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 HIGHWAY STANDARDS

37-40E STRUCTURE PLANS

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

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
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602401-03	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAMES AND LIDS, TYPE 1
630001-10	STEEL PLATE BEAM GUARDRAIL
630101-09	GUARDRAIL MOUNTED ON EXISTING CULVERTS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-04	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-03	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
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
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
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

REVISED 2-28-2013

**GENERAL NOTES**

- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- CONTRACTOR SHALL VERTICALLY SAW CUT EDGES OF EXISTING HOT MIX ASPHALT SURFACE FLUSH WITH EXISTING PAVEMENT PRIOR TO CONSTRUCTING NEW BASE COURSE WIDENING. COST TO BE INCLUDED IN HMA BASE COURSE WIDENING.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- ACTUAL SIZE AND LOCATIONS OF ADDITIONAL PATCHES, OTHER THAN THOSE NOTED IN THE PLANS, WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
- IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE BID UNIT PRICE FOR THE WORK.
- 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.
- 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.
- 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.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
 

ALL HOT-MIX ASPHALT	0.056 TONS/SQ YD*IN
AGGREGATE SHOULDERS, TYPE B	2.05 TONS/CU YD
BITUMINOUS MATERIALS:	
PRIME COAT (PAVEMENT)	0.00038 TONS/SQ YD
PRIME COAT (AGGREGATE)	0.002 TONS/SQ YD
FERTILIZER NUTRIENTS	90 LB/ACRE
AGRICULTURAL GROUND LIMESTONE	2 TONS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE
MULCH, METHOD 2	2 TONS/ACRE
- 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 PRIOR TO THE START OF ANY EXCAVATION OR DEMOLITION.
- ALL UTILITIES TO BE RELOCATED BY OTHERS.
- 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.
- ALL DISTURBED AREAS WITHIN THE R.O.W. AND EASEMENTS SHALL BE SEEDED, FERTILIZED AND MULCHED, AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE 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.
- 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 ADDITIONAL APPLICATION.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- EARTHWORK COMPACTION SHALL BE IN ACCORDANCE WITH ARTICLE 205.06 OF THE STANDARD SPECIFICATIONS.
- ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT MIX ASPHALT BINDER COURSE OR LEVELING BINDER, WHEN SPECIFIED.
- EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

- THE LOCATION OF ANY NO PASSING ZONES WILL BE DOCUMENTED PRIOR TO RESURFACING. NOTIFY THE BUREAU OF OPERATIONS SO THE NO PASSING ZONES CAN BE FIELD VERIFIED (217) 785-5312.
- PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE FINAL PAVEMENT MARKING LAYOUT.
- IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.

**COMMITMENTS**

- THE FIELD/RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 STUDIES AND PLANS AT CONCERNING ANY MAJOR PLAN CHANGES TO ENSURE THAT ANY PREVIOUS COMMITMENTS (NOT LISTED) THAT WERE MADE AFFECTING THE DESIGN ARE MET, AND TO ALLOW IMPROVEMENTS TO THE DESIGN FOR FUTURE PROJECTS.
- TO ACCOMMODATE THE OWNER OF PARCELS 628B101 A & B, THE 14 FOOT WIDE RESTRICTION ON THE TEMPORARY RUNAROUND WILL ONLY BE IN FORCE BETWEEN JUNE 1, 2013 AND SEPTEMBER 15, 2013. THE OWNER WILL BE PROVIDED ACCESS AT ALL TIMES TO HIS FIELDS AND HAS BEEN ADVISED THAT ACCESS WILL INVOLVE ADVERSE TRAVEL UTILIZING TOWNSHIP ROADS BETWEEN JUNE 1, 2013 AND SEPTEMBER 15, 2013.

**HMA MIXTURES REQUIREMENTS**

MIXTURE USE(S):	HMA SURFACING, INCIDENTAL SURFACING	LEVELING BINDER	HMA BINDER, HMA BASE COURSE, BASE COURSE WIDENING & PATCHING
AC/PG GRADE:	PG64-22	PG64-22	PG64-22
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
FRICTION AGGREGATE:	MIX "C"	NONE	NONE

**DISTRICT SIX**

EXAMINED 12/7/12 20 12  
*William M. Beyer*  
 OPERATIONS ENGINEER

EXAMINED Dec 12 20 12  
*JRM LJ*  
 PROGRAM DEVELOPMENT ENGINEER

EXAMINED Dec 10 20 12  
*Tommy F. L.*  
 PROJECT IMPLEMENTATION ENGINEER

FILE NAME: D672862-sh1-gemmo.dgn  
 MODEL: Default  
 PLOT DRIVER: VBI\_PDF\_Plotter.fg



USER NAME: mmann	DESIGNED: MCV	REVISED:
FILE NAME: D672862-sh1-gemmo.dgn	DRAWN: CMM	REVISED:
PLOT SCALE: 100.0000' / 1"	CHECKED: MTM	REVISED:
PLOT DATE: 12/17/2012	DATE: 12/12	REVISED:

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES  
 SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113B-4	HANCOCK	57	2
CONTRACT NO. T2B62				
ILLINOIS FED. AID PROJECT				