High Drive – 29th Ave. to Hatch Rd
High Drive – 29th Ave. to Hatch Rd.
Project Goals

- "Signature Status"
- Complete a gap in the bicycle network
- Pedestrian safety
- High Drive Park Trail parking
- Reduce combined sewer overflows to the Spokane River
- Pavement replacement
- Water main replacement
High Drive Integrated Design

- Addresses all infrastructure needs with one project
- Neighborhood only inconvenienced once
- Cost savings
High Drive Integrated Design

- Features included in this project
  - Combined sewage storage facilities
  - Storm water grass swales
  - New storm water pipe
  - Replacement water main
  - New Street
  - New Sidewalks and paths
  - New Bike lanes
  - Overlook parking areas
Combined Sewage Storage Facilities

- Include a vault and large diameter inline storage pipe.
- Store flows during storm events to reduce combined sewer flows to Latah Creek and the Spokane River.
- Storage facilities will be constructed at:
  - Browne St.
  - Lamonte St.
  - Hatch St.
Latah Creek Overflow
New Storm Water Systems

- Eliminates storm water flow into combined sewers.
- 29\textsuperscript{th} Ave. to Manito Blvd.: New grass swales in the existing median.
- Manito Blvd. to Hatch Rd.: A new storm water pipe.
Swale sizes shall accommodate Design Storm, but care should be taken to retain the existing trees in the median, where possible.

The system of swales and drywells will be located on the North and East side of the road, which will be curb-crowned to accommodate this system.
8-Inch Water Main Replacement
Manito Blvd. to Hatch Rd.
Street Features
Segment #1 (29th Ave. to Manito Blvd.)
TYPICAL CROSS SECTION - High Drive Parkway
N.T.S.  Manitou Blvd to 29th Avenue  Looking Southeast
TYPICAL CROSS SECTION - High Drive Parkway
N.T.S. Manito Blvd Near Bernard (Parking Pullout) Looking Southeast
Street Features
Segment #2 Options (Manito Blvd. to Grand Blvd.)

- Three options considered, as follows:
TYPICAL CROSS SECTION - High Drive

N.T.S. Hatch Road to Manito Blvd Option 1
Option 1
TYPICAL CROSS SECTION - High Drive
N.T.S. Hatch Road to Manito Blvd Option 2
TYPICAL CROSS SECTION - High Drive

N.T.S. Hatch Road to Manito Blvd Option 3
City selected option #3 because it supports integrated design goals with the least impact to the adjoining properties.
Project Schedule

- Advertise for construction bids in early Spring of 2014
- Construction start: Spring 2014
- Construction completion: Late Fall 2014
Discussion Tables

• Segment 1 Tables (29th Ave. to Manito Blvd.)
• Segment 2 Tables (Manito Blvd. to Hatch Rd.)
• Comment cards are available tonight or if you prefer you can email your comments to:

  Julie Happy at
  Highdriveproject@spokanecity.org