

CONTRACT 2016-July 9 – BARITE RESURFACE

DESCRIPTION OF WORK/PROPOSAL----BARITE ST.

Total length of project (District's area) shall be approx. 395 lin. ft. beginning approx. 30 lin. ft from the center line of Crystal Blvd. The road surface width shall be 18 ft. with shoulders on each side min. 1 ft. to 2 ft.

Attention should be given to fact an E.I.D. water service line appears to run in the center of the road. Near the crest of the hill, approx. 425 ft. from the center line of Crystal Blvd. there is a water service "vent" valve box on the inbound side. It is recommended U.S.A. mark all service lines prior to start of work as this is the responsibility of the contractor.

Beginning approx. 30 lin. ft. from center line of Crystal Blvd. saw cut as necessary to establish a smooth transition from original paved encroachment to new surface when completed. Uniformly grade and place existing material within the roadway inc. shoulders and compact entire surface approx. 425 lin. ft. from center line of Crystal Blvd. All material graded or brought in shall be compacted to a relative density of 95 percent.

All grade/shape work shall be completed w/2% crown with attention given to the ditch line. Place/compact 3/4" agg. base as needed to complete areas creating or improving shoulders on both sides.

The road surface shall tie uniformly and smooth to each of the three existing driveways. The third driveway (road) is of gravel material with some use for cattle trucks. An encroachment apron (minimum of 8 feet) shall be constructed the entire width of the driveway to improve transition from the gravel surface to the new road surface.

After cleaning/compacting the road surface, a minimum of 2 1/2" compacted AC material, with fiber inc. shall be placed for a width of 18 ft. over the entire roadway and driveways encroachments. A tackifier shall be applied to all surfaces of existing AC that will receive new AC material.

Final surface shall consist of a double chip seal coat. Double chip seal coat shall consist of an application shall be completed after removing loose material from paving process. An application of asphaltic emulsion followed with an application of screenings, and another application of asphaltic emulsion followed with a final application of screenings shall be the final road surface. Rate of emulsion shall be 0.30 to 0.40 as measured in gallons per square yard. Exact application subject to change based on field conditions.

Screenings (chips) shall be spread immediately following the application of emulsion at the rate of 22 to 30 pounds per square yard. The exact rate may be modified at the option of the District.

The completed surface shall provide a uniform appearance and shall be free from ruts, humps, depressions or irregularities due to uneven distribution of emulsion or screenings.

The Contractor is required to broom excess screenings. Initial brooming may begin 5 to 7 days after the screenings have been in place. Final brooming may be completed 7 to 10 days after initial brooming at the direction of the District.

Residents will be encouraged to drive slow and with caution during the entire project time frame. Daily traffic will help set the chips in place and will increase the longevity of the road surface.