

Street Improvements in the Historic Downtowns of: **Duvall & Snoqualmie**



Introductions



www.kpg.com

27 year old Municipal Design Firm

- Landscape Architecture and Urban Design
- Engineering: Civil, Storm, Utilities, Traffic
- Transportation Planning
- Architecture
- Survey
- Construction Management
- Aviation

Goals

Connections and Placemaking



Create connections between past & present.

Express history in a contemporary way.

Enhance identity, friendliness & livability.

Provide safe, functional & maintainable projects.

Nature

Nature - Snoqualmie Valley





Marysville

Everett

Snohomish

Pilchuck

Snohomish

Monroe

Sultan

Sultan

Gold Bar

Spada Lake

North Fork

Skykomish

Rapid

Duvall

Tolt

Beckler

Carnation

North Fork

Foss

Seattle

Fall City

Snoqualmie

Middle Fork

North Bend

Riverbend

South Fork

Pratt

Nature - Urban Growth Boundaries



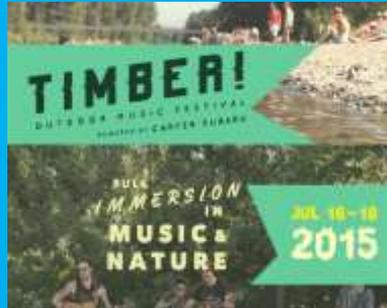
Nature – Valley Living



Today – Valley Living



Today – Valley Living



Nature – Valley Living



- Elk Herd ~500 living in the valley at Meadowbrook Farm

History

History - Snoqualmie Valley



- First settlers - Snoqualmie Tribe
- 1850's Searching for coal
- 1850's Settled
- 1870's Logging
- 1880's Hops grown
- 1900's Dairy farms
- 1903 Snoqualmie incorporation
- 1913 Duvall incorporation
- 1968 Piano Drop
- 2009 Duvall Main Street improvements
- 2010 Snoqualmie Phase 1 Town Ctr Improvements

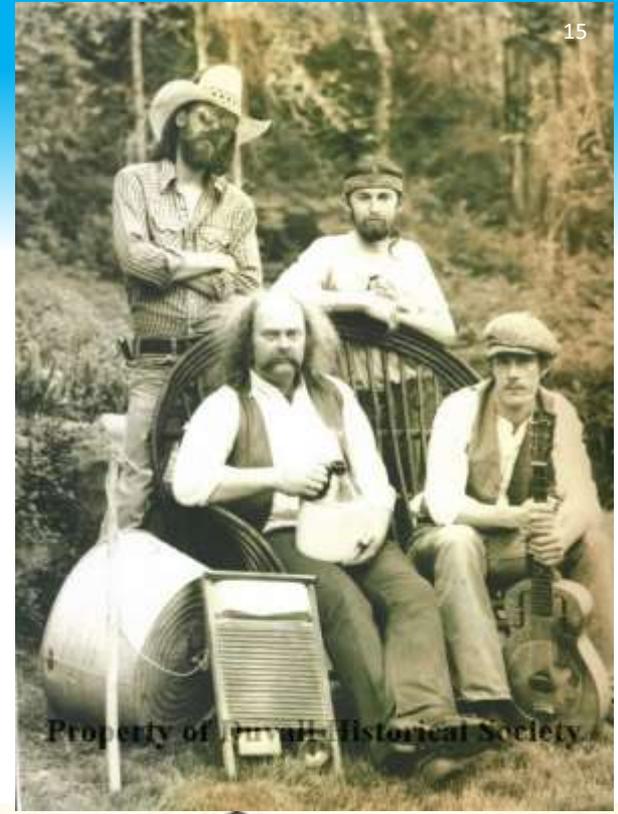


History - Duvall

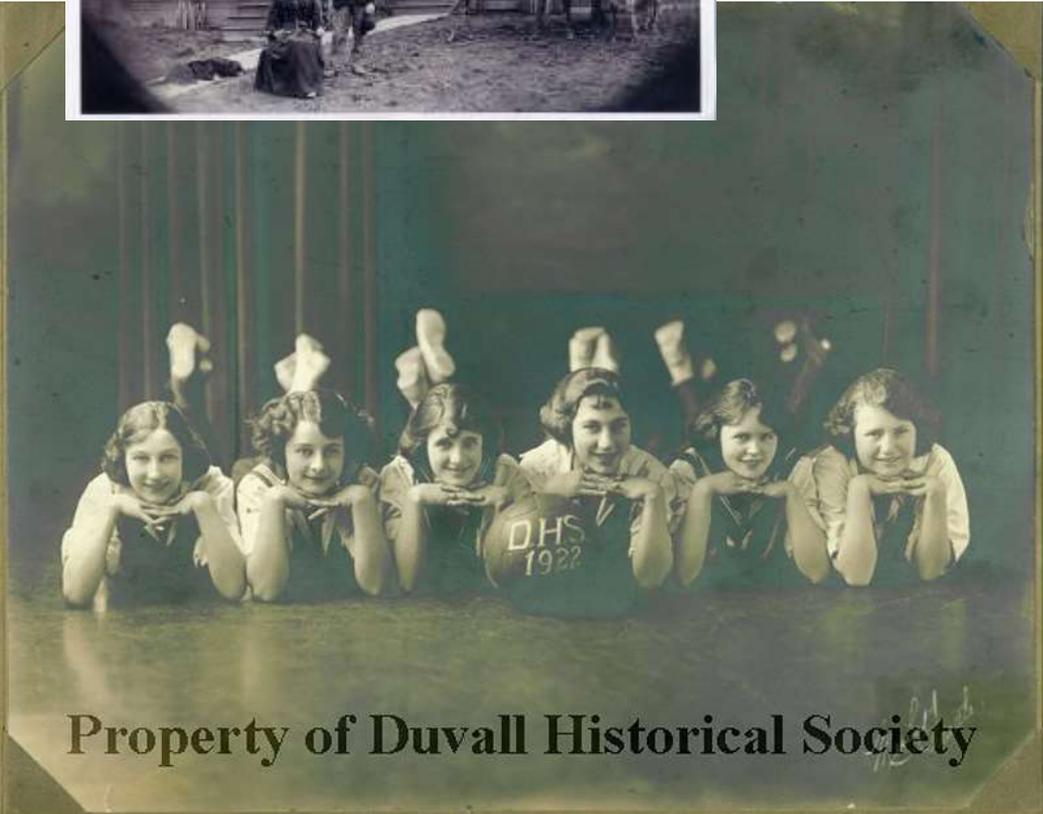


Small Town. Real Life.

Hippies!



Property of Duvall Historical Society

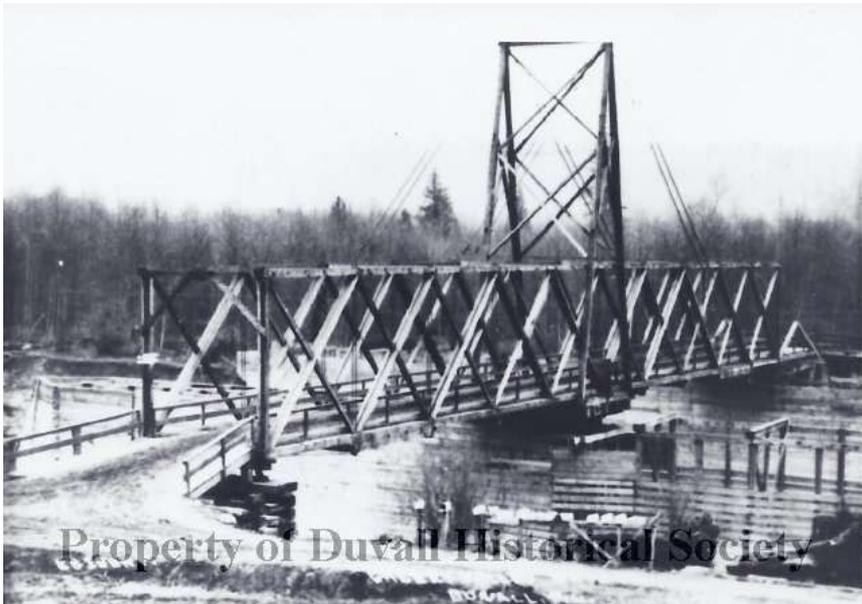


Property of Duvall Historical Society

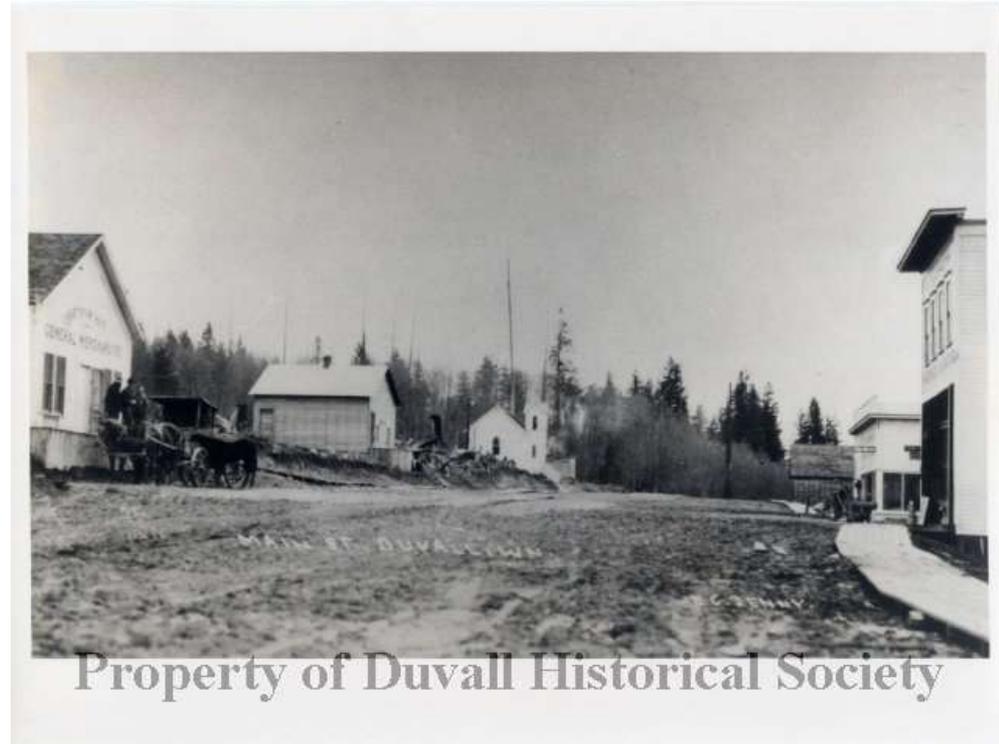


Duvall Brass Band

History - Duvall

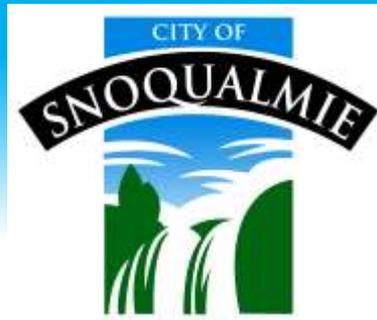


Property of Duvall Historical Society



Property of Duvall Historical Society

History - Snoqualmie



1890
Depot was built



1899
Power Plant one was built



National Register of Historic Places in 1992 as a Traditional Cultural Property for its association with the beliefs of the Snoqualmie people

Yesterday
Today
Tomorrow

History is about:

Facts:

- Dates
- Events

Translation:

- Passed on Stories
- Lessons Learned
- Perspective

Today:

- What we live with

We Create NEW HISTORY!

Street Project Issues

Project issues facing both projects

- Traffic Calming
- State Route/WSDOT coordination/design variances for sight distance/lane alignment/corner clearance.
- Pedestrian and Bicycle Facilities: Crosswalks
- Utility Undergrounding: Franchise utilities/vaults/costs
- Consensus for Placemaking/Theme
- Funding

Design Questions & Principles

- *Create a “real” or “faux” historical streetscape?*
- Type of street?
 - Retail Main Street (support businesses)
 - Don't compete with buildings and storefronts
 - Respond to today
 - Use the Main Street Approach
- Fundamentally a placemaking revitalization project
 - Residents look for meaning
 - Authenticity - What makes it “real”?



It's about the river!

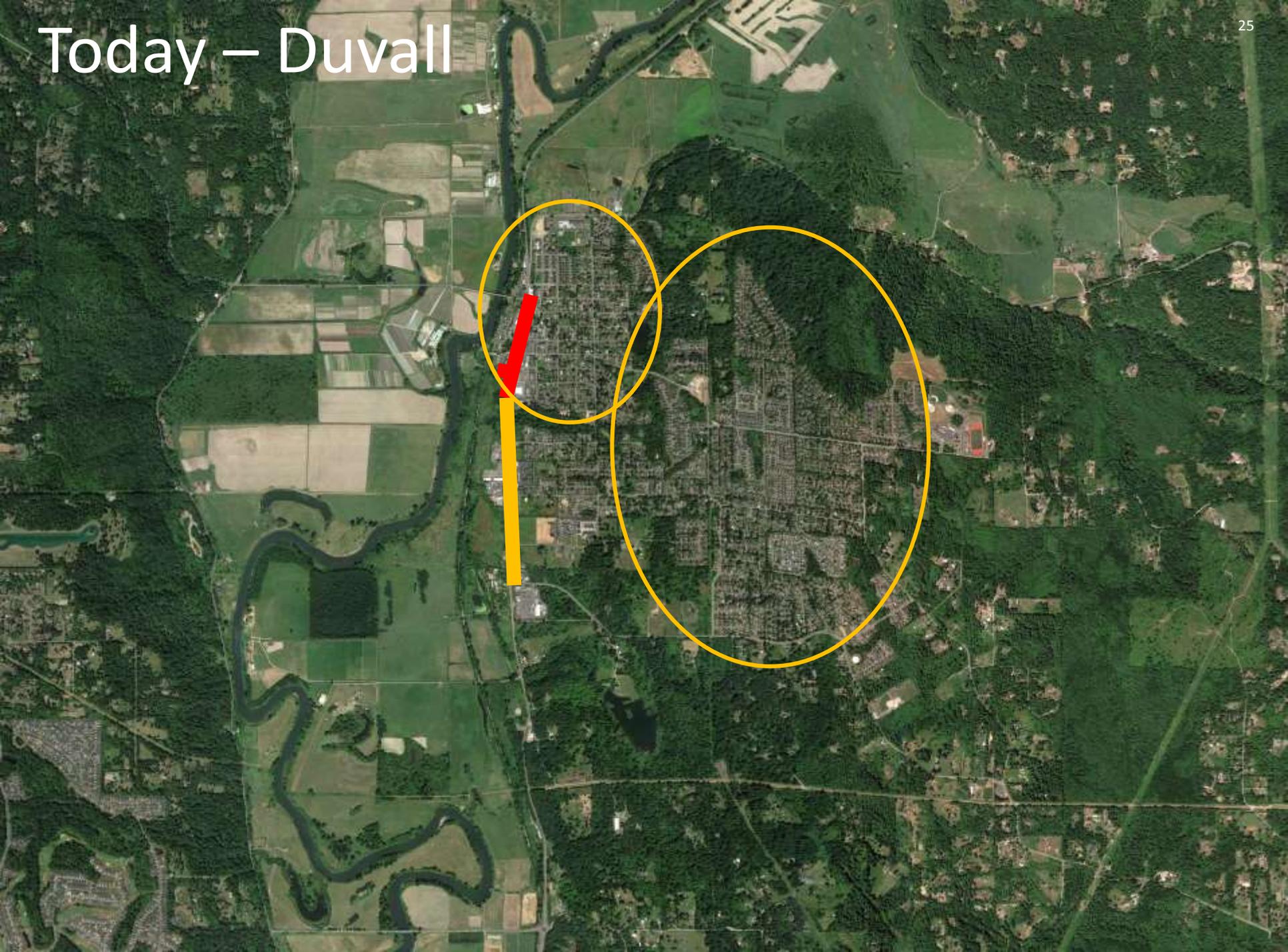
Residents in the Valley connect with the River

Historic Duvall

Today – Duvall



Today – Duvall



Main Street – SR 203 c.2005



Main Street – SR 203 c.2005



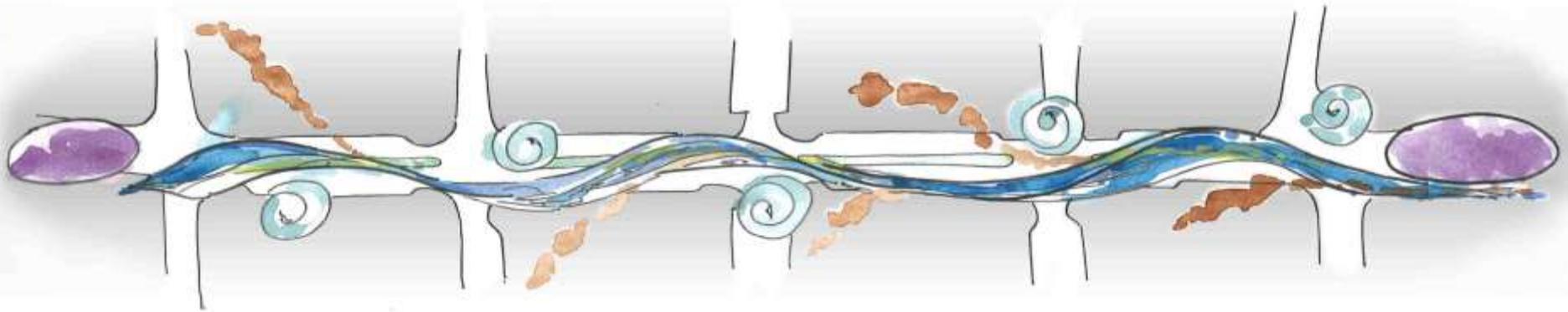
Main Street – Project Issues



- Parade Route/
Median
- State Route/WSDOT
- Crosswalks
- Utility
Undergrounding
- Funding

Main Street – Theme

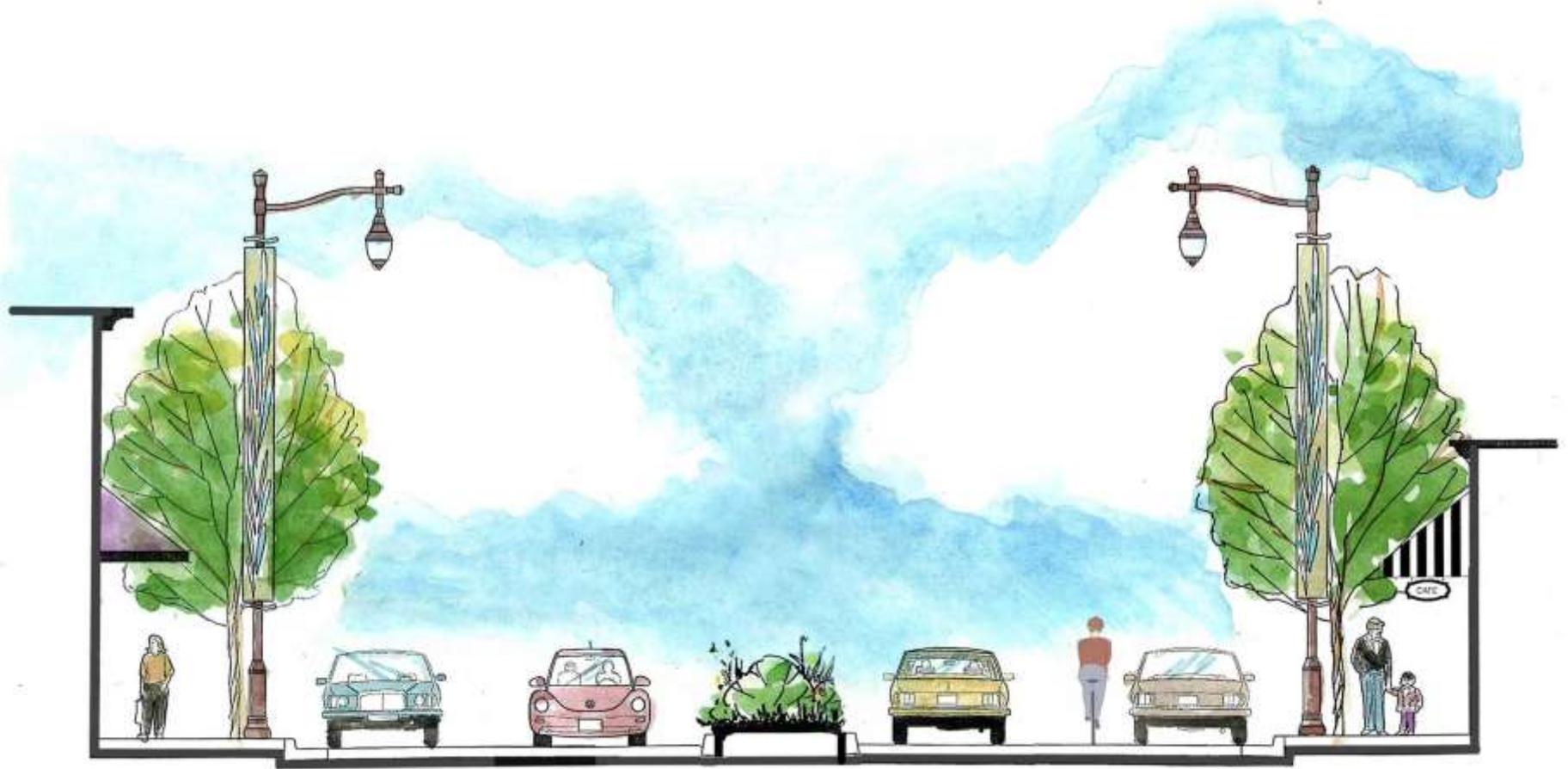
Citizen Advisory Group wants a River theme!



How to lay it out?



Main Street – Cross Section



Main Street – c.2010



Main Street – c. 2010



Main Street – c. 2010



Main Street – c. 2010



Main Street - Streetscape



Main Street – Layers of Art

Local Expressions

Gateway/Signs

Wood Banners (totems)

Mural Art on Retaining Wall

Back Benches & Trellis

Metal Plaque

Information Kiosk

Main Street – Local Expressions



Main Street - Gateways



Main Street – Wood Banners (totems)



Main Street – Wood Banners (totems)



Main Street – Wood Banners (totems)



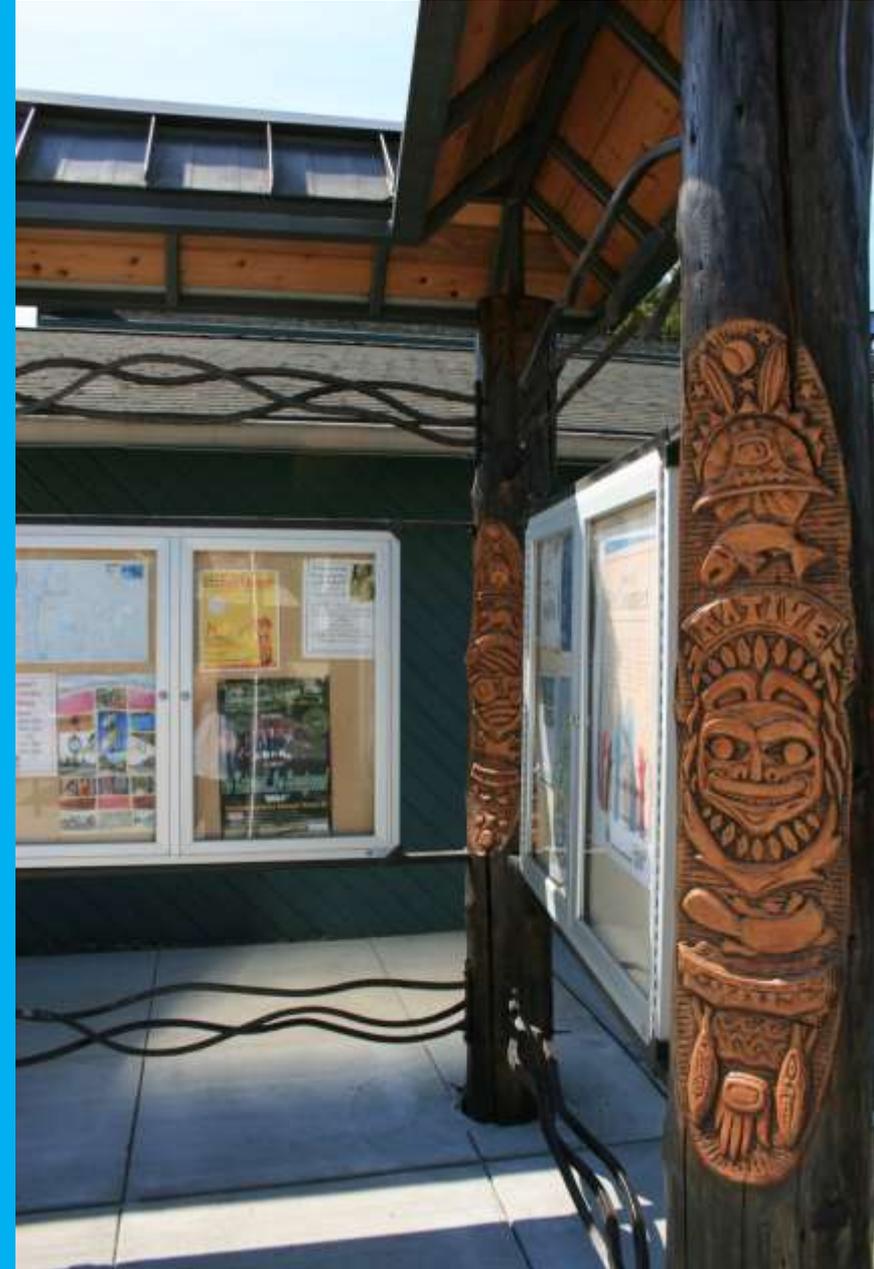
Main Street – Mural



Main Street – Benches and Trellis



Main Street – Plaques and Trellis



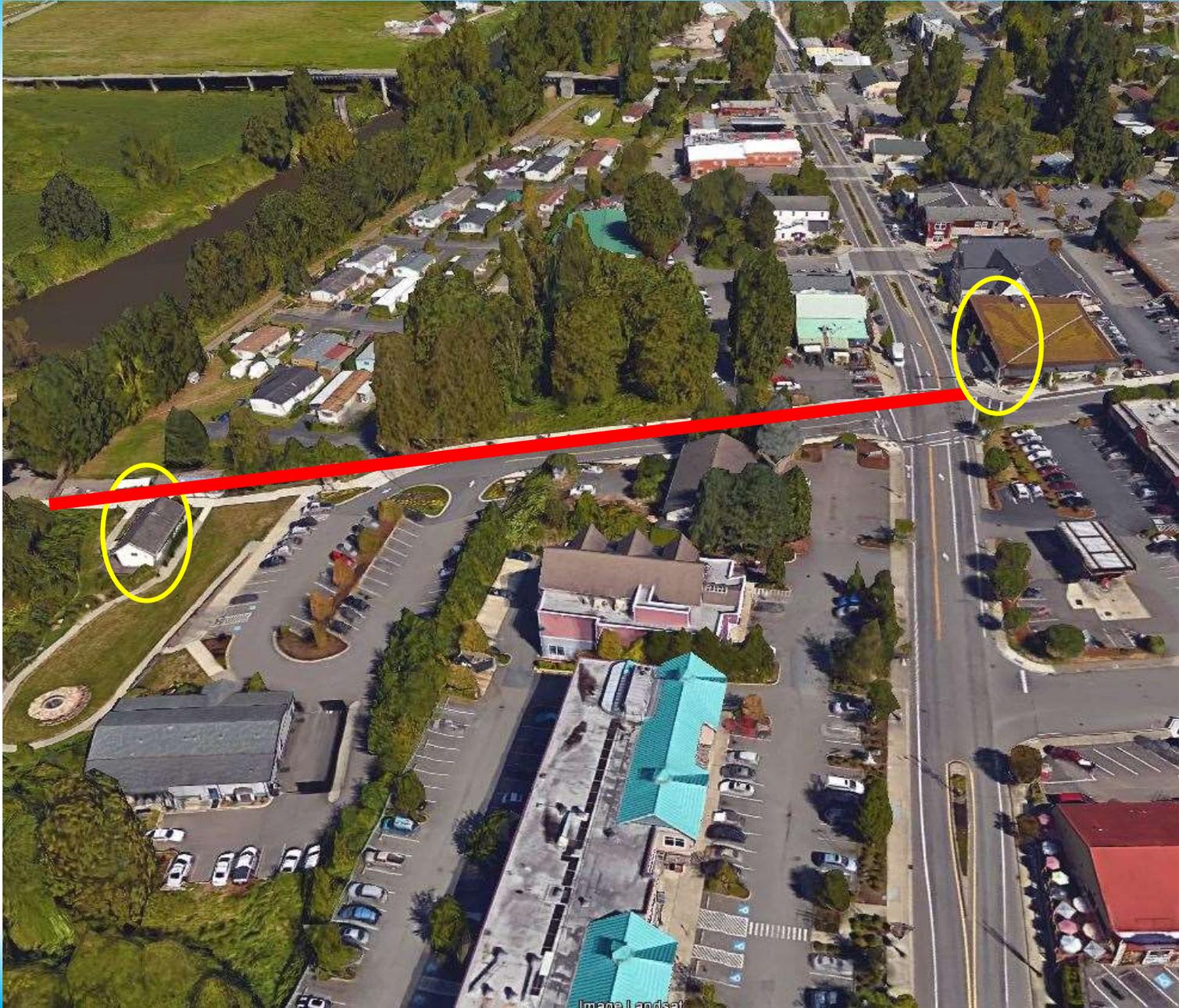
Main Street - Celebration!



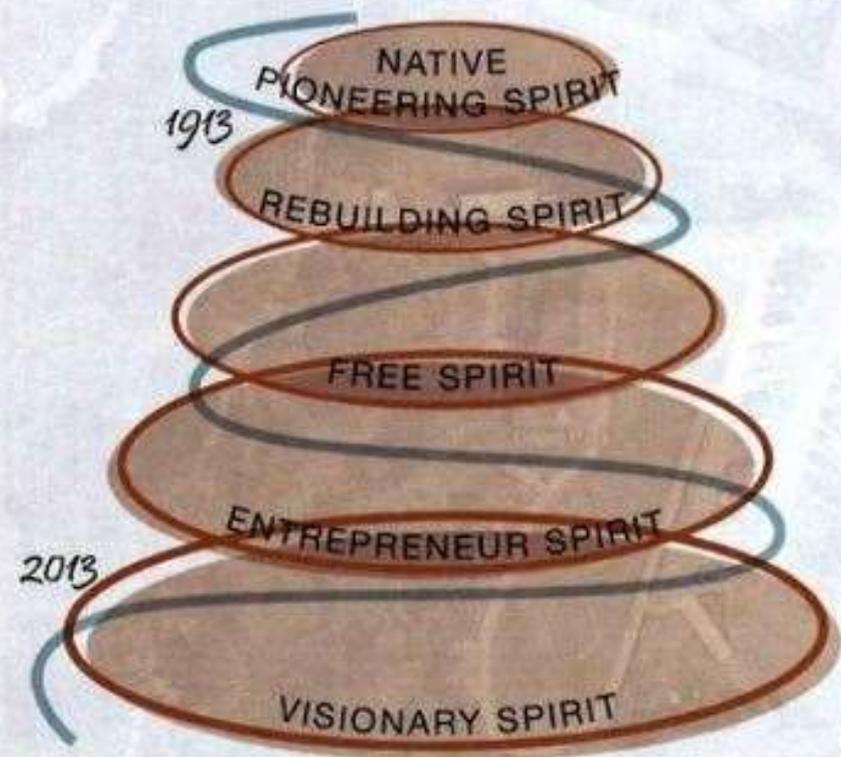
Centennial Project



Centennial Project



Weaving a narrative...



Swing Bridge "...steamboat Loma whistles and makes the last boat trip through the town cranked swing bridge..."

WWII "...zero temperatures with 80mph winds, snow and ice skating on the river...Duvall 3rd bridge built and sidewalks for 4 blocks on both sides of Main Street..."

Piano Drop "...helicopter drops a piano from the sky while thousands gather to observe the musical strategic bombing..."

Microsoft "...Cedarcrest High School opens, McCormick Park developed, first traffic light and wave of new people on hill..."

Future "..."

...that creates a cultural tapestry

The Concept:



Centennial Project – Gateway



Centennial Gateway – Valley & Nature



Centennial – Public Art



Centennial Promenade – Passage



Centennial – History



Creating Expectation... to Destination!



Connections and Celebration!

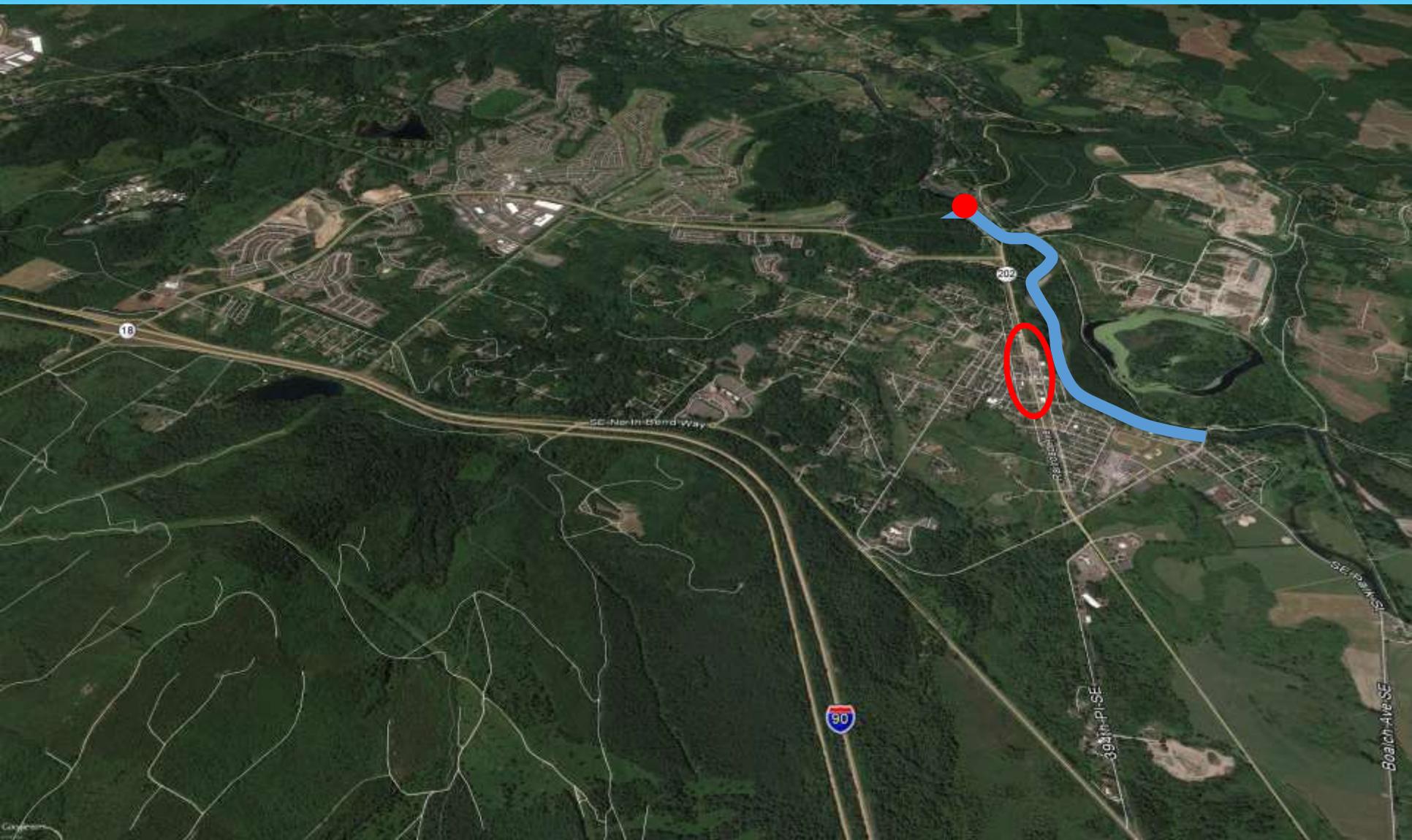


SANDBLAST



Historic Snoqualmie

Today – Snoqualmie



Today – Snoqualmie



Snoqualmie Ridge

Snoqualmie Falls

Dirtfish Rally



Historic Downtown Snoqualmie

Snoqualmie Casino

Railroad Avenue – SR 202 c.2005











Phase 4

SE Newton St

Phase 1

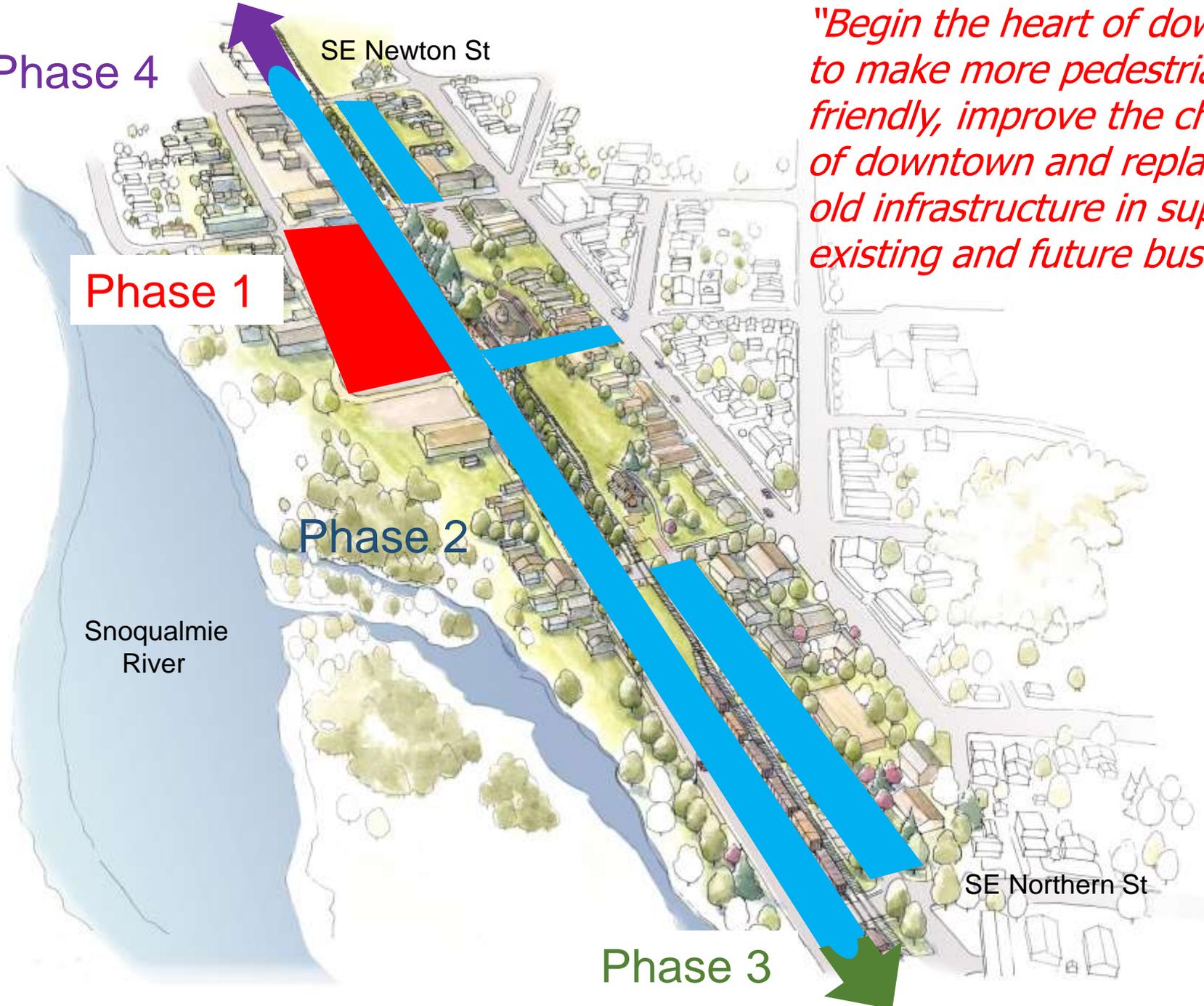
Phase 2

Snoqualmie River

SE Northern St

Phase 3

"Begin the heart of downtown to make more pedestrian-friendly, improve the character of downtown and replace old infrastructure in support of existing and future businesses."



Railroad Avenue – SR 202 Project Issues

- Utility Undergrouding (transformers)
- State Route/WSDOT – angle parking
- Crosswalks
- Legacy Tree Preservation
- Ped facilities/Bike Facilities
- Northwest Railway Museum (NRM)
- EDA grant project must be completed



Design Themes:

Snoqualmie River and Falls

Historic Downtown

Railroad

Natural Setting

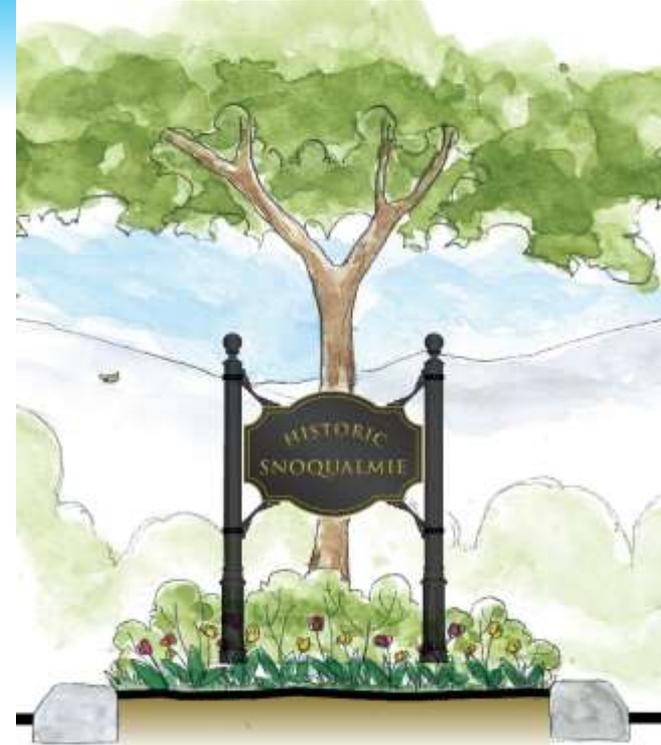
Other Inspiration: City Hall



Concepts – Phase 1



Concepts – Phase 2



Concepts



Today - Town Center Phase 1



Today - Town Center Phase 1



Today - Town Center Phase 1



Today - Town Center Phase 1







SE River St
Railroad Ave

MC Property Services

JKD

WELCOME TO SNOWDALE

TUNAP

10

TO

Railroad Avenue Phase 2 – c.2014



Northwest Railway Museum



NOTICE
THIS IS PRIVATE PROPERTY
TRESPASSERS ARE WARNED TO
KEEP OFF
MISSOURI CENTRAL RAILROAD

NO TRESPASSING

ON RAILROAD PROPERTY



Railroad Avenue – c.2014





SNOQUALMIE LANDMARK FEATURE

Bandmill Wheel

This 11-foot diameter wheel was one of two that supported the 65-foot bandsaw blade of the Weyerhaeuser's Snoqualmie Falls sawmill head rig. The head rig itself was three stories high and made the initial cut in huge Douglas Fir logs. It was installed in 1917, when the Mill began operation, and was retired 1964, during which time it had cut more than 2.5 billion board feet of wood, or enough lumber logs to build 275,000 homes.

The retired machinery was Weyerhaeuser's last 11-foot rig in sawmill production, and was one of the last of its large size still operating in the nation. After it was replaced by a similar, but smaller, head rig, it was donated to the Snoqualmie Valley Historical Society by the Weyerhaeuser Company in September, 1967, on occasion of the Mills 50th anniversary (1917-1967).



SNOQUALMIE LANDMARK FEATURE

Story Pole

Carved in 1936 during the Great Depression, this story pole was created by Hugh H. Hinds - a Fall City resident, craftsman and Engineer in Seattle. The Story pole was commissioned by George Foster Kelley, a Valley pioneer of 1898, who raised the costs for crafting and maintaining it. The Story Pole was repainted in the 1990's by totem carver and Native American Gregory Thomas, of the Nlaka'pamux or Nlaka'pamuk or Thompson River Salish. Although Hinds was a non-native carver and did not leave a written history on the creatures he carved, it is believed the Story Pole depicts a Thunderbird on top who creates thunder from the flap of his wings, providing both power and protection. The subsequent depictions may be of a wolf representing loyalty, and a Beaver

SNOQUALMIE LANDMARK TREES

Common Name: Western Red Cedar

Botanical Name: *Thuja Plicata*

Known as "The Tree of Life" by indigenous peoples of this area, the Western red cedar was used to make clothes, baskets, structures, bentwood boxes, tool handles, medicines and even dugout canoes, a tradition that continues today amongst the Snoqualmie Tribe. In the old-growth forests that once covered this area, there were cedars 20+ feet in diameter and over 200 feet tall. It is believed that one or more of these legacy trees are visible as saplings in the photo of Mt. Si taken from the depot turret circa 1910.



SNOQUALMIE LANDMARK TREES

Common Name: Blue Atlas Cedar

Botanical Name: *Cedrus Atlantica Var. Glauca*

The Blue Atlas Cedar originates from the mountains of Morocco and Algeria in North Africa. It is closely related to the Cedar of Lebanon (*Cedrus libani*). These cedars are mentioned extensively in ancient texts such as the Epic of Gilgamesh (written 4,700 years ago) and the Bible. In its native range the Blue Atlas can grow to over 120 feet high and 40 feet wide, though in cultivation it usually grows to only half this size. These two Blue Atlas Cedars are some of the finest specimens in the area. Despite their large size, they are approximately 100 years old.



Legacy Tree and Boardwalk Construction





PARKING

2-17
PAY AREA

Kiosk



30' wide mid-block crosswalk



Railroad Avenue – c.2014



Details

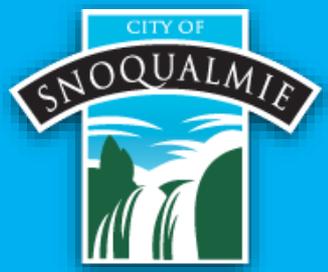
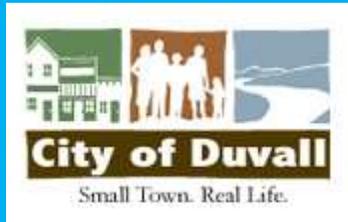


Artifacts



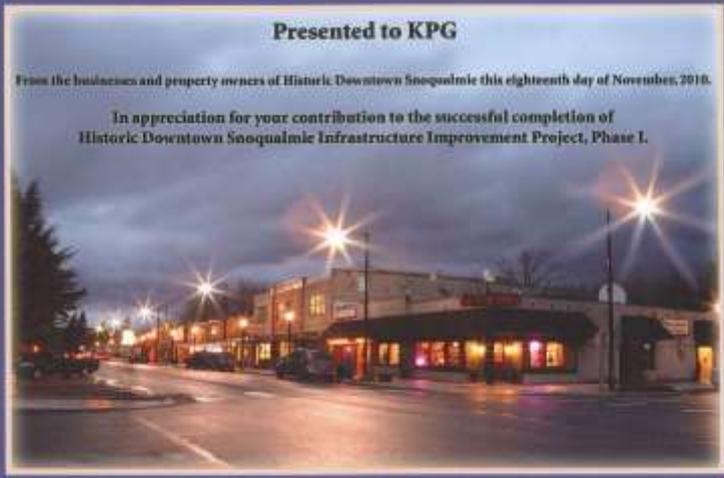
Public Art





The City of Duvall would like to thank KPG for their dedication to the Main Street Reconstruction Project.
 Completion Date: July 2009

"The lights are much brighter here, you can forget all your troubles, forget all your cares! Downtown where everything's waiting for you!"



Presented to KPG
 From the businesses and property owners of Historic Downtown Snoqualmie this eighteenth day of November, 2018.
 In appreciation for your contribution to the successful completion of
 Historic Downtown Snoqualmie Infrastructure Improvement Project, Phase I.

Goals: Connections and Placemaking

Create connections between past & present.

Express history in a contemporary way.

Enhance identity, friendliness & livability.

Provide safe, functional & maintainable projects.



History meets Nature

Questions?

