



Marathon Pipe Line

TAPL Critical Infrastructure for Alaska



Kenai Refinery

- 1 of 13 refineries nation wide
- Operating since 1969
- 250 Alaskan Employees
- Use Alaska Crude to Produce quality fuel products that move Alaska
- Only producer of in state gasoline, jet fuel for TSIA, ULSD, Asphalt and more.

Core Values and Stakeholder Engagement



Our values guide the way we treat each other and all our stakeholders.



Safety & Environmental
Stewardship



Integrity



Inclusion



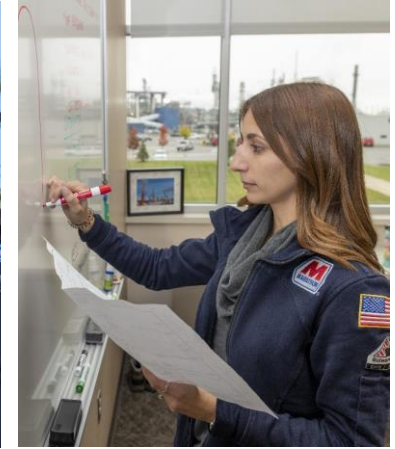
Collaboration



Excellence

Stakeholders

+Business Partners +Communities +Customers
+Government +Shareholders +Our People



Tesoro AK Pipeline (TAPL) AK Economic Artery



- Critical pipeline supplying fuel products that move Alaska for over 50 years
- Operates 7 days a week, 365 days a year
- Supplies Southcentral and the Interior with gasoline, diesel, and jet fuel
- Connects to the Ted Stevens Anchorage International Airport, the Don Young Port of Alaska terminals.
- Provides majority of fuel products for Southcentral residents and businesses
- Multiple valve sites along the line to isolate line for maintenance and safety

Protecting the Pipeline



- Our commitment to safely and responsibly operate our assets is critical to our business and to protecting the public and the environment
- We use multiple methods to assess the integrity and safety of our pipelines
 - **In-line inspections (ILI)** travel through pipelines, scanning and measuring a pipe's walls for signs of dents, corrosion or cracking. These inspections occur at regular intervals.
 - **Above-ground inspections** involve visually inspecting pipeline routes with air and/or ground patrols to detect land disturbances and pipeline spills.
 - **Waterway crossing inspections** use high-resolution sonar equipment to inspect underwater pipelines to determine whether erosion and water channel changes could impact the pipe.



Pipeline Preventive Maintenance



- We complete periodic inspection, testing and preventive maintenance on our pipelines to confirm they are of sound integrity and functioning properly
- When necessary, we may need to make repairs that could include:
 - Applying additional coating
 - Installing a sleeve over an existing section of pipe
 - Replacing a section with new pipe
- Regulatory deadlines to make repairs is determined based on the findings identified by the inspection report and confirmed during excavation



Pipeline Maintenance Considerations



- During inspections/repairs the area will be excavated for review
- Area under review is blocked off and access is restricted for safety and security reasons
- Dedicated observers and safety personnel will be onsite during the work
- A specialized contractor completes a thorough review of the pipeline and any issues are repaired
- Any third-party work within 50' of the pipeline requires dedicated representatives to observe the work, at a cost assumed by 3rd party



Engagement Timeline



2022

SEPTEMBER

Initial outreach by CRW regarding trail alignment

Project alternatives / focus on relocating pipeline

NOVEMBER

Multiple data requests and MPC provided data to team

10-month break in outreach

2023

SEPTEMBER

CRW reach out re: relocation estimate, and field locates

MPC TAPL relocation estimate provided to Project team

Assorted Meetings regarding pipeline field locates

2024

MAY

Elevations presented to MPC

JUNE

Internal proposed plan discussions

AUGUST

Provided formal letter of objection to ARRC as permit holder

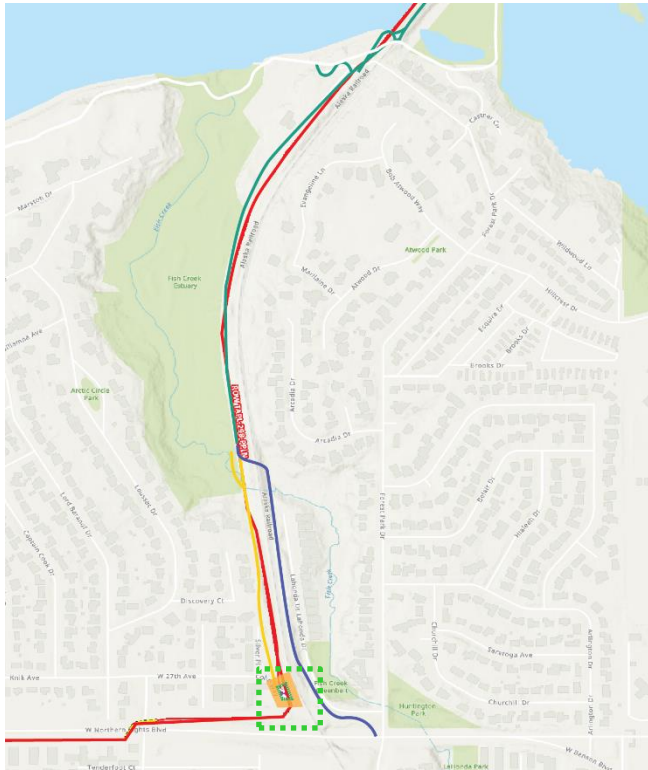
SEPTEMBER

Meeting to discuss concerns

OCTOBER







Unauthorized line locate ordered and subsequent meeting

TAPL and Fish Creek Trail S2b / N3a



- Supportive of bike trail connector in general
- S2b / N3a would be adjacent to above ground pipeline block valve (below)
- S2b / N3a would pave over large sections of pipeline
- Current 'preferred' alternative introduces safety and operational challenges
- Encourage alternative S3 pathway expanded review

Map Legend:

-  MPL TAPL Pipeline
-  S2 Trail Route
-  S3 Trail Route
-  N3 Trail Route
-  MPL valve site
-  50 feet around the valve site

TAPL and Fish Creek Trail S2b / N3a: Block Valve

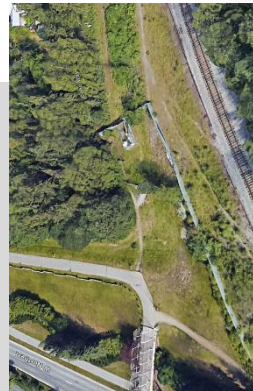


- Safety and Security
- Operation concerns
- Public displacement concerns
- Increased cost of operations

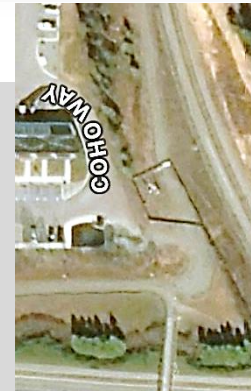


Block Valve Over Time

- Wooded and isolated area
- Located above and away from N.Lights
- New development increased exposure
- Trail access new level of risk / exposure



~ 45 yrs



~ 5 yrs



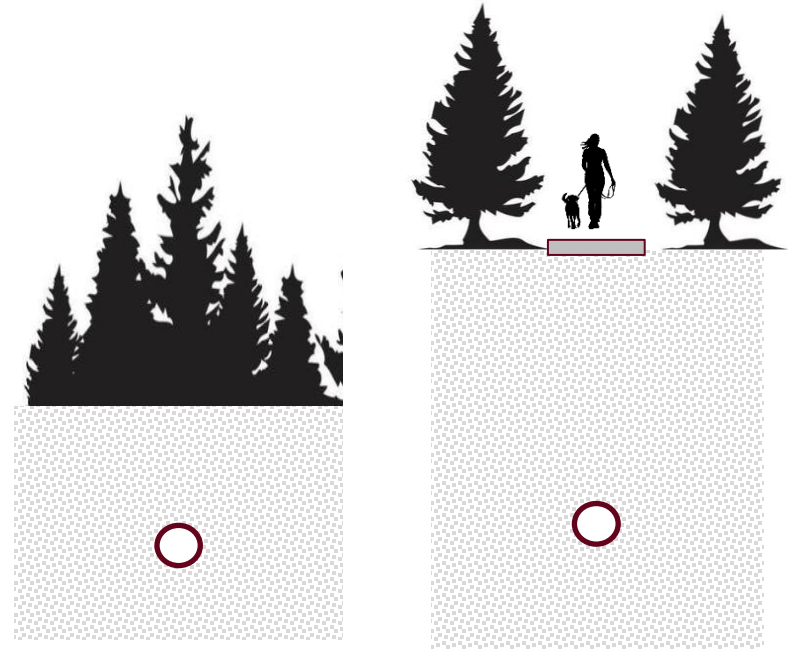
Future?

Trail over Pipeline

- Increased complexity
- Increased cost of operations
- Public displacement

+ 30-40%

Estimated cost increase



Existing

Trail over Line

Revisit revised S3 as alternative to S2b/N3a



- Review extending S3 where the trail continues down the east side of the berm to connected trail. Not under the railroad tracks.
- Adding the transition from current fish creek to LaHonda drive is relatively common in other recent construction projects (Dowling, Muldoon, etc.)
- Places trail as far away from railroad tracks, critical infrastructure and protects trail users
- Allows for more ARCC track expansion flexibility
- Limits safety and security issues

Final Thoughts



- The Tesoro Alaska Pipeline (TAPL) pipeline, is critical infrastructure providing fuel supply and fuel security for Southcentral and Interior Alaska
- Marathon has been an engaged partner providing time and materials to project team throughout the process
- Supportive of bike trail extension in general
- Legitimate safety, security and operational concerns with proposed S2b/N3a alternative
- Recommend expanded evaluation of S3 or alternative routes avoid proximity to pipeline / block valve
- Ready to work with project team and agencies to support a workable solution.

