

**GENERAL NOTES**

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

1. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2014, AND THE SPECIAL PROVISIONS INCLUDED IN THIS PROPOSAL.
2. THE PROPOSED PROJECT IS LOCATED ON ILLINOIS ROUTE 1 APPROXIMATELY 0.8 MILES NORTH OF MT. CARMEL IN WABASH COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF A BRIDGE REPLACEMENT OVER CRAWFISH CREEK. ALSO INCLUDED ARE MILLING, PLACEMENT OF HOT-MIX ASPHALT LEVELING BINDER AND SURFACE COURSES, CONSTRUCTION OF APPROACH SLABS AND HOT-MIX ASPHALT SHOULDERS, GUARDRAIL REMOVAL AND REPLACEMENT, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.
3. STRUCTURE NUMBER 093-0003 IS A THREE-SPAN BRIDGE THAT WILL BE REMOVED WHILE MAINTAINING TRAFFIC ON ILLINOIS ROUTE 1 UTILIZING STAGE CONSTRUCTION.
4. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
5. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
6. ALL SAWCUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCLUDED IN THE PAY ITEMS INVOLVED. THE MINIMUM SAW DEPTH IN THE PAVEMENT SHALL BE 1 1/2" UNLESS OTHERWISE NOTED.
7. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
8. THE THICKNESS OF HMA MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
9. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
10. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HOT-MIX ASPHALT	112 LBS/SQ YD/IN
AGGREGATES	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT):	
ON PAVEMENT	0.05 LBS/SQ FT
INTERMEDIATE LIFTS (FOG COAT)	0.025 LBS/SQ FT

11. 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.
12. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEEDDED. SEEDING SHALL BE CLASS 2 ACCORDING TO THE APPLICABLE ARTICLES OF SECTION 250 OF THE STANDARD SPECIFICATIONS. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDDED WILL BE DETERMINED BY THE ENGINEER.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
14. EXISTING TRAFFIC BARRIER TERMINALS TO BE REMOVED SHALL BE PAID FOR AS GUARDRAIL REMOVAL.
15. ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
16. TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION EXCEPT AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.

17. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
18. THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION FOR THE INITIAL OPENING OF THE COMPLETED STRUCTURE TO TWO LANE TRAFFIC AND ONE APPLICATION ON THE COMPLETED SURFACE COURSE.
19. THE CENTERLINE PAVEMENT MARKING SHOULD BE REMOVED FROM STOP BAR TO STOP BAR.
20. THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HMA PLANT QUALITY CONTROL LAB SO THAT HMA PLANT REPORTS CAN BE EMAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.
21. ANY TIME THE CONCRETE BARRIER IS NOT IN THE PROPER POSITION, FLAGGERS SHALL BE IN PLACE TO CONTROL TRAFFIC AND THE TEMPORARY TRAFFIC SIGNALS SHALL BE TURNED OR COVERED.
22. REMOVAL OF THE TEMPORARY CONCRETE BARRIER IS INCLUDED IN THE PAY ITEMS TEMPORARY CONCRETE BARRIER AND RELOCATE TEMPORARY CONCRETE BARRIER.
23. THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TEMPORARY RAMP SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE RAMPS.
24. THE TOP 4 IN. OF TOPSOIL SHALL BE STRIPPED FROM ALL AREAS WITHIN THE CONSTRUCTION LIMITS. THIS MATERIAL SHALL BE STOCKPILED AT A LOCATION APPROVED BY THE ENGINEER AND REPLACED AFTER MAJOR GRADING OPERATIONS ARE COMPLETED. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.
25. THE EXISTING FORESLOPES SHALL BE BENCHED AS SHOWN ON THE DETAILS SHEET PRIOR TO CONSTRUCTING THE PROPOSED FINISHED GRADE. THE ENGINEER WILL DETERMINE THE EXACT LOCATIONS AND APPLICATION OF THIS DETAIL. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.
26. THE HOT-MIX ASPHALT SHOULDERS SHALL BE MILLED TO THE SAME DEPTH AS ADJACENT ROADWAY TO FACILITATE CONSTRUCTION OF HOT-MIX ASPHALT SURFACE COURSE.
27. ALL WORK NECESSARY TO ATTACH THE PIPE DRAIN TO THE ABUTMENT UNDERDRAIN PIPE, TRENCHING IN THE PIPE DRAINS AND INSTALLING THE PIPE DRAIN TO THE CONCRETE HEADWALLS IS INCLUDED IN THE PAY ITEM FOR PIPE DRAINS OF THE DIAMETER SPECIFIED.
28. POTHOLES IN THE EXISTING PAVEMENT SHALL BE PATCHED AS DIRECTED BY THE ENGINEER. HOT-MIX ASPHALT FOR PATCHING POTHOLES (COLD MIX) IS INCLUDED IN THE CONTRACT FOR PATCHING THE PAVEMENT ON ILLINOIS ROUTE 1. THE QUANTITY SHOWN IN THE PLANS IS AN ESTIMATE ONLY. THE LOCATIONS AND QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
29. BASED ON CURRENT INFORMATION, THE EXISTING PAVEMENT SECTION CONSISTS OF 7" HMA OVER 9" CONCRETE PAVEMENT. ASSUME A PAVEMENT REMOVAL THICKNESS OF 16" FOR THE PAY ITEM PAVEMENT REMOVAL AND 7" FOR THE PAY ITEM PAVED SHOULDER REMOVAL.
30. DUE TO THE PRESENCE OF INDIANA BATS, NO TREES MAY BE REMOVED BETWEEN MARCH 31 AND OCTOBER 1 OF ANY YEAR.

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
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420401-10	BRIDGE APPROACH PAVEMENT CONNECTOR
442201-03	CLASS C & D PATCHES
515001-03	NAME PLATE FOR BRIDGES
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-12	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-13	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701901-03	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

**HMA MIXTURES REQUIREMENTS**

APPLICATION(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	HOT-MIX ASPHALT SURFACE COURSE, IL 19.0, N70	HOT-MIX ASPHALT SHOULDERS	HOT-MIX ASPHALT SHOULDERS	HOT-MIX ASPHALT SHOULDERS
MIXTURE USE(S):	SURFACE COURSE, (1 1/2")	LEVEL BINDER (MACHINE METHOD 3/4")	BRIDGE APPROACH CONNECTOR (FLEXIBLE)	HMA SHOULDERS (BOTTOM LIFT)	HMA SHOULDERS (TOP LIFT)	HMA BASE COURSE WIDENING/PAVEMENT PATCHING
AC/PG:	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% AT N DESIGN = 70	4.0% AT N DESIGN = 70	4.0% AT N DESIGN = 70	4.0% AT N DESIGN = 30	4.0% AT N DESIGN = 30	4.0% AT N DESIGN = 70
MIXTURE COMPOSITION:	IL-9.5	IL-9.5	IL-19.0	IL-19.0L	IL-9.5L	IL-19.0
FRICTION AGGREGATE:	MIXTURE C	N/A	N/A	N/A	MIXTURE C	N/A