HANSON

Waukegan Regional Airport Waukegan Regional Port District

REPAIR SELECTED PAVEMENT

AREAS, REHABILITATE HANGAR

TAXILANES AND SERVICE ROAD

AND CONSTRUCT NEW HANGAR

HANSON PROFESSIONAL SERVICES INC.

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PAVEMENTS

A.I.P. PROJ.: 3-17-0105-B30

No. Drawing Issue Description

MAY 06, 2005

NEW HANGAR PAVEMENTS

TYPICAL SECTIONS

02/28/05

04/07/05

Date

831-04TXYD

Project Number

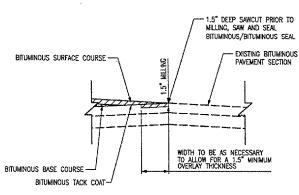
Date By

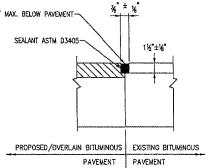
IL, PROJ.: UGN-3449

- 1 EXISTING BITUMINOUS PAVEMENT
- (3) BITUMINOUS PAVEMENT REMOVAL 4" (NOMINAL), ITEM AR401900
- 4 BITUMINOUS PAVEMENT MILLING, ITEM AR401650

FILL AREAS — REMOVE TOPSOIL, ADDITIONAL UNDERCUT IN AREAS AS DETERMINED BY ROLL TEST.

- PROPOSED BITUMINOUS BASE COURSE, LEVELING, 2" (NOMINAL), ITEM AR201620
- 10) PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510
- (1) PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- PROPOSED CRUSHED AGGREGATE BASE COURSE 10", ITEM AR209610
- PROPOSED CRUSHED AGGREGATE BASE COURSE, THICKNESS VARIES, ITEM ARZO9510
- 16 PROPOSED 4" PERFORATED UNDERDRAIN, ITEM AR705504
- PROPOSED SODDING, ITEM AR904510
- (18) PROPOSED 4" TOPSOIL, ITEMS AR905510 AND AR905520
- EXISTING AGGREGATE BASE COURSE TO BE REMOVED, PAID UNDER ITEM AR152410
- PROPOSED SEPARATION FABRIC, ITEM AR156513





LEGEND

- PROPOSED BITUMINOUS/ BITUMINOUS SEAL

_PROPOSED 2.5" INCH BITUMINOUS BASE COURSE

PROPOSED P.C.C./P,C.C. SEAL AT SAWCUT EDGE

--- EXISTING P.C.C. PAVEMENT

-SMOOTH STEEL DOWEL

EPOXY COATED 3/4" DIAMETER 18" LONG

DRILLED HOLE 7/8" DIAMETER IDOT DIVISION OF AERONAUTICS APPROVED CHEMICAL ADHESIVE TO BE USED

-- PROPOSED 6" AGGREGATE BASE COURSE

- EXISTING BITUMINOUS PAVEMENT

PAVEMENT REMOVAL FOR PIPE TRENCH WIDTH PER PLAN

REMOVED BITUMINOUS PAVEMENT AND AGGREGATE BASE TO BE DISPOSED OF AT AN
OFFSITE LOCATION, COST INCIDENTAL TO REMOVE AND REPLACE BITUMINOUS PAVEMENT.

2. ALL ITEMS ASSOCIATED WITH THE BITUMINOUS PAVEMENT REMOVAL AND REPLACEMENT TO BE INCLUDED IN ITEM AR401916 EXCEPT FOR BITUMINOUS PAVEMENT SAWING WHICH IS TO

BE PAID AS ITEM AR401665 AND BITUMINOUS/BITUMINOUS SEAL PAID AS ITEM AR401660.

BITUMINOUS PAVEMENT REMOVAL AND REPLACEMENT - TYPE B

- ② EXISTING BITUMINOUS AGGREGATE BASE COURSE
- ⑤ PROPOSED SUBGRADE PREPARATION:

CUT AREAS — REMOVE TOPSOIL, ADDITIONAL CUT AS NECESSARY TO FINISHED SUBGRADE ELEVATION. ADDITIONAL UNDERCUT IN AREAS AS DETERMINED BY ROLL TEST,

- 6 PROPOSED BITUMINOUS SURFACE 2", ITEM AR401610
- PROPOSED BITUMINOUS BASE COURSE 2", ITEM AR201610
- (8) PROPOSED BITUMINOUS BASE COURSE 1.5", ITEM AR201610

- (2) PROPOSED CRACK CONTROL MATERIAL (ROADWAY), ITEM AR800996
- (5) POROUS BACKFILL NO. 2, ITEM AR705412

- 19 PROPOSED STORM SEWER, SEE PLAN AND SCHEDULE
- PROPOSED CRUSHED AGGREGATE DRAINAGE LAYER-4", ITEM AR800961

BITUMINOUS TAPER DETAIL

14" MAX. BELOW PAVEMENT-

NOTE BITUMINOUS JOINT SEALING TO BE PAID UNDER ITEM AR401660

PROPOSED BITUMINOUS/BITUMINOUS SEAL

(ALIGNMENT 10)

17.5

1.5%

TYPICAL SECTION - TAXILANE 10

(SECTION SHOWN LOOKING SOUTHEAST)

VARIES (27.5' TO 40.0')

€ TAXILANE

TYPICAL SECTION - TAXILANE 20 (SECTION SHOWN LOOKING SOUTHEAST)

G TAXIWAY

TAPER DETAIL

77777

SECTION - SOUTHEAST ACCESS TAXIWAY AT TAXILANE 20 C

(SECTION SHOWN LOOKING EAST)

(ALIGNMENT 20)

SEEDING AND MULCHING

.5" DROP (TYPICAL O ALL FREE PAVEMENT EDGES)

NOTE: PAVEMENT MILLING TO BE AS NECESSARY

THICKNESS.

TO PROVIDE A MINIMUM 1.5" PAVEMENT

1.5" DROP (TYPICAL TO ALL FREE PAVEMENT EDGES)

PROPOSED BITUMINOUS TACK COAT

NOTES

PROPOSED 6" P.C.C. PAVEMENT

NOTES

SURFACE COURSE

REMOVED P.C.C. PAVEMENT AND AGGREGATE BASE TO BE DISPOSED OF AT AN OFFSITE LOCATION, COST INCIDENTAL TO REMOVE AND REPLACE BITUMINOUS PAVEMENT.

3. P.C.C. PAVEMENT JOINTS TO MATCH EXISTING.

SILICONE SEALANT 1/2"

PROVISIONS:

MIN. DEPTH (SEE SPECIAL

5/8" ROD BACK-UP MATERIAL-

(CLOSED CELL RESILIENT FOAM

OR SPONGE RUBBER)

ALL ITEMS ASSOCIATED WITH THE P.C.C. PAVENIENT REMOVAL AND REPLACEMENT TO BE INCLUDED IN 11EM AR501910 EXCEPT FOR P.C.C. PAVENIENT SAWING WHICH IS TO BE PAID AS ITEM AR501655.

1/2" ± 1/8"

P.C.C. JOINT SEALING FOR PAVEMENT PATCH IS INCIDENTAL TO ITEM ARSO1910.

P.C.C./P.C.C. SEAL

P.C.C. PAVEMENT PATCH DETAIL

-- 1/4" MAX. BELOW PAVEMENT

SAWED JOINT FACE

PROPOSED 6" AGGREGATE BASE COURSE

VARIES (27.5' TO 40.0"

SEEDING AND MULCHING

1.5" DROP (TYPICAL TO ALL FREE PAVEMENT EDGES)

VEGETATION MUST BE REMOVED AT ALL

PROPOSED PAVEMENT AREAS, COST

INCIDENTAL TO ITEM AR152410.

AND MULCHING

NOTE:

6:1 TO EXISTING-

1.5" DROP (TYPICAL TO ALL FREE-PAVEMENT EDGES)