



# ROAD DEPARTMENT REMOVING LOAD POSTINGS 2021-2022

February 24, 2022

# FAGAN BRIDGE

## Burton Fraser Road over Fagan Creek

- Built in 1965
  - 16-ft span length
  - Timber Deck on Timber Girders on Timber Piles
- Load Posted at 3 Tons on 10-20-21
  - No fire trucks, ambulances, school busses, etc.
- Short term repair – contracted
  - Designed to use County owned used concrete beams
  - Removed guardrail off the existing bridge.
  - Left the deck to provide rigidity to the existing structure.
  - Installed a new 40-ft bridge over the existing bridge.
  - Allowed 24-hour shut down
- Load Posting removed on 11-22-2021



# FAGAN BRIDGE LOAD RATED





# FAGAN BRIDGE CONSTRUCTION





# FAGAN BRIDGE REPAIRED



# YELLOW FIR BRIDGE

## Yellow Fir Road over the Tillamook River

- Built in 1965
  - 19-ft span length
  - Pan Deck on Timber Girders on Timber Piles
- Load Posted at 10 Tons on 10-20-2021
  - No school buses, trucks, etc.
- Short term repair - contracted
  - Banded a severely checked (cracked) pile.
  - Reduced width of road to move traffic off a bad girder.
- Load Posting removed on 11-18-2021



# YELLOW FIR BRIDGE REPAIRS



# MOSS CREEK BRIDGE

## Moss Creek Road over Moss Creek

- Built in 1965
  - 19-ft span length
  - Timber Girders on Timber Piles
- Load Posted at 10Tons on 10-20-2021
  - No school buses, trucks, etc.
- Short term repair - Contracted
  - Designed to use County owned used concrete beams
  - Removed guardrail and deck off the existing bridge.
  - Installed a new 52-ft bridge over the existing bridge.
  - Allowed 24-hour shut down
  - Day and night operation.
- Load Posting removed on 12-15-2021



# MOSS CREEK BRIDGE SITE PREP





# MOSS CREEK BRIDGE





# MOSS CREEK BRIDGE REPAIRED





## MINICH CREEK BRIDGE

### Miami Foley Road over Minich Creek

- Built in 1963
  - 19-ft span length
  - Timber Deck on Timber Girders on Timber Piles
  - Timber substructure repaired in 2014.
- Load Posted at 10Tons on 10-20-2021
  - No school buses, trucks, etc.
  - Closed one lane of traffic and added a steel plate to the other lane.
- Repair - Contracted
  - County owned beams did not fit due to road curves and driveways.
  - Removed guardrail and deck off the existing bridge.
  - Timber deck replaced after materials came out of the kiln.
  - Reused guardrails
  - Allowed 48-hour shut down due to the amount of work.
  - Day and night operations.
  - County paved the bridge and approaches while the contractor was finishing the project.
- Load Posting removed on 12-16-2021



# MINICH CREEK DECK REPLACEMENT





# MINICH CREEK BRIDGE NIGHT OPERATIONS





# LAGLER BRIDGE

## Barber Road over Acey Creek

- Built in 1965
  - 17-ft span length
  - Timber Deck on Timber Girders on Timber Piles
- Load Posted at 10Tons on 10-20-2021
  - No school buses, trucks, etc.
- Short term repair - County
  - Relocating the Road 250-ft to the north to avoid the need for a bridge was unacceptable.
  - Designed to use County owned flat racks on precast concrete foundations
  - Installed the new system between the guardrails of the existing bridge.
  - Installed in two days but opened the road during the night.
- Load Posting removed on 02-17-2022



# LAGLER BRIDGE LOAD RATED





# FLAT RACK BRIDGE





# INSTALLATION





# LAGLER BRIDGE REPAIRED



# MAKINSTER BRIDGE

Makinster Road over unnamed channel

- Built in 1968
  - 19-ft span length
  - Timber Deck on Timber Girders on Timber Piles
- Load Posted at 10Tons on 10-20-2021
  - No school buses, trucks, etc.
- Resolution - Contracted
  - Site visit to determine the size of bridge questioned why a bridge was needed.
  - Aerial photos identifies that the channel was filled after the bridge was originally built.
  - ODFW lists this as an historic fish passage.
  - The bridge was removed and replaced with a 24" culvert.
- Load Posting removed on 02-14-2022



# MAKINSTER BRIDGE





# MAKINSTER BRIDGE REPLACEMENT WITH A CULVERT

