

CARE PROJECTS UPDATE

City Council Meeting January 12 2016

Dog Park Options

Bonneville Park - 1450 North 800 West - two blocks north of Bonneville Elementary

Skate park - 335 North 1200 West - near Fire Station #3

Community Park - 581 West 165 South - south of the Fitness Center

Bonneville Park

Parking: 30 Spaces

Bathrooms: Yes

Playground: Near

Water: Back Flow Protection

Trees: Young trees in area - design location

School: Bonneville Elementary is two block south

Detention Pond: Yes

Additional: Fence already on site. Already being used as a dog park.

Bonneville Park



Skate Park

Parking: 18 Spaces

Bathrooms: Yes

Playground: No

Water: Available

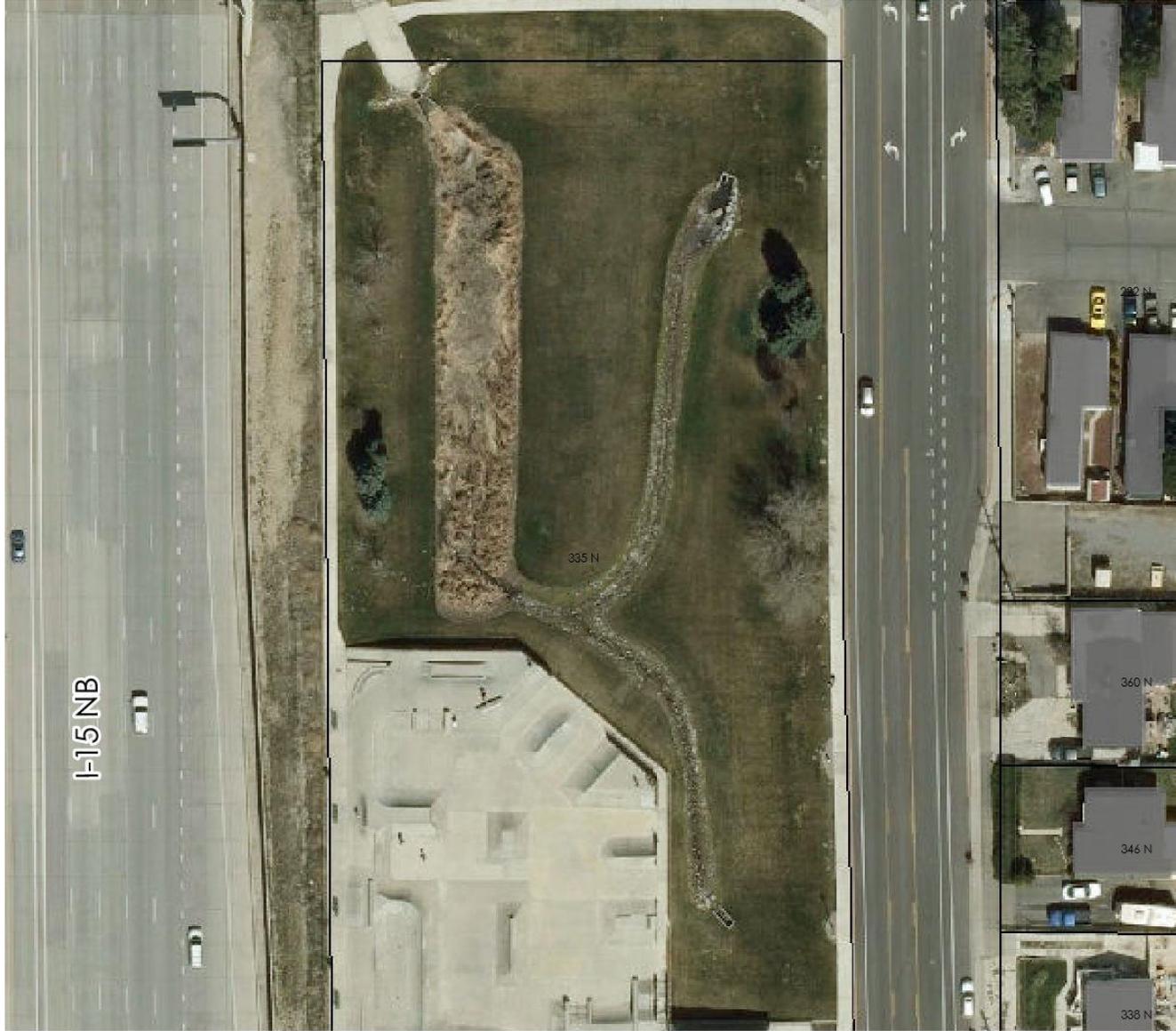
Trees: Mature

School: No

Detention Pond: Yes

Additional: Adjacent to Fire Station #3. Accessibility. Standing water. Topography. Cost. Conflict for parking with skaters.

Skate Park



Community Park

Parking: 43 Spaces

Bathrooms: Yes

Playground: Near

Water: Back Flow Protection

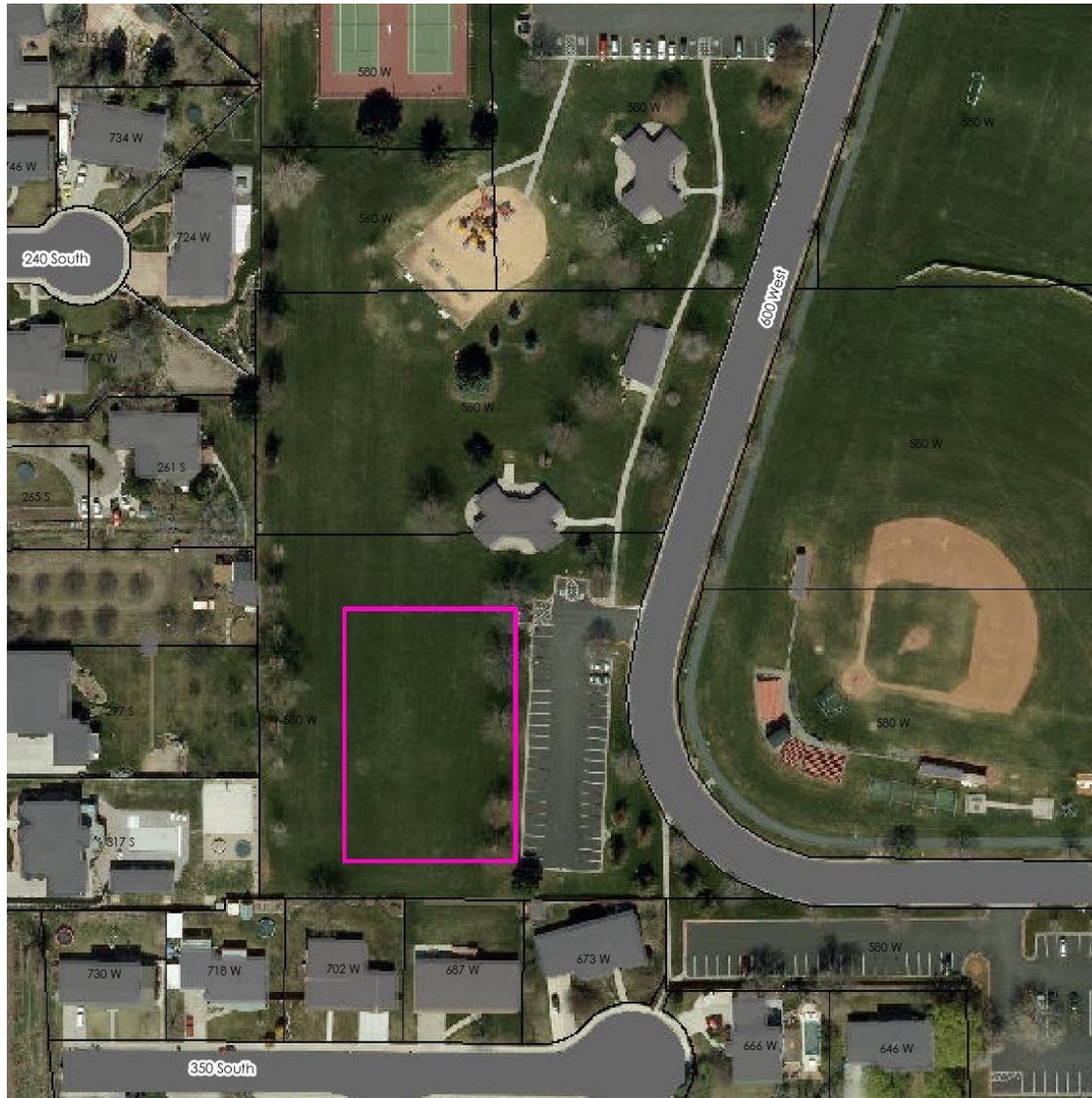
Trees: Mature

School: Orem Elementary and MVHS are in area but not attached

Retention Pond: No

Additional: Central Location. Impact (parking) on MVHS baseball. Possible water tank location in the future. Somewhat hidden. Programmed activates have been moved.

Community Park



Splash Pad - Palisades Park

Water Design Inc. - Tom Anderson

Three Flow Options:

FLOW THROUGH TO RE-USE FOR IRRIGATION

FLOW THROUGH TO WASTE

RECIRCULATED SYSTEM

Splash Pad - Palisades Park

FLOW THROUGH TO RE-USE FOR IRRIGATION

Pros:

- Multiple usage of the water - conservation
- Culinary water
- No health department involvement

Cons:

- Unique set of site conditions - flow/storage/irrigation
- Most expensive initial construction costs
- More difficult and expensive to achieve in an existing park

Water Design: This option doesn't appear to be an appropriate or preferred option at the Palisades Park location.

Splash Pad - Palisades Park

FLOW THROUGH TO WASTE:

Pros:

- Least upfront construction costs
- Culinary water
- Lowest ongoing operational costs and equipment upkeep

Cons:

- Limits design flexibility
- Politically insensitive - water consumption - 30 million gallons/season

Water design: FLOW THROUGH TO WASTE doesn't appear to be appropriate for the budget and design intent for Orem City's proposed splash pad. Generally limited to smaller 100 to 300 gpm splash pads.

Splash Pad - Palisades Park

RECIRCULATED SYSTEM:

Pros:

- Offers maximum flexibility in design
- Environmentally friendly - relatively minor water consumption
- Mid-range in construction cost at retrofit location

Cons:

- Treated water - pool water
- Falls under health department regulation
- Highest operational and staffing costs - \$28,000 to \$35,000/season

Water Design: Recommends this system after reviewing the location at Palisades Park. This recommendation is due to flexibility in design, budget amount, and limited water consumption.

Splash Pad -

So what does could a \$500,000 splash pad look like ?

Satisfactory Play Value Examples (~ 300 - 500 gpm display flow rate):



Questions ???