

TYPICAL SECTION A-A
"NOT TO SCALE"

LEGEND FOR PROPOSED TYPICAL SECTION

- ① PROPOSED POROUS FRICTION COURSE (0.10' DEPTH)
- ② PROPOSED 603 BITUMINOUS TACK COAT
- ③ EXISTING POROUS FRICTION COURSE (5/8" DEPTH)
- ④ EXISTING BITUMINOUS SURFACE COURSE (2"± DEPTH)
- ⑤ EXISTING BITUMINOUS BASE COURSE (2"± DEPTH)
- ⑥ EXISTING BITUMINOUS SURFACE COURSE (3"± DEPTH)
- ⑦ EXISTING AGGREGATE BASE COURSE (9 - 10" DEPTH)
- ⑧ EXISTING EARTH SUBGRADE
- ⑨ PROPOSED EARTH FILLETS

POROUS FRICTION COURSE NOTES

THE PROPOSED POROUS FRICTION COURSE WILL BE CONSTRUCTED IN ONE LAYER, HAVING A COMPACTED NOMINAL THICKNESS OF ONE TENTH OF A FOOT (0.10') IN ACCORDANCE WITH ITEM AR402622 AND THE SUPPLEMENTAL SPECIFICATIONS DATED JULY 1, 2004.

THE POROUS FRICTION COURSE SHALL BE PLACED ON A CLEAN AND PREPARED SURFACE ONLY AFTER THE APPROVAL OF THE RESIDENT ENGINEER.

THE SURFACES TO BE OVERLAYED WILL BE SPRAYED WITH AN APPLICATION OF A BITUMINOUS TACK COAT. AN APPLICATION RATE OF 0.25 GAL/S.Y. (DILUTED) WAS USED FOR CALCULATING THE QUANTITY OF TACK FOR THIS APPLICATION. THE EXACT RATE OF APPLICATION WILL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION. TACKED AREAS WORN FROM HAULING OPERATIONS SHALL BE RETACKED AT THE DISCRETION OF THE RESIDENT ENGINEER. THE TACK COAT MUST BE DRY (CURED) TO THE SATISFACTION OF THE RESIDENT ENGINEER PRIOR TO THE PLACEMENT OF THE POROUS FRICTION COURSE.

PAYMENT FOR THIS ITEM OF WORK WILL BE UNDER ITEM:
AR402622 "POROUS FRICTION COURSE, 0.10'" - PER SQUARE YARD.

SHOULDER PREPARATION NOTES:

PRIOR TO THE PAVING OPERATIONS THE EXISTING SOD ADJACENT TO THE EDGE OF PAVEMENT WITHIN THE PROJECT AREA SHALL BE GRADED AWAY FROM THE PAVEMENT A DISTANCE SUITABLE TO PREVENT THE SOD MATERIAL FROM AFFECTING THE PLACEMENT OF THE POROUS FRICTION COURSE. THE AMOUNT OF SOD DETERMINED TO REQUIRE REMOVAL SHALL BE SPRAYED WITH A HERBICIDE CAPABLE OF KILLING THE VEGETATION WITHIN THE WIDTH REMOVED. CARE SHALL BE TAKEN TO ENSURE THE HERBICIDE IS NOT APPLIED TO VEGETATION OUTSIDE OF THE GRADING AND SEEDING LIMITS. ANY DAMAGE TO VEGETATION OUTSIDE OF THE GRADING AND SEEDING LIMITS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

THE SOD REMOVAL AND HERBICIDE APPLICATION WILL BE CONSIDERED INCIDENTAL TO ITEM AR402622 "POROUS FRICTION COURSE" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TOPSOILING NOTES

THE AREAS DESIGNATED BY [Pattern] ON THESE DRAWINGS SHALL BE GRADED FROM ONE (1) INCH BELOW PROPOSED PAVEMENT ELEVATIONS TO EXISTING EARTH ELEVATIONS 6 FEET FROM THE PROPOSED PAVEMENT.

THE EARTH FILLETS WILL NOT REQUIRE COMPACTING OR GRADING, OTHER THAN LIGHT ROLLING AND SHAPING. THE TOPSOIL PLACED SHALL BE FROM AN OFF SITE SOURCE AND COMPLY WITH THE SUPPLEMENTAL SPECIFICATION FOR FOR ITEM 905 "TOPSOILING".

PAYMENT FOR THIS ITEM OF WORK WILL BE UNDER ITEM:
AR905520 "TOPSOILING" - PER CUBIC YARD.

MULCHING DATA

ALL EARTH FILLET AREAS WITHIN THE GRADING LIMITS WILL BE MULCHED IN ACCORDANCE WITH THE SUPPLEMENTAL SPECIFICATIONS DATED JULY 1, 2004. HYDROMULCH WILL BE USED EXCLUSIVELY.

PAYMENT FOR THIS ITEM OF WORK WILL BE UNDER ITEM:
AR908510 "MULCHING" - PER ACRE.

SEEDING NOTES

THE GRADING, SEEDING & MULCHING LIMITS ARE INDICATED ON THIS SHEET AND SHEETS 8 & 9 BY [Pattern]. ALL AREAS (EXCEPT THE PAVEMENT) WITHIN THESE LIMITS SHALL BE LIMED, FERTILIZED, AND SEEDDED IN ACCORDANCE WITH THE SUPPLEMENTAL SPECIFICATIONS DATED JULY 1, 2004 AND THE FOLLOWING FORMULA:

- LIME 2 TONS/ACRE
- FERTILIZER (MINIMUM POUNDS OF AVAILABLE PLANT FOOD PER ACRE)
- N 90 LBS./ACRE
- P₂O₅ 350 LBS./ACRE
- K₂O 240 LBS./ACRE
- TOTAL 680 LBS./ACRE
- SEEDING (MINIMUM POUNDS OF PURE LIVE SEED PER ACRE)
- ALTA FESCUE 100 LBS./ACRE
- PERENNIAL RYEGRASS 50 LBS./ACRE
- CREeping RED FESCUE 40 LBS./ACRE
- SPRING OATS 10 LBS./ACRE

PRIOR TO THE PLACEMENT OF THE SEED THE TOPSOIL ADJACENT TO THE PAVEMENT SHALL BE THOROUGHLY LOOSENEED TO A DEPTH NOT LESS THAN 4 INCHES, THE ENTIRE WIDTH OF THE DISTURBED AREA. THE CONTRACTOR WILL USE DRAG BARS, HARROWS OR OTHER EQUIPMENT NECESSARY TO OBTAIN THE SMOOTH GRADE TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE SEED BED SHALL BE SMOOTH AND TO GRADE UPON COMPLETION OF THE SEEDING OPERATION.

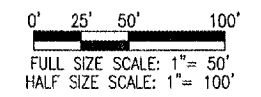
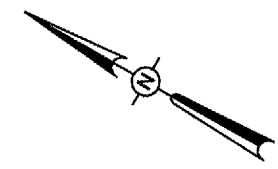
ALL AREAS WHICH ARE DISTURBED BY THE CONTRACTOR, OUTSIDE OF THE PROPOSED GRADING LIMITS, WILL BE LIMED, FERTILIZED, AND SEEDDED IN ACCORDANCE WITH THE REQUIREMENTS OF ITEM AR901510 AT NO ADDITIONAL COST TO THE CONTRACT.

ALL ROCK, ASPHALT OR CONCRETE DEBRIS LEFT FROM THE PAVING OPERATION WILL BE REMOVED FROM THE AIRPORT SITE.

THE PRIME CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION BETWEEN ALL SUB-CONTRACTORS AS TO THEIR RESPONSIBILITIES PERTAINING TO THE SEEDING OPERATION.

QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS BUILT QUANTITY
AR402622	POROUS FRICTION COURSE, 0.10'	S.Y.	36,618	
AR603510	BITUMINOUS TACK COAT	GAL.	9,155	
AR901510	SEEDING	ACRE	0.9	
AR905520	TOPSOILING (FROM OFF SITE)	C.Y.	100	
AR908510	MULCHING	ACRE	0.9	

- LEGEND
- [Pattern] EXISTING PAVEMENT
 - [Pattern] PROPOSED PFC OVERLAY
 - [Pattern] PROPOSED GRADING/SEEDING LIMITS



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BY		REVISION		DATE	
MT. VERNON AIRPORT MT. VERNON, ILLINOIS ILL. PROJ.: MVN-3539 A.I.P. PROJ.: 3-17-0074-B12					
Project No. 819-06RWYD Drawings R-121CON.DWG Scale 1" = 50' Date 08/16/05	LAYOUT CCC 08/16/05 DRAWN CCC 08/16/05 REVIEWED RAW 08/16/05				
Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide					
RUNWAY 15-33 P.F.C. OVERLAY			PROPOSED CONSTRUCTION PLAN STA. 100+00 TO 110+00		
7					
7 of 29 sheets					