

INDEX OF SHEETS

1 COVER SHEET
 2 GENERAL NOTES AND INDEX OF SHEETS
 3 LIST OF STATE STANDARDS
 4 - 11 SUMMARY OF QUANTITIES
 12 - 15 SCHEDULE OF QUANTITIES
 16 - 20 TYPICAL SECTIONS
 21 - 22 ALIGNMENT, TIES AND BENCHMARKS
 23 DETOUR PLAN
 24 SUGGESTED MAINTENANCE OF TRAFFIC PLAN - GENERAL NOTES
 25 - 26 SUGGESTED MAINTENANCE OF TRAFFIC PLAN - TYPICAL SECTIONS
 27 SUGGESTED MAINTENANCE OF TRAFFIC PLAN - TEMPORARY SIGN DETAILS
 28 - 30 SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
 31 - 33 SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
 34 - 36 REMOVAL PLAN
 37 - 41 ROADWAY PLAN AND PROFILE - JOHNSBURG ROAD
 42 ROADWAY PLAN AND PROFILE - RIVERSIDE DRIVE
 43 ROADWAY PLAN AND PROFILE - SPRING GROVE ROAD
 44 INTERSECTION GRADING PLAN - HAMLIN DRIVE AND CHEROKEE DRIVE
 45 INTERSECTION GRADING PLAN - RIVERSIDE DRIVE
 46 INTERSECTION GRADING PLAN - DUTCH CREEK LANE AND IVY LANE
 47 INTERSECTION GRADING PLAN - SPRING GROVE ROAD
 48 CULVERT DRAINAGE EASEMENT - JOHNSBURG ROAD
 49 SUPERELEVATION DETAILS
 50 - 54 DRAINAGE AND UTILITY PLAN AND PROFILE - JOHNSBURG ROAD
 55 DRAINAGE AND UTILITY PLAN AND PROFILE - RIVERSIDE DRIVE
 56 DRAINAGE AND UTILITY PLAN AND PROFILE - SPRING GROVE ROAD
 57 - 60 DRAINAGE SCHEDULE OF QUANTITIES
 61 SANITARY SEWER PLAN
 62 SANITARY SEWER PLAN - SANITARY TRENCH BACKFILL, AIR RELEASE MANHOLE AND THRUST BLOCK INSTALLATION DETAILS
 63 - 85 PLAT OF HIGHWAYS
 86 - 87 PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN - JOHNSBURG ROAD
 88 PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN - RIVERSIDE DRIVE AND SPRING GROVE ROAD
 89 PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN - SIGNING LEGEND
 90 STREETScape PLAN
 91 STREETScape PLAN DETAILS
 92 - 93 EROSION CONTROL PLAN - JOHNSBURG ROAD
 94 EROSION CONTROL PLAN - RIVERSIDE DRIVE AND SPRING GROVE ROAD
 95 - 96 TRAFFIC SIGNAL INSTALLATION PLAN - JOHNSBURG ROAD AT RIVERSIDE DRIVE
 97 CABLE AND PHASE DESIGNATION DIAGRAM - JOHNSBURG ROAD AT RIVERSIDE DRIVE
 98 DETAIL SHEET MAST ARM MOUNTED STREET NAME SIGNS - JOHNSBURG ROAD AT RIVERSIDE DRIVE
 99 - 100 TRAFFIC SIGNAL INSTALLATION PLAN - JOHNSBURG ROAD AT SPRING GROVE ROAD
 101 CABLE AND PHASE DESIGNATION DIAGRAM - JOHNSBURG ROAD AT SPRING GROVE ROAD
 102 DETAIL SHEET MAST ARM MOUNTED STREET NAME SIGNS - JOHNSBURG ROAD AT SPRING GROVE ROAD
 103 - 108 DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS
 109 LIGHTING PLAN - GENERAL NOTES, SUMMARY OF QUANTITIES AND LEGEND
 110 - 111 LIGHTING PLAN
 112 - 113 LIGHTING PLAN - WIRING DIAGRAM
 114 LIGHTING PLAN - MISCELLANEOUS ELECTRICAL DETAILS
 115 LIGHTING PLAN - ALUMINUM LIGHT POLE 35'-0" MOUNTING HEIGHT
 116 LIGHTING PLAN - LIGHT POLE FOUNDATION, METAL
 117 LIGHTING PLAN - LIGHTING CONTROLLER
 118 LIGHTING PLAN - ELECTRIC SERVICE INSTALLATION ABOVE GROUND (BE-220)
 119 - 120 LIGHTING PLAN - LIGHTING DETAILS
 121 LIGHTING PLAN - ORNAMENTAL LIGHTING UNITS
 122 - 125 STRUCTURAL PLAN - JOHNSBURG ROAD RETAINING WALL #1
 126 - 129 STRUCTURAL PLAN - JOHNSBURG ROAD RETAINING WALL #2
 130 - 144 IDOT DISTRICT 1 DETAILS
 145 - 148 MCDOT DETAILS
 149 RIPRAP AND BULLNOSE CURB DETAILS
 150 RETAINING WALL DETAIL
 151 - 182 CROSS SECTIONS - JOHNSBURG ROAD
 183 - 184 CROSS SECTIONS - RIVERSIDE DRIVE
 185 - 187 CROSS SECTIONS - SPRING GROVE ROAD

STATE STANDARDS

| STANDARD NO. | LIST OF DESCRIPTION |
|--------------|--|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006-00 | DECIMAL OF AN INCH AND OF A FOOT |
| 202001-01 | EARTH MEDIAN DITCH CHECK |
| 406201-01 | MAILBOX TURNOUT |
| 424001-07 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 424006-01 | DIAGONAL CURB RAMPS FOR SIDEWALKS |
| 424011-01 | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS |
| 424016-01 | MID-BLOCK CURB RAMPS FOR SIDEWALKS |
| 442201-03 | CLASS C AND D PATCHES |
| 482001-02 | HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 542311-04 | GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600 MM) THRU 54" (1300 MM) PIPE) |
| 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 |
| 602416-03 | MANHOLE, TYPE A, 8' (2.4 M) DIAMETER |
| 602601-02 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 602701-02 | MANHOLE STEPS |
| 604001-03 | FRAME AND LIDS, TYPE 1 |
| 604036-02 | GRATE TYPE B |
| 604051-03 | FRAME AND GRATE TYPE 11 |
| 606001-05 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 606401-01 | PAVED DITCH |
| 630001-10 | STEEL PLATE BEAM GUARDRAIL |
| 630201-06 | PCC/HMA SHOULDER STABILIZATION AT STEEL PLATE BEAM GUARDRAIL |
| 630301-06 | SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS |
| 643001-01 | SAND MODULE IMPACT ATTENUATORS |
| 701001-02 | OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY |
| 701006-04 | OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE |
| 701011-03 | OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY |
| 701101-03 | OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY |
| 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 |
| 701336-06 | LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >= 45 MPH |
| 701426-05 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH |
| 701427-01 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS = 40 MPH |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 701502-05 | URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE |
| 701701-08 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-05 | LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE |
| 701901-02 | TRAFFIC CONTROL DEVICES |
| 704001-07 | TEMPORARY CONCRETE BARRIER |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 731001-01 | BASE FOR TELESCOPING STEEL SIGN SUPPORT |
| 814001-02 | HANDHOLES |
| 814006-02 | DOUBLE HANDHOLES |
| 836001-02 | LIGHT POLE FOUNDATION |
| 862001-01 | UNINTERRUPTABLE POWER SUPPLY (UPS) |
| 873001-02 | TRAFFIC SIGNAL GROUNDING & BONDING |
| 876001-02 | PEDESTRIAN PUSH BUTTON POST |
| 877001-05 | STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55' |
| 877002-02 | STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75' |
| 878001-09 | CONCRETE FOUNDATION DETAILS |

12/19/2012 2:21:52 PM
 080622-gen.dgn
 pdf_bur.nc_levelplot.dwg
 # foudor@hr-green.com

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 # 196491322

| | | |
|----------------------------|-----------------|-----------|
| USER NAME = jettana | DESIGNED - JRM | REVISED - |
| FILE NAME = 080622-gen.dgn | DRAWN - JPA | REVISED - |
| PLOT SCALE = N.T.S. | CHECKED - TH | REVISED - |
| PLOT DATE = 12/19/2012 | DATE - 12/19/12 | REVISED - |

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

GENERAL NOTES AND INDEX OF SHEETS

| | | | | | | | | |
|---|-------------------------|------|---------|-----------------|------------------------|----------------|------------------|-------------|
| SCALE: N.T.S. | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA. | F.A.U. RTE. 168 | SECTION 05-00314-00-WR | COUNTY MCHENRY | TOTAL SHEETS 187 | SHEET NO. 2 |
| CONTRACT NO. 63515 | | | | | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | | | |