

**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2010; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD; "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION, THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
- HORIZONTAL CONTROL IS HARN (HPGN) ILLINOIS STATE PLANES EAST ZONE, US FOOT. VERTICAL CONTROL IS NAVD 88.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, MCHENRY COUNTY, AND THE VILLAGE OF ALGONQUIN, FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND GOVERNMENT AGENCIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- FULL-DEPTH SAW CUTS SHALL BE USED TO REMOVE EXISTING PAVEMENT AND APPURTENANCES FROM MATERIAL TO REMAIN IN ACCORDANCE WITH SECTION 440. THE COST OF THE FULL-DEPTH SAWING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
- THE CONTRACTOR SHALL PROTECT AND RELOCATE EXISTING MAILBOXES WHICH INTERFERE WITH THE WORK IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE POST OFFICE TO COORDINATE MAILBOX RELOCATION.
- NO ADDITIONAL COMPENSATION WILL BE MADE FOR REMOVAL OF STUMPS OR TREE ROOTS THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.
- PRIOR TO PLACING HOT-MIX ASPHALT ADJACENT TO EXISTING PAVEMENT TO REMAIN, THE EXPOSED EDGE SHALL BE CLEANED OF LOOSE MATERIAL TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE HMA BEING PLACED.
- THE THICKNESS OF HOT-MIX ASPHALT 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 HOT-MIX ASPHALT IS PLACED.
- THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND DEPOSITED AT LOCATIONS PROVIDED BY HIM, OR DISPOSED OF WITHIN THE RIGHT-OF-WAY IN A MANNER OTHER THAN BURNING, SUBJECT TO THE APPROVAL OF THE ENGINEER. NO EXTRA COMPENSATION WILL BE ALLOWED THE CONTRACTOR FOR ANY EXPENSE INCURRED BY COMPLYING WITH THE REQUIREMENTS OF THIS NOTE.

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- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION. THE CONTRACTOR SHALL RESET ALL SURVEY MARKERS, CONTROL POINTS AND TIES DISTURBED DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR AS "PERMANENT SURVEY MARKERS, TYPE II".
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
- SETTLEMENT PLATFORMS SHALL BE PLACED WHERE SHOWN ON THE PLANS AND CONSTRUCTED IN ACCORDANCE WITH SECTION 204.06 OF THE STANDARD SPECIFICATIONS. THE ENGINEER SHALL SURVEY AND RECORD THE ELEVATIONS FOR THE STEEL PLATE BASE, THE TOP OF EACH GRADE PIPE IMMEDIATELY PRIOR TO THE CONTRACTOR ADDING THE NEXT GRADE PIPE, AND THE TOP OF EACH GRADE PIPE AFTER IT HAS BEEN ADDED. THE ENGINEER SHALL ALSO SURVEY THE TOP GRADE PIPE EVERY 4 WEEKS THROUGHOUT THE DURATION OF THE PROJECT. THE COST OF FURNISHING, INSTALLING AND MAINTAINING SETTLEMENT PLATFORMS SHALL BE INCLUDED IN "EARTH EXCAVATION".  
  
THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION AROUND THE SETTLEMENT PLATFORMS. A FINE OF \$10,000 OR 0.10% OF THE CONTRACT VALUE, WHICHEVER IS GREATER, SHALL BE INCURRED FOR EACH INSTANCE OF DAMAGE TO A SETTLEMENT PLATFORM. THE ENGINEER SHALL BE THE SOLE JUDGE AS TO WHETHER A SETTLEMENT PLATFORM HAS BEEN DAMAGED BY THE CONTRACTOR.
- QUANTITIES HAVE BEEN INCLUDED FOR "CONCRETE HEADWALL FOR PIPE DRAINS" AND "BACKSLOPE DRAINS, TYPE 1 4'" IN THE EVENT THEY ARE NEEDED DURING CONSTRUCTION. IF THIS WORK IS NOT REQUIRED, THESE ITEMS WILL BE DEDUCTED FROM THE CONTRACT.
- HAULING MATERIAL FROM SITE IS PROHIBITED FROM ALGONQUIN ROAD ACCESS AND MEYER DRIVE.
- CONTRACTOR SHALL INSTALL "TRUCKS ENTERING AND LEAVING HIGHWAY" SIGNS, W21-1105 (MODIFIED) IN EACH DIRECTION ON ILLINOIS ROUTE 31 AND ON ALGONQUIN ROAD IN ADVANCE OF SITE ACCESS DRIVEWAYS PRIOR TO STARTING WORK.

**COMMITMENTS**

MEYER MATERIALS SHALL MAINTAIN ACCESS ACROSS THE SITE ON THE EXISTING INTERNAL ROADWAY CONNECTING TO MEYER DRIVE UNTIL THE RELOCATED MEYER DRIVE HAS BEEN COMPLETED AND IS OPENED FOR THEIR USE.

**MIXTURE REQUIREMENT**

PAY ITEM	AIR VOIDS @ Ndes
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (LL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) (12")	4% @ 50 GYR.
HOT-MIX ASPHALT SHOULDERS, 6"	
HOT-MIX ASPHALT SHOULDER (6")	2% @ 30 GYR.
PATCHING	
CLASS D PATCH (HMA BINDER IL-19 MM), 12"	4% @ 70 GYR.

NOTES:

- THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

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**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-03	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54")
542601-03	REINFORCED CONCRETE PIPE ELBOW
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN TYPE A
602401-03	MANHOLE TYPE A
602701-02	MANHOLE STEPS
604001-03	FRAMES AND LIDS TYPE 1
604036-02	GRATE TYPE 8
664001-02	CHAIN LINK FENCE
667101-02	PERMANENT SURVEY MARKERS
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS

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		DRAWN - CTB	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	18A-1	MCHENRY	115	2
	PLOT SCALE = 1:8000 1/4" = 100'	CHECKED - GAB	REVISED -		<b>CONTRACT NO. 60F78</b>							
	PLOT DATE = 1/27/2012	DATE - 1/20/2012	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							