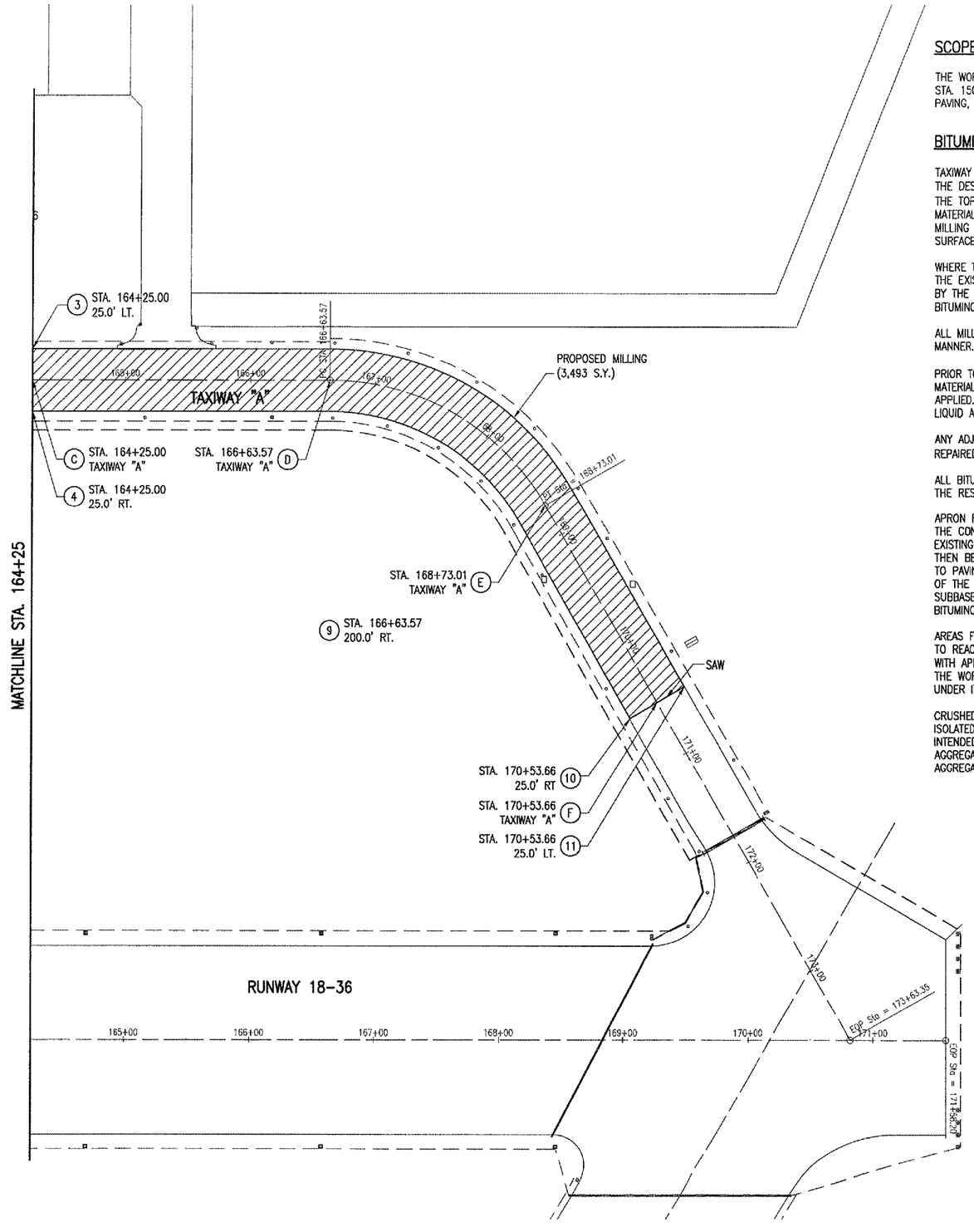
DE068




## 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 SAWED 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.

### COORDINATE DATA – TXY "A" CENTERLINE

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

0' 25' 50' 100'
FULL SIZE SCALE: 1"= 50'
HALF SIZE SCALE: 1"= 100'

| DATE | REVISION | BY |
|---|---|---|

DECATUR AIRPORT
DECATUR, ILLINOIS
IL. PROJ.: DEC–3799 A.I.P. PROJ.: 3–17–0033–XX

HEI Project No. 07A0169D 0802
Filename R–111PRP.DWG
Scale 1"=50'
Date 04/18/08

| | | |
|---|---|---|
| LAYOUT | MLH | 04/03/08 |
| DRAWN | MLH | 04/03/08 |
| REVIEWED | JDW | 04/17/08 |

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

RECONSTRUCT TAXIWAY "A" AND ADJACENT GA APRON

PROPOSED PAVEMENT PREPARATION PLAN
STA. 164+25 TO STA. 170+54

7
7 of 26 sheets

APR 17, 2008 4:10 PM HARRIO1115
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