

### HIGHWAY STANDARDS

|           |  |
|-----------|--|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                               |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS  |
| 424001-07 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS                                     |
| 424006-01 | DIAGONAL CURB RAMPS FOR SIDEWALKS  |
| 424011-01 | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS                                   |
| 424021-01 | DEPRESSED CORNER FOR SIDEWALKS   |
| 424026-01 | ENTRANCE/ALLEY PEDESTRIAN CROSSINGS  |
| 442201-03 | CLASS C AND D PATCHES  |
| 602001-02 | CATCH BASIN TYPE A   |
| 602011-02 | CATCH BASIN TYPE C   |
| 602301-03 | INLET TYPE A   |
| 602401-03 | MANHOLE TYPE A   |
| 602406-05 | MANHOLE TYPE A 6'(1.8m) DIAMETER   |
| 602601-02 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP                                  |
| 602701-02 | MANHOLE STEPS  |
| 604001-03 | FRAME AND LIDS TYPE 1  |
| 604056-03 | FRAME AND GRATE TYPE 11V   |
| 604091-02 | FRAME AND GRATE TYPE 24  |
| 606001-05 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER              |
| 606301-04 | PC CONCRETE ISLANDS & MEDIANS  |
| 701006-04 | OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE                   |
| 701011-03 | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY                                 |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS                                |
| 701311-03 | LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY                          |
| 701427-01 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED                                      |
| 701601-08 | URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN          |
| 701602-06 | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE        |
| 701606-08 | URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN                    |
| 701701-08 | URBAN LANE CLOSURE, MULTILANE INTERSECTION                                 |
| 701801-05 | SIDEWALK, CORNER OR CROSSWALK CLOSURE                                      |
| 701901-02 | TRAFFIC CONTROL DEVICES  |
| 720001-01 | SIGN PANEL MOUNTING DETAILS  |
| 720006-03 | SIGN PANEL ERECTION DETAILS  |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT   |
| 780001-03 | TYPICAL PAVEMENT MARKINGS  |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS                    |
| 805001-01 | ELECTRICAL SERVICE INSTALLATION DETAILS                                    |
| 814001-02 | HANDHOLES  |
| 814006-02 | DOUBLE HANDHOLES   |
| 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'                           |
| 878001-09 | CONCRETE FOUNDATION DETAILS  |
| 880001-01 | SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION                 |
| 880006-01 | TRAFFIC SIGNAL MOUNTING DETAILS  |
| 886001-01 | DETECTOR LOOP INSTALLATIONS  |
| 886006-01 | TYPICAL LAYOUTS FOR DETECTION LOOPS  |

### BENCHMARKS

DATUM: NAVD 88

1. BRONZE DISC IN PARKWAY 1716 HIGHLAND TERRACE (1,200' EAST OF WAUKEGAN RD OFF GLENWOOD AVE)  
EL = 654.38
2. NORTHWEST BOLT ON FIRE HYDRANT AT THE SOUTHEAST CORNER OF WAUKEGAN RD AND GLENWOOD AVE  
EL = 642.63
3. NORTHWEST BOLT ON FIRE HYDRANT AT 1610 WAUKEGAN RD (WEST SIDE)  
EL = 640.42
4. NORTHWEST BOLT ON FIRE HYDRANT AT 1805 WAUKEGAN RD IN FRONT OF DRY CLEANERS (EAST SIDE OF WAUKEGAN RD)  
EL = 644.23
5. NORTHWEST BOLT ON FIRE HYDRANT AT 1920 WAUKEGAN RD (WEST SIDE).  
EL = 643.85
6. NORTHWEST BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF WAUKEGAN RD AND CHESTNUT AVE  
EL = 642.58
7. NORTH BOLT ON FIRE HYDRANT ACROSS FROM 1717 CHESTNUT AVE (SOUTH SIDE)  
EL = 640.73

### INDEX OF SHEETS

| SHEET NO. | TITLE   |
|-----------|---|
| 1         | COVER SHEET   |
| 2         | INDEX OF SHEETS, HIGHWAY STANDARDS, BENCHMARKS, AND COMMITMENTS                               |
| 3         | GENERAL NOTES   |
| 4 - 11    | SUMMARY OF QUANTITIES   |
| 12 - 15   | TYPICAL SECTIONS, STRUCTURAL DESIGN DATA, AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS            |
| 16 - 17   | SCHEDULE OF QUANTITIES  |
| 18 - 20   | ALIGNMENT AND TIES  |
| 21 - 24   | GEOMETRIC PLAN AND PROFILE: WAUKEGAN ROAD (IL-43)   |
| 25 - 26   | GEOMETRIC PLAN AND PROFILE: CHESTNUT AVENUE   |
| 27        | GEOMETRIC PLAN AND PROFILE: JEFFERSON AVENUE  |
| 28        | GEOMETRIC PLAN AND PROFILE: EAST LEG  |
| 29        | SUGGESTED MAINTENANCE OF TRAFFIC  |
| 30 - 31   | EROSION AND SEDIMENT CONTROL PLAN   |
| 32 - 35   | DRAINAGE AND UTILITIES: WAUKEGAN ROAD (IL-43)   |
| 36 - 37   | DRAINAGE AND UTILITIES: CHESTNUT AVENUE   |
| 38        | DRAINAGE AND UTILITIES: JEFFERSON AVENUE  |
| 39        | DRAINAGE AND UTILITIES: EAST LEG  |
| 40 - 43   | PLAT OF HIGHWAYS: WAUKEGAN ROAD (IL-43)   |
| 44        | PAVEMENT MARKING PLAN: WAUKEGAN ROAD (IL-43) AND JEFFERSON AVENUE                             |
| 45        | PAVEMENT MARKING PLAN: CHESTNUT AVENUE  |
| 46        | PAVEMENT MARKING PLAN: EAST LEG   |
| 47        | LANDSCAPING PLAN: WAUKEGAN ROAD (IL-43) AND JEFFERSON AVENUE                                  |
| 48        | LANDSCAPING PLAN: CHESTNUT AVENUE   |
| 49        | LANDSCAPING PLAN: EAST LEG  |
| 50 - 55   | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS   |
| 56 - 57   | TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  |
| 58        | TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM                                  |
| 59 - 62   | TEMPORARY INTERCONNECT PLAN: CHESTNUT AVENUE TO TECHNY ROAD                                   |
| 63        | TEMPORARY INTERCONNECT SCHEMATIC: CHESTNUT AVENUE TO TECHNY ROAD                              |
| 64        | TRAFFIC SIGNAL INSTALLATION PLAN  |
| 65        | TRAFFIC SIGNAL SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM               |
| 66 - 69   | SIGNAL INTERCONNECT PLAN: CHESTNUT AVENUE TO TECHNY ROAD                                      |
| 70        | SIGNAL INTERCONNECT SCHEMATIC: CHESTNUT AVENUE TO TECHNY ROAD                                 |
| 71        | DISTRICT 1 MAST ARM MOUNTED STREET NAME SIGNS   |
| 72        | GENERAL NOTES AND SUMMARY OF QUANTITIES - STREET LIGHTING                                     |
| 73 - 74   | STREET LIGHTING PLANS: WAUKEGAN ROAD (IL-43)  |
| 75        | SINGLE LINE DIAGRAM   |
| 76 - 78   | STREET LIGHTING DETAILS   |
| 79 - 80   | MISCELLANEOUS DETAILS   |
| 81        | DRIVEWAY DETAILS - DISTANCE BETWEEN ROW AND CURB OR EDGE GREATER THAN OR EQUAL TO 15' (BD-01) |
| 82        | STORM SEWER CONNECTION TO EXISTING SEWER (BD-07)  |
| 83        | FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)   |
| 84        | MANHOLE WITH RESTRICTOR PLATE (BD-12)   |
| 85        | PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)   |
| 86        | BUTT JOINTS AND HMA TAPER (BD-32)   |
| 87        | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)            |
| 88        | RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)                              |
| 89        | DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)  |
| 90        | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)               |
| 91        | PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)                              |
| 92        | ARTERIAL ROAD INFORMATION SIGN (TC-22)  |
| 93        | DRIVEWAY ENTRANCE SIGNING (TC-26)   |
| 94        | DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING (TS-07)                             |
| 95 - 102  | CROSS SECTIONS: WAUKEGAN ROAD (IL-43)   |
| 103 - 105 | CROSS SECTIONS: CHESTNUT AVENUE   |
| 106       | CROSS SECTIONS: GLENWOOD AVENUE   |
| 107 - 108 | CROSS SECTIONS: JEFFERSON AVENUE  |
| 109       | CROSS SECTIONS: EAST LEG  |

### COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

COPYRIGHT © 2012 BY BAILEY & WOODMAN, INC.  
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. 018-000171 - EXPIRES 12/31/2013  
 2012-000171-001



|                |                             |
|----------------|-----------------------------|
| DESIGNED - DSH | REVISED - 10-12-12 PER IDOT |
| DRAWN - MAC    | REVISED -                   |
| CHECKED - TLH  | REVISED -                   |
| DATE - 8/23/12 | FILE - 1:0025-12-Index.sh+  |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS,  
BENCHMARKS, AND COMMITMENTS

SCALE:

STA. TO STA.

| F.A.P./T.A.U. RTF.               | SECTION        | COUNTY                      | TOTAL SHEETS | SHEET NO. |
|----------------------------------|----------------|-----------------------------|--------------|-----------|
| 0348/1352                        | 05-00160-00-01 | COOK                        | 109          | 2         |
| C-91-070-06                      |                | CONTRACT NO. 63756          |              |           |
| FED. ROAD DIST. NO. 1 (ILLINOIS) |                | FED. AID PROJECT F-0348(35) |              |           |