
PROJECT DESCRIPTIONS

2023 TOWNWIDE ROADWAY RECONSTRUCT PROGRAM, PROJECT DESCRIPTIONS

- **Keyser Creek Ave Reconstruct, Red Rosa Cir to Motsenbocker Rd.**

The Town of Parker intends to reconstruct the section of Keyser Creek Avenue, from just East of Red Rosa Circle to Motsenbocker Road. The reconstruction will involve removing the existing concrete pavement, plaza concrete, concrete returns, and replacing with Concrete Crosspans, aprons, and Hot Mix Asphalt. Included in the scope of this project is updating ADA facilities to current standard, removing, and replacing existing gutter type 2 from 2 ft wide to 4 ft wide, and replacing damaged curb and gutter, sidewalk, and parking aprons that show damage.

To facilitate the reconstruct work on Keyser Creek Ave., there will be two phases. The road can be closed and constructed out of traffic. The Phase 1 limit is from Red Rosa Circle to the west point of curb return (PCR) of Cory Street. The Phase 2 limit is from the west point curb return (PCR) of Cory Street to Motsenbocker Road.

The contractor shall maintain all traffic control devices throughout each phase. The contractor shall make available 2 Variable Message Sign Panels for phase 1 and phase 2 to assist in providing information to the public.

There will be a project Incentive/Disincentive for this contract. Each Phase will carry an Incentive/Disincentive of \$7,500 per day, for a maximum incentive of up to 5 days (per Phase). Each Phase has an expected duration of 5 weeks (35 calendar days). For everyday prior to 35 calendar days that the phase is opened to the public, the contractor would receive \$7,500 per day to a maximum of 5 – days per phase. If the work progress to 36 calendar day, the contractor will be assessed damages at a rate of \$7,500 per day, with no upper limit.

Phase 1

The first phase will include all of the work to be performed between Cory Street to the West limits. For the section of roadway from the west end up to Ventana Street, the existing subgrade is Chemically Treated Subgrade (CTS). After removing the existing pavement, the contractor shall provide an 815 Caterpillar Compactor (or equivalent) to microfracture the Chemically Treated Subgrade CTS per the project special provisions. This will be done by rolling the subgrade to the satisfaction of the Engineer. As a basis for estimating, it is anticipated that this rolling will take up to 8 hours. After rolling, the contractor shall overlay the subgrade with two HMA lifts consisting of a 4.5” of Grading S and 3” of Grading SX. There is a 75’ section of roadway to the west of the concrete limit that will milled to a depth of 3”, and overlaid with the top mat.

For the section or roadway from Ventana Steet to East project limits, limits of CTS will be determined by the project engineer at the time of removal of concrete pavement. Where CTS is not found, 12 inches of existing subgrade to be reconditioned, tested for moisture & density, proofrolled for stability. Should additional Aggregate Base Course Class 6 be required, the contractor will be compensated to import the material to balance. This section of roadway will then be bladed and balanced to receive a 6” HMA section, with 3” each of Grading S and Grading SX.

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The 4-foot Type 2 Gutter not to be installed in first section to the west of Ventana Street where there are parking stalls. This is a crowned section throughout and does not require a pan at edge of drive lanes. 20' +/- of roadway shall be removed and reconstructed with Hot Mix Asphalt.

Phase 2

The second phase limit is from the west point curb return (PCR) of Cory Street to Motsenbocker Road. For this section, contractor will recondition the existing subgrade to 12 inches, and will be tested for moisture & density, proofrolled for stability. Should additional Aggregate Base Course Class 6 be required, the contractor will be compensated to import the material to balance. This section of roadway will then be bladed and balanced to receive a 6" HMA section, with 3" each of Grading S and Grading SX.

Pool entrance and on-street parking between Cory Street and Red Rosa Cir, to be open and unobstructed throughout phase 2

Note, (For Keyser Creek Ave) :

VMB's will be required before and during construction and at the following milestones:

- a) 7 Days prior to construction commencement
- b) Throughout the project (2) boards shall remain for Phase 1 and Phase 2 construction.