

## HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
001001-02 AREAS OF REINFORCEMENT BARS

### 200 EARTHWORK AND EROSION CONTROL

202001-01 EARTH MEDIAN DITCH CHECK  
280001-06 TEMPORARY EROSION CONTROL SYSTEMS

### 400 PAVEMENT, REHABILITATION AND SHOULDERS

420001-07 PAVEMENT JOINTS  
420101-04 24' (7.2M) JOINTED PCC PAVEMENT  
420106-04 36' (10.8M) JOINTED PCC PAVEMENT  
420111-03 PCC PAVEMENT ROUNDOUTS  
420201-07 ENTRANCE RAMP TERMINAL  
420206-08 ENTRANCE RAMP TERMINAL  
420301-04 EXIT RAMP TERMINAL  
420306-06 EXIT RAMP TERMINAL  
420401-08 BRIDGE APPROACH PAVEMENT CONNECTOR  
420601-05 24' (7.2M) PCC PAVEMENT  
421001-02 BAR REINFORCEMENT FOR CRC PAVEMENT  
421201-06 24' (7.2M) CRC PAVEMENT (WITH LUG SYSTEM)  
421206-06 36' (10.8M) CRC PAVEMENT (WITH LUG SYSTEM)  
442201-03 CLASS C AND D PATCHES  
483001-04 PCC SHOULDER

### 500 BRIDGES AND CULVERTS

515001-03 NAME PLATE FOR BRIDGES  
542116-02 REINFORCED CONCRETE END SECTIONS FOR MULTIPLE (2 & 3) PIPE CULVERTS, 15" (375MM) THRU 36" (900MM) AT RIGHT ANGLES WITH ROADWAY  
542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION  
542311-03 GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600MM) THRU 54" (1300MM) PIPE)  
542401-01 METAL END SECTION FOR PIPE CULVERTS  
542501-02 INLET BOX TYPE 24 (600) A

### 600 DRAINAGE

601001-04 SUB-SURFACE DRAIN  
601101-01 CONCRETE HEAD WALL FOR PIPE DRAIN  
602106-01 DRAINAGE STRUCTURES TYPE 4, 5, & 6  
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  
604036-02 GRATE, TYPE 8  
604071-04 FRAME AND GRATE, TYPE 20  
606006-02 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER  
606301-04 PC CONCRETE ISLANDS AND MEDIANS  
606306-03 CORRUGATED PC CONCRETE MEDIANS  
610001-06 SHOULDER INLET WITH CURB

### 630 SAFETY

630001-10 STEEL PLATE BEAM GUARDRAIL  
630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS  
631011-08 TRAFFIC BARRIER TERMINAL, TYPE 2  
631026-05 TRAFFIC BARRIER TERMINAL, TYPE 5  
631031-10 TRAFFIC BARRIER TERMINAL, TYPE 6  
635001-01 DELINEATORS  
637006-02 CONCRETE BARRIER, DOUBLE FACE, 42 IN. (1065 MIN) HEIGHT  
642001-02 SHOULDER RUMBLE STRIPS, 16 IN.  
643001 SAND MODULE IMPACT ATTENUATORS

### 660 FENCING, MARKERS AND MISCELLANEOUS

664001-02 CHAIN LINK FENCE  
666001-01 RIGHT-OF-WAY MARKERS

### 700 TRAFFIC CONTROL

701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE  
701101-02 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM EDGE OF PAVEMENT  
701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY  
701011-02 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY  
701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH  
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS  
701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH  
701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS--DAY ONLY  
701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH  
701400-05 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY  
701401-06 LANE CLOSURE, FREEWAY/EXPRESSWAY  
701402-09 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER  
701406-06 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY  
701411-08 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH  
701416-07 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER  
701421-04 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH  
701422-04 LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH  
701423-05 LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS >= 45 MPH TO 55 MPH  
701426-04 LANE CLOSURE, MULTILANE, INTERMITTANT OR MOVING OPERATIONS, FOR SPEEDS >= 45 MPH  
701451-01 RAMP CLOSURE, FREEWAY/EXPRESSWAY  
701456-02 PARTIAL EXIT RAMP CLOSURE, FREEWAY/EXPRESSWAY  
701601-07 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN  
701602-05 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE  
701701-08 URBAN LANE CLOSURE, MULTILANE INTERSECTION  
701901-02 TRAFFIC CONTROL DEVICES  
704001-07 TEMPORARY CONCRETE BARRIER

### 720 SIGNING

720001-01 SIGN PANEL MOUNTING DETAILS  
720006-03 SIGN PANEL ERECTION DETAILS  
720016-03 MAST ARM MOUNTED STREET NAME SIGNS  
720021-02 SIGN PANELS EXTRUDED ALUMINUM TYPE

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729001-01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)

### 780 PAVEMENT MARKING

780001-03 TYPICAL PAVEMENT MARKINGS  
781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

### 800 ELECTRICAL

805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS  
814001-02 HANDHOLES  
814006-02 DOUBLE HANDHOLES  
825026-02 LIGHTING CONTROLLER BASE MOUNTED, 480V  
830016 LIGHT POLE STEEL DAVIT ARM  
836001-01 LIGHT POLE FOUNDATION  
857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES  
873001-02 TRAFFIC SIGNAL GROUNDING AND BONDING  
877011-05 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THOROUGH 55'  
877012-02 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THOROUGH 75'  
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  
830011 LIGHT POLE STEEL MAST ARM

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|---|----------------------|-----------|---|---|-------------------|--|--|---|---------|--------|--------------------|--------------|---|
| FILE NAME :<br>...D46620-ht-hwy-standards.dgn | DESIGNED - I S       | REVISED - |  | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | HIGHWAY STANDARDS |  |  | F.A.I.<br>RTE.                                  | SECTION | COUNTY | TOTAL<br>SHEETS    | SHEET<br>NO. |   |
| USER NAME : tbi/ehk                           | DRAWN - TMB          | REVISED - |   |   |                   |  |  | 80-114R(14HB-4.14,14HB)BR1                      |         |        | TAZEWELL           | 2433         | 4 |
| PLOT DATE : 7/17/2012                         | CHECKED - JNR        | REVISED - |   |   |                   |  |  | SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA. |         |        | CONTRACT NO. 68620 |              |   |
|   | DATE - JULY 20, 2012 | REVISED - |   |   |                   |  |  | ILLINOIS FED. AID PROJECT                       |         |        |                    |              |   |