

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62387				

**INDEX OF SHEETS**

1 COVER SHEET  
 2 INDEX OF SHEETS, STANDARDS  
 3 GENERAL NOTES, COMMITMENTS  
 4-12 SUMMARY OF QUANTITIES  
 13-20 SCHEDULE OF QUANTITIES  
 21-25 TYPICAL SECTIONS  
 26-30 ALIGNMENT, TIES AND BENCHMARKS  
 31 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL GENERAL NOTES  
 32-33 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL TYPICAL SECTIONS  
 34-39 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE I  
 40-45 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE II  
 46-48 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL POST STAGE II  
 49-58 TEMPORARY EROSION CONTROL PLANS  
 59-64 PLAN AND PROFILE - IL ROUTE 21  
 65 PLAN AND PROFILE - U.S. ROUTE 45  
 66 PLAN AND PROFILE WINKELMAN ROAD, FOREST PRESERVE DRIVE  
 67 PLAN AND PROFILE ACCESS ROAD  
 68 DRAINAGE NOTES  
 69-74 DRAINAGE SCHEDULE OF QUANTITIES  
 75-80 DRAINAGE AND UTILITIES - IL ROUTE 21  
 81 DRAINAGE AND UTILITIES - U.S. ROUTE 45  
 82 DRAINAGE AND UTILITIES - WINKELMAN ROAD  
 83 DRAINAGE AND UTILITIES - ACCESS ROAD  
 84 JUNCTION CHAMBER (SPECIAL) AND CONCRETE HEADWALL  
 85 WATER MAIN DETAILS  
 86-91 SUE INVESTIGATION OF UNDERGROUND UTILITIES  
 92-99C PLAT OF HIGHWAY  
 100-105 SOIL PROFILES  
 106-108 INTERSECTION DETAILS  
 109 ISLAND AND MEDIAN DETAILS  
 110 SUPER ELEVATION TRANSITION DETAIL  
 111-115 PAVEMENT MARKING AND LANDSCAPING PLANS  
 116-117 SCHEDULE OF SIGNS  
 118-122 EXISTING SIGNING PLANS  
 123-127 PROPOSED SIGNING PLANS  
 128 SIGNING DETAILS  
 129-131 BRIDGE APPROACH PAVEMENT DETAILS  
 132 WINKELMAN ROAD RETAINING WALL  
 133-160 STRUCTURAL PLANS BRIDGE SN 016-6566 IL ROUTE 21 OVER DES PLAINES RIVER  
 161-199 TRAFFIC SIGNAL PLANS  
 200-215 ROADWAY LIGHTING PLANS  
 216-229A DISTRICT ONE STANDARD DETAILS  
 230-258 CROSS SECTIONS - IL ROUTE 21  
 259-264 CROSS SECTIONS - SIDE ROADS  
 ★ 265-279 FLOODWALL 37 (FOR INFORMATION ONLY) HIGHWAY STANDARDS

★ 272 NOT USED

**HIGHWAY STANDARDS**

000001-05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS  
 001001-01 AREAS OF REINFORCEMENT BARS  
 001006 DECIMAL OF AN INCH AND OF A FOOT  
 280001-04 TEMPORARY EROSION CONTROL SYSTEM  
 420001-07 PAVEMENT JOINTS  
 420101-04 24' (7.2M) JOINTED PCC PAVEMENT  
 420106-04 36' (10.8M) JOINTED PCC PAVEMENT  
 420111-02 PCC PAVEMENT ROUNDOUTS  
 420401-06 BRIDGE APPROACH PAVEMENT  
 424001-05 SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED  
 542301-01 PRECAST REINFORCED CONCRETE FLARED END SECTION  
 542311 GRATING FOR CONCRETE FLARED END SECTION FOR 600 MM (24") THRU 1300 MM (54") PIPE  
 542606 REINFORCED CONCRETE PIPE TEE  
 601001-02 SUB-SURFACE DRAINS  
 601101 CONCRETE HEADWALL FOR PIPE DRAINS  
 602001 CATCH BASIN, TYPE A  
 602301-01 INLET, TYPE A  
 602306-01 INLET, TYPE B  
 602401-01 MANHOLE, TYPE A  
 602406-02 MANHOLE, TYPE A, 1800/MM (72") DIAMETER  
 602601-01 PRECAST REINFORCED CONCRETE FLAT SLAB TOP  
 602701-01 CAST IRON STEPS  
 604001-02 FRAME AND GRATE, TYPE I  
 604036-01 GRATE, TYPE B  
 604091-01 FRAME AND GRATE, TYPE 24  
 606001-03 CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER  
 606301-03 PC CONCRETE ISLANDS AND MEDIANS  
 606306-02 CORRUGATED PC CONCRETE MEDIANS  
 609006-03 BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)  
 630001-07 STEEL PLATE BEAM GUARDRAIL  
 630301-04 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS  
 631011-04 TRAFFIC BARRIER TERMINAL, TYPE 2  
 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT  
 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS  
 701001-01 OFF-ROAD OPERATIONS, 2L 2W. 4.5 M (15') MIN. AWAY, FOR SPEEDS > OR = 45 MPH  
 701006-02 OFF-ROAD OPERATIONS, 2L 2W. 4.5 M (15') TO 600 MM (24") AWAY, FOR SPEEDS > OR = 45 MPH  
 701101-01 OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 4.5 M (15') AWAY, FOR SPEEDS > OR = 45 MPH  
 701106-01 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 M (15') AWAY, FOR SPEEDS > OR = 45 MPH  
 701201-02 LANE CLOSURE, 2L 2W, DAY ONLY, ON-ROAD TO 600 MM (24") OFF-ROAD, FOR SPEEDS > OR = 45 MPH  
 701301-02 LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS, FOR SPEEDS > OR = 45 MPH  
 701306-01 LANE CLOSURE, 2L 2W, SLOW MOVING DAY ONLY OPERATIONS, FOR SPEEDS > OR = 45 MPH  
 701311-02 LANE CLOSURE, 2L 2W, MOVING DAY ONLY OPERATIONS, FOR SPEEDS > OR = 45 MPH  
 701326-02 LANE CLOSURE, 2L 2W, PAVEMENT WIDENING, FOR SPEEDS > OR = 45 MPH  
 701401-04 LANE CLOSURE, MULTILANE FOR SPEEDS > OR = 45 MPH  
 701406-04 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > OR = 45 MPH  
 701421-01 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > OR = 45 MPH TO 55 MPH  
 701423-02 LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS > OR = 45 MPH  
 701426-02 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS > OR = 45 MPH  
 701431-04 LANE CLOSURE, MULTILANE, UNDIV. WITH CROSSOVER, FOR SPEEDS > OR = 45 MPH TO 55 MPH

**HIGHWAY STANDARDS (CONTINUED)**

701606-05 URBAN LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN, FOR SPEEDS < 45 MPH  
 701701-05 URBAN LANE CLOSURE, MULTILANE, INTERSECTION, FOR SPEEDS < 45 MPH  
 701901 TRAFFIC CONTROL DEVICES  
 704001-04 TEMPORARY CONCRETE BARRIER  
 720001 SIGN PANEL MOUNTING DETAILS  
 720006-01 SIGN PANEL ERECTION DETAILS  
 720011 METAL POSTS (SIGNS, MARKERS AND DELINEATORS)  
 729001 APPLICATION OF TYPE A AND B METAL POSTS  
 814001-01 HANDHOLES  
 814006-01 DOUBLE HANDHOLES  
 857001 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES.  
 862001 UNINTERRUPTABLE POWER SUPPLY (UPS)  
 873001-01 TRAFFIC SIGNAL GROUNDING AND BONDING  
 877001-03 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'  
 877011-03 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'  
 878001-06 CONCRETE FOUNDATION DETAILS  
 880001 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION  
 880006 TRAFFIC SIGNAL MOUNTING DETAILS  
 886001 DETECTOR LOOP INSTALLATIONS  
 886006 TYPICAL LAYOUTS FOR DETECTION LOOPS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INDEX OF SHEETS, STANDARDS**  
 ILLINOIS ROUTE 21  
 NO SCALE DRAWN BY RDT  
 DATE 02/05/08 CHECKED BY GC