

## GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURE 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 BITUMINOUS MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
<b>BITUMINOUS MATERIALS:</b>	
ON PAVEMENT	0.09 GAL./SQ. YD.
ON AGGREGATE SURFACE	0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.
RIPRAP	1.50 TONS/CU. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE.

SAWCUTS REQUIRED FOR BUTT JOINTS OR WHERE THE SURFACE REMOVAL ENDS SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT SURFACE REMOVAL.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT. INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

ALL PAVEMENT MARKINGS SHALL BE LOCATED AND RECORDED BEFORE SURFACE REMOVAL AND/OR HOT-MIX ASPHALT PLACEMENT.

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 PAVEMENT MARKING LAYOUT.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER. PATCHING SURVEY DATE: DECEMBER 2011.

AFTER A LIFT OF HOT-MIX ASPHALT HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150F.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, HOT-MIX ASPHALT RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT., THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OFWAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

STATIONING SHOWN IN THE SCHEDULES IS BASED ON STAMPED STATIONS IN THE EXISTING PAVEMENT AND FROM OLD PLANS. MINOR ADJUSTMENTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

FORMS FOR CONCRETE GUTTER; CONCRETE CURB; COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

### STRUCTURES WITHIN PROJECT LIMITS

<u>STRUCTURE NO.</u> 100-7013	<u>OPERATING RATING</u> NOT RATED	<u>INVENTORY RATING</u> NOT RATED	<u>POSTING</u> NONE	<u>MTD APPROVAL</u> NO MTD USED
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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.

CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

PLUG EXISTING CULVERTS TO BE USED FOR EACH CULVERT AND INCLUDES PLUGGING BOTH ENDS OF THE CULVERT. ANY EXISTING END SECTIONS ON THE CULVERT SHALL BE REMOVED AND THIS IS INCLUDED IN THE COST OF PLUG EXISTING CULVERTS.

EXISTING METAL END SECTIONS THAT ARE REQUIRED TO BE REMOVED SHALL BE INCLUDED IN THE COST OF CULVERT REMOVAL.

ALL AGGREGATE SHOWN ON STANDARD 606301 SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE MEDIAN SURFACE, 4 INCH.

PLACEMENT AND LOCATION OF PERMANENT SURVEY MARKERS SHALL BE DETERMINED BY THE ENGINEER IN COORDINATION WITH THE DISTRICT 9 SURVEYS UNIT. IN ADDITION TO THE REQUIREMENTS OF STANDARD 667101, BACKFILL USED IN CONJUNCTION WITH PRECAST MARKERS SHALL BE QUICK-MIX CONCRETE OR SIMILAR MATERIAL APPROVED BY THE ENGINEER.

PRIOR TO EXTENDING ANY PIPE CULVERT OR STORM SEWER, THE ENTIRE LENGTH OF THE EXISTING PIPE CULVERT OR STORM SEWER SHALL BE CLEANED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04.

THE FURNISHING AND INSTALLATION OF THE 1 1/2 IN. CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT SHALL BE INCLUDED IN THE LOOP INSTALLATION UNLESS SHOWN OTHERWISE ON THE PLANS.

THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

SHIELDED CABLE TO LOOP LEADS SHALL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.

ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2 IN. MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT

EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS SHALL BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS THE REMOVAL AND RESTORATION SHALL BE INCLUDED IN THE CONTRACT.

CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.

SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLES SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.

THE LOCATION OF THE DETECTOR LOOPS AND TRAFFIC SIGNAL FOUNDATIONS, AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER OF TRAFFIC OPERATIONS.

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.

ALL PROPOSED MAST ARMS SHALL BE LOCATED NO CLOSER THAN 6 FT. FROM FACE OF CURB TO CENTER OF POLE; ALL PROPOSED TRAFFIC SIGNAL POSTS WILL BE LOCATED NO CLOSER THAN 4 FT. FROM FACE OF CURB TO CENTER OF POST (UNLESS APPROVED BY TRAFFIC OPERATIONS).

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

ALL PEDESTRIAN PUSH-BUTTON POSTS SHALL BE EQUIPPED WITH TWO DIRECTIONAL SIGNS (R10.4A).

FILE NAME:	USER NAME: #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES STRUCTURES WITHIN PROJECT LIMITS, COMMITMENTS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE: 5/10/2012		DATE -	REVISED -								