

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 406001-06 ENTRANCE RAMP TERMINAL - FLEXIBLE RAMP AND MAINLINE PAVT
- 406101-05 EXIT RAMP TERMINAL - FLEXIBLE RAMP AND MAINLINE PAVT
- 420001-08 PAVEMENT JOINTS
- 420206-11 ENTRANCE RAMP TERMINAL - JOINTED PCC RAMP ADJACENT TO CRC PAVT
- 420306-09 EXIT RAMP TERMINAL - JOINTED PCC RAMP ADJACENT TO CRC PAVT
- 420401-12 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 421001-03 BAR REINFORCEMENT FOR CRC PAVEMENT
- 421201-06 24' CRC PAVEMENT (W/ LUG SYSTEM)
- 442101-07 CLASS B PATCHES
- 442201-03 CLASS C AND D PATCHES
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 483001-04 PCC SHOULDER
- 542201-02 RC END SECTIONS FOR PIPE CULVERTS 15" THRU 36" SKEWED W/ ROWY
- 542206-04 RC END SECTIONS FOR PIPE CULVERTS 42" THRU 60" SKEWED W/ ROWY
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542306-03 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
- 542311-06 TRAVERSABLE PIPE GRATE
- 542501-02 INLET BOX TYPE 24" A
- 542546-01 FLUSH INLET BOX FOR MEDIAN
- 601001-05 PIPE UNDERDRAINS
- 601101-02 CONCRETE HEADWALL FOR PIPE UNDERDRAINS
- 602301-04 INLET, TYPE A
- 602411-05 MANHOLE, TYPE A, 7' DIAMETER
- 602416-05 MANHOLE, TYPE A, 8' DIAMETER
- 602601-04 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-04 FRAME AND LIDS, TYPE 1
- 604036-03 GRATE, TYPE B
- 630001-11 STEEL PLATE BEAM GUARDRAIL
- 630201-07 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631031-15 TRAFFIC BARRIER TERMINAL, TYPE 6
- 631032-09 TRAFFIC BARRIER TERMINAL, TYPE 6A
- 631033-07 TRAFFIC BARRIER TERMINAL, TYPE 6B
- 635001-02 DELINEATORS
- 636001-02 CABLE ROAD GUARD SINGLE STRAND
- 642001-02 SHOULDER RUMBLE STRIPS, 16 IN.
- 642006 SHOULDER RUMBLE STRIPS, 8 IN.
- 643001-02 SAND MODULE IMPACT ATTENUATORS
- 667101-02 PERMANENT SURVEY MARKERS
- 668001-01 METHOD OF RESETTING U.S. GEOLOGIC SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701321-16 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
- 701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-10 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701402-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
- 701406-11 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
- 701416-10 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER & BARRIER
- 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
- 701422-09 LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH

- 701423-10 LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS >= 45 MPH TO 55 MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
- 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701451-04 RAMP CLOSURE, FREEWAY/EXPRESSWAY
- 701456-04 PARTIAL EXIT RAMP CLOSURE, FREEWAY/EXPRESSWAY
- 701901-06 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 720016-03 MAST ARM MOUNTED STREET NAME SIGNS
- 720021-02 SIGN PANELS, EXTRUDED ALUMINUM TYPE
- 725001-01 OBJECT AND TERMINAL MARKERS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782006 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

420101-05 24' JOINTED PCC PAVEMENT

INDEX OF SHEETS

SHEET NO	TITLE
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS
3	HMA MIXTURE REQUIREMENTS
4-14	SUMMARY OF QUANTITIES
15-23	TYPICAL SECTIONS
24-40	QUANTITY SCHEDULES
41-72	REMOVAL ITEMS
73-106	PLAN SHEETS
107-118	PROFILES - MAINLINE
119-122	MEDIAN CROSSOVER PLANS & DETAILS
* 123-147	STAGING SHEETS
148-155	DETOUR SIGNING
156-176	EROSION CONTROL PLAN
▲ 177-225	BRIDGE REHABILITATION DETAILS
226-260A	CULVERT EXTENSIONS
261-281	DETAILS
○ 282-448F	CROSS SECTIONS I-70 MAINLINE
449-473	CROSS SECTIONS I-70 'B' ALIGNMENT
474-496	CROSS SECTIONS I-70 'A' ALIGNMENT

* INCLUDES SHEET 140A
 ▲ INCLUDES SHEETS 222A, 223A, 224A AND 225A
 ○ INCLUDES SHEETS 448A - 448F

GENERAL NOTES

THE WORK INCLUDED IN SECTION (25-1.2)R CONSISTS OF HMA SURFACE REMOVAL, UNDERDRAINS, RUBBLIZING PCC PAVEMENT, PAVEMENT REMOVAL, CRC PAVEMENT, FULL-DEPTH HMA PAVEMENT, BRIDGE APPROACH PAVEMENTS, BRIDGE DECK REPAIR AND OVERLAY, JOINT AND BEARING REPLACEMENT, PAVEMENT PATCHING, RESURFACING WITH HMA, EARTH EXCAVATION, FURNISHED EXCAVATION, LIME MODIFICATION, CULVERT EXTENSIONS, GUARDRAIL, PAVEMENT MARKINGS, TREE REMOVAL, SEEDING, AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE PROPOSED PROJECT BEGINS AT THE BRIDGE OVER ABANDONED RAILROAD AT ALTAMONT AND EXTENDS IN AN EASTERLY DIRECTION A DISTANCE OF 9.0 MILES TO THE LITTLE WABASH RIVER. THE PROJECT ALSO INCLUDES REHABILITATION OF THE RAMPS AT THE ALTAMONT INTERCHANGE AND AT THE REST AREAS.

RUBBLIZING PCC PAVEMENT SHALL BE METHOD 1.

THE PAVEMENT ADJACENT TO AND WEST OF THE WEST CROSSOVER WILL BE REPLACED WITH CRC PAVEMENT ON A PROPOSED PROFILE AS SHOWN IN THE PLANS WHICH IS AS CLOSE AS POSSIBLE TO EXISTING. THE PAVEMENT IN THE VICINITY OF THE OVERHEAD STRUCTURES WILL BE REMOVED AND REPLACED ON PROPOSED PROFILES IN ORDER TO GAIN ADDITIONAL VERTICAL CLEARANCE.

IN THE AREAS WHERE NEW PAVEMENT IS TO BE CONSTRUCTED EXISTING GRANULAR MATERIAL SHOWN IN THE EXISTING TYPICAL SECTIONS UNDER EXISTING PAVEMENT AND SHOULDERS SHALL BE REMOVED AND REPLACED WITH FURNISHED EXCAVATION MEETING THE APPROVAL OF THE ENGINEER. COST OF REMOVAL SHALL BE INCLUDED IN THE BID PRICE FOR PAVEMENT REMOVAL. END AREAS ON CROSS SECTION SHEETS DO NOT INCLUDE THE GRANULAR MATERIAL. ADDITIONAL FURNISHED EXCAVATION QUANTITY WAS INCLUDED FOR THE REPLACEMENT OF THE GRANULAR MATERIAL.

TEMPORARY ACCESS FOR EMERGENCY VEHICLES SHALL BE CONSTRUCTED BETWEEN THE FRONTAGE ROADS AND THE EASTBOUND LANES OF I-70 AS SHOWN IN THE PLANS FOR USE WHILE BOTH DIRECTIONS OF TRAFFIC ARE USING THE EASTBOUND LANES. THE CONTRACTOR MAY CONSTRUCT SIMILAR ACCESS TO THE WESTBOUND LANES FOR CONSTRUCTION OPERATIONS. SUCH ACCESS, IF CONSTRUCTED, SHALL REMAIN IN PLACE FOR USE WHEN THE WESTBOUND LANES ARE BEING USED FOR TRAFFIC IN BOTH DIRECTIONS. TEMPORARY BARRIER GATE SYSTEMS FOR USE BY EMERGENCY VEHICLES SHALL BE CONSTRUCTED IN THE BARRIER WALL AT EACH PERMANENT MAINTENANCE MEDIAN CROSSOVER.

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO THE CONSTRUCTION OR ORDERING OF MATERIAL. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION OR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

THE AREAS GIVEN FOR EARTHWORK END AREAS WITHIN THE LIMITS OF THE WEST MEDIAN CROSSOVER DO NOT INCLUDE THE MATERIAL TO BUILD THE CROSSOVER.

EXISTING UNDERDRAINS CONSIST OF ORANBERG PIPE.

POINTS OF GRADE FOR STORM SEWER CASTINGS ARE AS FOLLOWS: TYPE 1 - TOP OF CASTING, TYPE 8 - HORIZONTAL RIM OF CASTING

THE QUANTITIES FOR PAVEMENT PATCHING ARE ESTIMATES. THE ACTUAL LOCATIONS AND QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL ELEVATIONS SHOWN IN PLANS ARE BASED ON U.S.G.S. DATUM.

LOCATIONS OF REPLACEMENT TREE PLANTINGS SHALL BE AS DIRECTED BY THE ENGINEER.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

PERMANENT SURVEY MARKERS, TYPE 11 SHALL BE CAST-IN-PLACE.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES FOR OTHER ITEMS IN THE CONTRACT.

MATERIAL FOR AGGREGATE SHOULDER, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE MATERIAL USED FOR AGGREGATE BASE COURSE, TYPE B SHALL BE CA 6 CRUSHED STONE WITH A MINIMUM IBR OF 80.

THE FOLLOWING APPLICATION RATES WERE USED IN CALCULATING PLAN QUANTITIES AND HAVE BEEN INCLUDED FOR REFERENCE:

LIME (FOR MODIFYING SOIL)	50.4 LB/SO YD (12" DEPTH)
	100.8 LB/SO YD (24" DEPTH)
AGGREGATE FOR SURFACE, WEDGE SHOULDERS AND GRANULAR SUBBASE	2.05 TON/CU YD
BITUMINOUS MATERIALS (TACK COAT)	0.05 LB/SO FT (ON MILLED AND CONCRETE SURFACES)
	0.025 LB/SO FT (ON HMA LIFTS)
HOT-MIX ASPHALT PATCHING, BINDERS AND SURFACES	112 LB/SO YD/INCH
HOT-MIX ASPHALT SURFACE (STONE MATRIX)	130 LB/SO YD/INCH

SEE NEXT PAGE FOR HMA MIXTURE REQUIREMENTS.

FILE NAME	USER NAME = staffrenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS LIST OF STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
OnDefault	PLLOT SCALE = 100.0000 / in	CHECKED -	REVISED -			TO	(25-1.2)R	EFFINGHAM	496	2	
	PLLOT DATE = 5/1/2017	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

REV 6-6-17