

AR401611 BITUMINOUS SURFACE COURSE—METHOD 1, SUPERPAVE

THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401003 "BITUMINOUS SURFACE COURSE—METHOD 1, SUPERPAVE" AS STATED ON PAGE 129 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING 1 LIFT OF BITUMINOUS SURFACE COURSE—METHOD 1, SUPERPAVE (2 INCH DEPTH EACH) ON THE BITUMINOUS BASE COURSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY CONTROL IN THE PRODUCTION AND CONSTRUCTION OF THE BITUMINOUS SURFACE COURSE METHOD 1, SUPERPAVE.

THE PROPOSED BITUMINOUS SURFACE COURSE METHOD 1, SUPERPAVE WILL BE DESIGNED TO A SUPERPAVE DESIGN OF ((LESS) THAN 60,000 POUNDS.

401-4.9 ADD THE FOLLOWING TO THIS SECTION:

IF GRADE IS ESTABLISHED DURING THE PLACEMENT OF THE BITUMINOUS BASE COURSE, THE N THE PLACEMENT OF THE BITUMINOUS SURFACE COURSE SHALL BE LAID WITH A TRAVELING SKI ON BOTH SIDES OF THE PAVER FOR THE CENTER LANE WITH A MATCHING SHOE AND TRAVELING SKI ON ADJACENT LANES.

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.

THE PROPOSED BITUMINOUS SURFACE COURSE WILL BE PAID FOR UNDER ITEM:
AR401613 BIT. SURF. CSE. - METHOD 1, SUPERPAVE _ _ PER TON.

AR209—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 93 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THE CRUSHED AGGREGATE BASE COURSE MATERIAL (CA-6) WILL BE USED TO CONSTRUCT A BASE COURSE FOR THE PROPOSED BITUMINOUS BASE COURSE (403). THE CRUSHED AGGREGATE BASE COURSE MATERIAL WILL BE 10" IN DEPTH AND COMPACTED TO NOT LESS THAN 100 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.

209-3.3 PLACING AND SPREADING.

AS PER THIS SECTION THE CONTRACTOR WILL PLACE THE AGGREGATE BASE COURSE USING A SPREADER BOX OR OTHER APPROVED DEVICES OR METHODS THAT SHALL SPREAD THE AGGREGATE TO THE REQUIRED DEPTHS WHILE MINIMIZING THE NEED TO "RE-HANDLE" THE MATERIAL.

C. METHOD OF PLACING. REVISE THE FIRST SENTENCE TO READ AS FOLLOWS:

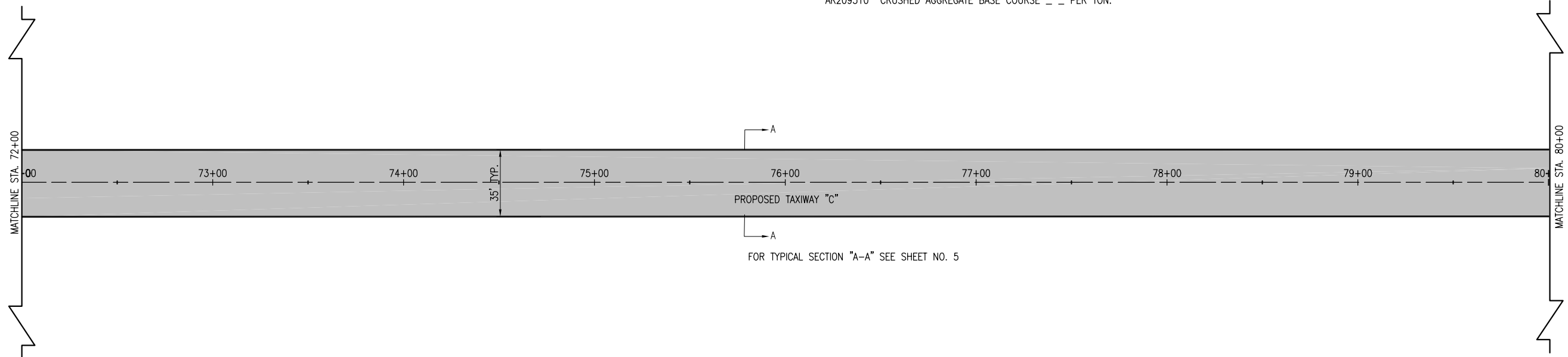
"THE CONTRACTOR WILL BE ALLOWED TO PLACE THE PROPOSED AGGREGATE BASE COURSE IN TWO LIFTS PROVIDED HE CAN DEMONSTRATE HE CAN OBTAIN THE REQUIRED COMPACTION THROUGHOUT EACH LIFT."

209-3.4 FINISHING AND COMPACTING

AS PER THIS SECTION THE CONTRACTOR WILL FURNISH A 16-FOOT STRAIGHTEDGE TO TEST THE COMPLETED SURFACE OF THE AGGREGATE BASE COURSE.

THE PROPOSED CRUSHED AGGREGATE BASE COURSE WILL BE PAID FOR UNDER ITEM:

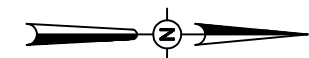
AR209510 CRUSHED AGGREGATE BASE COURSE _ _ PER TON.



FOR TYPICAL SECTION "A-A" SEE SHEET NO. 5

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS



0' 15' 30' 60'
HALF SIZE SCALE: 1" = 60'
FULL SIZE SCALE: 1" = 30'

Hanson Project No. 10A0094D_0800	
Filename	R-121CON.DWG
Scale	1" = 30'
Date	02/04/11
LAYOUT	MDR 02/11/11
DRAWN	MDR 02/11/11
REVIEWED	CAH 02/17/11

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

**TAXIWAY "C"
EXTENSION**

PROPOSED CONSTRUCTION
PLAN STA. 72+00 TO STA. 80+00

BY									
REVISION									
DATE									
LITCHFIELD MUNICIPAL AIRPORT LITCHFIELD, ILLINOIS									
IL. PROJ.: 31F-4046 A.I.P. PROJ.: 3-17-0063-B17									