REFLECTIVE CRACKING PHASE I
NATIONAL AIRPORT PAVEMENT TESTING FACILITY
WILLIAM J. HUGHES TECHNICAL CENTER
ATLANTIC CITY AIRPORT, NEW JERSEY
01/18/2012 (DRAWINGS REVISED ON 12/20/2016)

NEW JERSEY STATE MAP N.T.S.
VICINITY MAP N.T.S.
PROJECT LOCATION MAP N.T.S.
AERIAL VIEW OF THE NAPTF BUILDING N.T.S.

NAPTF BUILDING KEY PLAN
NORTH WALL

SOUTH WALL

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PREPARED BY:
SRA INTERNATIONAL, A CSRA COMPANY
1201 NEW ROAD, SUITE 242
LINWOOD, NEW JERSEY 08221
PHONE: (609) 601-6800

SHEET 1 OF 7
NOTES:
1. CONTRACTORS ACCESS THROUGH THE GATE AVAILABLE BY ADVANCE REQUEST.
2. LOCATION OF THE STAGING AREA SHOWN IS APPROXIMATE. THE EXACT LOCATION WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
3. SEE SHEET NUMBER 3 FOR INSIDE THE BUILDING STAGING AREA LOCATION AND RESTRICTIONS.

LEGEND:

1. FENCE
2. HAUL ROUTE
3. CONSTRUCTION SITE
4. STAGING AREA

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NATIONAL AIRPORT PAVEMENT TEST FACILITY
ATLANTIC CITY, NJ

FAA APPROVAL DATE:

12/20/2016

M.M.

REVISED SHEETS 3 AND 4 PER FAA COMMENTS.

12/01/2016

H.YIN
NAPTF BUILDING PLAN VIEW

SCALE: 1"=40' 

CENTER LINE MARKER DETAIL

CONTROL POINTS

CONTROL POINT MARKER DETAIL

NOTES:

1. THE PROJECT AREA IS LOCATED INSIDE OF THE NATIONAL AIRPORT PAVEMENT TESTING FACILITY, BUILDING NUMBER 29, BUILDING 2, HUGHES TECHNICAL CENTER, LOCATED AT THE ATLANTIC CITY INTERNATIONAL AIRPORT, 299 HAWKER AVENUE, WILSON TOWNSHIP, NEW JERSEY.

2. THE HORIZONTAL CONTROL NETWORK IS REFERENCED TO A LOCAL COORDINATE SYSTEM ALIGNED WITH THE NAPTF TESTING AREA MEASUREMENT NETWORK. THE NETWORK IS ALSO REFERENCED TO A LOCAL SURVEY DATUM.

3. LOCATION OF THE STAGING AREA SHOWN IN APPROPRIATE, THE EXACT LOCATION WILL BE DETERMINED IN THE FIELD BY THE RELEVANT AGENCY.

LEGEND

A. CENTER LINE MARKER - OSLO NAIL
B. CONTROL POINT - NAIL NAIL
C. WASHER

GIRI FILE: REF-CRACK-PH1-NM1-GLD.DWG
REFLECTIVE CRACKING RIG PLAN VIEW

SECTION A-A
EXISTING TEST AREA UNDERLAY DETAIL
HORIZONTAL SCALE: 1"=5'
VERTICAL SCALE: 1"=0.5'

SECTION C-C

LEGEND:
- P-501 CONCRETE PAVEMENT
- (PORTLAND CEMENT CONCRETE)
- DENSE GRADED AGGREGATE
- SUBGRADE

REFLECTIVE CRACKING TEST AREA
LOOKING EAST VIEW
N.T.S.

REFLECTIVE CRACKING TEST AREA
LOOKING WEST VIEW
N.T.S.
EXISTING TEST AREA UNDERLAY (SEE DETAIL ON SHEET 4)

NOTE: SEE SHEET 4 FOR EXISTING TEST RIG DETAILS

NOTES:

1. TEST STRIP WAS PLACED IN TWO (2) 2 1/2" COMPACTED LIFTS.
2. STRAIGHT ASPHALT BINDERS (I.E., PG 64-22) WAS APPLIED BETWEEN LIFTS
   AND ON THE CONCRETE AS A TACK COAT, AT AN APPLICATION RATE
   OF 0.03 – 0.05 GAL/ YD².

LEGEND:

P-401 PLANT MIX BITUMINOUS PAVEMENT

REFLECTIVE CRACKING PHASE I
CONSTRUCTION PLAN

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CONSTRUCTION PLAN

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REvised SHEETS 3 AND 4 PER FAA COMMENTS.

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PROJECT NO:
SIZE: ANSI D
SCALE: AS NOTED
SHEET 5 OF 7

CAD FILE: REFL-CRACK-PH1-CONST.DWG