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STATE STANDARDS

STANDARD NO.	DESCRIPTION
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420401-07	BRIDGE APPROACH PAVEMENT CONNECTOR
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
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630001-08	STEEL PLATE BEAM GUARDRAIL
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
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635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-01	SHOULDER RUMBLE STRIPS
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-05	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
701446-01	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701901-01	TRAFFIC CONTROL DEVICES
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720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720021-02	SIGN PANELS EXTRUDED ALUMINUM TYPE

GENERAL NOTES

- BEFORE STARTING WORK THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 811 OR (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AS REQUIRED.
- THE CONTRACTOR WILL COORDINATE WORK ACTIVITIES WITH THE ADJACENT I-94 CONTRACT NO. 60C08.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- VERTICAL CLEARANCES OF BRIDGES OVER I-94 SHALL BE MAINTAINED. HMA SURFACE REMOVAL AND PROPOSED HMA SURFACE THICKNESS WILL BE VARIED AS DIRECTED BY THE ENGINEER IF THE EXISTING BITUMINOUS DEPTH IS LESS THAN 4-1/4". THE CONTRACTOR SHALL VERIFY ALL BRIDGE CLEARANCES BEFORE AND AFTER CONSTRUCTION AND FURNISH RESULTS TO THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR CONSTRUCTION LAYOUT.
- THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS WHEN USING ARTIFICIAL LIGHTING DURING NIGHT OPERATIONS TO PREVENT ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- PATCHING, SHOULDER REMOVAL AND REPLACEMENT, AND SHOULDER RECONSTRUCTION LIMITS ARE SHOWN ON THE PLANS AND ARE SUBJECT TO CHANGE AS DIRECTED BY THE ENGINEER.
- BUTT JOINTS WILL BE INSTALLED AT THE END OF ALL RESURFACING SECTIONS TO MATCH EXISTING PAVEMENT. SEE DISTRICT DETAIL BD400-05 - BUTT JOINT AND HMA TAPER DETAILS FOR ALL PCC AND HMA BUTT JOINTS IDENTIFIED IN THE RESURFACING PLANS.
- CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER AT (847) 715-8422 TWO WEEKS BEFORE INSTALLING FINAL PAVEMENT MARKINGS.
- TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL RESPOND TO THE ENGINEER'S REQUEST WITHIN THIRTY (30) MINUTES FROM THE TIME OF THE NOTIFICATION.
- THE CONTRACTOR MAY WORK IN THE EASTBOUND AND WESTBOUND LANES SIMULTANEOUSLY.
- THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE, PLACE TEMPORARY PAVEMENT MARKING AND REMOVE TRAFFIC CONTROL AT THE END OF EACH NIGHT SHIFT PER ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS. VERTICAL BARRICADES WILL REMAIN IN PLACE ALONG THE EDGES OF PAVEMENT AS SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS UNTIL THE SURFACE COURSE AND PROPOSED PAVEMENT MARKING EDGE LINES HAVE BEEN COMPLETED.
- THE CONTRACTOR SHALL FURNISH AND INSTALL TWO WEIGHTED SANDBAGS ON ALL TYPE I AND TYPE II BARRICADES USED.
- TEMPORARY EDGE LINES SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC SHALL BE INSTALLED WITHIN 24 HOURS OF MILLING OR BINDER PLACEMENT.
- STRIP REFLECTIVE CRACK CONTROL TREATMENT WILL BE INSTALLED IMMEDIATELY IN FRONT OF THE HMA SURFACING OPERATION SO TRAFFIC WILL NOT DISTURB IT BEFORE BEING COVERED BY HMA. ANY CRACK CONTROL TREATMENT DISTURBED BY TRAFFIC WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR WILL MILL 4 FOOT LONG TRENCHES IN THE SHOULDER TO FACILITATE MAINLINE DRAINAGE WHEN THE MAINLINE SURFACE HAS BEEN REMOVED. THE TRENCH WILL BE LEVEL FROM THE OUTSIDE EDGE OF PAVEMENT AND TAPER 2 FEET AT EACH END TO MATCH THE MILLED SHOULDER ELEVATION. TRENCHES WILL BE CONSTRUCTED AT ALL SAG LOCATIONS AND SPACED AT 1000 FOOT CENTERS MINIMUM. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "HOT-MIX ASPHALT SURFACE REMOVAL, 4-1/4 INCH".
- THE ALIGNMENTS AND SUPPORTING DATA SHOWN IN THE PLANS WAS DEVELOPED FROM PREVIOUS PLANIMETRICS AND AERIAL PHOTOGRAPHY FURNISHED BY THE DEPARTMENT AND IS NOT THE RESULT OF A GROUND SURVEY. THEREFORE, THE ALIGNMENTS AND SUPPORTING DATA SHOWN IN THE PLANS IS FOR REFERENCE PURPOSES ONLY. THE RELATIVE ACCURACY OF THE INFORMATION IS UNKNOWN AND CANNOT BE GUARANTEED. THE CONTRACTOR MAY BE REQUIRED TO ADJUST LAYOUT TO MATCH ACTUAL FIELD CONDITIONS AND THE INTENT OF THE PLANS.
- AN EXISTING CURB AND GUTTER UNDER THE HMA SURFACE ALONG THE INSIDE SHOULDER MAY BE ENCOUNTERED DURING HMA SURFACE REMOVAL. IF ENCOUNTERED, THE MILLING DEPTH WILL BE ADJUSTED AT THE CURB AND THE HMA WILL BE REMOVED IN THE FLAG AS DIRECTED BY THE ENGINEER. COSTS SHALL BE INCLUDED IN THE UNIT PRICE FOR THE HMA SURFACE REMOVAL.

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	THICKNESS	AC TYPE	VOIDS
MAINLINE RESURFACING			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	1-3/4"	SBS PG 76-28/-22	4% @ 80 Gyr
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	1-3/4"	SBS PG 76-28/-22	4% @ 80 Gyr
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50	3/4"	SBS/SBR PG 76-28/-22	4% @ 50 Gyr
MAINLINE SHOULDER RESURFACING			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	1-3/4"	PG 64-22	4% @ 70 Gyr
US 6 RAMP & RAMP SHOULDER RESURFACING			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	2"	PG 64-22	4% @ 70 Gyr
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50	1"	SBS/SBR PG 76-28/-22	4% @ 50 Gyr
ALL OTHER RAMP & RAMP SHOULDER RESURFACING			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	1-3/4"	PG 64-22	4% @ 70 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	2-1/4"	PG 64-22 ¹	4% @ 70 Gyr
MAINLINE SHOULDER RECONSTRUCTION			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	1-3/4"	PG 64-22	4% @ 70 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	2-1/4"	PG 64-22 ¹	4% @ 70 Gyr
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm)	10"	PG 64-22 ¹	4% @ 70 Gyr
RAMP SHOULDER RECONSTRUCTION			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	1-3/4"	PG 64-22	4% @ 70 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	2-1/4"	PG 64-22 ¹	4% @ 70 Gyr
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm)	6"	PG 64-22 ¹	4% @ 70 Gyr
BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	1-3/4"	SBS PG 76-28/-22	4% @ 80 Gyr
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	1-3/4"	SBS PG 76-28/-22	4% @ 80 Gyr
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm)	10-1/2"	PG 64-22 ¹	4% @ 70 Gyr
PATCHING			
CLASS D PATCHES OF TYPE AND THICKNESS SPECIFIED (HMA BINDER IL-25 mm)	10"	PG 64-22	4% @ 105 Gyr
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-25 mm)	4" OR 6"	PG 64-22 ¹	4% @ 105 Gyr
HMA SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)			
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	8" (MIN) ²	PG 64-22 ¹	4% @ 70 Gyr
STABILIZED MEDIAN SURFACE			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	4"	PG 64-22	4% @ 50 Gyr

UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SMA SURFACE MIXTURES IS 135 LBS/SQ YD/IN.
UNIT WEIGHT USED TO CALCULATE ALL OTHER HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

¹ WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER SHOULD BE PG 58-22.

² ACTUAL THICKNESS SHALL BE THE GREATER OF THE EXISTING THICKNESS REMOVED OR THE MINIMUM THICKNESS SHOWN ABOVE.

INDEX OF SHEETS, STANDARDS, GENERAL NOTES & HMA REQUIREMENTS

FILE NAME = D:\60D21-002-GENNOTE.dgn	USER NAME = dwozniarski	DESIGNED - DRAWN - DMW	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BISHOP FORD EXPRESSWAY (I-94)		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	SHEET NO.
	PLOT SCALE = N/A	CHECKED - DATE - 2/7/2009	REVISED - REVISED -					94	(0405,ETC,42-7&07)RS-11	COOK	133	2
	PLOT DATE = 2/7/2009			SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60D21		