



TOWN OF QUEEN CREEK



Queen Creek Wash Trail Engineering Agreement with Union Pacific Railroad



Troy White, Public Works Director

Town Council 8.4.21

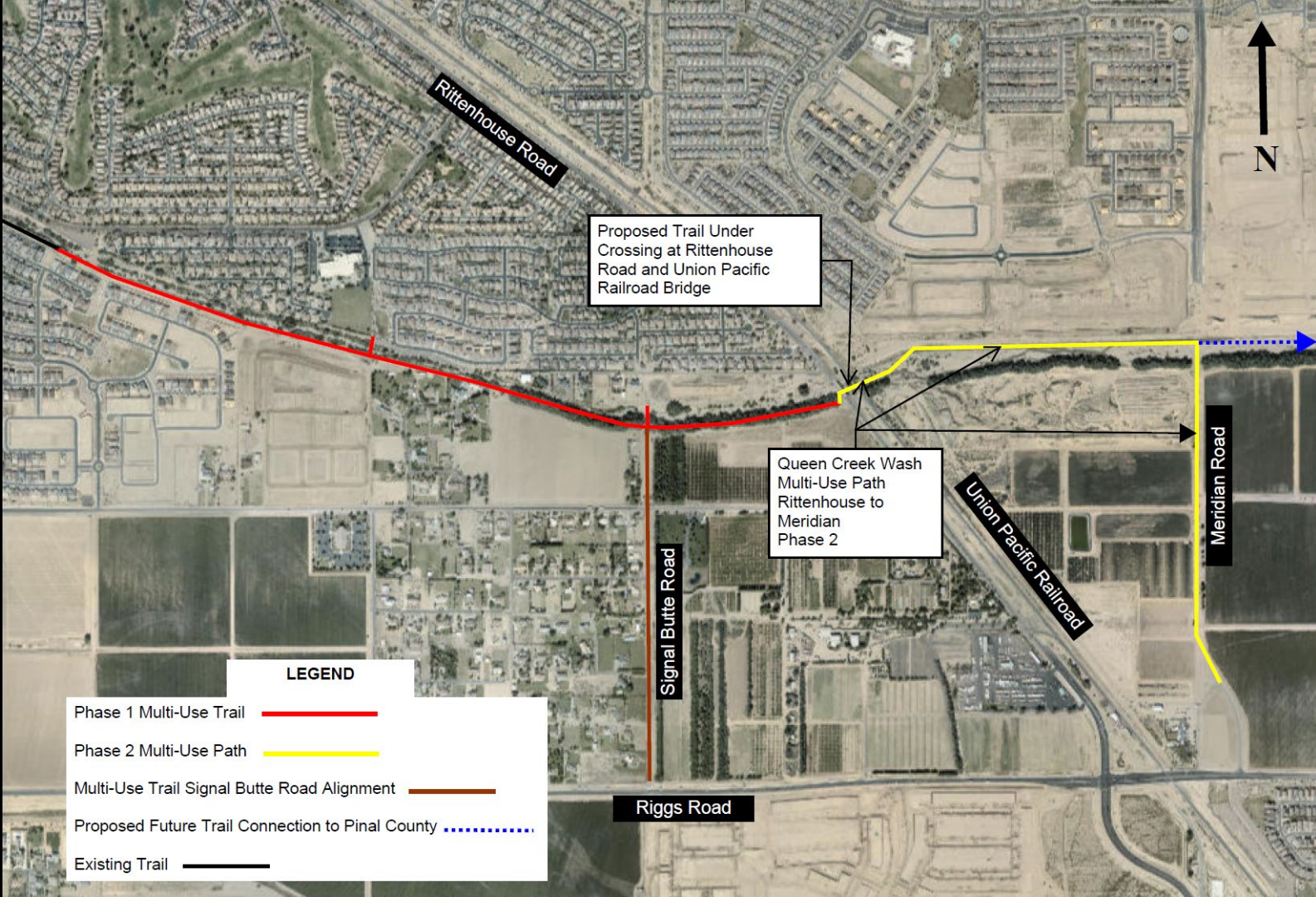
Specific Issue

During the Project Assessment for the Queen Creek Wash Trail Phase II Project, staff identified a couple of potential issues crossing under the Union Pacific Railroad that need to be resolved prior to formal design and construction.

Therefore, Town staff is seeking approval of an engineering contract with Union Pacific Railroad to determine possible mitigation efforts that would allow the trail project to proceed.

It is estimated that it will take 18-24 months to obtain approval from the Railroad.





Rittenhouse Road

Proposed Trail Under Crossing at Rittenhouse Road and Union Pacific Railroad Bridge

Queen Creek Wash Multi-Use Path Rittenhouse to Meridian Phase 2

Union Pacific Railroad

Signal Butte Road

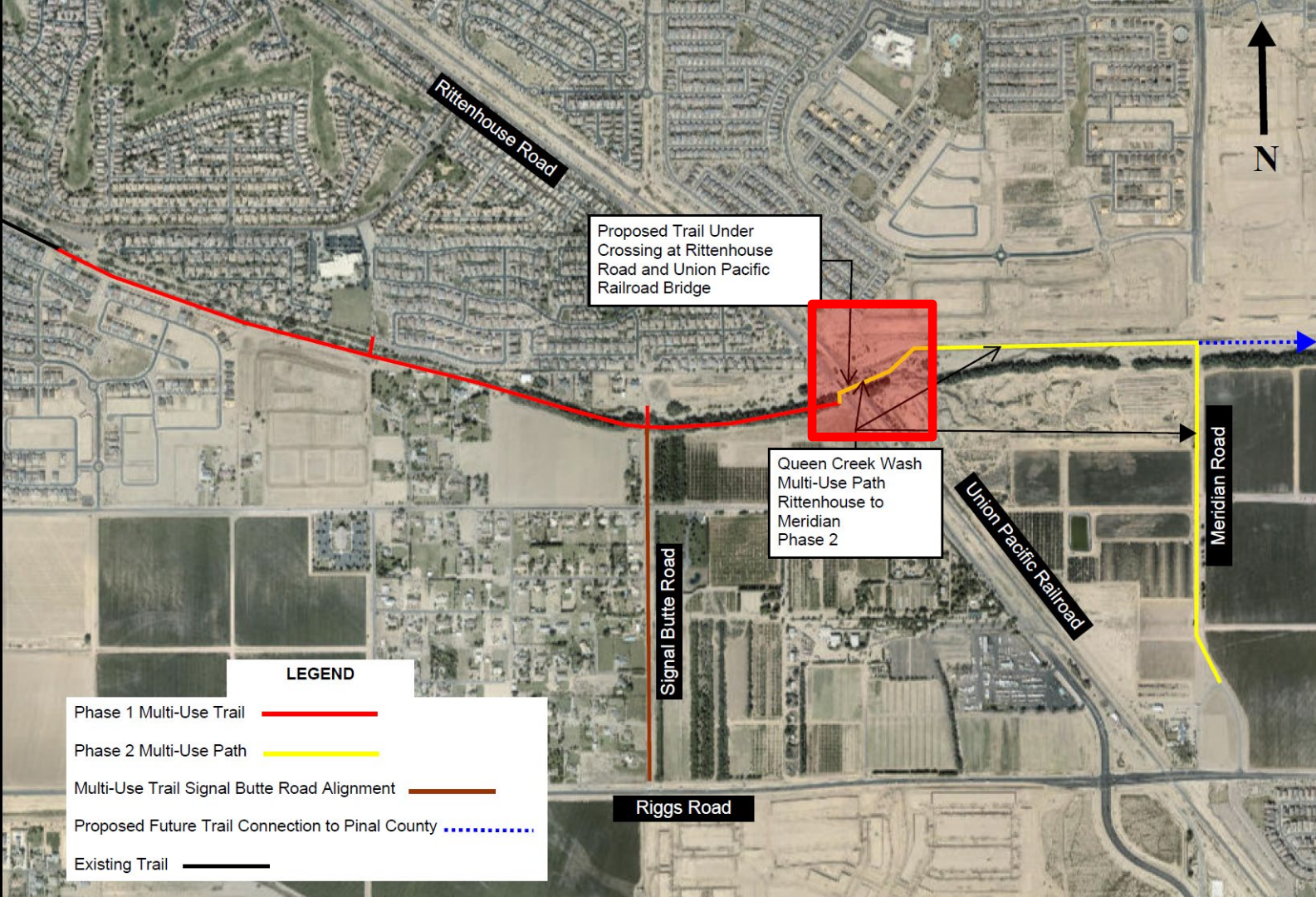
Riggs Road

Meridian Road



LEGEND

- Phase 1 Multi-Use Trail —
- Phase 2 Multi-Use Path —
- Multi-Use Trail Signal Butte Road Alignment —
- Proposed Future Trail Connection to Pinal County - - - - -
- Existing Trail —



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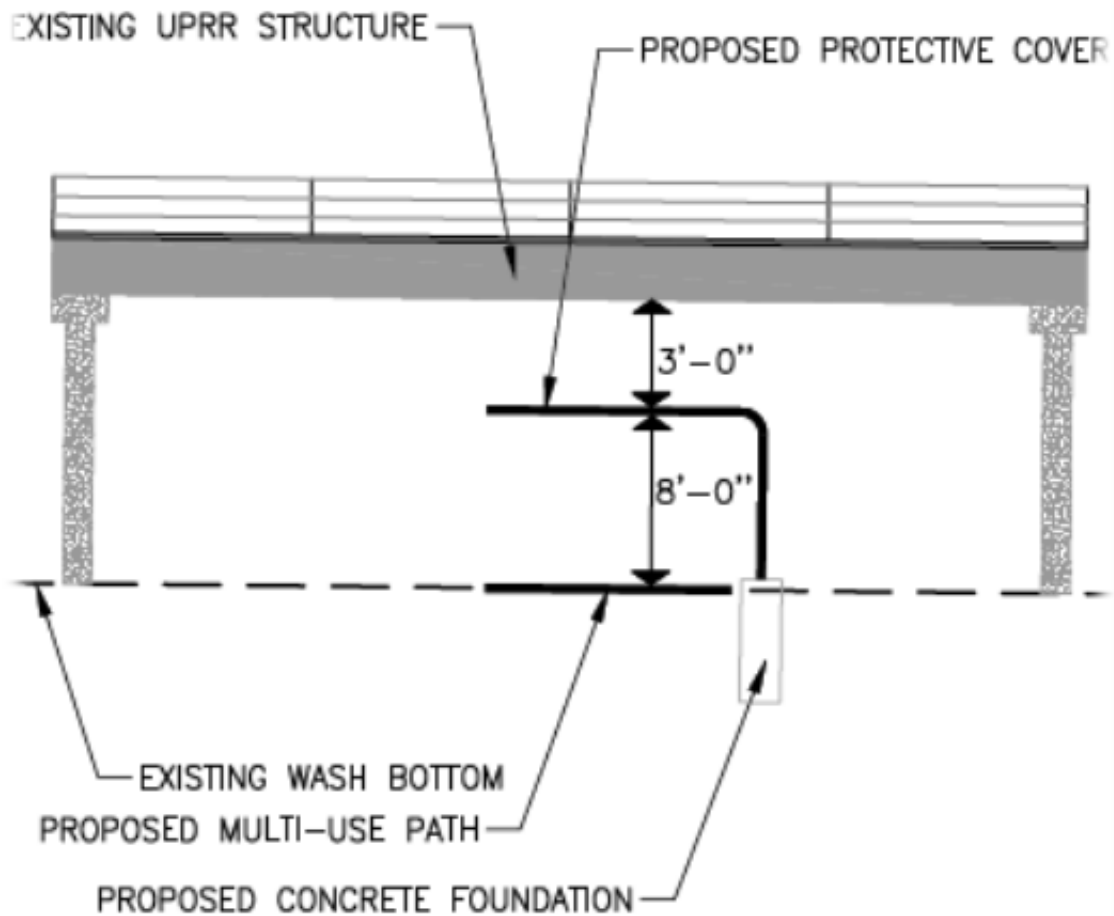
Issues Identified During Project Assessment

Railroad Guidelines for Separation Projects:

7.3.2 Underpass Crossing (Railroad Structure over Trail) –

- The Railroad discourages the construction of new Underpass Structures. If an Underpass Structure is the only feasible structure type for the proposed site, a detailed type selection report must be submitted to justify its use. Underpass trail crossings which also serve to convey water are not permitted.
- Protection from falling debris is required for the crossing of pedestrians safely under active rail bridges. The overhead protection shall extend a minimum of 30 feet out on each side of the Railroad structure, or further as designated by the Railroad's engineering department. However, the protective cover shall not reduce the existing hydraulic opening, shall not function as a debris catcher and shall not impact proper inspection of the structure by Railroad personnel. Measuring from bottom of the Railroad structure to the top of the protective cover shall not be less than 3 feet to allow for inspection and shall not be attached to the structure. If the Applicant can not meet these requirements then the Applicant shall provide a removable hatch to allow Railroad personnel to inspect the bridge structure.





Staff Recommendation

Council Approval of a Reimbursement Agreement between the Town of Queen Creek and Union Pacific Railroad for preliminary engineering services in an amount not to exceed \$38,500, and necessary budget adjustments.

- Allows Town staff to submit formal design plans for approval to the Union Pacific Railroad and mitigate any potential concerns.
- If the Railroad approves the plans, allows the Town to install the trail.
- If the Railroad does not approve, allows the Town time to develop an alternative plan prior to the formal design of Phase II.





Questions