PROJECT Taxiway B South Rehabilitation - Phase 2, Chicago-Rockford International Airp
CLIENT Crawford, Murphy and Tilly, Inc., Aurora, Illinois
CORE 1 DATE STARTED 4-7-09 DATE COMPLETED 4-7-09 JOB L-73,209

## CORE DATA

ELEVATION
LOCATION Taxiway B; 500'S of Taxiway D GROUNDWATER

| SAMPLE DEPTH | WATER CONTENT (%) | P.P.* READING | DRY DENSITY (pcf) | DEPTH | ELEV. | SOIL DESCRIPTIONS |
|---|---|---|---|---|---|---|
| 1 | | | | 1.1 | | 13.0" Bituminous Concrete Surface Courses<br>(Approximate Layers: 1.5"S, 1"S, 1.5"S, 2"S, 2"S, 2"S, 2"S, 1"S) |
| 2 | | | | | | 13.0" Crushed Stone<br>(IDOT Grade CA-6 or CA-10) |
| | | | | | | End of Core at 2.2 feet.<br>Note:<br>S = Bituminous Surface Course Layer<br>B = Bituminous Binder Course Layer |

DISTANCE BELOW SURFACE IN FEET
INSPECTOR JD

PROJECT Taxiway B South Rehabilitation - Phase 2, Chicago-Rockford International Airp
CLIENT Crawford, Murphy and Tilly, Inc., Aurora, Illinois
CORE 2 DATE STARTED 4-7-09 DATE COMPLETED 4-7-09 JOB L-73,209

## CORE DATA

ELEVATION
LOCATION Taxiway B; 250'S of Taxiway D GROUNDWATER

| SAMPLE DEPTH | WATER CONTENT (%) | P.P.* READING | DRY DENSITY (pcf) | DEPTH | ELEV. | SOIL DESCRIPTIONS |
|---|---|---|---|---|---|---|
| 1 | | | | 1.0 | | 12.0" Bituminous Concrete Surface Courses<br>(Approximate Layers: 2"S, 2"S, 2"S, 2"S, 1.2"S, 1.5"S, 1.3"S) |
| 2 | | | | | | 13.0" Crushed Stone<br>(IDOT Grade CA-6 or CA-10) |
| | | | | | | End of Core at 2.1 feet.<br>Note:<br>S = Bituminous Surface Course Layer<br>B = Bituminous Binder Course Layer |

DISTANCE BELOW SURFACE IN FEET
INSPECTOR JD

PROJECT Taxiway B South Rehabilitation - Phase 2, Chicago-Rockford International Airp
CLIENT Crawford, Murphy and Tilly, Inc., Aurora, Illinois
CORE 3 DATE STARTED 4-7-09 DATE COMPLETED 4-7-09 JOB L-73,209

## CORE DATA

ELEVATION
LOCATION Taxiway B at Intersection of Twys A and D GROUNDWATER

| SAMPLE DEPTH | WATER CONTENT (%) | P.P.* READING | DRY DENSITY (pcf) | DEPTH | ELEV. | SOIL DESCRIPTIONS |
|---|---|---|---|---|---|---|
| 1 | | | | 1.2 | | 14.7" Bituminous Concrete Surface Courses<br>(Approximate Layers: 2"S, 2"S, 2.5"S, 1.7"S, 2"S, 2.2"S, 2.3"S) |
| 2 | | | | | | 19.0" Crushed Stone<br>(IDOT Grade CA-6 or CA-10) |
| | | | | | | End of Core at 2.8 feet.<br>Note:<br>S = Bituminous Surface Course Layer<br>B = Bituminous Binder Course Layer |

DISTANCE BELOW SURFACE IN FEET
INSPECTOR JD

PROJECT Taxiway B South Rehabilitation - Phase 2, Chicago-Rockford International Airp
CLIENT Crawford, Murphy and Tilly, Inc., Aurora, Illinois
CORE 4 DATE STARTED 4-7-09 DATE COMPLETED 4-7-09 JOB L-73,209

## CORE DATA

ELEVATION
LOCATION Taxiway A; 200'N of Taxiway D GROUNDWATER

| SAMPLE DEPTH | WATER CONTENT (%) | P.P.* READING | DRY DENSITY (pcf) | DEPTH | ELEV. | SOIL DESCRIPTIONS |
|---|---|---|---|---|---|---|
| 1 | | | | 1.1 | | 12.7" Bituminous Concrete Surface and/or Binder Courses<br>(Approximate Layers: 1.5"S, 1"S, 1"S, 2"S, 2"S, 1.2"S, 1.2"S, 1.5"S or B, 1.3"S or B) |
| 2 | | | | | | 16" Crushed Stone<br>(IDOT Grade CA-6 or CA-10) |
| | | | | | | End of Core at 2.4 feet.<br>Note:<br>S = Bituminous Surface Course Layer<br>B = Bituminous Binder Course Layer |

DISTANCE BELOW SURFACE IN FEET
INSPECTOR JD

PROJECT Taxiway B South Rehabilitation - Phase 2, Chicago-Rockford International Airp
CLIENT Crawford, Murphy and Tilly, Inc., Aurora, Illinois
CORE 5 DATE STARTED 4-7-09 DATE COMPLETED 4-7-09 JOB L-73,209

## CORE DATA

ELEVATION
LOCATION Taxiway A; 600'N of Taxiway D GROUNDWATER

| SAMPLE DEPTH | WATER CONTENT (%) | P.P.* READING | DRY DENSITY (pcf) | DEPTH | ELEV. | SOIL DESCRIPTIONS |
|---|---|---|---|---|---|---|
| 1 | | | | 1.1 | | 13.7" Bituminous Concrete Surface Courses<br>(Approximate Layers: 2"S, 2"S, 2.2"S, 1.5"S, 2.2"S, 2"S, 1.2"S) |
| 2 | | | | | | 16.0" Crushed Stone<br>(IDOT Grade CA-6 or CA-10) |
| | | | | | | End of Core at 2.5 feet.<br>Note:<br>S = Bituminous Surface Course Layer<br>B = Bituminous Binder Course Layer |

DISTANCE BELOW SURFACE IN FEET
INSPECTOR JD

PROJECT Taxiway B South Rehabilitation - Phase 2, Chicago-Rockford International Airp
CLIENT Crawford, Murphy and Tilly, Inc., Aurora, Illinois
CORE 6 DATE STARTED 4-7-09 DATE COMPLETED 4-7-09 JOB L-73,209

## CORE DATA

ELEVATION
LOCATION Taxiway A; 700'N of Taxiway D GROUNDWATER

| SAMPLE DEPTH | WATER CONTENT (%) | P.P.* READING | DRY DENSITY (pcf) | DEPTH | ELEV. | SOIL DESCRIPTIONS |
|---|---|---|---|---|---|---|
| 1 | | | | 1.2 | | 14.0" Bituminous Concrete Surface and/or Binder Courses<br>(Approximate Layers: 2.2"S, 1.7"S, 2"S, 1.3"S, 1.2"S, 2"S, 1.5"S, 2.1"S or B) |
| 2 | | | | | | 16.0" Crushed Stone<br>(IDOT Grade CA-6 or CA-10) |
| | | | | | | End of Core at 2.4 feet.<br>Note:<br>S = Bituminous Surface Course Layer<br>B = Bituminous Binder Course Layer |

DISTANCE BELOW SURFACE IN FEET
INSPECTOR JD

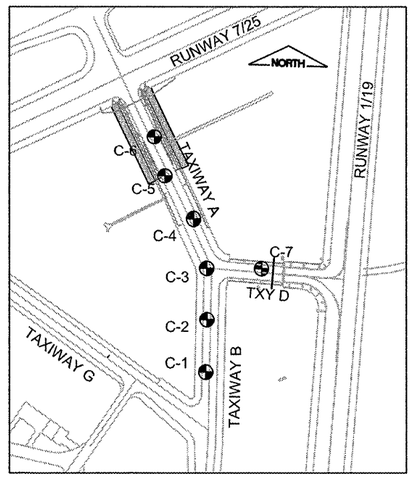
PROJECT Taxiway B South Rehabilitation - Phase 2, Chicago-Rockford International Airp
CLIENT Crawford, Murphy and Tilly, Inc., Aurora, Illinois
CORE 7 DATE STARTED 4-7-09 DATE COMPLETED 4-7-09 JOB L-73,209

## CORE DATA

ELEVATION
LOCATION Taxiway D; 250'W of Intersection of Twys A and B GROUNDWATER

| SAMPLE DEPTH | WATER CONTENT (%) | P.P.* READING | DRY DENSITY (pcf) | DEPTH | ELEV. | SOIL DESCRIPTIONS |
|---|---|---|---|---|---|---|
| 1 | | | | 0.8 | | 11.2" Bituminous Concrete Surface and Binder Courses<br>(Approximate Layers: 2.5"S, 1"S, 2"B, 3"S, 2.7"S) |
| 2 | | | | | | 18.0" Crushed Stone<br>(IDOT Grade CA-6 or CA-10) |
| | | | | | | End of Core at 2.3 feet.<br>Note:<br>S = Bituminous Surface Course Layer<br>B = Bituminous Binder Course Layer |

DISTANCE BELOW SURFACE IN FEET
INSPECTOR JD




## ENGINEERING INFORMATION (ENG1)

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5A

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3-17-0088-XX
RFD-3909

REHAB. TWY B SOUTH PHASE 2

Revisions

| Date | Description |
|---|---|
| | |

0 1
THIS BAR IS EQUAL TO 1" AT FULL SCALE (17 X 11).

| | |
|---|---|
| DESIGN BY: | CMT–ARR |
| DRAWN BY: | CMT–ARR |
| CHECKED BY: | CMT–ARR |
| APPROVED BY: | CMT–RFD |
| DATE: | 5/8/2009 |
| JOB No: | 09258–04–00 |

ENGINEERING INFORMATION (ENG1)

43

SHEET 43 OF 59 SHEETS

XREF DWG: tbchit.dwg
XO1_Etopo.DWG
IMAGE FILES: borings_Page_04.tiff
borings_Page_05.tiff
borings_Page_06.tiff
borings_Page_07.tiff
borings_Page_08.tiff
borings_Page_09.tiff
borings_Page_10.tiff
borings_Page_11.tiff
borings_Page_12.tiff
UPDATE BY: Jeremy Linke
LAYOUT: 43–ENG1
DATE: Monday, May 11, 2009 4:02:37 PM
FILE: K:\Rockford\p\09258\04 Rehab Twy B South Ph2\Dmn\Sheets\43–ENG1.dwg