Below is a list of Public Works priority Street projects for 2015. Following this memo is a spreadsheet detailing the estimated costs for each project and maps for each project. The Planning Estimates below show roughly how some of the estimates and calculations were made. The Project Details section highlights and provides details on drainage, sidewalks and issues that are specific to a street. The Public Works Staff will be present at the meeting to provide additional information. It is staff’s recommendation that all paving/drainage and road work be contracted. The highlighted numbers are referenced on the maps and in the spreadsheet.

A priority list for the chip seal roads will be presented at the meeting.

**Planning Estimates**

**Demo of Existing Surface:**
- Chip Seal = $12/LF;
- Asphalt = $18/LF  Will recycle in Infra-Red Machine

**Drainage:**
- HDPE Pipe Placed = $100/Linear Foot
- New catchment = $3000;
- Invert of existing catchment = $1000

**Base Course Prep:**
- Road
  - $24,400/1000 LF (4 in. D1);
  - Planning price includes
    - Placement of D1 4”X 30 feet X1000 feet
    - Expansion of 10%

- Parking Area
  - $1.60/sq. ft.
  - Planning price includes
    - Removal of current fill
    - Placement of D1 4”X 30 feet X1000 feet
    - Expansion of 10%

- Sidewalks
  - $125.00/LF—
Planning price includes
- 5 foot Curb and 2 foot gutter

**Engineering/Surveying**
Planning price 12% of total project

**Project Details**

**Harbor Loop Road 1400 Feet - Total Cost of Project $361,715**

- Drainage
  - 2 new Catchments
  - 12 invert of Existing Catchments

- Sidewalks
  - Curb 5 feet and Gutter 2 feet Sidewalk would begin East at Baja Taco lot (connecting to proposed sidewalk coming off of Railroad Ave) and end at West end of City Parking Lot. Entrances to City owned lots will be asphalt sidewalks to avoid additional maintenance cost and caused by trucks and heavy equipment accessing lots.

**Nicholoff Way Total price of Project $228,975**

- Drainage
  - Invert 3 Existing Catchments

**Nicholoff Road from Yield Sign to end of Napa Lot 400 Feet $24**

- Drainage
  - Invert 3 Existing Catchments
  - 300 Feet of Piping

**North Side Nicholoff - Parking Area on Harbor Side 22,800 SF $2b**

- Drainage
  - Invert 3 Existing Catchments
  - 300 Feet of Piping

**South Side Nicholoff - Parking Area 5,590 SF $2c - Cost**

- Drainage
  - Invert 1 Existing Catchments
  - 50 Feet of Piping

**Railroad Avenue 1100 Feet (Highway to 100 feet past Water Street) Total price of Project $321,798**

- Drainage
  - 6 New Catchments
  - 3 Invert of Existing Catchments
  - 400 Feet of Pipe

- Railroad Sidewalks
  - 5 Foot curb and 2 foot gutter sidewalks from Railroad to Nicholoff
  - Re-alignment of lower road to accommodate private property
  - Move Fire Hydrant

- Area at behind boat haul out
  - Remove and improve walking area along fence at Baja Taco
  - Build and Install Cover Stairs to connect Railroad and Harbor Loop
- Asphalt Sidewalks/Walkways Intersection of water Street to Council 3d
  Remove and improve current shoulder

  **Second Street 1000 Feet (Council to Adams) $381,360**

  - **Drainage 4a**
    - 12 New Catchments
    - 2 Invert to Existing Catchments
    - 1200 Feet of Pipe

  - **2nd Street Parking Council to Browning 8000 square feet 4b**
    - Drainage addressed above

  - **2nd Street Sidewalks**
    - 300 feet of repair – council to Browning 4d
    - New sidewalks in front of Elementary to driveway 4c

- **Adams Avenue 970 Feet (Main Street to Fifth Street) $196,560**

  - **Drainage 5a**
    - 5 New Catchments
    - 2 Invert of Existing Catchments
    - 270 Feet of Pipe

  - Asphalt Sidewalk/walkway from intersection of Adams and Second to alley behind Library 5b
  - Parking Area North side of Adams from corner of Second to end of Grade school 5c

- **Chase Avenue 800 Feet (Ingress to LeFever) $145,790**

  - **Drainage 6a**
    - 2 New Catchments
    - 1 Invert of existing Catchments
    - 100 Feet of Pipe

  - **Sidewalk 6b**
    - Repair 250 feet from intersection of Lefevre and Chase

- **Breakwater 1100 Feet $174,317**

  - **Drainage 7a**
    - 4 New Catchments
    - 11 Invert of existing Catchments
    - 300 Feet of pipe
    - Exclude sparking and does not repair sluffing area

- **Breakwater 150 Feet Rip Rap Replacement $224,000**

2015 Roads Priority List
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o Replace Rip rap and stabilize bank extending 100PWSSC dock (see Map) where road is sluffing into Harbor.

**Breakwater Realignment 1100 Feet $260,736**

- Drainage – 7e
  o 8 New Catchments
  o 11 invert of existing Catchments
  o 400 Feet of pipe
- Realignment f Road to the North approximately 5 to 10 feet
  o Currently ROW is used as parking for business and Harbor
  o Include additional 150,000 for fill on corner of Railroad and Breakwater
  o 30,000 for moving Harbor restrooms
  o Does not include fixing sluffing area

Below is a list of roads that are currently paved and are in order of priority.

Remaining 700 feet of Nicholoff
Railroad avenue from approximately Water street to Breakwater
Council Railroad to third street
Browning – Main street to Second Street
Second Street Adams to Copper River Highway
Mt Eccles parking area above snow dump

Subdivision projects drainage and chip seal:

Forest Heights
Lake View
Whiskey Ridge
Saddle Point