

401-BITUMINOUS SURFACE COURSE NOTES

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 TWO LIFTS OF BITUMINOUS SURFACE COURSE (1-1/2 INCH DEPTH, AVERAGE OVERLAY OF 3") ON THE PROPOSED POROUS FRICTION COURSE FOR THE PROPOSED APRON RECONSTRUCTION.

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:

ALL LANES OF THE BITUMINOUS SURFACE COURSE SHALL BE STARTED AT THE HIGH SIDE OF THE PAVEMENT WITH A TAUT STRINGLINE (GUIDE WIRE) SET TO GRADE AT BOTH SIDES OF THE PAVER. THE AUTOMATIC GRADE CONTROL SYSTEM OF THE PAVER SHALL BE USED TO CONTROL GRADE OF BOTH SIDES OF THE PAVER FROM THESE REFERENCE STRINGLINES. THE GRADE CONTROL FOR THE ADJACENT LANES OF PAVEMENT SHALL BE MAINTAINED BY USING A MATCHING SHOE WITH THE PREVIOUS LAID PAVEMENT AND A STRINGLINE ON THE OUTER EDGE OF THE NEXT LANE.

A STRINGLINE AND MATCHING SHOE SHALL BE USED TO PAVE ALL REMAINING LANES OF THE FIRST LIFT OF THE SURFACE COURSE. IF GRADE IS ESTABLISHED ON THE FIRST LIFT, THEN THE REMAINING LIFTS OF BITUMINOUS SURFACE COURSE SHALL BE LAID WITH A TRAVELING SKI ON BOTH SIDES OF THE PAVER FOR THE FIRST LANE AND A MATCHING SHOE AND TRAVELING SKI ON ADJACENT LANES. IF GRADE IS NOT ESTABLISHED ON THE FIRST LIFT, THE RESIDENT ENGINEER SHALL REQUIRE TAUT STRINGLINE REFERENCES UNTIL SATISFACTORY GRADE IS ESTABLISHED.

401-BITUMINOUS SURFACE COURSE NOTES (CONT.)

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 SHAPING EDGES, 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.

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.

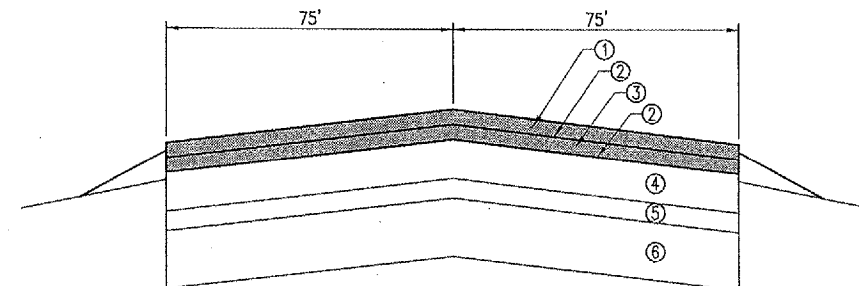
THE PROPOSED BITUMINOUS TACK COAT SHALL BE PLACED ON THE EXISTING AND THE PROPOSED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS SURFACE COURSE.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM: AR603510 "BITUMINOUS TACK COAT" - PER GALLON

LEGEND - (TYPICAL SECTIONS)

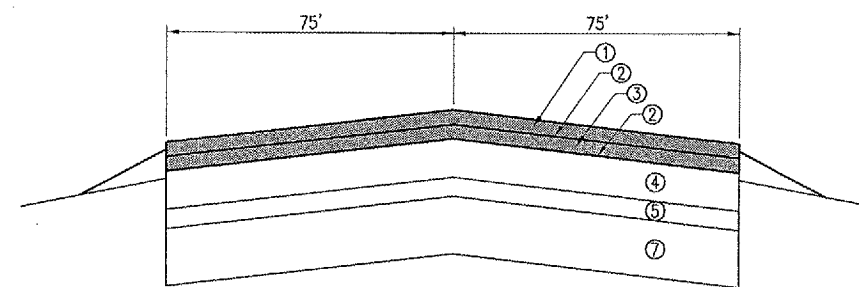
- ① PROPOSED (401610) BITUMINOUS SURFACE COURSE - 1.5" NOMINAL DEPTH
- ② PROPOSED (603510) BITUMINOUS TACK COAT (BETWEEN LIFTS)
- ③ PROPOSED (401610) BITUMINOUS SURFACE COURSE - 1.5" VARIABLE DEPTH
- ④ EXISTING (401) BITUMINOUS SURFACE COURSE - 4"
- ⑤ EXISTING (201) BITUMINOUS BASE COURSE - 6"
- ⑥ EXISTING (209) AGGREGATE BASE COURSE - 6"

SUMMARY OF QUANTITIES				
ITEM	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR401610	BITUMINOUS SURFACE COURSE	TON	1,981	
AR603510	BITUMINOUS TACK COAT	GAL	3,002	



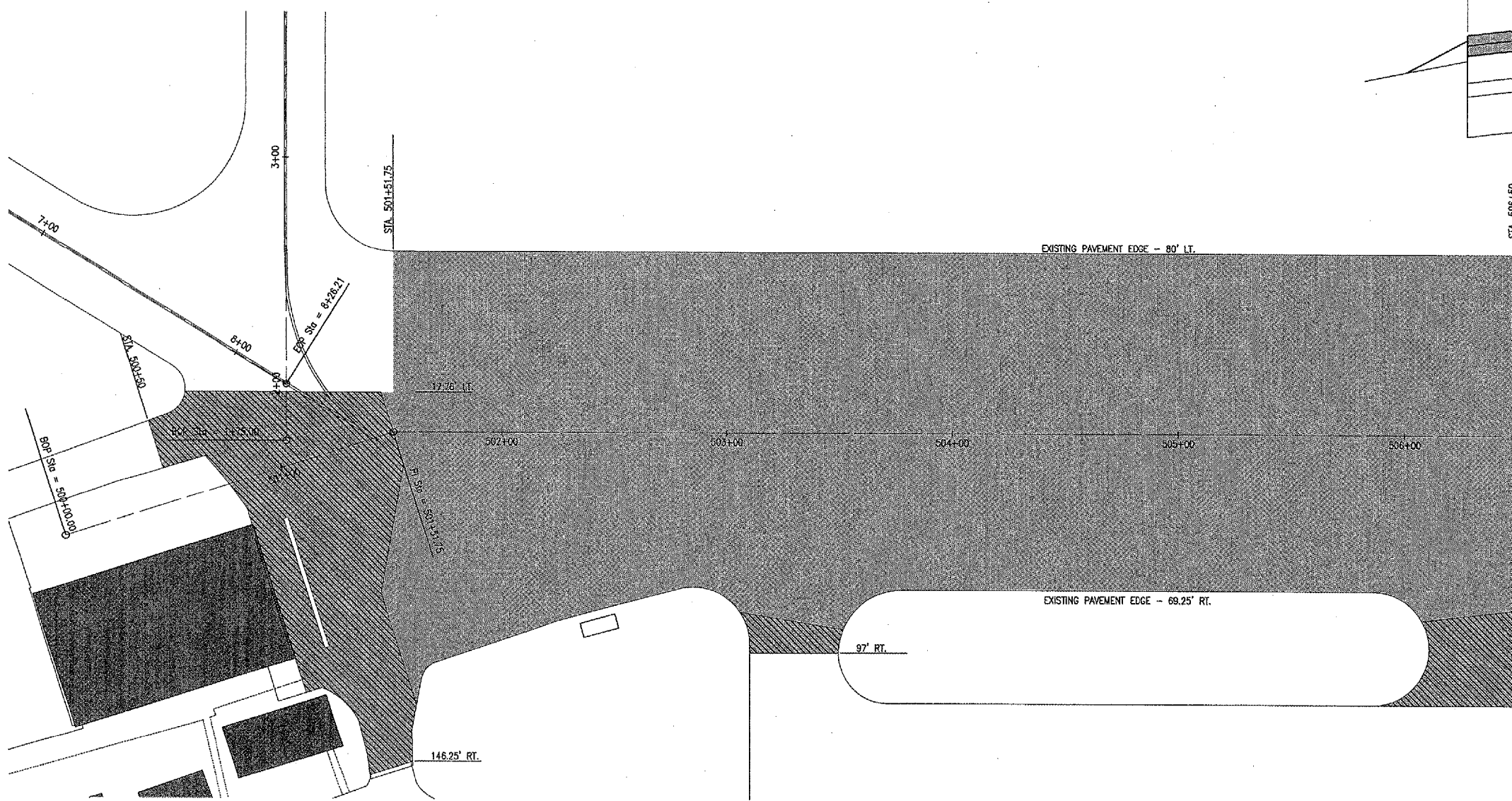
PROPOSED TYPICAL SECTION

"NOT TO SCALE"
STA. 500+50 TO STA. 504+10



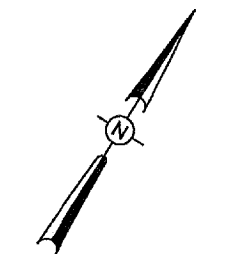
PROPOSED TYPICAL SECTION

"NOT TO SCALE"
STA. 504+10 TO STA. 506+50



LEGEND

- [Hatched Box] PROPOSED BITUMINOUS SURFACE COURSE
- [Diagonal Lines Box] PROPOSED SHOULDER ADJUSTMENT
- [Solid Box] EXISTING PAVEMENT
- [Dark Box] EXISTING BUILDING



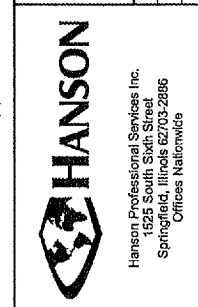
0' 15' 30' 60'
FULL SIZE SCALE: 1" = 30'
HALF SIZE SCALE: 1" = 60'

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REVISION	DATE	BY

SHELBY COUNTY AIRPORT
SHELBYVILLE, ILLINOIS
A.I.P. PROJ.: 3-17-0083-87
IL PROJ.: 2HQ-3615

Project No. B27-06APN	DATE 05/01/06
Filename R-121CON.DWG	DATE 05/01/06
Scale 1" = 30'	DATE 05/01/06
Date 05/01/06	DATE 05/31/06
LAYOUT CCC	RAW
DRAWN CCC	RAW
REVIEWED	RAW



OVERLAY RWY. & APN.
INSTALL UNDERDRAINS
PROPOSED APRON
CONSTRUCTION
PLAN