

BITUMINOUS PAVEMENT GROOVING

THE PROPOSED GROOVES WILL BE CUT PERPENDICULAR TO THE RUNWAY CENTERLINE AND WILL TERMINATE 10' FROM THE RUNWAY PAVEMENT EDGE.

THE PROPOSED RUNWAY 5/23 WILL BE GROOVED CONTINUOUSLY FROM STA. 5+05 TO STA. 64+93

THE GROOVES WILL BE 1/4" WIDE, 1/4" DEEP AND PLACED ON 1 1/2" CENTERS

TOLERANCES ON THE GROOVING WILL BE ±1 1/2" IN ALIGNMENT FOR 75', ±1/16" IN DEPTH, ±1/16" IN WIDTH, ±1/32" IN GROOVE SPACING.

ALL SOLID MATERIAL GENERATED FROM GROOVING OPERATIONS WILL BE PICKED UP AND DISPOSED OF AT AN APPROVED LAND FILL OFF THE AIRPORT SITE, AT THE CONTRACTOR'S OWN EXPENSE.

NO MATERIAL WHICH IS HARMFUL TO VEGETATION WILL BE FLUSHED FROM THE GROOVED PAVEMENT ONTO THE TURFED SHOULDER, BUT WILL BE PICKED UP AND HAULED TO A LOCATION OFF THE AIRPORT SITE AT THE CONTRACTOR'S OWN EXPENSE.

IMMEDIATELY FOLLOWING THE GROOVING MACHINE THE PAVEMENT WILL BE FLUSHED, CLEANED AND CLEARED OF ALL MATERIAL GENERATED BY THE GROOVING OPERATION.

THE GROOVING OF THE INTERSECTION OF RUNWAY 5-23 AND RUNWAY 15-33 WILL REQUIRE SHORT TERM CLOSURE OF RUNWAY 15-33. THE CLOSURE IS NOT TO EXCEED 6 HRS. A 24 HOUR NOTICE IS REQUIRED PRIOR TO THE TEMPORARY CLOSURE.

THE BITUMINOUS PAVEMENT GROOVING WILL BE PAID FOR UNDER ITEM: AR401640 "BITUMINOUS PAVEMENT GROOVING" PER S.Y.

QUANTITY OF BITUMINOUS PAVEMENT GROOVING:
PROPOSED RUNWAY: 93,716 S.Y.

603-BITUMINOUS TACK COAT NOTES:

THE BITUMINOUS TACK COAT (603) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR603 "BITUMINOUS TACK COAT" AS STATED ON PAGE 62 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED BITUMINOUS TACK COAT SHALL BE PLACED ON THE MILLED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE PROPOSED BITUMINOUS SURFACE COURSE. THE MILLED BITUMINOUS PAVEMENT SHALL HAVE A TACK COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

QUANTITY OF MATERIAL.

AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004. A RATE OF 0.15 GAL/SY WAS USED FOR THE QUANTITY CALCULATION.

BITUMINOUS MATERIAL.

AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

WEATHER LIMITATIONS.

AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

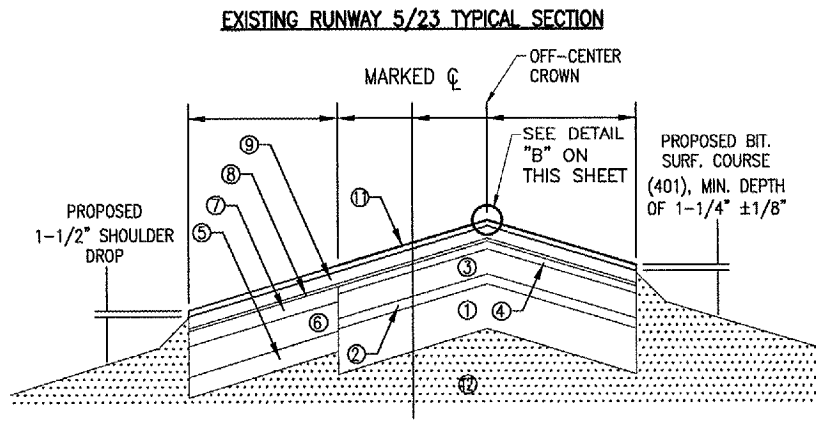
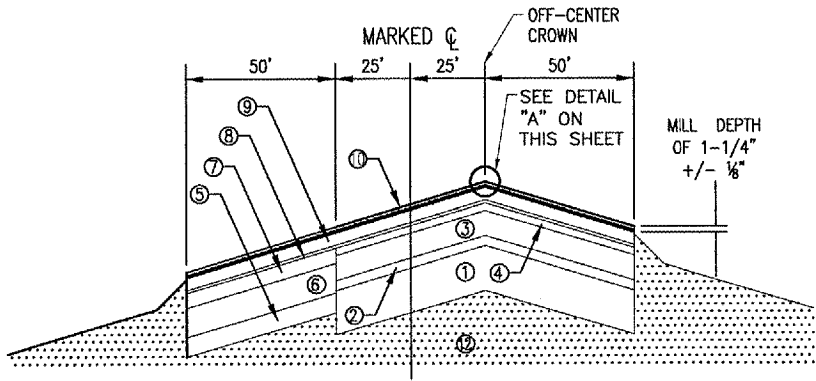
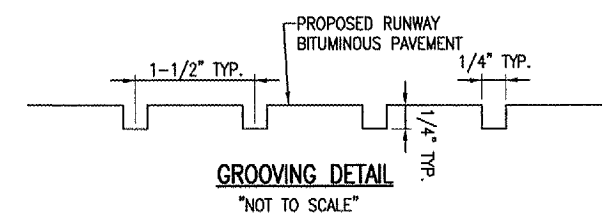
APPLICATION OF BITUMINOUS MATERIAL.

AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM: AR603510 BITUMINOUS TACK COAT 16,502 GAL.

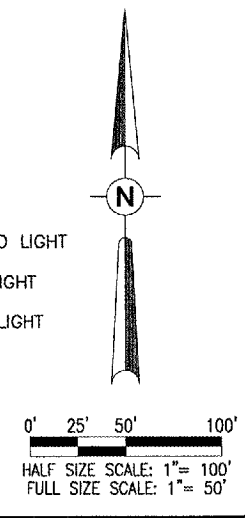
BITUMINOUS PAVEMENT GROOVING/BITUMINOUS CURE TIME

THE CONTRACTOR SHALL NOT PROCEED WITH GROOVING UNTIL THE NEW BITUMINOUS SURFACE COURSE HAS CURED FOR A MINIMUM OF 72 HOURS. IF GROOVING OPERATIONS RESULT IN TEARING OF THE MAT OR DISPLACEMENT OF THE AGGREGATE IN THE MAT THE CONTRACTOR SHALL CEASE GROOVING OPERATIONS UNTIL THE PAVEMENT HAS ADEQUATELY CURED.



- LEGEND**
- ① - EXISTING AGGR. BASE (9")
 - ② - EXISTING BIT. SURFACE COURSE (2")
 - ③ - EXISTING BIT. BASE COURSE (5")
 - ④ - EXISTING BIT. SURFACE COURSE (1-1/2")
 - ⑤ - EXISTING AGGR. BASE (4")
 - ⑥ - EXISTING BIT. BASE COURSE (6")
 - ⑦ - EXISTING BIT. SURFACE COURSE (3")
 - ⑧ - EXISTING POROUS FRICTION COURSE (5/8")
 - ⑨ - EXISTING BIT. BASE COURSE (3")
 - ⑩ - EXISTING POROUS FRICTION COURSE (5/8")
 - ⑪ - PROPOSED BIT. SURFACE COURSE (1-1/4" +/- 1/8")
 - ⑫ - EXISTING SUBGRADE

- LEGEND**
- [---] EXISTING PAVEMENT
 - [---] PROPOSED PAVING LIMITS
 - [---] PROPOSED GROOVING
 - [---E---] EXISTING ELECTRICAL CABLE
 - [■] EXISTING BASE MOUNTED THRESHOLD LIGHT
 - [■] EXISTING BASE MOUNTED RUNWAY LIGHT
 - [○] EXISTING STAKE MOUNTED TAXIWAY LIGHT
 - [▷] EXISTING REILS
 - [□] EXISTING VASI
 - [■] EXISTING TAXI GUIDANCE SIGN
 - [---] EXISTING ELECTRICAL DUCT



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<p>HANSON Professional Services, Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide</p>	<p>REHABILITATE RUNWAY 5-23</p> <p>PROPOSED CONSTRUCTION PLAN</p> <p>STA. 5+00 TO STA. 19+00</p>	<p>7</p> <p>7 of 27 sheets</p>	<p>FILE PROJECT: B19-05RWYD_0803 FILENAME: R-121CON.dgn SCALE: 1" = 50' DATE: 11/30/04</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>LAYOUT</td> <td>R.A.W.</td> <td>11/30/04</td> </tr> <tr> <td>DRAWN</td> <td>B.A.K.</td> <td>11/30/04</td> </tr> <tr> <td>REVIEWED</td> <td>C.A.H.</td> <td>11/30/04</td> </tr> </table>	LAYOUT	R.A.W.	11/30/04	DRAWN	B.A.K.	11/30/04	REVIEWED	C.A.H.	11/30/04	<p>PROJECT: MN-3428 A.I.P. PROJ.: 3-17-0074-B11</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REVISION</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISION	DATE	BY									
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