

**PAVEMENT SAWING NOTES**

THE EAST EDGE OF THE EXISTING T-HANGAR APRON AND ACCESS TAXWAY WILL BE SAWED FULL DEPTH AT A DISTANCE OF 3" FROM THE PAVEMENT EDGE.

THE PROPOSED SAWING WILL REMOVE THE ROLLED DOWN EDGE AND PROVIDE A STRAIGHT PAVEMENT EDGE TO BUTT AGAINST.

THE CONTRACTOR WILL MARK THE PROPOSED SAW LINE IN THE FIELD.

THE BITUMINOUS PAVEMENT CUT FROM THE T-HANGAR APRON AND ACCESS TAXWAY WILL BE COLLECTED AND DISPOSED OF OFF THE AIRPORT SITE.

THE BITUMINOUS PAVEMENT SAWING AND ALL ASSOCIATED WORK WILL BE PAID FOR UNDER ITEM: AR401665 BITUMINOUS PAVEMENT SAWING \_\_\_\_\_ 270 L.F.

**209 - CRUSHED AGGREGATE BASE COURSE NOTES**

THE CRUSHED AGGREGATE BASE COURSE (209) SHALL BE PLACED IN ACCORDANCE WITH ITEM 209 "CRUSHED AGGREGATE BASE COURSE" AS STATED ON PAGE 45 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE CRUSHED AGGREGATE BASE COURSE MATERIAL (CA-6) WILL BE USED TO CONSTRUCT A BASE COURSE FOR THE PROPOSED BITUMINOUS BASE COURSE (201). THE CRUSHED AGGREGATE BASE COURSE MATERIAL WILL BE 6-1/2" IN DEPTH AND COMPACTED TO NOT LESS THAN 95 PERCENT DENSITY.

THE PROPOSED AGGREGATE FOR THE BASE COURSE MATERIAL SHALL MEET THE REQUIREMENTS OF GRADATION "B" IN TABLE 1 OF THE SUPPLEMENTAL SPECIFICATIONS.

209-3.2 EQUIPMENT. ADD THE FOLLOWING PARAGRAPHS TO THIS SECTION:

"PROVISIONS SHALL BE MADE BY THE CONTRACTOR FOR FURNISHING WATER AT THE PLANT AND AT THE SITE OF THE WORK BY EQUIPMENT OF AMPLE CAPACITY AND OF SUCH DESIGN AS TO ASSURE UNIFORM MIXING AND APPLICATION."

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER A PROCTOR CURVE SHOWING OPTIMUM DENSITY AND MOISTURE FOR THE SUPPLIED BASE COURSE MATERIAL.

THE COMPACTION CONTROL TEST TO BE USED SHALL BE FAA COMPACTION CONTROL TEST T-611 FOR AIRCRAFT WEIGHING LESS THAN 60,000 LBS.

209-4.1. DELETE THE FIFTH SENTENCE AND REPLACE IT WITH THE FOLLOWING:

"IF AT THE TIME THE AGGREGATES ARE WEIGHED THEY CONTAIN MORE THAN SIX (6) PERCENT OF ABSORBED AND FREE MOISTURE BY WEIGHT, A DEDUCTION FOR THE MOISTURE IN EXCESS OF THIS AMOUNT SHALL BE MADE IN DETERMINING THE PAY QUANTITY."

THE PROPOSED CRUSHED AGGREGATE BASE COURSE WILL BE PAID FOR UNDER ITEM: AR209510 CRUSHED AGGREGATE BASE COURSE \_\_\_\_\_ 1,952 TONS.

**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.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING 1 LIFT OF BITUMINOUS SURFACE COURSE (1.5 INCH DEPTH) ON THE PROPOSED BITUMINOUS PAVEMENT.

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

PRIOR TO STARTING THE AGGREGATE BITUMINOUS SURFACE COURSE OPERATION, THE CONTRACTOR SHALL SUBMIT TO THE RESIDENT ENGINEER A DETAILED OUTLINE SHOWING AREAS AND ORDER OF PAVING WIDTHS OF PAVING LANES, AND REQUIRED OFFSETS FOR ELECTRONIC GRADE.

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.

PAVING QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR156513	SEPARATION FABRIC	S.Y.	4,843
AR201610	BITUMINOUS BASE COURSE	TON	715
AR208540	OVERSIZED AGGREGATE	TON	2,238
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	1,952
AR401610	BITUMINOUS SURFACE COURSE	TON	426
AR602510	BITUMINOUS PRIME COAT	GAL.	1,682
AR603510	BITUMINOUS TACK COAT	GAL.	715

**AR201-BITUMINOUS BASE COURSE NOTES**

THE BITUMINOUS BASE COURSE (201) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR201002 "BITUMINOUS BASE COURSE-METHOD 1" AS STATED ON PAGE 185 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING ONE LIFT OF BITUMINOUS BASE COURSE (2-1/2 INCH DEPTH) ON THE PROPOSED CRUSHED AGGREGATE BASE COURSE FOR THE PROPOSED RUNWAY EXTENSION.

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

**602-BITUMINOUS PRIME COAT NOTES:**

THE BITUMINOUS PRIME COAT (602) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR602 "BITUMINOUS PRIME COAT" AS STATED ON PAGE 58 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004

THE PROPOSED BITUMINOUS PRIME COAT SHALL BE PLACED ON THE PROPOSED AGGREGATE BASE COURSE PRIOR TO THE PLACEMENT OF THE FIRST LIFT OF PROPOSED BITUMINOUS SURFACE COURSE. FOR ESTIMATE PURPOSES, A RATE OF 0.35 GAL./S.Y. WAS USED. THE PROPOSED AGGREGATE BASE COURSE SHALL HAVE A PRIME COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

THE PROPOSED BITUMINOUS PRIME COAT WILL BE PAID FOR UNDER ITEM: AR602510 BITUMINOUS PRIME COAT \_\_\_\_\_ 1,682 GAL.

**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 PROPOSED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS SURFACE COURSE. FOR ESTIMATING PURPOSES A RATE OF 0.15 GAL./S.Y. WAS USED.

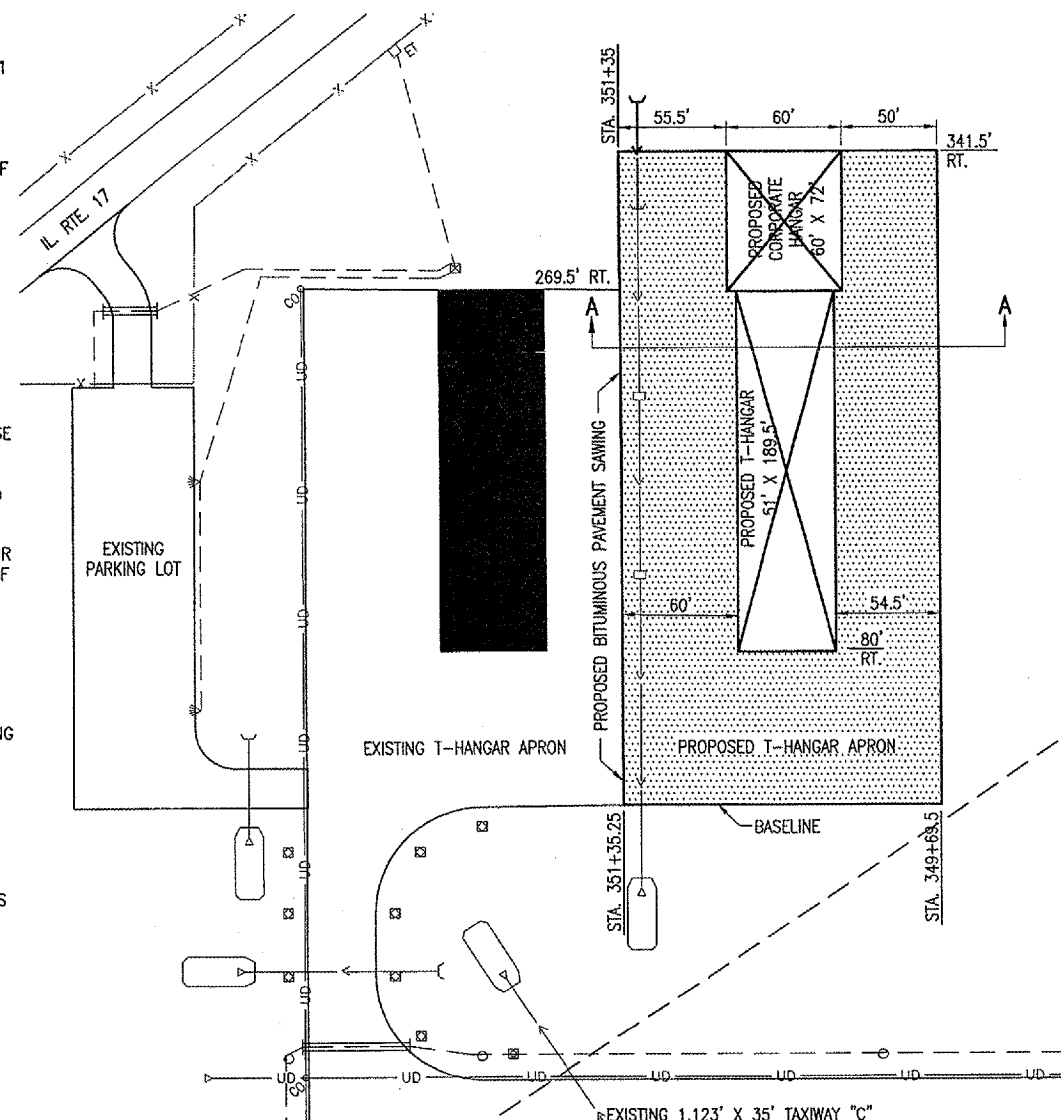
THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM: AR603510 BITUMINOUS TACK COAT \_\_\_\_\_ 715 GAL.

**156-SEPARATION FABRIC NOTES:**

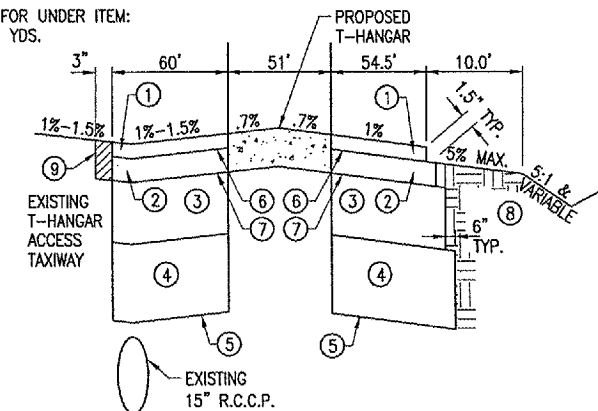
THE SEPARATION FABRIC (156) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR156 "SEPARATION FABRIC" AS STATED ON PAGE 180 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED SEPARATION FABRIC SHALL BE PLACED ON THE SUBGRADE PRIOR TO THE PLACEMENT OF THE PROPOSED OVERSIZE AGGREGATE. THE SEPARATION FABRIC SHALL BE PLACED TO THE WIDTHS SHOWN ON THE PROPOSED PAVEMENT TYPICAL SECTION.

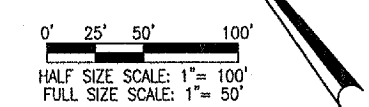
THE PROPOSED SEPARATION FABRIC WILL BE PAID FOR UNDER ITEM: AR156513 SEPARATION FABRIC \_\_\_\_\_ 4,843 SQ. YDS.



- LEGEND**
- [Pattern] EXISTING IMPROVEMENTS
  - [Pattern] PROPOSED IMPROVEMENTS
  - [Pattern] EXISTING BUILDINGS
  - [Pattern] PROPOSED BUILDINGS
  - x- EXISTING FENCE
  - <- EXISTING R.C.C.P.
  - >- PROPOSED R.C.C.P.
  - UD- EXISTING UNDERDRAIN
  - ( ) EXISTING HEADWALL (TO BE REMOVED)
  - ( ) PROPOSED HEADWALL
  - ( ) EXISTING END SECTION
  - ( ) EXISTING INLET (TO BE ADJUSTED)
  - ( ) EXISTING INSPECTION HOLE
  - - - EXISTING ELECTRICAL CABLE
  - [Symbol] EXISTING ELECTRICAL DUCT
  - [Symbol] EXISTING BASE MOUNTED TAXIWAY LIGHT
  - ( ) EXISTING STAKE MOUNTED TAXIWAY LIGHT
  - [Symbol] EXISTING ELEVATED TAXIWAY REFLECTOR
  - [Symbol] EXISTING PARKING LOT LIGHT
  - [Symbol] EXISTING DISTRIBUTION PANEL
  - [Symbol] EXISTING ELECTRICAL TRANSFORMER
  - ( ) EXISTING ELECTRICAL MANHOLE



- LEGEND FOR TYPICAL SECTION "A-A"**
- (1) 401 - BITUMINOUS SURFACE COURSE (1-1/2" DEPTH)
  - (2) 201 - BITUMINOUS BASE COURSE (2-1/2" DEPTH)
  - (3) 209 - CRUSHED AGGREGATE BASE COURSE (6-1/2" DEPTH)
  - (4) 208 - OVERSIZE STABILIZING AGGREGATE (8" DEPTH)
  - (5) 156 - SEPARATION FABRIC
  - (6) 603 - BITUMINOUS TACK COAT (0.15 GAL./S.Y.)
  - (7) 602 - BITUMINOUS PRIME COAT (0.35 GAL./S.Y.)
  - (8) EARTH SUBGRADE
  - (9) PROPOSED BITUMINOUS PAVEMENT REMOVAL TO FORM A STRAIGHT EDGE



MA023

DATE	REVISION	BY

MARSHALL COUNTY AIRPORT  
LACON, ILLINOIS

Project No. B11-06THG-0800	Drawn R-121CON.DWG	Date 10/11/05
Scale 1" = 50'	LAYOUT B.A.K.	10/11/05
	DRAWN B.A.K.	10/11/05
	REVIEWED C.A.H.	xx/xx/xx

**HANSON**  
Hanson Professional Services Inc.  
1100 E. Main Street  
Springfield, Illinois 62703-2886  
Offices Nationwide

PROPOSED T-HANGAR  
ACCESS TAXWAY  
PROPOSED  
CONSTRUCTION  
PLAN

JAN 23, 2006 12:28 PM CAH  
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