

Robert H. *WARD & ASSOC., Inc.**Concrete Repair**48TH Year of Excellence**Shotcrete Specialists*

September 21, 2009

Attn: Brian Madon/Tom Martin
Village of Orland Park
Fax # 708-403-8798

Re: Curb Repair
2010 Street Repair Program
Orland Park, IL

We will provide, mobilization, labor, equipment, materials, and insurance to repair designated curb areas using our proprietary method of shotcrete repair for the following unit price:

Unit Price.....\$22.75/Lineal Foot

All repairs must be in neighborhoods where lane closures or traffic devices are not needed or required. We will provide barricades or markers for every location that we repair.

Measurement of the repairs for billing purposes, will be taken after the locations are prepared (chipped) to the extent necessary to remove all loose, cracked, defective, contaminated concrete to expose sound, clean surfaces. All repairs are measured by the length of the repair parallel to the face of the curb. **You will only be charged for actual repairs completed in place.**

The repair area, for measurement purposes, shall be defined as the outside limits of the concrete removal, after the preparation (chipping) is completed. The minimum measurement at any one repair location is One (1.0) Lineal Foot. If a repair location is longer than 1.0 Lineal Foot, then the measurement for that location will be taken in tenths of a foot - for example, 1.2 or 1.3 lineal feet. Over the years, the average measurement for each large crack has been 1.2 or 1.3 Lineal Feet. Broken edges of the flag (gutter) or rolled top area of the curb are usually longer. **Any areas that require complete removal and replacement are not covered by this proposal.**

Thank you for the opportunity to quote this work.

Sincerely,

Anthony F. Pappalardo

PHONE 708-756-0767

3300 HOLEMAN AVE. SO. CHICAGO HEIGHTS, IL 60411

FAX 708-756-0940

WWW.RHWARDANDASSOCIATES.COM*Equal Opportunity Employer*

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September 21, 2009

Attn: Brian Madon/Tom Martin
Department of Public Works
Village of Orland Park
Fax # 708-403-8798

RE: Inlet/Catch Basin Repair
Various locations
Orland Park, IL

We will provide, mobilization, labor, equipment, materials, and insurance to repair designated catch basin/inlet areas using our proprietary method of shotcrete repair for the following prices:

Type I @ \$850/each Preparation/removal of deteriorated joint material at steel frame, between concrete rings, and at intersecting pipes. Pressure grout shotcrete material into voids or washouts, then shotcrete to fill and finish all open joints flush with opening. Also rebuild any deteriorated concrete rings inside of basin.

Type II @ \$1,400/each All of the problems stated above would be included. Additional repairs would included removal of concrete curb stubs, if required, completely rebuild deteriorated concrete rings, reset steel frame at proper height, replace concrete curb stubs to flow into catch basin, excavate parkway behind basins to expose voids from inside and outside of basin, shotcrete to fill and seal all voids, and finally pressure grout beneath sidewalks, street, or driveway aprons adjacent to basin to fill voids.

The basin repairs must be in neighborhoods where lane closures or extensive traffic devices are not needed or required. If you will provide barricades for each location repaired, we will place them, after repairs. Thank you for the opportunity to quote this work.

AFR/tr

Sincerely,

Anthony A. Ward

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