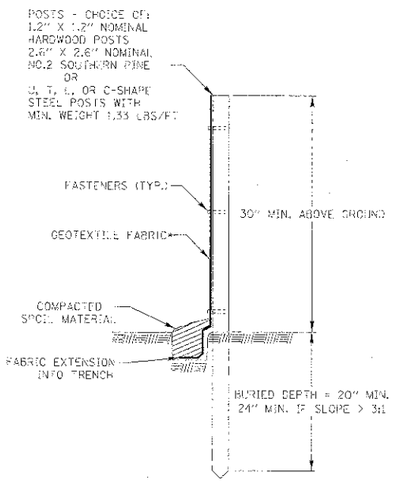
2. ATTACH GEOTEXTILE FILTER FABRIC TO EACH POST WITH A MINIMUM OF 4 (THREE) FASTENERS PER POST AND EXTEND FABRIC TO THE BOTTOM OF THE TRENCH



3. BACKFILL AND COMPACT THE EXCAVATED MATERIALS



Requirements	Test Methods	Wire Backed Supported Silt Fence [a]	Unsupported Silt Fence: Geotextile Elongation >=50% [b]	Unsupported Silt Fence: Geotextile Elongation <50% [c]
Maximum Post Spacing		4 feet	4 feet	6 feet
Grab Strength	ASTM D 4632			
Machine direction		90 lbs	124 lbs	124 lbs
X-Machine direction		90 lbs	100 lbs	100lbs
Permittivity [d]	ASTM D 4491	0.05 sec [-1]	0.05 sec [-1]	0.05 sec [-1]
Apparent Opening Size	ASTM D 4751	0.024in maximum average roll value		
Ultraviolet stability (retained strength)	ASTM D 4355	70% after 500 hours of exposure		



* NOTE: OPTIONAL WIRE SUPPORT
- MIN. 30" HEIGHT
- MIN. 14 GAUGE WIRE
- MIN. 6 HORIZ. WIRES
- MIN. 6" VERTICAL SPACING

SCALE 1" = 1'

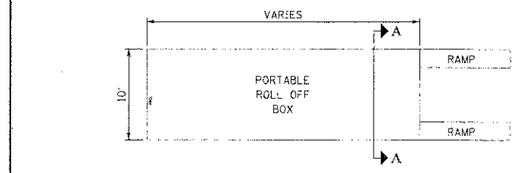
REVISIONS	DATE
ADDED BY LCSMC	04/21/08

LakeCounty Division of Transportation

APPROVED BY: M. G. ZEMAITIS
DATE: JUNE 20, 2008

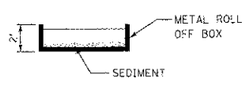
PERIMETER EROSION BARRIER INSTALLATION

LC2051

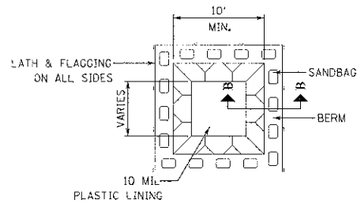


PLAN VIEW

PREFAB PORTABLE WASHOUT

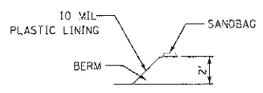


SECTION A-A



PLAN VIEW

BELOW GRADE



SECTION B-B

NOTES:

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. OTHER WASHOUT DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

NOT TO SCALE

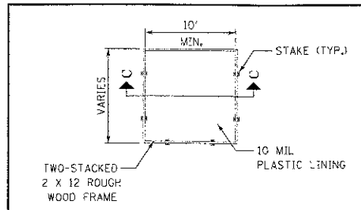
REVISIONS	DATE

LakeCounty Division of Transportation

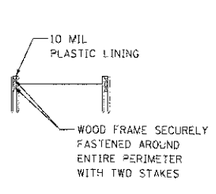
APPROVED BY: MGZ
DATE: March 17, 2008

CONCRETE WASHOUT FACILITIES
SHEET 1 OF 2

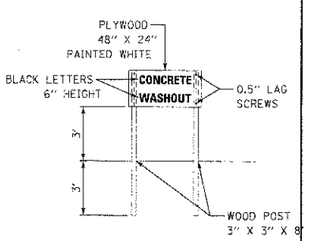
LC4202



PLAN VIEW

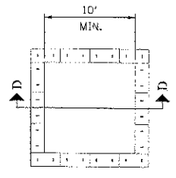


ABOVE GRADE

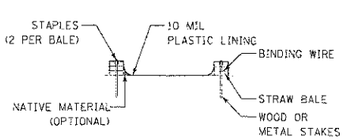


SECTION C-C

CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT)

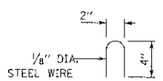


PLAN VIEW



ABOVE GRADE WITH STRAW BALES

SECTION D-D



STAPLE DETAIL

NOTES:

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. OTHER WASHOUT DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

NOT TO SCALE

REVISIONS	DATE

LakeCounty Division of Transportation

APPROVED BY: MGZ
DATE: March 17, 2008

CONCRETE WASHOUT FACILITIES
SHEET 2 OF 2

LC4202

FILE NAME = N:\LCDO~1\04229\Civil\IN_LCDOTDET_040229-02.dgn	USER NAME = mgrogl	DESIGNED -	REVISED -
	SHT	DRAWN -	REVISED -
	PLOT SCALE = 1"	CHECKED -	REVISED -
	PLOT DATE = 8/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

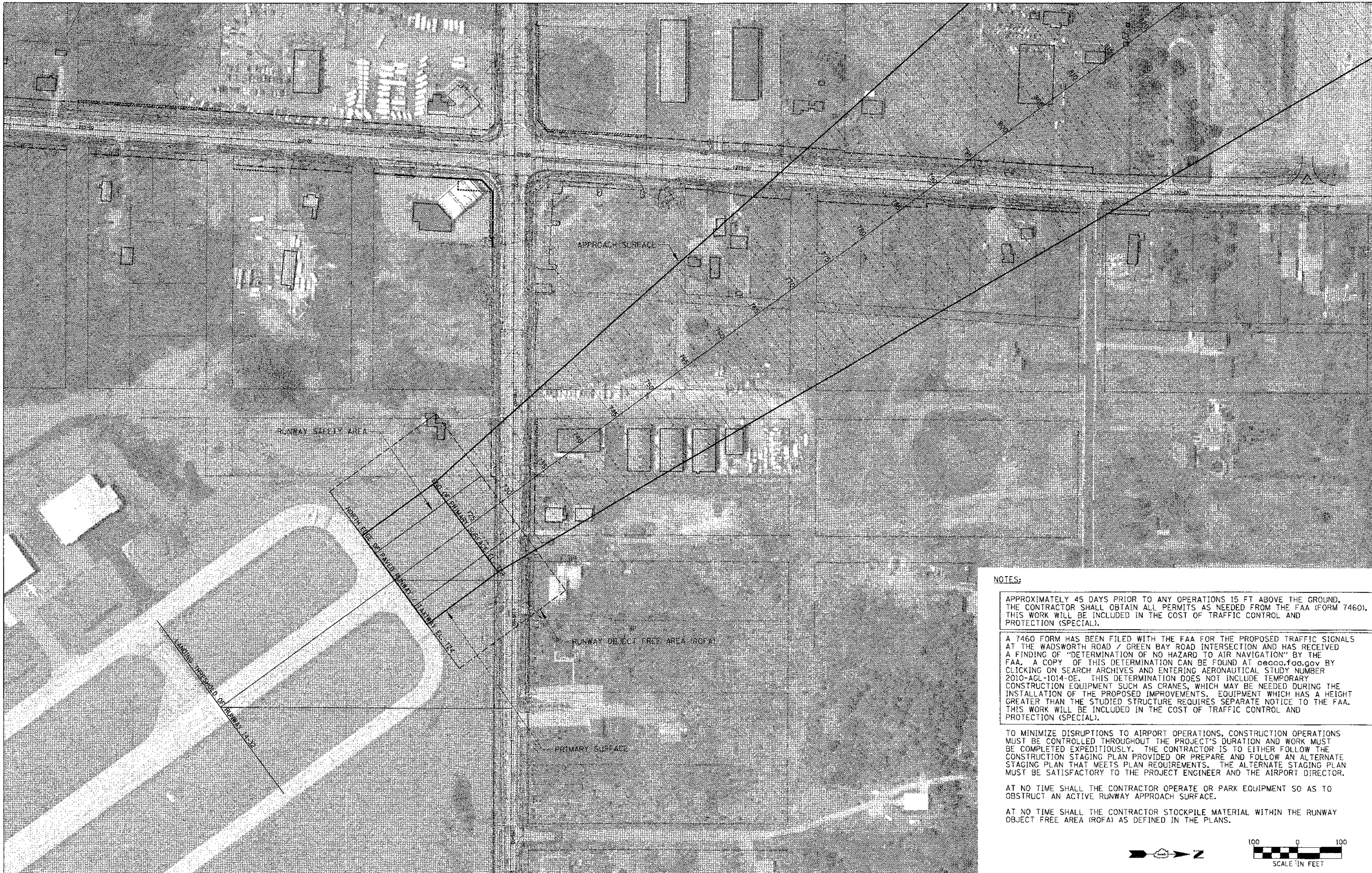
WADSWORTH ROAD AT GREEN BAY ROAD
LCDOT DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	150

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



NOTES:

APPROXIMATELY 45 DAYS PRIOR TO ANY OPERATIONS 15 FT ABOVE THE GROUND, THE CONTRACTOR SHALL OBTAIN ALL PERMITS AS NEEDED FROM THE FAA (FORM 7460). THIS WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

A 7460 FORM HAS BEEN FILED WITH THE FAA FOR THE PROPOSED TRAFFIC SIGNALS AT THE WADSWORTH ROAD / GREEN BAY ROAD INTERSECTION AND HAS RECEIVED A FINDING OF "DETERMINATION OF NO HAZARD TO AIR NAVIGATION" BY THE FAA. A COPY OF THIS DETERMINATION CAN BE FOUND AT oeaaa.faa.gov BY CLICKING ON SEARCH ARCHIVES AND ENTERING AERONAUTICAL STUDY NUMBER 2010-AGL-1014-OE. THIS DETERMINATION DOES NOT INCLUDE TEMPORARY CONSTRUCTION EQUIPMENT SUCH AS CRANES, WHICH MAY BE NEEDED DURING THE INSTALLATION OF THE PROPOSED IMPROVEMENTS. EQUIPMENT WHICH HAS A HEIGHT GREATER THAN THE STUDIED STRUCTURE REQUIRES SEPARATE NOTICE TO THE FAA. THIS WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

TO MINIMIZE DISRUPTIONS TO AIRPORT OPERATIONS, CONSTRUCTION OPERATIONS MUST BE CONTROLLED THROUGHOUT THE PROJECT'S DURATION AND WORK MUST BE COMPLETED EXPEDITIOUSLY. THE CONTRACTOR IS TO EITHER FOLLOW THE CONSTRUCTION STAGING PLAN PROVIDED OR PREPARE AND FOLLOW AN ALTERNATE STAGING PLAN THAT MEETS PLAN REQUIREMENTS. THE ALTERNATE STAGING PLAN MUST BE SATISFACTORY TO THE PROJECT ENGINEER AND THE AIRPORT DIRECTOR.

AT NO TIME SHALL THE CONTRACTOR OPERATE OR PARK EQUIPMENT SO AS TO OBSTRUCT AN ACTIVE RUNWAY APPROACH SURFACE.

AT NO TIME SHALL THE CONTRACTOR STOCKPILE MATERIAL WITHIN THE RUNWAY OBJECT FREE AREA (ROFA) AS DEFINED IN THE PLANS.

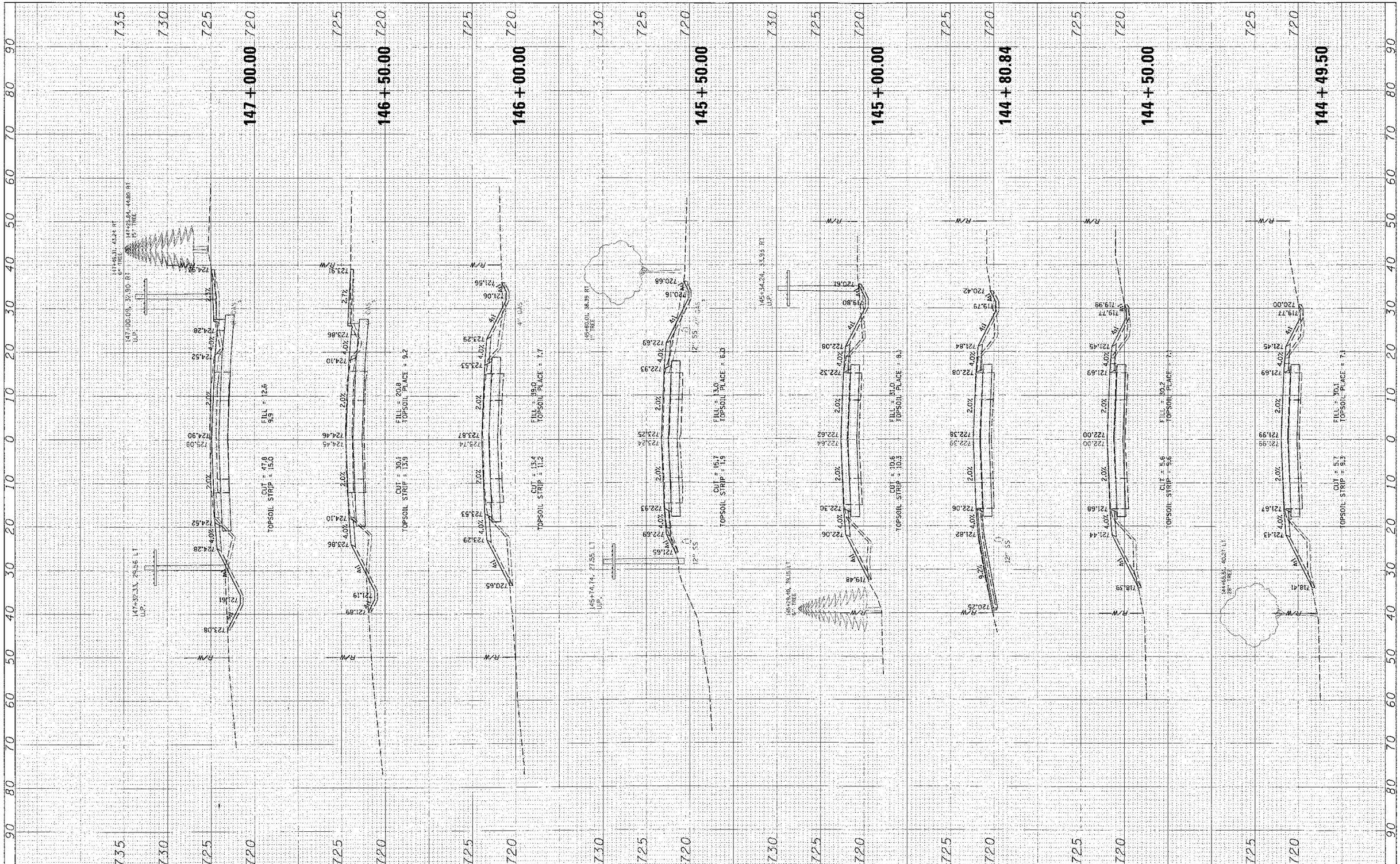
FILE NAME = N:\LCDOT\04229\Civil\FAA_040229_01.SHT	USER NAME = nmorel	DESIGNED -	REVISED
		DRAWN	REVISED
	PLOT SCALE = 100'	CHECKED	REVISED
	PLOT DATE = 11/13/2012	DATE	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WADSWORTH ROAD AT GREEN BAY ROAD
FAA RESTRICTIONS

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

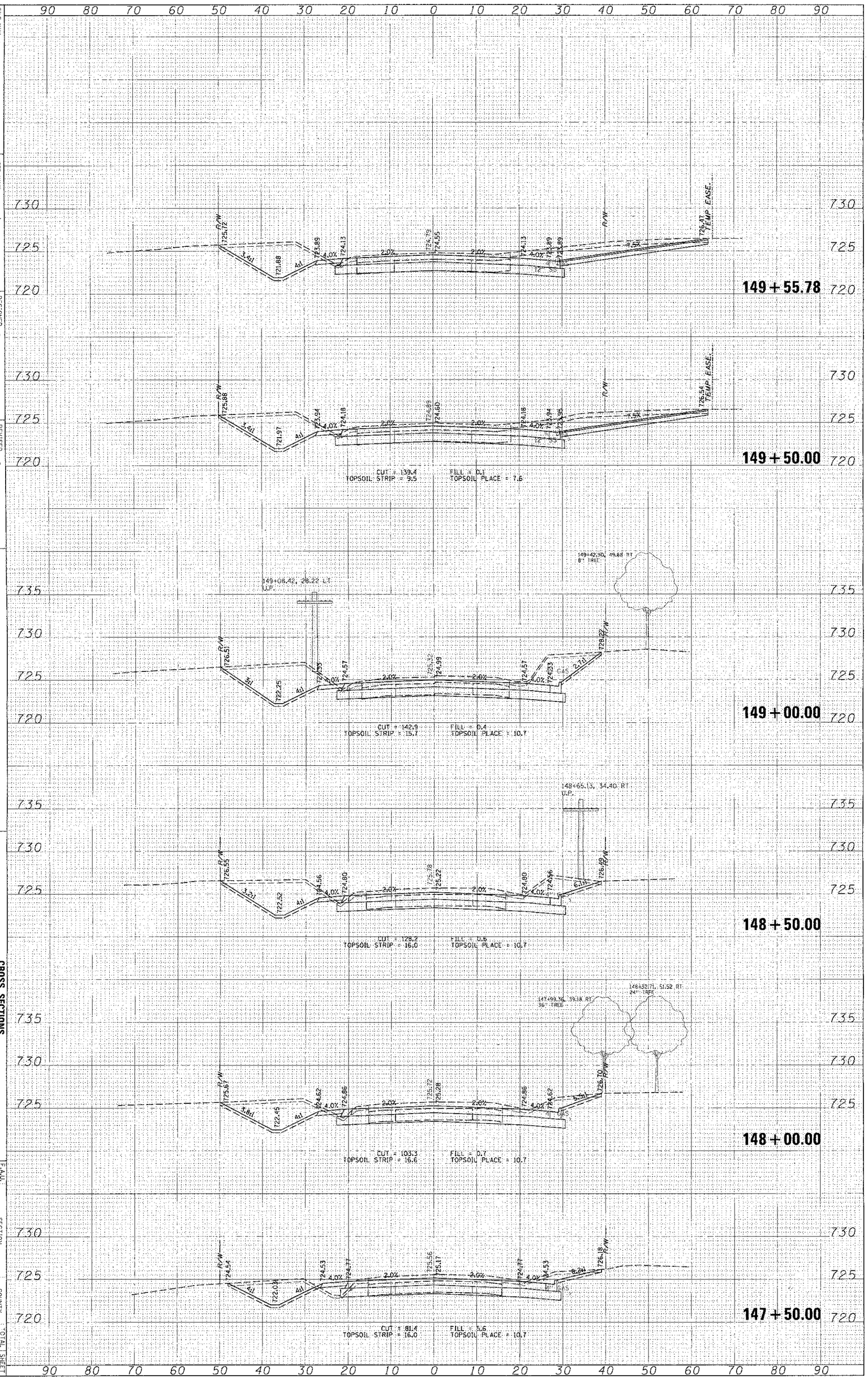
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	151
		CONTRACT NO. **63766**		
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			



FILE NAME = N:\LCDOT\04229\Civil\LAY_WADS_FINAL_01.SHT	USER NAME = [illegible]	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WADSWORTH ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			1209	03-00033-12-CH	LAKE	189	152
	PLOT SCALE = 10'	CHECKED -	REVISED -					CONTRACT NO. 63766		
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 144+49.50 TO STA. 147+00.00	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

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



FILE NAME = N:\LDOT\84229\Civil\LAY_WADS_FINAL_01.SHT

USER NAME = nanoval

PLOT SCALE = 10'

PLOT DATE = 11/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

CROSS SECTIONS
WADSWORTH ROAD

SHEET NO. OF SHEETS STA. 147+50.00 TO STA. 149+55.78

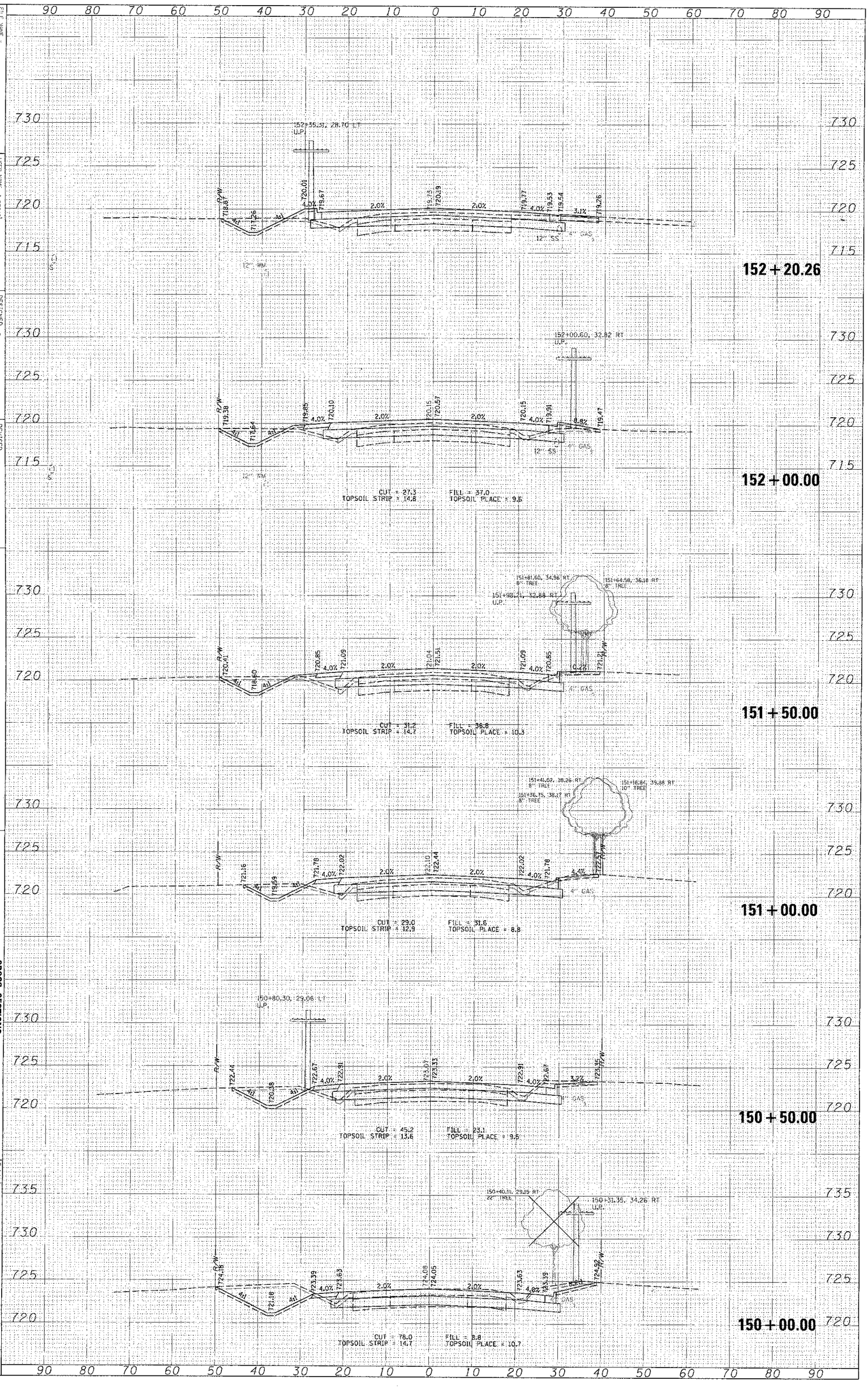
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	153

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766

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

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



FILE NAME = N:\CIVIL\84229\CIVIL\LAKE\WADS_FINAL_BLSHT

USER NAME = nmoral

PLOT SCALE = 10'

PLOT DATE = 11/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

SHEET NO. OF SHEETS STA. 150+00.00 TO STA. 152+20.26

CROSS SECTIONS
WADSWORTH ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	154

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766

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

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

154 + 50.00

154+70.66, 41.81 RT
8" TREE

154+70.55, 42.04 RT
10" TREE

FILL = 17.8
TOPSOIL PLACE = 8.5

CUT = 31.2
TOPSOIL STRIP = 14.4

715.45 RW
715.32
715.23
4.0%
715.47
2.0%
715.89
715.85
18" SS
INV = 710.86
715.27
715.83
715.26
716.29
RW
18"
12" WM
C.V.
12" SAN

714.93 RW
714.51
716.16
4.0%
716.40
2.0%
716.66
716.82
18" SS
INV = 711.28
716.20
716.76
716.36
716.37
4.0%
RW
18"
12" WM
C.V.

154 + 00.00

154+08.48, 28.65 LT
DCP

FILL = 34.6
TOPSOIL PLACE = 6.6

CUT = 16.9
TOPSOIL STRIP = 8.8

12" SAN

153 + 50.00

153+66.41, 33.46 RT
DCP

153+78.57, 26.20 RT
TEMP SIGNAL POLE

FILL = 18.8
TOPSOIL PLACE = 4.3

CUT = 14.8
TOPSOIL STRIP = 5.9

716.64 RW
716.33
716.10
4.0%
717.34
2.0%
717.76
717.53
18" SS
INV = 711.58
0.7%
716.83
12" SS
GTVD

153 + 38.36

8" SS

716.89 RW
715.54
717.32
4.0%
717.56
2.0%
717.72
717.98
18" SS
INV = 711.59
0.8%
717.14
717.36
717.02
12" SS
GTVD

153 + 00.00

152+99.37, 26.90 RT
TEMP SIGNAL POLE

716.30 RW
717.64
718.04
4.0%
718.28
2.0%
718.35
718.70
18" SS
INV = 711.70
717.83
717.98
716.72
RW
12" WM
12" SS
GTVD

152 + 50.00

718.2
719.21
4.0%
719.63
2.0%
719.25
719.04
719.38
718.12
718.97
RW
18"
12" WM
12" SS
GTVD

6" SS
INV = 712.65

4" GAS

FILL = 36.5
TOPSOIL PLACE = 9.4

CUT = 23.8
TOPSOIL STRIP = 15.0

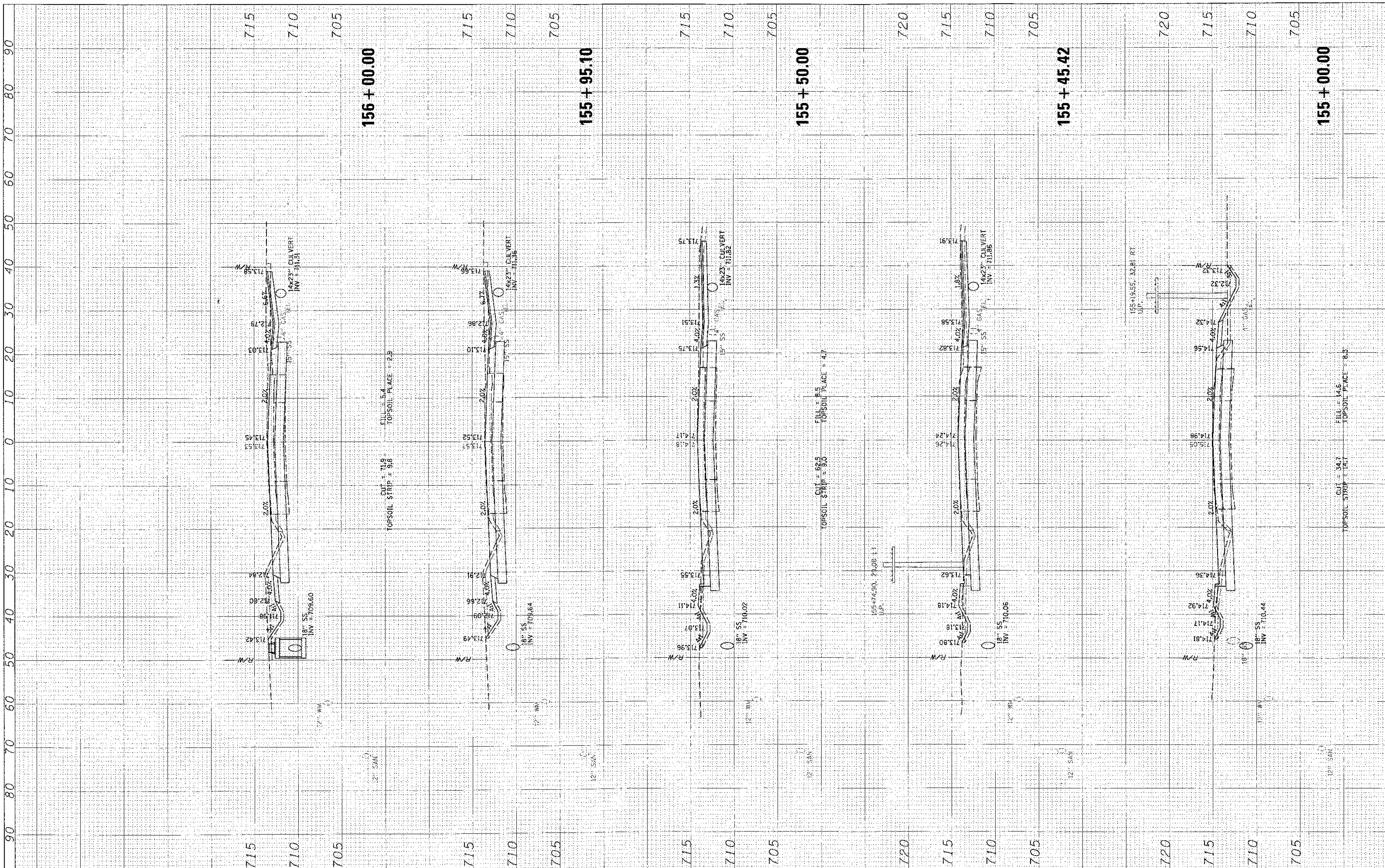
FILE NAME =	USER NAME = rmored	DESIGNED -	REVISED -
N:\ECDOT\Z4229\Civil\LGY_WADS_FINAL_01.SHT		DRAWN -	REVISED -
	PLOT SCALE = 12'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 152+50.00 TO STA. 154+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	155
		CONTRACT NO. 63766		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

FILE NAME = N:\LC007\04229\Civil\LAY.WADS_FINAL_01.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 155+00.00 TO STA. 156+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	156

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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

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

FILE NAME = N:\LCD\Projects\Wadsworth Road\Final\Sheets\Wadsworth Road Final Cross Sections.dgn

USER NAME = mmiller

PLOT SCALE = 1.0000 '/ IN.

PLOT DATE = 10/17/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: 1" = 10'

SHEET NO. OF SHEETS

STA. 156+50.00 TO STA. 158+00.00

F.A.U. RTE. 1209

SECTION 03-00033-12-CH

COUNTY LAKE

TOTAL SHEETS 189

SHEET NO. 157

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

715 710 705 700

100-YR. BFE = 709.43
10-YR. BFE = 708.8
R/W 710.42
4' 4% 4'
709.99
4' 4%
710.88 4.0% 711.12 2.0% 711.26 711.54 2.0% 711.12 4.0% 710.88
4' 4%
708.67 R/W 710.24 PR. R/W
4' 4%
DC GAS
12" WM
12" SAN

158 + 00.00

CUT = 52.0
TOPSOIL STRIP = 19.3
FILL = 35.7
TOPSOIL PLACE = 13.2

100-YR. BFE = 709.43
10-YR. BFE = 708.8
R/W 710.82
4' 4%
709.87
4' 4%
711.18 4.0% 711.42 2.0% 711.78 711.87 2.0% 711.45 4.0% 711.21
4' 4%
709.59 R/W 711.18 PR. R/W
4' 4%
DC GAS
12" WM
12" SAN

157 + 50.00

CUT = 54.3
TOPSOIL STRIP = 18.9
FILL = 23.5
TOPSOIL PLACE = 11.9

720 715 710 705 700

100-YR. BFE = 709.43
157+39.10, 28.52 LT
U.P.
10-YR. BFE = 708.8
R/W 711.10
4' 4%
708.72
4' 4%
711.27 4.0% 711.51 2.0% 711.98 711.98 2.0% 711.56 4.0% 711.32 2.0%
4' 4%
711.77 PR. R/W
15" SS
11x18" CULVERT
INV = 709.93
12" WM
12" SAN

157 + 37.12

720 715 710 705

R/W 711.47
4' 4%
709.15
4' 4%
711.56 4.0% 711.80 2.0% 712.25 712.30 2.0% 711.88 4.0% 711.64
4' 4%
710.90 R/W 712.20
18" SS
INV = 709.15
12" WM
12" SAN

157 + 00.00

CUT = 62.7
TOPSOIL STRIP = 17.9
FILL = 11.5
TOPSOIL PLACE = 10.4

156+95.24, 33.14 RT
U.P.

720 715 710 705

R/W 712.36
4' 4%
711.59
4' 4%
712.03 4.0% 712.27 2.0% 712.85 712.85 2.0% 712.41 4.0% 711.97
4' 4%
710.81 R/W 712.69
18" SS
INV = 709.33
12" WM
12" SAN

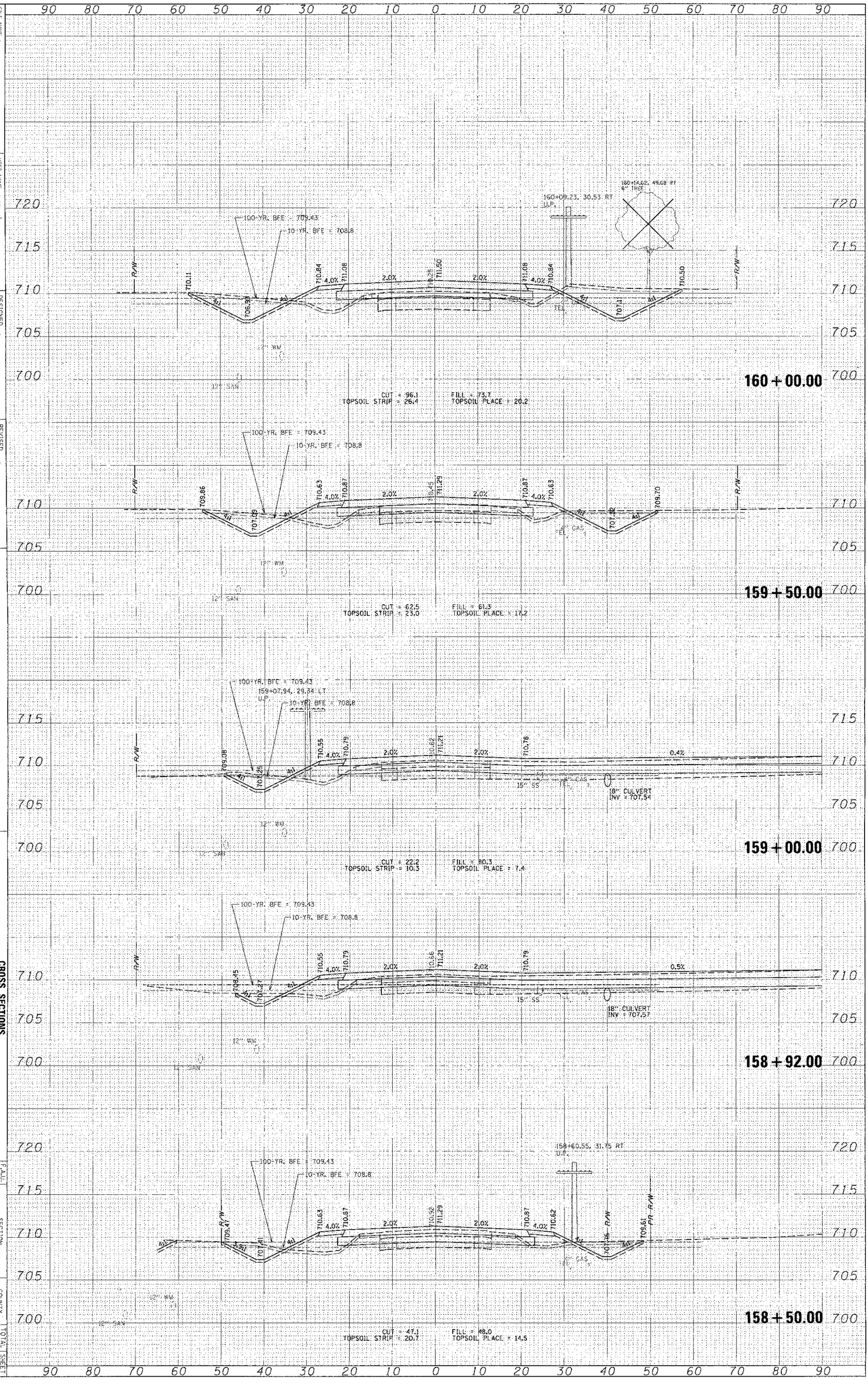
156 + 50.00

CUT = 53.7
TOPSOIL STRIP = 14.6
FILL = 7.8
TOPSOIL PLACE = 6.5

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

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

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



FILE NAME = N:\LCDOT\84229\Civil\LAY_WADS_PNPL_B.SHT

USER NAME = camerol

PLOT SCALE = 1:1

PLOT DATE = 11/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

CROSS SECTIONS
WADSWORTH ROAD

SHEET NO. OF SHEETS STA. 158+50.00 TO STA. 160+00.00

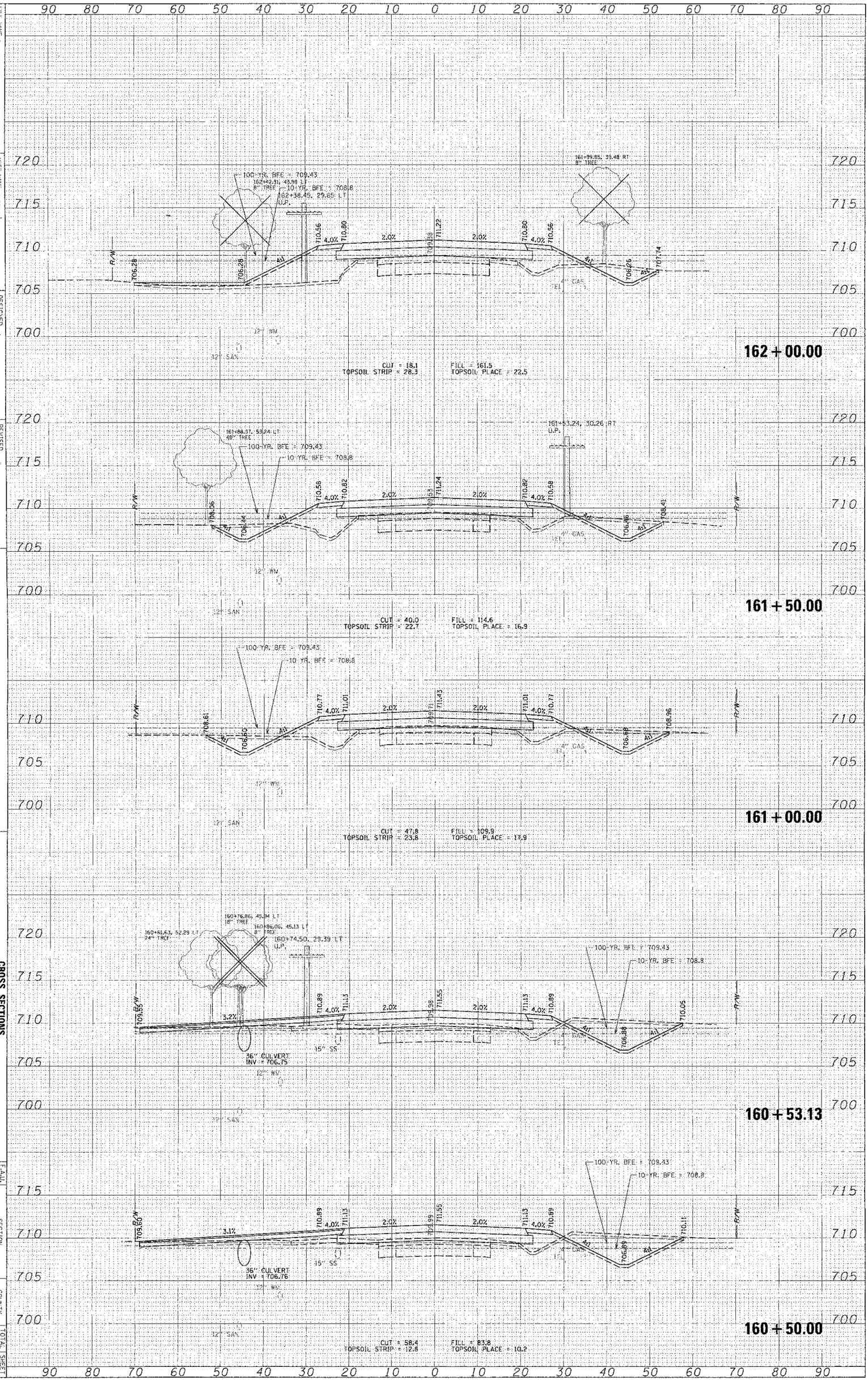
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	158

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766

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

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



FILE NAME = N:\CDOT\2429\CIVIL\LAY_MADS_FINAL_01.DGN

USER NAME = mmorel

PLOT SCALE = 10

PLOT DATE = 11/13/2012

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

CROSS SECTIONS
WADSWORTH ROAD

SHEET NO. OF SHEETS STA. 160+50.00 TO STA. 162+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	& LAKE	185	159

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766

163 + 27.00

100-YR. BFE = 709.43
10-YR. BFE = 708.8
705.75
705.38
711.15
710.91
4.0%
2.0%
711.55
709.14
2.0%
705.36
708.24
163+38.43
15" TRIB.
38.72' LT
R/W
PR R/W
RT
LT
12" SAN
4" GAS
TEL

163 + 02.22

707.35
705.82
710.89
711.13
4.0%
2.0%
711.54
709.30
100-YR. BFE = 709.43
10-YR. BFE = 708.8
5.0%
36" CULVERT
INV = 706.01
36" SS
12" SAN
708.50
R/W

163 + 00.00

707.31
705.83
710.89
711.13
4.0%
2.0%
711.54
709.30
100-YR. BFE = 709.43
10-YR. BFE = 708.8
5.0%
36" CULVERT
INV = 706.02
36" SS
12" SAN
708.52
R/W
FILL = 192.9
TOPSOIL PLACE = 9.8
CUT = 11.4
TOPSOIL STRIP = 11.8

162 + 50.00

706.87
706.04
710.72
710.96
4.0%
2.0%
711.38
709.28
100-YR. BFE = 709.43
10-YR. BFE = 708.8
162+98.51; 30.48 RT
12" SAN
4" GAS
TEL
162+58.31
6" TRIB.
46.45' LT
706.18
709.03
FILL = 165.5
TOPSOIL PLACE = 18.5
CUT = 35.0
TOPSOIL STRIP = 24.4

FILE NAME = N:\CDOT\04229\Civil\PLAY_WADS_FINAL_@.SIH	USER NAME = mmarsal	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 162+50.00 TO STA. 163+27.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	160
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

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

FILE NAME = N:\CAD\Projects\Civil\ILAY_WWSS_2.dgn 10:57:

USER NAME = rmarvel

PLOT SCALE = 10'

PLOT DATE = 11/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE:

SHEET NO. OF SHEETS | STA. 163+50.00 TO STA. 164+50.00

F.A.U. RTE. 1203

SECTION 03-00033-12-CH

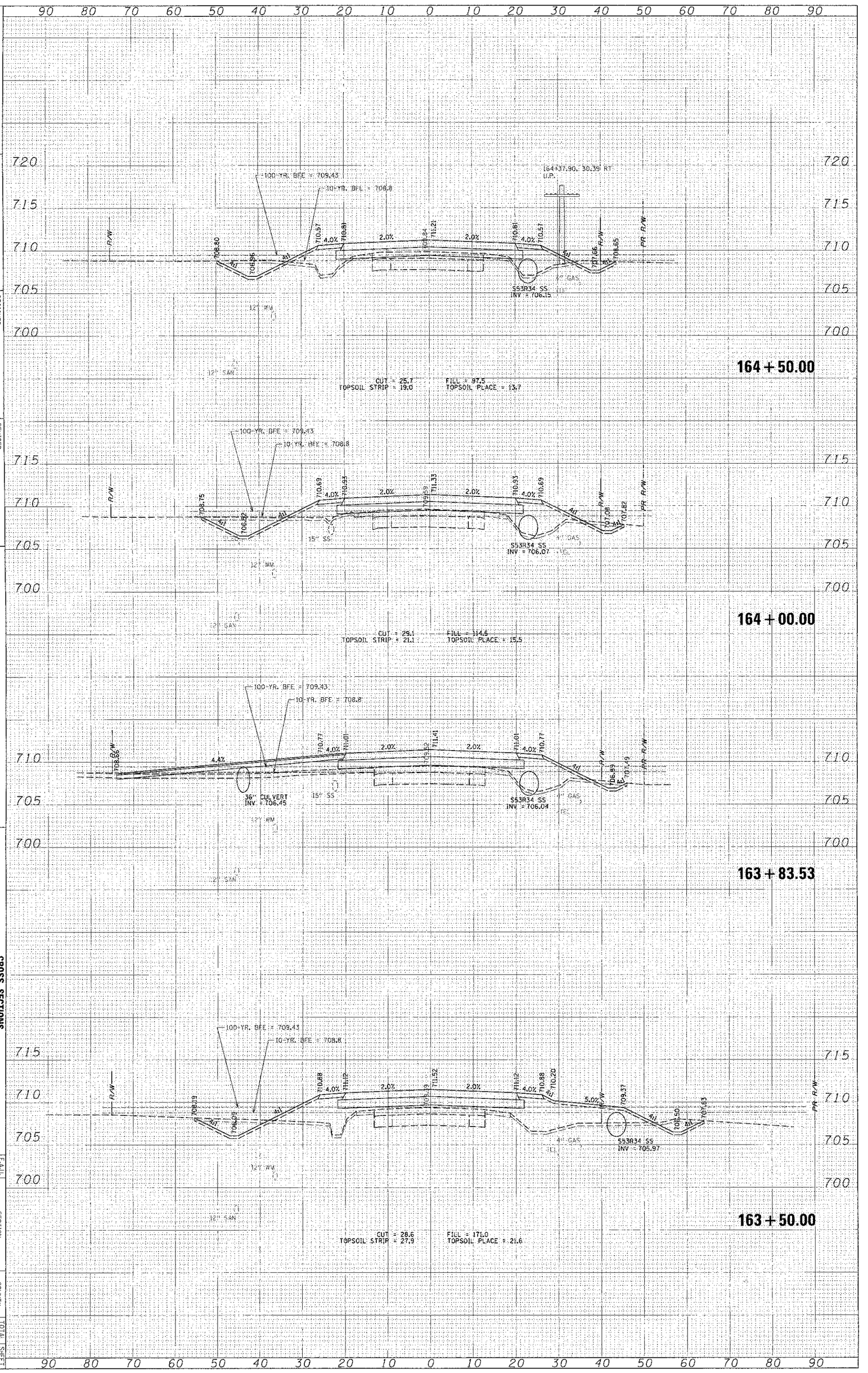
COUNTY LAKE

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

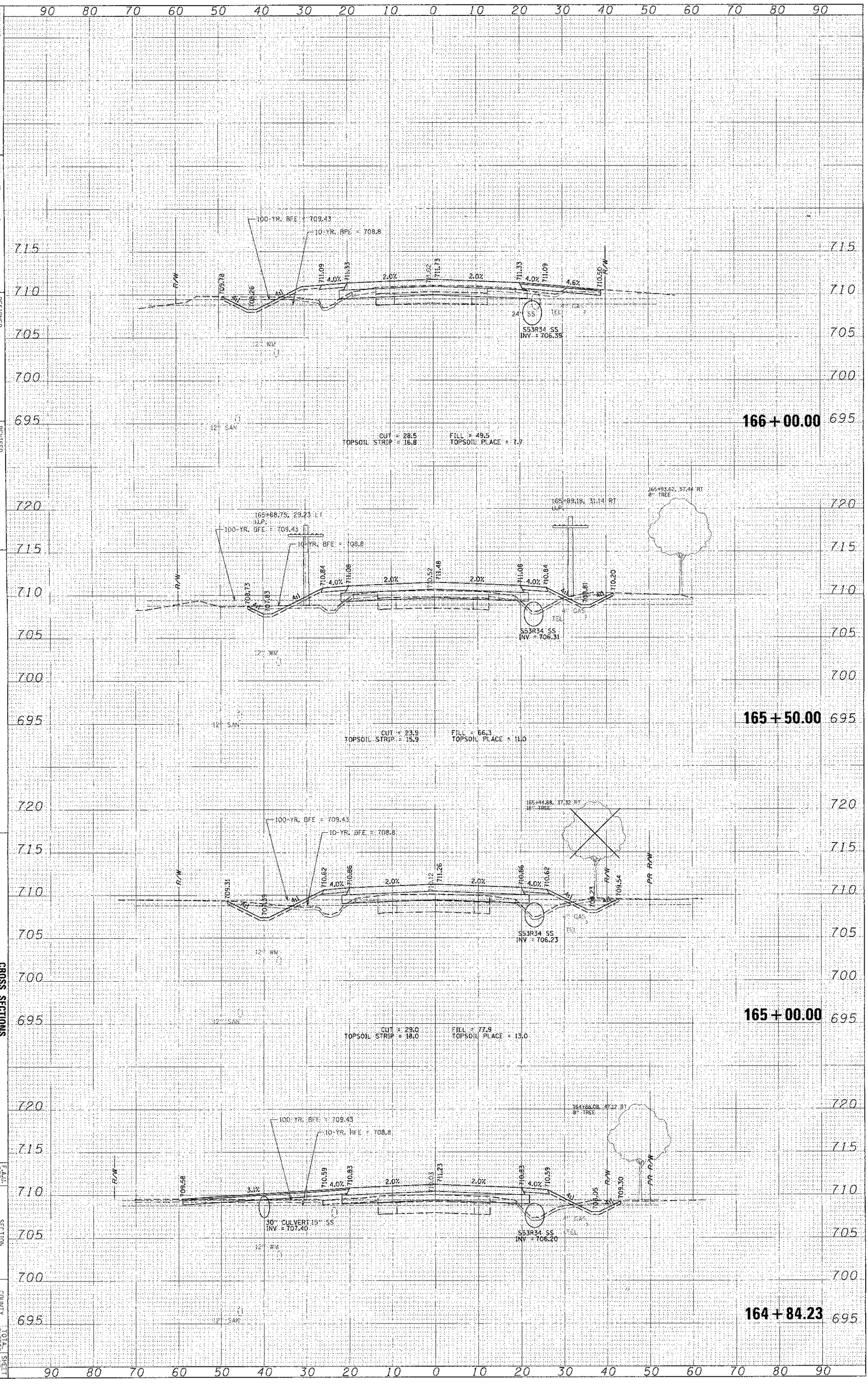
TOTAL SHEETS 185

SHEET NO. 161



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

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



FILE NAME = N:\CHC\84229\Civil\LAY_WADS_FINAL_MUSH

USER NAME = cmp-cl

PLOT SCALE = 10'

PLOT DATE = 11/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED

REVISED

REVISED

REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE:

SHEET NO. OF SHEETS

STA. 164+84.23 TO STA. 166+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	162

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766

	BY	DATE
ORIGINAL	SURVEYED	
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS COMPUTED	

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

167+44.88

712.32 R/W
712.03
711.79 4.0%
712.45
712.56
2.0%
24" SS
SS3R34 SS
INV = 706.78
709.53
711.51
10-YR. BFE = 708.8
100-YR. BFE = 709.43
12" WM
167+31.04, 30.14 LT
12" WM
OFF = 37.7' LT
712.09
712.23
711.83 4.0%
711.59
2.0%
SS3R34 SS
INV = 706.68
709.13
710.91
10-YR. BFE = 708.8
100-YR. BFE = 709.43
166+96.63, 41.44 RT
48" TREE
167+30.67, 29.82 RT
12" TREE
R/W

167+00.00

FILL = 41.6
TOPSOIL PLACE = 12.7
710.67 R/W
708.47
711.34 4.0%
711.98
711.54
2.0%
SS3R34 SS
INV = 706.37
708.70
710.40
10-YR. BFE = 708.8
100-YR. BFE = 709.43
166+61.05, 47.05 RT
12" TREE
166+81.50, 46.48 RT
12" TREE
R/W

166+50.00

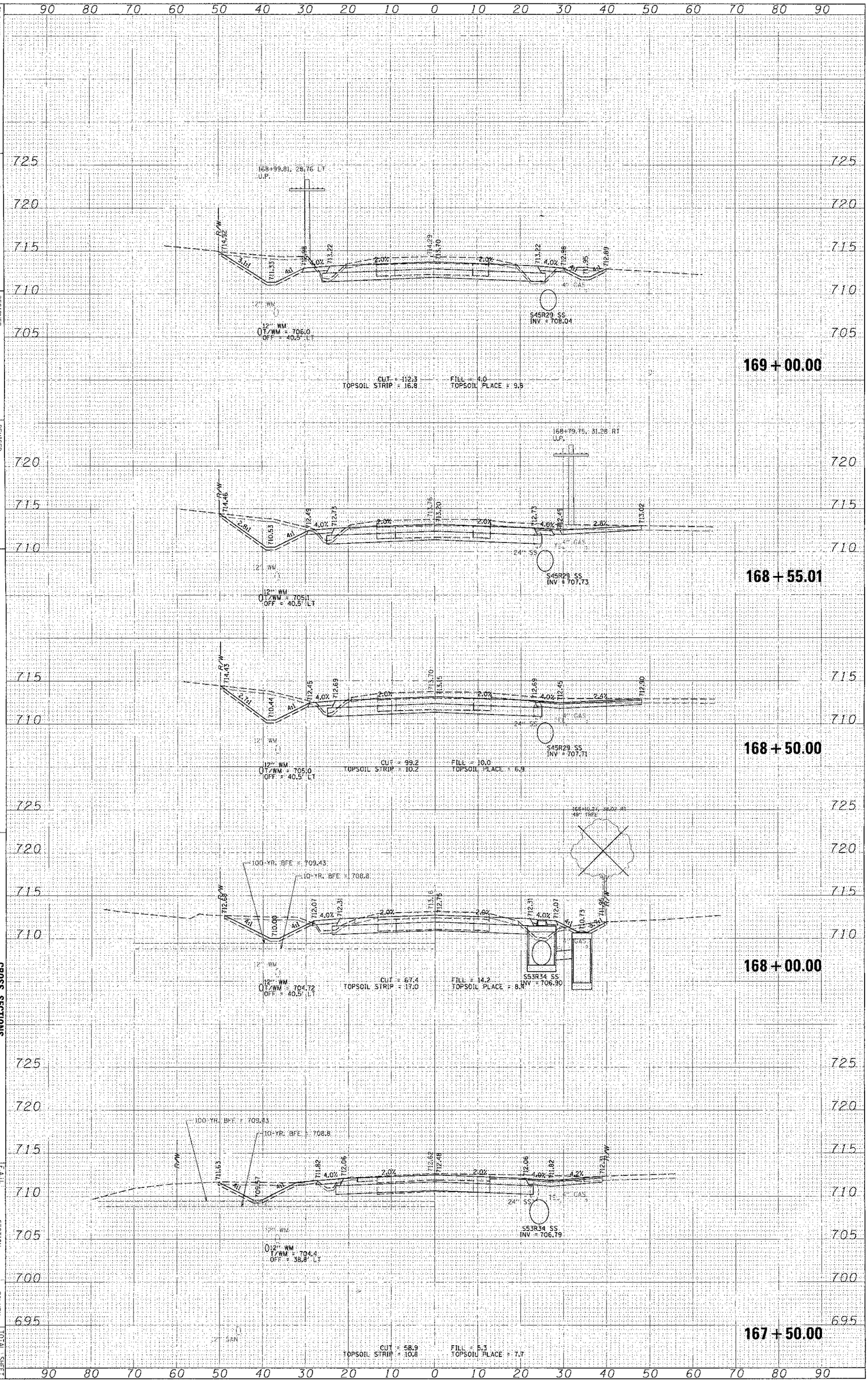
FILL = 41.2
TOPSOIL PLACE = 13.7
CUT = 38.7
TOPSOIL STRIP = 11.9
710.56 R/W
711.12 4.0%
711.36
711.76
711.05
2.0%
24" SS
SS3R34 SS
INV = 706.40
708.32
709.86
10-YR. BFE = 708.8
100-YR. BFE = 709.43
12" SAN
CUT = 34.1
TOPSOIL STRIP = 18.4
R/W

166+06.76

FILE NAME = N:\LCDOT\W4229\Civil\LCY_W835_FINAL_01.SHT	USER NAME = mmuni	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WADSWORTH ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -			1209	03-00033-12-CH	LAKE	189	163
	PLOT SCALE = 10'	CHECKED -	REVISED -						CONTRACT NO. 63766	
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 166+06.76 TO STA. 167+44.88		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT

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

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



FILE NAME = M:\LCD01\64229\Civil\C_MOIS_FINAL_01.dgn

USER NAME = mmorel

PLOT SCALE = 10'

PLOT DATE = 1/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE:

SHEET NO. OF SHEETS

STA. 167+50.00 TO STA. 169+00.00

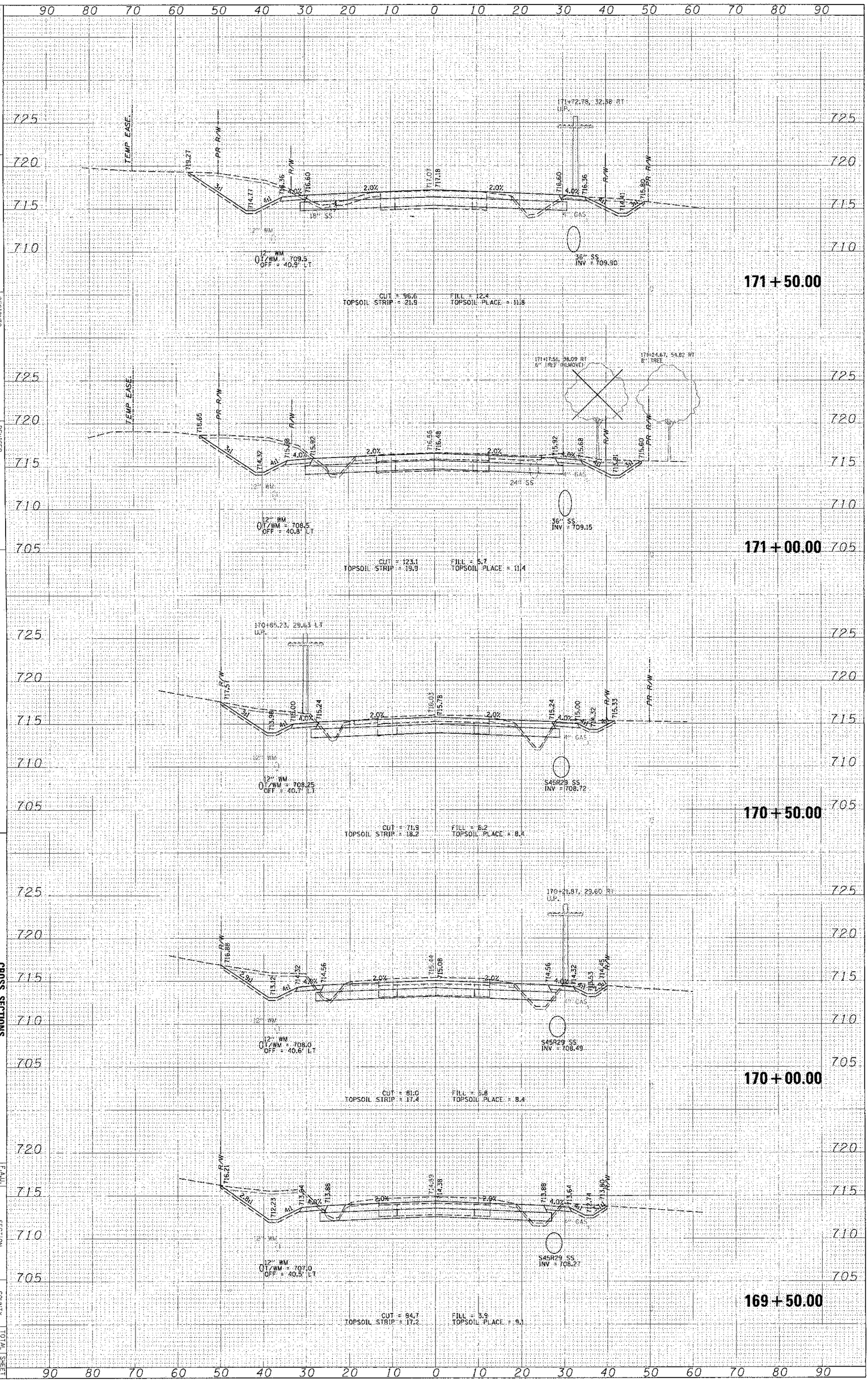
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	164

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766

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

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



FILE NAME = H:\CDOT\24229\Civil\LAY_WADS_FINAL_8.SHT

USER NAME = Manual

PLOT SCALE = 1:2

PLOT DATE = 11/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

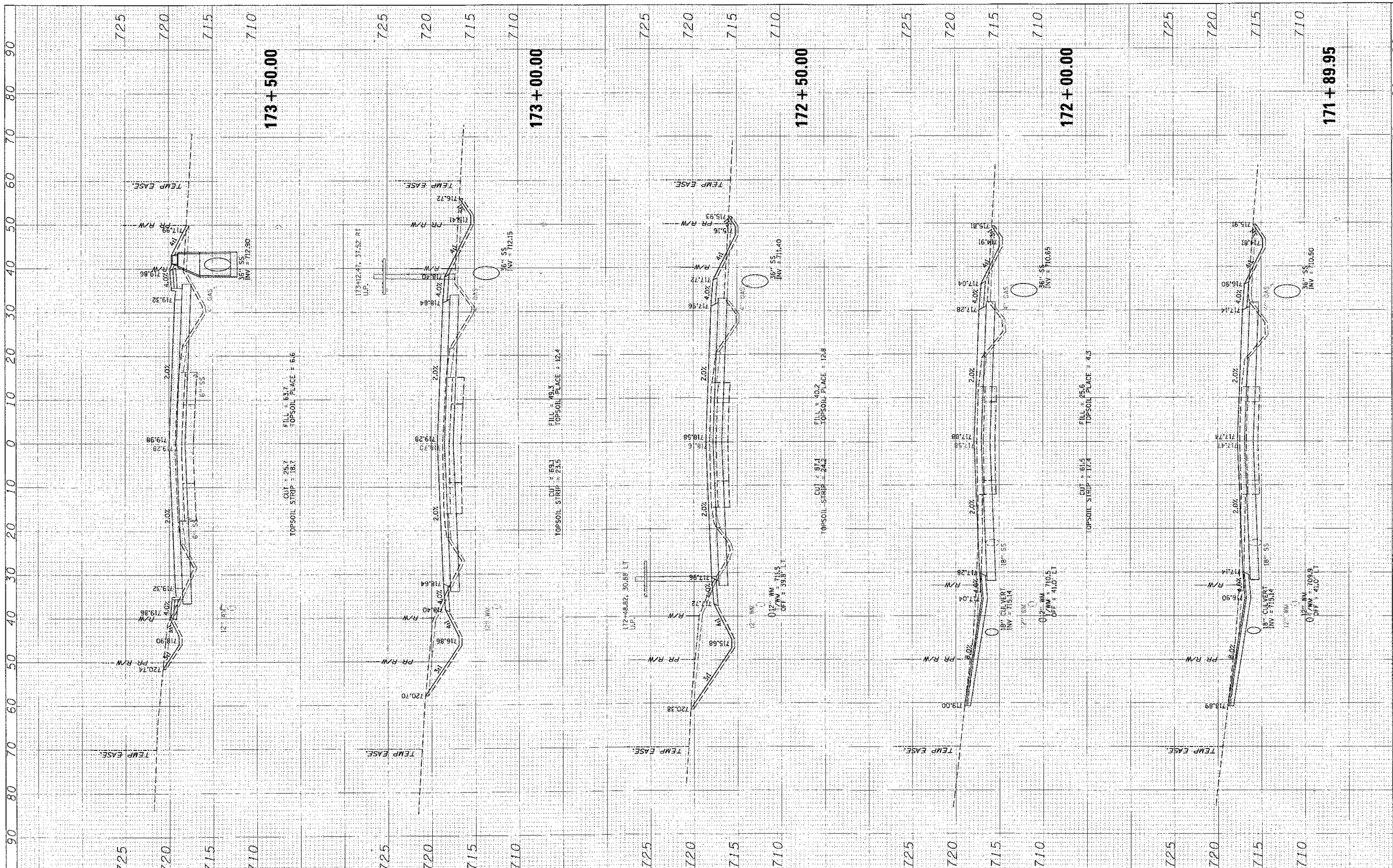
CROSS SECTIONS
WADSWORTH ROAD

SHEET NO. OF SHEETS STA. 169+50.00 TO STA. 171+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	165

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766



FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 171+89.95 TO STA. 173+50.00

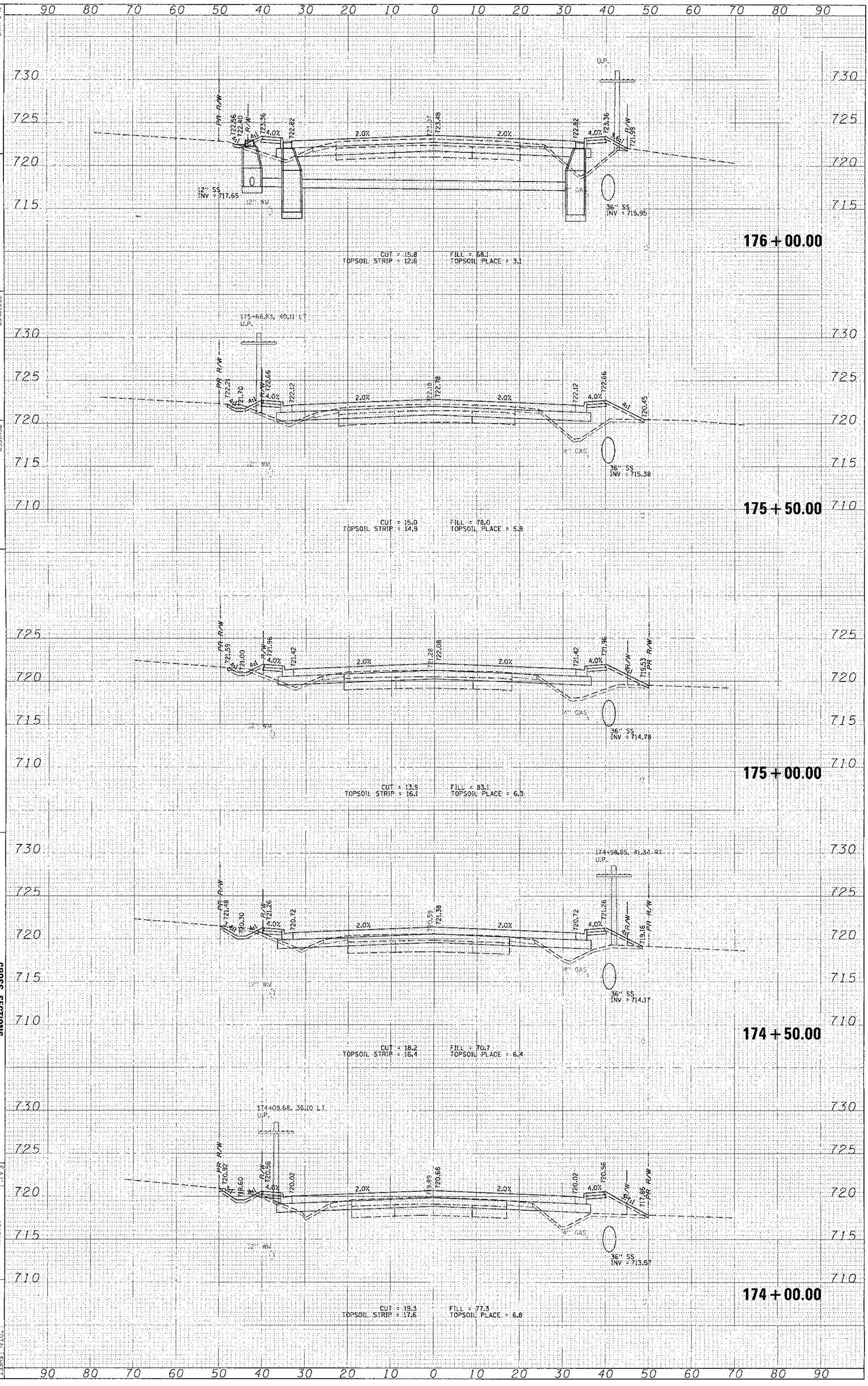
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	166

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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

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



FILE NAME = N:\LCDOT\04229\Civil\PX_WADS_FINAL_01.SHT

USER NAME = mmorel

PLOT SCALE = 10'

PLOT DATE = 11/13/2012

DESIGNED -
DRAWN -
CHECKED -
DATE

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

CROSS SECTIONS
WADSWORTH ROAD

SHEET NO. OF SHEETS : STA. 174+00.00 TO STA. 176+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	167

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766

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

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

177+50.00

177462.46, 40.61 RT
U.P.

177+49.36, 43.02 RT
U.P.

R/W

725.08
725.62
725.74
725.68
725.08
725.62
723.98
725.53

4.0%
2.0%
4.0%
4.0%

36" SS
INV = 718.62

18" SS

FILL = 20.8
TOPSOIL PLACE = 5.3

CUT = 31.0
TOPSOIL STRIP = 13.0

177+14.34

724.33
724.48
724.49
725.12
725.14
724.48
725.02
724.20

R/W

4.0%
2.0%
4.0%
4.0%

36" SS
INV = 718.10

18" SS

[177+35.14, 47.82 LT
U.P.

177+00.00

724.15
724.25
724.26
724.92
724.91
724.25
724.79
722.85
723.48

R/W

4.0%
2.0%
4.0%
4.0%

36" SS
INV = 717.86

18" SS

FILL = 33.6
TOPSOIL PLACE = 4.3

CUT = 26.5
TOPSOIL STRIP = 8.2

176+50.00

722.06
724.06
723.52
724.01
724.18
723.52

R/W

4.0%
2.0%
4.0%
4.0%

36" SS
INV = 717.04

18" SS

FILL = 24.6
TOPSOIL PLACE = 4.0

CUT = 32.1
TOPSOIL STRIP = 6.0

176+48.16

722.91
724.03
723.49
723.98
724.15
723.50
723.49

R/W

4.0%
2.0%
4.0%
4.0%

36" SS
INV = 717.01

18" SS

12" SS
INV = 717.65

15" SS

FILE NAME = N:\LCDOT\94229\C\pltXLAY_WADS_FINAL_01.SHT	USER NAME = mroell	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

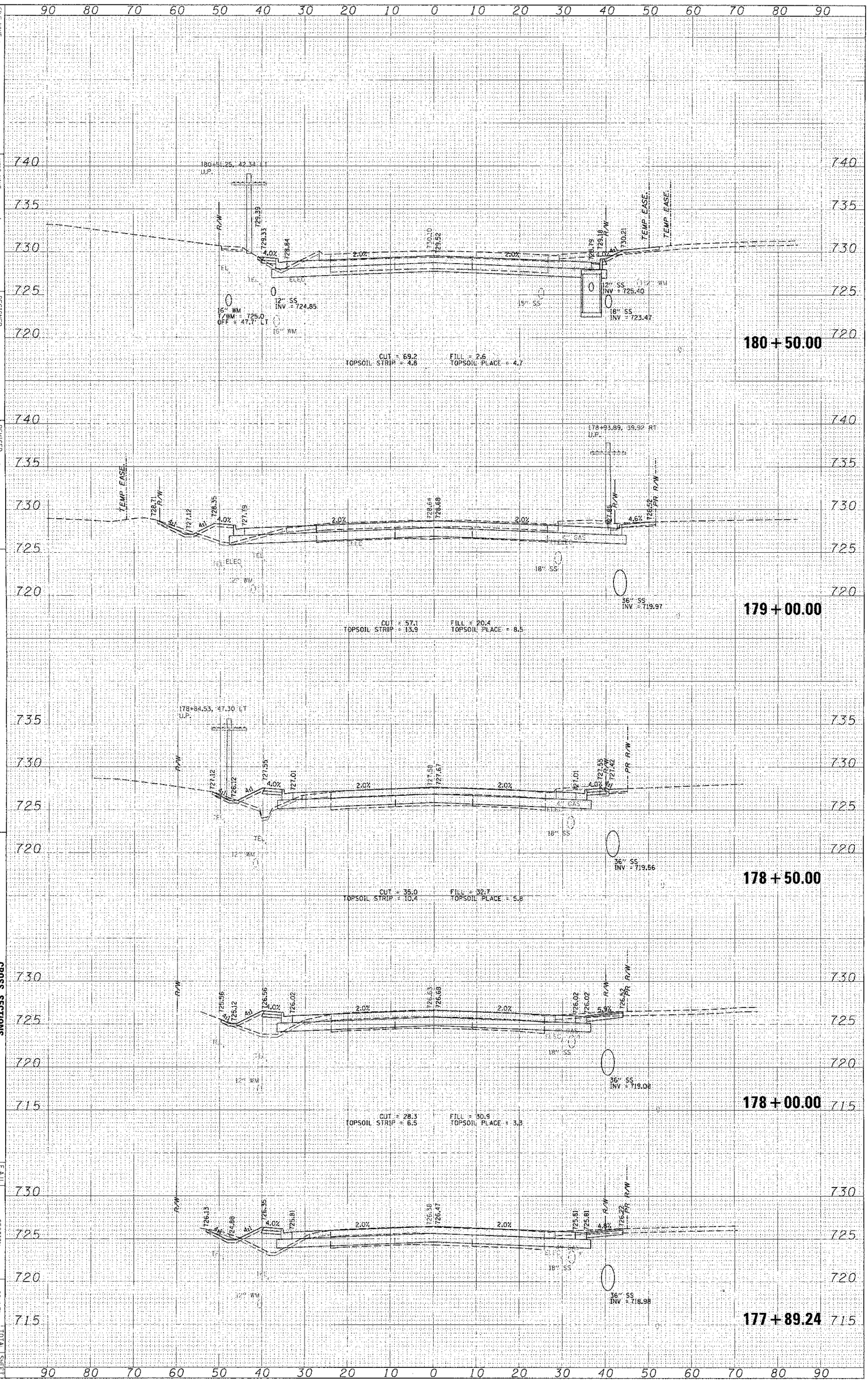
SCALE: | SHEET NO. OF SHEETS | STA. 176+48.16 TO STA. 177+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	168
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

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

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



FILE NAME = N:\CDOT\34229\Civil\LAY_WADS_FINAL_RLSHT

USER NAME = [illegible]

PLOT SCALE = 10'

PLOT DATE = 11/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

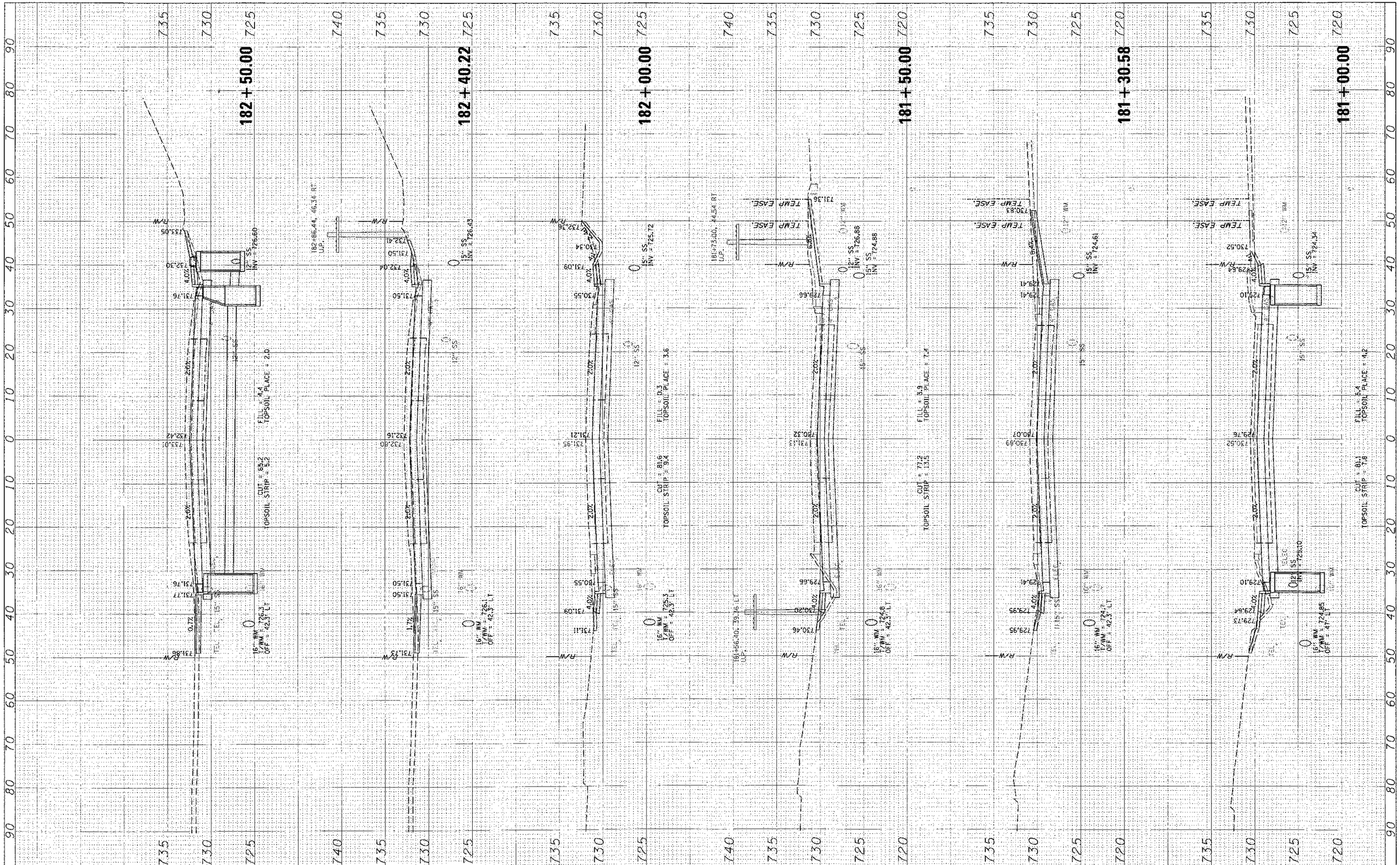
SCALE: 1

SHEET NO. OF SHEETS STA. 177+89.24 TO STA. 180+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	169

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766



FILE NAME = NM COOT\04229\Civil\LAY_WADS FINAL_01.SHT	USER NAME = mmarol	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WADSWORTH ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN	REVISED			1209	03-00033-12-CH	LAKE	189 / 170
	PLOT SCALE = 10'	CHECKED	REVISED					CONTRACT NO. 63766	
	PLOT DATE = 11/13/2012	DATE	REVISED		SCALE: SHEET NO. OF SHEETS STA. 181+00.00 TO STA. 182+50.00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
	AREAS CHECKED		

184 + 50.00

184+48.00, 47.14 RT
8" TREE

184+47.87, 46.86 RT
8" TREE

184+47.05, 45.86 RT
D.P.

737.36 R/W
735.58
735.22
735.68
737.08 R/W
735.34
737.59
4.40%
2.40%
12" SS
INV = 731.10
FILL = 0.0
TOPSOIL PLACE = 4.7
CUT = 147.0
TOPSOIL STRIP = 11.8
16" WM
T/WM = 731.2
OFF = 42.3' LT

738.48 R/W
735.57
735.03
738.13 R/W
736.83
735.69
4.40%
2.40%
12" SS
INV = 730.06
FILL = 0.0
TOPSOIL PLACE = 6.8
CUT = 128.9
TOPSOIL STRIP = 14.3
16" WM
T/WM = 730.2
OFF = 42.3' LT

184 + 00.00

183 + 63.00

738.56 R/W
734.95
734.41
737.79 R/W
735.07
736.02
4.40%
2.40%
12" SS
INV = 729.26
FILL = 0.0
TOPSOIL PLACE = 6.8
16" WM
T/WM = 728.46
OFF = 42.3' LT

737.98 R/W
734.71
734.17
737.50 R/W
735.73
736.83
4.40%
2.40%
12" SS
INV = 728.97
FILL = 0.6
TOPSOIL PLACE = 6.8
CUT = 130.9
TOPSOIL STRIP = 14.6
16" WM
T/WM = 728.45
OFF = 42.3' LT

183 + 50.00

737.38 R/W
733.61
733.07
734.70 R/W
733.73
734.33
4.40%
2.40%
12" SS
INV = 727.89
FILL = 1.9
TOPSOIL PLACE = 3.6
CUT = 73.4
TOPSOIL STRIP = 10.2
16" WM
T/WM = 728.2
OFF = 42.3' LT

183 + 00.00

FILE NAME =	USER NAME = cvanal	DESIGNED -	REVISED -
N:_CDOT\84229\Civil\LAY_WADS_FINAL_01.sht		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 183+00.00 TO STA. 184+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	171
		CONTRACT NO. 63766		

FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT

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

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

186 + 82.01 | **186 + 50.00** | **186 + 00.00** | **185 + 65.73** | **185 + 50.00** | **185 + 44.98** | **185 + 00.00**

FILE NAME = N:\IDOT\94229\Civil\LAY_WADS_FINAL_01.SHT	USER NAME = nmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 185+00.00 TO STA. 186+82.01

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	172
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

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

188 + 74.44

188 + 50.00

188 + 28.10

188 + 00.00

187 + 50.00

187 + 00.00

FILE NAME = N:\LCDOT\84229\Civil\LAY_WADS_FINAL_01.SHT	USER NAME = ncrel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 187+00.00 TO STA. 188+74.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	173
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

190 + 53.40

190 + 50.00

190 + 03.40

190 + 00.00

189 + 85.00

189 + 50.00

189 + 00.00

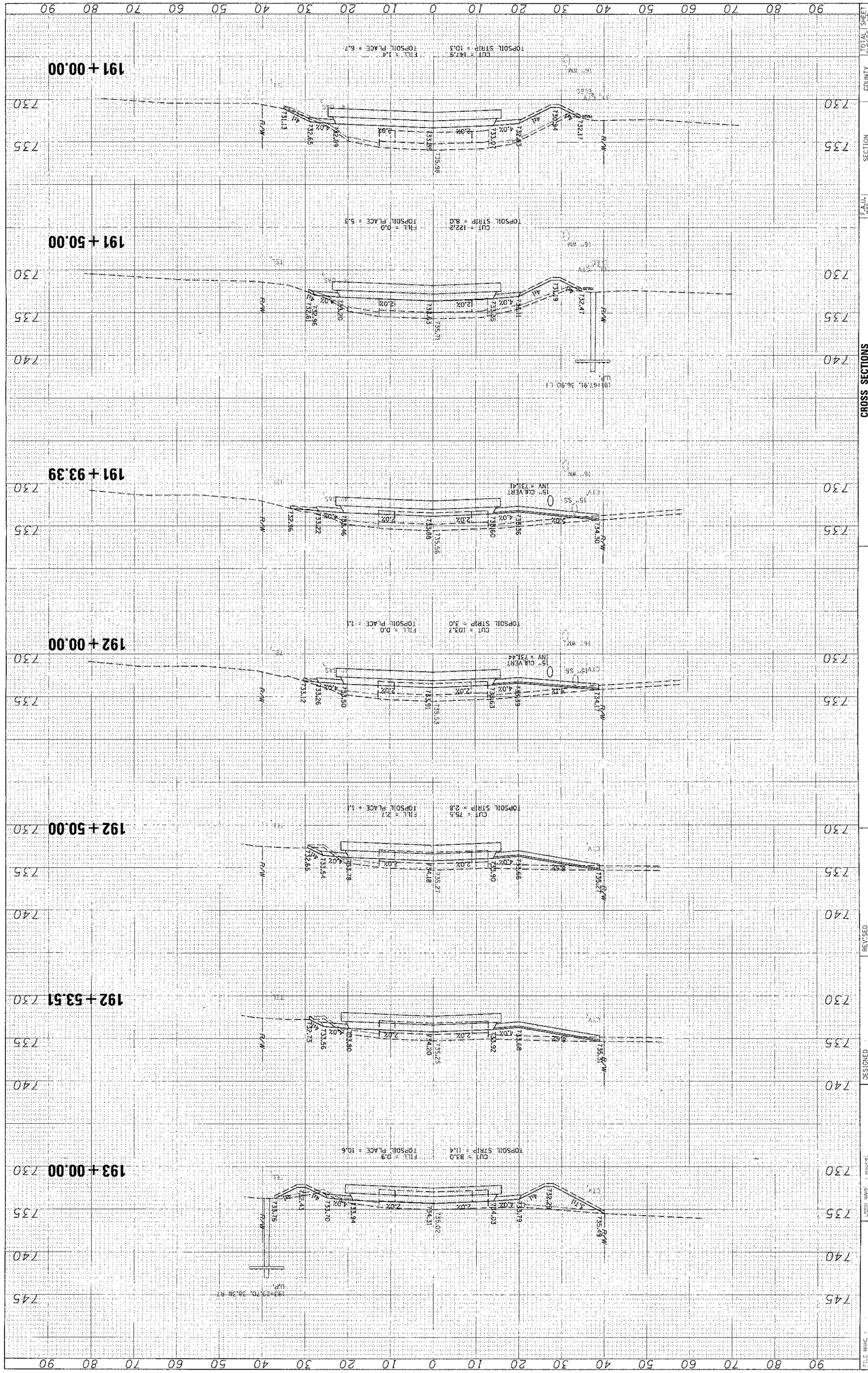
FILE NAME = \\ALCDOT\04229\Civil\LAY_WADS_FINAL_01.SHT	USER NAME = mmorel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 189+00.00 TO STA. 190+53.40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	174
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



CROSS SECTIONS
WADSWORTH ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOTAL SHEETS	SHEET NO.
189	175

COUNTY: LAKE
CONTRACT NO. 63766

F.A.U. RTE.	SECTION	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
1209	03-00033-12-CH			

SCALE: | SHEET NO. OF SHEETS | STA. 191+00.00 | TO STA. 193+00.00

DESIGNED	REVISED
DRAWN	REVISED
CHECKED	REVISED
DATE	REVISED

USER NAME = mwood
PLOT SCALE = 10
PLOT DATE = 11/13/2019

FILE NAME = N:\LCD01\W4269\Cross\Sh_01_WADS.PRoM 01.DGN

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

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

195+98.95

195+50.00

195+19.78

195+00.00

194+50.00

194+00.00

193+50.00

FILE NAME = M:\LD\DOT\94229\Civil\LAY WADS_FINAL_21.SHT	USER NAME = mbarol	DESIGNED	REVISED
		DRAWN	REVISED
	PLOT SCALE = 1W = 1'	CHECKED	REVISED
	PLOT DATE = 11/13/2012	DATE	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WADSWORTH ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 193+50.00 TO STA. 195+98.95

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-GH	LAKE	189	176
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT			

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

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

FILE NAME = N:\LCDOT\424259\Work\Lay Files\LAY1.dgn

USER NAME = mmurphy

P.U.P. SCALE: 1" = 10'

P.U.P. DATE: 11/19/2012

DESIGNED -

DRAWN -

CHECKED -

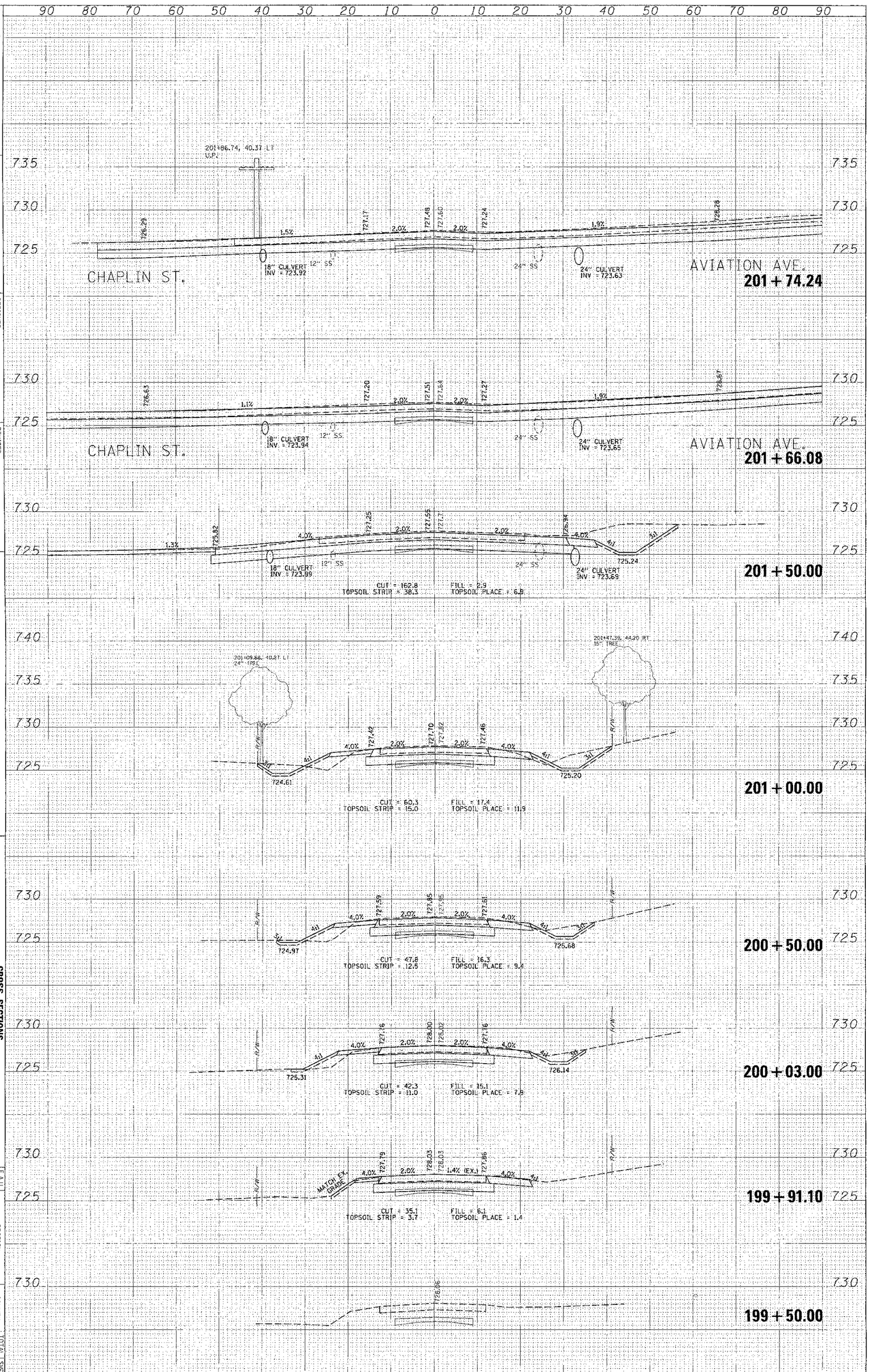
DATE -

REVISED -

REVISED -

REVISED -

REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

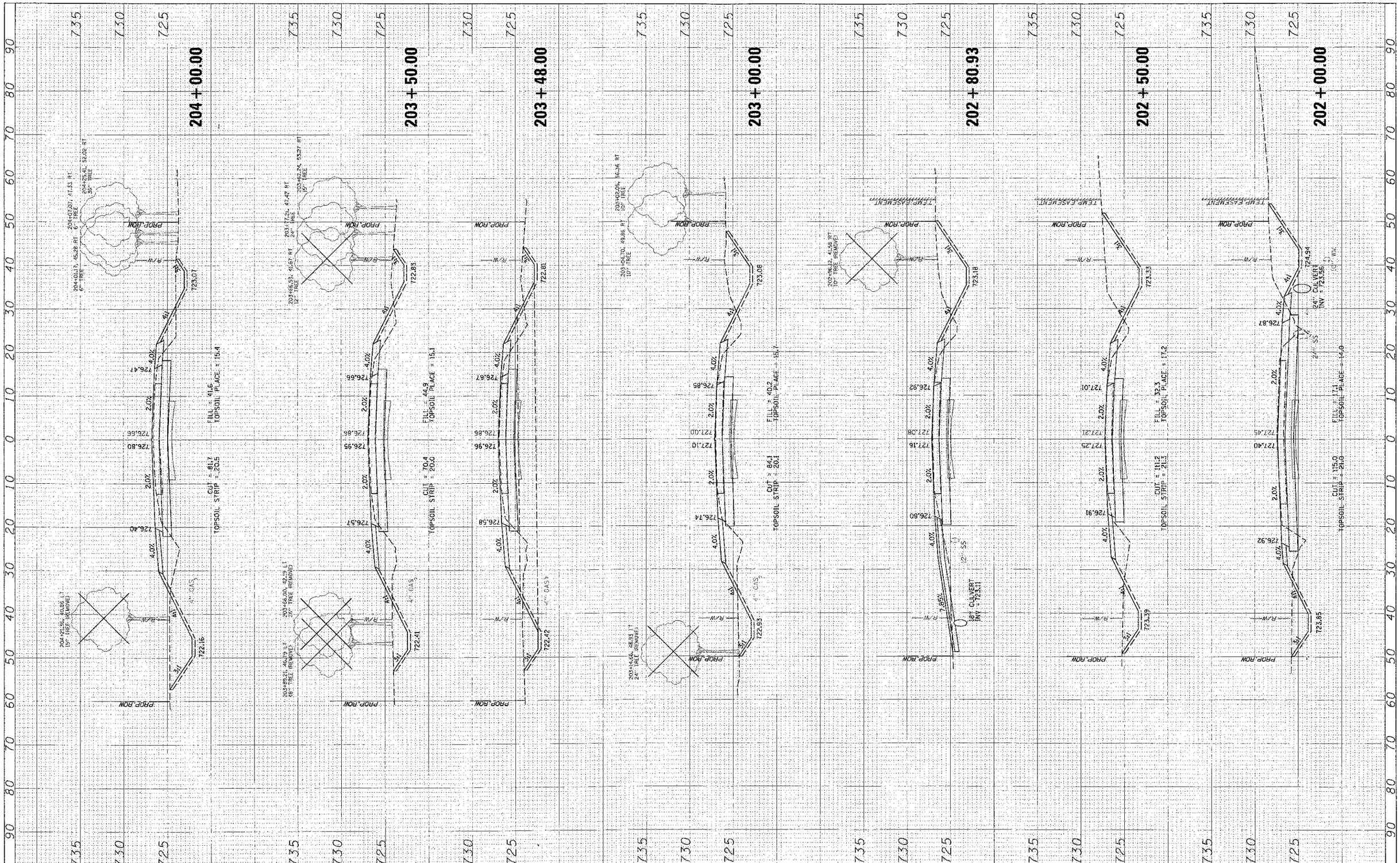
SCALE: 1"

SHEET NO. OF SHEETS STA. 199+50.00 TO STA. 201+74.24

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	177

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766



FILE NAME = N:\LCDOT\X4229\Civil\LAY_RTE13_01.SHT	USER NAME = mmorel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS GREEN BAY ROAD	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189	SHEET NO. 178
		DRAWN -	REVISED -							
	PLOT SCALE = 10'	CHECKED -	REVISED -					CONTRACT NO. 63766		
	PLOT DATE = 11/13/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 202+00.00 TO STA. 204+00.00	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			

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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

206+08.89

206+80.72, 53.62 RT
12" TREE

206+14.28, 57.55 LT
12" TREE

PROP ROW
TEMP EASEMENT
PROP ROW
R/W
4:1
4:1
4.0%
726.08
2.0%
726.57
726.48
2.0%
726.08
2.0%
10.0%
15" SS
4" GAS
18" CULVERT
INV. = 724.50
721.12

206+00.00

205+99.91, 57.89 LT
12" TREE
206+01.45, 52.27 LT
10" TREE (REMOVE)
PROP ROW
TEMP EASEMENT
PROP ROW
R/W
4:1
4:1
4.0%
726.06
2.0%
726.54
726.44
2.0%
726.06
4.0%
10.0%
7.1%
15" SS
4" GAS
18" CULVERT
INV. = 724.47
721.16

CUT = 96.0
TOPSOIL STRIP = 22.7
FILL = 37.2
TOPSOIL PLACE = 8.2

205+50.00

205+57.45, 58.90 RT
60" TREE
205+90.21, 53.19 RT
10" TREE
205+54.60, 50.36 LT
8" TREE (REMOVE)
205+77.50, 46.57 LT
8" TREE (REMOVE)
205+55.81, 56.30 LT
12" TREE
205+89.31, 58.58 LT
12" TREE
205+67.56, 46.95 LT
54" TREE (REMOVE)
205+52.74, 59.16 LT
8" TREE
205+76.15, 42.31 LT
10" TREE (REMOVE)
PROP ROW
TEMP EASEMENT
PROP ROW
R/W
4:1
4:1
4.0%
725.98
2.0%
726.44
726.36
2.0%
725.99
4.0%
3:1
3:1
724.31
721.41
4" GAS

CUT = 136.9
TOPSOIL STRIP = 25.0
FILL = 36.7
TOPSOIL PLACE = 17.8

205+00.00

205+06.13, 45.25 RT
48" TREE (REMOVE)
205+35.35, 51.25 RT
10" TREE
205+43.48, 61.04 RT
12" TREE
205+11.79, 57.80 LT
12" TREE
205+25.81, 56.02 LT
10" TREE (REMOVE)
205+01.40, 58.95 LT
8" TREE
205+31.28, 55.02 LT
12" TREE (REMOVE)
205+43.14, 62.58 LT
10" TREE
205+18.60, 54.30 LT
12" TREE (REMOVE)
205+00.90, 37.45 LT
10" TREE (REMOVE)
PROP ROW
TEMP EASEMENT
PROP ROW
R/W
4:1
4:1
4.0%
726.06
2.0%
726.50
726.35
2.0%
726.10
4.0%
3:1
3:1
723.81
721.66
4" GAS

CUT = 146.6
TOPSOIL STRIP = 24.9
FILL = 37.2
TOPSOIL PLACE = 18.0

204+50.00

204+98.18, 46.60 LT
36" TREE (REMOVE)
204+60.46, 41.61 LT
12" TREE
204+56.55, 44.04 RT
10" TREE
204+01.72, 47.38 RT
10" TREE
204+57.93, 52.49 RT
18" TREE
PROP ROW
R/W
1.25%
4.0%
726.23
2.0%
726.65
726.48
2.0%
726.29
4.0%
4:1
3:1
PROP ROW
723.32
24" CULVERT
INV. = 721.91
4" GAS
15" SS

CUT = 81.9
TOPSOIL STRIP = 8.1
FILL = 18.3
TOPSOIL PLACE = 7.1

204+46.51

PROP ROW
R/W
1.25%
4.0%
726.24
2.0%
726.66
726.49
2.0%
726.30
4.0%
4:1
3:1
PROP ROW
723.30
24" CULVERT
INV. = 721.93
4" GAS
15" SS

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

SCALE:	
SHEET NO.	OF SHEETS
STA. 204+46.51	TO STA. 206+08.89

F.A.U. RTE.	1209
SECTION	03-00033-12-CH
COUNTY	LAKE
CONTRACT NO.	63766
TOTAL SHEETS	189
SHEET NO.	179

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

FINAL SURVEY	
NOTE BOOK	
NO.	ARE AS CHECKED

	BY	DATE
SURVEYED		
PLOTTED		
TEMP. °F		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

209 + 00.00

208 + 50.00

208 + 00.00

207 + 50.00

207 + 00.00

206 + 50.00

TEMP. EASEMENT

PROP. ROW

R/W

3H:1V

4H:1V

4.0%

2.0%

729.18

729.34

726.34

FILL = 23.6
TOPSOIL PLACE = 15.1
CUT = 126.4
TOPSOIL STRIP = 24.4

729.83

729.21

127.00

729.17

728.64

728.56

726.96

FILL = 40.2
TOPSOIL PLACE = 15.2
CUT = 112.3
TOPSOIL STRIP = 26.04

6" SS

4" GAS

728.58

726.00

728.49

727.92

724.50

15" CULVERT
INV = 725.56

FILL = 50.0
TOPSOIL PLACE = 8.4
CUT = 90.6
TOPSOIL STRIP = 22.14

727.26

724.37

723.02

727.81

727.57

FILL = 17.7
TOPSOIL PLACE = 15.8
CUT = 86.1
TOPSOIL STRIP = 26.3

207+11.24, 46.64 RT
40" TREE (REMOVE)

207+19.72, 45.46 RT
48" TREE (REMOVE)

727.22

726.69

724.80

FILL = 79.3
TOPSOIL PLACE = 16.3
CUT = 83.7
TOPSOIL STRIP = 25.8

206+24.86, 53.25 LT
8" TREE (REMOVE)

207+05.95, 53.46 LT
6" TREE (REMOVE)

206+48.90, 46.89 LT
48" TREE (REMOVE)

206+60.80, 46.15 LT
32" TREE (REMOVE)

726.80

726.29

724.64

FILL = 53.7
TOPSOIL PLACE = 16.4
CUT = 98.0
TOPSOIL STRIP = 25.4

720.66

720.91

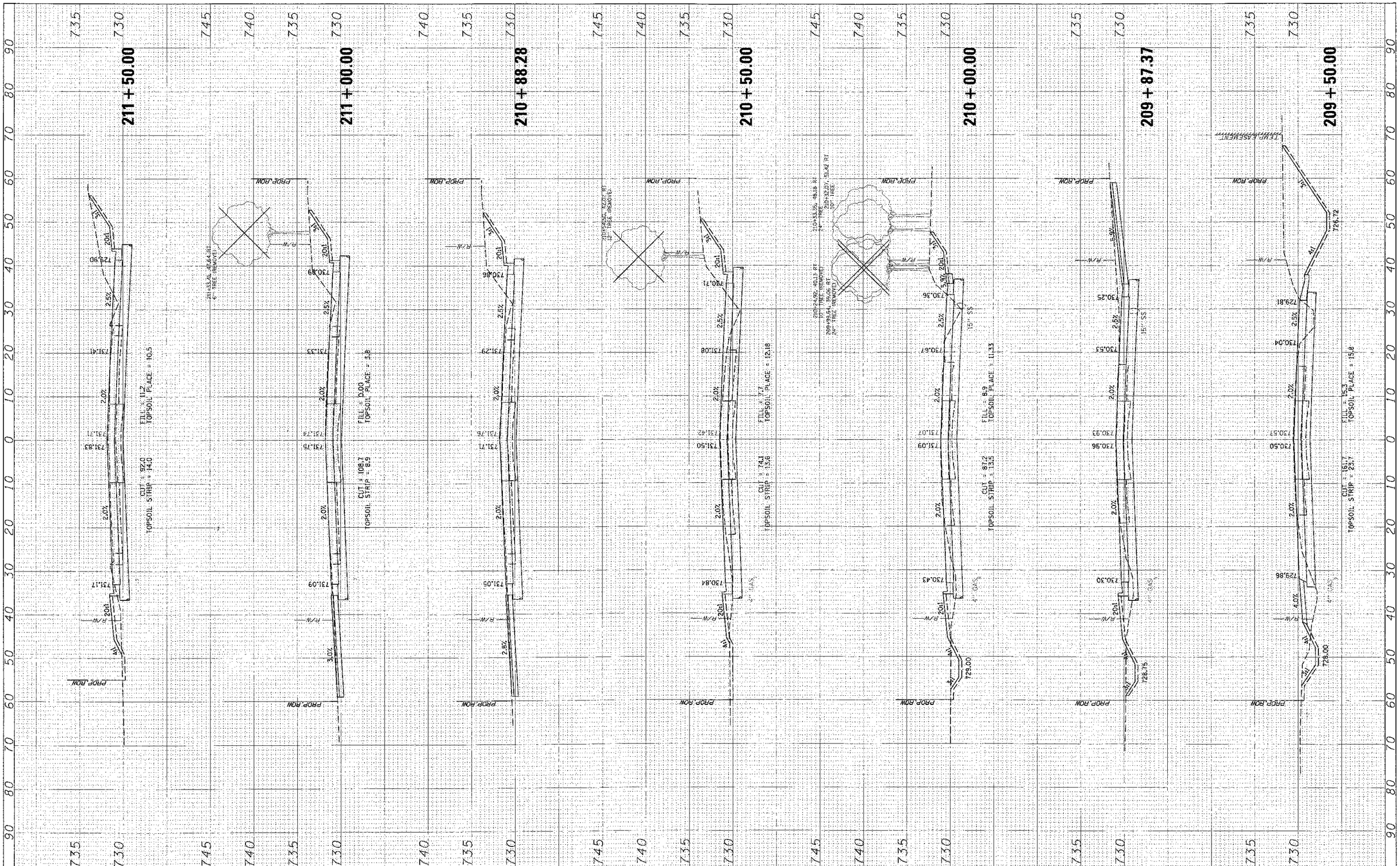
FILE NAME =	USER NAME = cmorel	DESIGNED -	REVISED -
N:\CDOT\24229\Civil\Ay RTE131_01.SHT		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

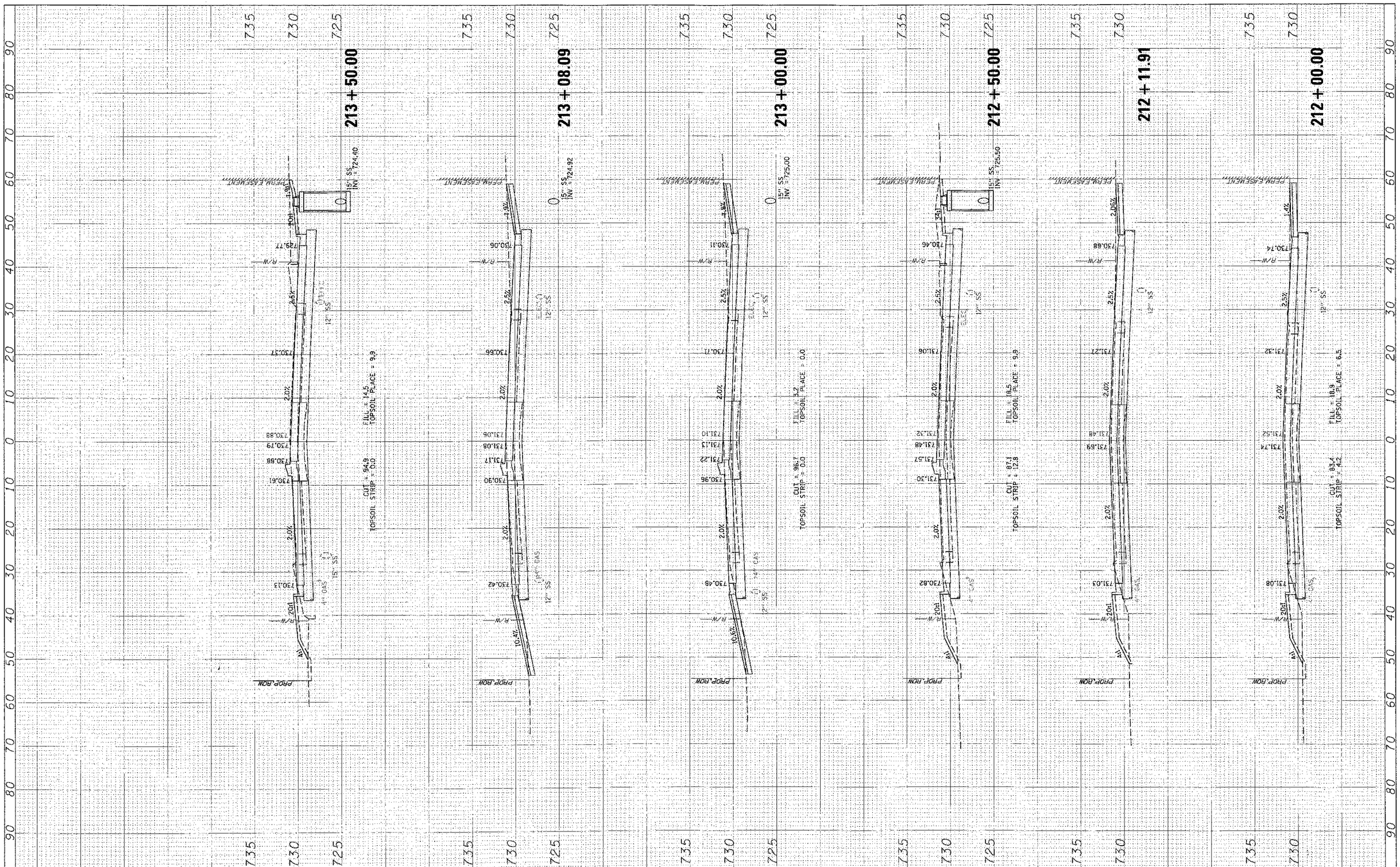
CROSS SECTIONS
GREEN BAY ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 206+50.00 TO STA. 209+00.00

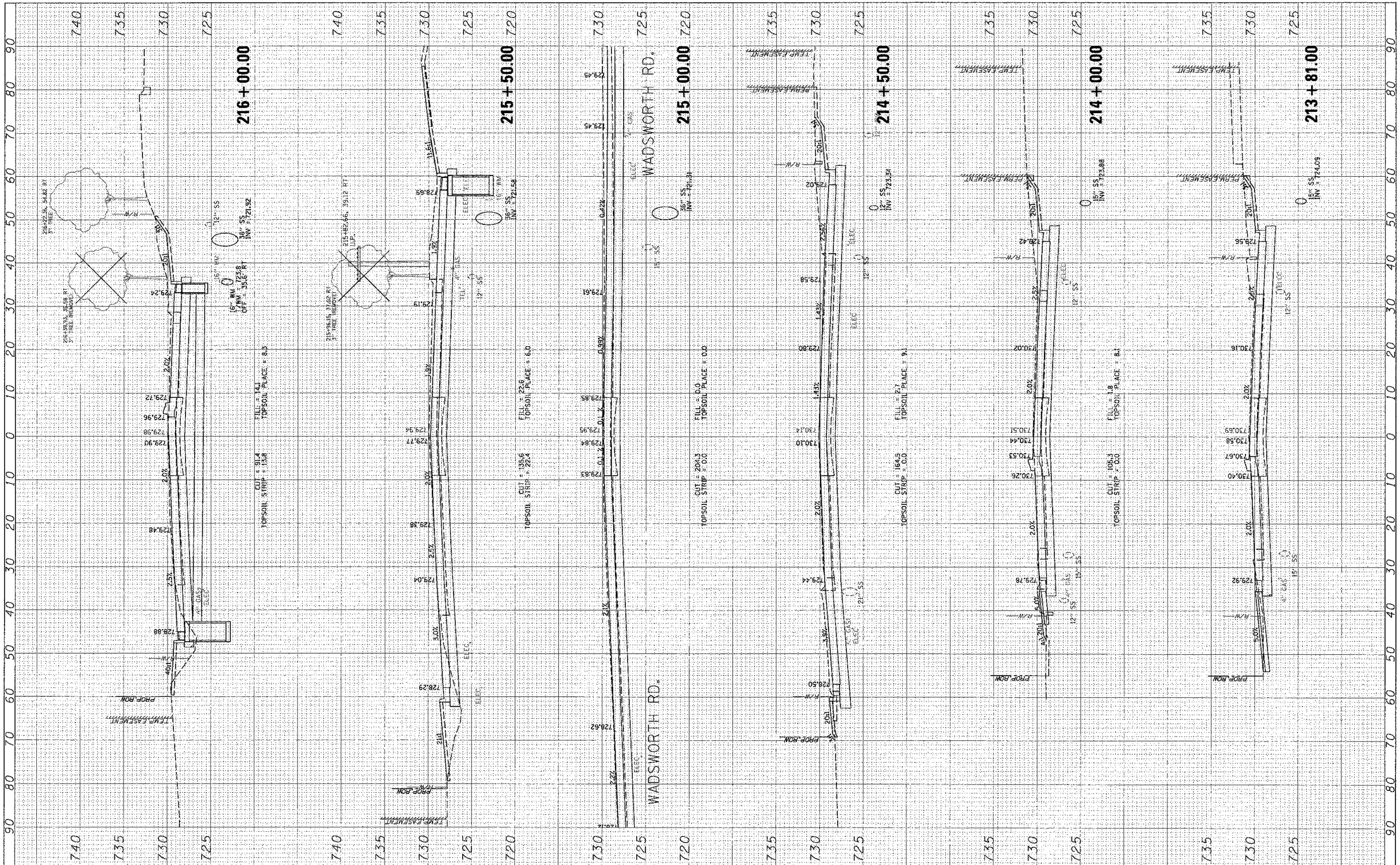
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	180
		CONTRACT NO. 63766		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = N:\LCOOT\04229\Civil\LAY_RTE131_01.SHT	USER NAME = nmoral	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS GREEN BAY ROAD	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189 / SHEET NO. 181
		DRAWN -	REVISED -					CONTRACT NO. 63766	
	PLOT SCALE = 10'	CHECKED -	REVISED -						
	PLOT DATE = 11/01/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 209+50.00 TO STA. 211+50.00	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT		



FILE NAME - N:\LCDOT\04229\Civil\LAY_RTE131_01.SHT	USER NAME = rmorel	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS GREEN BAY ROAD	F.A.U. RTE. 1209	SECTION 03-00033-12-CH	COUNTY LAKE	TOTAL SHEETS 189 / SHEET NO. 182
	PLOT SCALE = 10'	DRAWN	REVISED					CONTRACT NO. 63766	
	PLOT DATE = 11/13/2012	CHECKED	REVISED		SCALE: SHEET NO. OF SHEETS STA. 212+00.00 TO STA. 213+50.00	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	
		DATE	REVISED						



FILE NAME =	USER NAME = nmorel	DESIGNED -	REVISED -
N:\LCDOT\04229\Civil\LAY_RTE131_01.SHT		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
	PLOT DATE = 1/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

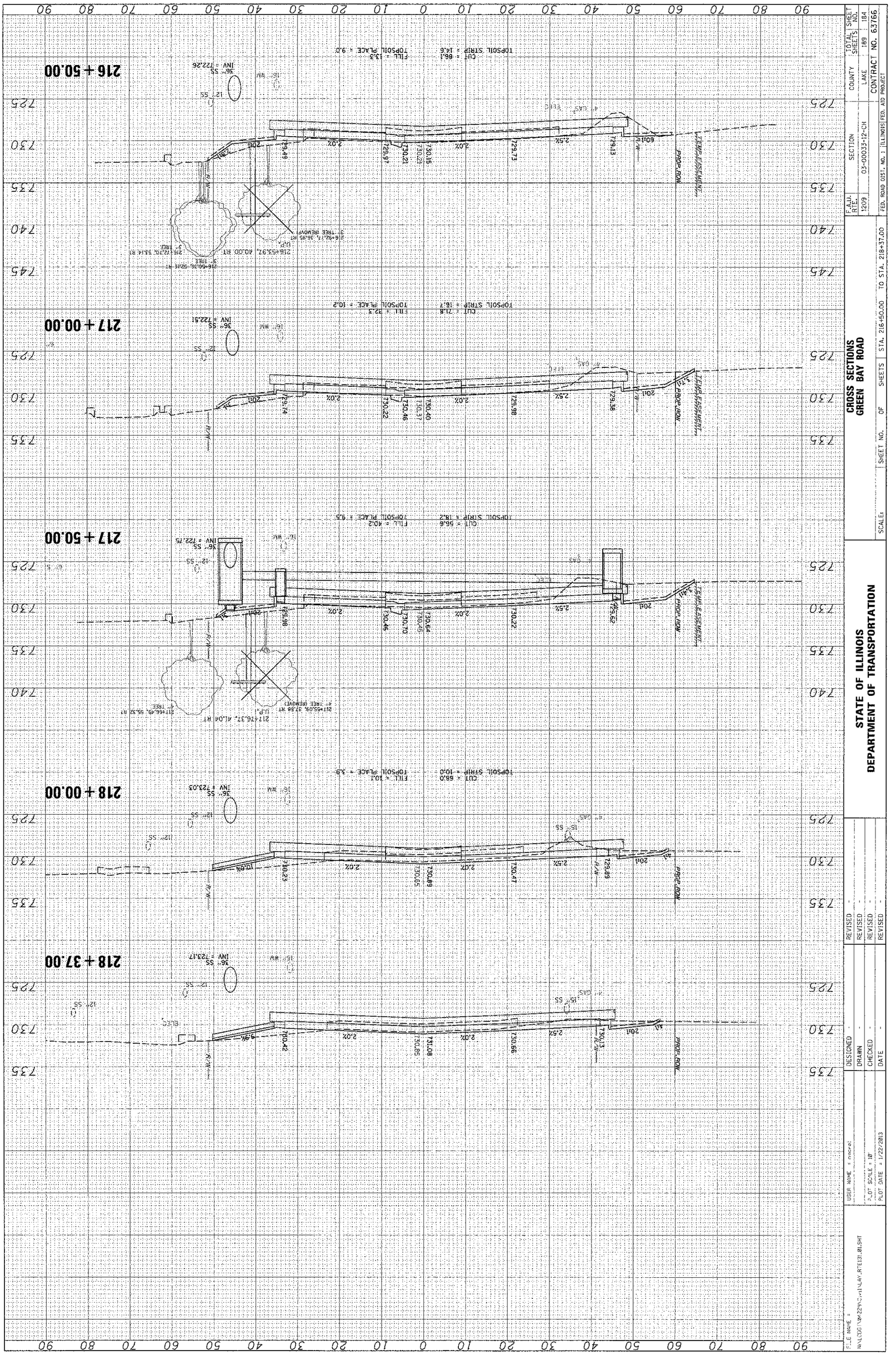
CROSS SECTIONS
GREEN BAY ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 213+81.00 TO STA. 216+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	183

CONTRACT NO. 63766

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



CROSS SECTIONS
GREEN BAY ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: | SHEET NO. OF SHEETS | STA. 216+50.00 | TO STA. 218+37.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
1209	03-00033-12-CH	LAKE	189 184
		CONTRACT NO. 63766	
FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT		

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

USER NAME = s.meyer
PLOT SCALE = 10' / 1 in.
PLOT DATE = 1/22/2013

FILE NAME = N:\LDD\Work\2014\Civil\Layouts\E1381.01.SHT

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

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

FINAL SURVEY NOT USED

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NOTE BOOK

SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

220+50.00

220+68.74, 41.55' RT
24" TREE (REMOVE)

PROP. ROW
4:1
4.0%
729.76
TEL
131.72
2.0%
132.36
132.72
FILL = 1.9
TOPSOIL PLACE = 10.1
36" WW

220+00.00

PROP. ROW
0.5%
R/W
2.0%
131.29
18" SS
TEL
132.15
CUT = 126.9
TOPSOIL STRIP = 21.9
30" SS
INV = 724.23
FILL = 3.6
TOPSOIL PLACE = 7.5
36" WW

219+58.78

219+63.83, 37.57' RT
U.P.
PROP. ROW
4:1
R/W
2.0%
6.3%
731.03
18" SS
731.76
731.69
CUT = 94.0
TOPSOIL STRIP = 11.8
30" SS
INV = 724.13
FILL = 0.0
TOPSOIL PLACE = 0.0
36" WW

219+50.00

PROP. ROW
R/W
6.3%
6" SS
730.98
18" SS
731.63
731.64
30" SS
INV = 724.11
FILL = 0.0
TOPSOIL PLACE = 0.0
36" WW

219+00.00

PROP. ROW
4:1
729.27
R/W
2.0%
730.73
731.21
731.39
CUT = 174.1
TOPSOIL STRIP = 0.0
30" SS
INV = 723.99
FILL = 21.8
TOPSOIL PLACE = 4.4
36" WW

218+50.00

218+65.62, 48.26' RT
24" TREE (REMOVE)
216+61.11, 39.47' RT
U.P.
R/W
4:1
2.0%
730.48
731.14
731.92
CUT = 68.4
TOPSOIL STRIP = 7.7
12" SS
15" SS
30" SS
INV = 723.32
FILL = 8.3
TOPSOIL PLACE = 6.4
36" WW

731.67
731.91
731.53
731.22
730.91
730.85
730.53
730.97
730.72
730.21
731.27
731.22
2.5%
2.9%
2.8%
4" GAS
18" SS
4.0%
3:1
729.35
730.00
218+74.40, 55.15' LT
U.P.

PROP. ROW

FILE NAME =	USER NAME = (name)	DESIGNED -	REVISED -
N:\CSDOT\04229\Civil\PLAY_RTEJ31_01.SHT		DRAWN -	REVISED -
	PLOT SCALE = 1.0'	CHECKED -	REVISED -
	PLOT DATE = 11/13/2012	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

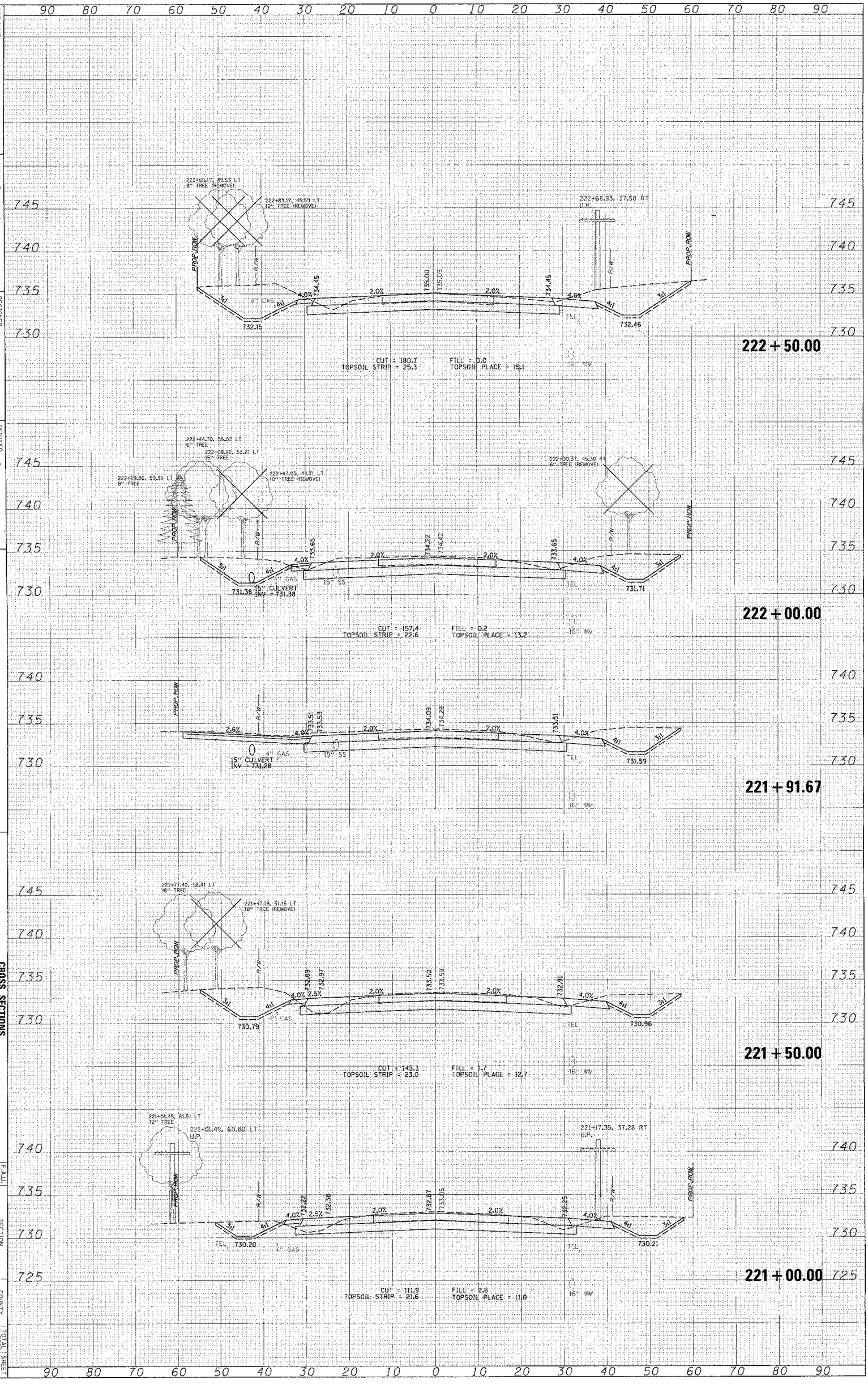
CROSS SECTIONS
GREEN BAY ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 218+50.00 TO STA. 220+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	185
		CONTRACT NO. 63766		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

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



FILE NAME = N:\CCDU\24229\C...\LAY RTS\ILLINOIS

USER NAME = nmoral

PLOT SCALE = 10'

PLOT DATE = 11/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

SHEET NO. OF SHEETS | STA. 221+00.00 TO STA. 222+50.00

CROSS SECTIONS
GREEN BAY ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	03-00033-12-CH	LAKE	189	186

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766

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

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

FILE NAME = c:\projects\63766\plan\xsect\63766_xsect.dgn

USER NAME = rhowe

PLOT SCALE = 10' / INCH

PLOT DATE = 11/13/2012

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

SHEET NO. OF SHEETS STA. 223+00.00 TO STA. 225+50.00

GROSS SECTIONS
GREEN BAY ROAD

F.A.U. RTE. 1209

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

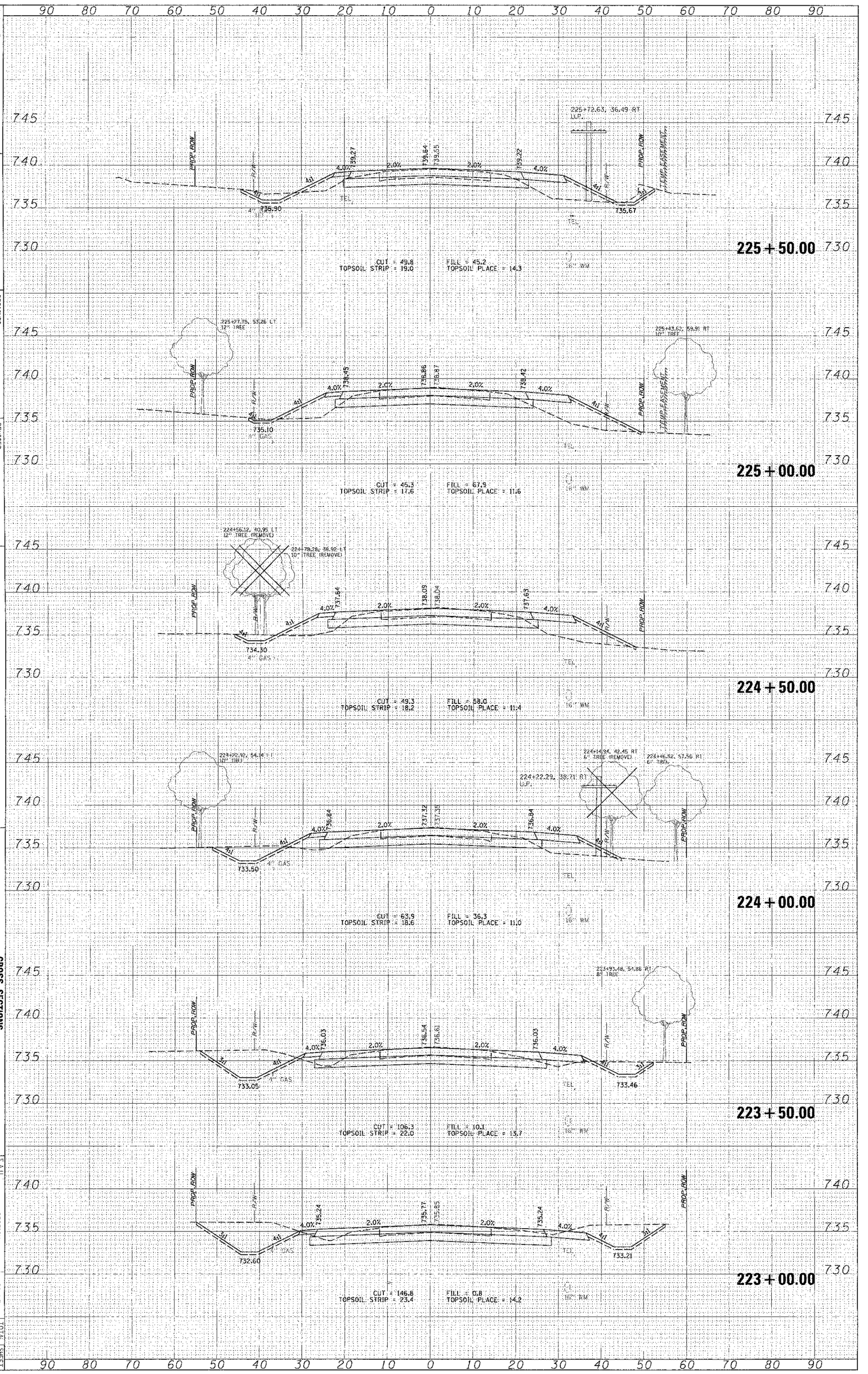
SECTION 03-00033-12-CH

COUNTY LAKE

CONTRACT NO. 63766

TOTAL SHEETS 189

SHEET NO. 187



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

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

FILE NAME = N:\LCDOT\242PA\civil\LAY_ARTS\L_BRSH1

USER NAME = mrcruz

PLOT SCALE = 10'

PLOT DATE = 11/13/2012

DESIGNED

DRAWN

CHECKED

DATE

REVISED

REVISED

REVISED

REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
GREEN BAY ROAD

SCALE: 1"=10' H, 1"=10' V

SHEET NO. OF SHEETS STA. 226+00.00 TO STA. 228+00.00

F.A.U. RTE. 1209

SECTION 03-00033-12-CH

COUNTY LAKE

CONTRACT NO. 63766

TOTAL SHEETS 189

SHEET NO. 188

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

745
740

PROP. ROW
R/W
3:1
4:1
4.0%
742.60
2.0%
742.84
742.85
2.0%
742.52
0.5%
742.42
4.0%
6.0%
740.12
12" SS
18" CULVERT
INV = 739.80
16" WM

CUT = 91.4
TOPSOIL STRIP = 13.8
FILL = 7.1
TOPSOIL PLACE = 7.2

228 + 00.00

750
745
740
735

227+84.70, 51.70 RT
30" TREE
PROP. ROW
R/W
3:1
4:1
4.0%
742.20
2.0%
742.44
742.59
2.0%
742.10
4.0%
739.24
739.39
16" WM

CUT = 106.9
TOPSOIL STRIP = 13.4
FILL = 15.2
TOPSOIL PLACE = 15.8

227 + 50.00

750
745
740
735

227+22.89, 58.67 LT
U.P.
227+23.95, 35.93 RT
U.P.
PROP. ROW
R/W
3:1
4:1
4.0%
741.63
2.0%
741.88
741.92
2.0%
741.52
4.0%
738.37
738.61
GAS
TEL
16" WM

CUT = 100.0
TOPSOIL STRIP = 19.8
FILL = 15.2
TOPSOIL PLACE = 15.8

227 + 00.00

750
745
740
735

226+93.13, 46.81 RT
24" TREE
226+97.20, 51.24 RT
18" TREE
PROP. ROW
R/W
3:1
4:1
4.0%
740.89
2.0%
741.18
741.21
2.0%
740.80
4.0%
737.50
737.84
TEL
16" WM

CUT = 79.4
TOPSOIL STRIP = 18.7
FILL = 18.4
TOPSOIL PLACE = 14.7

226 + 50.00

745
740
735

PROP. ROW
R/W
172.61'
0.9%
4.0%
740.30
2.0%
740.62
740.47
2.0%
740.22
4.0%
9.9%
GAS
TEL
15" SS
15" CULVERT
INV = 736.92
15" SS
TEL
15" CULVERT
INV = 736.97
16" WM

226 + 13.57

745
740
735

PROP. ROW
R/W
0.6%
4.0%
740.08
2.0%
740.41
740.33
2.0%
740.01
4.0%
3:1
GAS
TEL
15" SS
15" CULVERT
INV = 736.78
15" SS
TEL
736.76
15" CULVERT
INV = 736.76
16" WM

CUT = 60.8
TOPSOIL STRIP = 7.3
FILL = 20.4
TOPSOIL PLACE = 6.3

226 + 00.00

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

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

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

FILE NAME = N:\CDOT\04229\Civil\LAY RTFIN 01.SH

USER NAME = mmorel

PLOT SCALE = 10'

PLOT DATE = 11/13/2012

DESIGNED

DRAWN

CHECKED

DATE

REVISED

REVISED

REVISED

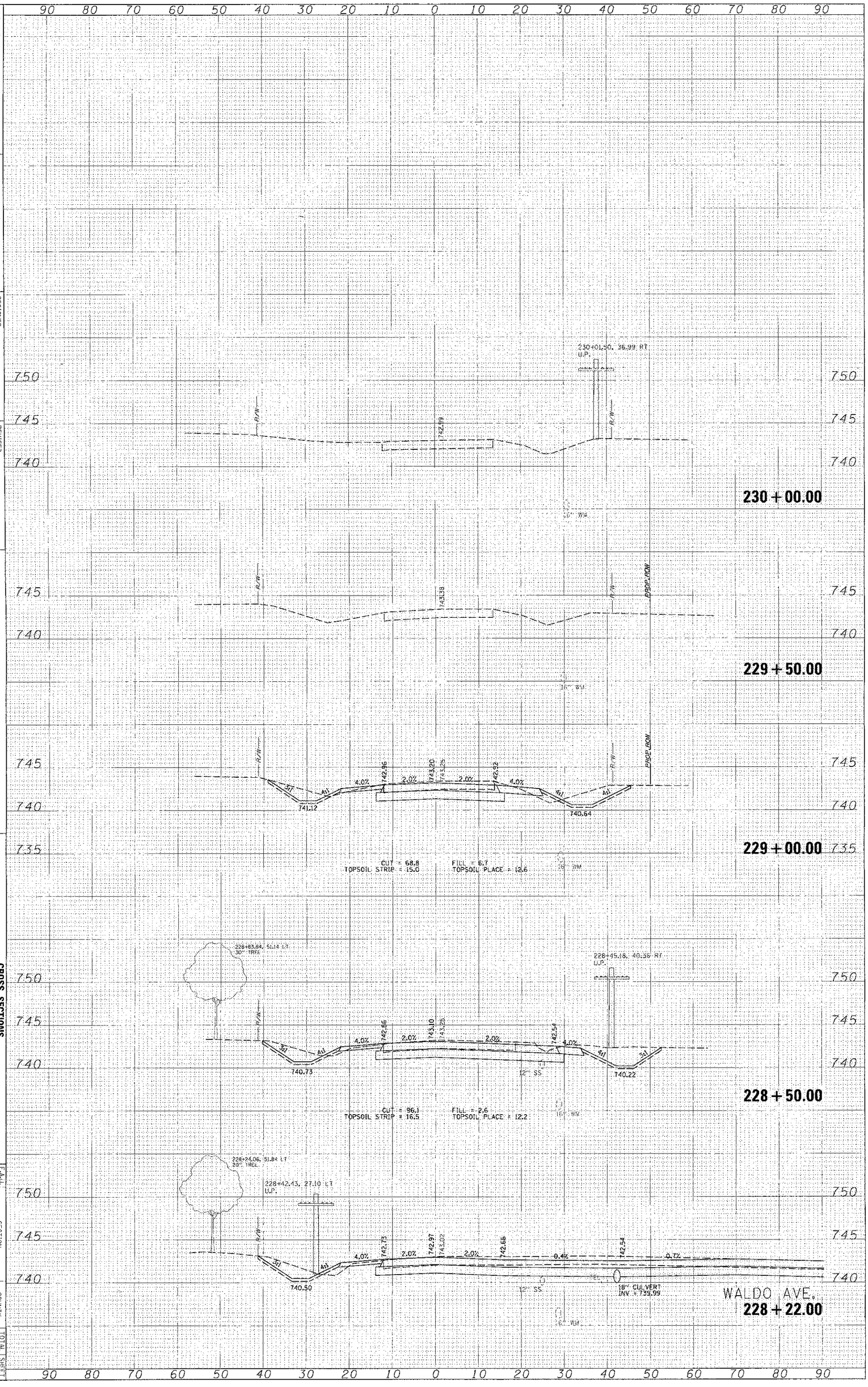
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

SHEET NO. OF SHEETS : STA. 228+22.00 TO STA. 230+00.00

CROSS SECTIONS
GREEN BAY ROAD



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1209	C3-00033-12-CH	LAKE	189	189

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONTRACT NO. 63766