



## CENTERLINE

## MEMORANDUM

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**TO: Dale Tech, PE, City Engineer**  
**FROM: Lawrence M Kostaneski, PE**  
**DATE: November 19, 2012**

RE: REQUEST to add an item to the Nov. 27, 2012 Public Works Committee Meeting

**Request city participation in the survey, geo-tech, preliminary design and construction of a water main in Golden Eagle Dr.**

CC: Copper Ridge, LLC, file

Message:

The attached graphic shows the lots platted by the city several years ago, bounded by Promise Rd., Golden Eagle Dr., and the SD Hwy 16 frontage road. At the time the city chose not to complete the required improvements, nor did they grant themselves formal variances. Instead, they pledged the “good faith” of the city as collateral.

The city lived up to that pledge when the Copper Ridge, LLC project appeared, by entering into a shared cost agreement for the extension of Promise Road to Golden Eagle that was needed to meet the Copper Ridge platting requirements. This extension is nearly complete.

The Copper Ridge project also included the extension of Vineyard Lane to the west; a difficult and extraordinarily expensive road extension that was part of a much grander development vision that has been mostly abandoned.

The city built an 8” water main along Promise Rd., as part of the Fire Station 6 project, which ended 600 ft +/- short of the natural terminus of Promise Rd at Golden Eagle Dr. This 8” dead end water main, however, is quite inadequate for the very large apartment complex currently approved and in design.

After lengthy evaluation it was determined the Copper Ridge project could proceed without incurring the crippling costs of Vineyard Lane, except there is not adequate fire flow from the existing 8” dead end main without a loop connection.

One could argue the fire demand would be met had the city completed the plat required improvements to Golden Eagle. Copper Ridge would, however, prefer the city participate in a cost share, similar to Promise Rd., to extend a proposed 10” water main in Golden Eagle to an existing 14” main in the frontage road, thus creating the water system loop.

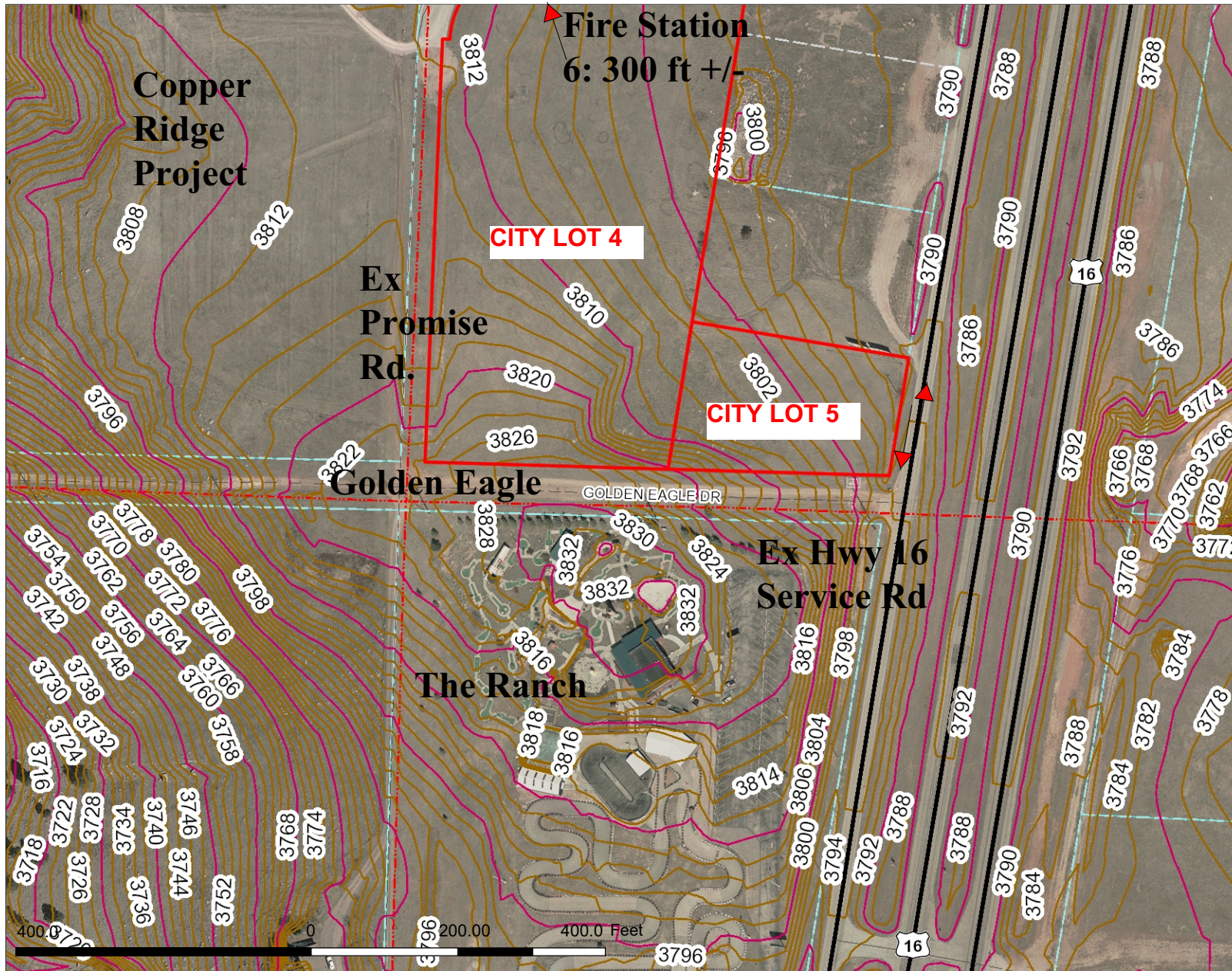
In this case costs would be confined to just enough design work to identify an alignment for the water main extension in Golden Eagle, and the construction of same. This solves the Copper Ridge fire flow problem, provides the city with a loop leg that would be constructed eventually anyway, and allows this very large sales and property tax generator to move forward. Scope estimate is \$75,000 inclusive.

END

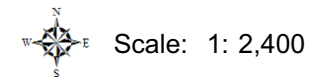


Legend

- Roads
  - Interstate
  - US highway
  - SD highway
  - County highway
  - Main road
  - Minor arterial
  - Collector
  - Ramp
  - Paved road
  - Unpaved road
  - Unimproved road
  - Trail
  - FS Highway
  - Airport Runway
  - Not yet coded
- City Contour Lines
  - Index
  - Intermediate
- Lot Lines
  - <all other values>
  - Lot Line
  - Parcel Line
- Township/Section Lines
  - 0
  - 7
- County Line



**Request city participation in the survey, geo-tech, preliminary design and construction of 700' +/- of 10" water main in Golden Eagle Dr.**



Map Notes:

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