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GREELEY NEIGHBORHOOD

A note to the reader: the following is a summary of findings determined through gis mapping products, visual observations, review of public works records and conversations with public works staff.

INFRASTRUCTURE – EXISTING CONDITIONS

The Greeley neighborhood, also known as the “Flats” was initially populated in the 1915-1930’s with most of the growth occurring in the 1920’s. Another burst of growth occurred in the mid 1940’s and again in the 1960’s as mining expansion drove housing growth east. The infrastructure is in poor repair.

WATER DISTRIBUTION SYSTEM

The water distribution system in this neighborhood is substandard, undersized and in poor condition. Water lines are available throughout the neighborhood except in the south east corner. Older, 2” lines still serve over half of the area causing pressure problems throughout even with replacement lines. There is no demand from new development and no funded replacement program in place, so replacement occurs on an “as needed” basis leaving inconsistent pipe sizes along distribution lines. The lines in Grand Avenue and Carolina are new along their full length but in other area the new lines are discontinuous.

The current lines do not have excess capacity and could not support new development. Fire flow is adequate, but not by DEQ standards. An operational 18” line exists along Elm and up Haynes that used to feed neighborhoods to the north before mine expansion could be tapped to support new development or replace existing.

Possible funds: Matching funds from BSB may be available if other grants or loans are found. The clean up boundary for the Natural Resource Damage program does not currently include this area.

SANITARY SEWER SYSTEM

In Greeley the sanitary sewer lines run in the alleys. The lines are old, constructed in the 1920’s, ‘30’s and ‘40’s but because they are not pressurized, they are in adequate shape. The east side of this neighborhood in the area of Lafayette, Gladstone by Continental, Elm and Grand is underserved and does not support development in the area.

The rest of the neighborhood is pretty well served. The lines are concrete sanitary sewer mains and there is a very good maintenance program of regularly foaming and jetting the lines as well as monitoring the conditions through cameras.

Upgrades in this area will be through slip lines rather than replacement due to the restricted work area of the alleys. This area is edged on the north and east with mining operations and therefore is the northeastern end of the service area for Butte.

STORM SEWER SYSTEM

Greeley area lacks adequate storm water collection system. The streets are paved but do not have curb and gutter throughout most of this neighborhood. There are random sections of curb but not enough to effectively collect or distribute storm water. The area is predominantly flat and the undirected storm water ponds in the graveled boulevards until it is absorbed in the gravels or evaporates. The lack of storm water collection causes damage to the road system.

Storm lines in this area are designated as secondary priority with pipe sizes of 8, 10 and 12" diameter. They are primarily of concrete with a few sections of PVC. The piping is adequately sized and in pretty good shape.

There are currently no funding programs in place for improvements in this area.

There is much better storm water collection in the neighborhood to the south (Racetrack) as a result of the curb, gutter and sidewalk improvements.

STREETS, CURB, GUTTER AND SIDEWALKS

The streets are generally in fair to poor condition with broken edges throughout and lack curb and gutter. Streets along Walnut and Silver Bow Boulevard are in the worst condition. Many intersections are damaged. Street edges are damaged by residents parking randomly along the streets.

Over half of the Greeley neighborhood does not have curb and gutter. In many areas the curb and gutter is damaged and discontinuous. Because of this, snow removal, street cleaning and sanding operations are very limited in this area. Rainwater is undirected and ends up ponding in low areas until it is absorbed or evaporates. Ponding water in areas of poor drainage cause damage from freeze/thaw cycles. This is evident along Silver Bow Boulevard, Pine, Walnut and at most intersections.

Sidewalks occur in barely a third of the neighborhood and are located generally along the west edge and south edge. Grand Ave is in the best condition with curb, gutter, sidewalks and street lighting.

Sanding the streets causes additional deterioration to the limited storm water collection system. Streets are narrow.

PUBLIC LIGHTING

Street lights in this neighborhood are single fixture pole mounted and located at street intersections.

UTILITIES – ELECTRIC AND GAS

Northwestern Energy provides natural gas and electricity to this area

Power is distributed through overhead power lines running primarily east/west down the alleys. Overhead power also runs north/south at Carolina Ave where they run down the street.