

DATE	REVISION	BY
6/27/08	REVISED AS PER IDA REVIEW	CAH

OLNEY-NOBLE AIRPORT
OLNEY, ILLINOIS

A.I.P. PROJ.: 3-17-0076-BB
IL. PROJ.: OLY-3759

HD Project No. 07A0129D_0800 Drawing Title R-121CON.DWG Scale NOT TO SCALE Date 05/20/08	LAYOUT DRAWN MDR REVIEWED CAH	05/20/08 05/20/08 06/12/08
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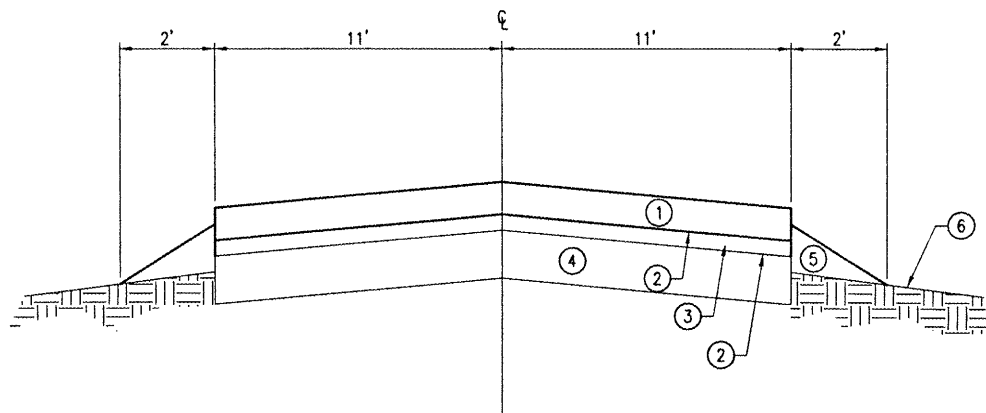


REHABILITATE
ENTRANCE ROAD

PROPOSED
TYPICAL SECTION
AND NOTES

LEGEND

- ① PROPOSED 401 - BITUMINOUS SURFACE COURSE (1 3/4" DEPTH)
- ② PROPOSED 603 - BITUMINOUS TACK COAT (0.25 GAL./S.Y.)
- ③ PROPOSED 402 - POROUS FRICTION COURSE (0.10' DETPH)
- ④ EXISTING PAVEMENT
- ⑤ PROPOSED EARTH FILLET
- ⑥ EXISTING GRADE



TYPICAL SECTION "A-A"
NOT TO SCALE

AR401611 BITUMINOUS SURFACE COURSE - METHOD 1

THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401003 "BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE" AS STATED ON PAGE 273 OF THE INTERIM REVISIONS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED MAY 11, 2007.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING ONE LIFT OF BITUMINOUS SURFACE COURSE (1-3/4 INCH DEPTH) ON THE PROPOSED POROUS FRICTION COURSE.

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

PRIOR TO STARTING THE 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.

A STRING LINE WILL NOT BE REQUIRED.

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.

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 BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS MATERIAL.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM:
AR603510 BITUMINOUS TACK COAT _____ PER GAL.

POROUS FRICTION COURSE

THE PROPOSED POROUS FRICTION COURSE WILL BE CONSTRUCTED IN ONE LAYER, HAVING A COMPACTED NOMINAL THICKNESS OF 0.10 FOOT.

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

POROUS FRICTION COURSE WILL BE CONSTRUCTED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

GENERAL PAVEMENT PREPARATION

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING WORK ITEMS BEFORE A TACK COAT CAN BE APPLIED:

BLADE THE EARTH AND SOD BACK FROM EDGE OF THE PAVEMENT.

USE A PESTICIDE TO KILL ALL WEEDS ON THE EXISTING PAVEMENT SURFACE.

ONCE THE WEEDS HAVE DIED USE A TORCH TO BURN OFF WEEDS.

POWER BROOM THE LOOSE UNWANTED MATERIAL OFF THE PAVEMENT.

THE ABOVE WORK WILL BE CONSIDERED INCIDENTAL TO PAY ITEM AR603510 "BITUMINOUS TACK COAT" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

REMOVE AND REPLACE BITUMINOUS PAVEMENT

THE AREAS TO BE REMOVED AND REPLACED WILL BE LOCATED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION. THE AREAS WILL BE REMOVED (FULL DEPTH) AND REPLACED WITH BITUMINOUS MATERIAL. THE BITUMINOUS MATERIAL USED IN THE REPLACEMENT WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED REMOVAL AND REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

WHERE THE PROPOSED REMOVAL AND REPLACEMENT AREA ABUTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR401910 "REMOVE & REPLACE BIT. PAVEMENT" - PER S.Y.

EARTH FILLETS

EARTH FILLETS WILL BE CONSTRUCTED ADJACENT TO ALL PAVEMENT OVERLAY AREAS. THE EARTH FILLETS ARE SHOWN ON THE CROSS-SECTIONS AND THE STAKING PLAN SHEETS AS THE PROPOSED GRADING, SEEDING AND MULCHING LIMITS. THE EARTH FILLETS WILL NOT REQUIRE COMPACTING OR GRADING, OTHER THAN LIGHT ROLLING AND SHAPING. THE MATERIAL FOR THE PROPOSED EARTH FILLETS WILL BE OBTAINED FROM OFF-SITE.

THE MATERIAL FOR THE PROPOSED EARTH FILLETS WILL BE PAID FOR UNDER ITEM:
AR152442 OFFSITE BORROW EXCAVATION _____ PER C.Y.

AGGREGATE FILLETS

THERE ARE SEVERAL AREAS ADJACENT TO THE PAVEMENT OVERLAY AREAS THAT WILL REQUIRE AN AGGREGATE FILLET. THE FILLET WILL EXTEND OUTWARD FROM THE PAVEMENT FOR A DISTANCE OF TWO FEET.

THE AGGREGATE USED IN THESE AREAS WILL BE A CA-6.

THE AGGREGATE FILLETS WILL REQUIRE LIGHT COMPACTION TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE AGGREGATE WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE EARTH FILLETS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

901 SEEDING NOTES

THE PROPOSED SEEDING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 901 "SEEDING" AS STATED ON PAGE 120 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

ALL DISTURBED AREAS LOCATED WITHIN THE PROPOSED GRADING AND SEEDING LIMITS WILL BE SEEDED IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATION. ALL AREAS OUTSIDE THE DESIGNATED GRADING AND SEEDING LIMITS WILL ALSO BE SEEDED BUT AT THE CONTRACTOR'S OWN EXPENSE.

ALL MATERIALS AND/OR DEBRIS RESULTING FROM THE SEEDING OPERATIONS WILL BE REMOVED FROM THE PAVEMENTS AND MISCELLANEOUS STRUCTURES PRIOR TO OPENING THE RUNWAY.

901-3.4 MAINTENANCE OF SEEDED AREAS. DELETE THE SECOND PARAGRAPH OF THIS SECTION AND ADD THE FOLLOWING:

"THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE RESIDENT ENGINEER. IF AT THE TIME WHEN THE CONTRACT HAS BEEN OTHERWISE COMPLETED, IT IS NOT POSSIBLE TO MAKE AN ADEQUATE DETERMINATION OF COLOR, DENSITY, AND UNIFORMITY OF SUCH STAND OF GRASS, THE ITEM OF WORK WILL BE REVIEWED AT A LATER DATE DETERMINED BY THE ILLINOIS DIVISION OF AERONAUTICS."

DATE SEEDING COMPLETED _____

THE PROPOSED SEEDING WILL BE PAID FOR UNDER ITEMS:
AR901510 SEEDING _____ PER ACRES

908 MULCHING NOTES

THE PROPOSED MULCHING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 908 "MULCHING" AS STATED ON PAGE 127 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM SHALL CONSIST OF THE FURNISHING, TRANSPORTING, AND PLACING MULCH OVER THE SEEDED AREA. DISTURBED AREAS OUTSIDE THE GRADING LIMITS SHALL ALSO BE MULCHED AND PARTICIPATION WILL BE THE SAME AS FOR SEEDED AREAS.

908-2.1 MULCH MATERIAL: THE CONTRACTOR MAY EITHER FURNISH STRAW OR HYDROMULCH AS THE TYPE OF MULCH MATERIAL TO BE USED ON THIS PROJECT.

908-3.1 MULCHING: THE HYDRAULIC MULCH SHALL BE APPLIED AS A SLURRY OF 2,500 POUNDS OF MULCH AND NOT LESS THAN 2,500 GALLONS OF WATER PER ACRE.

908-3.4 STRUCTURE CLEANING: AFTER THE PROPOSED MULCH HAS BEEN APPLIED, THE CONTRACTOR WILL CLEAN THE MULCH OFF ALL STRUCTURES (DRAINAGE, ELECTRICAL, LIGHTS, ETC.).

DATE MULCHING COMPLETED _____

THE PROPOSED MULCHING WILL BE PAID FOR UNDER ITEMS:
AR908510 MULCHING _____ PER ACRES