

MAP LEGEND

- Proposed Channel Alignment
- ==== Existing Channel Alignment
- ==== Existing Channel - to remain

Alternative One

Relocate the stream channel for the entire length between 30th Street and 24th Street.

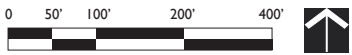
Advantages:

1. Provides largest gain in habitat value and floodplain function.
2. Reduces erosion of private properties along Cowgill Avenue.

Disadvantages:

1. It does not utilize existing positive channel features, topography, vegetation, or the trail footbridge except for the overflow channel.
2. A new trail bridge would need to be built. The existing footbridge was built by volunteers and donated funds and is well-built, fairly new, aesthetic, and eminently functional.
3. It increases overall construction costs of the project.





MAP LEGEND

- Proposed Channel Alignment
- ==== Existing Channel Alignment
- Existing Channel - to remain

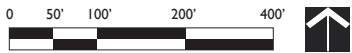
Alternative Two

1. Relocates the Padden Creek channel well onto park land along the upstream, eastern end, away from the back yards of the houses along Cowgill Avenue.
2. Rejoins the existing channel upstream of the existing footbridge and stays in the existing channel to just below the Connelly Creek confluence.
3. Relocates the channel out onto park land again and away from the back yards of the houses in the mobile home park.

Advantages:

1. Utilizes the best existing habitat which is located in the middle reach.
2. Incorporates the existing footbridge.
3. Avoids all of the residential areas.





MAP LEGEND

- Proposed Channel Alignment
- ==== Existing Channel Alignment
- Existing Channel - to remain

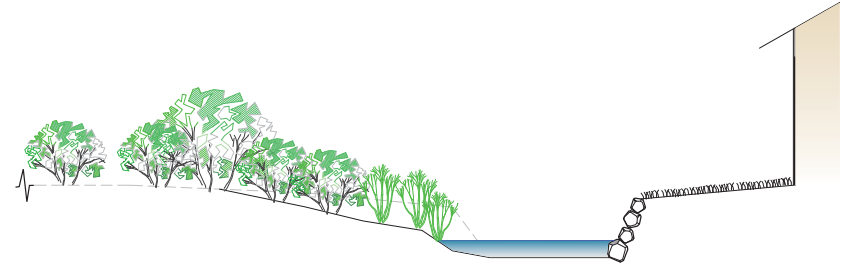
Alternative Three

1. Utilizes the existing channel from the culvert outfall from beneath Old Fairhaven Parkway near 30th Street, past the back yards of the houses along Cowgill Avenue, beneath the existing footbridge, and to the Connelly Creek confluence. Provides in-stream improvements (logs, gravel, pool formation) and riparian improvements (wider flood plain, backwaters and side channels, revegetation) all along the way.
2. Relocates the Padden Creek channel well onto park land along the downstream, eastern end, away from the back yards of the houses in the mobile home park.

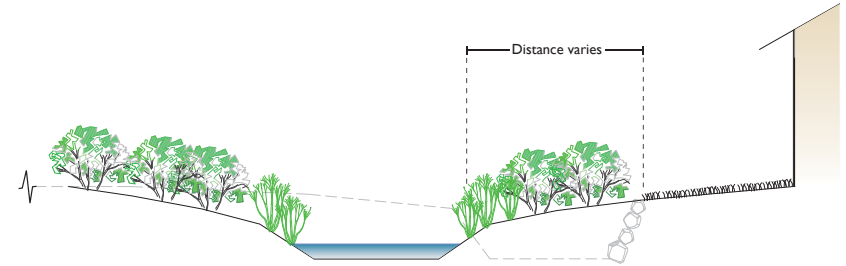




Typical created channel section showing widened riparian floodplain.



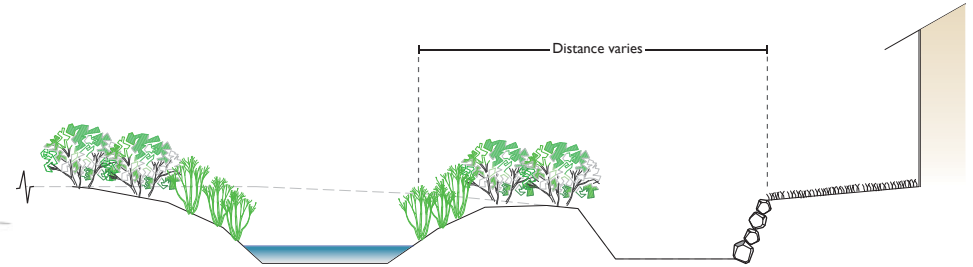
Existing channel: with softened enhanced bank to the south.



Created new channel*: with filled old channel, allowing extended back yard areas.



Typical existing to-be-retained channel section with additional vegetation and log structures, or created section where constraints preclude a wider floodplain.



Created new channel*: with existing old channel retained as a high flow bypass channel.

* Illustrations are *not to scale*. New channel sections may be farther from existing channel and yard areas than shown; see alternative plan views.

