

**602-BITUMINOUS PRIME COAT NOTES:**

A PRIME COAT WILL BE APPLIED (0.35 GAL./S.Y.) ON THE CRUSHED AGGREGATE PRIOR TO PAVING THE BITUMINOUS SURFACE COURSE.

THE PROPOSED BITUMINOUS PRIME COAT WILL BE PAID FOR UNDER ITEM:  
AR602510 BITUMINOUS PRIME COAT \_\_\_\_\_ PER GAL.

**603-BITUMINOUS TACK COAT NOTES:**

A TACK COAT WILL BE APPLIED (0.10 GAL./S.Y.) ALONG THE BITUMINOUS EDGE AND BETWEEN LIFTS OF BITUMINOUS SURFACE COURSE.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM:  
AR603510 BITUMINOUS TACK COAT \_\_\_\_\_ PER GAL.

**AR401611 BITUMINOUS SURFACE COURSE - METHOD 1**

THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401001 "BITUMINOUS SURFACE COURSE-METHOD 1" AS STATED ON PAGE 245 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY CONTROL IN THE PRODUCTION AND CONSTRUCTION OF THE BITUMINOUS SURFACE COURSE.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING A BITUMINOUS WIDENING ADJACENT TO THE EXISTING AND PROPOSED PAVEMENT. THIS LIFT OF BITUMINOUS SURFACE COURSE SHALL MATCH THE ADJACENT BITUMINOUS GRADE. THE SUBSEQUENT LIFT SHALL BE CONSTRUCTED TO PROVIDE A SMOOTH TRANSITION FROM THE EXISTING PAVEMENT (STA. 1+05) TO THE PROPOSED CONCRETE PAVEMENT (STA. 0+50).

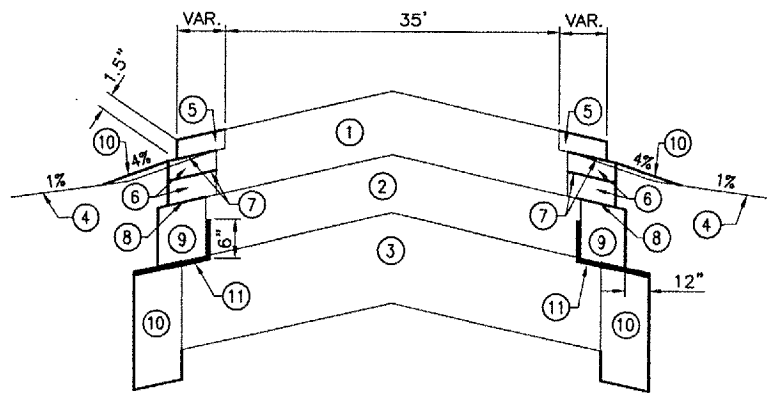
THE PROPOSED BITUMINOUS SURFACE COURSE WILL BE DESIGNED TO A MARSHALL DESIGN OF (LESS) THAN 60,000 POUNDS.

401-4.9 ADD THE FOLLOWING TO THIS SECTION:

WHEN HAND SPREADING IS PERMITTED, THE MIXTURE WILL BE DISTRIBUTED AND SPREAD USING HAND TOOLS. WHEN THE WORK IS COMPLETED, THE LAYER WILL HAVE THE REQUIRED THICKNESS AND CONFORM TO THE GRADE AND SURFACE CONTOUR SHOWN ON THE PLANS.

401-4.12 ADD THE FOLLOWING TO THIS PARAGRAPH:

ALL PAVEMENT EDGES (LONGITUDINAL, RADIUS, AND PAVEMENT ENDS) MUST BE LEFT IN PROPER ALIGNMENT AS SHOWN ON THE PLANS. THIS MAY BE ACCOMPLISHED BY THE TRIMMING METHOD OUTLINED ABOVE OR AT THE CONTRACTOR'S OPTION BY SAWING AFTER THE PAVING HAS BEEN COMPLETED. NO ADDITIONAL COMPENSATION WILL BE MADE IF THE SAWING METHOD IS USED.



TYPICAL SECTION FOR TAXIWAY "A-1"  
"NOT TO SCALE"

**LEGEND FOR TYPICAL SECTION**

- ① EXISTING BITUMINOUS (5-1/2")
- ② EXISTING CRUSHED AGGREGATE BASE COURSE (8" DEPTH)  
(REGRADE FOR 12.5' OF 6" CONCRETE PAVEMENT)
- ③ EXISTING SOIL PROCESSING (12" DEPTH)
- ④ EXISTING GRADE
- ⑤ PROPOSED BITUMINOUS SURFACE COURSE (1-1/2" LIFT)
- ⑥ PROPOSED BITUMINOUS SURFACE COURSE (2 @ 2" LIFTS)
- ⑦ PROPOSED TACK COAT (0.10 GAL./S.Y.)
- ⑧ PROPOSED PRIME COAT (0.35 GAL./S.Y.)
- ⑨ PROPOSED CRUSHED AGGREGATE BASE COURSE (8" DEPTH)
- ⑩ PROPOSED UNCLASSIFIED EXCAVATION
- ⑪ PROPOSED SEPARATION FABRIC

**BITUMINOUS PAVEMENT MILLING**

THE AREA(S) DESIGNATED AS [Hatched Pattern] ON THIS SHEET WILL BE CUT OR TRIMMED AS SHOWN. THE CUTTING OR TRIMMING WILL BE DONE BY ROTO-MILLING. THE TOLERANCE OF THE MILLING WILL BE AS STATED IN THE STANDARD SPECIFICATIONS. THE SURFACE WILL BE MILLED TO PROVIDE FOR A MINIMUM 1-1/2" SURFACE COURSE.

THE PROPOSED BUTT JOINT WILL BE SAWED IF A STRAIGHT TRUE EDGE IS NOT ESTABLISHED. SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED BITUMINOUS PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL MILLED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

PRIOR TO APPLYING THE BITUMINOUS OVERLAY ALL MILLED MATERIAL WILL BE BROOMED AND BLOWN CLEAN AND A BITUMINOUS TACK COAT APPLIED (0.10 GAL./S.Y.). THE VERTICAL FACE OF ALL SAW CUTS WILL BE PAINTED WITH A LIQUID ASPHALT.

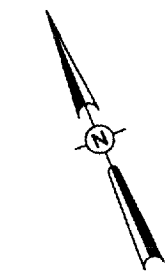
ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR401650 "BITUMINOUS PAVEMENT MILLING" - PER S.Y.

**LEGEND**

- [Solid Box] EXISTING IMPROVEMENTS
- [Dotted Box] PROPOSED IMPROVEMENTS
- [Diagonal Hatched Box] PROPOSED PAVEMENT REMOVAL
- [Cross-hatched Box] PROPOSED BITUMINOUS PAVEMENT MILLING



0' 25' 50' 100'  
HALF SIZE SCALE: 1" = 100'  
FULL SIZE SCALE: 1" = 50'

DATE	REVISION	BY

EFFINGHAM COUNTY  
MEMORIAL AIRPORT  
EFFINGHAM, ILLINOIS

A.I.P. PROJ.: 3-17-0040-811  
I.L. PROJ.: 1H2-3761

HE Project No. 07A0143D 0800	DATE 02/12/08
Filename R-121CON.DWG	LAYOUT
Scale 1" = 50'	DRAWN KOM
	BAK
	REVIEWED CAH
	11/28/07
	11/28/07
	02/12/08

Hanson Professional Services Inc.  
1525 South Sixth Street  
Springfield, Illinois 62703-2886  
Offices Nationwide

WIDEN RUNWAY 11/29  
AND REPLACE MRL'S  
PROPOSED  
CONSTRUCTION PLAN  
STA. 123+00 TO STA. 109+00

APR 09, 2008 6:21 PM HAGL0003B2 I:\AIRPORTS\EFFINGHAM\07A0143\CAD\SHEETS\R-121CON.DWG - CONST 3