

IDOT HIGHWAY STANDARDS IN CONTRACT

000001-01 (SHTS 8)	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-02 (SHTS 3)	TEMPORARY EROSION CONTROL SYSTEMS
424001-02 (SHTS 2)	CURB RAMPS
442201-02	CLASS C & D PATCHING
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311 (2 SHTS)	GRATING FOR CONCRETE FLARED END SECTION, 24"-54" PIPE
602001	CATCH BASIN, TYPE A
602006	CATCH BASIN, TYPE B
602011	CATCH BASIN, TYPE C
602301-01	INLET, TYPE A
602401-01	MANHOLE, TYPE A
602406-02 (SHTS 2)	MANHOLE, TYPE A, 72" DIAMETER
602501	VALVE VAULT, TYPE A
602601	PRECAST REINFORCED CONCRETE FLAT TOP SLAB
604001-02	FRAME AND LIDS, TYPE 1
604036-01	GRATE, TYPE 8
604091-01	FRAME AND GRATE, TYPE 24
606001-02 (SHTS 2)	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-01	OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-02	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
701011-01	OFF ROAD, MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS > 45 MPH
701206-01	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS > 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY FOR SPEEDS > 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS > 45 MPH
701336-04	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS > 45 MPH
702001-06 (SHTS 3)	TRAFFIC CONTROL DEVICES
720016-01	MAST ARM MOUNTED STREET NAME SIGNS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001	CONCRETE HANDHOLES
814006	DOUBLE HANDHOLE
857001 (2 SHTS)	STANDARD PHASE DESIGNATION DIAGRAMS AND SEQUENCES
877011-02	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-04 (SHTS 2)	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS

FLEXIBLE PAVEMENT DESIGN

DATE	=	OCTOBER 11, 2005
PROJECT	=	MIDLOTHIAN ROAD @ WINCHESTER ROAD
YEAR OF ADT	=	2005
ADT	=	12,029
DESIGN PERIOD IN YEARS	=	20
CONSTRUCTION YEAR	=	2006
STRUCTURAL DESIGN TRAFFIC (SDT)	=	15,883
PC	=	15208 (95.75%)
SU	=	437 (2.75%)
MU	=	238 (1.50%)
LOAD LIMIT (73,280 STANDARD) OR 80,000	=	73,280
CLASS ROAD (1,2,3,4)	=	II
SUBGRADE SUPPORT RATING	=	POOR
FLEXIBLE TRAFFIC FACTOR (TF)	=	1.16
SELECTED DESIGN AC TYPE	=	PG 64-22
DESIGN AC MIXTURE TEMPERATURE (DEGREES F)	=	76°
DESIGN BITUMINOUS CONCRETE MODULES	=	650
DESIGN AC MICROSTRAIN	=	103
PAVEMENT THICKNESS REQUIRED (INCHES)	=	9 1/2"
SUBGRADE	=	12"

LAKE COUNTY DOT STANDARDS

LC1005	TRIANGULAR SILT DIKE INSTALLATION FOR ROADWAY DRAINAGE DITCH
LC1007	RESTRICTED DEPTH MANHOLE
LC4025A	TYPICAL MAJOR ACCESS (COMMERCIAL ENTRANCE)
LC4025B	TYPICAL MAJOR ACCESS (SIDE ROAD)
LC4026	TYPICAL SECTION BITUMINOUS BIKEPATH
LC6004	CURB AND GUTTER SUBGRADE OPTIONS
LC8005	TRANSITION FROM GRAVEL SHOULDER TO B-6.24 FOR 16' OFFSET TO FACE
LC6010	SUB SURFACE DRAINS
LC6013A&B	CURB RAMPS WITH TRAFFIC SIGNAL POSTS AND MAST ARMS
LC7001	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES, HIGHWAY CONSTRUCTION, CONTRACT MAINTENANCE
LC7002	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES, HIGHWAY CONSTRUCTION, CONTRACT MAINTENANCE AND UTILITY OPERATIONS
LC7003	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
LC7004	MULTILANE TWO WAY TRAFFIC, UNDIVIDED OR MULTILANE TWO WAY TRAFFIC, DIVIDED WITH FLASH MEDIAN DAY OR NIGHT OPERATIONS
LC7006	DIRECTION INDICATOR BARRICADES
LC7007	TEMPORARY CONSTRUCTION INFORMATION SIGNS
LC7008	TWO LANE, TWO WAY, OFF ROAD OPERATIONS, DAY ONLY OPERATIONS
	TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS
	SHORT TERM PAVEMENT MARKING