

2021 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
- ☐ Remove abandon cars around town

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.
- ☐ Remove abandon cars around town
- ☐ Had the roads restriped by the MOA traffic department
- ☐ Summer grading of dirt roads as needed

Fall Projects:

- ☐ Sweep streets
- ☐ Clean up leaves and clean out storm intakes
- ☐ Grade and compact all roads before freeze
- ☐ Brought in 1000 Tons winter sanding chips.
- ☐ Brushed Arlberg, Verbier, town square roads, Olympic mountain loop

Major Capital projects:

Arlberg

- ☐ Grinded up and repave Arlberg from Day lodge to North Face road intersection, including improving all approaches to side connecting roads
- ☐ Replace three cross culverts
- ☐ Improved ditching
- ☐ Installed new signage
- ☐ Installed new Guardrail
- ☐ Installed in-laid road striping to reduce wear from snow removal

Halloween Weekend Storm Damage:

Ruane:

- ☐ Responded to wash out of Ruane Road at California Creek
- ☐ Removal two existing culverts and damage debris
- ☐ Created a temporary access to AWWU treatment plant to keep vital maintenance on schedule
- ☐ Installed two new 60" x 80's round culverts while protecting the gas and sewer
- ☐ Rebuilt toe slope on both sides of the road and culvert
- ☐ Rebuilt road subsurface structure
- ☐ Had the road reopened in 14 days.

Echo Ridge:

- ☐ Responded to wash out of Echo Ridge from plugged culverts and drainage ditches
- ☐ Road was rebuilt
- ☐ Drainage ditches rebuilt and armored
- ☐ New Culverts installed

- ☐ Road reopened to public use in 5 days

Loveland:

- ☐ Responded to wash out of Loveland road from plugged culvert that caused the road to wash out and fill up ditches
- ☐ Road was rebuilt
- ☐ Ditch lines rebuilt and armored
- ☐ New fish culvert was installed at 154 Loveland
- ☐ Road reopened to public use in 3 days

Chrystal mountain

- ☐ Responded to wash out of Chrystal Mountain road from plugged culvert that caused the road to wash out and fill up ditches.
- ☐ Road was rebuilt
- ☐ Ditch lines were cleaned out and culvert unplugged
- ☐ Road was never closed but maintained immediately to make access safe until longer fixes could be accomplished.

Arlberg 5k parking

- ☐ Responded to active erosion of the 5k parking lot and hammer head emergency turnaround from the stream that runs next to it
- ☐ Stream bed was dug out from storm sediment build
- ☐ Banks of stream was rebuilt with riprap

Road Maintenance Yard

2022 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 2022

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

Pictures of from different projects completed in 2021



New asphalt on Arlberg



New cross culvert on Arlberg



New Arlberg Ditch line



Paving Arlberg



Echo Ridge Damage



Ruane Damage



Loveland Damage



Echo Ridge new Armored Ditch and 24" culverts



Loveland New fish passage



One of two new culverts on Ruane



Late night operations to get new culvert in to access AWWU



New culverts installed on Ruane



Arlberg 5k parking lot stream cleaned out of storm debris and channel was rebuilt and armored.