

LEGEND PROPOSED TYPICAL SECTION A-A "NOT TO SCALE"

- ① PROPOSED AR401: 2" BITUMINOUS SURFACE COURSE
- ② PROPOSED AR603: BITUMINOUS TACK COAT BETWEEN BITUMINOUS LIFTS (2 LIFTS=1 SURFACE/1 BASE)
- ③ PROPOSED AR201: 3" BITUMINOUS BASE COURSE
- ④ PROPOSED AR602: BITUMINOUS PRIME COAT
- ⑤ PROPOSED AR209: CRUSHED AGGREGATE BASE - 6"
- ⑥ PROPOSED AR208: OVERSIZED AGGREGATE BASE - 8"
- ⑦ EXISTING GROUND

**REMOVE BITUMINOUS PAVEMENT**  
 THE AREA(S) DESIGNATED AS [Hatched Pattern] ON THIS SHEET WILL HAVE THE EXISTING PAVEMENT REMOVED (FULL DEPTH) TO A SUITABLE SUBGRADE. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

WHERE THE PROPOSED REMOVAL AREA ABUTTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED AS SHOWN ON THIS SHEET. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
 AR401900 "REMOVE BITUMINOUS PAVEMENT" - PER S.Y.

**AR201003 BITUMINOUS BASE COURSE - METHOD 1, SUPERPAVE**

THE BITUMINOUS BASE COURSE (201) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR201003 "BITUMINOUS BASE COURSE-METHOD 1, SUPERPAVE" AS STATED ON PAGE 209 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 (3 INCH DEPTH) ON THE PROPOSED CRUSHED AGGREGATE BASE COURSE FOR THE PROPOSED TAXIWAY EXTENSION.

ALL BITUMINOUS PAVEMENT WILL BE PAVED IN ACCORDANCE WITH PAGE 209 OF THE RECURRING SPECIAL PROVISIONS.

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

THE PROPOSED BITUMINOUS BASE COURSE WILL BE DESIGNED TO A SUPERPAVE DESIGN OF (LESS) THAN 60,000 POUNDS FOR RUNWAY/TAXIWAY PAVEMENTS.

201-4.9 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.

201-4.11 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.

**COORDINATE DATA - TAXIWAY "A" & "A3" BASELINES**

POINT ID.	BASELINE	STATION	OFFSET	EASTING (X)	NORTHING (Y)
A	RWY 18-36	17+17.50	0	1044764.8863	516149.9396
B	TXY "A3"	0+37.50	0	1044802.5056	516149.8574
C	TXY "A"	17+00.00	0	1045004.8474	516131.9151
D	TXY "A"	17+17.50	0	1045004.8857	516149.4150

**COORDINATE DATA - TAXIWAY "A" & "A3"**

POINT No.	BASELINE	STATION	OFFSET	EASTING (X)	NORTHING (Y)
1	TXY "A3"	0+37.50	17.50' RT.	1044802.3479	516132.3577
2	TXY "A3"	0+38.00	67.50' LT.	1044803.1140	516217.3562
3	TXY "A3"	0+88.00	17.50' LT.	1044853.0046	516167.2470
4	TXY "A3"	0+88.00	67.50' LT.	1044853.1139	516217.2469
5	TXY "A3"	1+72.50	17.50' LT.	1044937.4242	516167.0625
6	TXY "A3"	1+72.50	67.50' LT.	1044937.5335	516217.0624
7	TXY "A"	17+00.00	17.50' RT.	1045022.3474	516131.8768
8	TXY "A"	17+85.00	17.50' LT.	1044987.5334	516216.9535

**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 269 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING THE FIRST LIFT OF BITUMINOUS LEVELING COURSE (2 INCH DEPTH) ON A BITUMINOUS BASE COURSE.

ALL BITUMINOUS PAVEMENT WILL BE PAVED IN ACCORDANCE WITH PAGE 269 OF THE RECURRING SPECIAL PROVISIONS.

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

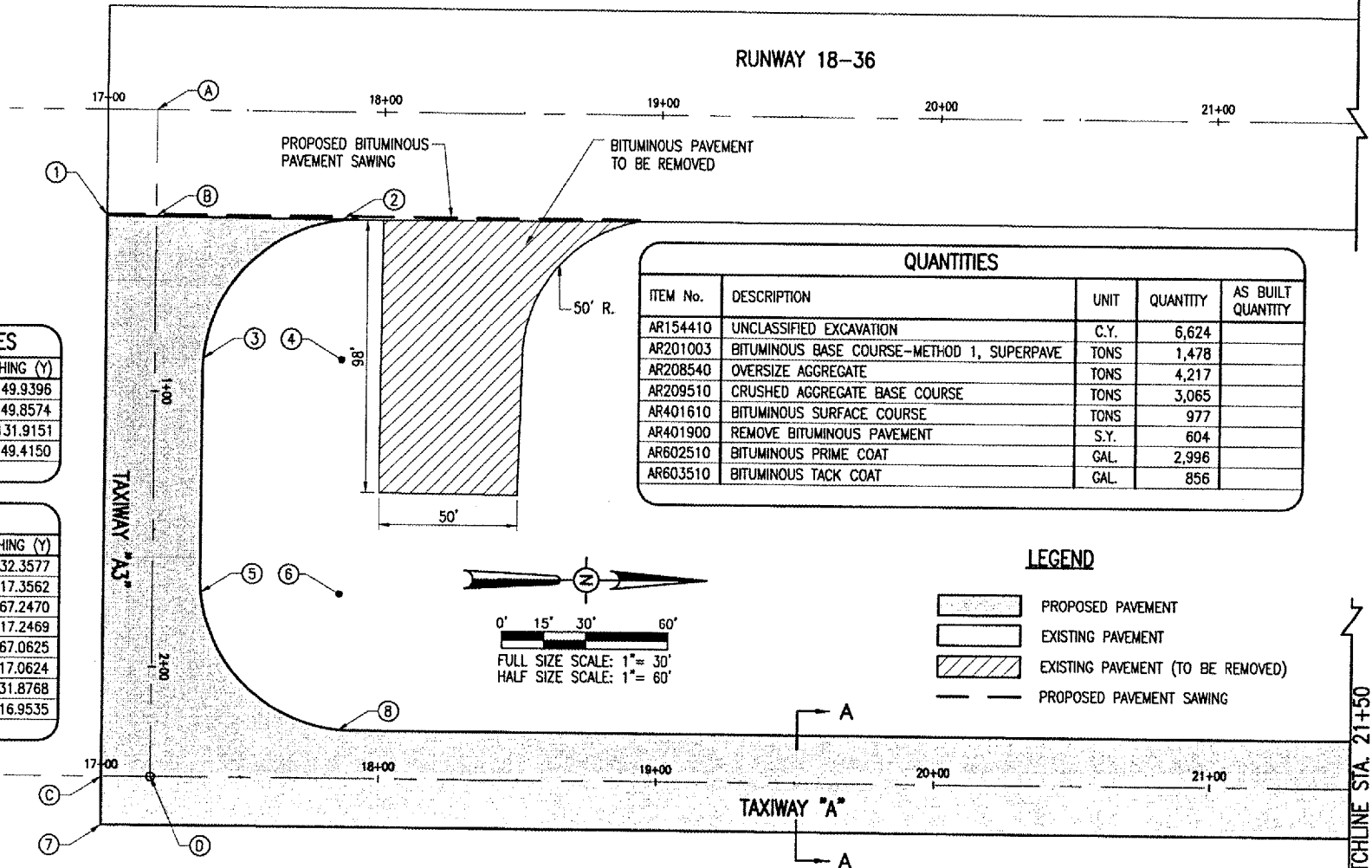
THE PROPOSED BITUMINOUS SURFACE COURSE WILL BE DESIGNED TO A SUPERPAVE DESIGN OF (LESS) THAN 60,000 POUNDS FOR RUNWAY/TAXIWAY PAVEMENTS.

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.



QUANTITIES				
ITEM No.	DESCRIPTION	UNIT	QUANTITY	AS BUILT QUANTITY
AR154410	UNCLASSIFIED EXCAVATION	C.Y.	6,624	
AR201003	BITUMINOUS BASE COURSE-METHOD 1, SUPERPAVE	TONS	1,478	
AR208540	OVERSIZE AGGREGATE	TONS	4,217	
AR209510	CRUSHED AGGREGATE BASE COURSE	TONS	3,065	
AR401610	BITUMINOUS SURFACE COURSE	TONS	977	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	604	
AR602510	BITUMINOUS PRIME COAT	GAL	2,996	
AR603510	BITUMINOUS TACK COAT	GAL	856	

- LEGEND**
- [Dotted Pattern] PROPOSED PAVEMENT
  - [Solid Grey] EXISTING PAVEMENT
  - [Hatched Pattern] EXISTING PAVEMENT (TO BE REMOVED)
  - [Dashed Line] PROPOSED PAVEMENT SAWING

**AR152410-UNCLASSIFIED EXCAVATION NOTES:**

THE PROPOSED UNCLASSIFIED EXCAVATION SHALL BE PLACED IN ACCORDANCE WITH ITEM 152 "EXCAVATION AND EMBANKMENT" AS STATED ON PAGE 25 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE EARTH SUBGRADE WILL BE FIRST ROUGH CUT TO THE SPECIFIED ELEVATIONS, THE ELEVATIONS SHOWN ON THE STAKING PLAN ARE FOR FINISHED PAVEMENT. SUBGRADE ELEVATIONS WILL BE THE GRADE SHOWN MINUS THE PAVEMENT THICKNESS (INCLUDING BASE).

MATERIAL TO BE USED FOR SHOULDERING WILL BE STORED OUTSIDE OF THE PROPOSED PAVEMENT AREA AND WITHIN THE GRADING LIMITS.

THE MATERIAL TO BE USED FOR THE SHOULDERING WILL BE TOPSOIL OBTAINED FROM THE ON SITE UNCLASSIFIED EXCAVATION.

THE EXCAVATED AREAS WILL BE COMPACTED IN ACCORDANCE WITH PROCEDURES FOR AIRCRAFT WEIGHING (MORE)(LESS) THAN 60,000 POUNDS.

THE PROPOSED SHOULDER MATERIAL WILL ONLY REQUIRE "LIGHT COMPACTION" TO THE SATISFACTION OF THE RESIDENT ENGINEER.

ALL EARTHWORK WILL BE CLASSIFIED AS "UNCLASSIFIED EXCAVATION".

THE PROPOSED UNCLASSIFIED EXCAVATION WILL BE PAID FOR UNDER ITEM:  
 AR152410 UNCLASSIFIED EXCAVATION - PER C.Y.

**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 \_\_\_\_\_ PER SQ. YDS.

**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 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" 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 209 CRUSHED AGGREGATE BASE COURSE WILL BE PLACED WITH A PAVING MACHING AND STRINGLINE OPERATION. THE PAVING MACHINE AND STRINGLINE GRADE CONTROL OPERATION WILL COMPLY WITH 201 AND 401 SPECIFICATIONS.

DATE	REVISION	BY

CARMI MUNICIPAL AIRPORT  
 CARMI, ILLINOIS  
 A.I.P. PROJ.: 3-17-0109-87  
 I.L. PROJ.: CUL-3683

REL. PROJECT NO.	DATE	BY	REVIEWED
801-071X1D-0800	11/15/06	SEP	11/15/06
R-121CON.DWG	11/15/06	CCC	11/15/06
1"=30'	11/15/06	CAH	03/27/07

**HANSON**  
 Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Office: Nationwide

EXTEND PARTIAL  
 PARALLEL TAXIWAY  
 PROPOSED  
 CONSTRUCTION PLAN  
 STA. 17+00 TO STA. 21+50

11/27/07 7:35 AM BAK  
 C:\AIRPORTS\CARMI\801-071X1D\CON.DWG - STA. 18+50 TO STA. 21+50