

IDOT HIGHWAY STANDARDS

280001-05 TEMPORARY EROSION CONTROL SYSTEMS
 420001-07 PAVEMENT JOINTS
 420101-04 24" (7.2M) JOINTED PCC PAVEMENT
 420401-08 BRIDGE APPROACH PAVEMENT CONNECTOR
 420601-05 24" (7.2M) PCC PAVEMENT
 420701-02 PAVEMENT FABRIC
 424001-05 CURB RAMPS FOR SIDEWALKS
 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
 515001-03 NAME PLATE FOR BRIDGES
 542201-02 REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THROUGH 36" (900 mm) DIAMETER SKEWED WITH ROADWAY
 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTION
 542401-01 METAL END SECTION FOR PIPE CULVERTS
 542601-02 REINFORCED CONCRETE PIPE ELBOW
 601001-03 SUB-SURFACE DRAINS
 601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
 602301-02 INLET - TYPE A
 602306-02 INLET - TYPE B
 602401-02 MANHOLE TYPE A
 602406-03 MANHOLE, TYPE A, 1.8m (6") DIAMETER
 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
 604011-04 FRAME AND GRATE TYPE 3V
 604036-02 GRATE TYPE B
 604066-02 FRAME AND LID, TYPE 15
 604071-04 FRAME AND GRATE TYPE 20
 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
 606301-04 PC CONCRETE ISLANDS AND MEDIANS
 606306-03 CORRUGATED PC CONCRETE MEDIANS
 630001-08 STEEL PLATE BEAM GUARDRAIL
 630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
 631011-06 TRAFFIC BARRIER TERMINAL, TYPE 2
 631031-08 TRAFFIC BARRIER TERMINAL, TYPE 6
 635001-01 DELINEATORS
 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
 642001-01 SHOULDER RUMBLE STRIPS
 664001-02 CHAIN LINK FENCE
 665001-02 WOVEN WIRE FENCE

667101-01 PERMANENT SURVEY MARKERS
 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
 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
 701301-03 LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
 701400-04 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
 701401-05 LANE CLOSURE, FREEWAY/EXPRESSWAY
 701402-07 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
 701406-05 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
 701411-06 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
 701606-06 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
 701901-01 TRAFFIC CONTROL DEVICES
 704001-06 TEMPORARY CONCRETE BARRIER
 720001-01 SIGN PANEL MOUNTING DETAILS
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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
MULCH, METHOD 2	2	TONS / ACRE
AGGREGATE (EROSION CONTROL)	1.9	TONS / CU YD
LIME	4.2	LBS / SQ YD / INCH
SLAG MODIFIED PORTLAND CEMENT	3.31	LBS / SQ YD / INCH
AGGREGATE FOR TEMPORARY ACCESS	2.0	TONS / CU YD
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
BITUMINOUS MATERIALS (PRIME COAT)	0.375	GAL / SQ YD
AGGREGATE (PRIME COAT)	0.0015	TONS / SQ YD
INCIDENTAL HOT-MIX ASPHALT SURFACING	0.056	TONS / SQ YD / INCH
AGGREGATE SHOULDERS, TYPE B	2.0	TONS / CU YD

MIXTURE REQUIREMENTS
 THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

	HMA SURFACE COURSE	STABILIZED SUBBASE HMA (OPTION)	HMA SHOULDERS	INCIDENTAL HOT-MIX ASPHALT SURFACING		
PG GRADE	PG 70-22	PG 64-22	PG 64-22	PG 64-22		
DESIGN AIR VOIDS	4.0% @ Ndes=105	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=70		
MIXTURE COMPOSITION	IL-9.5	IL-19.0L	IL-19.0L	IL-9.5		
FRICTION AGGREGATE	MIXTURE D	N/A	N/A	MIXTURE C		