



Using Construction Opportunities to Increase Green Infrastructure

Alaska Department of Environmental Conservation
Division of Water
Non-point Source Section
Cindy Gilder



Division of Water

Mission Statement:

- Improve and protect water quality

How?

- Establishes standards for water cleanliness
- Regulates discharges to waters and wetlands
- **Provides financial assistance for water and wastewater facility construction and waterbody assessment and remediation**
- Trains, certifies, and assists water and wastewater system operators
- Monitors and reports on water quality



Green Infrastructure Guide Project

Started with a grant from Department of Natural Resources with money from the American Recovery and Reinvestment Act (ARRA)

Original grant recipients:

- City of Fairbanks
- Cold Climate Housing Research Center
- Fairbanks Soil & Water Conservation District
- GW Scientific

Guidebook produced:

<http://www.fairbanksgig.com/benefits/>

Fairbanks Green Infrastructure Group



Convened in 2011 to continue work on GI projects:

- **City of Fairbanks**
- Fairbanks North Star Borough
- Departments of Natural Resources, Environmental Conservation, **Transportation**
- Tanana Valley Watershed Association
- Fairbanks Soil and Water Conservation District
- US Fish and Wildlife Service
- US Environmental Protection Agency
- Cold Climate Housing Research Center
- Corvus Design, Bettisworth North, ERM
- Festival Fairbanks



Complete Streets Construction

- Cushman Existing Condition (3 lanes)
- Design Concept (2 lanes, wider sidewalks, trees)





Green Design Complete Streets

Green Infrastructure Enhancements for Downtown Fairbanks

Wednesday, August 27th - Meeting Agenda:

1. Project Overview of Cushman Complete Streets Construction 2015
2. Quality of Life (beautiful community) + Quality of Water (clean river)
3. Sidewalk & Storefront Enhancements Opportunities
4. Projects Awards: Customized design and installation

Schedule of Activities:

Info Meeting (August 27) • Consultations (Sept/Oct 2014) •
Project Selection (Spring 2014) • Awards & Installation (July/August 2015)

Brought to you by:



Green Design Complete Streets

Green Infrastructure Enhancements for Downtown Fairbanks

Save the Date! Wednesday, August 27th!

You are invited to learn about funding opportunities for Green Infrastructure projects to be awarded in conjunction with the City of Fairbanks' 2015 Cushman Complete Street construction plans. Here's your chance to learn about enhancing the aesthetic appeal of your business while improving our watershed.



Seating is limited!
Please RSVP
Lissa.tvwa@gmail.com
indicate your preferred meeting time.

Presentations will be the same each time held at multiple times to accommodate diverse schedules:

8:00am - 9:00am • Noon - 1:00pm • OR • 5:30pm - 6:30pm

Lathrop Building (4th Floor) @ Rain to River Center conference room

516 2nd Avenue, Suite 413

www.TVWatershed.org • 907-374-8890

Process

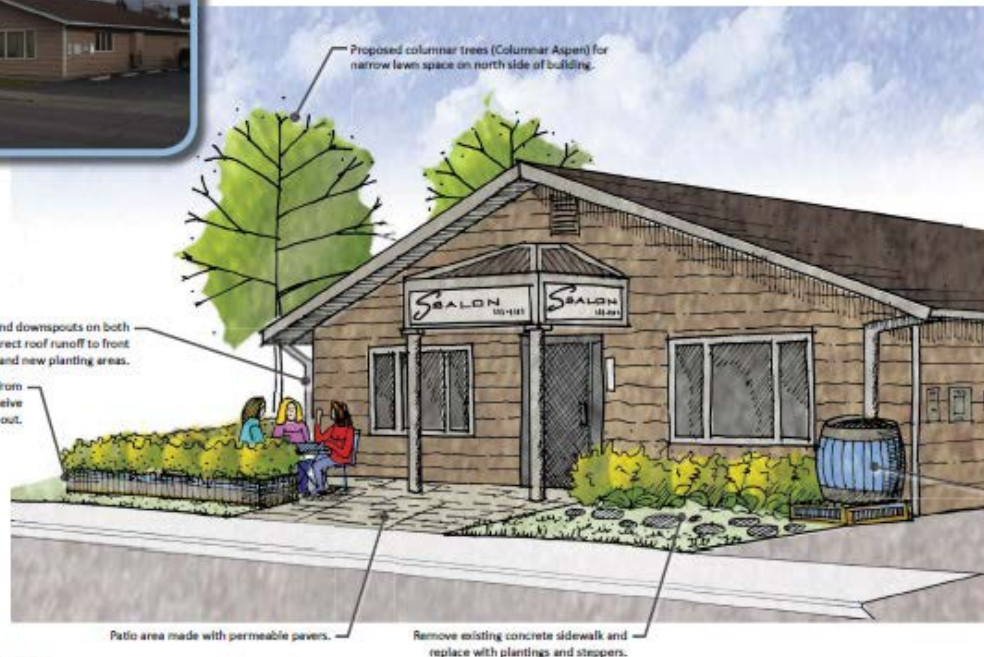
- Working with the City of Fairbanks – dig up more of the property than necessary
- Get the word out – public relations campaign
- Knock on doors (\$ from DEC)
 - McCaffertys
 - S Salon
 - Sadlers
 - FNSB Bus Depot
 - Alaska Distillery
 - Big I Lounge
 - Children's Museum
 - Madden Real Estate
- Find out what people know
- Offer help – design and construction

Current status: Under construction





Proposed Outcomes



Notes:
This shows design intent only, exact dimensions and details to be developed in the field.

Complete Streets - 2014-12-22 draft

S Salon - Proposed Design Ideas





Proposed Outcome



Complete Streets - 2014-12-22 draft

Madden Real Estate Site



4



Next steps

- Money from ADEC and US Fish and Wildlife
- Local environmental organization and City support - Tanana Valley Watershed partnered with City of Fairbanks
- Actual construction

Suggestions?

The Division of Water is always interested in improving our process!

Mat-su a leader in providing guidance

Leadership in implementing in public building

How we incorporate GI into the road projects?



Questions?
Thank you for your time!

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