

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS (BEING UTILIZED)**

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
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	FRAME AND LIDS, TYPE 1
604011-04	FRAME AND GRATE TYPE 3V
604036-02	GRATE TYPE 8
604056-03	FRAME AND GRATE TYPE 11V
604086-02	FRAME AND GRATE, TYPE 23
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS

**GENERAL NOTES**

- ALL SAWCUTTING SHALL BE CONSIDERED INCLUDED IN THE PAY ITEMS INVOLVED. THE MINIMUM SAW DEPTH IN THE PAVEMENT SHALL BE 1 1/2". FULL DEPTH SAWCUTS MAY BE REQUIRED FOR PAVEMENT AND CURB AND GUTTER REMOVAL.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:  

GRANULAR MATERIALS	2.05 TON/CLY YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD (ON EX PAVMENT)
	0.02 GAL/SQ YD (FOG COAT ON BINDER)
	0.40 GAL/SQ YD (ON AGG BASE)
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH
AGGREGATE PRIME COAT	0.002 TON/SQ YD
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- THE FINAL TOP 6" OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEEDED. SEEDING SHALL BE CLASS 1A AND SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
- ALL WORK SHALL BE IN ACCORDANCE WITH IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007 AND THE SUPPLEMENTAL SPECIFICATIONS AND RECORDING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2011 UNLESS NOTED IN THE DRAWINGS OR SPECIAL PROVISIONS.
- UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED AND THEIR ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY. THESE UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123. THE FOLLOWING UTILITY OWNERS MARKED WITH AN '\*' BELONG TO J.U.L.I.E. :  
  - \* AMEREN IP
  - \* MEDIACOM
  - \* AT&T
  - \* CITY OF MONTICELLO
  - \* FRONTIER
- ONLY THOSE TREES SHOWN ON THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- AGGREGATE (PRIME COAT): FA20 MAY BE USED IN ADDITION TO THE GRADATIONS LISTED IN THE 2ND PARAGRAPH OF ARTICLE 1003.03(c).
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF EASEMENTS/RIGHT-OF-WAY AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO ORDERING MATERIALS.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	SURFACE COURSE INCID. HMA SURF. HMA SHLD TOP LIFT	LEVELING BINDER	CLASS D PATCHES HMA SHLD BOTTOM LIFT
PG:	PG 64-22	PG 64-22	PG 64-22
RAP%:	15%	25%	25%
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 19.0
FRICITION AGGREGATE	C	C	NA

- BITUMINOUS AND AGGREGATE PRIME COAT SHALL BE PLACED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. IF RESURFACED WITHIN 7 DAYS, NO FOG COAT IS REQUIRED ON TOP OF LEVELING BINDER (MACHINE METHOD). THE COST OF THE PRIME COATS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR LEVELING BINDER (MACHINE METHOD) AND HOT-MIX ASPHALT SURFACE COURSE AND INCIDENTAL HMA SURFACING OF THE TYPE SPECIFIED AND CLASS D PATCHES.
- ON WASHINGTON STREET THE PROPOSED B6.18 CURB AND GUTTER SHALL BE CONSTRUCTED TO MATCH THE EXISTING PAVEMENT AND TOP OF CURB ELEVATIONS. THE GUTTER FLAG WILL BE OVERLAYED WITH HMA.
- ONE INCH DEEP GUTTER DEPRESSIONS SHALL BE PROVIDED AT PROPOSED CURB INLETS, IN ACCORDANCE WITH THE DETAILS IN THE PLANS.
- ON RESURFACING RUNDOWNS THAT ARE TO REMAIN IN PLACE AFTER COMPLETION OF THE SECTION. THE END OF THE FEATHEREDGE SHALL BE PAINTED WITH A UNIFORM COATING OF AC OR HFE BITUMINOUS MATERIAL APPROVED BY THE ENGINEER AFTER THE RUNDOWN IS COMPLETED. THE BITUMINOUS MATERIAL SHALL BE PAINTED ACROSS THE END OF THE RUNDOWN APPROXIMATELY 12 INCHES WIDE, 6 INCHES ON THE RUNDOWN AND 6 INCHES ON THE PAVEMENT. THE PAINTED STRIP SHALL BE COVERED WITH SAND. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL CURB RAMPS FOR SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 424001-05. RAMPS SHALL BE TYPE A UNLESS NOTED OTHERWISE. ALL RAMP WIDTHS SHALL MATCH THE WIDTH OF THE EXISTING SIDEWALK. DETECTABLE WARNINGS COLORED RED OR BROWN SHALL BE USED. THE CONTRACTOR SHALL PROVIDE A SAMPLE FOR CITY APPROVAL PRIOR TO ORDERING MATERIALS; COST INCLUDED IN DETECTABLE WARNINGS.
- ALL SIDEWALKS SHALL HAVE CROSS SLOPES THAT INSURE POSITIVE DRAINAGE. THE MAXIMUM CROSS SLOPE SHALL BE 2%.
- THE CONTRACTOR SHALL COORDINATE THE LOCATIONS OF TREES TO BE PLANTED WITH THE PROPERTY OWNERS. THE CONTRACTOR WILL BE REQUIRED TO PLANT CITY OF MONTICELLO TREES ANYWHERE WITHIN THE CITY LIMITS AT LOCATIONS DETERMINED BY THE CITY. COST INCLUDED IN THE TREE PAY ITEMS LISTED IN THE PLANS.
- EXISTING TOPSOIL THAT IS EXCAVATED SHALL BE STOCKPILED AND REUSED ONSITE, COST INCLUDED IN EARTH EXCAVATION. TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH SHALL BE USED TO RAISE THE ADJACENT GROUND TO MATCH THE PROPOSED TALLER CURBS AND HIGHER SHOULDERS FOR A THREE FEET WIDTH ADJACENT TO NEW CURB AND GUTTER AND HMA SHOULDERS.
- PAVEMENT REMOVAL AND PATCHING WILL BE REQUIRED AT INLET LOCATIONS TO INSTALL NEW FRAMES AND GRATES. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT IS INCLUDED IN THE COST OF INLETS TO BE ADJUSTED.
- EXCAVATION FOR CONSTRUCTION OF GEOTECHNICAL FABRIC AND FOR CONSTRUCTION OF HMA SHOULDERS SHALL BE MEASURED AND PAID FOR SEPARATELY AS EARTH EXCAVATION. ANY OTHER EXCAVATION OR EMBANKMENT NECESSARY FOR THE PROJECT SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE PAY ITEMS FOR THE OTHER WORK BEING PERFORMED. OPERATIONS IN WHICH EXCAVATION AND EMBANKMENT ARE INCIDENTAL INCLUDE CONSTRUCTION OF SIDEWALKS, PAVEMENT WIDENING, CURB AND GUTTER, DRIVEWAYS, BLOCK RETAINING WALLS, AND RAILROAD CROSSING.
- PIPE DRAINS AND CONCRETE HEADWALLS FOR PIPE DRAINS SHALL BE USED TO DRAIN THE PROPOSED AGGREGATE SUBGRADE (SPECIAL) UNDER THE WASHINGTON STREET PAVEMENT PATCHING. THE INVERT OF THE PIPE DRAIN SHALL MATCH THE BOTTOM OF THE EXCAVATION AND BE SLOPED TO DRAIN AS DIRECTED BY THE ENGINEER.

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**MONTICELLO TRANSPORTATION IMPROVEMENT PROJECT**  
**CITY OF MONTICELLO**

**HIGHWAY STANDARDS AND GENERAL NOTES**  
 DRAWING NUMBER **2**  
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