Vicinity Map

PEL Study Area

Utqiagvik
Deadhorse
Kotzebue
Nome
Fairbanks
Tok
Bethel
Anchorage
Cordova
Kodiak

NBI 0206
MP 48
MP 47
MP 45
MP 44
MP 43
MP 42
MP 41
MP 39
MP 38
NBI 0345
NBI 0344
NBI 0342
NBI 0340
NBI 0339
MP 35
NBI 0336
MP 34
NBI 0334
MP 33
NBI 0333
MP 32
MP 31
MP 30
MP 29
MP 28
NBI 0331
NBI 1187
MP 25
MP 26
NBI 0332
MP 24

Copyright:© 2013 National Geographic Society, i-cubed

Legend

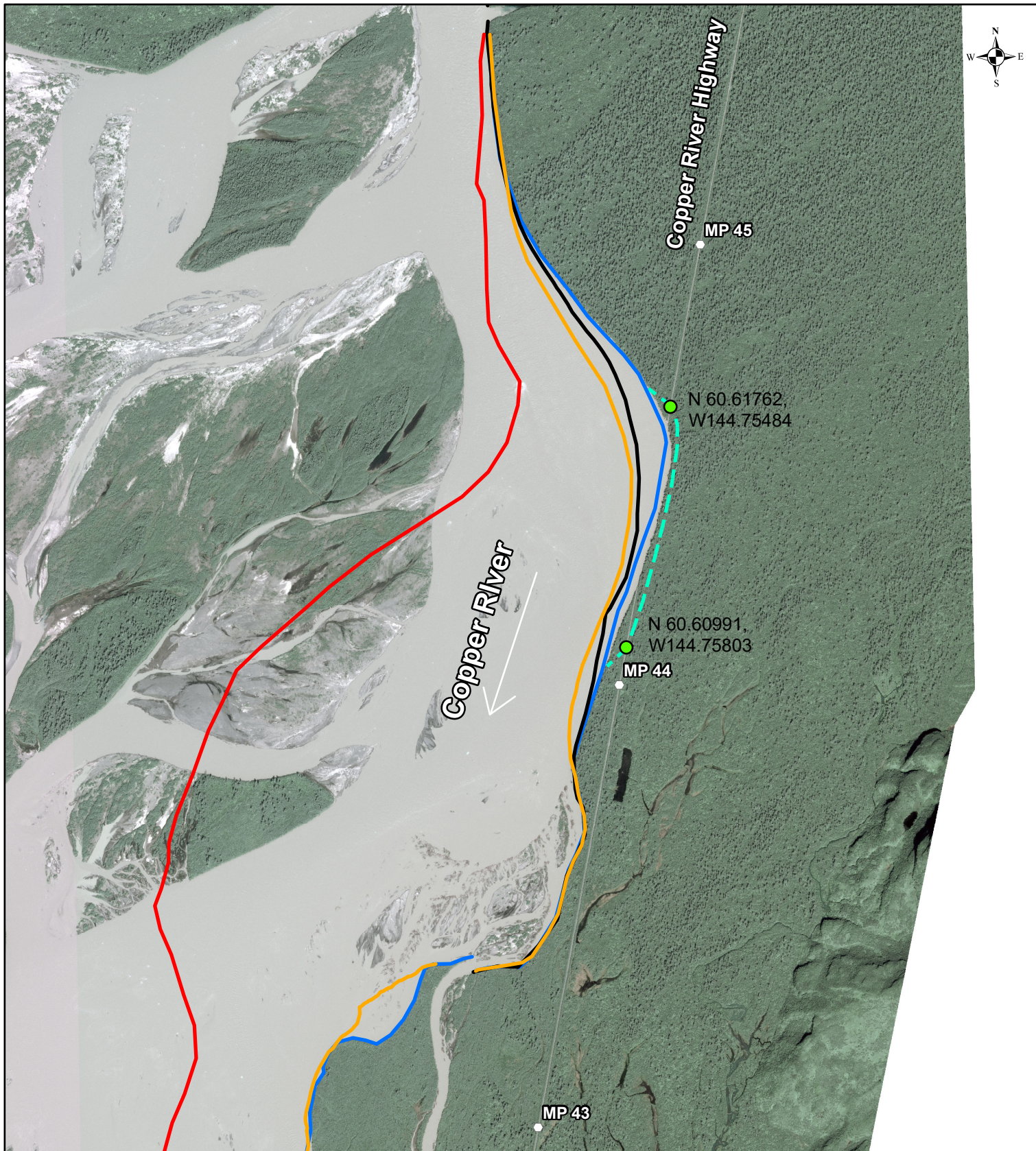▢ Alaska DOT&PF Bridges

▭ Copper River Delta CHA

▮ PEL Study Area

STATE OF ALASKA
Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709

**Copper River Highway
PEL Study Area**

0   1.25   2.5   5 Miles

DATE: November 2019 | FIGURE 1

Copper River Highway

MP 45

N 60.61762,
W144.75484

Copper River

N 60.60991,
W144.75803

MP 44

MP 43

Document Path: H:\Projects\CRH\NFHWY00414 CRH PEL\9 Drafting\CRH_coastline years.mxd

STATE OF ALASKA
Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709

Chronology of Channel Migration Near MP 43-MP 45
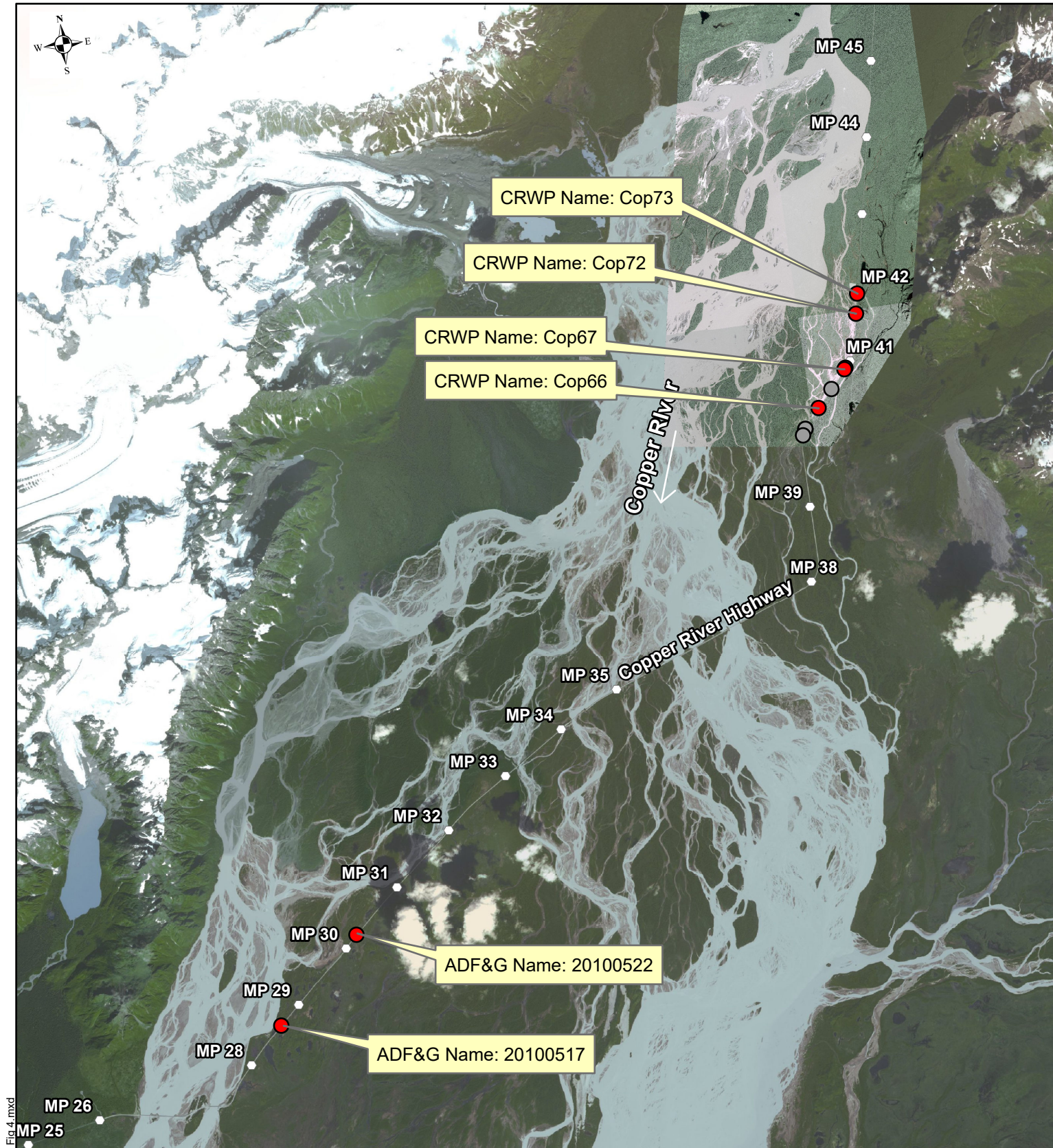
DATE: December 2019 | FIGURE 2

NOTE: Imagery acquired June 29, 2019

0 500 1,000   2,000 Feet

Legend

——— July 1982 River Edge

——— July 21, 2011 River Edge

——— September 30, 2016 River Edge

——— September 30, 2018 River Edge

- - - September 4, 2019 River Edge

Legend

- ▆ Alt 1 - Reestablish ROW
- — Alt 2 - Realign Road
- — Alt 3 - Realign Road
- — Alt 4 - Raise Grade of Road and Realign

0   0.5   1 Miles

Copper River

Copper River Highway

MP 45
MP 44
MP 43
MP 42
MP 41
MP 39
MP 38

STATE OF ALASKA
Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709

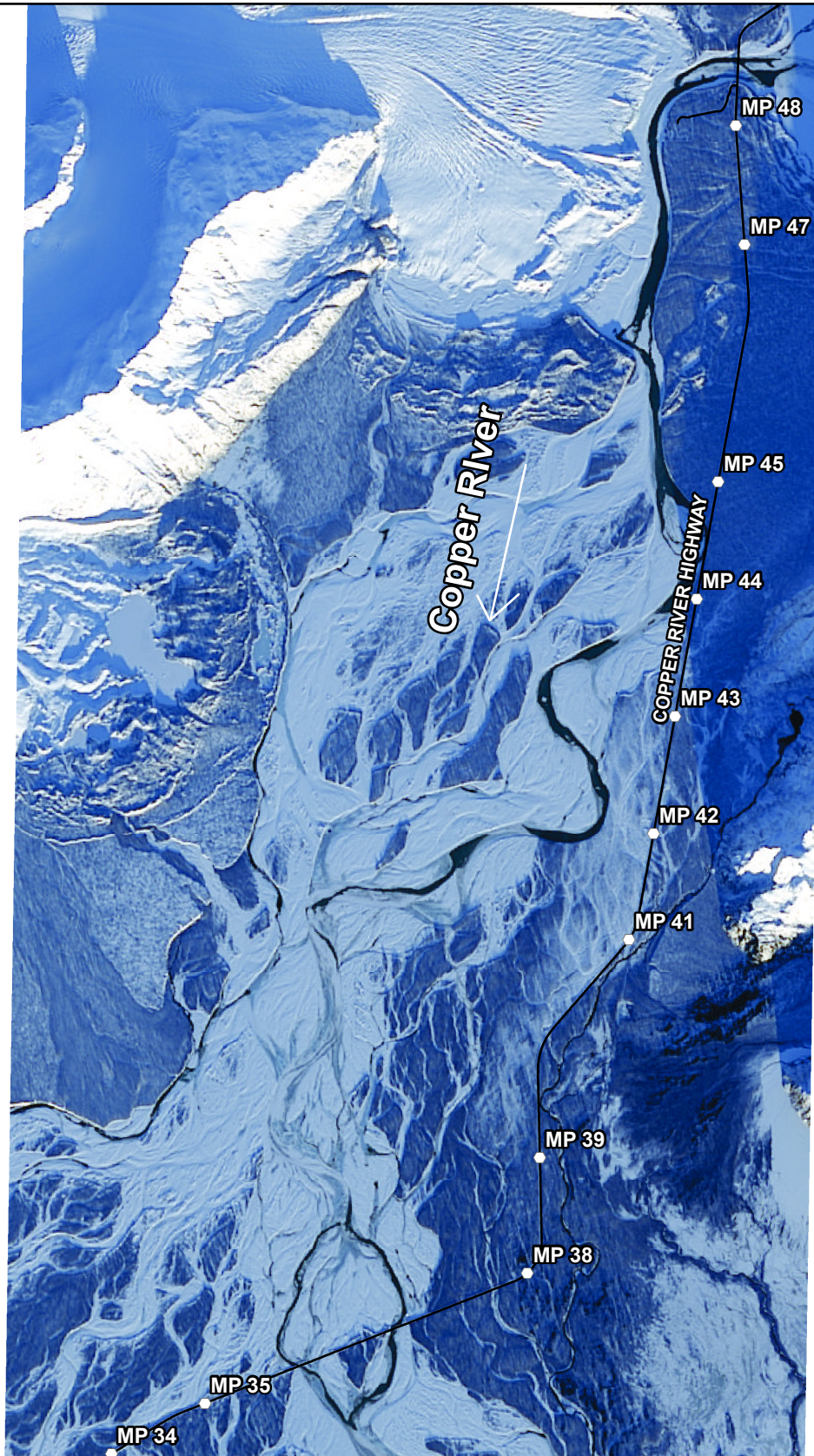**Preliminary Alternatives**

DATE: November 2019   FIGURE 3

Fish Passage Culverts

STATE OF ALASKA
Department of Transportation and Public Facilities
2301 Peger Road   Fairbanks, AK 99709

Fish Passage Culverts

DATE: December 2019   FIGURE 4

Legend

● Critical Culverts

● Culverts

CRWP Name: Cop73

CRWP Name: Cop72

CRWP Name: Cop67

CRWP Name: Cop66

ADF&G Name: 20100522

ADF&G Name: 20100517

MP 45
MP 44
MP 42
MP 41
MP 39
MP 38
MP 35
MP 34
MP 33
MP 32
MP 31
MP 30
MP 29
MP 28
MP 26
MP 25

Copper River

Copper River Highway

0   1   2 Miles

Document Path: C:\Users\Slmaybrien\Desktop\CRH Fig 4.mxd

Copper River

COPPER RIVER HIGHWAY

MP 48
MP 47
MP 45
MP 44
MP 43
MP 42
MP 41
MP 39
MP 38
MP 35
MP 34

NOTE: Imagery acquired January 6, 2019
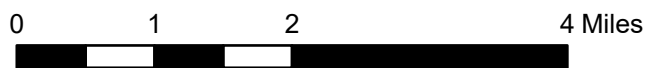
0   1   2   4 Miles

STATE OF ALASKA

Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709

**Open Water During
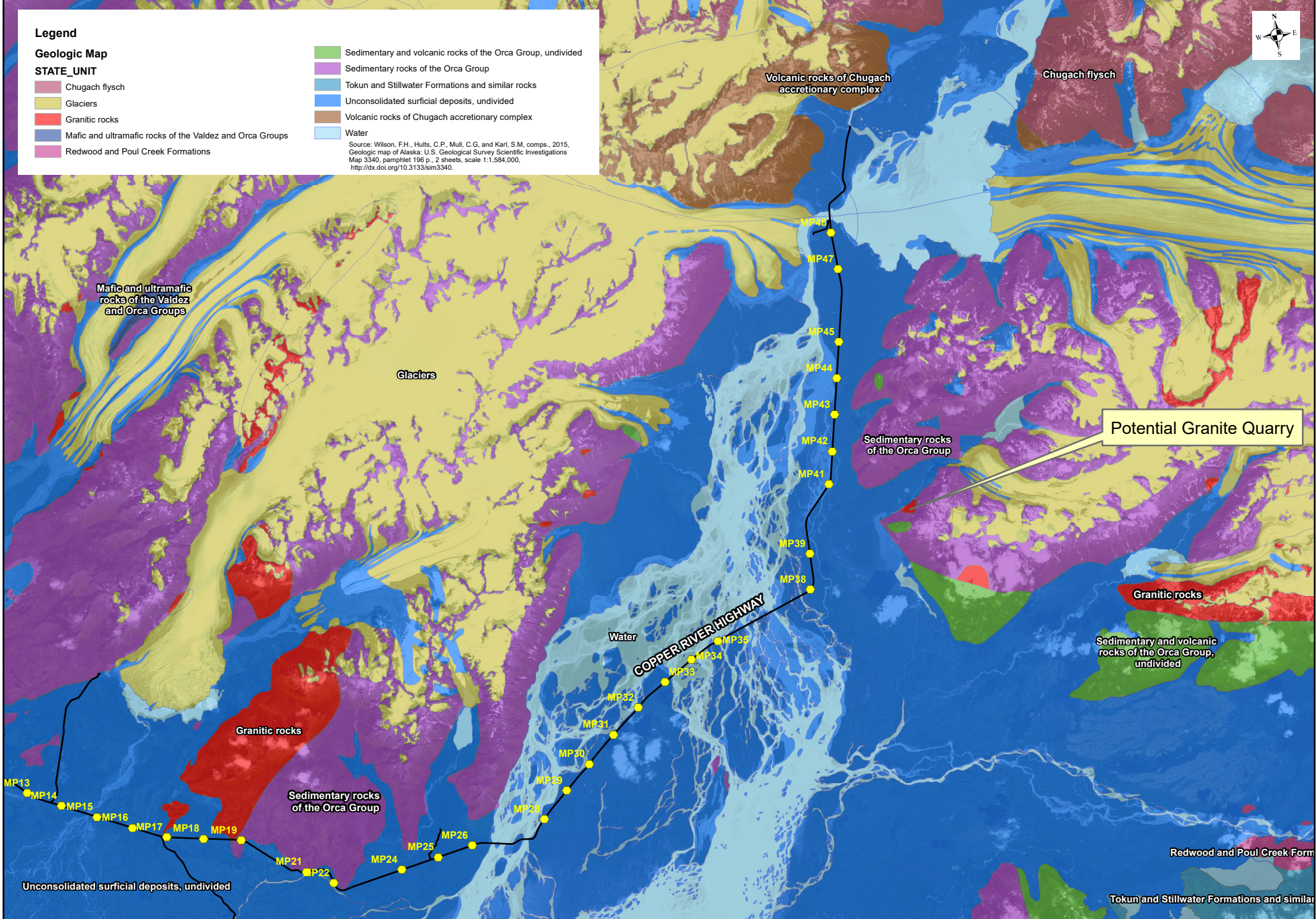January 6, 2019**
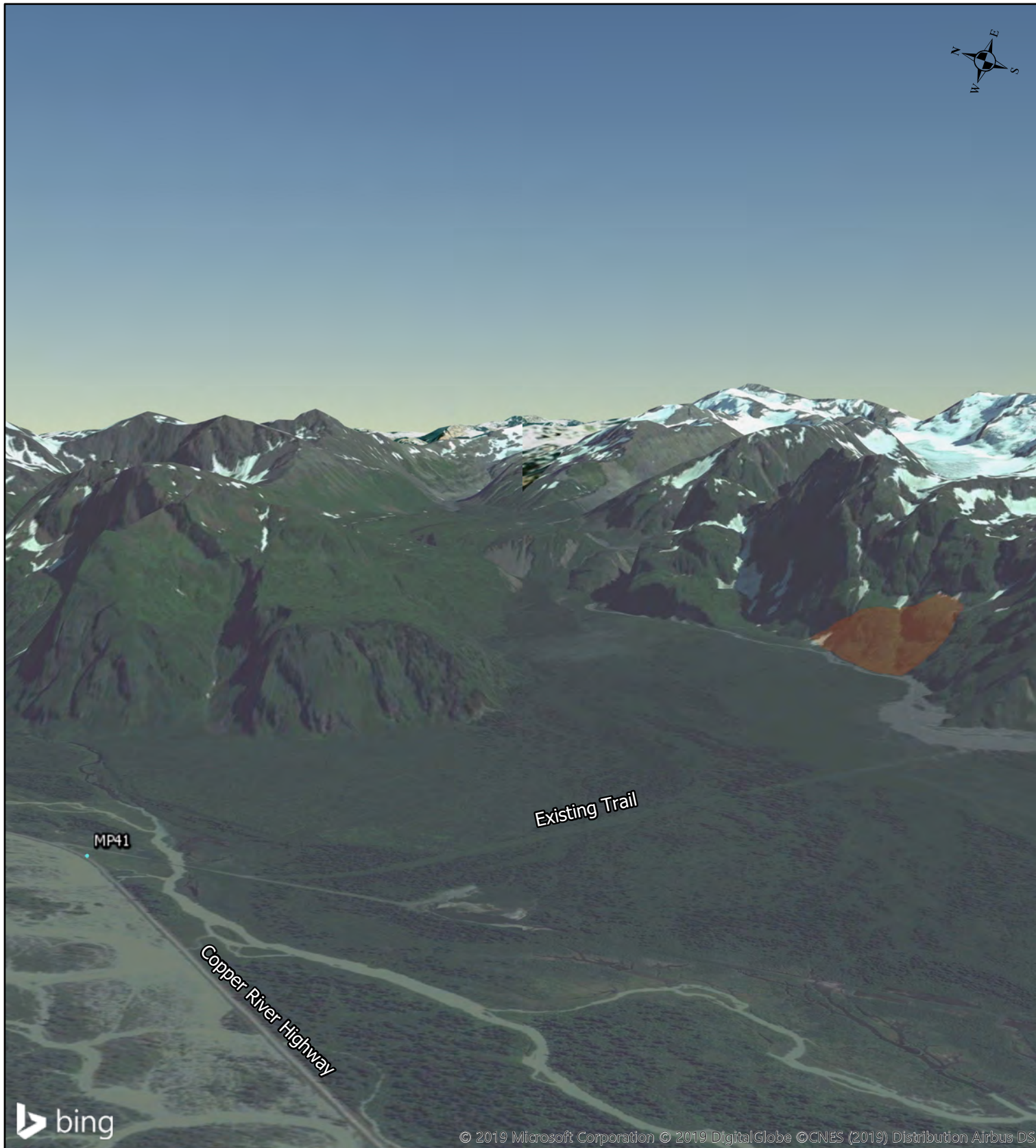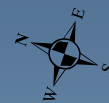
DATE: December 2019   FIGURE 5

Legend

Geologic Map

STATE_UNIT

- Chugach flysch
- Glaciers
- Granitic rocks
- Mafic and ultramafic rocks of the Valdez and Orca Groups
- Redwood and Poul Creek Formations
- Sedimentary and volcanic rocks of the Orca Group, undivided
- Sedimentary rocks of the Orca Group
- Tokun and Stillwater Formations and similar rocks
- Unconsolidated surficial deposits, undivided
- Volcanic rocks of Chugach accretionary complex
- Water

Source: Wilson, F.H., Hults, C.P., Mull, C.G., and Karl, S.M., comps., 2015,
Geologic map of Alaska: U.S. Geological Survey Scientific Investigations
Map 3340, pamphlet 196 p., 2 sheets, scale 1:1,584,000,
http://dx.doi.org/10.3133/sim3340.

Potential Granite Quarry

COPPER RIVER HIGHWAY

STATE OF ALASKA	December 2019	Figure 6
Department of Transportation and Public Facilities		
2301 Peger Road Fairbanks, AK 99709		**Geologic Map**

0   2.5   5   10 Miles

Existing Trail

MP41

Copper River Highway

0   125   250   500 Feet

Legend

Granite Outcrop

STATE OF ALASKA
Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709

Potential Material Site

December 2019   Figure 7