

**KINGSBURY GENERAL IMPROVEMENT DISTRICT
AGENDA ITEM #13**

TITLE: Selection of contractor for curb and gutter removal and replacement on Andria Dr.

MEETING DATE: October 20, 2020

PREPARED BY: Brandon Garden, Utility Operations Superintendent

RECOMMENDED ACTION: Trustees to direct staff

BACKGROUND INFORMATION: When the initial paving was completed for the Andria Dr. Reconstruction project, we had a pressure event while setting the pressure standards for the new pressure reducing vault installed during the project at Andria and Bradbury. With this event it caused a pressure relief to discharge sending water down the curb and gutter on the downhill/south bound lane of Andria. This led us to see there is a section of curb and gutter that is unable to keep water in the gutter pan allowing water to exit the gutter and flow into the road. This will cause major freezing and ice issues if not addressed and is a major safety concern during the winter months. This is right before the hard corner at the bottom of Andria near the intersection with N. Benjamin.



The cause of this issue is due to the grade/slope of the gutter pan sloping back to the road and not to the gutter. The area needing replacement is 55 linear feet. We have verified that the grade for this area of the curb and gutter is at zero percent/flat. Ideally most curb and gutter sections call for a 1.5 -2 percent slope from the edge of curb to the gutter face. Curb and gutter removal and replacement was not part of this project. If approved, we will be working with the selected

contractor to slope the curb section to a minimum of 3 percent. This will allow all water flowing down the gutter to stay in the gutter and not enter into the roadway.

The past protocol when doing road projects was to not remove and replace curb and gutter unless it was chipping and failing. Flow tests of curb and gutters was also not done before hand in an attempt to save money with project development. From now on we will flow test curb and gutters beforehand, in house by our field crews, to see if there are areas of concern that can be addressed during construction to alleviate water flowing over roadways creating freezing and icing issues.

I have requested pricing for the removal and replacement of the 55 LF of curb and gutter from two contactors, the first request is from White Rock Construction (WRC) who was contracted for the Juniper Waterline and Road project and is currently doing work on Terrace View for the sewer force main replacement for Douglas County Lake Tahoe Sewer Authority (DCLTSA), and the other request is from Impact Construction (IC) who has worked with the District in the past and is currently working with Douglas County on the Brautovich Park project. Both prices are reasonable and both companies are capable to perform the work. WRC's proposal is \$9,450.00 with \$2,300.00 of that being for contractor supplied traffic control. KGID crews can provide the traffic control reducing the price from WRC to \$7,150.00. IC's proposal is \$8,220.00 with KGID providing traffic control. The only area of concern is timing to complete the work before there is a chance of weather impacting our area. WRC is in contract with DCLTSA and that project takes precedence over this proposed work creating the possibility for the work not to be completed until sometime in December. IC has said they can perform and complete the work the week of October 26th. The choice to be made is to complete the work for a lower price or complete the work before there is a chance for weather to impact our area.

INCLUDED:

- Impact Construction estimate
- WRC Quote
- Typical curb and gutter detail used by the City of Reno

Fund impacted by above action:

- | | |
|--|---|
| <input type="checkbox"/> All Funds | <input type="checkbox"/> Not a Budget Item |
| <input type="checkbox"/> Water Fund | <input type="checkbox"/> Sewer Fund |
| <input checked="" type="checkbox"/> General Fund | <input type="checkbox"/> Snow Removal Fund |
| <input checked="" type="checkbox"/> Not Budgeted for | <input type="checkbox"/> Emergency Spending |