151.208°W 151.207°W 151.206°W 151.205°W 151.204°W 151.203°W 151.202°W

151.209°W 61.7825°N 151.21°W 61.782°N 151.211°W 61.7815°N 151.212°W 61.781°N

61.7805°N 61.78°N 61.7795°N 61.779°N 61.7785°N 61.778°N

MS08

MP 24.75

MP 24.5

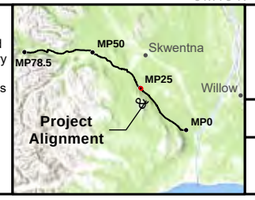
66'

U SCA067.0

WatImp_207
R3UBH
<0.01 acres
61.78097, -151.20416
101 cy of fill

- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- U Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

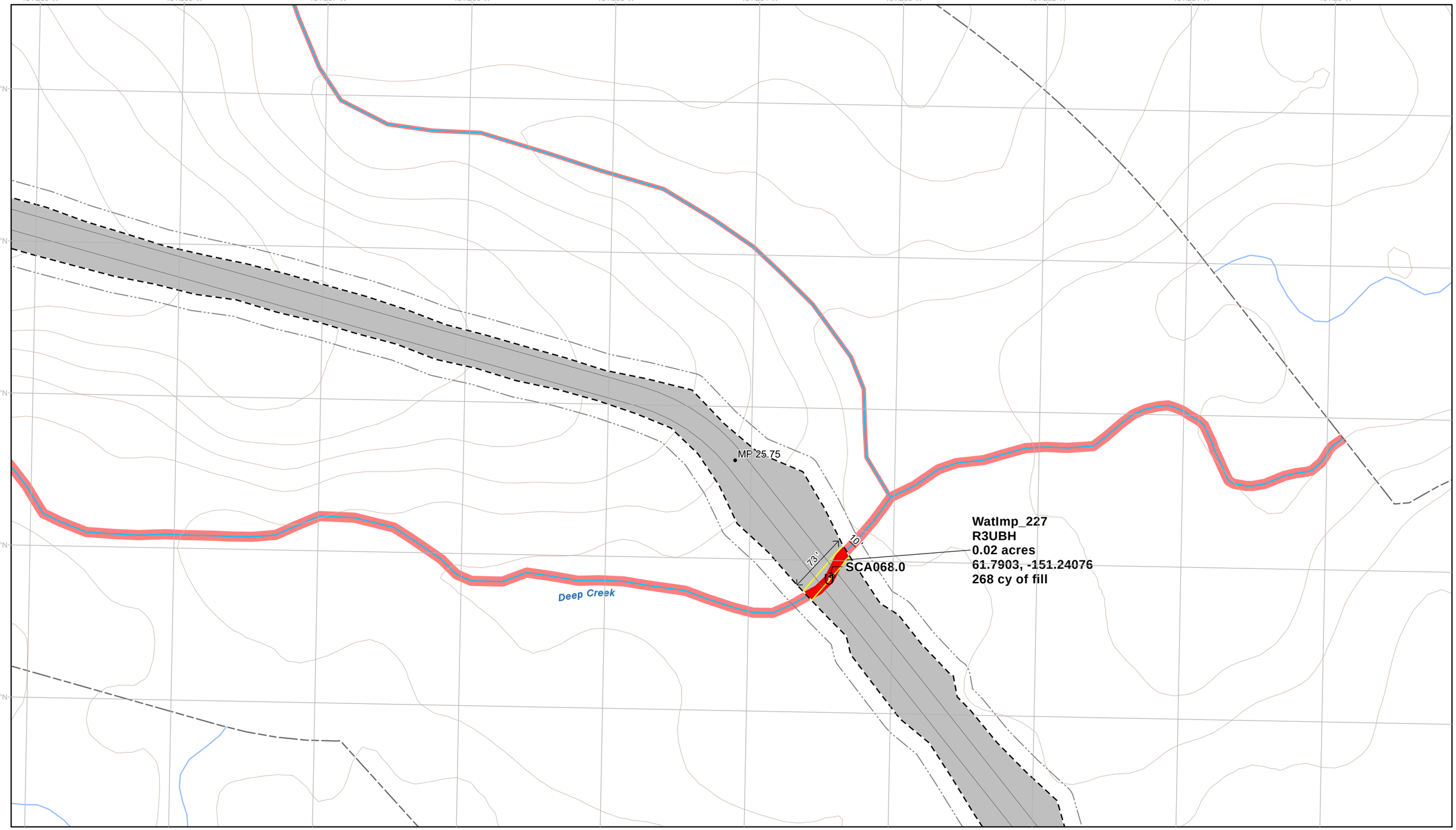
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

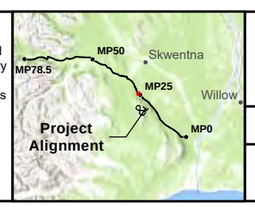
DATE: **JULY 2025**

FIGURE NO. **I-037**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- U Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- USGS Stream (outside mapping limits)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

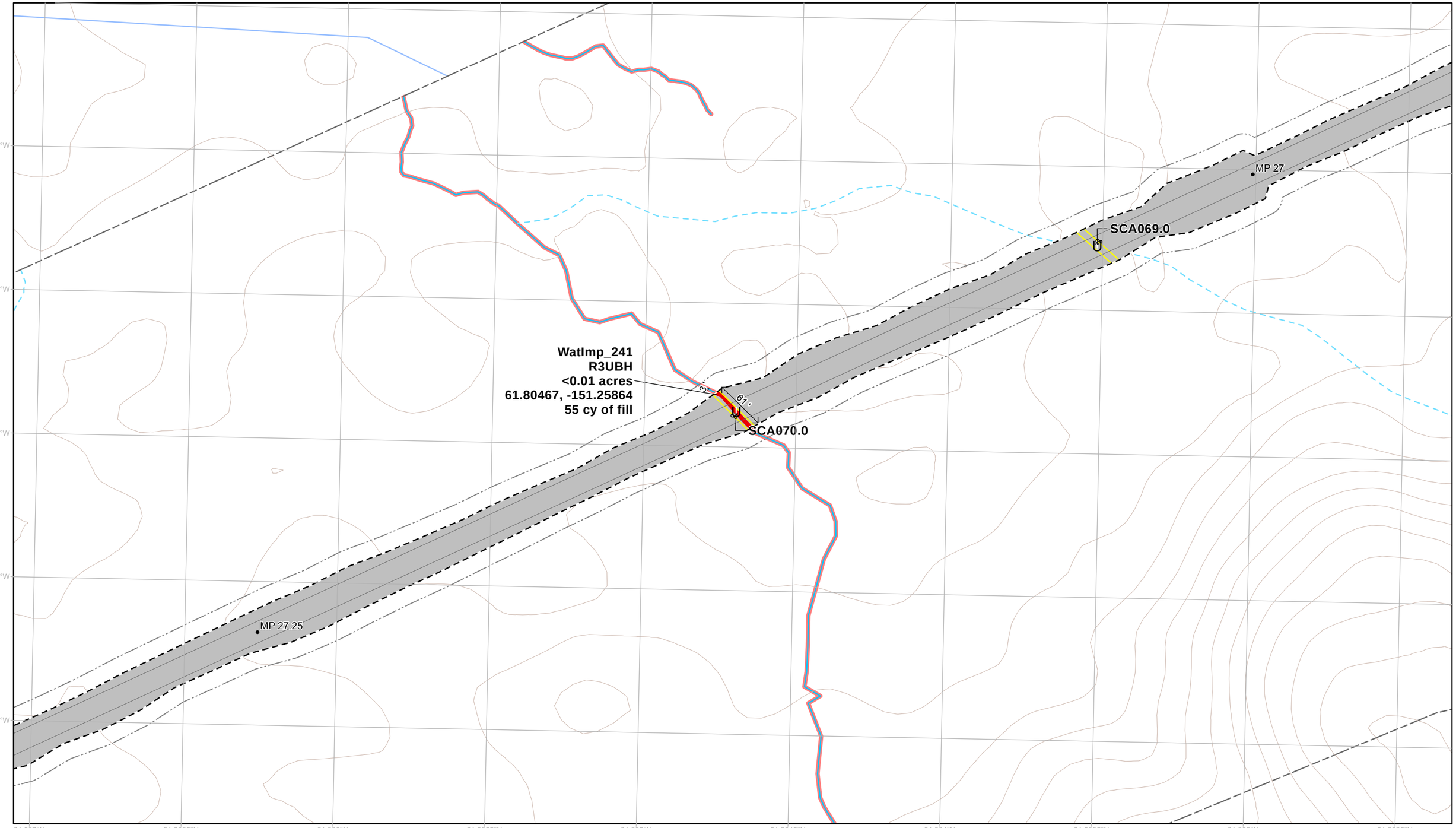
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-038**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- USGS Stream (outside mapping limits)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Intermittent Mapped Stream
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



N 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

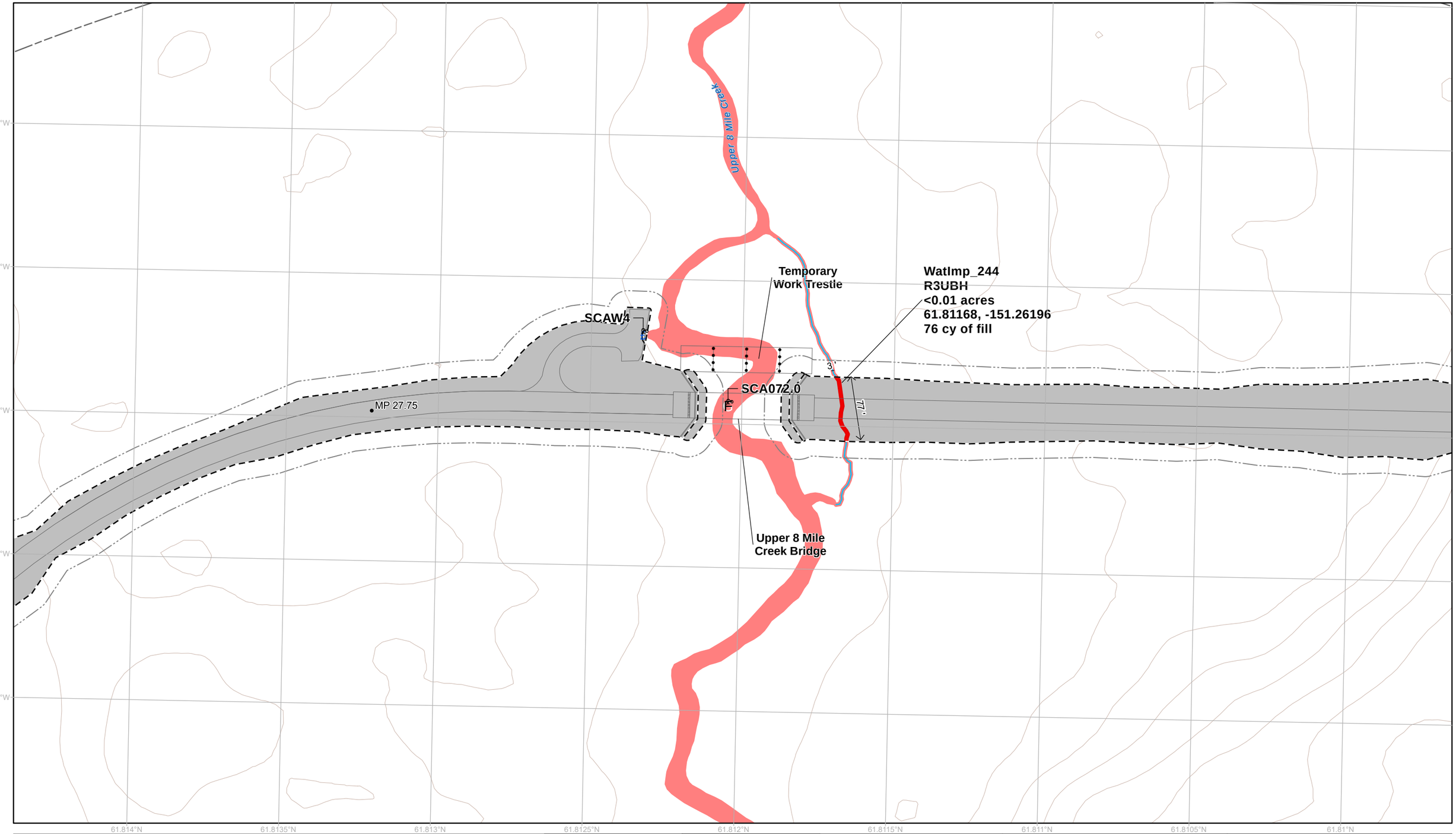
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

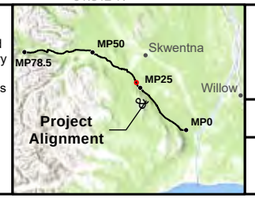
DATE: **JULY 2025**

FIGURE NO. **I-039**



- Permanent Disturbance Limit
- Temporary Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Bridge
- Water Extraction Site
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



N 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

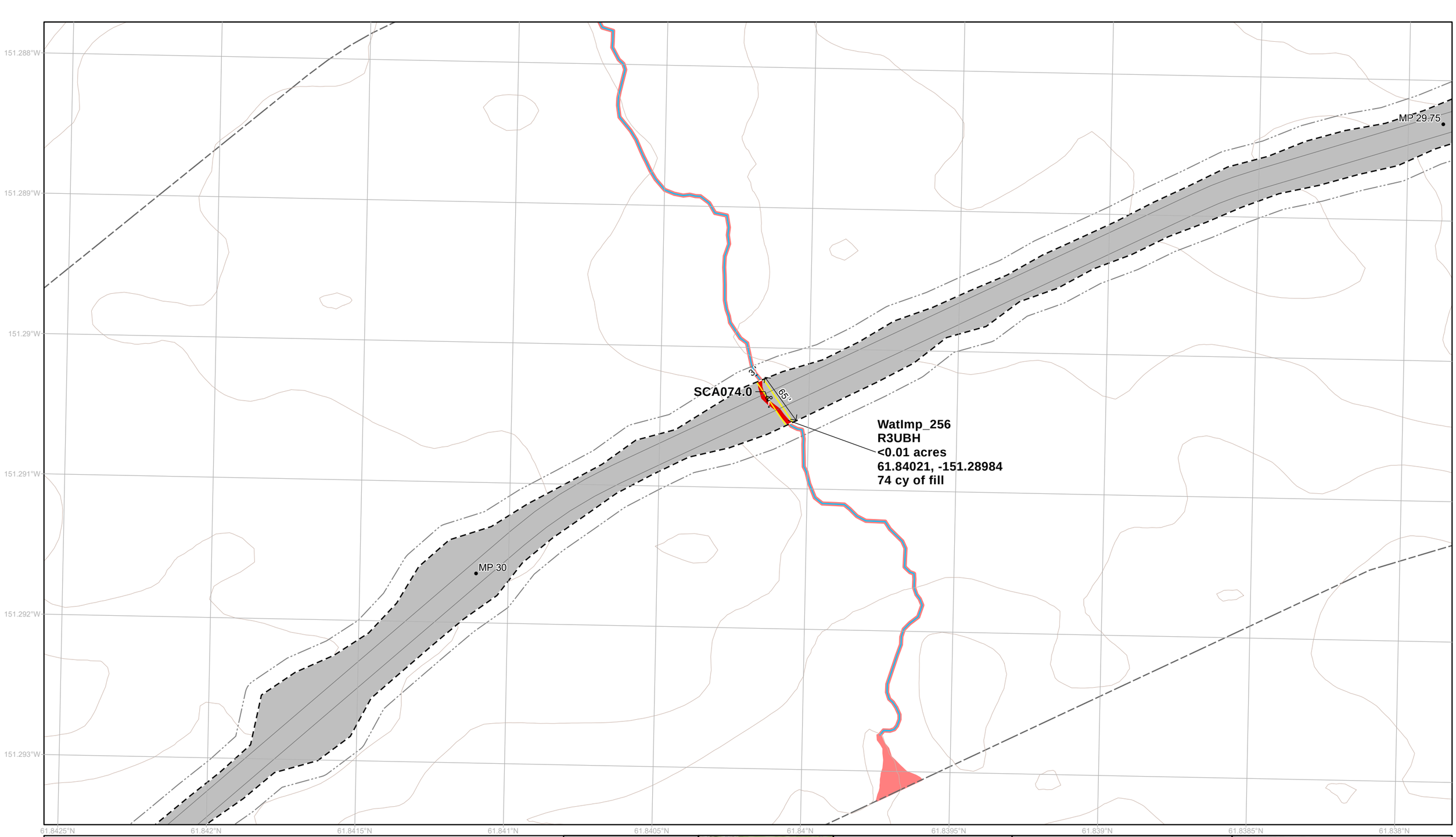
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

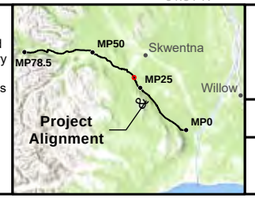
DATE: **JULY 2025**

FIGURE NO. **I-040**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



N 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

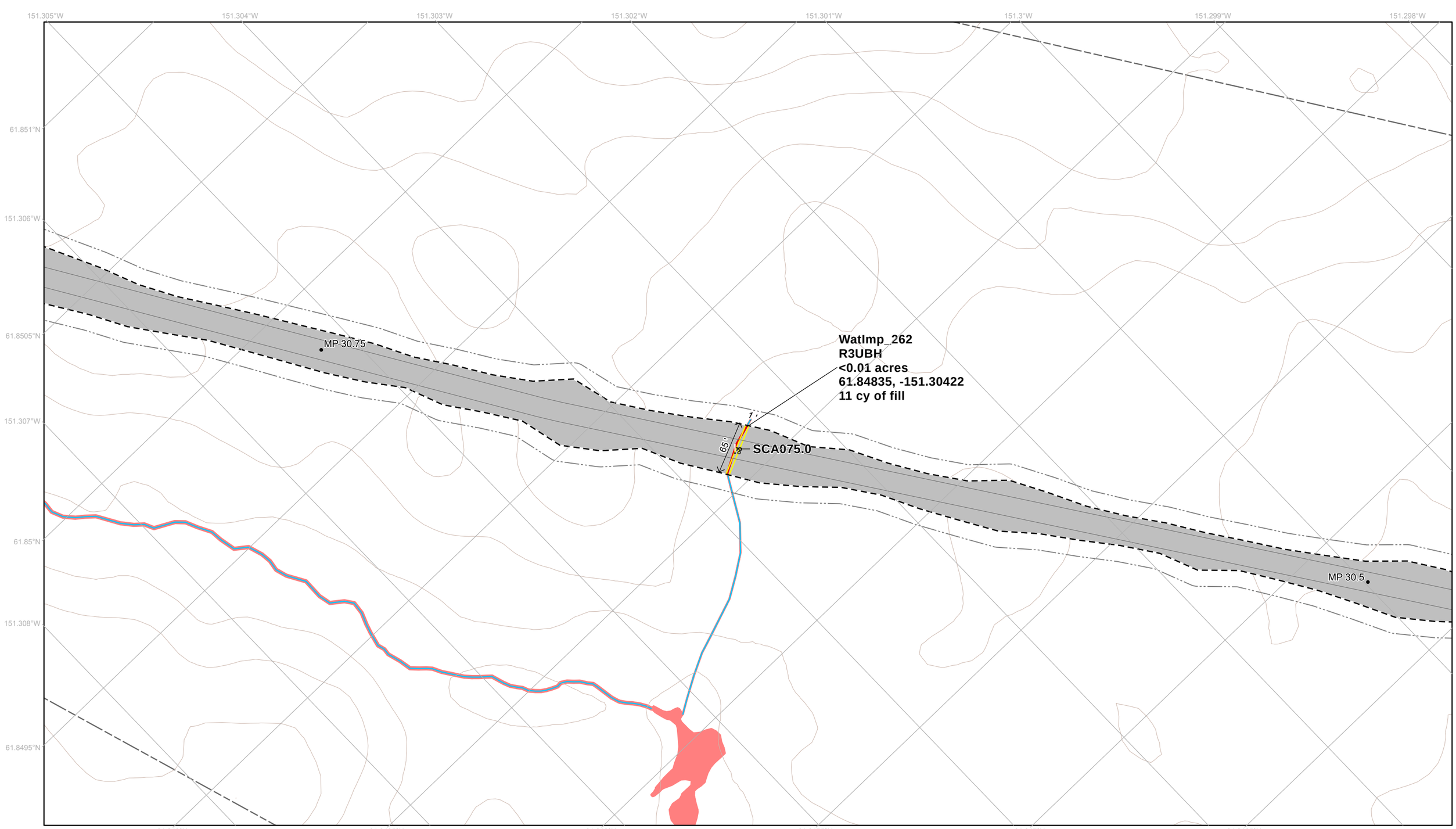
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

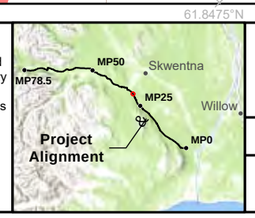
DATE: **JULY 2025**

FIGURE NO. **I-041**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

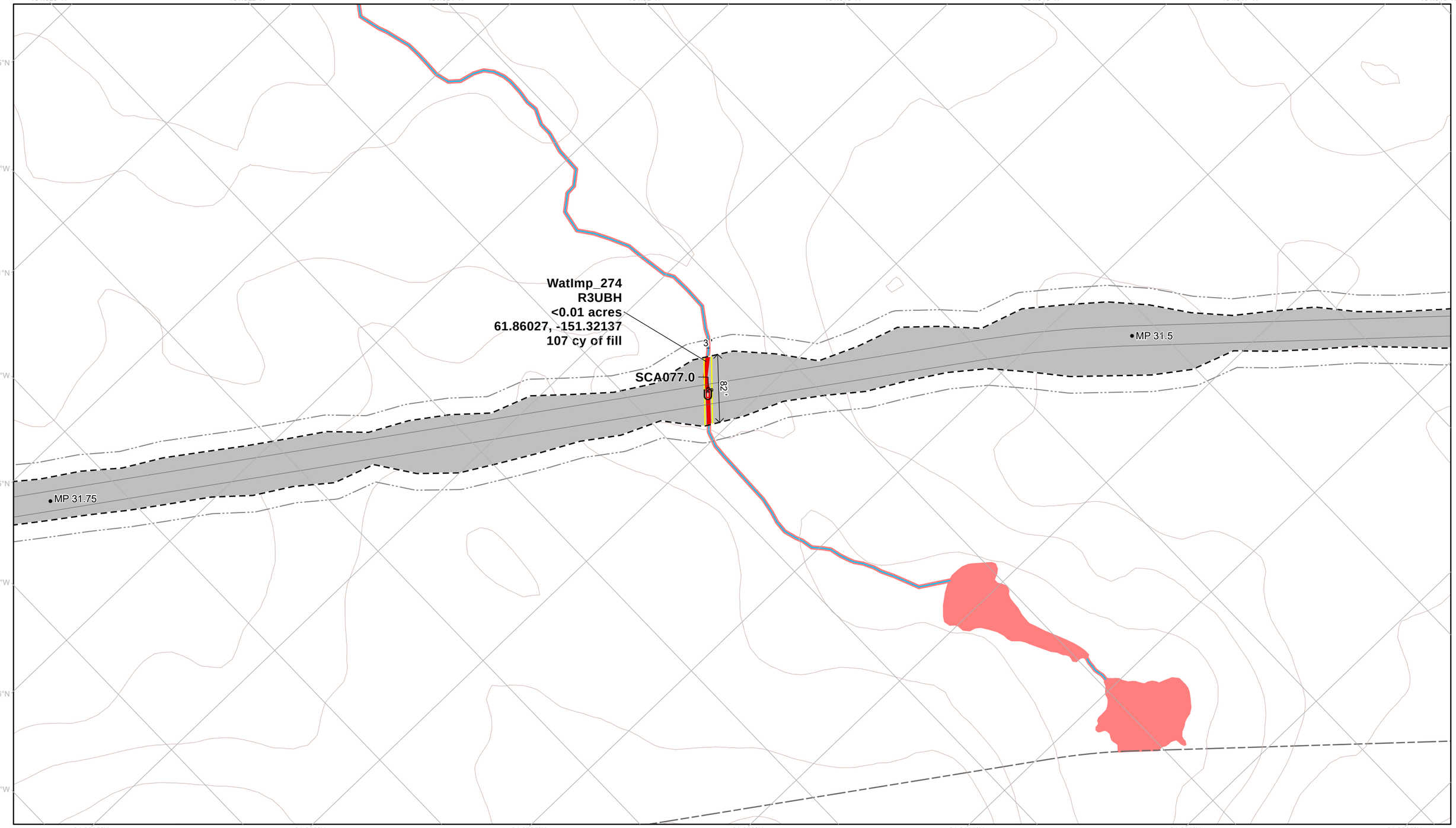
APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	**ROAD CONSTRUCTION**
WATERWAY: **SUSITNA RIVER WATERSHED**	FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

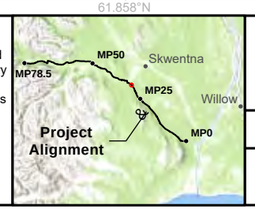
DATE: **JULY 2025**

FIGURE NO. **I-042**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

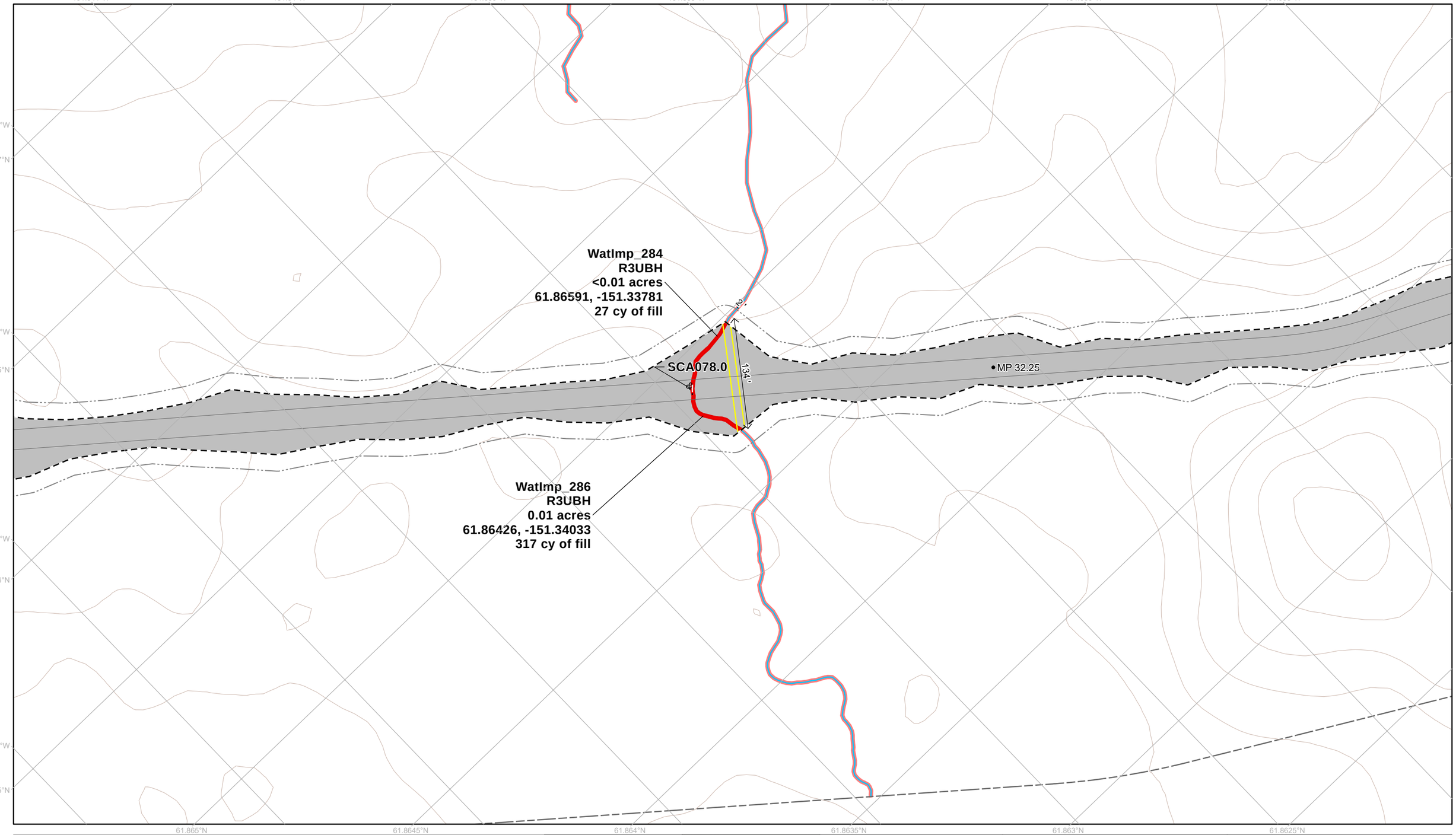
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

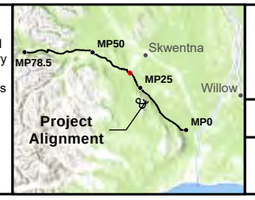
DATE: **JULY 2025**

FIGURE NO. **I-043**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

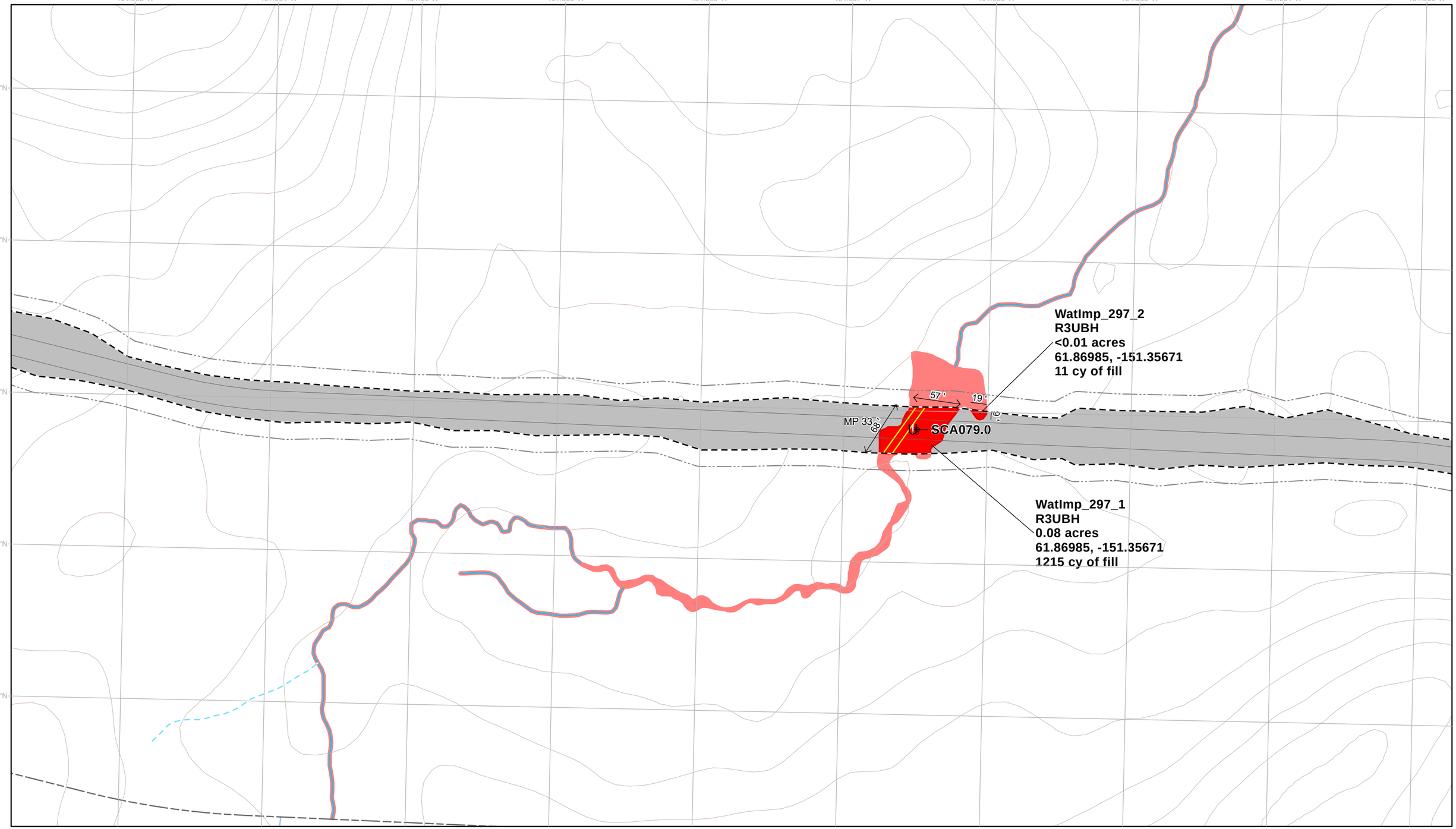
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

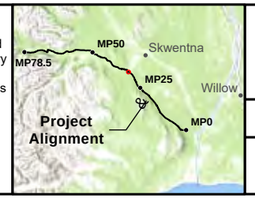
DATE: **JULY 2025**

FIGURE NO. **I-044**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- U Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- USGS Stream (outside mapping limits)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Intermittent Mapped Stream
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-045**

151.369°W
151.37°W
151.371°W
151.372°W
151.373°W
151.374°W

Temporary
Work Trestle

SCA080.0

16'

33'

MP 33.5

Skwentna
River
Bridge

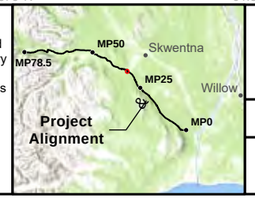
Skwentna River

Watimp_300_29
R3UBH
0.01 acres
61.87313, -151.36224
78 cy of fill

61.875°N
61.8745°N
61.874°N
61.8735°N
61.873°N
61.8725°N
61.872°N
61.8715°N
61.871°N
61.8705°N

- Permanent Disturbance Limit
- Temporary Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Bridge
- 10' Contour (existing)
- USGS Stream (outside mapping limits)
- USGS Waterbody (outside mapping limits)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



N 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-046**

151.393°W 151.392°W 151.391°W 151.39°W 151.389°W 151.388°W 151.387°W 151.386°W 151.385°W 151.384°W 151.383°W

61.8835°N

61.883°N

61.8825°N

61.882°N

61.8815°N

61.881°N

WetImp_302
PEM1/SS1F
0.29 acres
61.88392, -151.39476
1333 cy of fill

344'

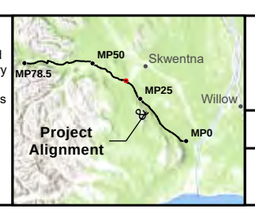
SCAT2

42'

MP 34.5

Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
At-grade Trail Crossing
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-047**

151.429°W 151.428°W 151.427°W 151.426°W 151.425°W 151.424°W 151.423°W 151.422°W 151.421°W 151.42°W

61.8875°N

61.887°N

61.8865°N

61.886°N

61.8855°N

SCA081.0

91'

SCAT3

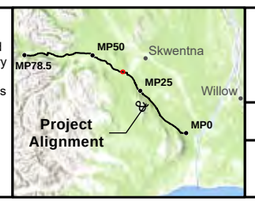
MP 36

MP 35.75

WatImp_312
R3UBH
<0.01 acres
61.88745, -151.4229
184 cy of fill

- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Bridge Trail Crossing
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

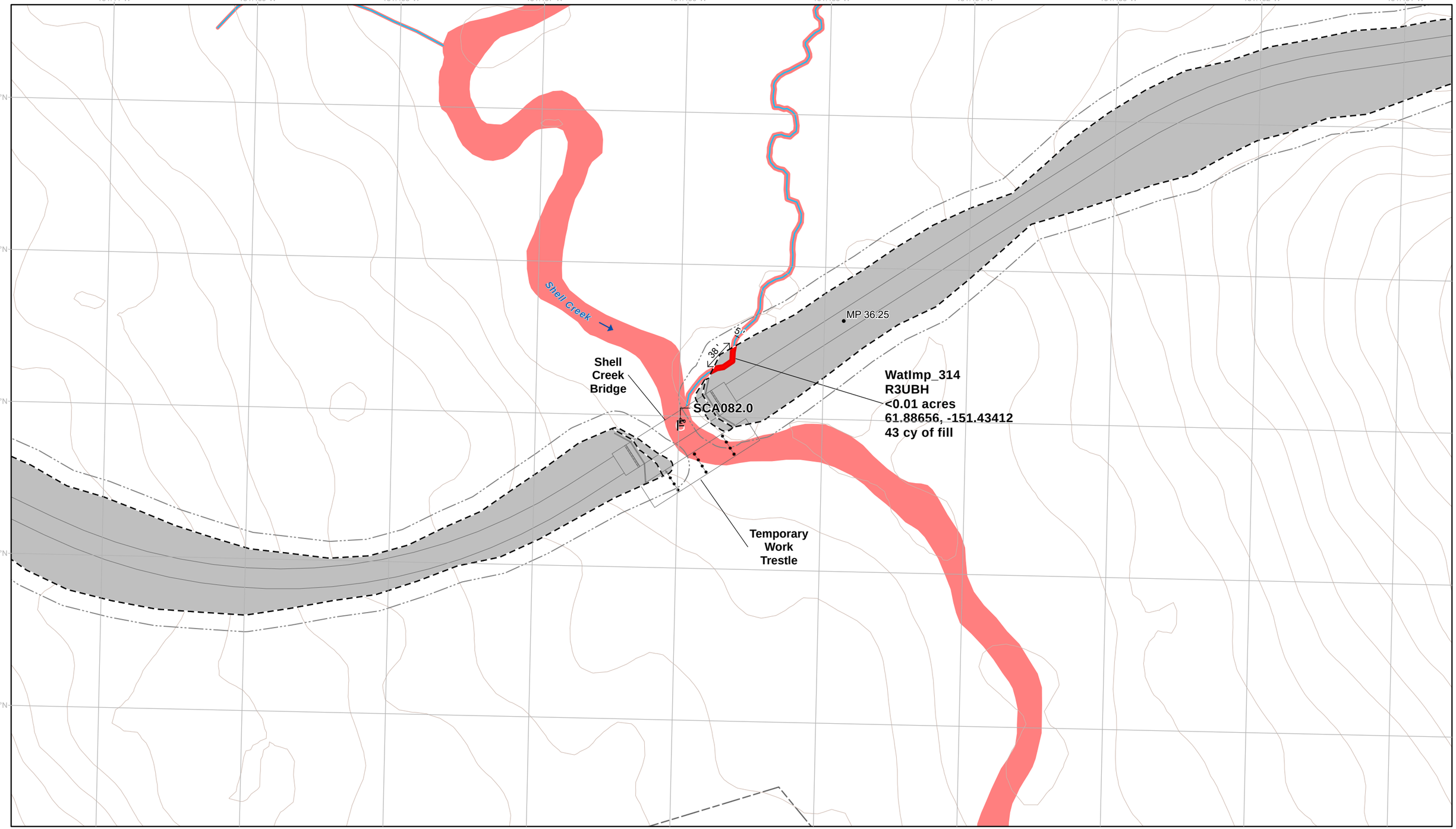
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

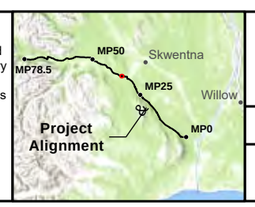
DATE: **JULY 2025**

FIGURE NO. **I-048**



- Permanent Disturbance Limit
- Temporary Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- F Bridge
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

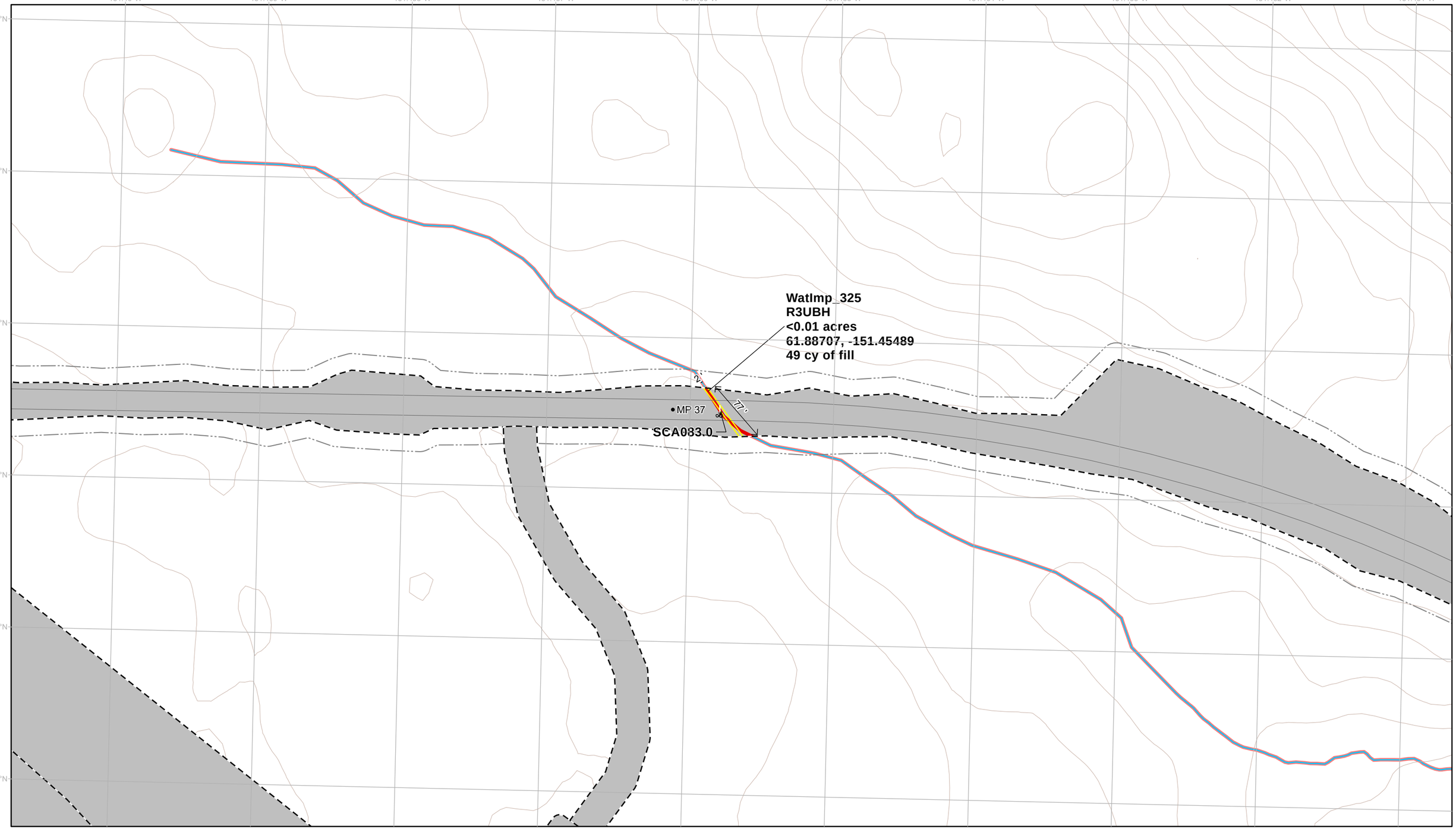
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

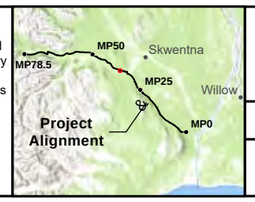
DATE: **JULY 2025**

FIGURE NO. **I-049**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Stream Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

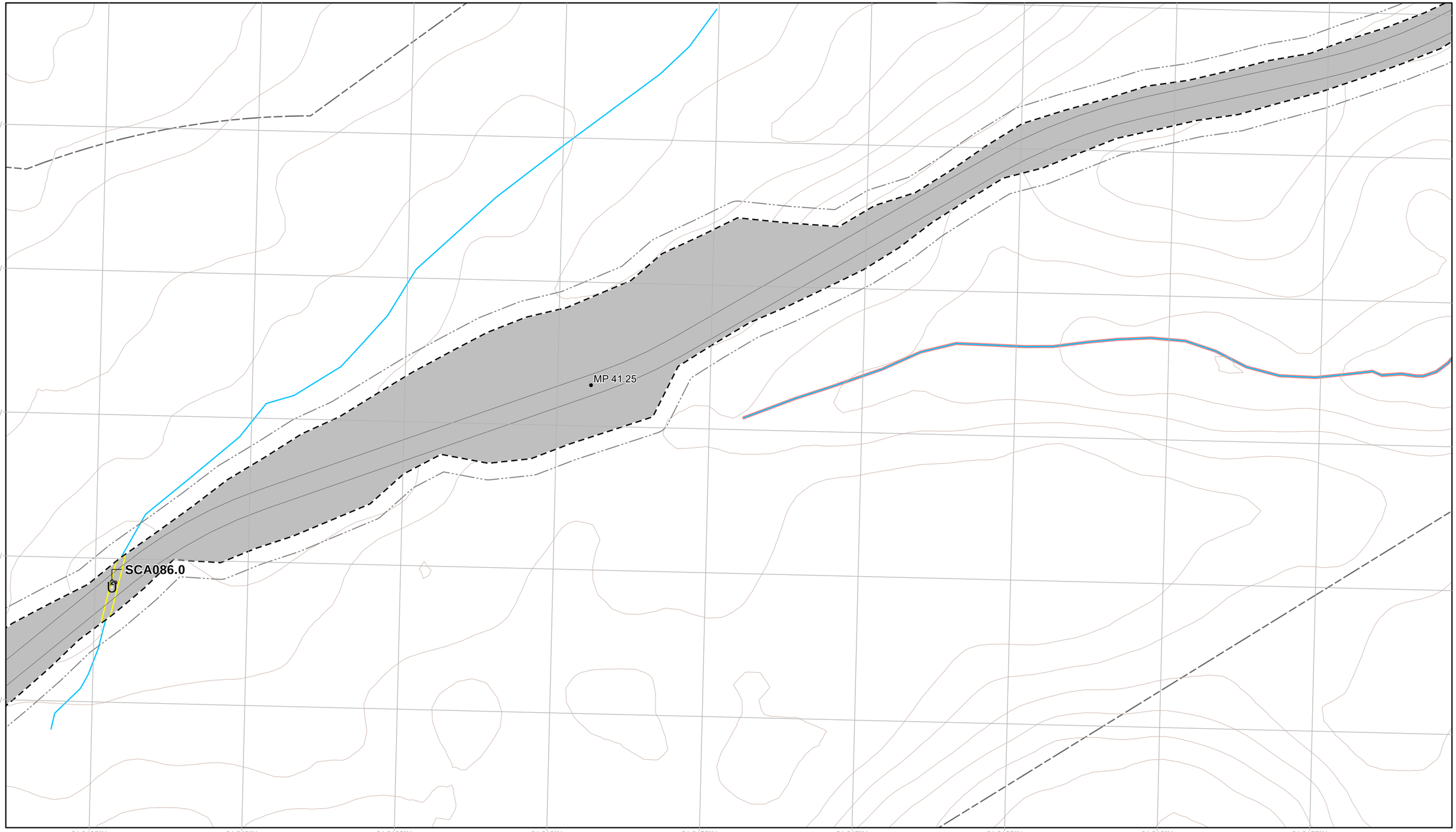
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-050**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



N 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

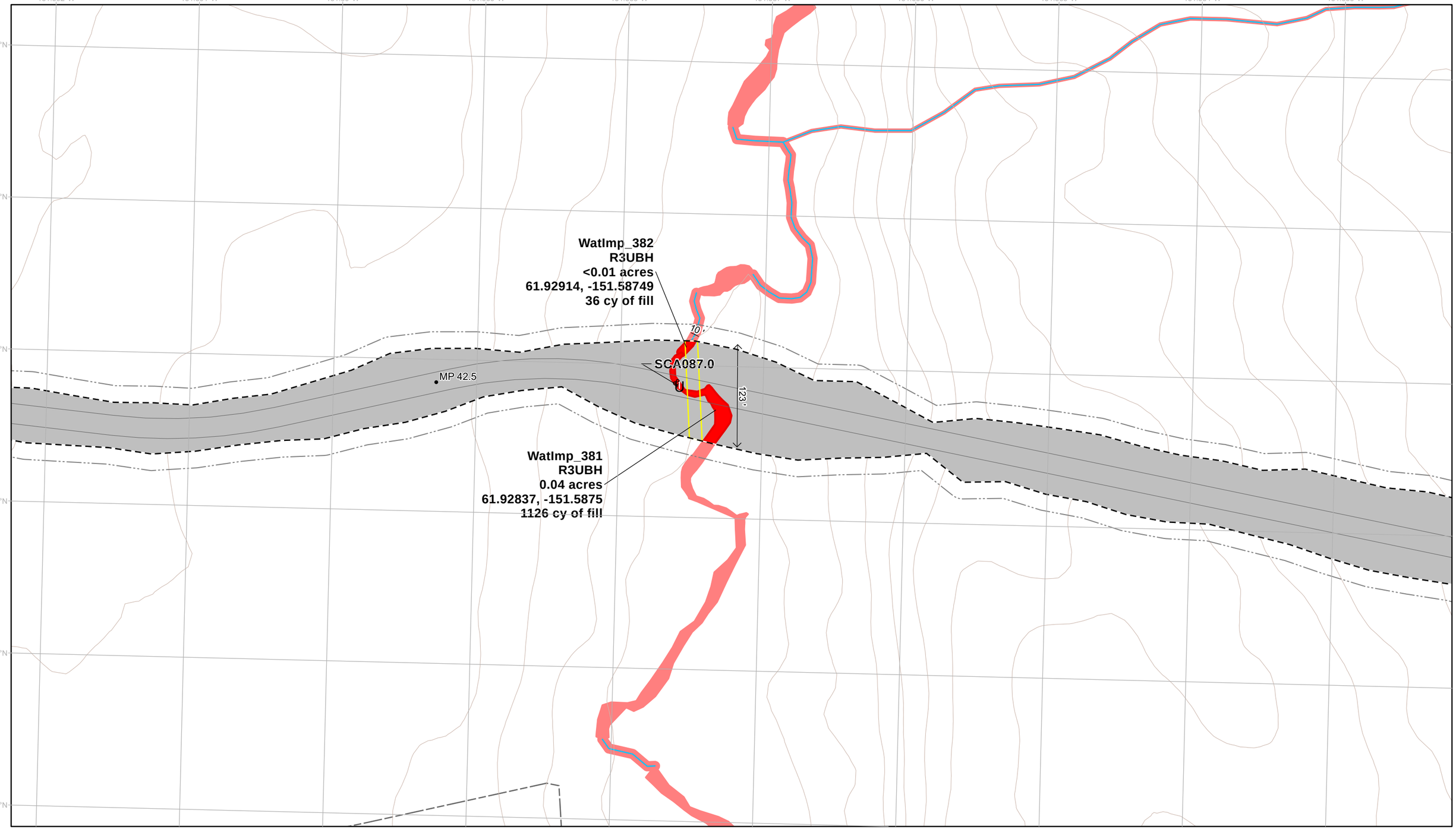
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

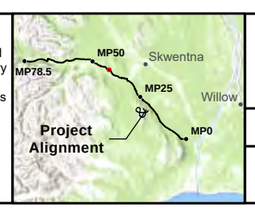
DATE: **JULY 2025**

FIGURE NO. **I-051**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- U Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-052**

151.648°W 151.647°W 151.646°W 151.645°W 151.644°W 151.643°W 151.642°W 151.641°W 151.64°W 151.639°W

61.9465°N

61.946°N

61.9455°N

61.945°N

61.9445°N

WatImp_391
R3UBHb
0.01 acres
61.94524, -151.64582
134 cy of fill

36 '

SCA090.0

55 '

MP 44.75

WatImp_389_1
R3UBH
<0.01 acres
61.94342, -151.63823
47 cy of fill

SCA089.0

137 '

1 '

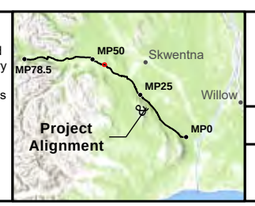
SCA088.0

49 '

WatImp_389_2
R3UBH
<0.01 acres
61.94342, -151.63823
12 cy of fill

- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-053**

151.676°W 151.675°W 151.674°W 151.673°W 151.672°W 151.671°W 151.67°W 151.669°W 151.668°W 151.667°W

61.948°N

61.9475°N

61.947°N

61.9465°N

61.946°N

SCA092.0

MP 45.75

SCA091.0

64'

8'

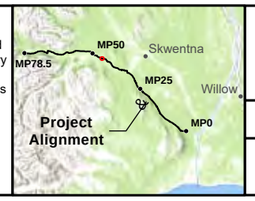
4'

WatImp_395
R3UBH
<0.01 acres
61.94613, -151.66976
93 cy of fill

MP 45.5

- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Intermittent Mapped Stream
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

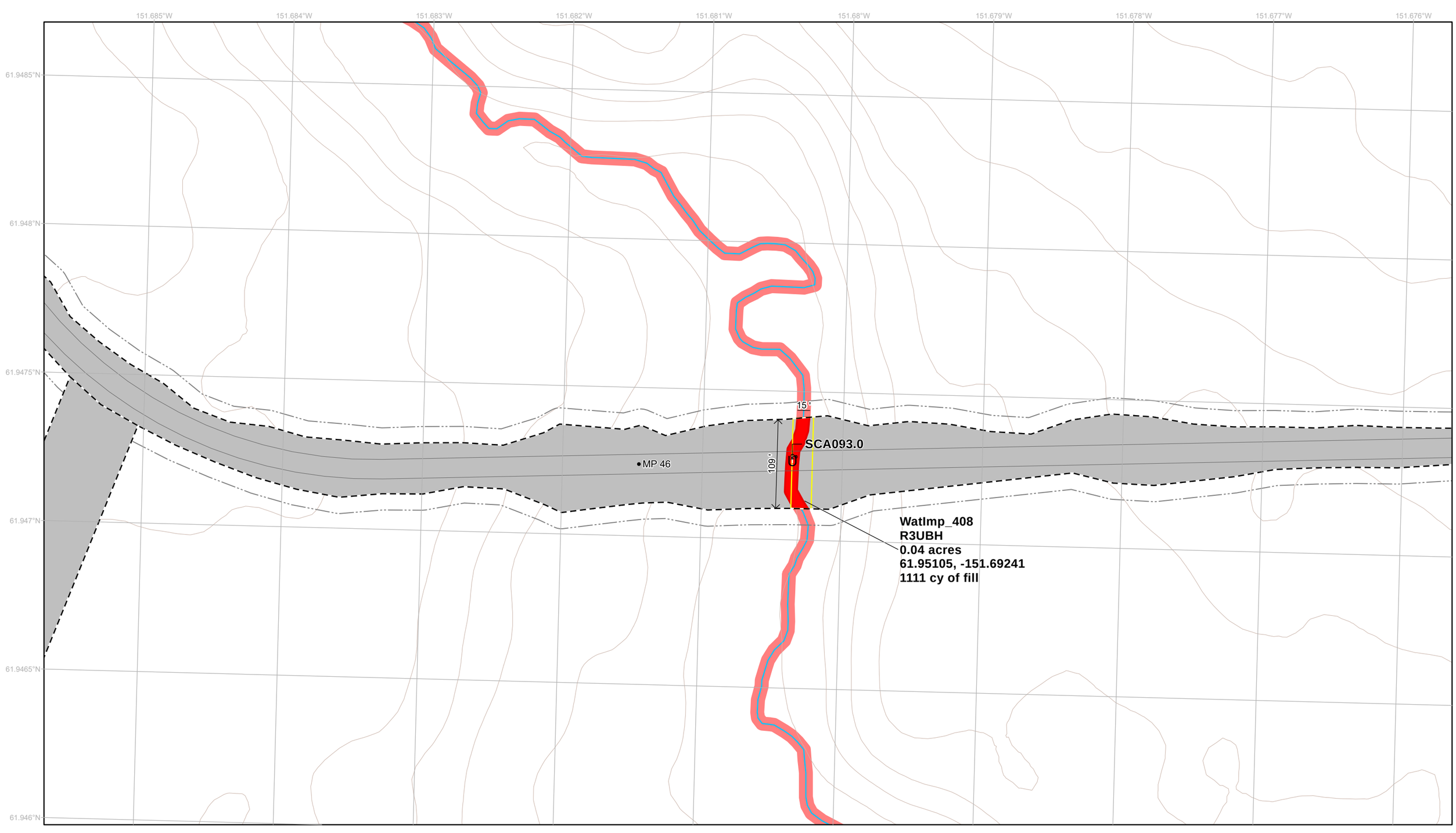
APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: SUSITNA RIVER WATERSHED	FILE NO. POA-XXX-XXXX

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

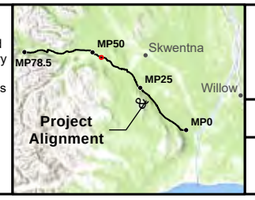
DATE: **JULY 2025**

FIGURE NO. **I-054**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- U Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

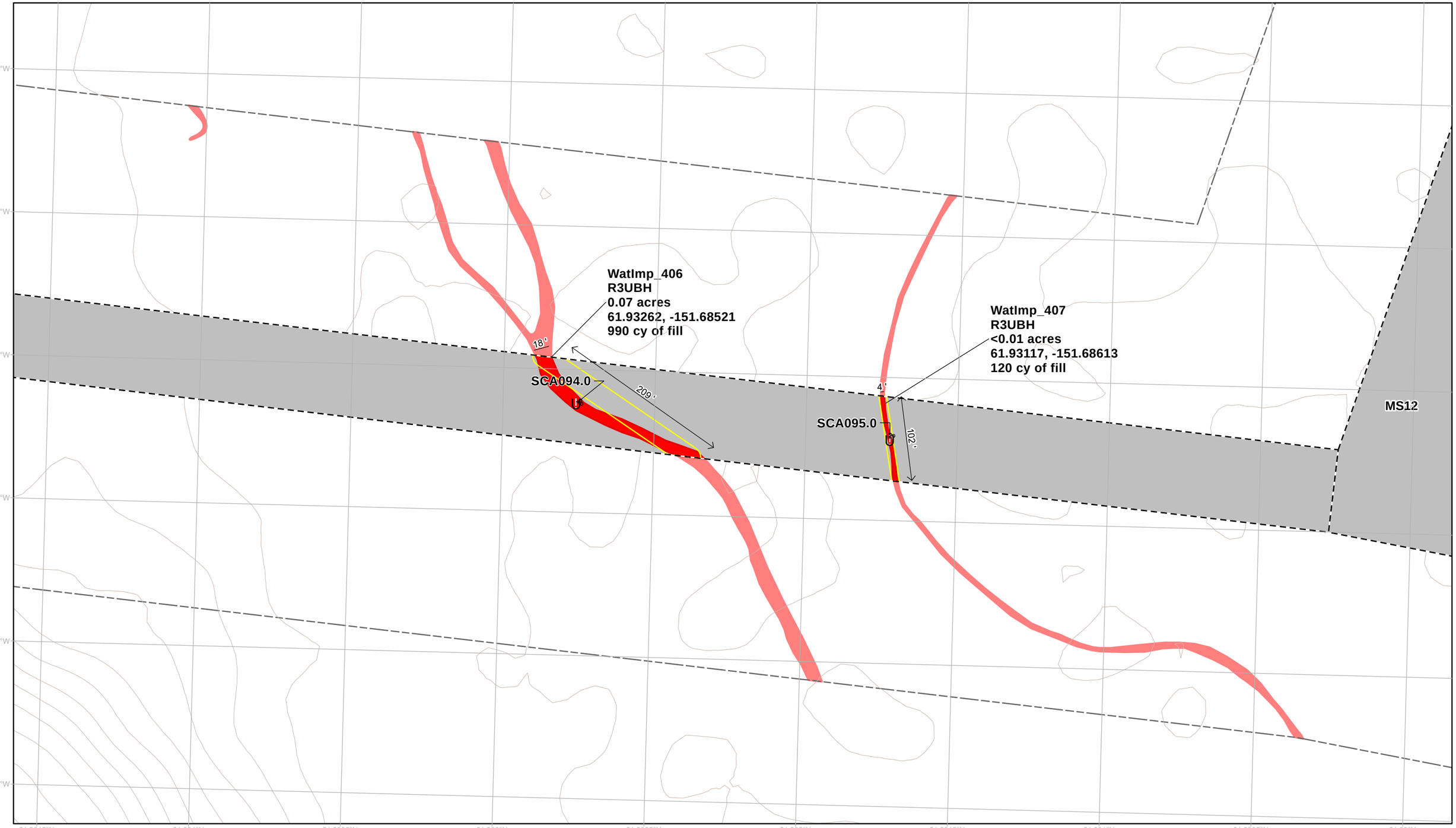
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

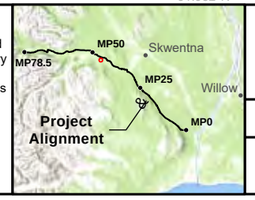
DATE: **JULY 2025**

FIGURE NO. **I-055**



Permanent Disturbance Limit
Project Design Detail Feature
U Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



N 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-056**

151.683°W 151.682°W 151.681°W 151.68°W 151.679°W 151.678°W 151.677°W 151.676°W 151.675°W 151.674°W

61.9285°N

61.928°N

61.9275°N

61.927°N

61.9265°N

1608 '

101 '

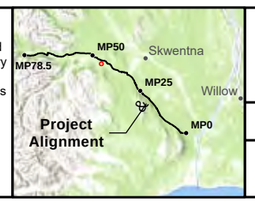
WatImp_397
R3UBH
0.26 acres
61.92807, -151.67558
0 cy of fill

MS12

WatImp_405
R3UBF
<0.01 acres
61.92689, -151.6837
0 cy of fill

- Permanent Disturbance Limit
- Project Design Detail Feature
- 10' Contour (existing)
- USGS Waterbody (outside mapping limits)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

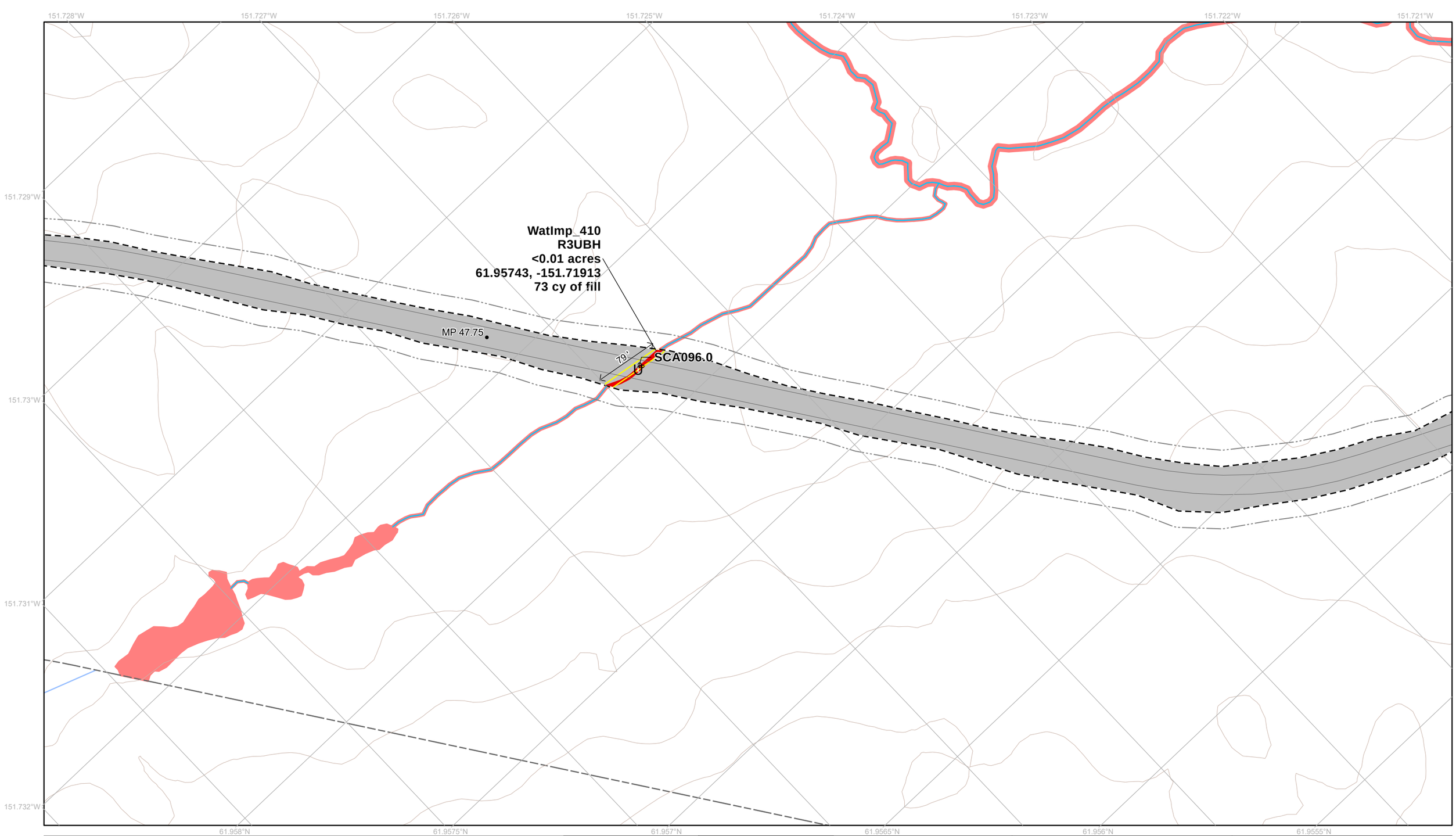
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

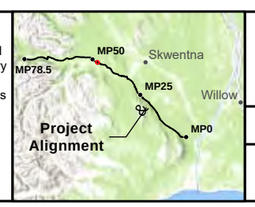
DATE: **JULY 2025**

FIGURE NO. **I-057**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
USGS Stream (outside mapping limits)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

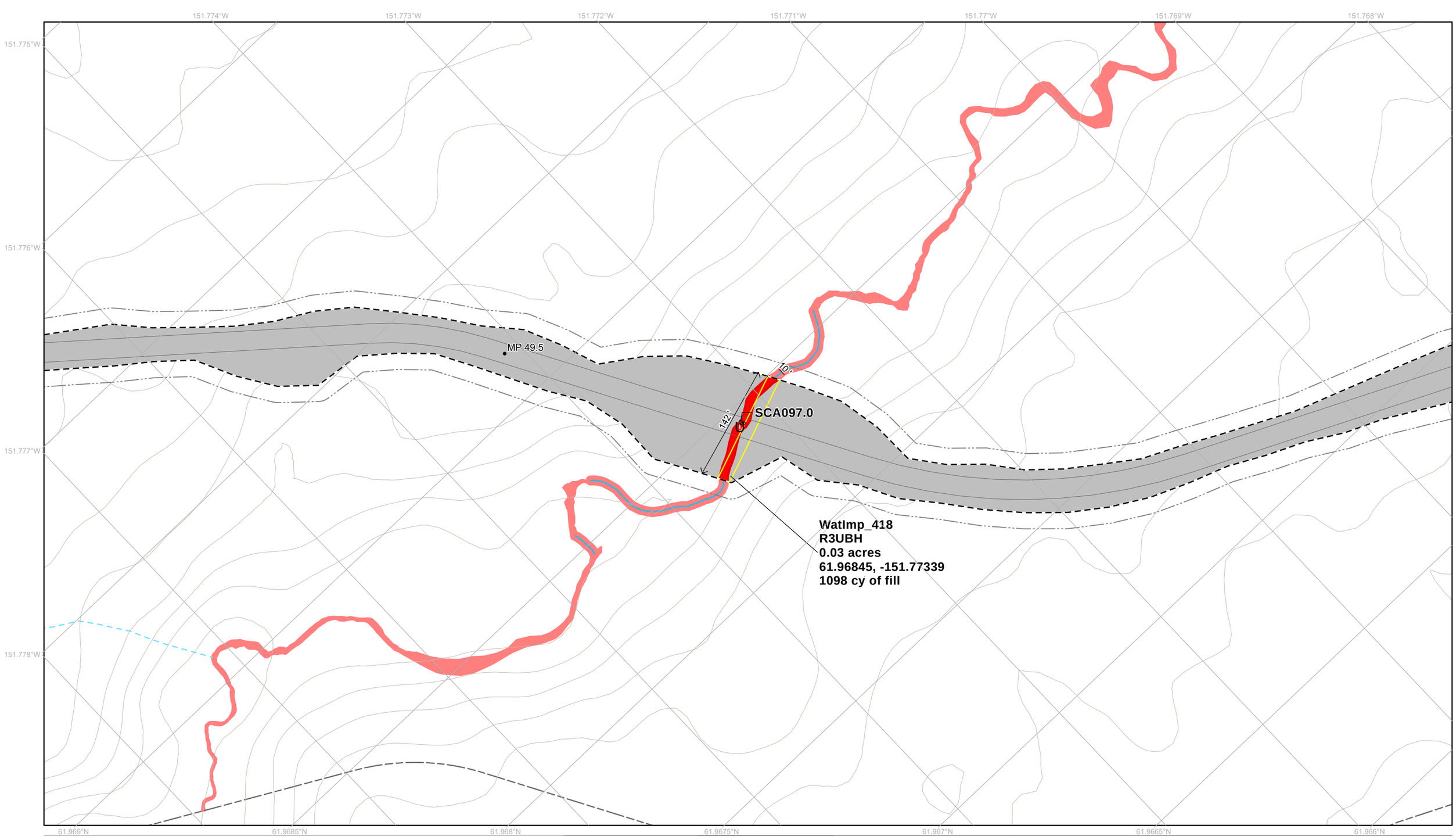
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

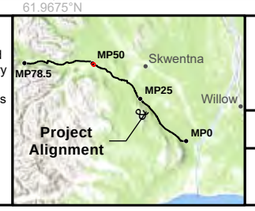
DATE: **JULY 2025**

FIGURE NO. **I-058**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Intermittent Mapped Stream
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-059**

151.786°W 151.785°W 151.784°W 151.783°W 151.782°W 151.781°W 151.78°W 151.779°W

61.9755°N 151.787°W

61.975°N 151.788°W

61.9745°N 151.789°W

61.974°N

61.9735°N 61.973°N 61.9725°N 61.972°N 61.9715°N 61.971°N

4'

86'

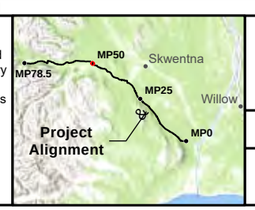
SCA099.0

MP 50

WatImp_427
R3UBH
<0.01 acres
61.97361, -151.78793
103 cy of fill

- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	**ROAD CONSTRUCTION**
WATERWAY: **SUSITNA RIVER WATERSHED**	FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-060**

151.801°W
151.8°W
151.799°W
151.798°W
151.797°W
151.796°W
151.795°W
151.794°W
151.802°W
61.9815°N
151.803°W
61.981°N
151.804°W
61.9805°N
151.805°W
61.98°N
61.9795°N
61.979°N
61.9785°N
61.978°N
61.9775°N
61.977°N

WatImp_433
R3UBH
<0.01 acres
61.97734, -151.79867
165 cy of fill

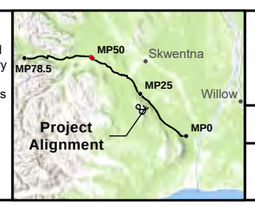
SCA100.0
3'
100'
MP 50.5

SCA101.0
2'
119'
MP 50.75

WatImp_435
R3UBH
<0.01 acres
61.98158, -151.80334
151 cy of fill

- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: SUSITNA RIVER WATERSHED	FILE NO. POA-XXX-XXXX

DRAWING TITLE:
WOTUS IMPACTS DETAIL

DATE:	FIGURE NO.
JULY 2025	I-061

151.823°W 151.822°W 151.821°W 151.82°W 151.819°W 151.818°W 151.817°W 151.816°W 151.815°W 151.814°W

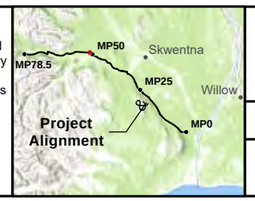
61.985°N
61.9845°N
61.984°N
61.9835°N
61.983°N
61.9825°N

10'
205'
SCA102.0
MP 51.25

WatImp_442
R3UBH
0.05 acres
61.98399, -151.82009
2256 cy of fill

- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- U Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-062**

151.896°W 151.895°W 151.894°W 151.893°W 151.892°W 151.891°W 151.89°W 151.889°W 151.888°W 151.887°W

61.9855°N

61.985°N

61.9845°N

61.984°N

61.9835°N

WatImp_444
R3UBH
<0.01 acres
61.98483, -151.89158
294 cy of fill

3'

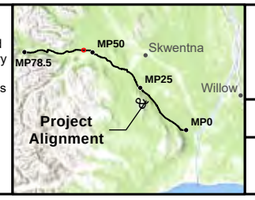
150'

MP 53.75

SCA104.0

Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Stream Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-063**

151.932°W 151.931°W 151.93°W 151.929°W 151.928°W 151.927°W 151.926°W 151.925°W 151.924°W 151.923°W

61.9845°N

61.984°N

61.9835°N

61.983°N

61.9825°N

MP 55

SCA105.0

MP 54.75

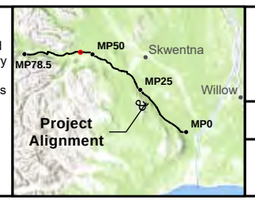
WatImp_456
R3UBH
<0.01 acres
61.98387, -151.927
113 cy of fill

3'

83'

Permanent Disturbance Limit	10' Contour (existing)
Project Milepost	USGS Stream (outside mapping limits)
Project Design Detail Feature	Wetland Mapping Limit
Potential Vegetation Clearing Limit	Jurisdictional Wetland and Water Impact
Fish Passage Culvert	Jurisdictional Wetland and Water
Culvert Boundary	Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

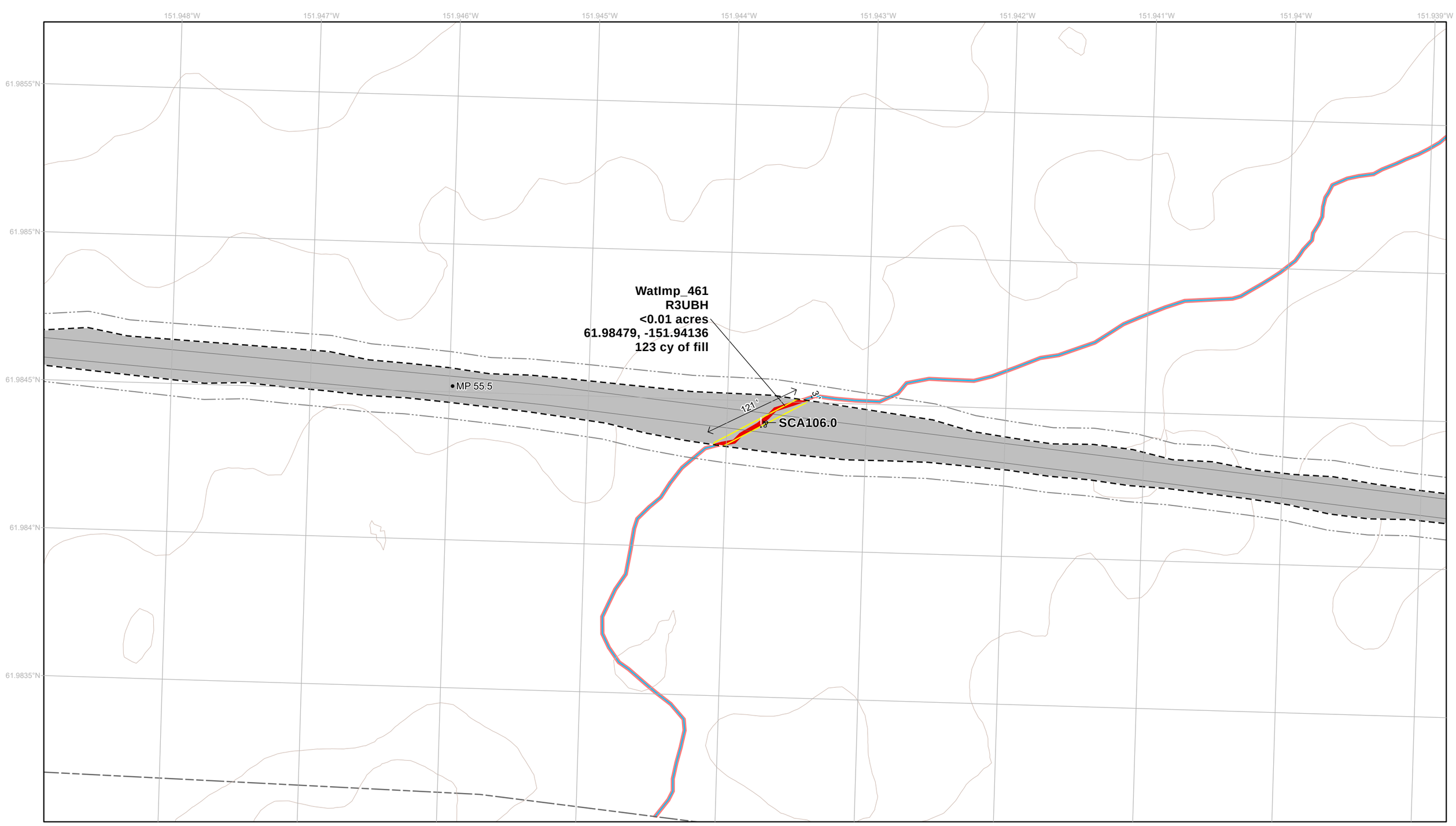
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

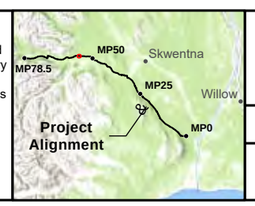
DATE: **JULY 2025**

FIGURE NO. **I-064**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

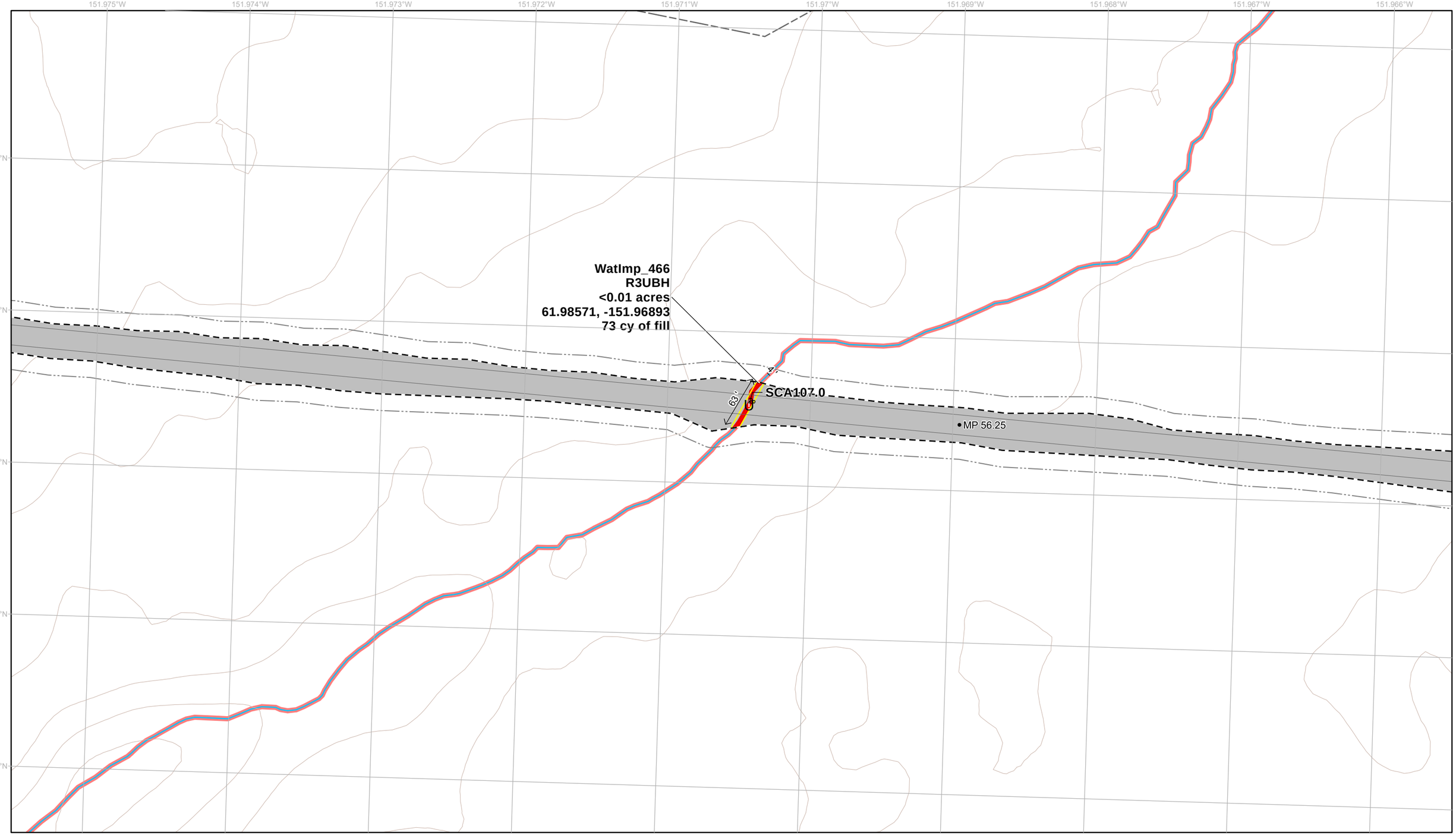
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

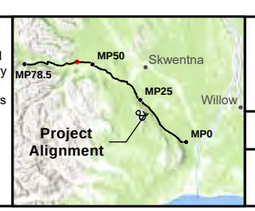
DATE: **JULY 2025**

FIGURE NO. **I-065**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
U Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

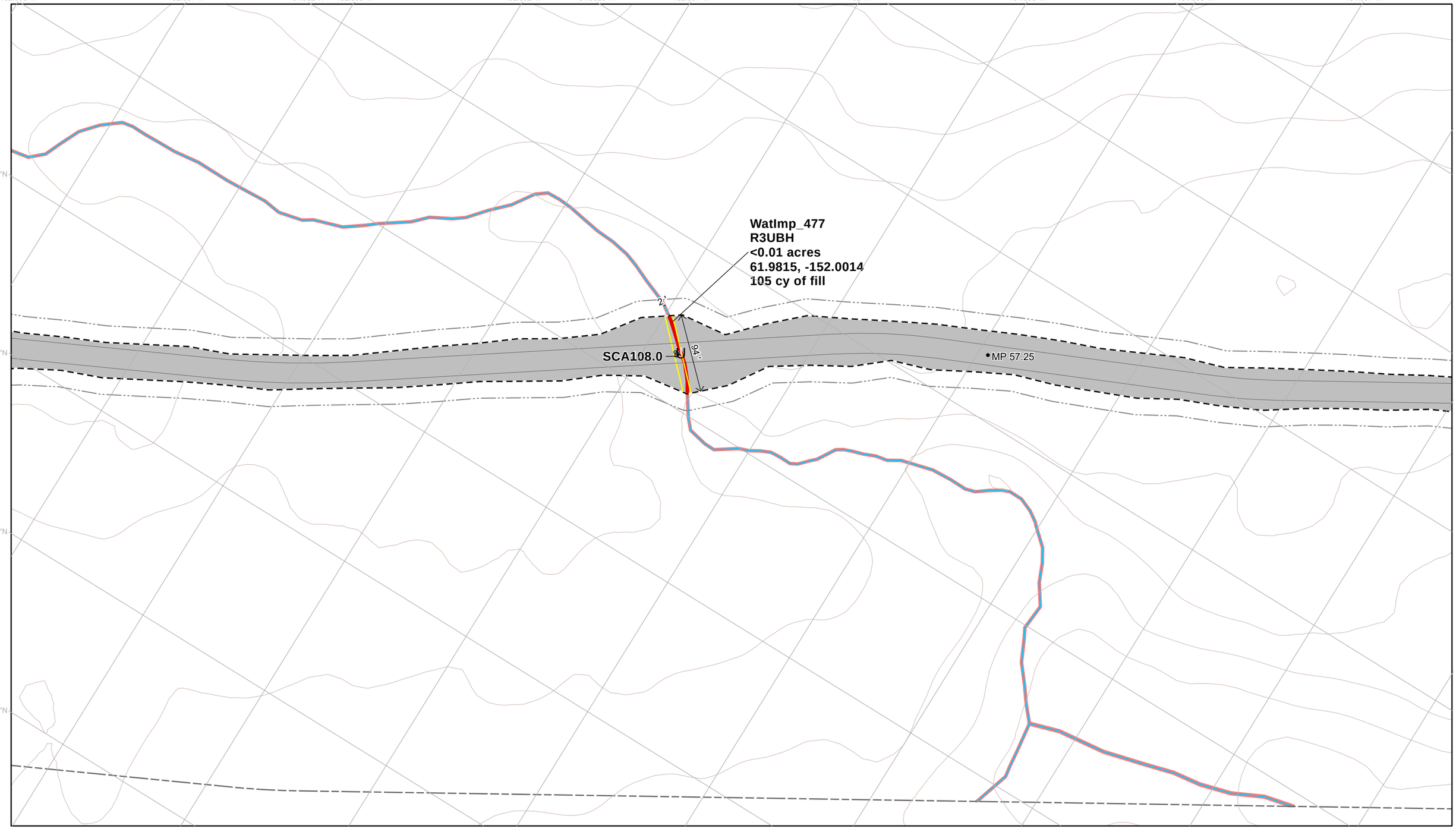
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

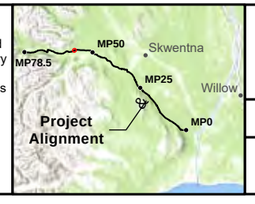
DATE: **JULY 2025**

FIGURE NO. **I-066**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

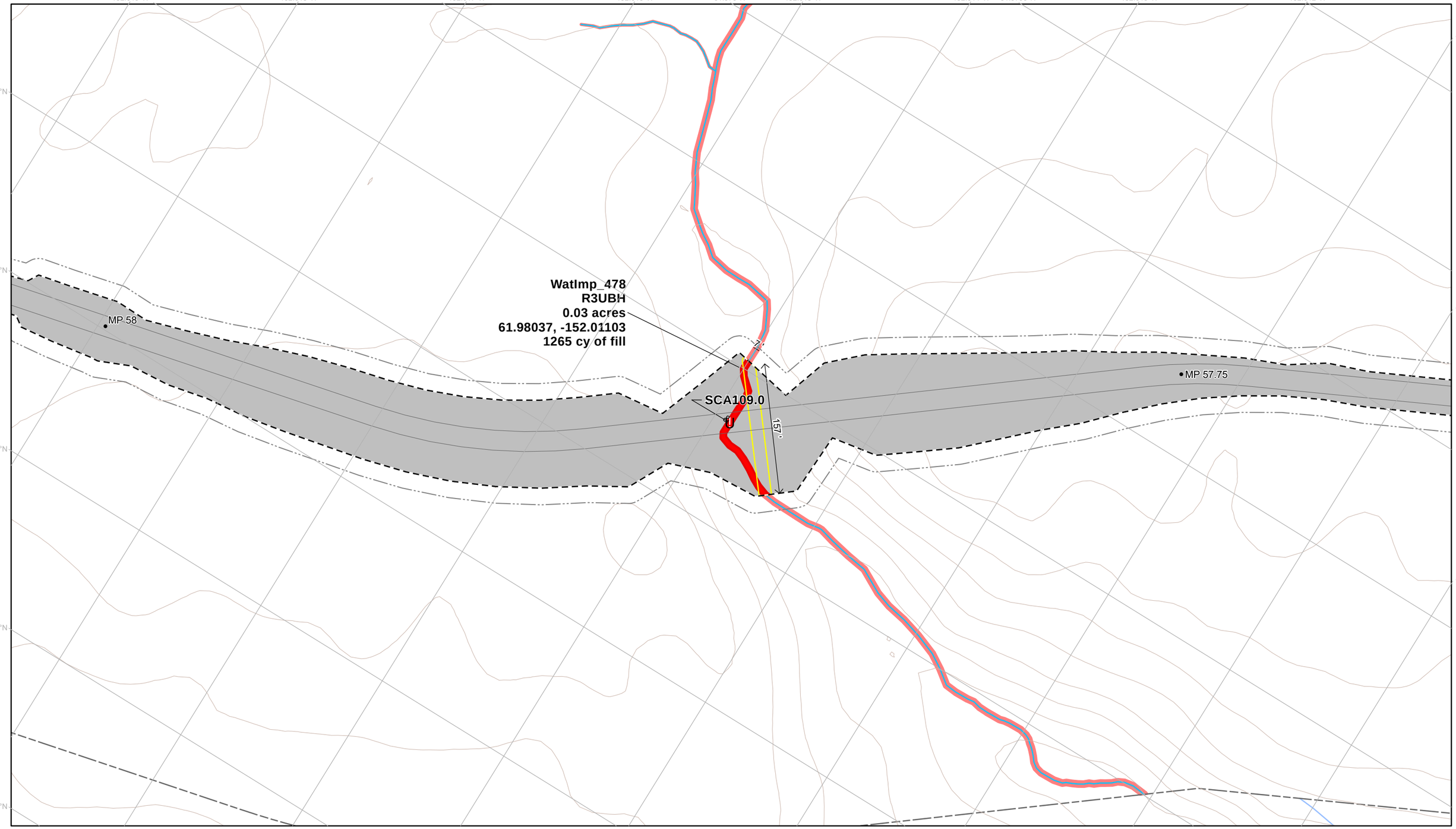
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

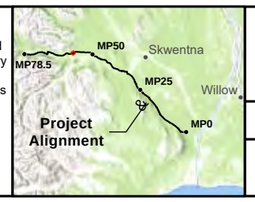
DATE: **JULY 2025**

FIGURE NO. **I-067**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
USGS Stream (outside mapping limits)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

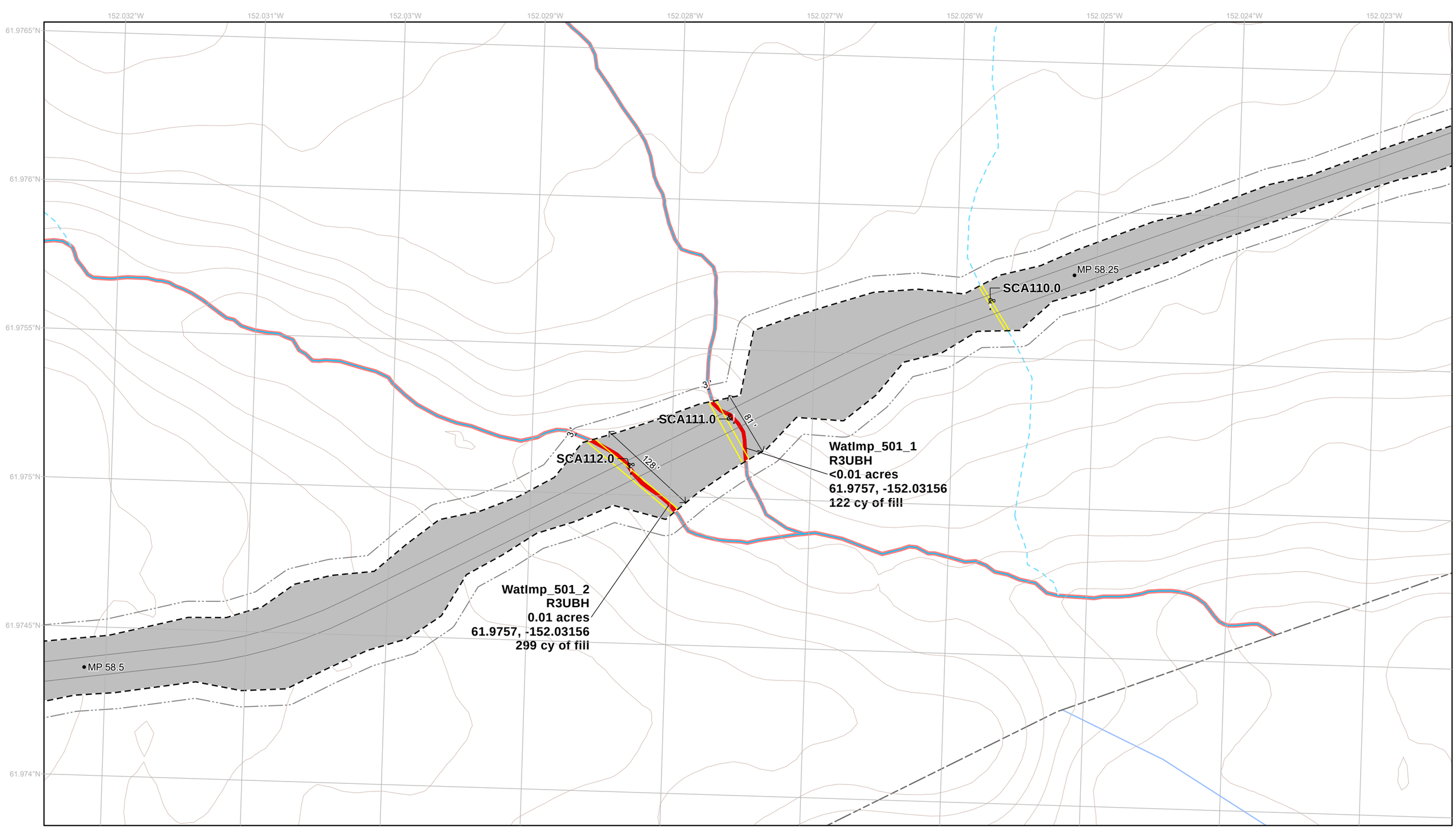
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

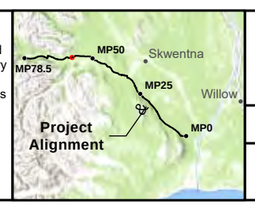
DATE: **JULY 2025**

FIGURE NO. **I-068**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- USGS Stream (outside mapping limits)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Intermittent Mapped Stream
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

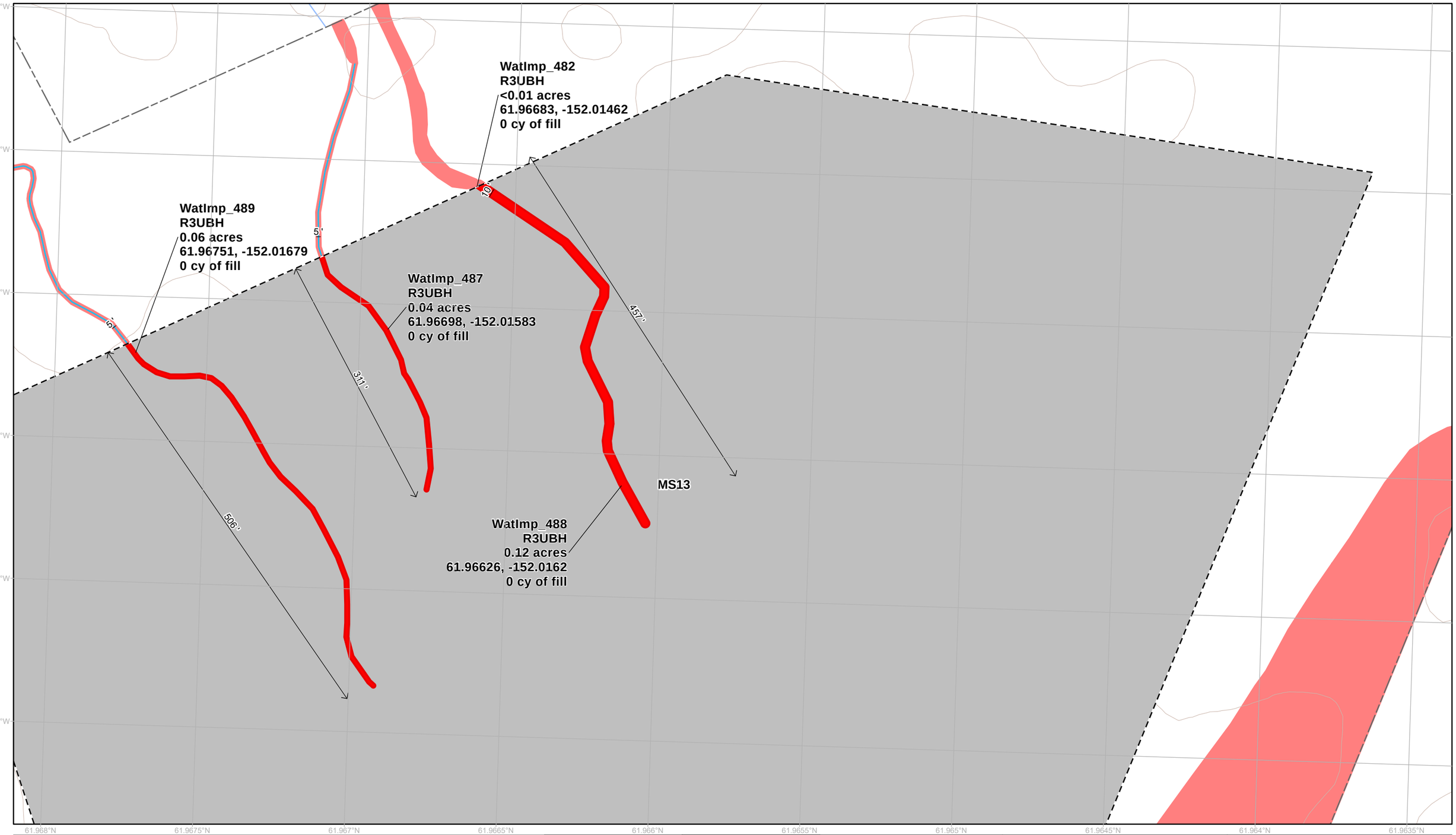
APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: SUSITNA RIVER WATERSHED	FILE NO. POA-XXX-XXXX

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

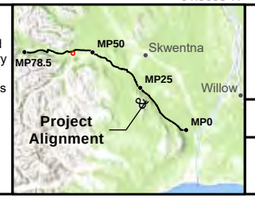
DATE: **JULY 2025**

FIGURE NO. **I-069**



- Permanent Disturbance Limit
- Project Design Detail Feature
- 10' Contour (existing)
- USGS Stream (outside mapping limits)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



N 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

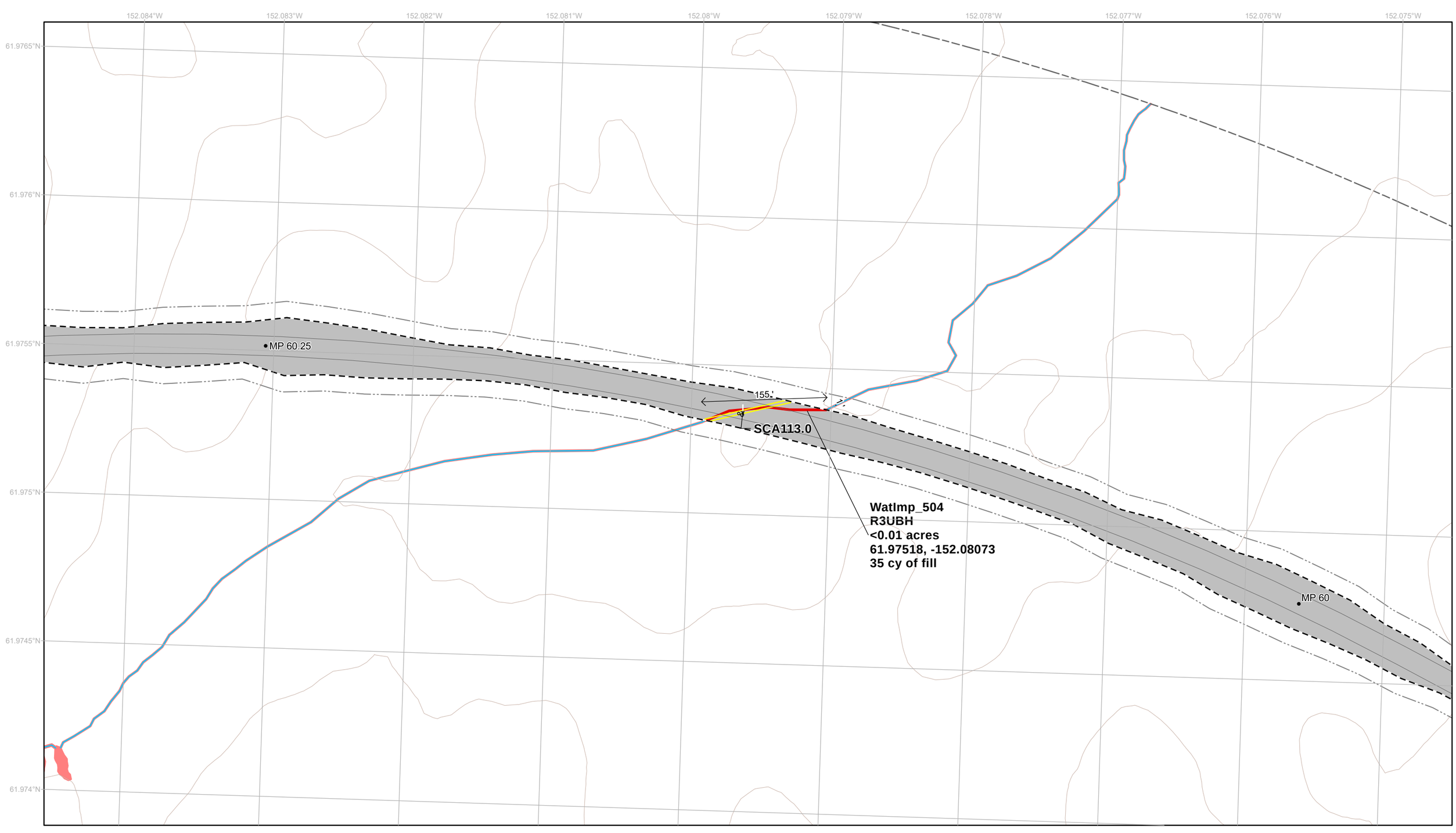
APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: SUSITNA RIVER WATERSHED	FILE NO. POA-XXX-XXXX

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

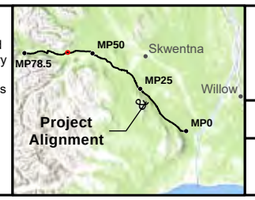
DATE: **JULY 2025**

FIGURE NO. **I-070**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

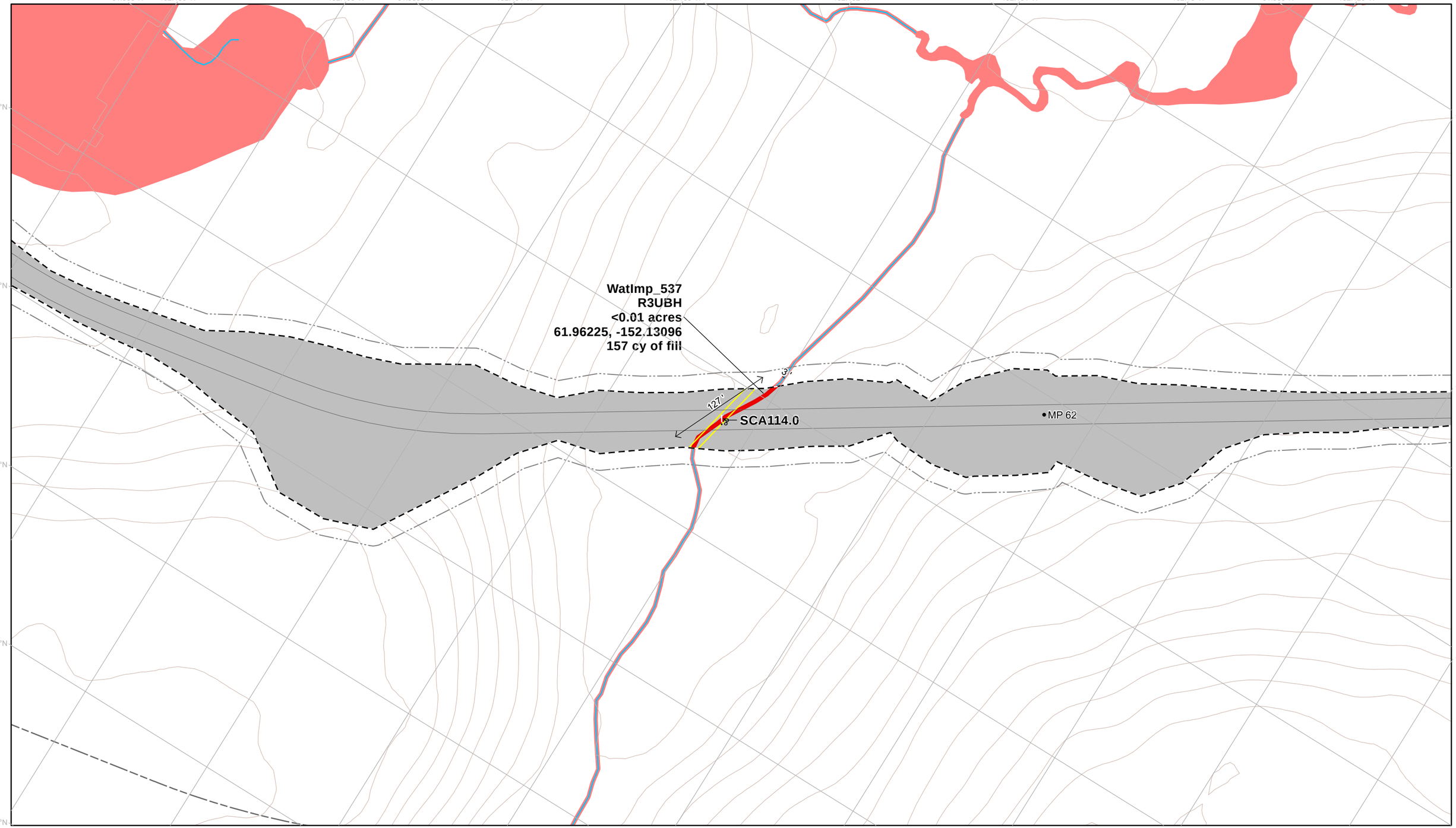
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

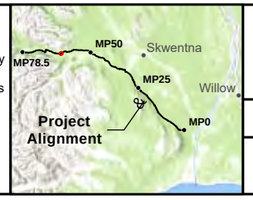
DATE: **JULY 2025**

FIGURE NO. **I-071**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Stream Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

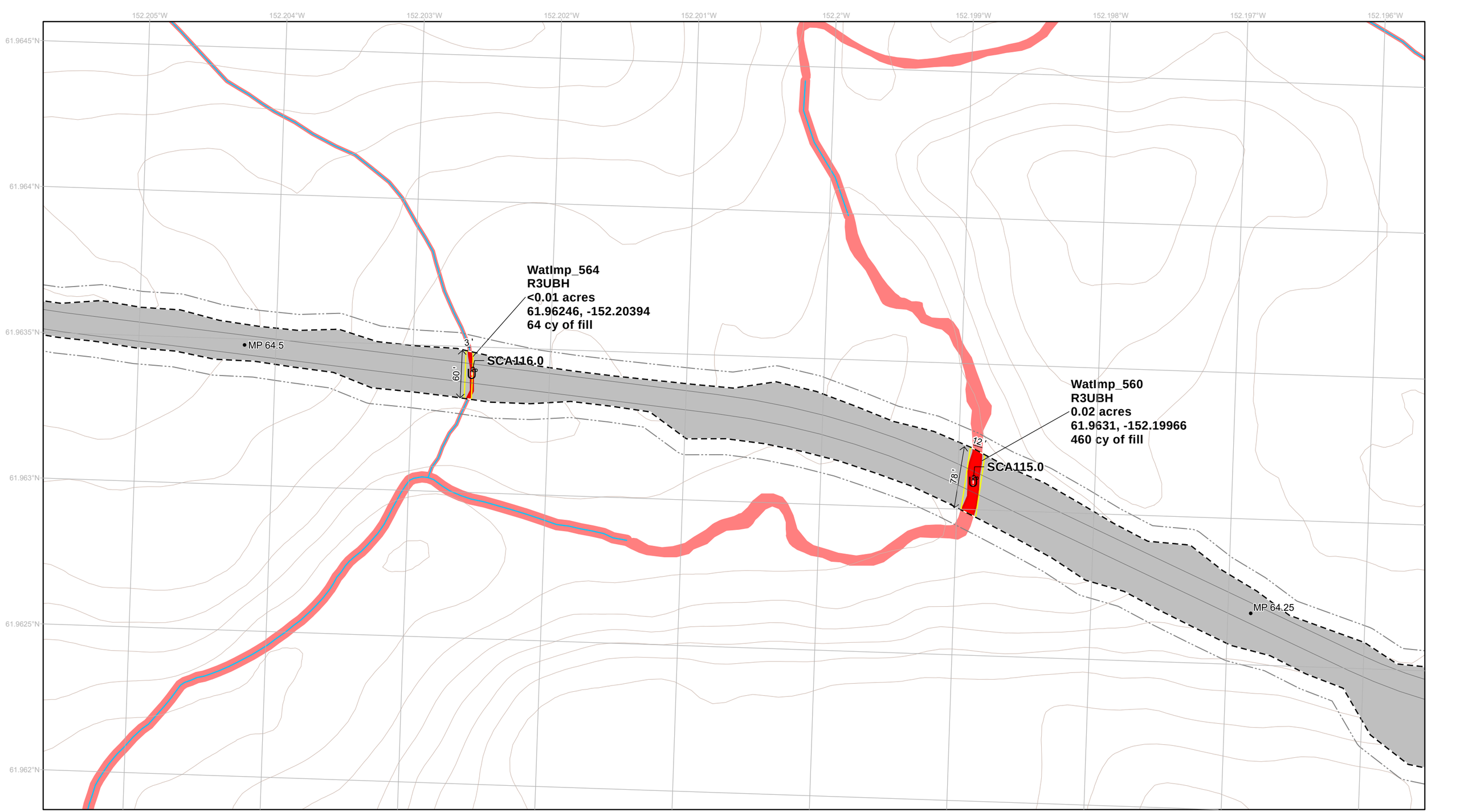
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

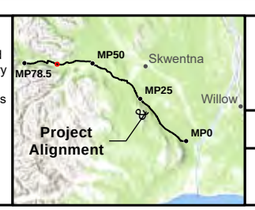
DATE: **JULY 2025**

FIGURE NO. **I-072**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

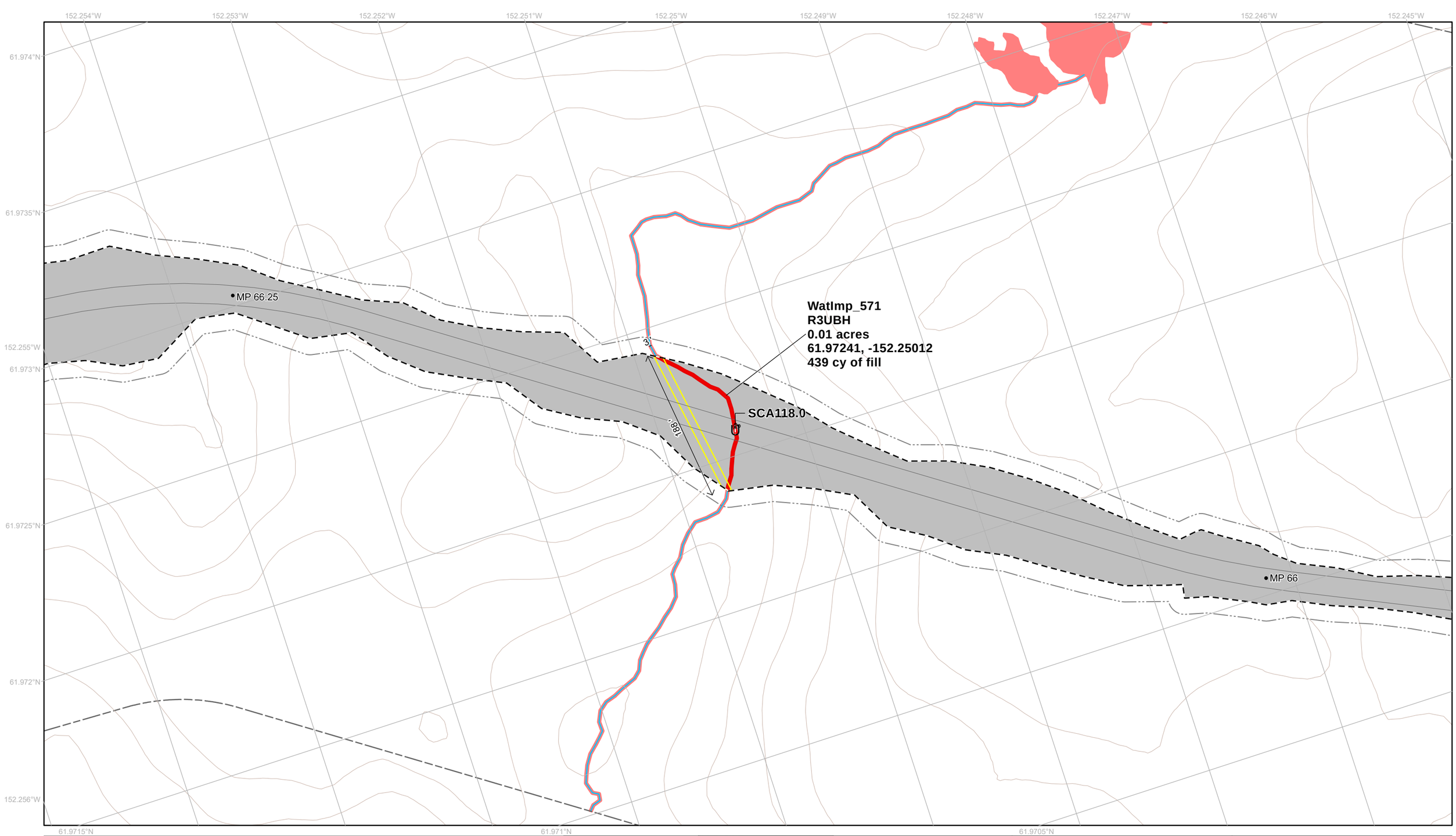
APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: SUSITNA RIVER WATERSHED	FILE NO. POA-XXX-XXXX

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

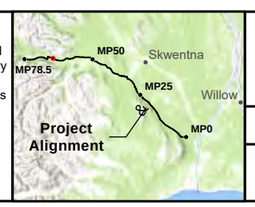
DATE: **JULY 2025**

FIGURE NO. **I-073**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- U Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



N 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

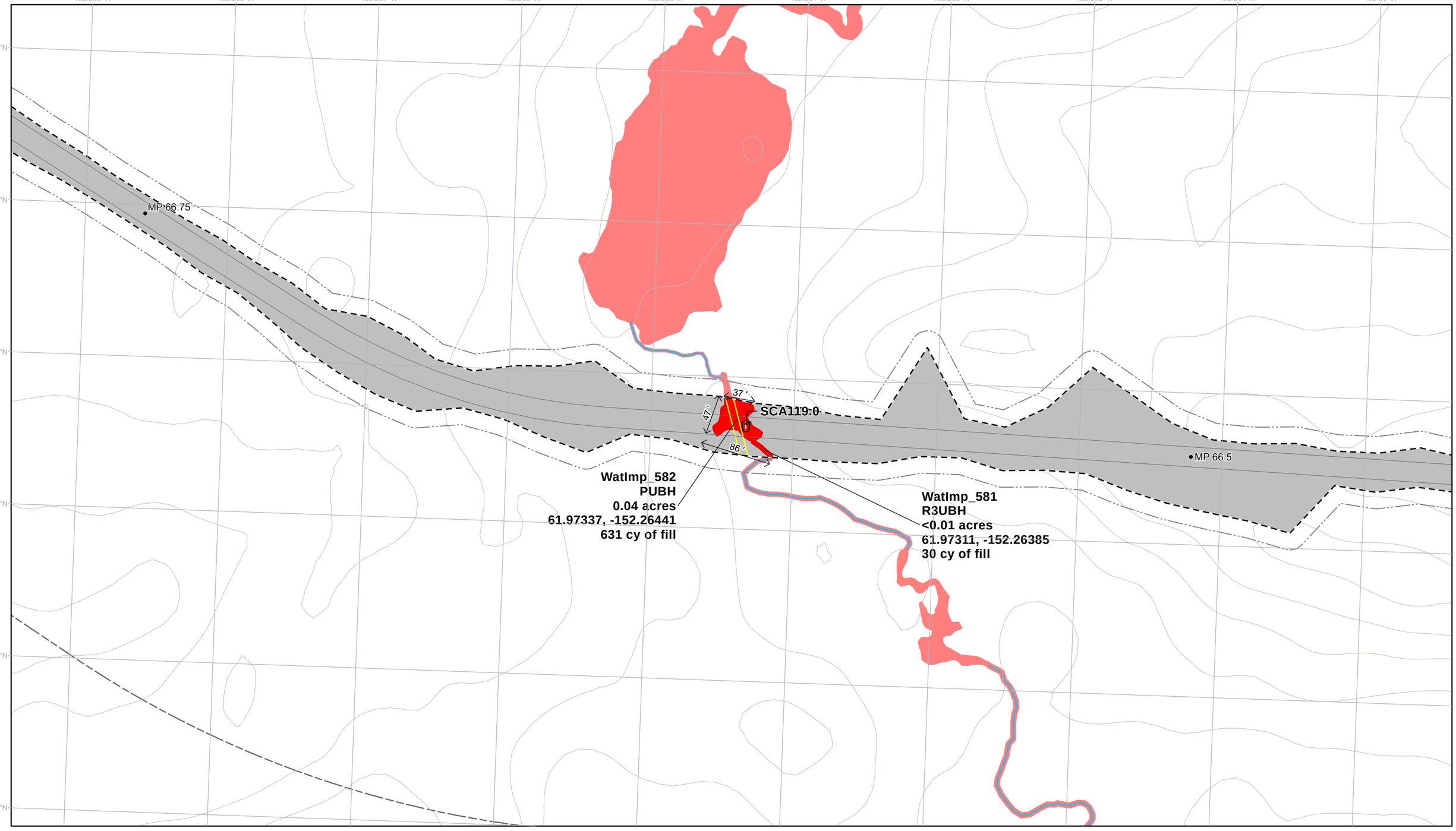
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

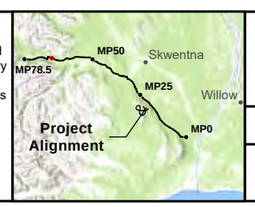
DATE: **JULY 2025**

FIGURE NO. **I-074**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

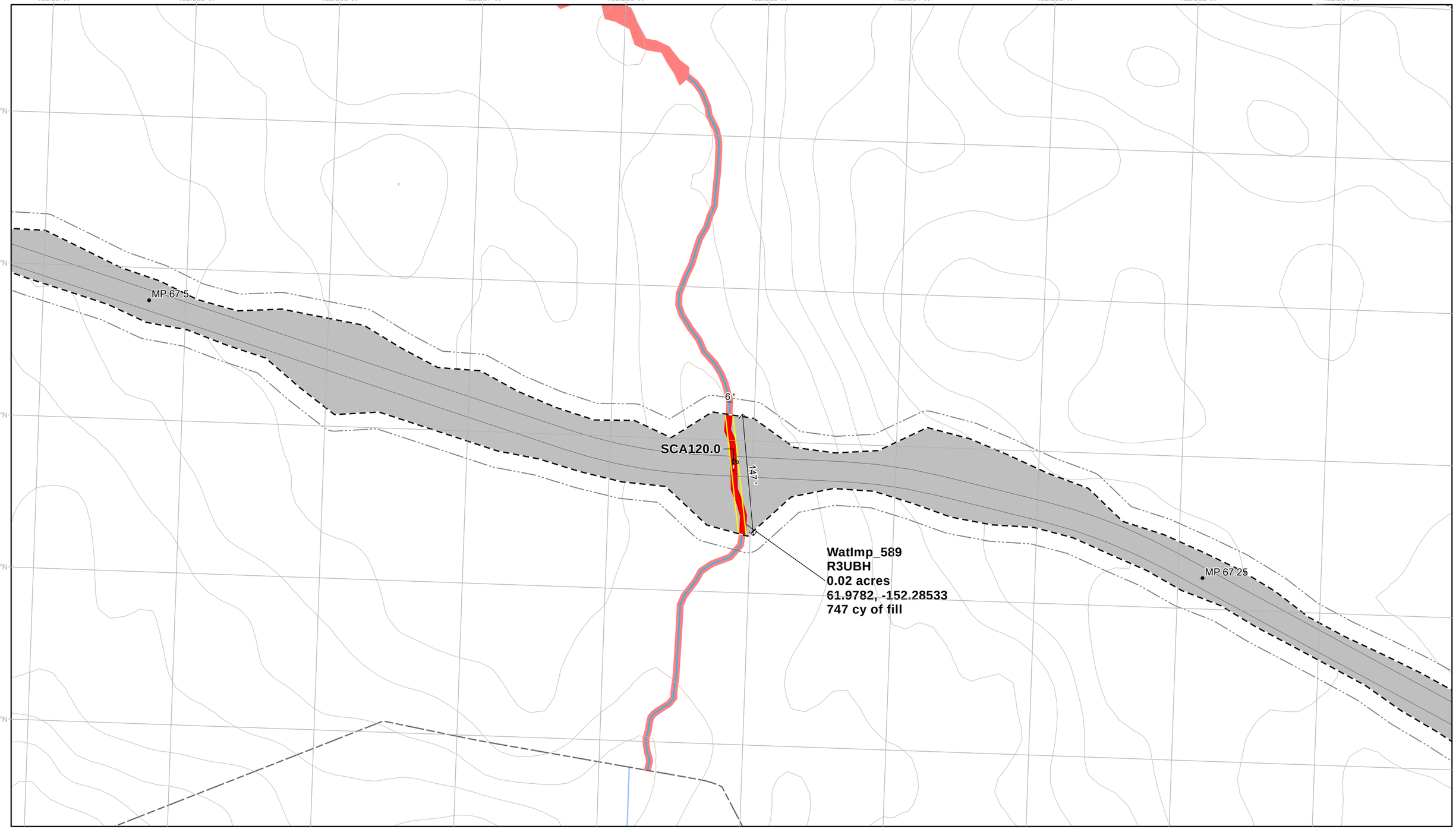
APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: SUSITNA RIVER WATERSHED	FILE NO. POA-XXX-XXXX

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

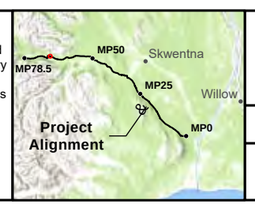
DATE: **JULY 2025**

FIGURE NO. **I-075**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Stream Culvert
Culvert Boundary
10' Contour (existing)
USGS Stream (outside mapping limits)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

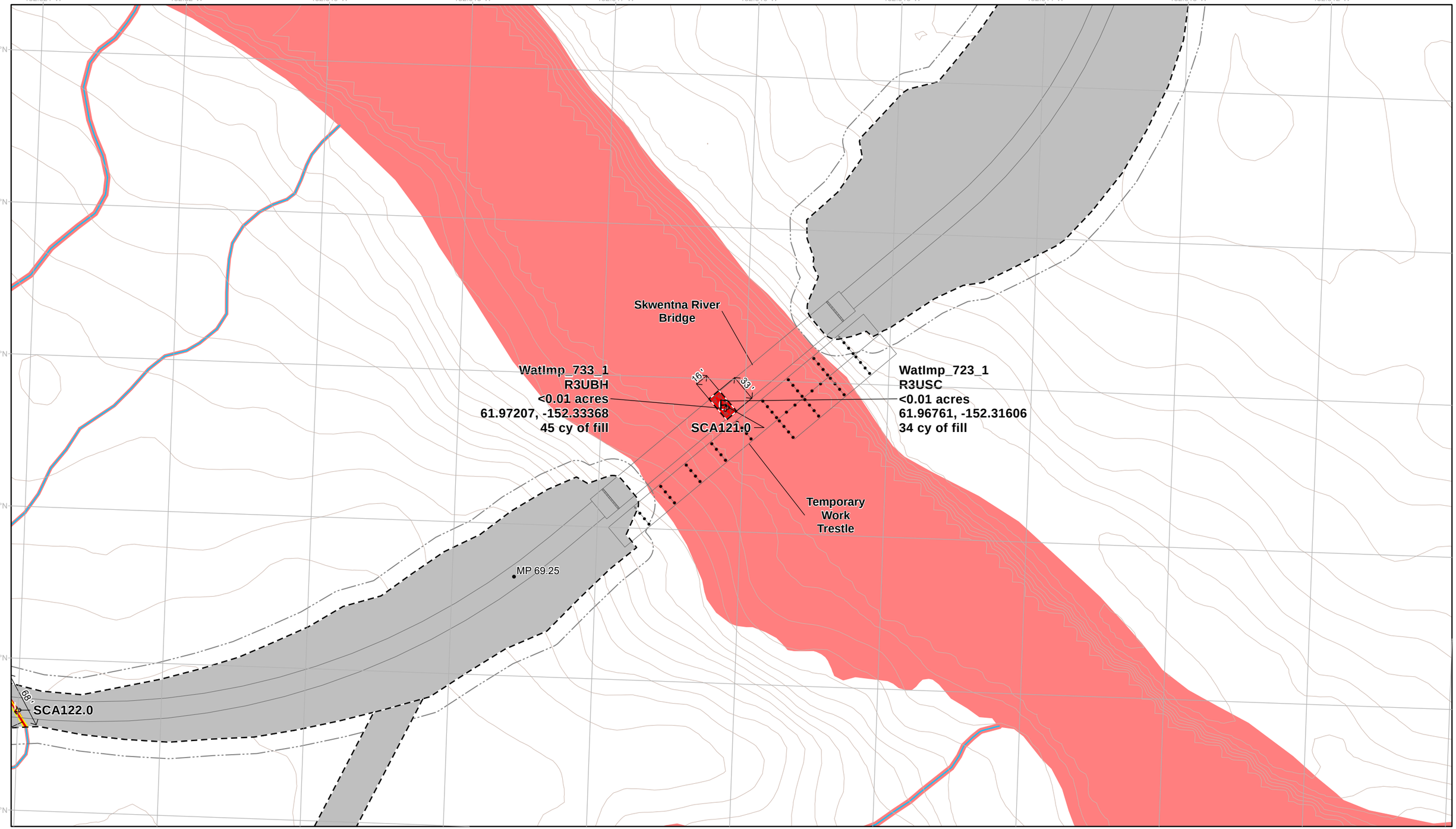
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

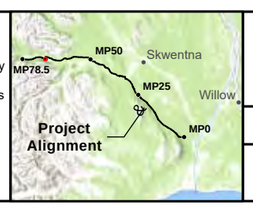
DATE: **JULY 2025**

FIGURE NO. **I-076**



- Permanent Disturbance Limit
- Temporary Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Bridge
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

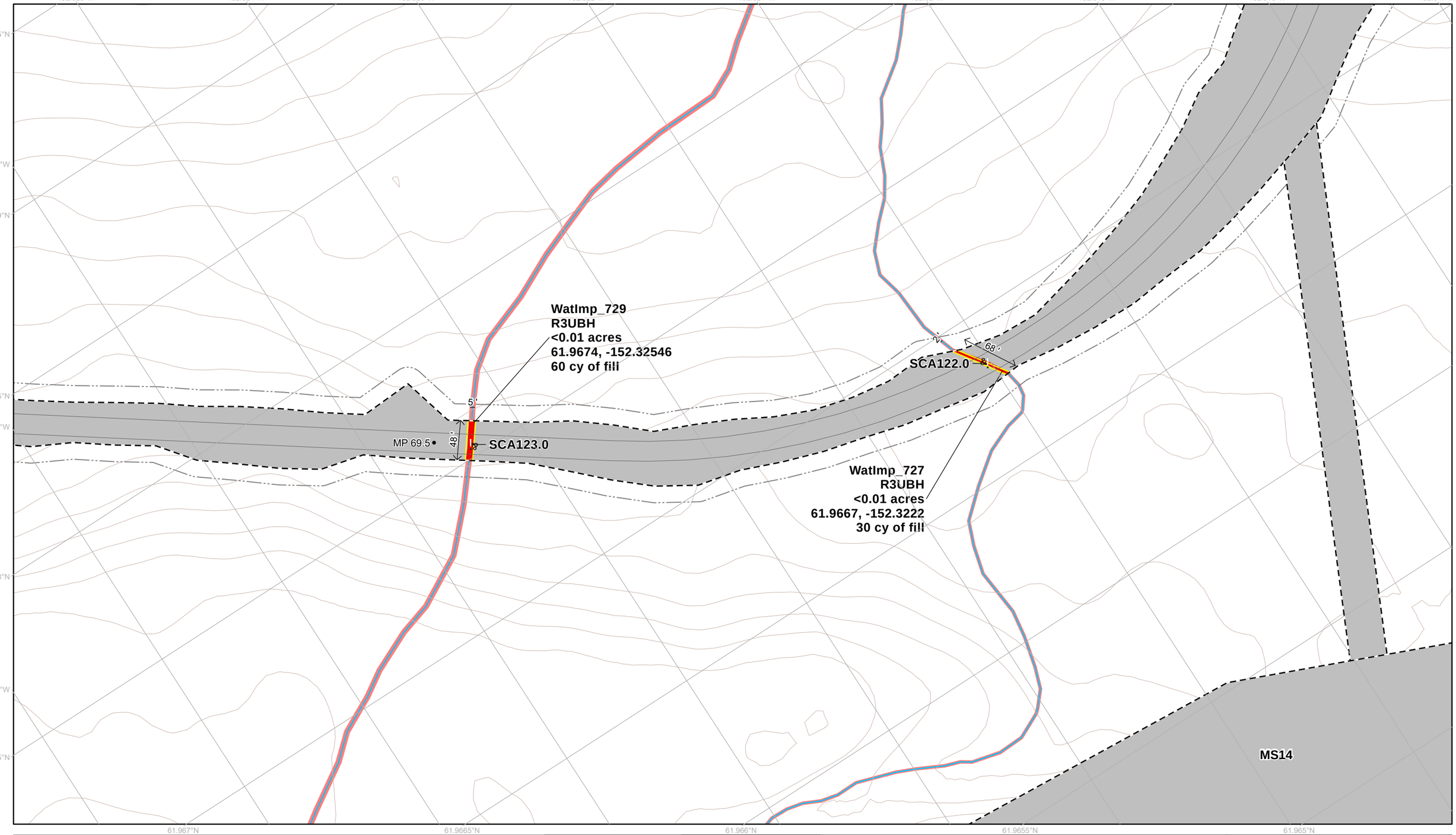
APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: SUSITNA RIVER WATERSHED	FILE NO. POA-XXX-XXXX

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

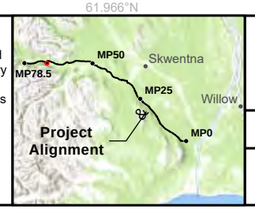
DATE: **JULY 2025**

FIGURE NO. **I-077**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

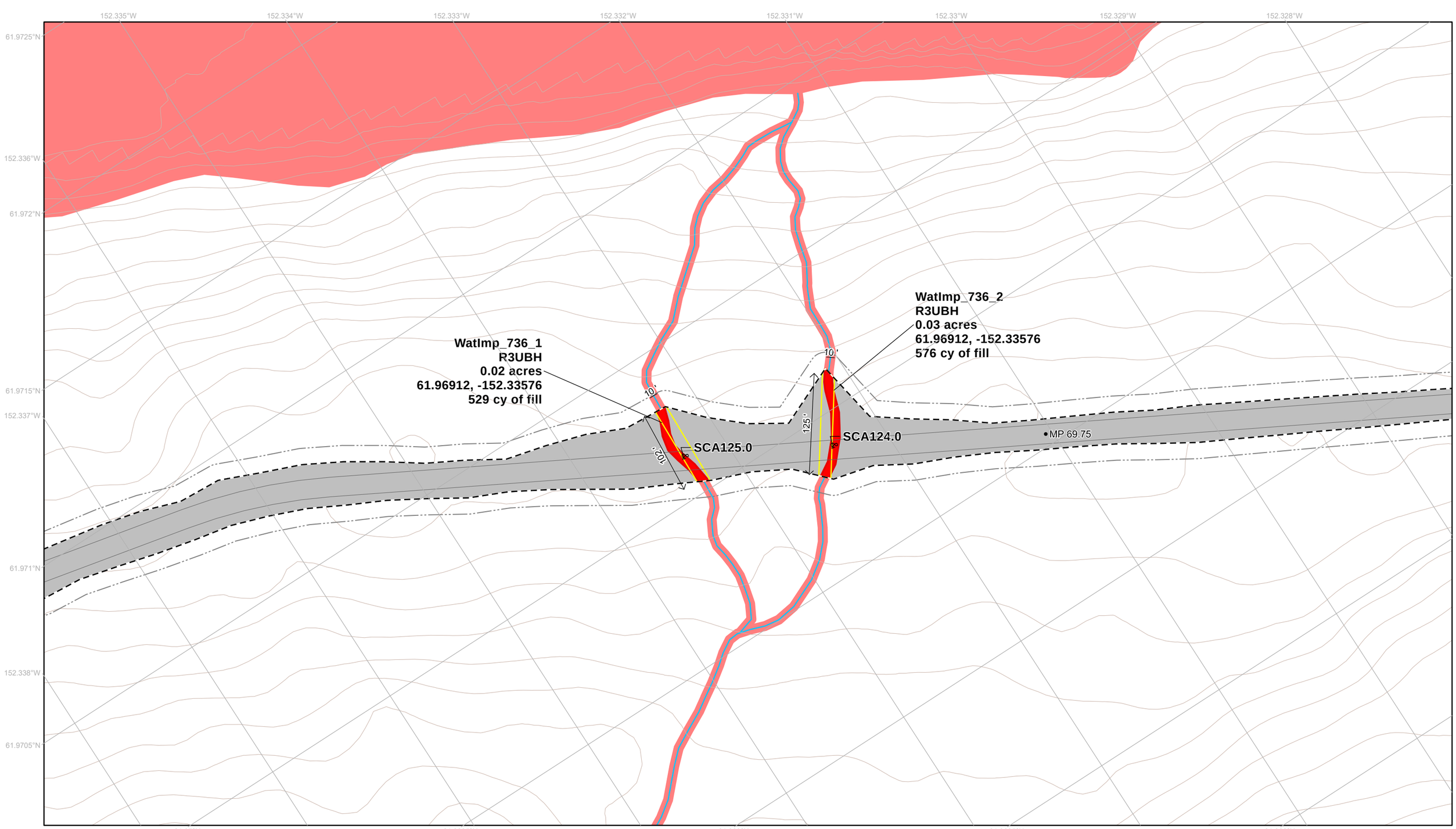
APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: SUSITNA RIVER WATERSHED	FILE NO. POA-XXX-XXXX

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

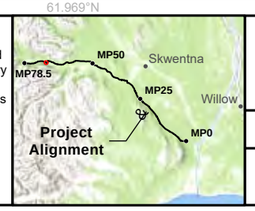
DATE: **JULY 2025**

FIGURE NO. **I-078**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT:	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: SUSITNA RIVER WATERSHED	FILE NO. POA-XXX-XXXX

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-079**

152.359°W 152.358°W 152.357°W 152.356°W 152.355°W 152.354°W 152.353°W 152.352°W 152.351°W 152.35°W 152.349°W

61.975°N

61.9745°N

61.974°N

61.9735°N

61.973°N

WatImp_763
R3UBH
<0.01 acres
61.97344, -152.3603
10 cy of fill

61'

U SCA129.0

MP 70.5

53'

U SCA128.0

WatImp_742
R3UBH
<0.01 acres
61.97279, -152.35175
33 cy of fill

50'

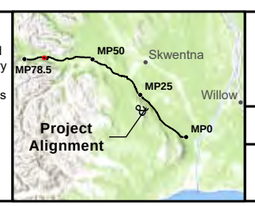
U SCA127.0

WatImp_751
R3UBH
<0.01 acres
61.97249, -152.3558
18 cy of fill

U SCA126.0

- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- U Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Intermittent Mapped Stream
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-080**

152.392°W 152.391°W 152.39°W 152.389°W 152.388°W 152.387°W 152.386°W 152.385°W 152.384°W 152.383°W

61.9775°N

61.977°N

61.9765°N

61.976°N

61.9755°N

MP 71.75

SCA133.0

Chickak River Bridge

54'

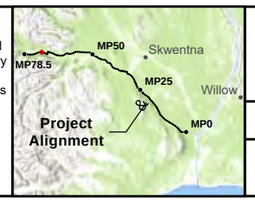
28'

WatImp_781_1
R3USC
0.03 acres
61.97763, -152.38723
347 cy of fill

Temporary Work Trestle

- Permanent Disturbance Limit
- Temporary Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- F Bridge
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-081**

152.462°W 61.968°N 152.461°W 152.46°W 61.9685°N 152.459°W 152.458°W 61.969°N 152.457°W 152.456°W 61.9695°N 152.455°W 152.454°W

61.9675°N

61.967°N

61.9665°N

61.966°N

61.9655°N

152.453°W

152.452°W

MS15

WatImp_831
R3UBH
0.02 acres
61.9672, -152.45754
597 cy of fill

211°

SCA139.0

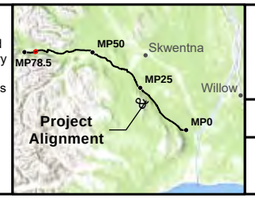
MP 74.25

MP 74

SCA138.0

Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Stream Culvert
Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Intermittent Mapped Stream
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

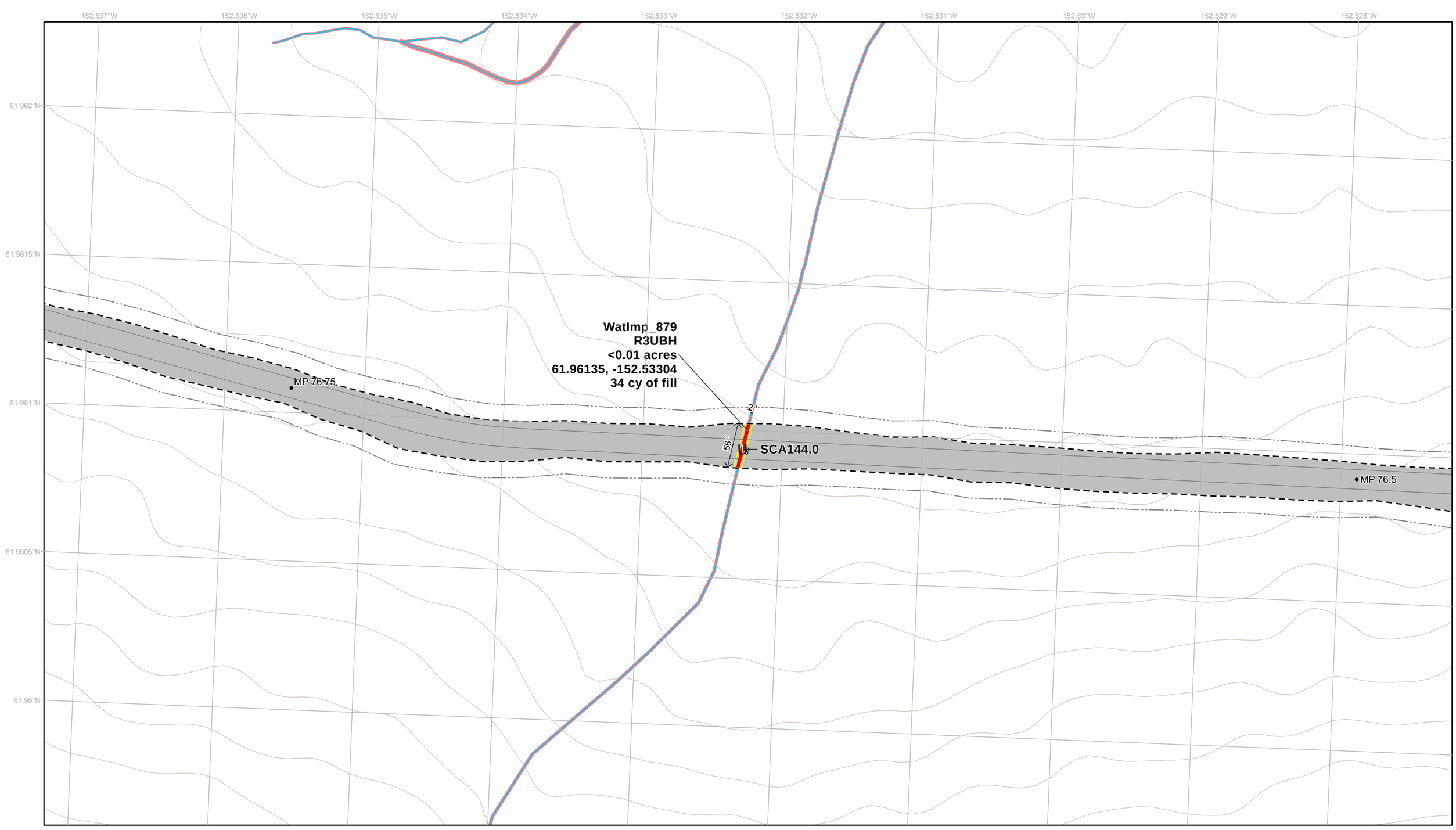
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

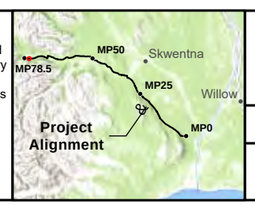
DATE: **JULY 2025**

FIGURE NO. **I-082**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- U Fish Passage Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

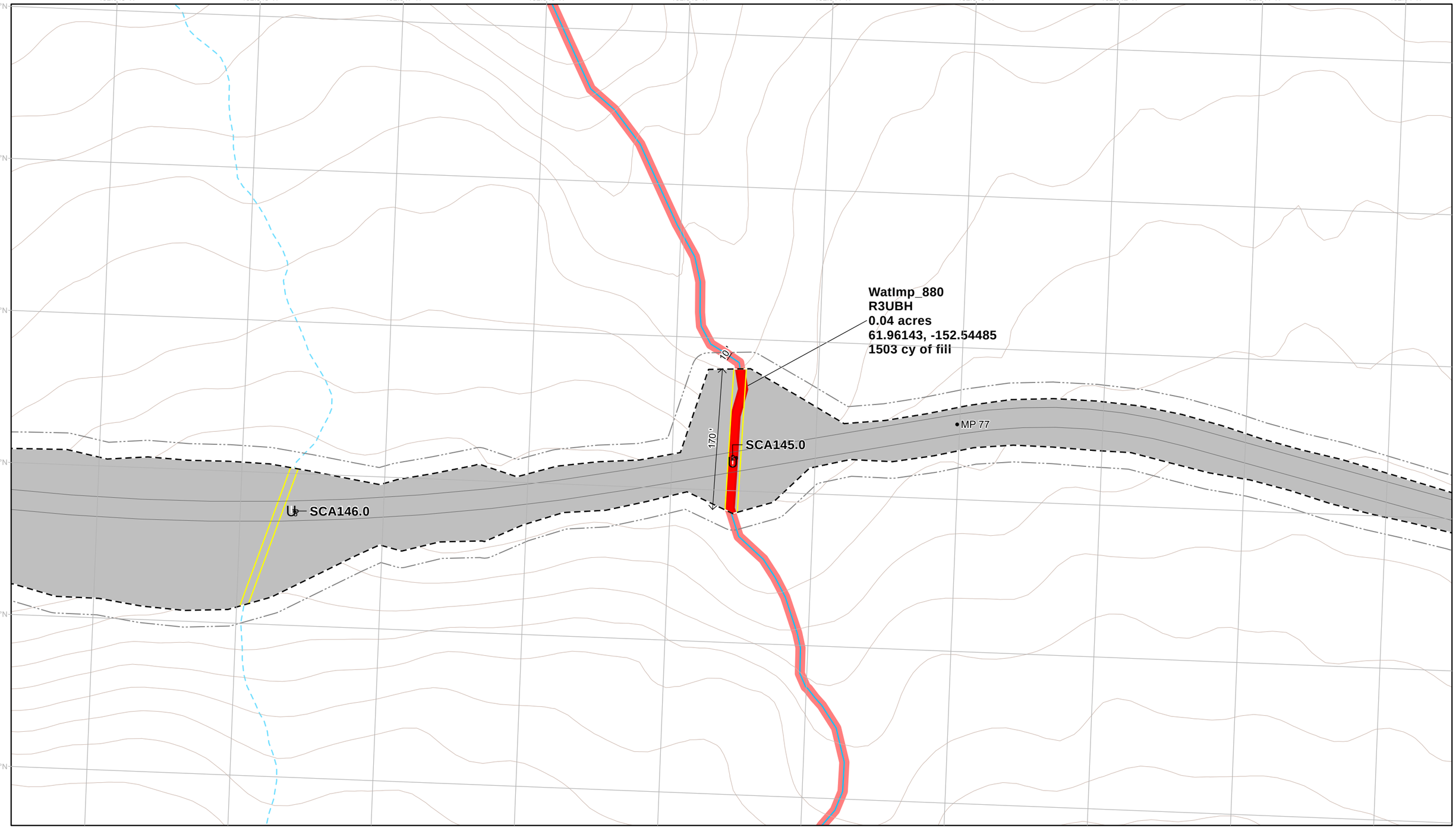
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

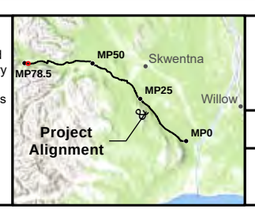
DATE: **JULY 2025**

FIGURE NO. **I-083**



Permanent Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
Fish Passage Culvert
Culvert Boundary
10' Contour (existing)
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Intermittent Mapped Stream
Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

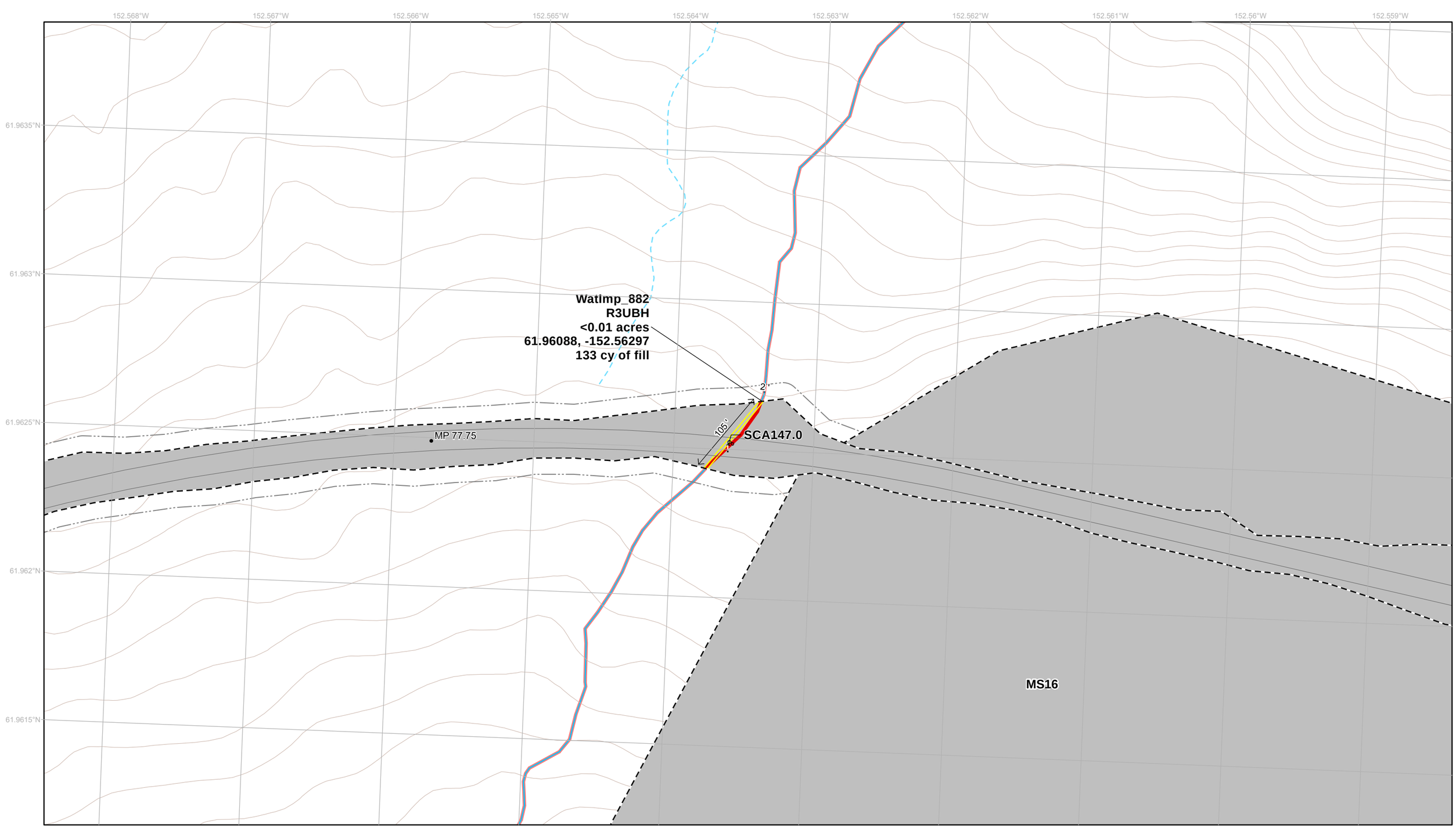
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

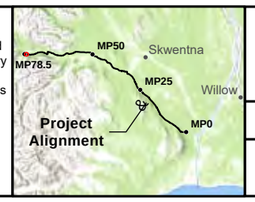
DATE: **JULY 2025**

FIGURE NO. **I-084**



- Permanent Disturbance Limit
- Project Milepost
- Project Design Detail Feature
- Potential Vegetation Clearing Limit
- Stream Culvert
- Culvert Boundary
- 10' Contour (existing)
- Wetland Mapping Limit
- Jurisdictional Wetland and Water Impact
- Jurisdictional Wetland and Water
- Intermittent Mapped Stream
- Perennial Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

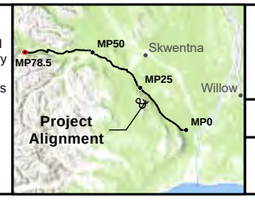
FIGURE NO. **I-085**



Permanent Disturbance Limit
Temporary Disturbance Limit
Project Milepost
Project Design Detail Feature
Potential Vegetation Clearing Limit
F Bridge

10' Contour (existing)
Existing Infrastructure
Wetland Mapping Limit
Jurisdictional Wetland and Water Impact
Jurisdictional Wetland and Water
Intermittent Mapped Stream

NOTES
1. Erosion and stormwater control measures and stabilization of disturbed areas will be implemented as necessary and in accordance with best practices
2. Unique wetland and water impact IDs correspond to values in ORM table
3. See Appendix C for additional information on culverts and culvert impacts



Z 0 40 80 120 Feet

1:1,300

NAD 1983 State Plane Alaska Zone 4

WEST SUSITNA ACCESS

APPLICANT: **ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

LAT., LONG. OF PROJECT: **VARIES**

PROPOSED ACTIVITY: **ROAD CONSTRUCTION**

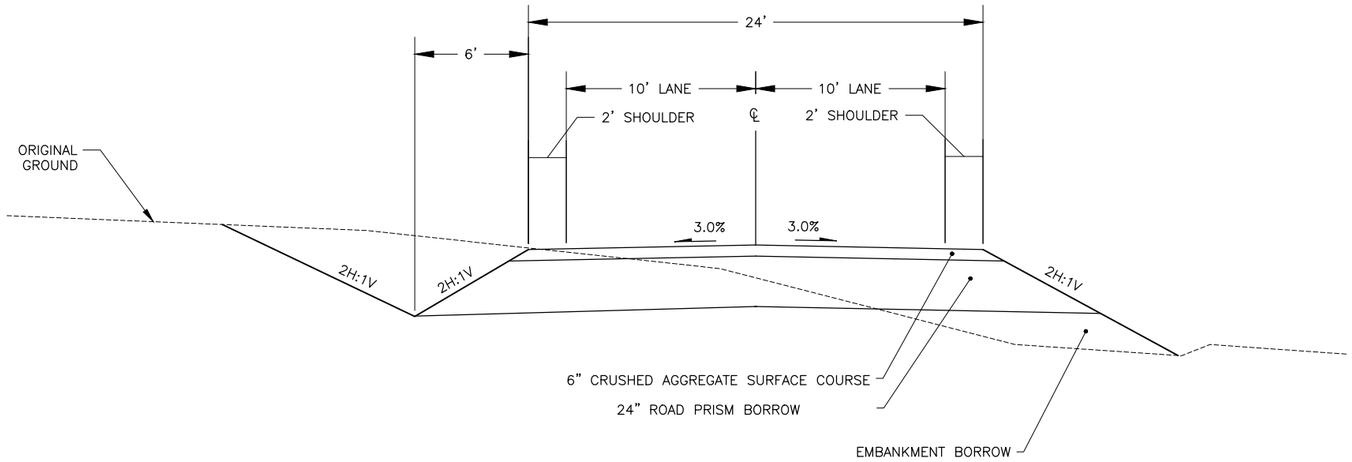
WATERWAY: **SUSITNA RIVER WATERSHED**

FILE NO. **POA-XXX-XXXX**

DRAWING TITLE: **WOTUS IMPACTS DETAIL**

DATE: **JULY 2025**

FIGURE NO. **I-086**

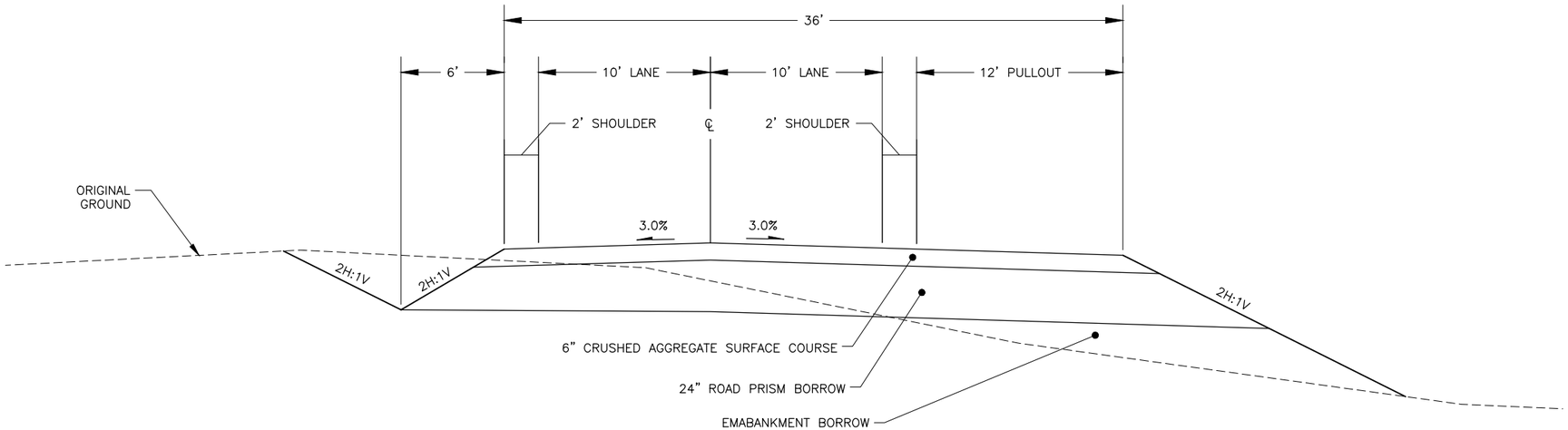


NOTES:

1. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.

WEST SUSITNA ACCESS ROAD TYPICAL SECTION

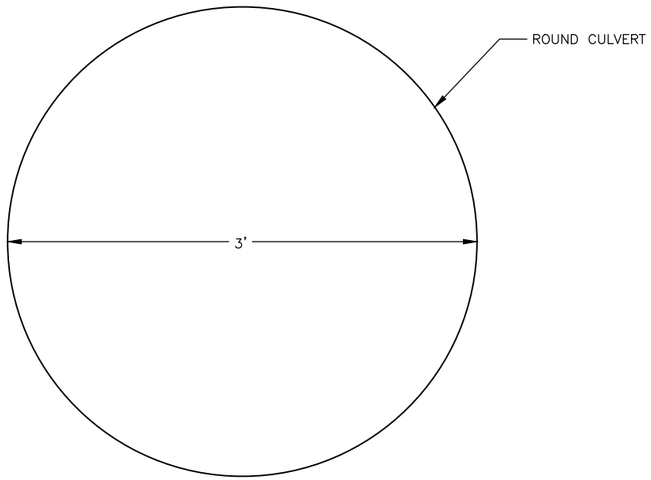
NTS



WEST SUSITNA ACCESS ROAD WITH PULLOUT TYPICAL SECTION

NTS

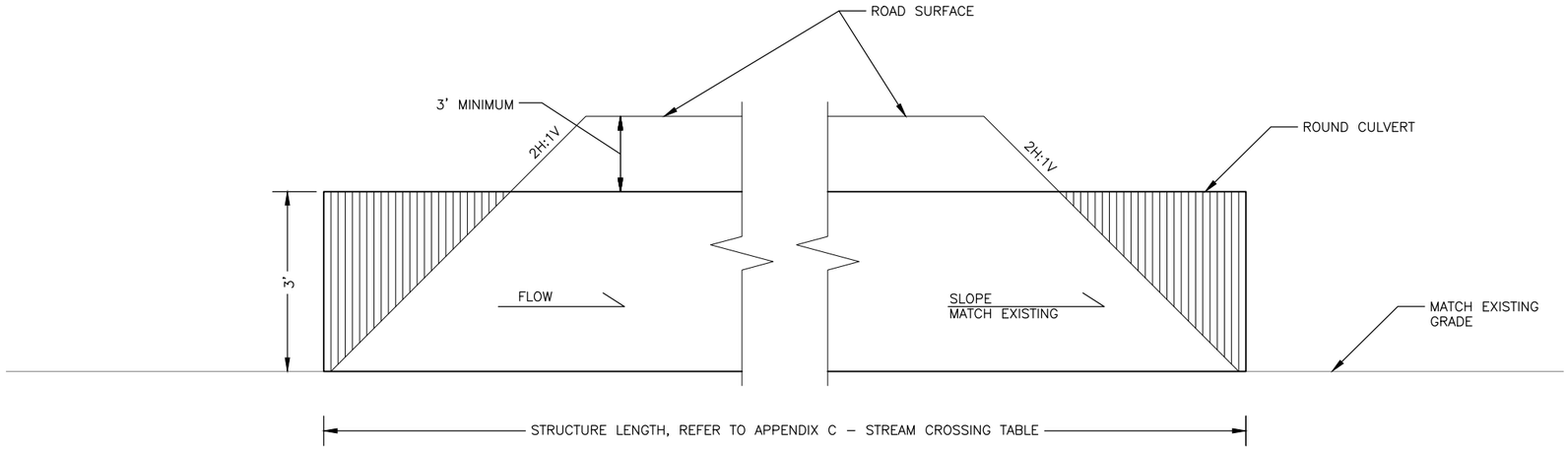
WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: ROAD DESIGN TYPICAL SECTIONS	
LAT., LONG.	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY:	FILE NO. POA	DATE: JULY 2025	FIGURE NO. **RX-001**



TYPICAL SECTION
NOT TO SCALE

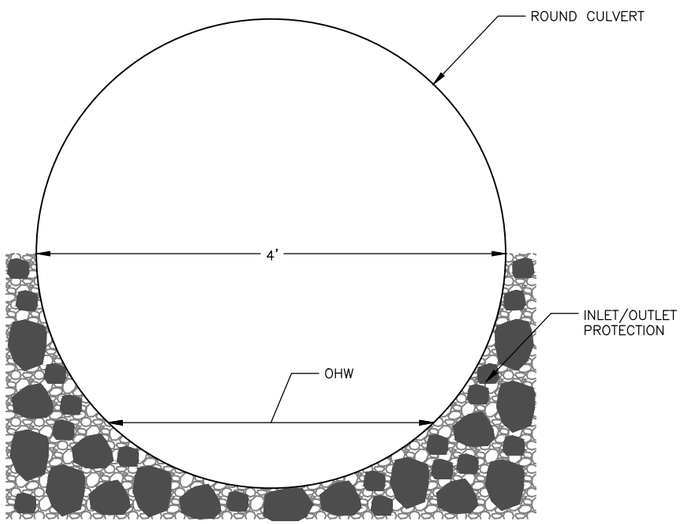
NOTES:

1. CATEGORY 1 CULVERTS SHALL BE INSTALLED AS NEEDED DURING ROAD CONSTRUCTION FOR CROSS DRAINAGE. CATEGORY 1 CULVERTS SHALL NOT BE USED ON MAPPED STREAMS.
2. CULVERTS SHALL SPAN ENTIRE TOE OF FILL WIDTH.
3. DIAMETER SHALL BE 3'.
4. MINIMUM COVER WILL BE DETERMINED BASED ON EQUIPMENT LOADING AND CULVERT DESIGN.
5. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.

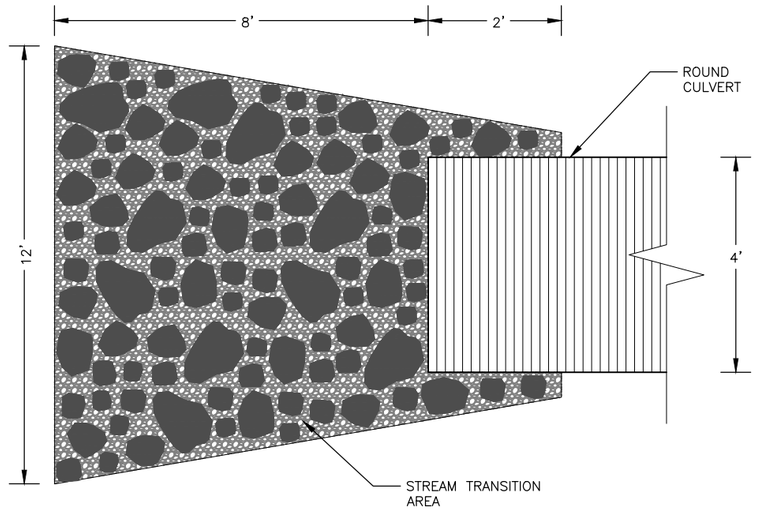


TYPICAL PROFILE
NOT TO SCALE

WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: CATEGORY 1 CULVERT	
LAT., LONG.: VARIES	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY: VARIES	FILE NO.: POA	DATE: JULY 2025	FIGURE NO.: **CX-001**



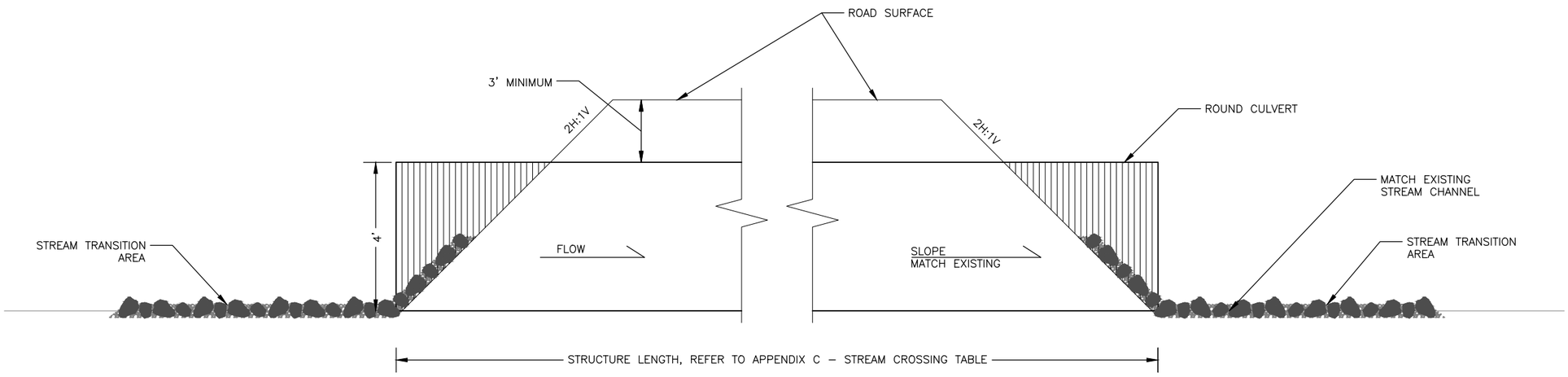
TYPICAL SECTION
NOT TO SCALE



TYPICAL INLET/OUTLET PROTECTION - PLAN VIEW
NOT TO SCALE

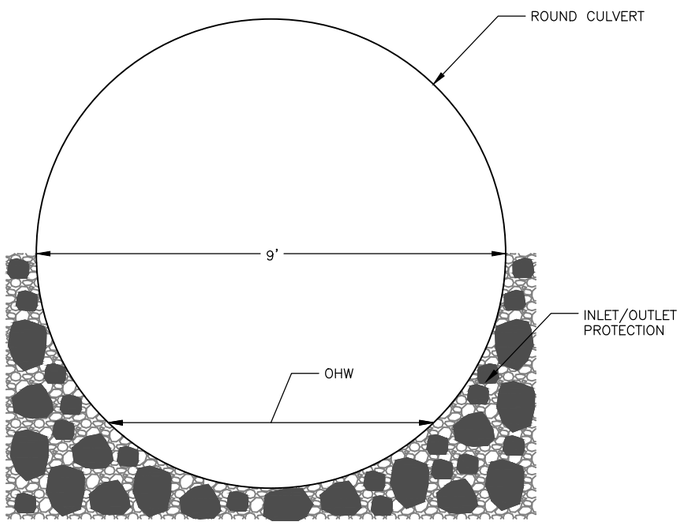
NOTES:

1. CATEGORY 2 CULVERTS SHALL BE INSTALLED ON MAPPED STREAMS THAT HAVE A STREAM WIDTH OF UP TO 2' AT THE ORDINARY HIGH WATERMARK (OHW).
2. CULVERTS SHALL SPAN ENTIRE TOE OF FILL WIDTH.
3. DIAMETER SHALL BE 4'.
4. STREAM IMPACT AREA EQUALS STREAM WIDTH TIMES CULVERT LENGTH PLUS THE AREA ASSOCIATED WITH INLET/OUTLET PROTECTION.
5. STREAM BED SLOPE THROUGH CULVERT SHALL MATCH STREAM SLOPE TO MAXIMUM EXTENT PRACTICABLE.
6. MINIMUM COVER WILL BE DETERMINED BASED ON EQUIPMENT LOADING AND CULVERT DESIGN.
7. STREAM TRANSITION AREA AND BUOYANCY PROTECTION SHALL BE CONSTRUCTED PER ALASKA DOT HIGHWAY DRAINAGE MANUAL.
8. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.

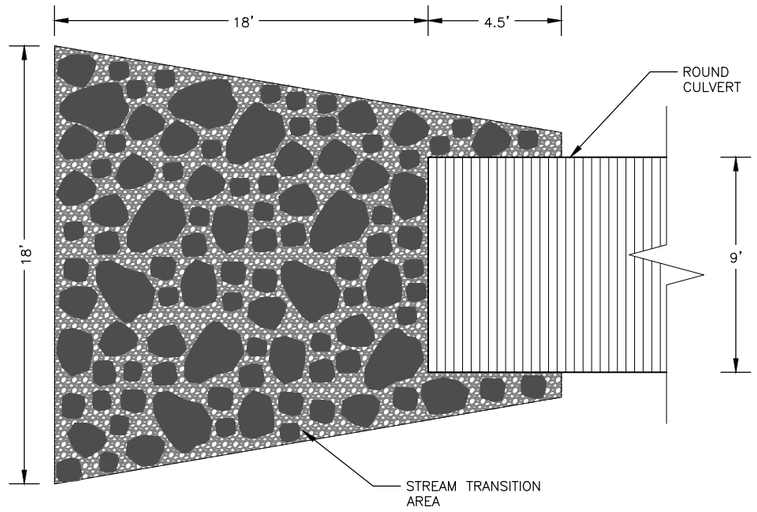


TYPICAL PROFILE
NOT TO SCALE

WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: CATEGORY 2 CULVERT	
LAT., LONG.: VARIES	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY: VARIES	FILE NO.: POA	DATE: JULY 2025	FIGURE NO.: CX-002



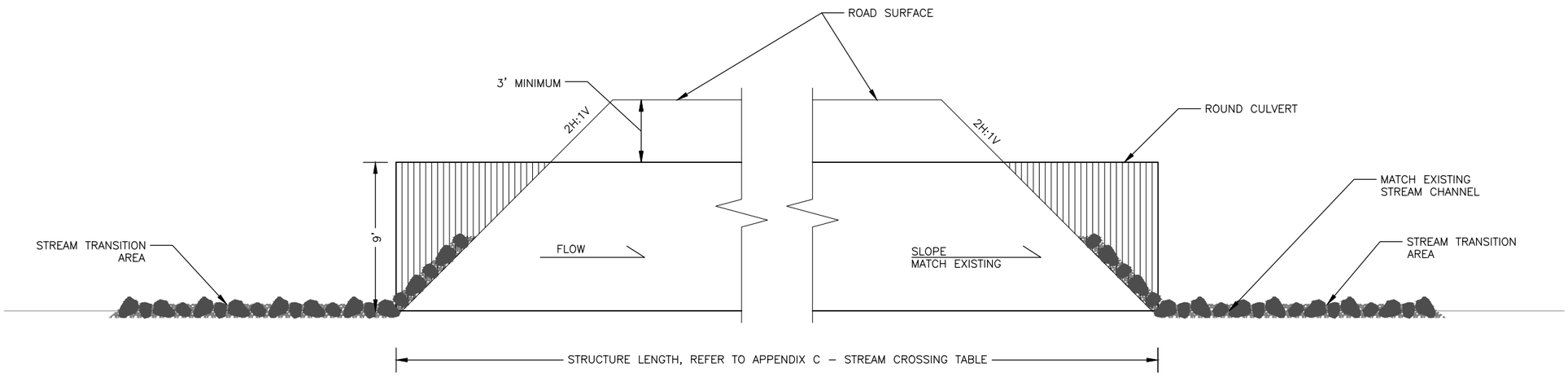
TYPICAL SECTION
NOT TO SCALE



TYPICAL INLET/OUTLET PROTECTION - PLAN VIEW
NOT TO SCALE

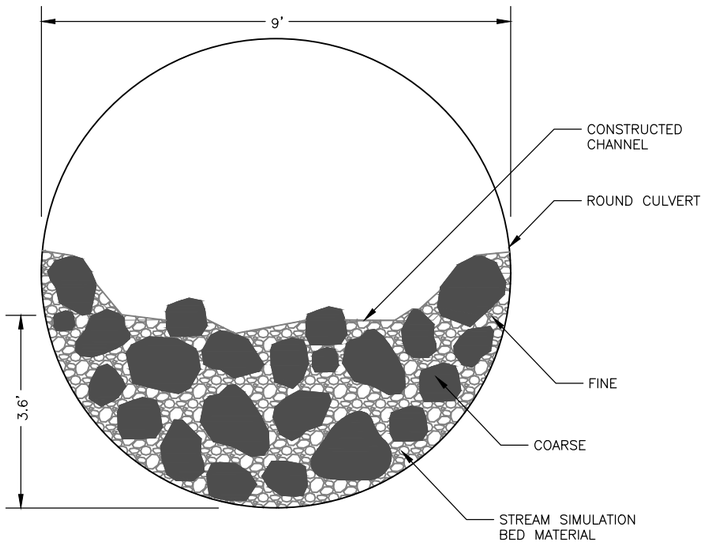
NOTES:

1. CATEGORY 3 CULVERTS SHALL BE INSTALLED ON MAPPED STREAMS THAT HAVE A STREAM WIDTH GREATER THAN 2' TO 6' AT THE ORDINARY HIGH WATERMARK (OHW).
2. CULVERTS SHALL SPAN ENTIRE TOE OF FILL WIDTH.
3. DIAMETER SHALL BE 9'.
4. STREAM IMPACT AREA EQUALS STREAM WIDTH TIMES CULVERT LENGTH PLUS THE AREA ASSOCIATED WITH INLET/OUTLET PROTECTION.
5. STREAM BED SLOPE THROUGH CULVERT SHALL MATCH STREAM SLOPE TO MAXIMUM EXTENT PRACTICABLE.
6. MINIMUM COVER WILL BE DETERMINED BASED ON EQUIPMENT LOADING AND CULVERT DESIGN.
7. STREAM TRANSITION AREA AND BUOYANCY PROTECTION SHALL BE CONSTRUCTED PER ALASKA DOT HIGHWAY DRAINAGE MANUAL.
8. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.

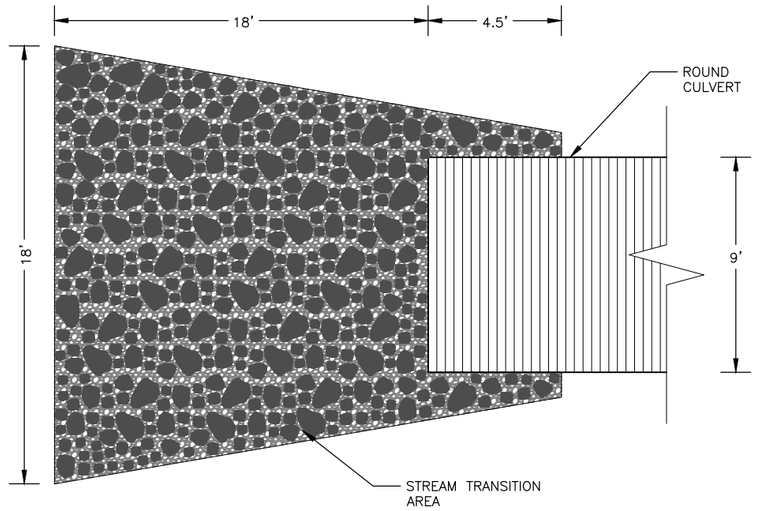


TYPICAL PROFILE
NOT TO SCALE

WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: CATEGORY 3 CULVERT	
LAT., LONG.: VARIES	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY: VARIES	FILE NO.: POA	DATE: JULY 2025	FIGURE NO.: CX-003



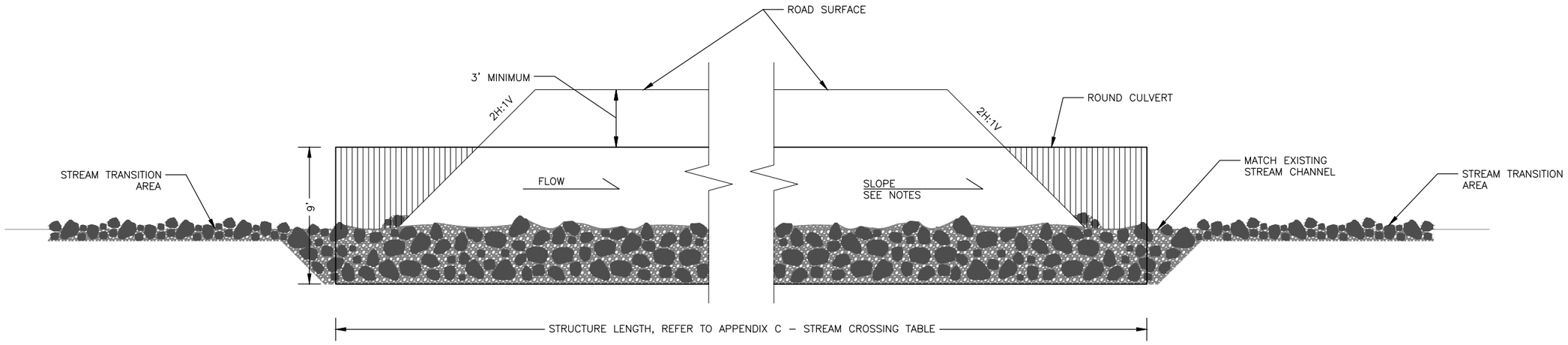
TYPICAL SECTION
NOT TO SCALE



TYPICAL INLET/OUTLET PROTECTION - PLAN VIEW
NOT TO SCALE

NOTES:

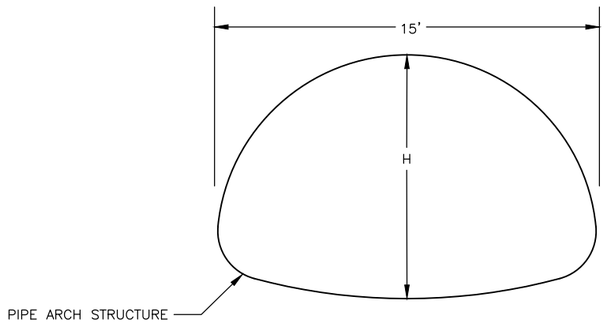
1. CATEGORY 4 CULVERTS SHALL BE INSTALLED IN MAPPED STREAMS WHERE FISH PASSAGE IS REQUIRED AND THAT HAVE A STREAM WIDTH UP TO 6' AT THE ORDINARY HIGH WATERMARK (OHW).
2. CULVERTS SHALL SPAN ENTIRE TOE OF FILL WIDTH.
3. DIAMETER SHALL BE 9'. EMBEDMENT SHALL BE EQUAL TO 0.4*D.
4. STREAM IMPACT AREA EQUALS STREAM WIDTH TIMES CULVERT LENGTH PLUS THE AREA ASSOCIATED WITH INLET/OUTLET PROTECTION.
5. STREAM BED SLOPE THROUGH CULVERT SHALL MATCH CHANNEL BED SLOPE TO MAXIMUM EXTENT PRACTICABLE, BUT NO GREATER THAN CHANNEL BED SLOPE ±1%.
6. MINIMUM COVER WILL BE DETERMINED BASED ON EQUIPMENT LOADING AND CULVERT DESIGN.
7. SUBSTRATE DESIGNED PER MEMORANDUM OF AGREEMENT STREAM SIMULATION DESIGN REQUIREMENTS.
8. CONSTRUCTED CHANNEL INSIDE CULVERT TO HAVE DIMENSIONS SIMILAR TO ADJACENT CHANNEL REACHES.
9. STREAM TRANSITION AREA SIZE PER USFWS *CULVERT DESIGN GUIDELINES FOR ECOLOGICAL FUNCTION*, REVISION 9, 2024.
10. BUOYANCY PROTECTION SHALL BE CONSTRUCTED PER ALASKA DOT HIGHWAY DRAINAGE MANUAL.
11. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.



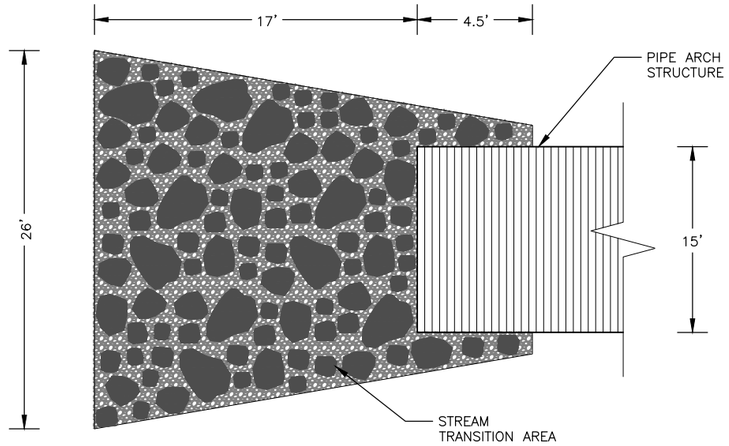
TYPICAL PROFILE
NOT TO SCALE

WEST SUSITNA ACCESS PROJECT
APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

LAT., LONG.	PROPOSED ACTIVITY:	DRAWING TITLE:	
VARIES	ROAD CONSTRUCTION	CATEGORY 4 CULVERT	
WATERWAY:	FILE NO.	DATE:	FIGURE NO.
VARIES	POA	JULY 2025	CX-004



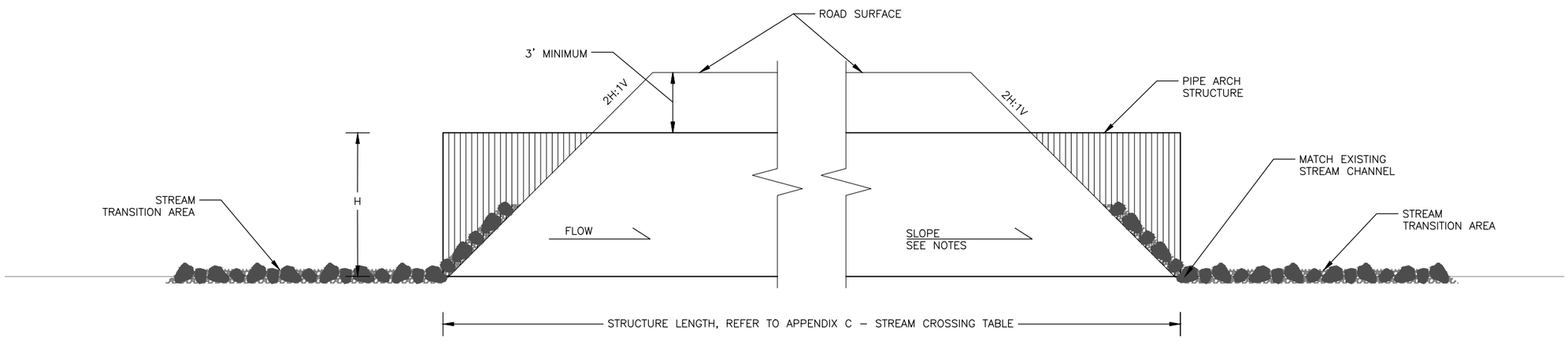
TYPICAL SECTION
NOT TO SCALE



TYPICAL INLET/OUTLET PROTECTION - PLAN VIEW
NOT TO SCALE

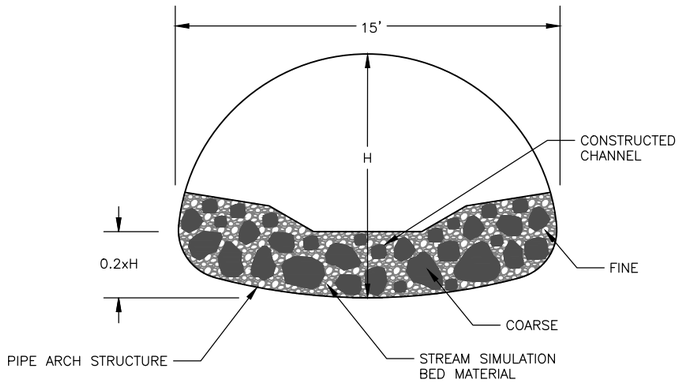
NOTES:

1. CATEGORY 5 STRUCTURES SHALL BE INSTALLED IN MAPPED STREAMS THAT HAVE A STREAM WIDTH BETWEEN 6' & 10' AT THE ORDINARY HIGH WATERMARK (OHW). CATEGORY 5 SHALL NOT BE USED FOR FISH PASSAGE.
2. STRUCTURES SHALL SPAN ENTIRE TOE OF FILL WIDTH.
3. STRUCTURE SHALL BE PIPE ARCH THAT IS 15' WIDE. STRUCTURE HEIGHT SHALL BE BASED ON MANUFACTURER STANDARD SIZING AND ALASKA DOT HIGHWAY DRAINAGE MANUAL.
4. STREAM IMPACT AREA EQUALS STREAM WIDTH TIMES STRUCTURE LENGTH.
5. STREAM BED SLOPE THROUGH STRUCTURE SHALL MATCH CHANNEL BED SLOPE TO MAXIMUM EXTENT PRACTICABLE.
6. MINIMUM COVER WILL BE DETERMINED BASED ON EQUIPMENT LOADING AND STRUCTURE DESIGN.
7. STREAM TRANSITION AREA AND BUOYANCY PROTECTION SHALL BE CONSTRUCTED PER ALASKA DOT HIGHWAY DRAINAGE MANUAL.
8. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.

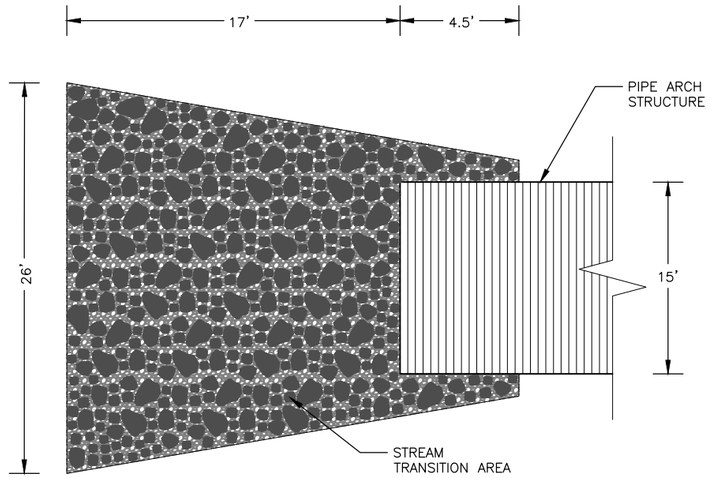


TYPICAL PROFILE
NOT TO SCALE

WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: CATEGORY 5 STRUCTURE	
LAT., LONG.: VARIES	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY: VARIES	FILE NO.: POA	DATE: JULY 2025	FIGURE NO.: CX-005



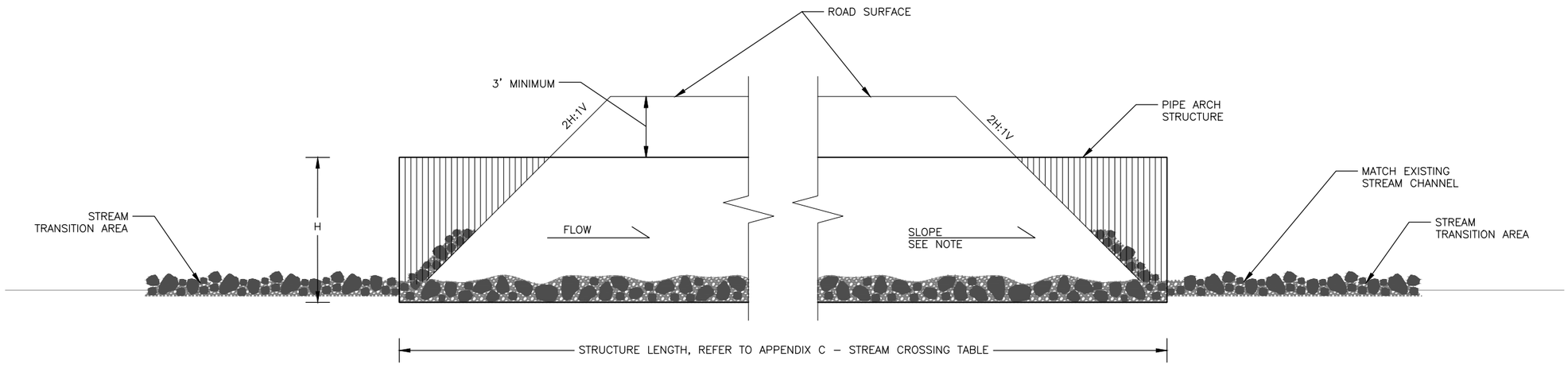
TYPICAL SECTION
NOT TO SCALE



TYPICAL INLET/OUTLET PROTECTION - PLAN VIEW
NOT TO SCALE

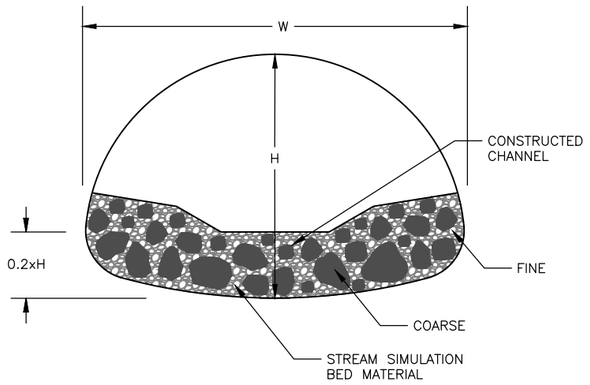
NOTES:

1. CATEGORY 6 STRUCTURES SHALL BE INSTALLED IN MAPPED STREAMS WHERE FISH PASSAGE IS REQUIRED AND THAT HAVE A STREAM WIDTH BETWEEN 6' & 10' AT THE ORDINARY HIGH WATERMARK (OHW).
2. STRUCTURES SHALL SPAN ENTIRE TOE OF FILL WIDTH.
3. STRUCTURE SHALL BE PIPE ARCH THAT IS 15' WIDE. STRUCTURE HEIGHT SHALL BE BASED ON MANUFACTURER STANDARD SIZING AND ALASKA DOT HIGHWAY DRAINAGE MANUAL.
4. STREAM IMPACT AREA EQUALS STREAM WIDTH TIMES STRUCTURE LENGTH.
5. STREAM BED SLOPE THROUGH STRUCTURE SHALL MATCH CHANNEL BED SLOPE TO MAXIMUM EXTENT PRACTICABLE, BUT NO GREATER THAN CHANNEL BED SLOPE ±1%.
6. MINIMUM COVER WILL BE DETERMINED BASED ON EQUIPMENT LOADING AND STRUCTURE DESIGN.
7. CONSTRUCTED CHANNEL INSIDE STRUCTURE TO HAVE DIMENSIONS SIMILAR TO ADJACENT CHANNEL REACHES.
8. SUBSTRATE DESIGNED PER MEMORANDUM OF AGREEMENT STREAM SIMULATION DESIGN REQUIREMENTS.
9. STREAM TRANSITION AREA SIZE PER USFWS *CULVERT DESIGN GUIDELINES FOR ECOLOGICAL FUNCTION*, REVISION 9, 2024.
10. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
11. BUOYANCY PROTECTION SHALL BE CONSTRUCTED PER ALASKA DOT HIGHWAY DRAINAGE MANUAL.

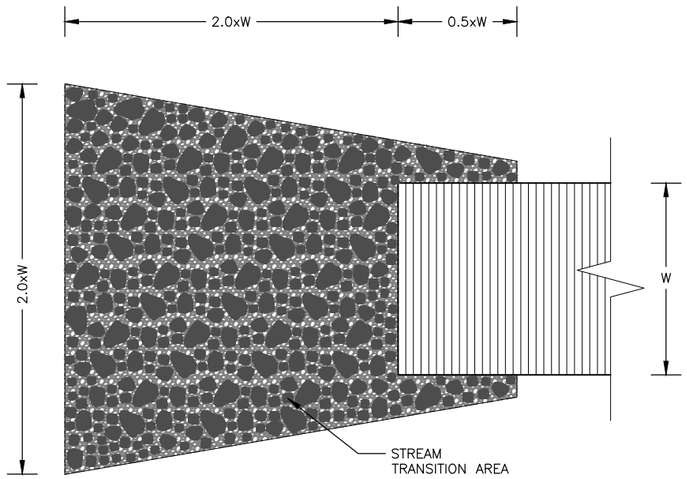


TYPICAL PROFILE
NOT TO SCALE

WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: CATEGORY 6 STRUCTURE	
LAT., LONG.: VARIES	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY: VARIES	FILE NO.: POA	DATE: JULY 2025	FIGURE NO.: CX-006



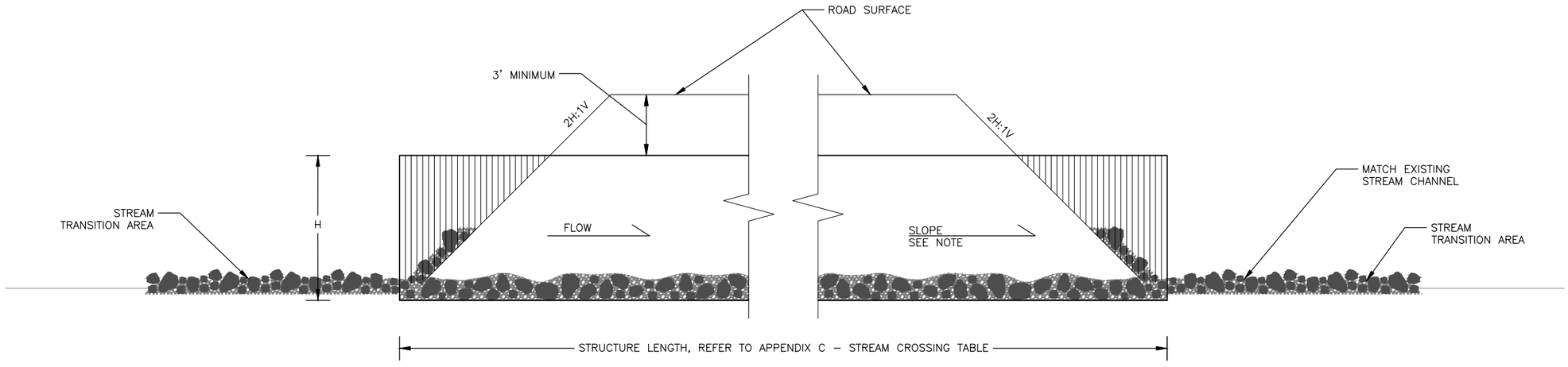
TYPICAL SECTION
NOT TO SCALE



TYPICAL INLET/OUTLET PROTECTION - PLAN VIEW
NOT TO SCALE

NOTES:

1. CATEGORY 7 STRUCTURES SHALL BE INSTALLED IN MAPPED STREAMS WHERE FISH PASSAGE IS REQUIRED AND THAT HAVE A STREAM WIDTH BETWEEN 10' & 13' AT THE ORDINARY HIGH WATERMARK (OHW).
2. STRUCTURES SHALL SPAN ENTIRE TOE OF FILL WIDTH.
3. CATEGORY 7 STRUCTURES SHALL BE SITE SPECIFIC STRUCTURE TYPE WITH SITE SPECIFIC WIDTH UP TO 19.9 FT. STRUCTURE HEIGHT SHALL BE SITE SPECIFIC BASED ON THE 100 YEAR EVENT (1% AEP) PER USFWS CULVERT DESIGN GUIDELINES FOR ECOLOGICAL FUNCTION, REVISION 9, 2024. PIPE ARCH STRUCTURE IS SHOWN IN DETAILS, BUT OTHER STRUCTURE TYPES MAY BE CONSIDERED IN FINAL DESIGN.
4. STREAM IMPACT AREA EQUALS STREAM WIDTH TIMES STRUCTURE LENGTH.
5. STREAM BED SLOPE THROUGH STRUCTURE SHALL MATCH CHANNEL BED SLOPE TO MAXIMUM EXTENT PRACTICABLE, BUT NO GREATER THAN CHANNEL BED SLOPE ±1%.
6. MINIMUM COVER WILL BE DETERMINED BASED ON EQUIPMENT LOADING AND STRUCTURE DESIGN.
7. CONSTRUCTED CHANNEL INSIDE STRUCTURE TO HAVE DIMENSIONS SIMILAR TO ADJACENT CHANNEL REACHES.
8. SUBSTRATE DESIGNED PER MEMORANDUM OF AGREEMENT STREAM SIMULATION DESIGN REQUIREMENTS.
9. STREAM TRANSITION AREA SIZE PER USFWS *CULVERT DESIGN GUIDELINES FOR ECOLOGICAL FUNCTION*, REVISION 9, 2024.
10. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
11. BUOYANCY PROTECTION SHALL BE CONSTRUCTED PER ALASKA DOT HIGHWAY DRAINAGE MANUAL.



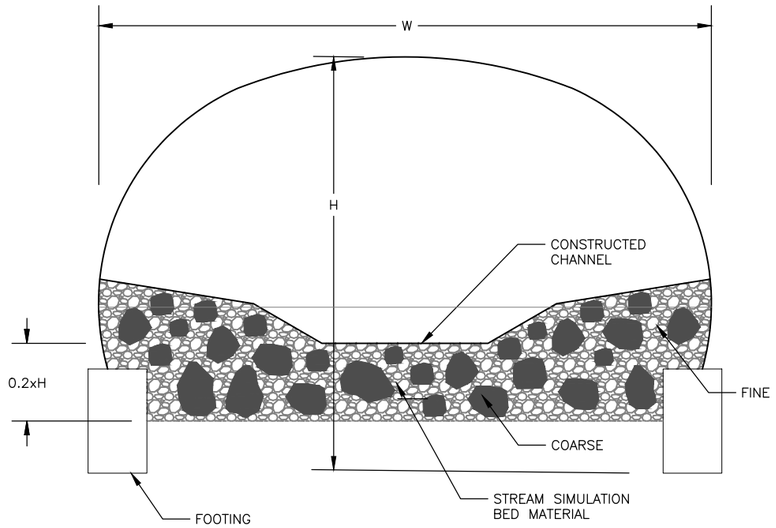
TYPICAL PROFILE
NOT TO SCALE

WEST SUSITNA ACCESS PROJECT
APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

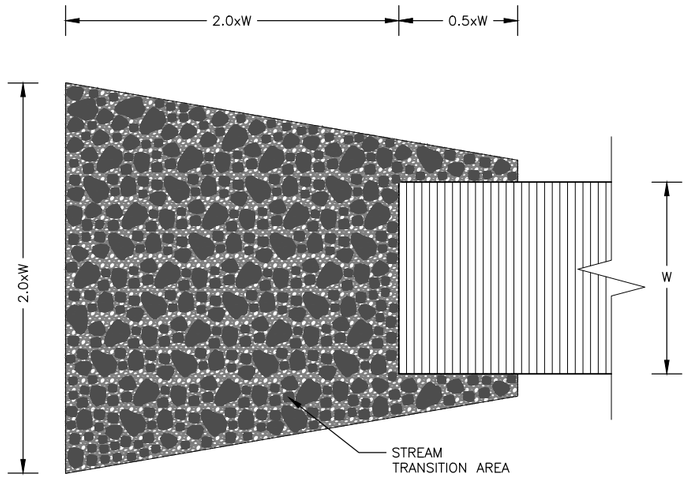
LAT., LONG.	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: VARIES	**FILE NO.** POA

DRAWING TITLE: CATEGORY 7 STRUCTURE

DATE:	FIGURE NO.
JULY 2025	**CX-007**



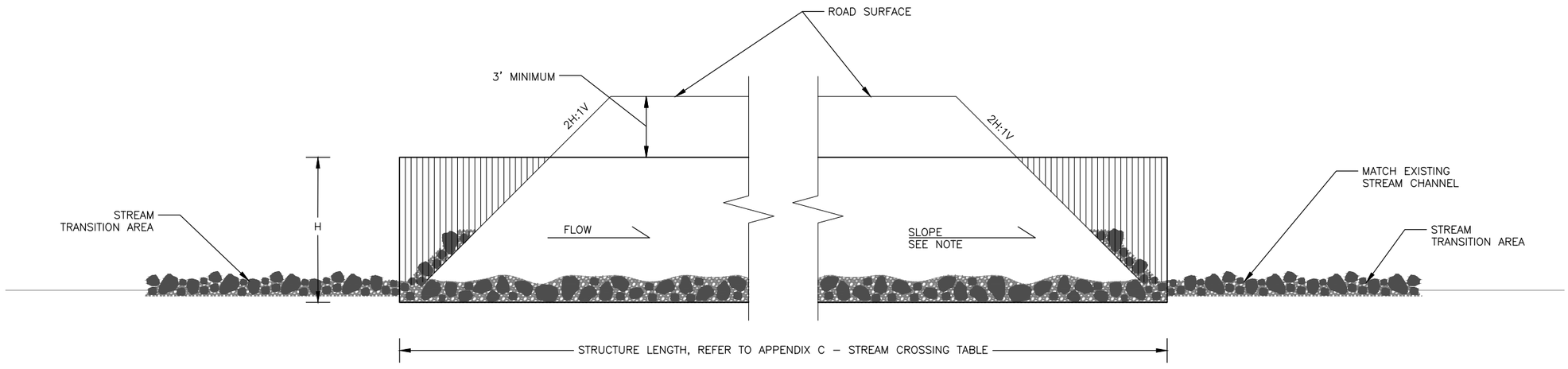
TYPICAL SECTION
NOT TO SCALE



TYPICAL INLET/OUTLET PROTECTION - PLAN VIEW
NOT TO SCALE

NOTES:

1. CATEGORY 8 STRUCTURES SHALL BE INSTALLED IN MAPPED STREAMS WHERE FISH PASSAGE IS REQUIRED AND THAT HAVE A STREAM WIDTH BETWEEN 13' & 30' AT THE ORDINARY HIGH WATERMARK (OHW).
2. STRUCTURES SHALL SPAN ENTIRE TOE OF FILL WIDTH.
3. CATEGORY 8 STRUCTURES SHALL BE SITE SPECIFIC STRUCTURE TYPE WITH SITE SPECIFIC WIDTH UP TO 50' STRUCTURE HEIGHT SHALL BE SITE SPECIFIC BASED ON THE 100 YEAR EVENT (1% AEP) PER USFWS CULVERT DESIGN GUIDELINES FOR ECOLOGICAL FUNCTION, REVISION 9, 2024. BOTTOMLESS ARCH STRUCTURE IS SHOW IN DETAILS, BUT OTHER STRUCTURE TYPES MAY BE CONSIDERED IN FINAL DESIGN.
4. STREAM IMPACT AREA EQUALS STREAM WIDTH TIMES STRUCTURE LENGTH.
5. STREAM BED SLOPE THROUGH STRUCTURE SHALL MATCH CHANNEL BED SLOPE TO MAXIMUM EXTENT PRACTICABLE, BUT NO GREATER THAN CHANNEL BED SLOPE ±1%.
6. MINIMUM COVER WILL BE DETERMINED BASED ON EQUIPMENT LOADING AND STRUCTURE DESIGN.
7. CONSTRUCTED CHANNEL INSIDE STRUCTURE TO HAVE DIMENSIONS SIMILAR TO ADJACENT CHANNEL REACHES.
8. SUBSTRATE DESIGNED PER MEMORANDUM OF AGREEMENT STREAM SIMULATION DESIGN REQUIREMENTS.
9. STREAM TRANSITION AREA SIZE PER USFWS *CULVERT DESIGN GUIDELINES FOR ECOLOGICAL FUNCTION*, REVISION 9, 2024.
10. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
11. BUOYANCY PROTECTION SHALL BE CONSTRUCTED PER ALASKA DOT HIGHWAY DRAINAGE MANUAL.



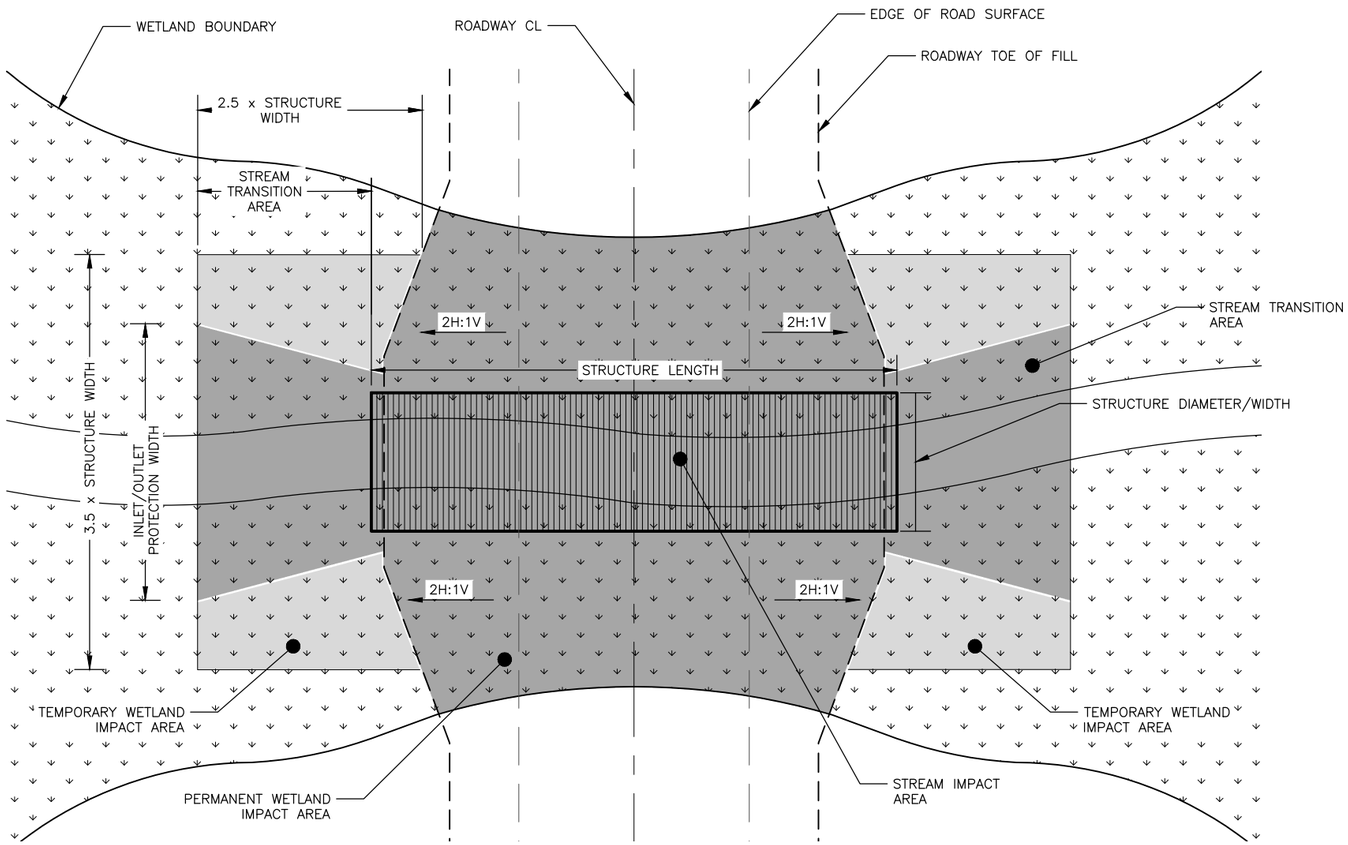
TYPICAL PROFILE
NOT TO SCALE

WEST SUSITNA ACCESS PROJECT
APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

LAT., LONG.	PROPOSED ACTIVITY:
VARIES	ROAD CONSTRUCTION
WATERWAY: VARIES	**FILE NO.** POA

DRAWING TITLE: CATEGORY 8 STRUCTURE

DATE:	FIGURE NO.
JULY 2025	**CX-008**



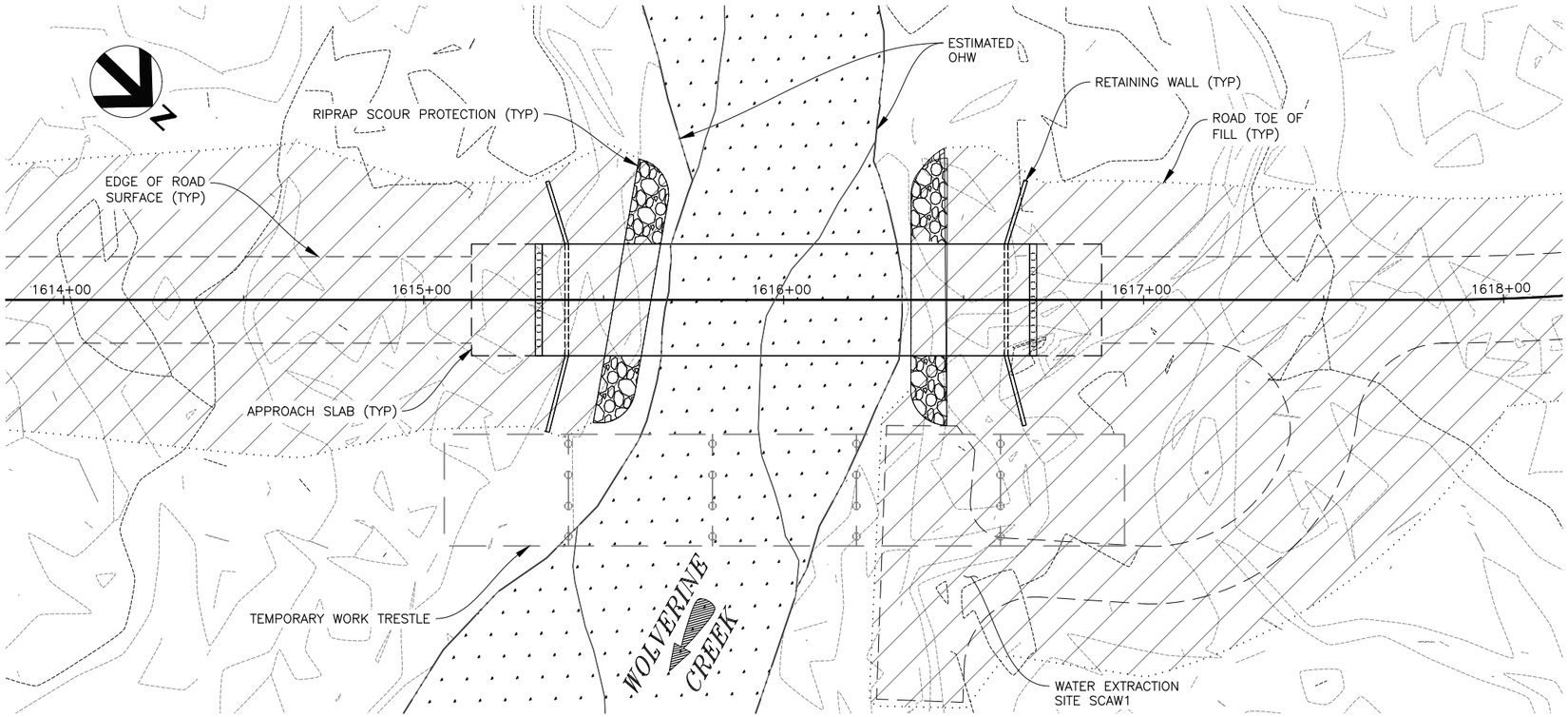
TYPICAL PLAN VIEW SCHEMATIC

NOT TO SCALE

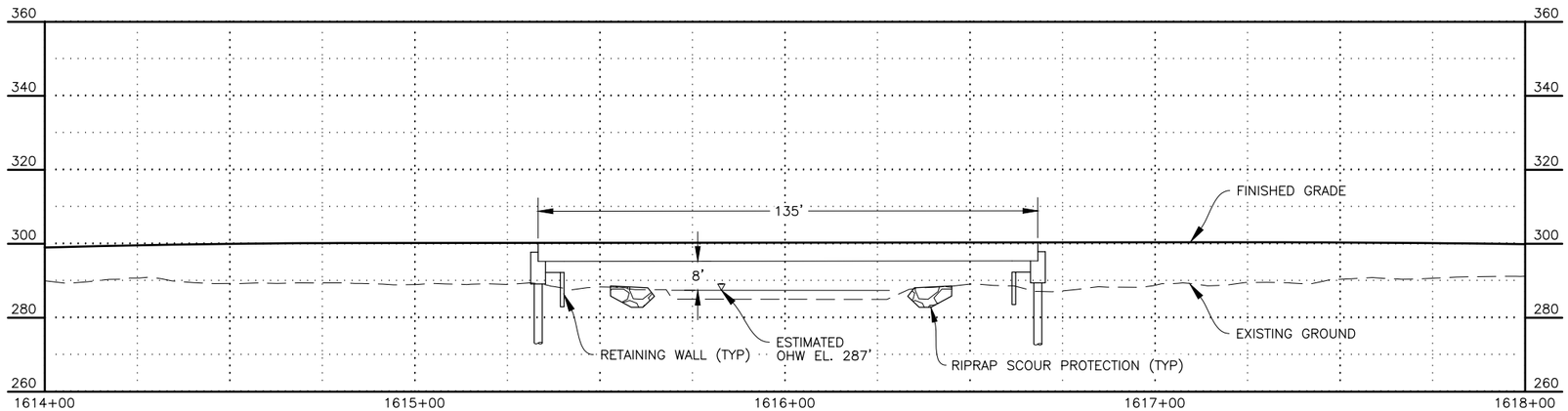
NOTES:

1. STRUCTURE SHALL SPAN ENTIRE TOE OF FILL WIDTH.
2. STRUCTURE DIAMETER VARIES BASED ON STREAM CATEGORIZATION. SEE TYPICAL DETAILS ON CATEGORIES 2 THROUGH 8 SHEETS.
3. PERMANENT WETLAND IMPACT AREA IS ASSUMED FOR STRUCTURE CONSTRUCTION. LIMITS INCLUDE ROADWAY PRISM SURROUNDING STRUCTURE AND STREAM TRANSITION AREA. SEE TYPICAL DETAIL SHEETS FOR CATEGORIES 2 THROUGH 8 FOR STREAM TRANSITION AREA DIMENSIONS.
4. TEMPORARY WETLAND IMPACT AREA IS ASSUMED FOR STRUCTURE CONSTRUCTION AND DOES NOT OVERLAP WITH THE PERMANENT IMPACT AREA. LIMITS APPROXIMATELY EXTEND IN LENGTH BEYOND TOE OF FILL 2.5 TIMES THE DIAMETER OF A ROUND STRUCTURE AND IN WIDTH 3.5 TIMES THE DIAMETER OF A ROUND STRUCTURE. FOR A PIPE ARCH, USE THE RISE DIMENSION AS EQUAL TO DIAMETER.
5. STREAM IMPACT AREA EQUALS STREAM WIDTH TIMES STRUCTURE LENGTH PLUS THE AREA ASSOCIATED WITH STREAM TRANSITION AREA.
6. STREAM BED SLOPE THROUGH STRUCTURE SHALL MATCH STREAM SLOPE TO MAXIMUM EXTENT PRACTICABLE. FOR FISH PASSAGE STRUCTURE CATEGORIES 4, 6, 7, AND 8 SLOPE THROUGH STRUCTURE SHALL BE NO GREATER THAN STREAM SLOPE ±1%.
7. FILL DEPTH WILL BE DETERMINED BASED ON EQUIPMENT LOADING AND STRUCTURE DESIGN.
8. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
9. FOR STRUCTURE LENGTH REFER TO APPENDIX C – STREAM CROSSING TABLE.

WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: TYPICAL PLAN VIEW FOR CATEGORY 2-8 STRUCTURES	
LAT., LONG. VARIES	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY: VARIES	FILE NO. POA	DATE: JULY 2025	FIGURE NO. **CX-009**



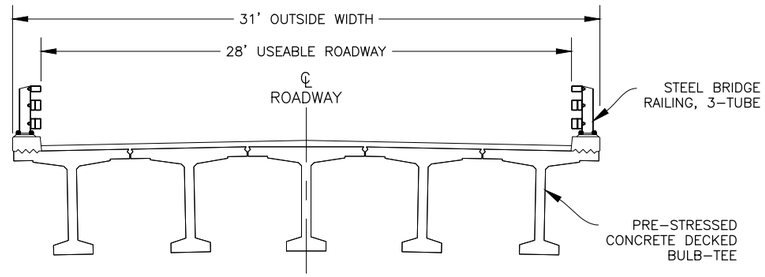
PLAN
SEE GRAPHIC SCALE



ELEVATION
SEE GRAPHIC SCALE

NOTES:

1. RIPRAP PLACEMENT DEPENDENT ON CHANNEL BANK MATERIAL.
2. OHW IS BASED ON WETLAND AND WATERBODY MAPPING AND IS APPROXIMATE.
3. TEMPORARY WORK TRESTLE LAYOUT IS APPROXIMATE.
4. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
5. STREAM BATHYMETRY AT CROSSING IS APPROXIMATE.



NOTE: CROSS–BRACING NOT SHOWN FOR CLARITY

TYPICAL SECTION
NOT TO SCALE

LEGEND:

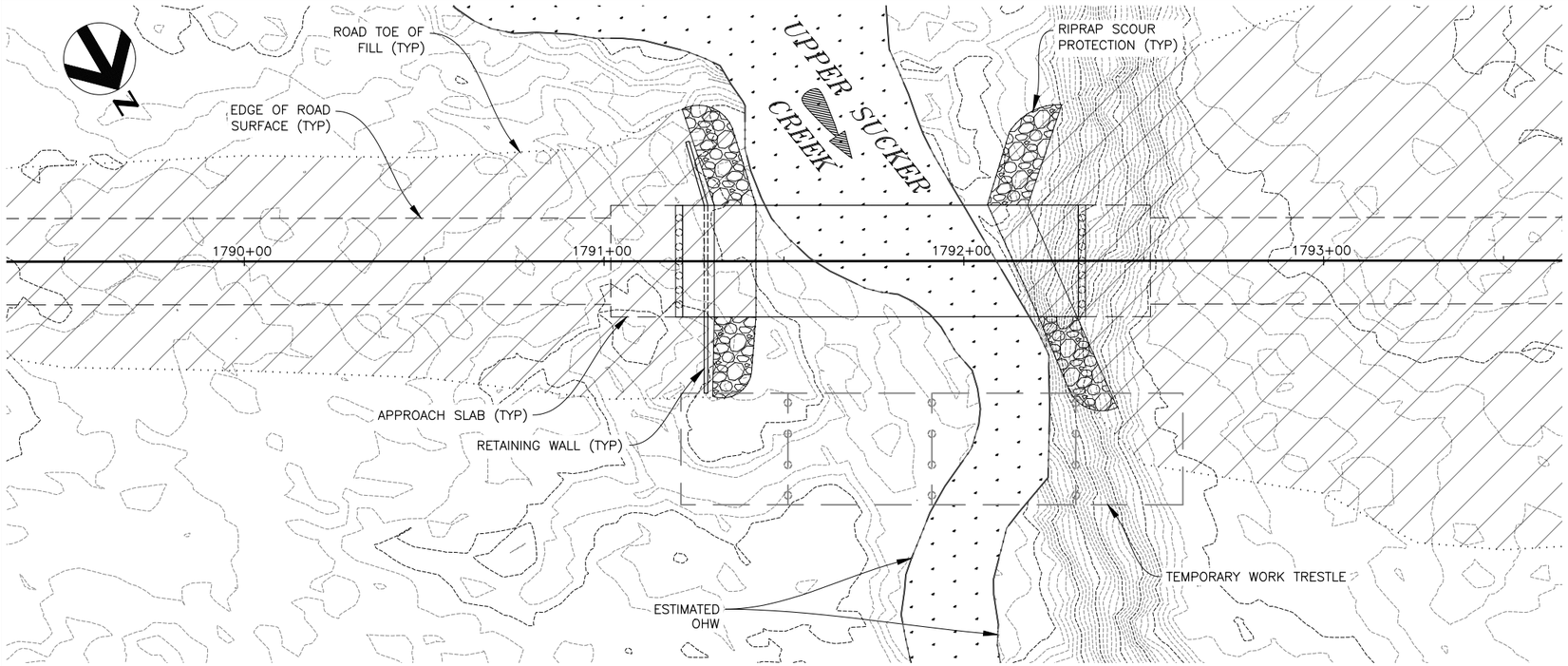
W.O.T.U.S.

PROPOSED FILL AREA

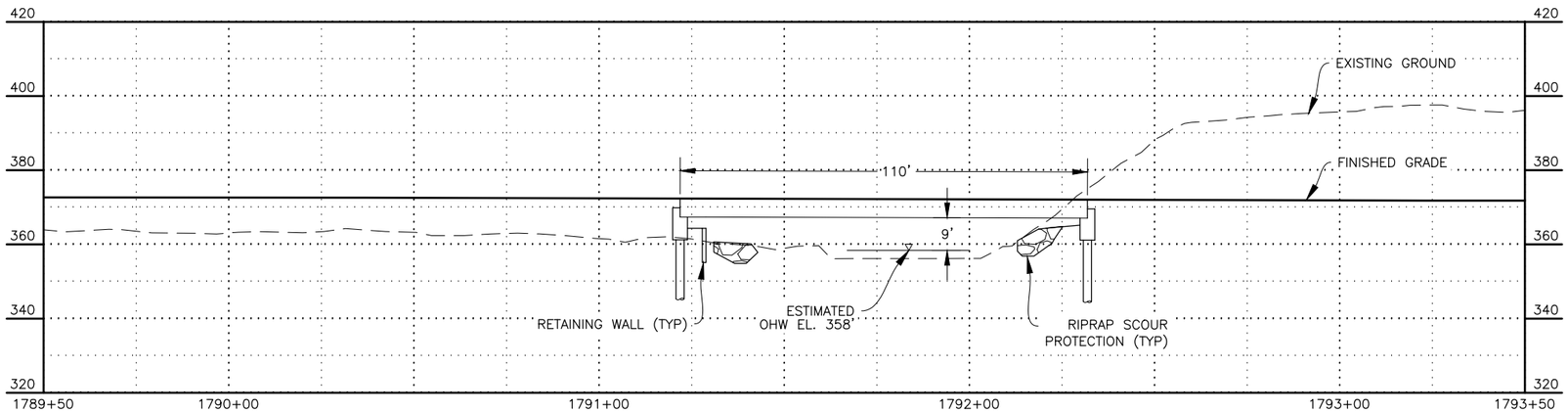
0 20 40 80 Feet
SCALE

WEST SUSITNA ACCESS PROJECT
APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

LAT., LONG.	PROPOSED ACTIVITY:	DRAWING TITLE:	
61° 35' 32.40" N 150° 49' 12.99" W	ROAD CONSTRUCTION	WOLVERINE CREEK BRIDGE	
WATERWAY: WOLVERINE CREEK	FILE NO. POA	DATE: JULY 2025	FIGURE NO. BX-001



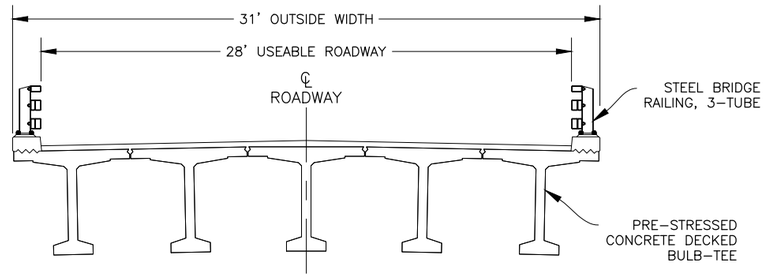
PLAN
SEE GRAPHIC SCALE



ELEVATION
SEE GRAPHIC SCALE

NOTES:

1. RIPRAP PLACEMENT DEPENDENT ON CHANNEL BANK MATERIAL.
2. OHW IS BASED ON WETLAND AND WATERBODY MAPPING AND IS APPROXIMATE.
3. TEMPORARY WORK TRESTLE LAYOUT IS APPROXIMATE.
4. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
5. STREAM BATHYMETRY AT CROSSING IS APPROXIMATE.



NOTE: CROSS-BRACING NOT SHOWN FOR CLARITY

TYPICAL SECTION
NOT TO SCALE

LEGEND:

W.O.T.U.S.

PROPOSED FILL AREA

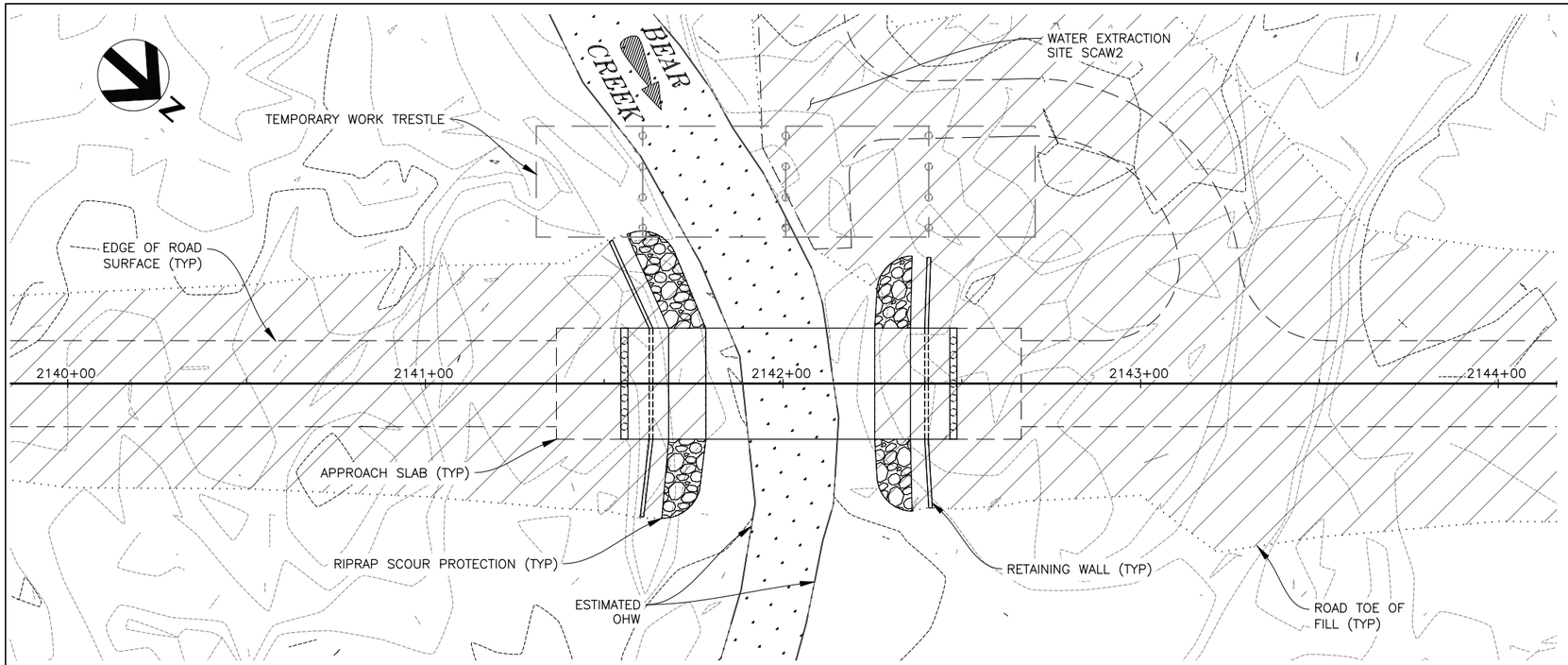
0 20 40 80 Feet
SCALE

WEST SUSITNA ACCESS PROJECT
APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

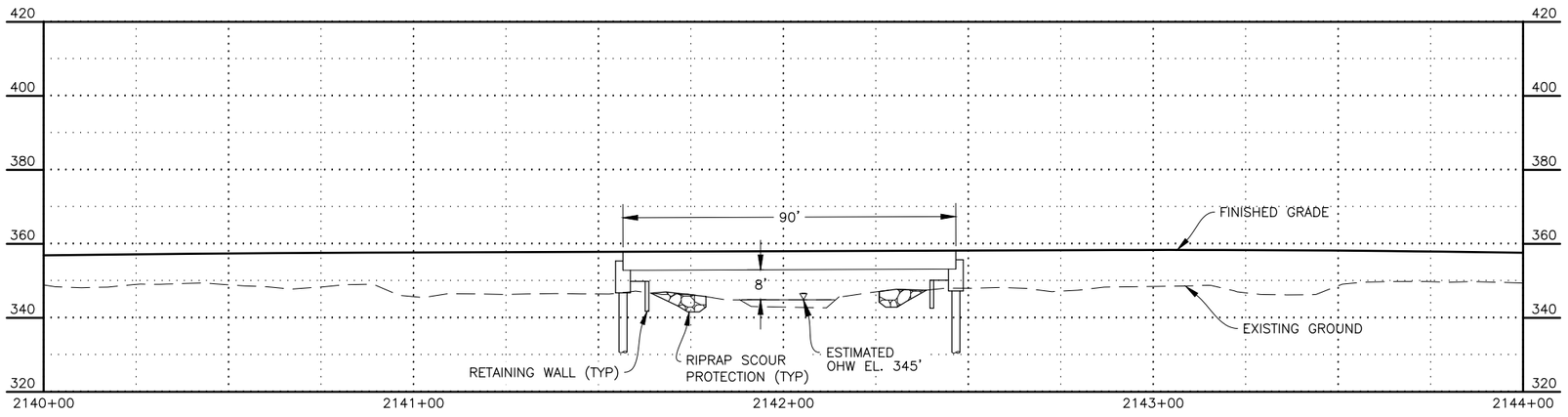
LAT., LONG.	PROPOSED ACTIVITY:
61° 37' 00.20" N 150° 54' 22.58" W	ROAD CONSTRUCTION
WATERWAY: UPPER SUCKER CREEK	**FILE NO.** POA

DRAWING TITLE: UPPER SUCKER CREEK BRIDGE

DATE:	FIGURE NO.
JULY 2025	**BX-002**



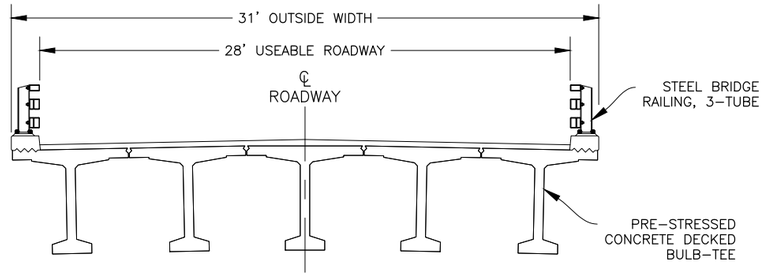
PLAN
SEE GRAPHIC SCALE



ELEVATION
SEE GRAPHIC SCALE

NOTES:

1. RIPRAP PLACEMENT DEPENDENT ON CHANNEL BANK MATERIAL.
2. OHW IS BASED ON WETLAND AND WATERBODY MAPPING AND IS APPROXIMATE.
3. TEMPORARY WORK TRESTLE LAYOUT IS APPROXIMATE.
4. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
5. STREAM BATHYMETRY AT CROSSING IS APPROXIMATE.



NOTE: CROSS-BRACING NOT SHOWN FOR CLARITY

TYPICAL SECTION
NOT TO SCALE

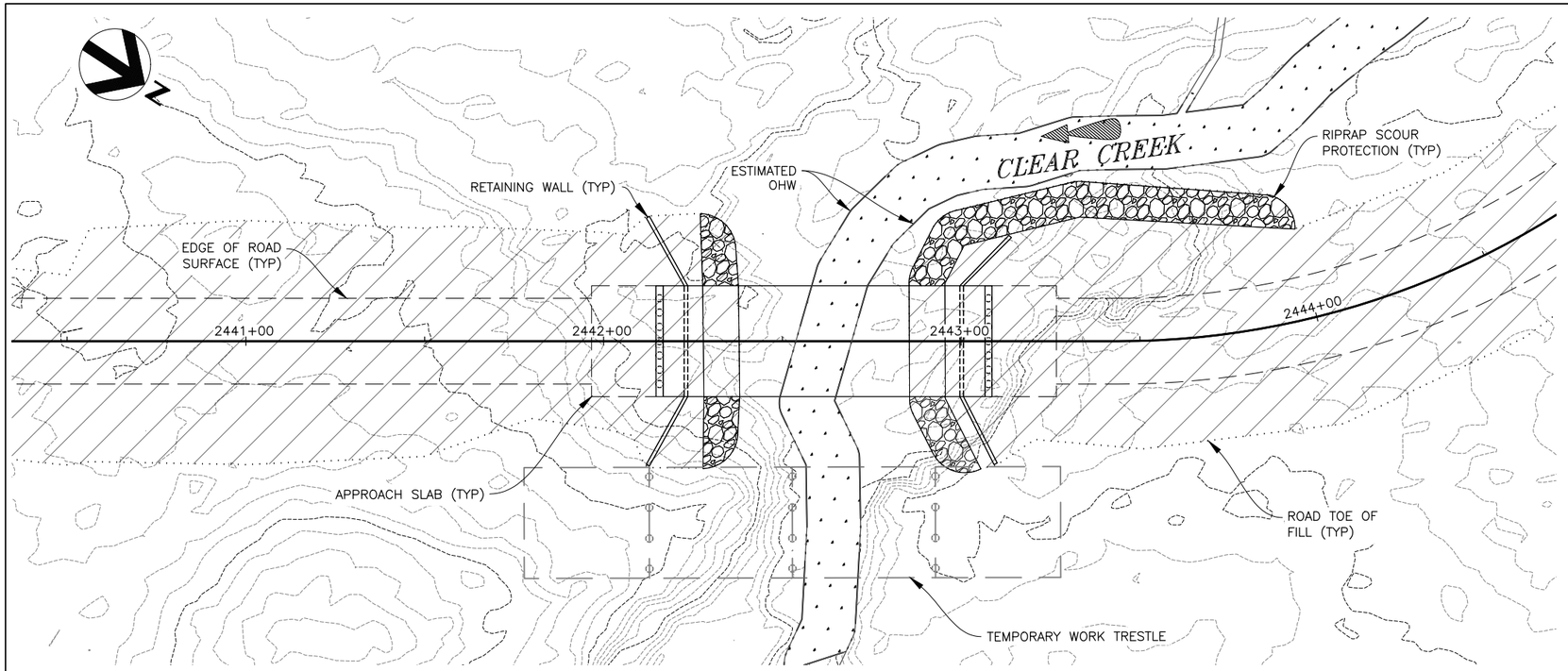
LEGEND:

W.O.T.U.S.

PROPOSED FILL AREA

0 20 40 80 Feet
SCALE

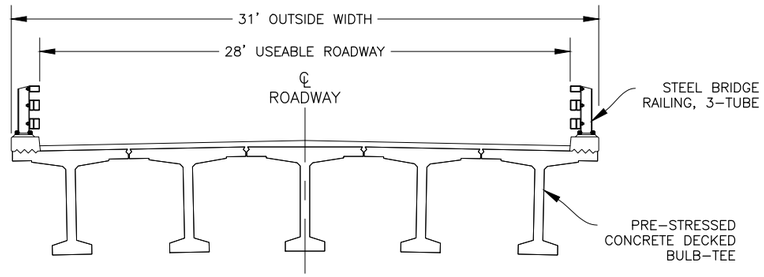
WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: BEAR CREEK BRIDGE	
LAT., LONG.: 61° 41' 27.67" N, 151° 01' 33.52" W	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY: BEAR CREEK	FILE NO.: POA	DATE: JULY 2025	FIGURE NO.: **BX-003**



PLAN
SEE GRAPHIC SCALE

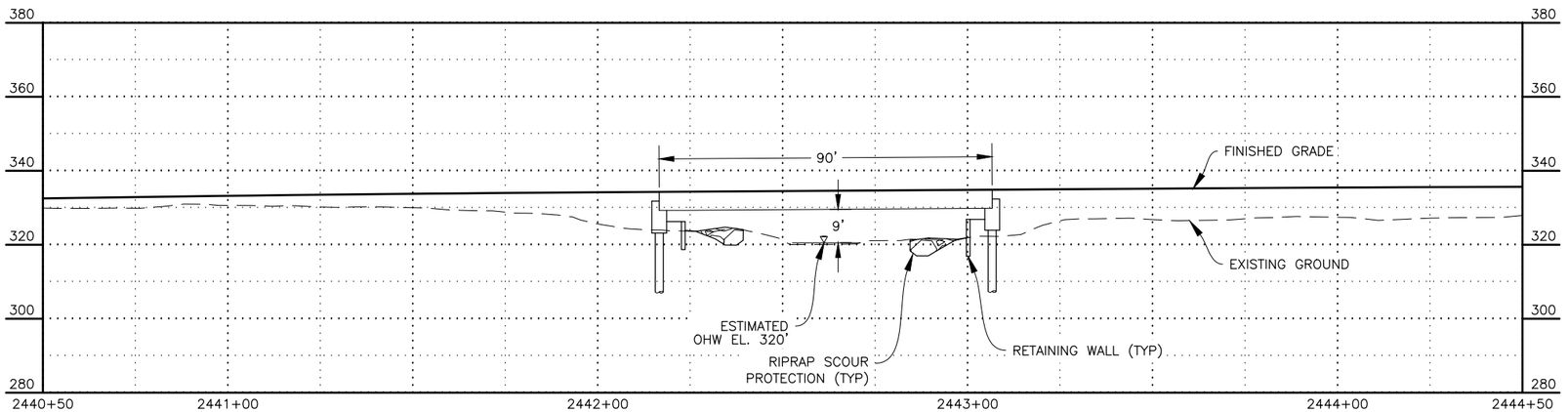
NOTES:

1. RIPRAP PLACEMENT DEPENDENT ON CHANNEL BANK MATERIAL.
2. OHW IS BASED ON WETLAND AND WATERBODY MAPPING AND IS APPROXIMATE.
3. TEMPORARY WORK TRESTLE LAYOUT IS APPROXIMATE.
4. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
5. STREAM BATHYMETRY AT CROSSING IS APPROXIMATE.



NOTE: CROSS–BRACING NOT SHOWN FOR CLARITY

TYPICAL SECTION
NOT TO SCALE



ELEVATION
SEE GRAPHIC SCALE

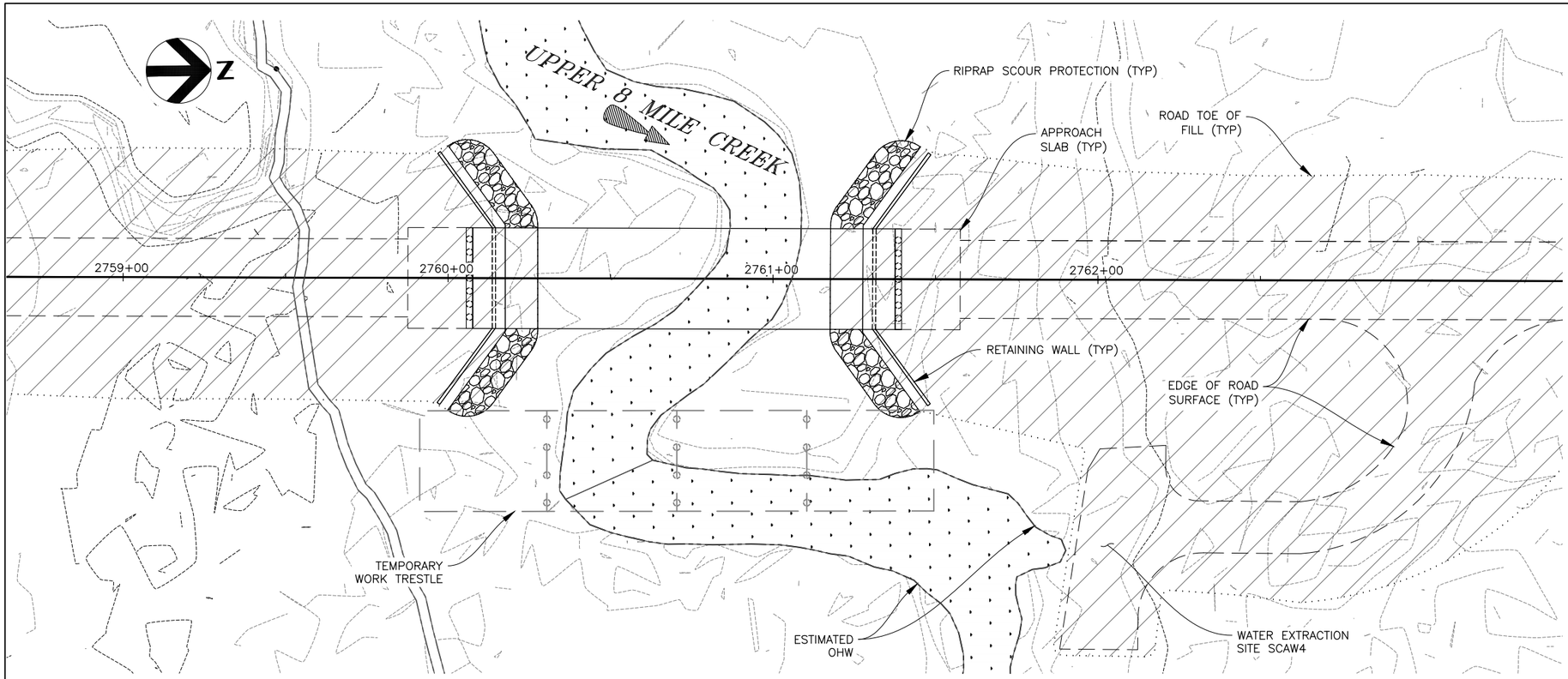
LEGEND:

W.O.T.U.S.

PROPOSED FILL AREA

0 20 40 80 Feet
SCALE

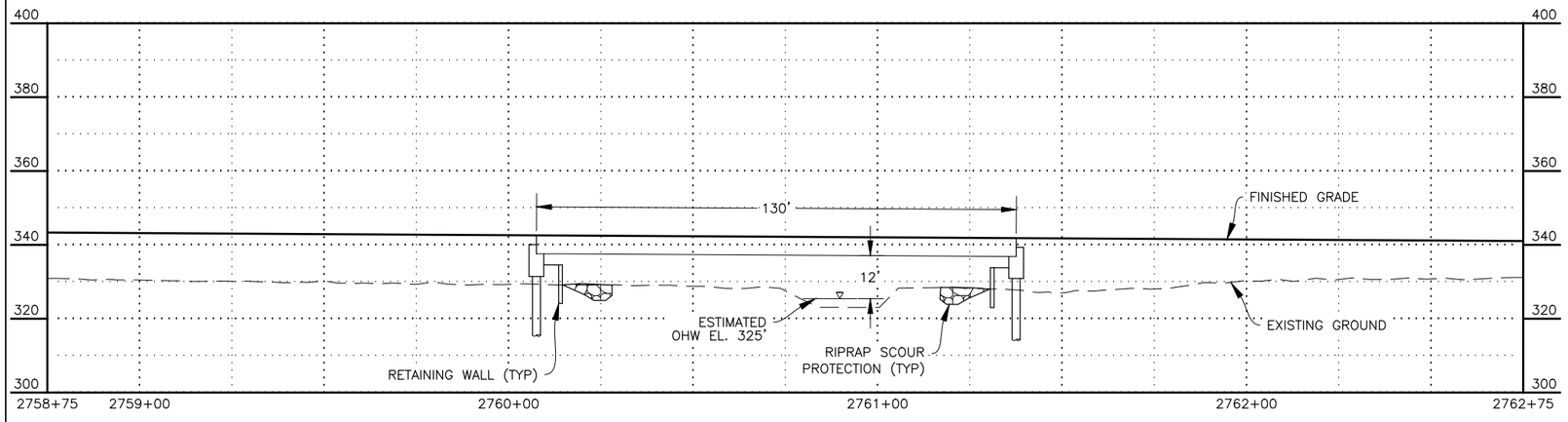
WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: CLEAR CREEK BRIDGE	
LAT., LONG.: 61° 45' 06.33" N, 151° 8' 26.91" W	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY: CLEAR CREEK	FILE NO.: POA	DATE: JULY 2025	FIGURE NO.: **BX-004**



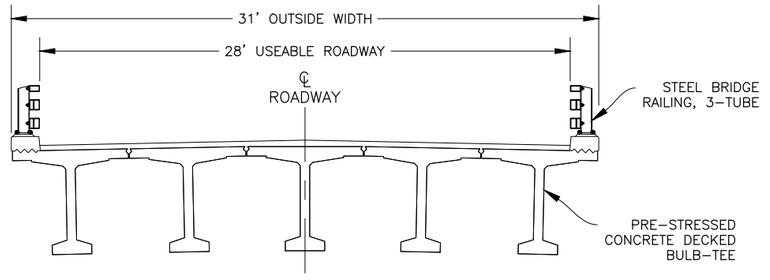
PLAN
SEE GRAPHIC SCALE

NOTES:

1. RIPRAP PLACEMENT DEPENDENT ON CHANNEL BANK MATERIAL.
2. OHW IS BASED ON WETLAND AND WATERBODY MAPPING AND IS APPROXIMATE.
3. TEMPORARY WORK TRESTLE LAYOUT IS APPROXIMATE.
4. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
5. STREAM BATHYMETRY AT CROSSING IS APPROXIMATE.



ELEVATION
SEE GRAPHIC SCALE



NOTE: CROSS–BRACING NOT SHOWN FOR CLARITY

TYPICAL SECTION
NOT TO SCALE

LEGEND:

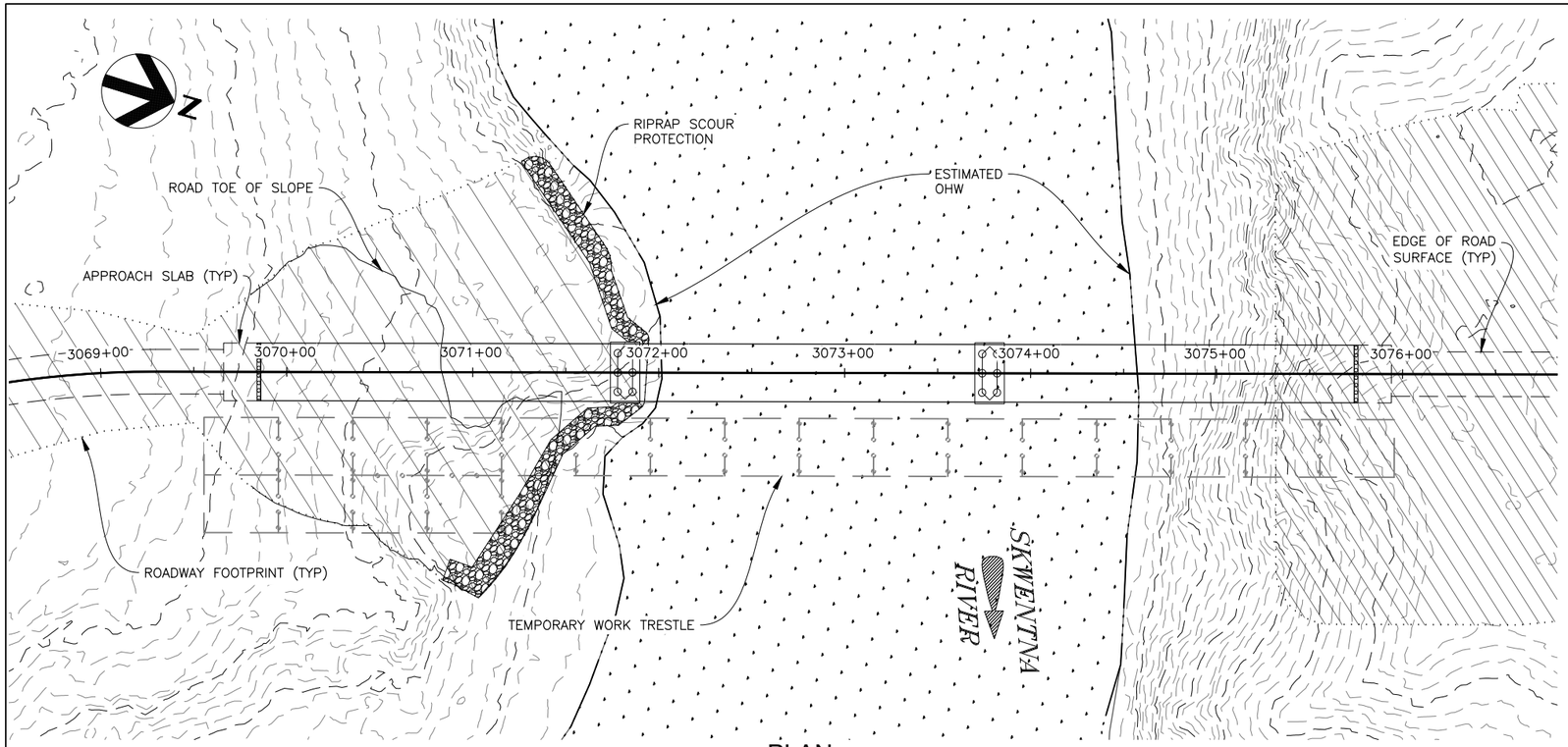
W.O.T.U.S.

PROPOSED FILL AREA

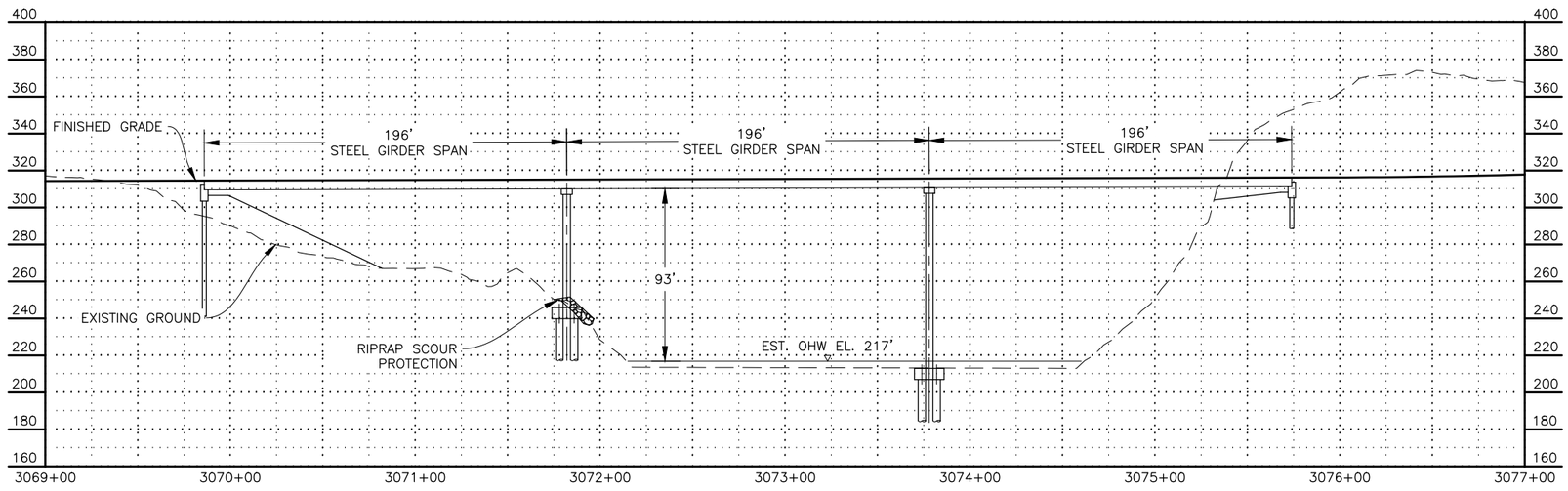
0 20 40 80 Feet
SCALE

WEST SUSITNA ACCESS PROJECT
APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

LAT., LONG.: 61° 48' 42.54" N 151° 15' 42.75" W	PROPOSED ACTIVITY: ROAD CONSTRUCTION	DRAWING TITLE: UPPER 8 MILE CREEK BRIDGE	
WATERWAY: UPPER 8 MILE CREEK	FILE NO.: POA	DATE: JULY 2025	FIGURE NO.: **BX-005**



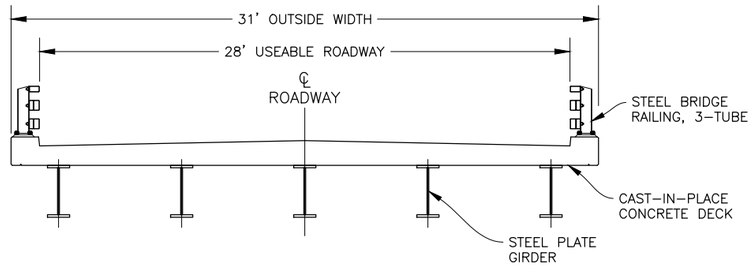
PLAN
SEE GRAPHIC SCALE



ELEVATION
SEE GRAPHIC SCALE

NOTES:

1. OHW IS BASED ON WETLAND AND WATERBODY MAPPING AND IS APPROXIMATE.
2. TEMPORARY WORK TRESTLE LAYOUT IS APPROXIMATE.
3. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
4. STREAM BATHYMETRY AT CROSSING IS APPROXIMATE.



NOTE: CROSS–BRACING NOT SHOWN FOR CLARITY

TYPICAL STEEL SECTION
NOT TO SCALE

LEGEND:

W.O.T.U.S.

PROPOSED FILL AREA

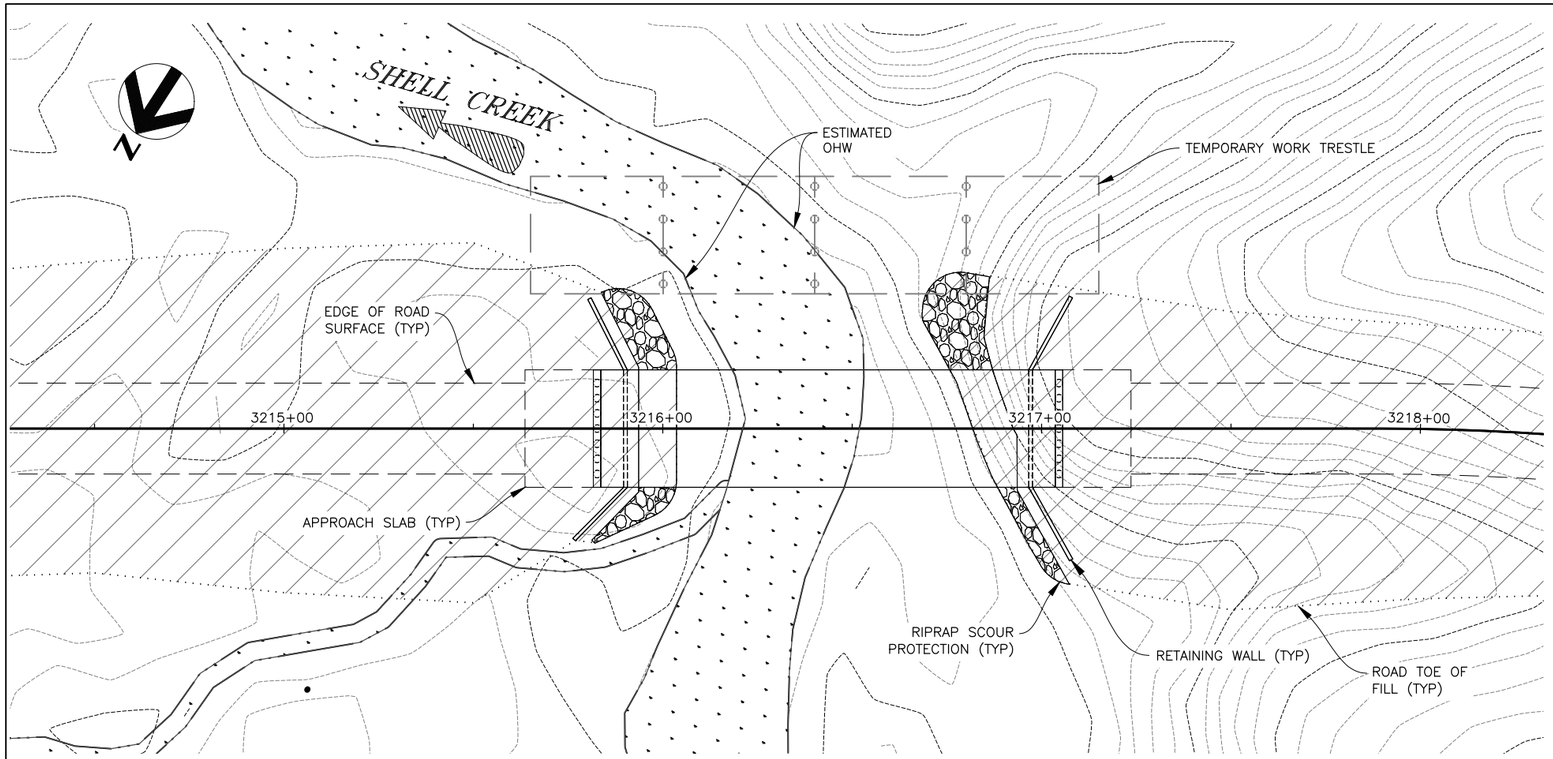
0 40 80 160 Feet
SCALE

WEST SUSITNA ACCESS PROJECT
APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

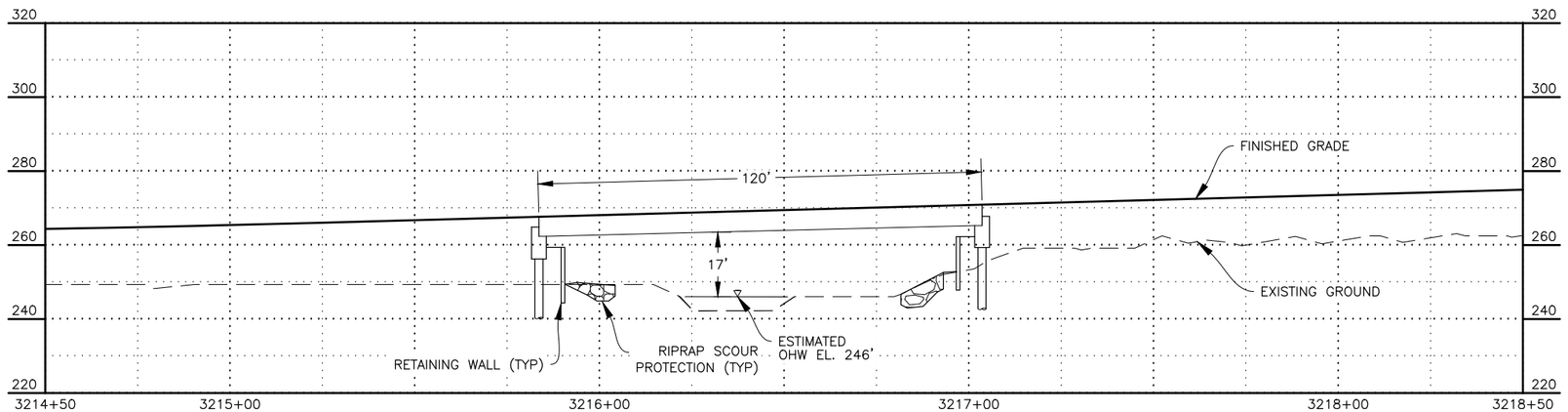
LAT., LONG.: 61° 52' 19.30" N 151° 22' 16.05" W	PROPOSED ACTIVITY: ROAD CONSTRUCTION
WATERWAY: SKWENTNA RIVER	FILE NO.: POA

DRAWING TITLE: SKWENTNA RIVER BRIDGE No. 1

DATE: JULY 2025	FIGURE NO.: **BX-006**



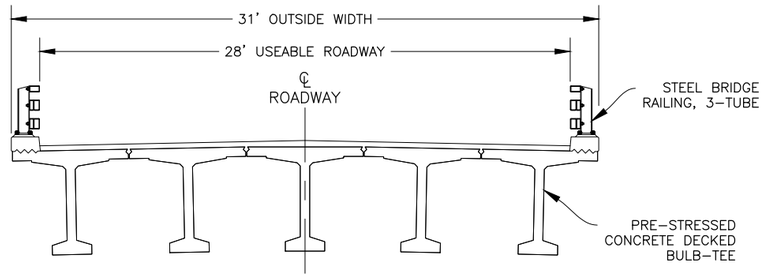
PLAN
SEE GRAPHIC SCALE



ELEVATION
SEE GRAPHIC SCALE

NOTES:

1. RIPRAP PLACEMENT DEPENDENT ON CHANNEL BANK MATERIAL.
2. OHW IS BASED ON WETLAND AND WATERBODY MAPPING AND IS APPROXIMATE.
3. TEMPORARY WORK TRESTLE LAYOUT IS APPROXIMATE.
4. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
5. STREAM BATHYMETRY AT CROSSING IS APPROXIMATE.



NOTE: CROSS-BRACING NOT SHOWN FOR CLARITY

TYPICAL SECTION
NOT TO SCALE

LEGEND:

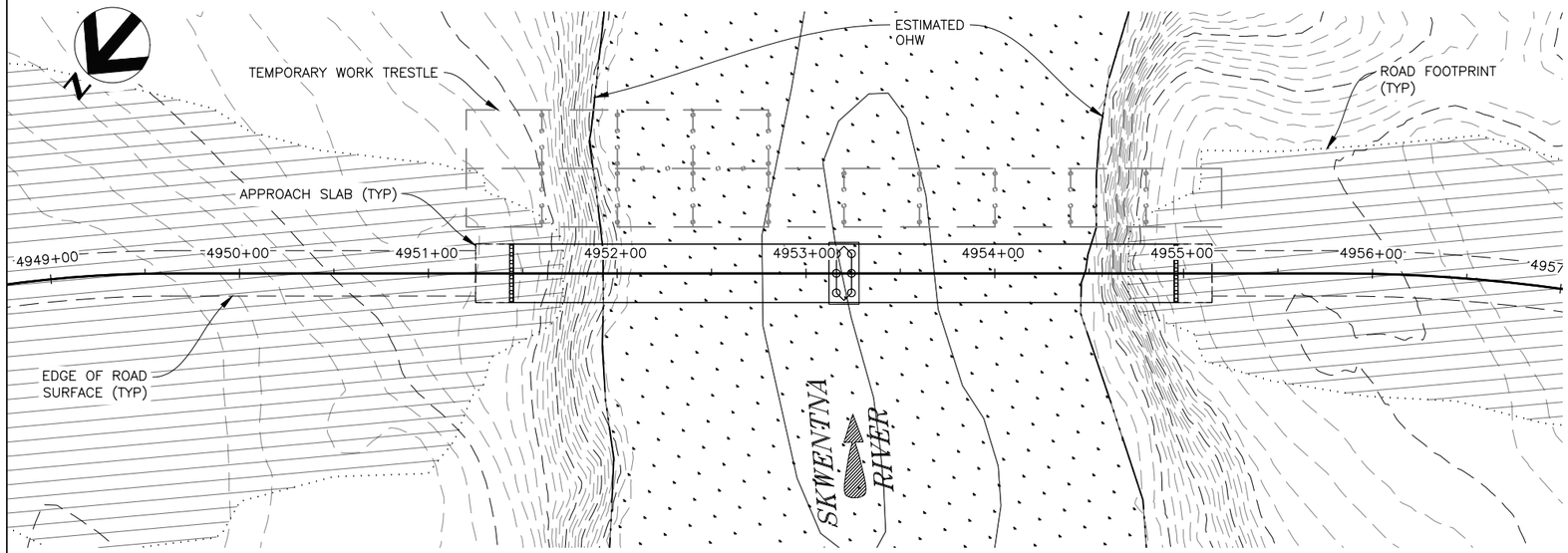
W.O.T.U.S.

PROPOSED FILL AREA

0 20 40 80 Feet
SCALE

WEST SUSITNA ACCESS PROJECT
APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

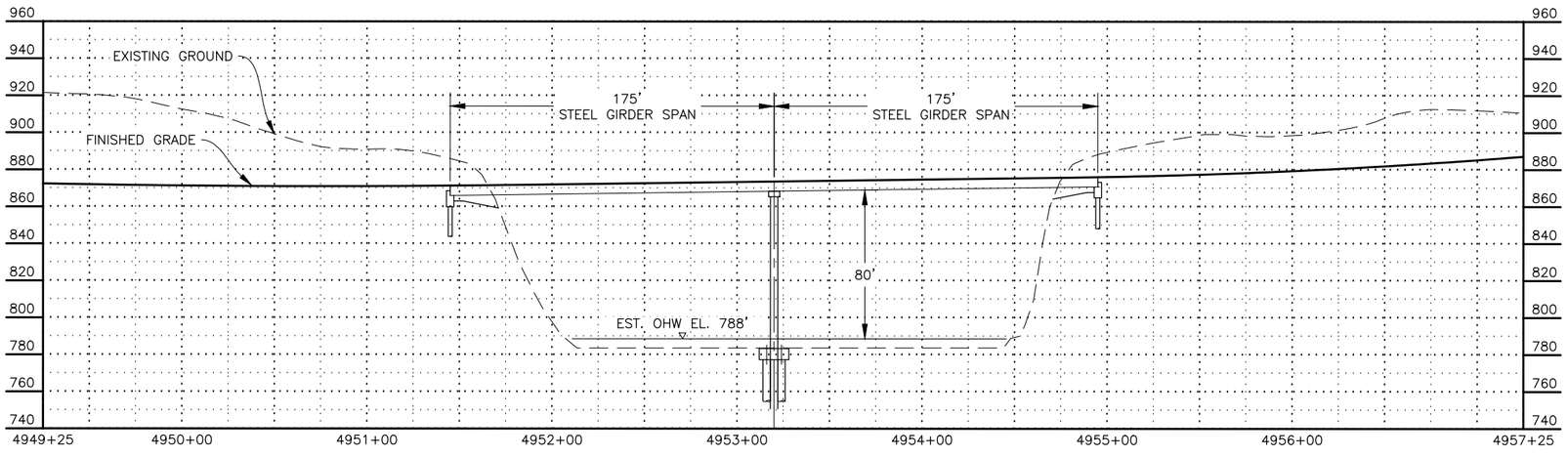
LAT., LONG.	PROPOSED ACTIVITY:	DRAWING TITLE:	
61° 53' 06.18" N 151° 26' 08.65" W	ROAD CONSTRUCTION	SHELL CREEK BRIDGE	
WATERWAY: SHELL CREEK	FILE NO. POA	DATE: JULY 2025	FIGURE NO. **BX-007**



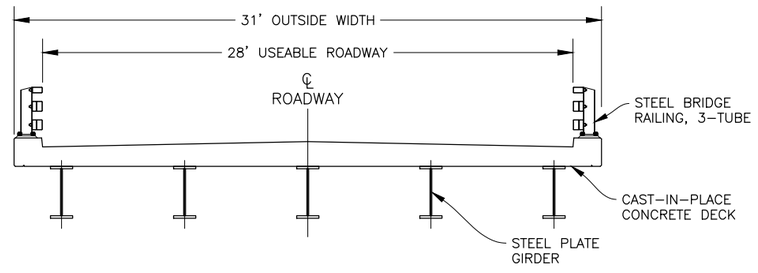
PLAN
SEE GRAPHIC SCALE

NOTES:

1. OHW IS BASED ON WETLAND AND WATERBODY MAPPING AND IS APPROXIMATE.
2. TEMPORARY WORK TRESTLE LAYOUT IS APPROXIMATE.
3. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
4. STREAM BATHYMETRY AT CROSSING IS APPROXIMATE.



ELEVATION
SEE GRAPHIC SCALE



NOTE: CROSS–BRACING NOT SHOWN FOR CLARITY

TYPICAL STEEL SECTION
NOT TO SCALE

LEGEND:

W.O.T.U.S.

PROPOSED FILL AREA

0 40 80 160 Feet
SCALE

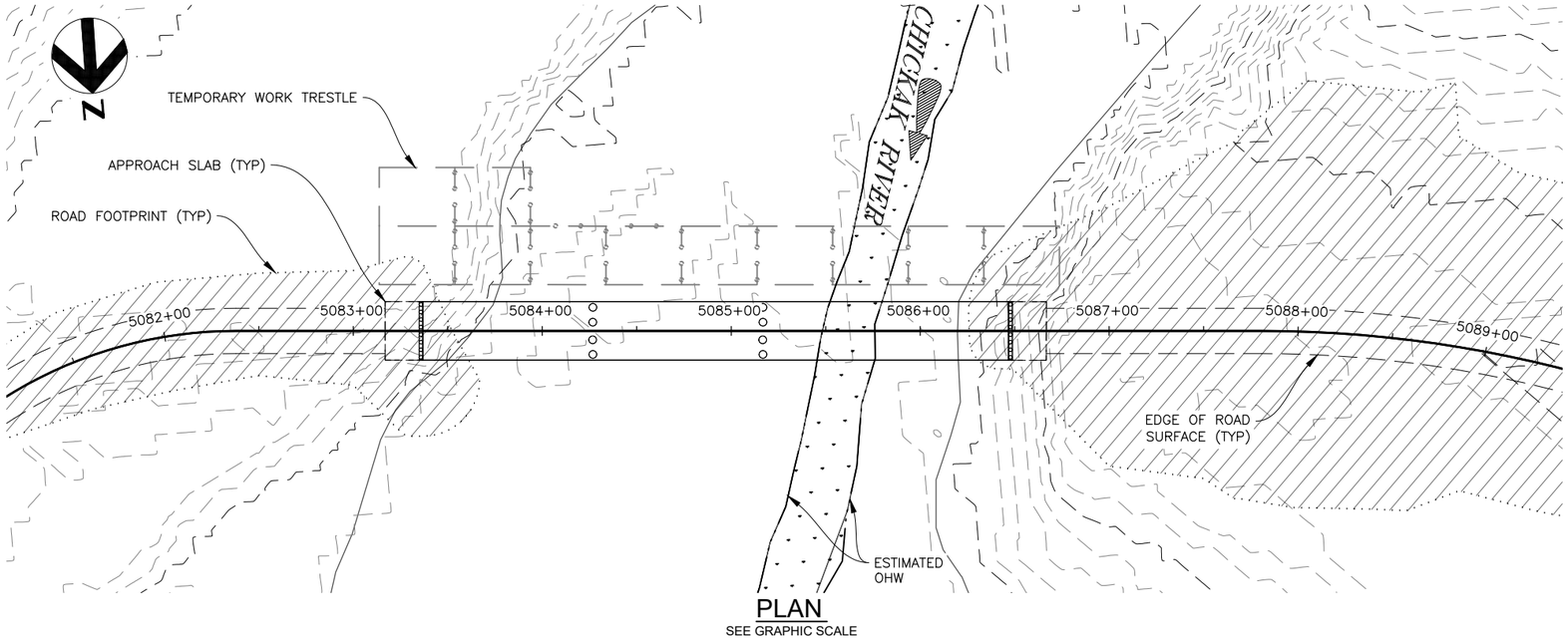
WEST SUSITNA ACCESS PROJECT
APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

LAT., LONG. 61° 58' 05.65" N 152° 18' 55.42" W	PROPOSED ACTIVITY: ROAD CONSTRUCTION
WATERWAY: SKWENTNA RIVER	FILE NO. POA

DRAWING TITLE: SKWENTNA RIVER BRIDGE No. 2

DATE: JULY 2025

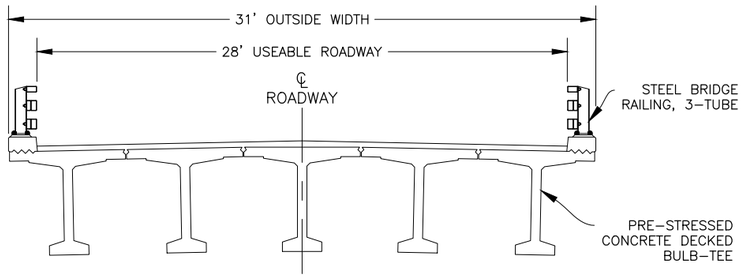
FIGURE NO. **BX-008**



PLAN
SEE GRAPHIC SCALE

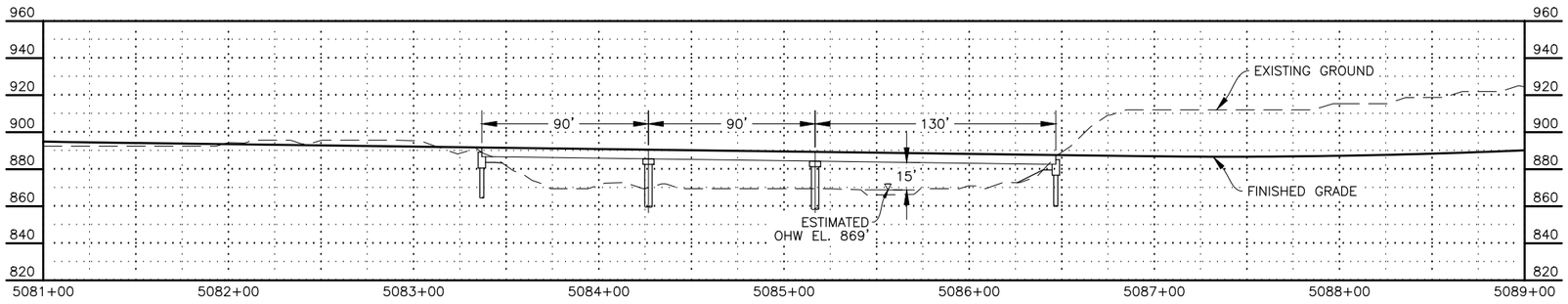
NOTES:

1. OHW IS BASED ON WETLAND AND WATERBODY MAPPING AND IS APPROXIMATE.
2. TEMPORARY WORK TRESTLE LAYOUT IS APPROXIMATE.
3. EROSION AND STORMWATER RUNOFF CONTROL MEASURES AND STABILIZATION OF DISTURBED AREAS WILL BE IMPLEMENTED AS NECESSARY AND IN ACCORDANCE WITH BEST PRACTICES.
4. STREAM BATHYMETRY AT CROSSING IS APPROXIMATE.



NOTE: CROSS-BRACING NOT SHOWN FOR CLARITY

TYPICAL CONCRETE SECTION
NOT TO SCALE



ELEVATION
SEE GRAPHIC SCALE

LEGEND:

W.O.T.U.S.

PROPOSED FILL AREA

0 40 80 160 Feet
SCALE

WEST SUSITNA ACCESS PROJECT APPLICANT: ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY		DRAWING TITLE: CHICKAK RIVER BRIDGE	
LAT., LONG.: 61° 58' 35.60" N, 152° 23' 09.81" W	PROPOSED ACTIVITY: ROAD CONSTRUCTION		
WATERWAY: CHICKAK RIVER	FILE NO.: POA	DATE: JULY 2025	FIGURE NO.: BX-009