

2020 Summer Road Maintenance/projects completed

Winter Maintenance:

- Applied 791 yards of traction E-chips to the service area
- Cold patched roads that where asphalt potholing was constant from the warm and wet winter
- Plowed and stored snow
- Steam thaw

Spring projects:

- Advanced pothole patching before spring grading of all dirt roads
- Spring street sweeping of all paved roads, week of April 26th
- Dust control, calcium chloride application all dirt roads, started May1st. Applied 62,400 lbs. of Calcium chloride.
- Vac-truck all storm water system intakes and catch basins
- Removed Junk cars for the Fire Department
- Brushing of bike paths and roadways shoulders
- Crack sealed 7,111 linear feet of asphalt roads
- Remove abandon cars around town

Fall Projects:

- Sweep streets
- Clean up leaves and clean out storm intakes
- Grade and compact all roads before freeze
- Brought in 200 Tons winter sanding chips. Winter 2019/20 required little sanding because of ideal conditions.
- Removed excavation pile of unusable to material to residents for landscaping fill

Airport Side:

Arlberg

- Repaved several sections of road that was failing or potholing. Strength should in several areas.
- Grade and compact shoulders to maintain drainage
- Crackseal
- Brushed shoulder and Pedestrian pathway
- Cleanout all Catch basins
- Replaced culvert and reshaped ditchline at 316 Arlberg

Alpine Meadows

- Reshape ditchline at 1030 Alpine Meadows
- New Ditchline and culvert at 1057 Alpine Meadows

Brighton

- Deepen Ditch before the culvert at 273 Brighton
- Reshaped ditch line on Brighton to Chrystal Mountain

Donner

- New Cross Culvert from 314 to 297 Donner
- Ditching along Donner

Toas

- Resurfaced several driveways with new rap to protect drainage culverts

Alpine Meadows

- Repair lumpy Asphalt at intersection with Alyeska Highway

Verbier Way

- Clean out B-hive
- Fix Rocks on the downhill that have slide into the ditch
- Shoulder pathway with RAP
- Brush shoulders

Olympic Mountain Loop

- Clean out Catch-Basins
- Re-shoulder Curbs
- Pave asphalt section on walkway
- Clean off winter sand
- Cleanout all catch basins

Deb's Way Trailhead

- Finish Path Improvements
- Set new boulders to prevent vehicle accessing the trail

Timberline side:

Alyeska View

- New Fish Passage 60" cross-culvert for Tanaka creek at 378 Alyeska view
- Rock arming of the culverts on Tanaka creek.
- Back fill added to Alyeska Daylodge culvert to improve fish passage
- Recycled Asphalt added to Alyeska View from the Highway to Loveland to improve the grade and drainage along road. As well, decrease the potholing
- Brushing

Alpine Meadows

- Culvert replacement and improved drainage at 360 Alpine Meadows to the cross culvert to Stowe Drive

Alpina

- Recycled Asphalt added to the entire road to harden the surface and improve the grade for drainage

Timberline

- Ditch and replace culverts from 377 to 469 Timberline
- Ditching in front of 856 Timberline
- Recycled Asphalt added to Timberline to harden surface and improve drainage

- Repair shoulder and ditch damage left by GCI repair from 801 to 875 Timberline. GCI reimbursed the Service area for the work performed.
- Ditching and culvert replacement from 810 to 856 Timberline

Echo

- Ditch in spring/stormwater runoff from AWWU pump house

Tanner

- Ditch Northside of Tanner road
- Restore Pedestrian Pathway
- Brush entire road
- Install new culvert at 239 Tanner under pathway

Vail

- Recycled Asphalt applied from 326 to 462 to provide better protection of drainage and harden roads to reduce potholing
- Ditch cleaning and new culverts installed from 232 to 352 Vail Drive

Garmish

- Clean out Ditch line from spring rainstorm

Townsquare

Girdwood Park and Tennis court parking lot area

- Improve drainage
- Improve parking surface

Girdwood place

- Asphalt repair
- Repair manhole to provide better protection against being hit by the plow

Catchbasin

- Clean out all catch basins

Alyeska Highway Pedestrian Pathway

- Biking and Walking only stencils applied to intersections

Mine Roads

Jewel Mine Road

- Reshaped and replaced all culverts from Jewel and Sproat intersection to 148 Jewel
- Brushing along Jewel

Ruane Road

- Armor the California Creek culverts to strength shoulder of road where Asphalt was breaking off.

Old Town Roads

Main Street

- Recycled Asphalt applied to entire street to provide better protection of drainage and harden roads to reduce potholing
- Asphalt repair near Tesoro

Gold Avenue

- Recycled Asphalt applied to entire street to provide better protection of drainage and harden roads to reduce potholing

Capital Projects

- Pedestrian Flasher system at Egloff/Hightower and Alyeska was completed and put into a one year Warranty period. State of Alaska is providing reimbursement for the project.

Road Maintenance Yard

2020 Project and Beyond

- Electric to Bull rail
- Lights installed
- Build fence
- Continue stockpile of RAP and high-quality road material as it becomes available
- Crush pile of Bone rock to make useable gravel
- Shelter for sand storage
- Shelter for equipment
- Warm storage to replace City Hall

Material order for 2020

- Recycled Asphalt
- Calcium Chloride
- E-chips
- Culverts
- Cement structures
- Rip Rap Boulders
- Road Fabric

Pictures of few projects completed in 2020.



Ped pathway stencils



Improved drainage on Timberline



Example of rotting metal culvert



New HPDI Culvert being installed for longer life



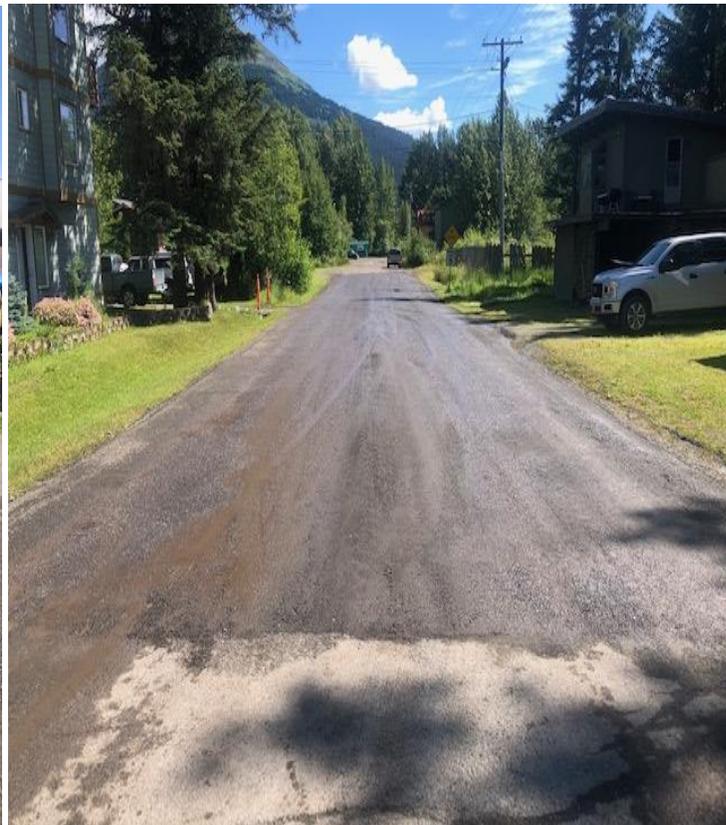
Installing new culvert and drainage on Vail



Asphalt repair on Main Street near Tesoro



Applying Recycled Asphalt Pavement (RAP) on Main Street



New RAP after fully graded and compacted



Installing a new culvert using a vacuum truck to avoid hitting utilities



Alyeska View Avenue: Fish protection practices



Installing new culvert to fish passage standards



Alyeska View installing new fish passage culvert



Alyeska View: Final product



Fall flooding event on Loveland



Armoring bank and road shoulder of California Creek at Ruane



Examples of Abandoned vehicles we had towed and impounded