



PORT OF
BENTON

 CENTURY
WEST
ENGINEERING

RICHLAND AIRPORT 2024 CONSTRUCTION PROJECTS

MARCH 13, 2024

RLD Airport Construction Projects to Expected to Occur in 2024

- **Pavement Rehabilitation Project**
 - Crack repair and fog seal on asphalt across the Airport
 - Refresh pavement markings across the Airport
- **Hangar Taxilane Construction Project**
 - ~1,300' of new taxilane to be constructed to accommodate future hangars (east of Taxiways A1 and A2)

Project Funding

- The Port is expected to receive two separate grants from FAA, one grant for each project. The grants will cover 90% of all project costs.
 - Pavement Rehabilitation Project to be funded by an AIP grant from FAA
 - Hangar Taxilane Construction Project to be funded by a BIL grant from FAA
- As a condition of receiving FAA grants, the Port must accept all conditions and obligations stipulated under the FAA grant assurances. This includes following FAA's design guidance, and safety during construction procedures.

Anticipated Project Schedules and Status Updates

- **Pavement Rehabilitation Project**
 - Engineering design has been completed
 - Bids will be opened March 27, and construction contract will be awarded soon after
 - Construction expected to occur August 19 – October 18, 2024
- **Hangar Taxilane Construction Project**
 - Engineering design recently started
 - Bidding expected to occur in June
 - Construction expected to occur late fall 2024 (60 calendar day construction duration anticipated)

Pavement Rehabilitation Project Need

- The existing asphalt is not exhibiting structural failures but does have significant cracking (wide and narrow) across the Airport.
- Asphalt could use surface sealant to rejuvenate the bituminous surface.
- Pavement markings are generally faded with some 'ghost' markings across the Airport.
- Most recent pavement rehab project occurred in 2016.



Figure 1: Main Apron Looking East



Figure 2: Main Apron Looking North East



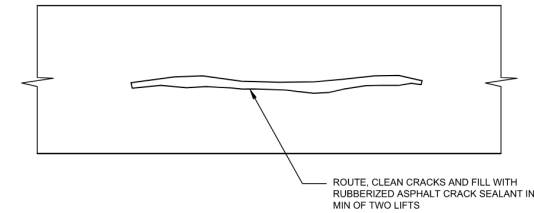
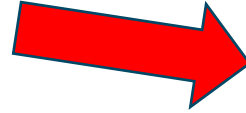
Figure 3: Taxiway A Looking East



Figure 4: North Apron Looking North East

Pavement Rehabilitation Project Approach

- Narrow crack vs wide crack repair
- Application of fog seal (subject to FAA funding availability)
- Refresh of all pavement markings



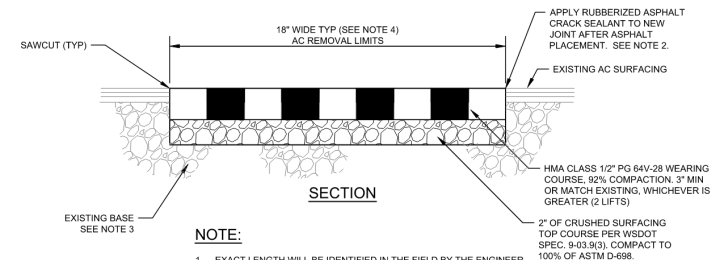
NOTES:

1. CLEAR CRACK OF ALL EXISTING SEALER, DEBRIS, AND VEGETATION.
2. VERIFY CRACKS FOR CLEANING AND FILLING WITH THE ENGINEER PRIOR TO BEGINNING WORK.
3. FOR PREVIOUSLY SEALED CRACKS OR CRACKS WITH EXCESS VEGETATION, CLEAN CRACKS WITH HEAT LANCE AND FILL WITH RUBBERIZED ASPHALT CRACK SEALANT IN MIN OF TWO LIFTS.

Note: A full-time inspector will be on-site during construction to assure compliance with the design.

CRACK REPAIR FOR CRACKS LESS THAN 1.5" 1 C-19

NO SCALE



NOTE:

1. EXACT LENGTH WILL BE IDENTIFIED IN THE FIELD BY THE ENGINEER PRIOR TO CONSTRUCTION.
2. TACK ASPHALT FACES OF SAWCUTS WITH PG 64V-28 OIL TACK COAT SHALL BE INCIDENTAL TO OTHER APPLICABLE BID ITEMS. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
3. RECOMPACT EXISTING BASE TO 100% OF ASTM D-698 PRIOR TO PLACING NEW CRUSHED SURFACING TOP COURSE.
4. CRACK REPAIR WIDTH MAY BE REDUCED TO 12" IN WIDTH, IF DIRECTED BY THE ENGINEER, FOR UNIFORM CRACKS OF CONSISTENT WIDTH.

18" CRACK REPAIR FOR CRACKS GREATER THAN 1.5" 2 C-19

NO SCALE

FAA Construction Safety & Phasing Requirements

- Safety is the primary concern for all construction projects at Richland Airport
- FAA guidance for safety during is followed (in accordance with FAA grant assurances). FAA approves construction safety & phasing plans, which become part of the construction contract manual.



U.S. Department
of Transportation
**Federal Aviation
Administration**

Advisory Circular

Subject: Operational Safety on
Airports During Construction

Date: 12/13/2017
Initiated By: AAS-100

AC No: 150/5370-2G
Change:

Pavement Rehab Project Construction Phasing & Schedule



WORK AREA PHASING LEGEND

PHASE	AREA(S) OF WORK	DURATION#	ANTICIPATED CLOSURE DATES
PHASE 1	WA 13	10 WEEK DAYS	8/19/24 - 8/30/24
PHASE 2	WA 15	4 WEEK DAYS *	9/3/24 - 9/6/24
PHASE 3	WA 14	10 WEEK DAYS	9/9/24 - 9/20/24
PHASE 4	WA 1, WA 4, WA 8, WA 10	10 WEEK DAYS	9/23/24 - 10/4/24
PHASE 5	WA 2, WA 3, WA 6, WA 9	3 WEEK DAYS	10/7/24 - 10/9/24
PHASE 6	WA 5, WA 7, WA 11, WA 12	5 WEEK DAYS	10/14/24 - 10/18/24

= WEEK DAYS SHALL BE ANY DAY OTHER THAN A LEGAL HOLIDAY, SATURDAY, OR SUNDAY. WEEK DAY WORK IS ALLOWED BEGINNING MONDAYS AT 6:00 AM UNTIL FRIDAYS AT 4:00 PM. WEEKEND WORK IS NOT ALLOWED.

* = PHASE 2 IS EXPECTED TO BEGIN 6:00 AM TUESDAY, SEPTEMBER 3, 2024 (THE DAY AFTER THE LABOR DAY HOLIDAY) AND CONCLUDE BY 4:00 PM FRIDAY, SEPTEMBER 6, 2024.

Hangar Taxilane Construction Project



Hangar Taxilane Construction Project (Cont'd)

- Project will accommodate the need for additional hangar space at RLD by constructing ~1,300' of new taxilane to provide future hangars with access to Taxiway A and the main apron.
- Construction will require limited, partial closure to Taxiway A (south).
- Construction expected to occur in the fall of 2024.



We Thank You for your Interest & Involvement



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