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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N/A | 06-00017-00-PV | KANE | 232 | 2 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. - | | ILLINOIS | FED. AID PROJECT | |

INDEX OF SHEETS

IDOT HIGHWAY STANDARDS

| SHEET NO. | SHEET DESCRIPTION |
|-----------|--|
| 1. | COVER AND LOCATION MAP |
| 2. | INDEX |
| 3. | GENERAL NOTES |
| 4. | FOX METRO WATER RECLAMATION DISTRICT NOTES |
| 5.-10. | SUMMARY OF QUANTITIES |
| 11.-25. | TYPICAL CROSS SECTIONS |
| 26.-37. | SCHEDULE OF QUANTITIES (DRAINAGE, STRUCTURES, PAVEMENT MARKING, SIGN, WATER MAIN, SANITARY, EARTH WORK, AND RESTORATION) |
| 38. | ALIGNMENT, TIES, AND BENCHMARKS |
| 39. | GENERAL PLAN |
| 40.-46. | EXISTING CONDITIONS AND REMOVAL PLAN |
| 47.-50. | MUNICIPAL DRIVE - PLAN & PROFILE |
| 51.-55. | GALENA BOULEVARD - PLAN & PROFILE |
| 56.-57. | U.S. ROUTE 30 - PLAN & PROFILE |
| 58.-60. | ILLINOIS ROUTE 47 - PLAN & PROFILE |
| 61.-78. | TRAFFIC CONTROL AND STAGING PLAN |
| 79.-86. | WATER MAIN & SANITARY SEWER PLAN |
| 87.-92. | STORM SEWER PLAN |
| 93. | GALENA BOULEVARD RETAINING WALL PLAN AND DETAILS |
| 94.-95. | DETENTION BASIN DETAILS |
| 96. | MUNICIPAL DRIVE & U.S. ROUTE 30 - INTERSECTION DETAIL |
| 97. | GALENA BOULEVARD & ILLINOIS ROUTE 47 - INTERSECTION DETAIL |
| 98.-103. | EROSION CONTROL & LANDSCAPING PLAN |
| 104.-114. | STRIPING & SIGNAGE PLAN |
| 115.-118. | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS |
| 119.-127. | GALENA BLVD. AND ILLINOIS ROUTE 47 - TRAFFIC SIGNAL REMOVAL AND TEMPORARY SIGNAL PLAN |
| 128.-134. | GALENA BOULEVARD AND ILLINOIS ROUTE 47 - TRAFFIC SIGNAL MODERNIZATION PLAN |
| 135.-139. | MUNICIPAL DRIVE AND U.S. ROUTE 30 - TRAFFIC SIGNAL PLAN |
| 140.-154. | EXISTING, TEMPORARY, AND PROPOSED STREET LIGHTING PLANS |
| 155.-168. | TYPICAL DETAILS |
| 169.-173. | SOIL BORING PLANS |
| 174.-183. | MUNICIPAL DRIVE - CROSS SECTIONS |
| 184.-204. | GALENA BOULEVARD - CROSS SECTIONS |
| 205.-218. | U.S. ROUTE 30 - CROSS SECTIONS |
| 219.-232. | ILLINOIS ROUTE 47 - CROSS SECTIONS |

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| 000001-05 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 280001-04 | TEMPORARY EROSION CONTROL SYSTEMS |
| 353001-04 | PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES |
| 420001-07 | PAVEMENT JOINTS |
| 442201-03 | CLASS C&D PATCHES |
| 424001-05 | CURB RAMPS FOR SIDEWALKS |
| 482001-02 | HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT |
| 482006-03 | HMA SHOULDER ADJACENT TO RIGID PAVEMENT |
| 542301-01 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 542306-01 | PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION |
| 601001-02 | SUB-SURFACE DRAINS |
| 601101 | CONCRETE HEADWALL FOR PIPE UNDERDRAINS |
| 602001 | CATCH BASIN, TYPE A |
| 602011 | CATCH BASIN, TYPE C |
| 602301-01 | INLET, TYPE A |
| 602306-01 | INLET TYPE B |
| 602401-01 | MANHOLE, TYPE A |
| 602406-02 | MANHOLE -TYPE A 72 IN DIA |
| 602501 | VALVE VAULT - TYPE A |
| 602701-01 | MANHOLE STEPS |
| 604001-02 | FRAME AND LID, TYPE 1 |
| 604036-01 | GRATE, TYPE B |
| 604056-02 | FRAMES AND GRATES, TYPE 11V |
| 604091-01 | FRAMES AND GRATES, TYPE 24 |
| 606001-03 | CONCRETE CURB AND GUTTER TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 606301-03 | PC CONCRETE ISLANDS AND MEDIANS |
| 630001-07 | STEEL PLATE BEAM GUARDRAIL |
| 635006-02 | REFLECTOR AND TERMINAL MARKER PLACEMENT |
| 631011-04 | TRAFFIC BARRIER TERMINAL, TYPE 2 |
| 635011-01 | REFLECTOR MARKER AND MOUNTING DETAILS |
| 701001-01 | OFF ROAD OPERATIONS - 2L2W - 15 FT MIN FROM EOP - 45 MPH+ |
| 701006-02 | OFF ROAD OPERATIONS - 2L2W - 15FT TO EOP - 45MPH+ |
| 701101-01 | OFF ROAD OPERATIONS - MULTILANE - LESS THAN 15 FT TO EOP |
| 701106-01 | OFF ROAD OPERATIONS - MULTILANE - MORE THAN 15FT AWAY |
| 701306-01 | LANE CLOSURE, 2L2W, SLOW MOVING, DAY ONLY |
| 701326-02 | LANE CLOSURE, 2L2W, PAVEMENT WIDENING |
| 701421-01 | LANE CLOSURE MULTILANE - DAY OPERATIONS ONLY 45-55 MPH |
| 701422-01 | LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH |
| 701426-02 | LANE CLOSURE MULTILANE - INTERMITTENT OR MOVING OP 45 MPH+ |

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| 701501-04 | URBAN LANE CLOSURE, 2L2W, UNDIVIDED |
| 701502-02 | URBAN LANE CLOSURE, 2L2W, WITH BIDIRECTIONAL LEFT TURN LANE |
| 701601-05 | URBAN LANE CLOSURE MULTILANE 1W2W + NONTRAVESABLE MED |
| 701606-05 | URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN |
| 701701-05 | URBAN LANE CLOSURE MULTILANE INTERSECTION |
| 701901 | TRAFFIC CONTROL DEVICES |
| 720001 | SIGN PANEL MOUNTING DETAILS |
| 720006-01 | SIGN PANEL MOUNTING DETAILS |
| 720021-01 | SIGN PANELS - EXTRUDED ALUM TYPE |
| 780001-01 | TYPICAL PAVEMENT MARKINGS |
| 781001-02 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVT. MARKER |
| 805001 | ELECTRIC SERVICE INSTALLATION DETAILS |
| 814001-01 | HANDHOLES |
| 814006-01 | DOUBLE HANDHOLES |
| 857001 | STD PHASE DESIGNATION DIAGRAMS & PHASE SEQ |
| 862001 | UNINTERRUPTIBLE POWER SUPPLY |
| 873001-01 | TRAFFIC SIGNAL GROUND & BOND |
| 876001 | PEDESTRIAN PUSH BUTTON POST |
| 877001-03 | STEEL MAST ARM ASSEMBLY & POLE 16' THRU 55' |
| 877011-03 | STEEL COMBINATION MAST ARM ASSEMBLY & POLE 16' THRU 55' |
| 878001-06 | CONCRETE FOUNDATION DETAILS |
| 880001 | SPAN WIRE MOUNT SIGNALS & FLASH BEACON INSTALL |
| 880006 | TRAFFIC SIGNAL MOUNT DETAILS - POST & BRACKET MOUNT |
| 886001 | DETECTOR LOOP INSTALLATIONS |
| BLR2-2 | COMBINATION SECTION & ROW MARKERS |

HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE

| PAY ITEM DESCRIPTION | AC TYPE | VOIDS |
|--|-------------------|--------------|
| HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 | PG 64 -22 | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 | PG 64 -22* | 4% @ 70 Gyr. |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 INCIDENTAL HOT-MIX ASPHALT SURFACING | PG 64 -22 | 4% @ 70 Gyr. |
| POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, | SBS/SBR PG 70 -22 | 4% @ 90 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 | SBS/SBR PG 70 -22 | 4% @ 90 Gyr. |
| POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 | SBS/SBR PG 70 -22 | 4% @ 90 Gyr. |
| HOT-MIX ASPHALT SHOULDERS 8" (HMA BINDER IL-19 mm) (BOTTOM 6") (HMA SURFACE IL-9.5mm) (TOP 2") | PG 64 -22 | 4% @ 50 Gyr. |
| CLASS D PATCHES TYPE II, 6 INCH CLASS D PATCHES TYPE III, 6 INCH | PG 64 -22* | 4% @ 70 Gyr. |
| CLASS D PATCHES TYPE II, 15 INCH | SBS/SBR PG 70 -22 | 4% @ 90 Gyr. |
| TEMPORARY RAMP | PG 64 -22* | 4% @ 70 Gyr. |

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS/SQ. YD./INCH.

| DATE | BY | REVISION |
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| | | PLAN |
| | | NOTE BOOK |
| | | NO. |

| DATE | BY | REVISION |
|------|----|-----------|
| | | PROFILE |
| | | NOTE BOOK |
| | | NO. |

| ROADWAY CLASSIFICATION | STRUCTURAL PAVEMENT DESIGN INFORMATION | | | |
|---|--|---|---|---|
| | MUNICIPAL DR. | GALENA BLVD | US 30 | IL 47 |
| POSTED SPEED LIMIT | URBAN COLLECTOR S. OF US 30: 30 MPH N. OF US 30: N/A | E. OF IL 47: MINOR URBAN ARTERIAL W. OF IL 47: URBAN COLLECTOR E. OF IL 47: 55 MPH W. OF IL 47: N/A | OTHER PRINCIPAL ARTERIAL 55 MPH | STRATEGIC REGIONAL ARTERIAL 45 MPH |
| DESIGN DESIGNATION | 1,200(30) COLLECTOR 1.91 (FD 20) S. OF US 30: 1,300 (2007), 130 N. OF US 30: 12,000 (2030), 1,200 92%, 6%, 2% | 1,600(30) COLLECTOR 2.53 (FD20) E. OF IL 47: 7,200 (2007), 720 W. OF IL 47: 16,000 (2030), 1,600 92%, 6%, 2% | 13,000 (2007), 1,300 91.3%, 3.0%, 7.2% | 19,000 (2007), 1,900 86.9%, 5.9%, 7.2% |
| STR. DESIGN TRAFFIC (YEAR), DHV VEHICLE BREAKDOWN %: PV, SU, MU % STR. DESIGN TRAF . IN DESIGN LANE TRAFFIC FACTOR ACTUAL, MINIMUM | PV: 32%, SU : 45%, MU : 45% 1.91, NO MINIMUM | PV: 32%, SU : 45%, MU : 45% 2.53, NO MINIMUM | PV: 32%, SU : 45%, MU : 45% | PV: 32%, SU : 45%, MU : 45% |
| AC TYPE | AC 20 | AC 20 | AC 20 | AC 20 |
| PG GRADE BINDER / SURFACE | PG 64 / P.G 64 | PG 64 / P.G 64 | PG 70 / P.G 70 | PG 70 / P.G 70 |
| SUBGRADE SUPPORT RATING | POOR | POOR | POOR | POOR |

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|--|
| NAME | DATE | |
| | | <p>INDEX OF SHEETS</p> <p>SCALE: NTS</p> <p>DATE: 02/07/08</p> <p>DRAWN BY:</p> <p>CHECKED BY: WBR</p> |
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REVISED 7/11/08