

IDOT HIGHWAY STANDARDS

280001-05 TEMPORARY EROSION CONTROL SYSTEMS
 420001-07 PAVEMENT JOINTS
 420101-04 (24') 7.2M JOINTED PCC PAVEMENT
 420206-08 ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
 420306-06 EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
 420601-05 24' (7.2M) PCC PAVEMENT
 420701-02 PAVEMENT FABRIC
 421001-02 BAR REINFORCEMENT FOR CRC PAVEMENT
 421106-08 36' (10.8m) CRC PAVEMENT (WITH WIDE FLANGE BEAM TERMINAL JOINT)
 442201-03 CLASS C AND D PATCHES
 483001-04 PCC SHOULDER
 515001-03 NAME PLATE FOR BRIDGES
 542116-02 REINFORCED CONCRETE END SECTIONS FOR MULTIPLE (2 & 3) PIPE CULVERTS, 375 mm (15") THRU 900mm (36") AT RIGHT ANGLES WITH ROADWAY.
 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
 542401-01 METAL END SECTION FOR PIPE CULVERTS
 601001-04 SUB-SURFACE DRAINS
 601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
 602106-01 DRAINAGE STRUCTURES, TYPES 4, 5 & 6
 602301-03 INLET - TYPE A
 602306-03 INLET - TYPE B
 602401-03 MANHOLE TYPE A
 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
 602701-02 MANHOLE STEPS
 604001-03 FRAMES AND LIDS, TYPE 1
 604006-04 FRAME AND GRATE TYPE 3
 604081-04 FRAMES AND GRATES, TYPE 22
 604091-02 FRAMES AND GRATES, TYPE 24
 606001-04 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
 630001-09 STEEL PLATE BEAM GUARDRAIL
 630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
 631011-07 TRAFFIC BARRIER TERMINAL, TYPE 2
 631031-09 TRAFFIC BARRIER TERMINAL, TYPE 6

635001-01 DELINEATORS
 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
 637006-02 CONCRETE BARRIER 1065 MM (42 IN.) HEIGHT
 642001-01 SHOULDER RUMBLE STRIPS
 665001-02 WOVEN WIRE FENCE
 667101-01 PERMANENT SURVEY MARKERS
 701101-02 OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 M (15') AWAY
 701400-05 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
 701401-06 LANE CLOSURE, FREEWAY/EXPRESSWAY
 701402-08 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
 701406-06 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
 701411-07 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
 701426-04 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
 701456-01 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
 701901-01 TRAFFIC CONTROL DEVICES
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 720006-02 SIGN PANEL ERECTION DETAILS
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MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

INTERSTATE RECONSTRUCTION AND RESURFACING			
	STABILIZED SUBBASE HOT-MIX ASPHALT	POLYMERIZED HMA SURFACE COURSE	HOT-MIX ASPHALT SHOULDER RESURFACING
PG GRADE	PG 64-22	SBS PG 70-22	PG 64-22
DESIGN AIR Voids	4.0% @ Ndes=30	4.0% @ Ndes=105	4.0% @ Ndes=30
MIXTURE COMPOSITION	IL-19.0L	IL-9.5	IL-19.0L
FRICTION AGGREGATE	N/A	MIXTURE D	N/A

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

NITROGEN FERTILIZER NUTRIENT	90	LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90	LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90	LBS / ACRE
AGRICULTURAL GROUND LIMESTONE	2	TONS / ACRE
AGGREGATE (EROSION CONTROL)	1.9	TONS / CU YD
LIME	4.2	LBS / SQ YD / INCH
BITUMINOUS MATERIALS (PRIME COAT)	0.075	GAL / SQ YD
AGGREGATE (PRIME COAT)	0.0015	TONS / SQ YD
HOT-MIX ASPHALT SURFACE COURSE	0.056	TONS / SQ YD / INCH
AGGREGATE SHOULDERS, TYPE B	2.0	TONS / CU YD
HOT-MIX ASPHALT SHOULDERS	0.056	TONS / SQ YD / INCH