PART IV – PROGRAM NARRATIVE

(Suggested Format)

PROJECT: Rehabilitate Taxiway - Relocation of Runway 14-32 Hold Lines and Signage to meet Setback Standards

AIRPORT: Rapid City Regional Airport

1. Objective:

The Runway 14-32 hold short positions at each of the connecting taxiways are at 250 feet from runway centerline. The Certification Inspector has noted that this is not in conformance with the current FAA design criteria which would require the positions to be at 282 feet from runway centerline. The existing pavement markings associated with the holding positions will be obliterated and the runway guard light and associated signs will be removed. New pavement markings, runway guard lights and signs will be relocated at the new positions along with modifications to the taxiway edge lights as required. Eight locations will be impacted.

2. Benefits Anticipated:

Improved airfield ground traffic safety and provide these locations within the current FAA design standards.

3. Approach: (See approved Scope of Work in Final Application)

This would be a single phase project utilizing the traditional design, bid and build concept.

4. Geographic Location:

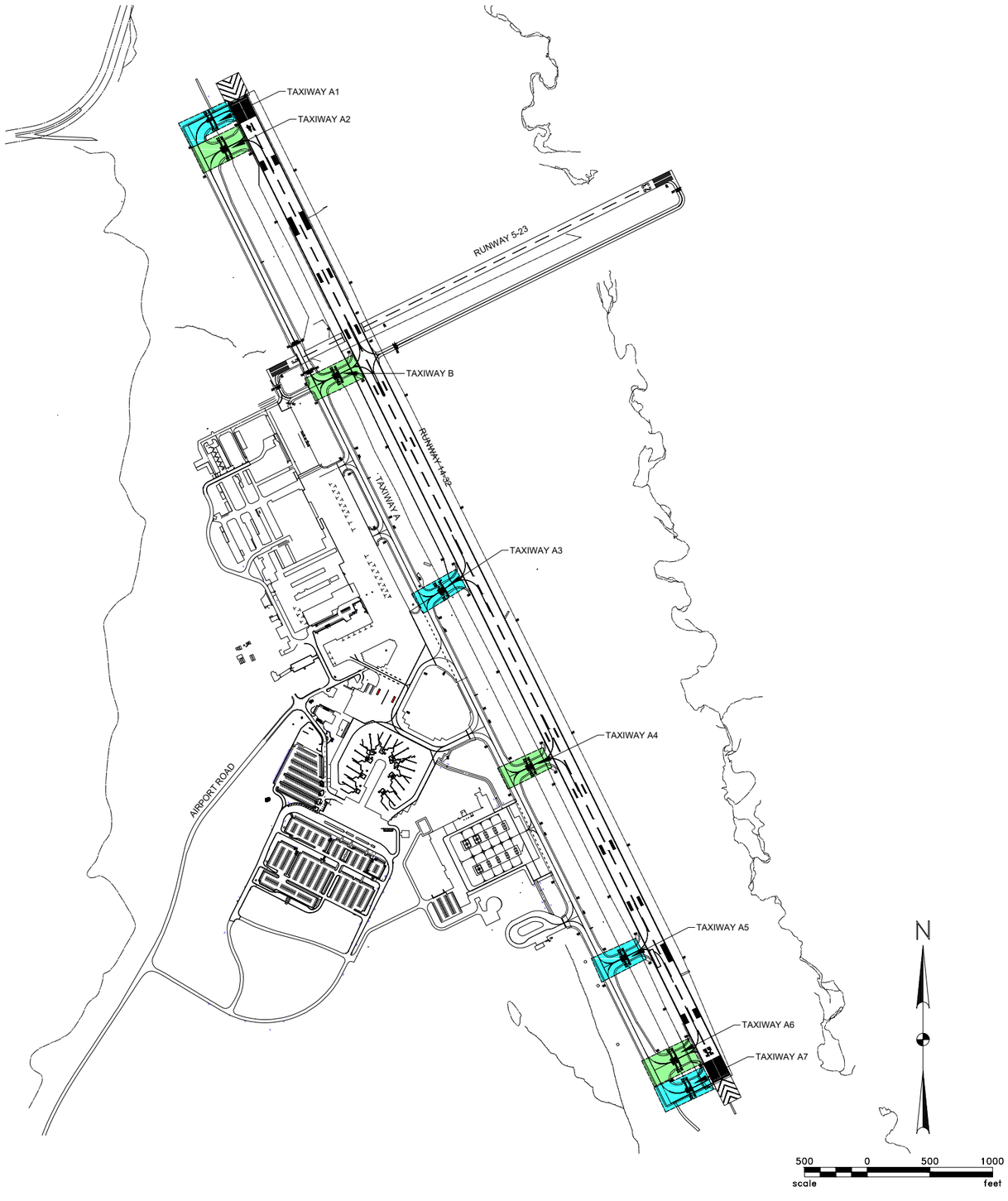
Rapid City Regional Airport - City of Rapid City - County of Pennington - State of South Dakota

5. If Applicable, Provide Additional Information:

This is not a Letter of Intent project.

6. Sponsor's Representative: (include address & telephone number)

Mr. Patrick Dame - Airport Executive Director
Rapid City Regional Airport - 4550 Terminal Road Suite 102
Rapid City, SD 57703 Telephone: (605)394-4195



PROJECT WORK DESCRIPTION

1. OBLITERATE EXISTING HOLDING POSITION MARKINGS AT TAXIWAYS A1, A2, B, A3, A4, A5, A6, AND A7.
2. INSTALL NEW HOLDING POSITION SURFACE MARKINGS AT 282 FEET FROM RUNWAY CENTERLINE AT TAXIWAYS A1, A2, B, A3, A4, A5, A6, AND A7.
3. REMOVE AND SALVAGE EXISTING TAXIWAY HOLDING POSITION SIGNS AT TAXIWAYS A1, A2, B, A3, A4, A5, A6, AND A7. DISPOSE OF SIGN FOUNDATIONS AND BASE CANS.
4. INSTALL SALVAGED SIGNS WITH NEW BASE CANS AND FOUNDATIONS AT NEW HOLD LINE POSITIONS.
5. REMOVE AND SALVAGE EXISTING RUNWAY GUARD LIGHTS AT TAXIWAYS A1, A2, B, A3, A4, A5, A6, AND A7 AND INSTALL NEW SOLID COVER OVER EXISTING BASE CANS.
6. INSTALL SALVAGED RUNWAY GUARD LIGHTS ON NEW BASE CANS AT NEW RUNWAY HOLDING POSITIONS (BID ALTERNATE REPLACE ALL EXISTING RUNWAY GUARD LIGHT FIXTURES WITH NEW FIXTURES).

LEGEND

PHASE 1 - RELOCATION OF HOLDING POSITIONS INCLUDING SIGNS, RUNWAY GUARD LIGHTS, AND SURFACE MARKINGS LOCATED AT TAXIWAYS A1, A3, A5, AND A7

PHASE 2 - RELOCATION OF HOLDING POSITIONS INCLUDING SIGNS, RUNWAY GUARD LIGHTS, AND SURFACE MARKINGS LOCATED AT TAXIWAYS A2, B, A4, AND A6

REGISTERED PROFESSIONAL ENGINEER
REG. NO.
6136
RODNEY A. SENN
SOUTH DAKOTA
April 1, 2020

KLJ

RUNWAY 14-32 HOLDING POSITIONS RELOCATION

RAPID CITY REGIONAL AIRPORT

RAPID CITY, SOUTH DAKOTA

PROJECT WORK DESCRIPTION

DRAFTED	TJL
REVIEWED	RAS
PROJECT NUMBER	1905-01611
LAST REVISED DATE	03/27/2020
SHEET	1

Mar 27, 2020 - 3:57pm - K:\Projects\Airport\SD\RapidCity_RAP\1905-01611\CADD\Plan\1905-01611_pwd.dwg (PROJECT WORK DESCRIPTION)

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