

SCOPE OF WORK

THE WORK CONSISTS OF THE RECONSTRUCTION OF TAXIWAY "A" BETWEEN STA. 150+95 AND STA. 170+54. THE WORK INCLUDES MILLING, ASPHALT PAVING, SHOULDER ADJUSTMENT, SEEDING AND TAXIWAY MARKING.

BITUMINOUS PAVEMENT MILLING (AR401650)

TAXIWAY "A" - THE DESIGNATED MILLING AREAS ON THIS SHEET WILL BE CUT OR TRIMMED. THE TOP 4" (INCHES) OF THE EXISTING BITUMINOUS SURFACE/BASE COURSE MATERIAL WILL BE REMOVED BY ROTO-MILLING. THE TOLERANCE OF THE MILLING WILL BE AS STATED IN THE SPECIAL PROVISIONS FOR BITUMINOUS SURFACE COURSE, 401-4.14 SURFACE TEST OF STANDARD SPECIFICATIONS.

WHERE THE BITUMINOUS SURFACING MATCHES EXISTING PAVEMENT TO REMAIN, THE EXISTING PAVEMENT WILL BE SAWS IF A VERTICAL FACE IS NOT ACHIEVED BY THE MILLING OPERATIONS. SAWING WILL BE PAID UNDER ITEM AR401665 - BITUMINOUS PAVEMENT SAWING - PER LINEAR FOOT.

ALL MILLED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE IN A LEGAL MANNER.

PRIOR TO APPLYING THE BITUMINOUS OVERLAY ON TAXIWAY "A", ALL MILLED MATERIAL WILL BE BROOMED AND BLOWN CLEAN AND A BITUMINOUS TACK COAT APPLIED. THE VERTICAL FACE OF ALL SAW CUTS WILL BE PAINTED WITH A LIQUID ASPHALT.

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

ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

APRON RECONSTRUCTION- THE CONTRACTOR WILL REMOVE THE EXISTING BITUMINOUS MATERIAL TO THE EXISTING AGGREGATE BASE WITH A MILLING MACHINE. THE CONTRACTOR SHALL THEN BE REQUIRED TO REWORK AND RECOMPACT THE AGGREGATE BASE PRIOR TO PAVING IN ACCORDANCE WITH THE SPECIFICATIONS AND TO THE SATISFACTION OF THE RESIDENT ENGINEER. REWORK AND COMPACTION OF THE EXISTING SUBBASE PRIOR TO PAVING SHALL BE CONSIDERED INCIDENTAL TO AR201510 BITUMINOUS BASE COURSE AND NO ADDITIONAL COMPENSATION ALLOWED.

AREAS FOUND TO BE SOFT OR OTHERWISE UNSUITABLE FOR PAVING AND UNABLE TO REACH COMPACTION REQUIREMENTS SHALL BE UNDERCUT AND BACKFILLED WITH APPROVED MATERIAL TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE WORK ASSOCIATED WITH THE REPAIR OF SOFT AREAS SHALL BE PAID FOR UNDER ITEM AR152511 SUBGRADE REPAIR PER SQUARE YARD.

CRUSHED AGGREGATE BASE COURSE SHALL BE PLACED AND COMPACTED IN ISOLATED AREAS WHERE NECESSARY PRIOR TO PAVING. THE AGGREGATE IS INTENDED TO BE AVAILABLE FOR REPAIR AREAS OR FILLING HOLES IN THE AGGREGATE BASE AND SHALL BE PAID FOR UNDER ITEM AR209510 CRUSHED AGGREGATE BASE PER TON.

UTILITIES

ELECTRICAL CABLES PARALLEL THE PAVEMENTS WITH 10' TO 15' SEPARATION AND ARE BURIED AT A DEPTH OF APPROXIMATELY 18 INCHES. ALSO, OTHER CABLES ARE BURIED IN THE VICINITY. BEFORE ANY DIGGING OR TRENCHING, ALL CABLES ARE TO BE LOCATED BY THE CONTRACTOR.

CLEAN & SEAL BITUMINOUS CRACK NOTES

FOLLOWING A VISUAL SURVEY OF THE EXISTING PAVEMENT SURFACE, A PROPOSED PLAN QUANTITY OF 500 LINEAR FEET OF CRACK CLEANING AND SEALING WAS ESTABLISHED. THE EXACT AMOUNT OF CRACKS TO BE CLEANED AND SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER.

ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER FOR CLEANING AND SEALING WILL BE DONE SO AS DESCRIBED IN THE RECURRING SPECIAL PROVISIONS, DATED JULY 1 2004.

THIS ITEM OF WORK WILL BE PAID FOR AT THE CONTRACT PRICE PER LINEAR FOOT OF CLEANING AND SEALING CRACKS, COMPLETE; WHICH PRICE AND PAYMENT SHALL CONSTITUTE FULL COMPENSATION FOR ALL ROUTING, CLEANING, PREPARATION AND DISPOSAL OF ALL LOOSE MATERIALS; AND FOR ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM.

PAYMENT FOR THIS ITEM OF WORK WILL BE UNDER ITEM AR201661 - CLEAN & SEAL BITUMINOUS CRACKS - PER L.F.

TIE DOWN REMOVAL NOTES:

THE EXISTING TIE DOWNS LOCATED IN THE AREAS TO BE IMPROVED WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE.

THE CONTRACTOR WILL SEPARATE THE TIE DOWNS TO BE REMOVED FROM THE SURROUNDING PAVEMENT PRIOR TO PULLING THE TIE DOWN OUT. REMOVAL OF THE TIE DOWN SHALL NOT CAUSE ANY DISPLACEMENT OF THE SURROUNDING PAVEMENT. ANY DISPLACEMENT WILL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE CONTRACTOR WILL BACKFILL THE RESULTING HOLES WITH CONTROLLED LOW-STRENGTH MATERIAL BACKFILL IN ACCORDANCE WITH IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION SECTION 593 TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE REMOVAL AND DISPOSAL OF THE TIE DOWNS AND BACKFILLING THE RESULTING HOLES WILL BE PAID FOR UNDER ITEM AR510900 REMOVE TIE DOWN - PER EACH.

COORDINATE DATA - TXY "A" CENTERLINE

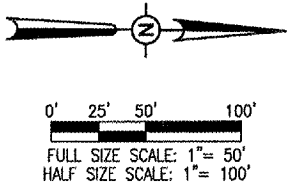
ID.	STATION	OFFSET	NORTHING	EASTING
A	150+94.58	CL	1154545.7735	831819.0236
B	158+00.00	CL	1155251.1630	831812.4534
C	164+25.00	CL	1155876.1359	831806.6323
D	166+63.57	CL	1156114.6935	831804.4103
E	168+73.01	CL	1156288.8225	831902.7928
F	170+53.66	CL	1156380.6038	832058.3975

COORDINATE DATA - TAXIWAY "A"

NO.	STATION	OFFSET	NORTHING	EASTING
1	150+94.69	25.0' LT.	1154545.6504	831794.0237
2	150+94.51	25.0' RT.	1154545.9361	831844.0232
3	164+25.00	25.0' LT.	1155875.9031	831781.6334
4	164+25.00	25.0' RT.	1155876.3688	831831.6312
5	158+09.32	52.2' LT.	1155259.9990	831760.1568
6	158+11.12	274.7' LT.	1155259.7250	831537.6780
7	162+47.02	177.9' LT.	1155696.5100	831630.3951
8	163+21.36	89.6' LT.	1155771.6630	831717.9533
9	166+63.57	200.0' RT.	1156116.5563	832004.4016
10	170+53.66	25.0' RT.	1156359.0705	832071.0986
11	170+53.66	25.0' LT.	1156402.1371	832045.6963

LEGEND

- EXISTING PAVEMENT
- EXISTING BUILDING
- PROPOSED MILLING
- EXISTING ELECTRICAL CABLE
- EXISTING BASE MOUNT RUNWAY LIGHT
- EXISTING BASE MOUNT TAXIWAY LIGHT
- EXISTING STAKE MOUNT TAXIWAY LIGHT
- EXISTING TAXIWAY GUIDANCE SIGN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING WATER VALVE
- EXISTING HYDRANT
- EXISTING WELL
- EXISTING HANDHOLE



APR 17, 2008 4:08 PM HARRI01115 \\AIRPORTS\DECATUR\07A0169\CADD\AIRPORT\SHEET\R-111.PRP.DWG - 150+50 TO 164+25

DATE	REVISION								
DECATUR, ILLINOIS									
I.L. PROJ.: DEC-3799 A.I.P. PROJ.: 3-17-0033-XX									
RECONSTRUCT TAXIWAY "A" AND ADJACENT GA APRON PROPOSED PAVEMENT PREPARATION PLAN STA. 150+50 TO STA. 164+25									
6									
6 of 25 sheets									