

## 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 BITUMINOUS CONCRETE	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL./SQ. YD.
INTERMEDIATE LIFTS (FOG COAT)	0.04 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.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B

AFTER A LIFT OF BITUMINOUS CONCRETE HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150°

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT-OF-WAY WITHIN THE PROJECT LIMITS.

ALL EXISTING PAVEMENT MARKING SHALL BE LOCATED AND RECORDED BEFORE THE BITUMINOUS PRIME COAT IS APPLIED AND SHALL BE REPLACED ACCORDINGLY.

THE CENTERLINE PROFILE ELEVATION, LOCATIONS 2 - 6 SHOWN ON SHEETS 7 - 9 ARE REFERENCED. REFER TO THE PROFILES FOR TEMPORARY BENCHMARK INFORMATION. ADDITIONAL SETTLEMENT MAY HAVE OCCURED SINCE THESE SURVEYS WERE PERFORMED.

GRADING AND SHAPING OF THE AGGREGATE SHOULDERS MAY BE NEEDED AT VARIOUS LOCATIONS. THIS WORK SHALL BE INCIDENTAL TO THE COST OF THE AGGREGATE SHOULDERS.

AT LOCATION 2 PROVIDE A 1/4" BY 3/4" SAWED JOINT WITH ELASTIC JOINT SEALER AT BRIDGE JOINT (FULL WIDTH). THIS WORK SHALL BE INCIDENTAL TO THE COST OF THE BITUMINOUS SURFACE REMOVAL.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT AND SURFACE COURSE, AT THE RATE OF 4 FEET IN 40 FEET.

THE FOLLOWING GENERAL NOTES ARE SPECIFIC TO LOCATION 1:

REMOVAL OF SURFACE LOCATED IN GUTTER FLAG SHALL BE INCIDENTAL TO BITUMINOUS SURFACE REMOVAL.

THE FURNISHING AND INSTALLATION OF THE 1 1/2" 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 SAW CUT.

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

DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO THE FINAL SURFACE INSTALLATION. THE DETECTOR LOOP CORNERS SHALL BE DIAGONALLY CUT.

THE FINAL LOCATION OF THE DETECTOR LOOPS, AND TRAFFIC SIGNAL FOUNDATIONS SHALL BE APPROVED BY THE BUREAU OF OPERATIONS BEFORE INSTALLATION.

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

THE NEW LOOP SHALL ENTER THE HANDHOLD THROUGH THE EXISTING LOOP CONDUIT IN THE CURB AND GUTTER

COMMITMENTS: NONE.

## INDEX OF SHEETS

SHT NO	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, STANDARDS
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	SCHEDULE OF QUANTITIES
7	PLAN SHEET - LOCATION 1 - US 51/60/62
8	PROFILE - LOCATION 2 & LOCATION 3 - ILL 13
9	PROFILE - LOCATION 4 & LOCATION 5 - ILL 13
10	PROFILE - LOCATION 6 - ILL 13
11	DETAIL OF MILLING AND RESURFACING AT LOCATION 1 STRUCTURE NUMBER 083-0052
12	DETAILS: DETECTOR LOOPS; TEMPORARY BITUMINOUS CONCRETE TRANSITIONS UNEVEN LANES SIGN; ROUGH GROOVED SURFACE SIGN

## LOCATION DESCRIPTIONS

LOCATION 1 - EAST LEG OF INTERSECTION OF US 51/60/62  
 LOCATION 2 - ILLINOIS 13 EB STRUCTURE NO. 083-0052 BANKSTON FORK  
 LOCATION 3 - ILLINOIS 13 EB 0.65 MILES WEST OF LOVER'S LANE ROAD  
 LOCATION 4 - ILLINOIS 13 EB 0.5 MILES WEST OF LOVER'S LANE ROAD  
 LOCATION 5 - ILLINOIS 13 WB 1.1 MILES EAST OF BANKSTON FORK  
 LOCATION 6 - ILLINOIS 13 WB 0.78 MILES WEST OF LOVER'S LANE ROAD

## STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
482001	BITUMINOUS SHOULDER DETAILS - ADJACENT TO FLEXIBLE PAVEMENT
482011-01	BIT SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
701001-01	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
701006-02	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701306-01	LANE CLOSURE, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701421-01	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	ALEX./SALINE	12	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS			
CONTRACT NO 98983				
•VARIOUS				
•• D-9 CONT. MAINT. FY 07-06				

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