

STANDARDS

MIXTURES REQUIREMENTS

INDEX OF SHEETS

SHT NO	DESCRIPTION	SHT NO	DESCRIPTION
1	COVER SHEET	000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
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61-75	STAGING	482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
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79	RIGHT OF WAY	542201-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 36" (900 mm) DIA. SKEWED WITH ROADWAY
80-86	GEOMETRICS	542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
87	INTERSECTION ELEVATIONS	542546-01	FLUSH INLET BOX FOR MEDIAN
88-90	PAVEMENT MARKINGS	602401-03	MANHOLE TYPE A
91	EXISTING TRAFFIC SIGNALS	602701-02	MANHOLE STEPS
92-94	PROPOSED TRAFFIC SIGNALS AND LIGHTING	606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
95	BOX CULVERT SHEET	606301-04	PC CONCRETE ISLANDS AND MEDIANS
96	DETAILS: INLET SPECIAL; CAST IRON FRAME SPECIAL TYPE 1 WITH TYPE 1 CLOSED LID; CONCRETE COLLAR PIPE TO PIPE	630001-10	STEEL PLATE BEAM GUARDRAIL
97	DETAILS: UNEVEN LANES; ROUGH GROOVED SURFACE; SEEDING AND MULCHING; CONCRETE COLLAR FOR PRECAST BOX CULVERT	630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
98	DETAILS: SERVICE INSTALLATION; DETECTOR LOOPS; OUTDOOR LIGHTING CONTROL CABINET; STONE RIPRAP DITCH LINING	635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
99	DETAILS: TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL; TEMPORARY DITCH CHECKS	635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
100	DETAILS: LIGHT POLE FOUNDATIONS	666001-01	RIGHT OF WAY MARKERS
101	DETAILS: POLE STANDARDS	667101-02	PERMANENT SURVEY MARKERS
102	DETAILS: PAY LIMITS FOR PRECAST CONCRETE BOX CULVERTS	701101-02	OFF-ROAD OPERATION, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
103	DETAILS: PRECAST CONCRETE BOX CULVERT SECTION	701106-02	OFF-ROAD OPERATION, MULTILANE, MORE THAN 15' AWAY
104	DETAILS: PRECAST CONCRETE BOX CULVERT END SECTION	701422-04	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
105-146	CROSS-SECTIONS IL 13 WESTBOUND	701602-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
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220	CROSS-SECTIONS PIN OAK RD. (EXIST.)	825011-02	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V
		857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
		862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
		873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
		877011-05	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
		878001-09	CONCRETE FOUNDATION DETAILS
		880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
		886001-01	DETECTOR LOOP INSTALLATIONS
		886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
		BLR 21-9	TYP. APPL. OF T.C.D. FOR CONSTRUCTION ON RURAL LOC. HWYS.
		701502-04	

Location(s):	Hot-Mix Asphalt Surface Course - IL 13 & Greenbriar Rd. - (1 1/2")
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix E, N105
AC/PG:	SBS PG76-22
RAP % (Max):	0
Design Air Voids:	4.0%, 105 Gyration Design
Mixture Composition:	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	E surface

Location(s):	Hot-Mix Asphalt Binder Course Top Lifts - IL 13 - (2 3/4") / Greenbriar Rd. - (2 1/4")
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0
AC/PG:	SBS PG76-22
RAP % (Max):	0
Design Air Voids:	4.0%, 105 Gyration Design
Mixture Composition:	IL-19.0
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Base Course - Greenbriar Road / IL 13 - (Lower lifts of HMA shoulders) / Conestoga Trail & Pin
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
RAP % (Max):	10
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition:	IL-19.0
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Surface Course - Frontage Roads - (1 1/2") / IL 13 - (top 1 1/2" of shoulders)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
RAP % (Max):	10
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition:	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	C surface

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DATE