

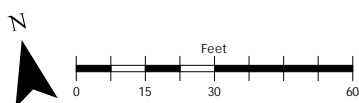
**Skookum Creek
Flood Control Improvements
MP 59 - 60.15**

Date: 08/27/2015

Projection: Alaska State Plane NAD83 Zn4 Feet

Map Notes:

1. Aerial Source: SurvBase 10/01/2014
2. Wetlands Source: HDR 09/25/2014
3. Adjacent Property Owner: United States Forest Service



LEGEND

- +— ARRC Mainline
- ARRC Right-of-Way (200 ft.)
- Existing Culvert
- Mileposts
- ▨ Proposed Project Footprint
- ▤ Wetland and Waterbody Types
- Project Wetland Impacts**
- ▩ Permanent Discharges
- ▤ Temporary Material Storage Area

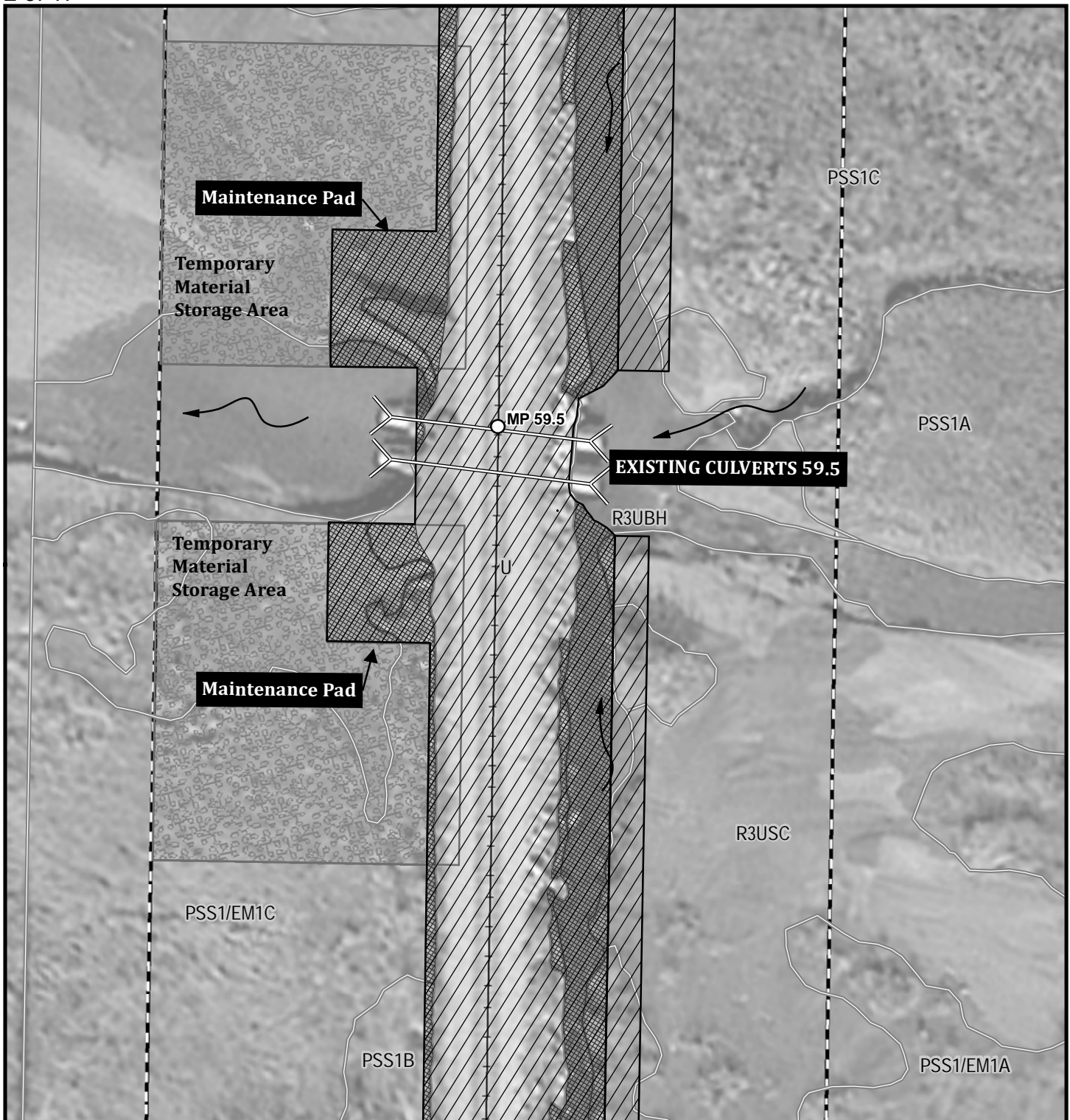
APPLICANT: Alaska Railroad Corporation
327 W. Ship Creek Avenue
P.O. Box 107500
Anchorage, Alaska 99510-7500

WATERWAY: Skookum Creek

FILE NO.: POA-2011-874

LOCATION: T8N, R3E, S18 & S19, SM
USGS Seward D-6
Municipality of Anchorage

SHEET: 8 OF 10



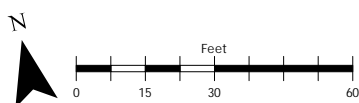
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Date: 08/27/2015

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LEGEND

- +— ARRC Mainline
- ▭ ARRC Right-of-Way (200 ft.)
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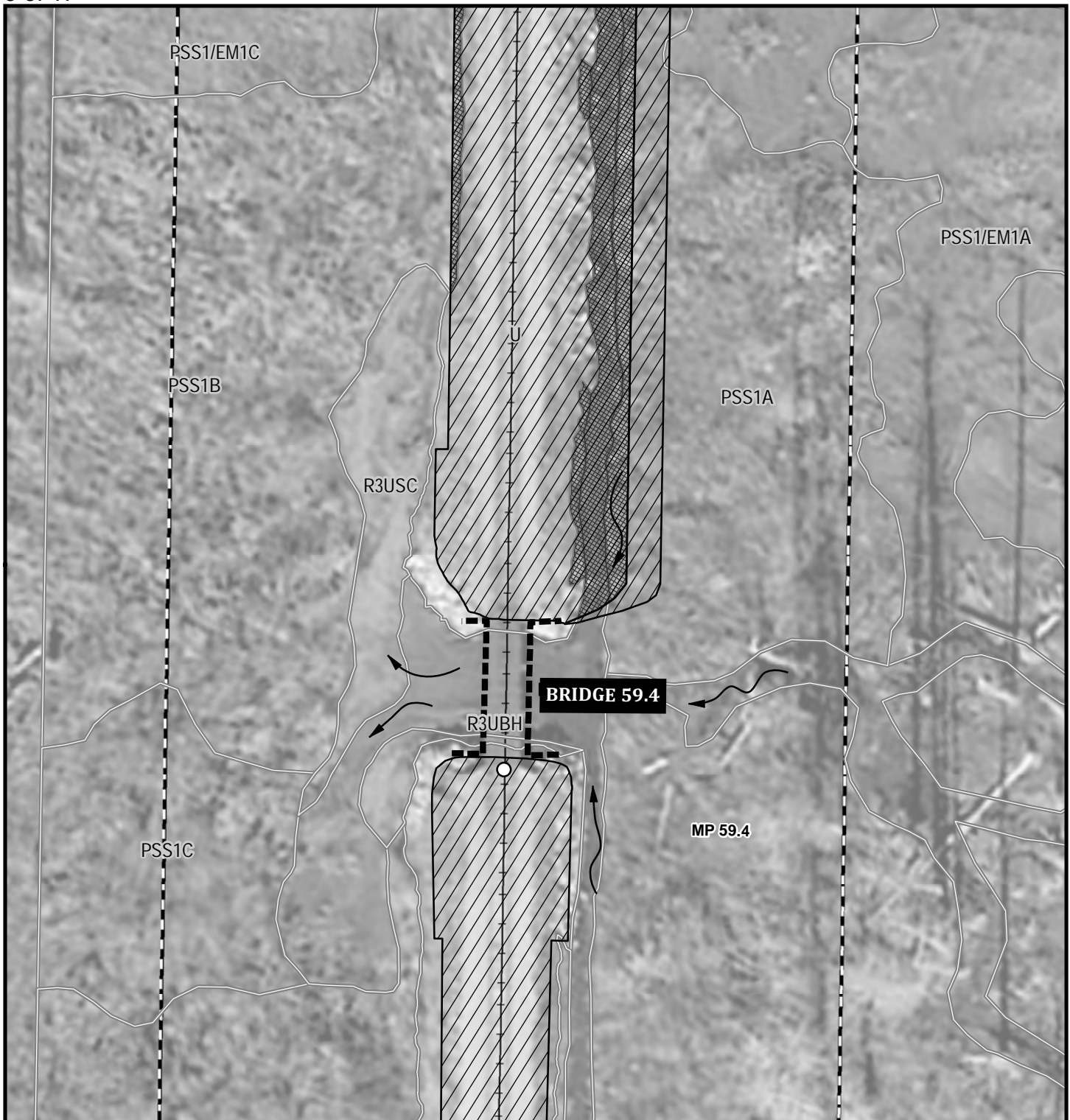
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WATERWAY: Skookum Creek

FILE NO.: POA-2011-874

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SHEET: 9 OF 10



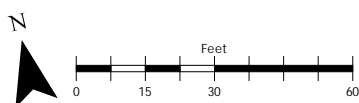
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Flood Control Improvements
MP 59 - 60.15**

Date: 08/27/2015

Projection: Alaska State Plane NAD83 Zn4 Feet

Map Notes:

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LEGEND

- +— ARRC Mainline
- ▭ ARRC Right-of-Way (200 ft.)
- ▬ Bridge
- Mileposts
- ▨ Proposed Project Footprint
- ▭ Wetland and Waterbody Types
- Project Wetland Impacts**
- ▨ Permanent Discharges

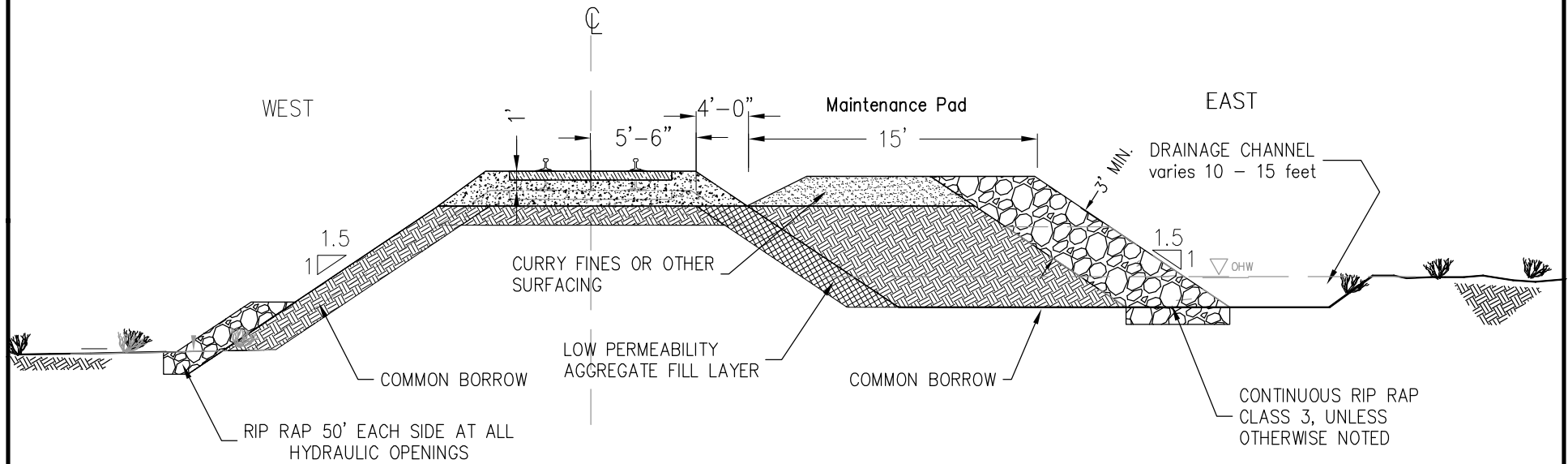
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WATERWAY: Skookum Creek

FILE NO.: POA-2011-874

LOCATION: T8N, R3E, S18 & S19, SM
USGS Seward D-6
Municipality of Anchorage

SHEET: 10 OF 10



Skookum Creek
Flood Control Improvements
MP 59 - 60.15

Date: 7/27/2015

Projection: Alaska State Plane NAD83 Zn4 Feet

Map Notes:

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SUPERIMPOSED CROSS - SECTION
BETWEEN HYDRAULIC OPENINGS - 1 FT RAISE
MILE 59.4 TO MILE 59.9
(LOOKING NORTH)

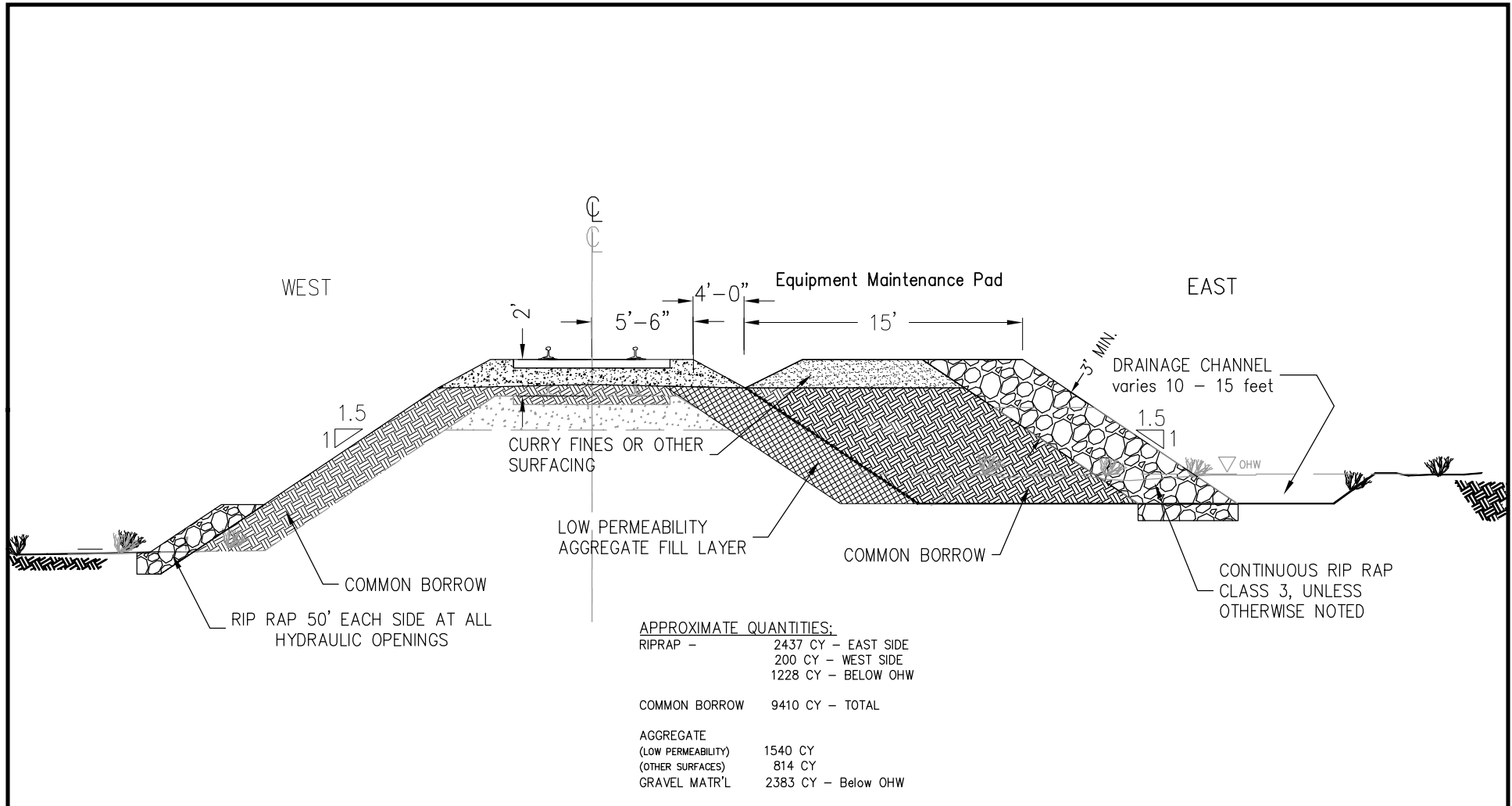
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WATERWAY: Skookum Creek

FILE NO.: POA-2011-874

LOCATION: T8N, R3E, S18 & S19, SM
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Railbed Cross Section - 1 FT Raise



**Skookum Creek
Flood Control Improvements
MP 59 - 60.15**

Date: 7/27/2015

Projection: Alaska State Plane NAD83 Zn4 Feet

Map Notes:

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2. Wetlands Source: HDR 09/25/2014
3. Adjacent Property Owner: United States Forest Service

SUPERIMPOSED CROSS - SECTION
BETWEEN HYDRAULIC OPENINGS
MILE 59.4 TO MILE 59.9
(LOOKING NORTH)

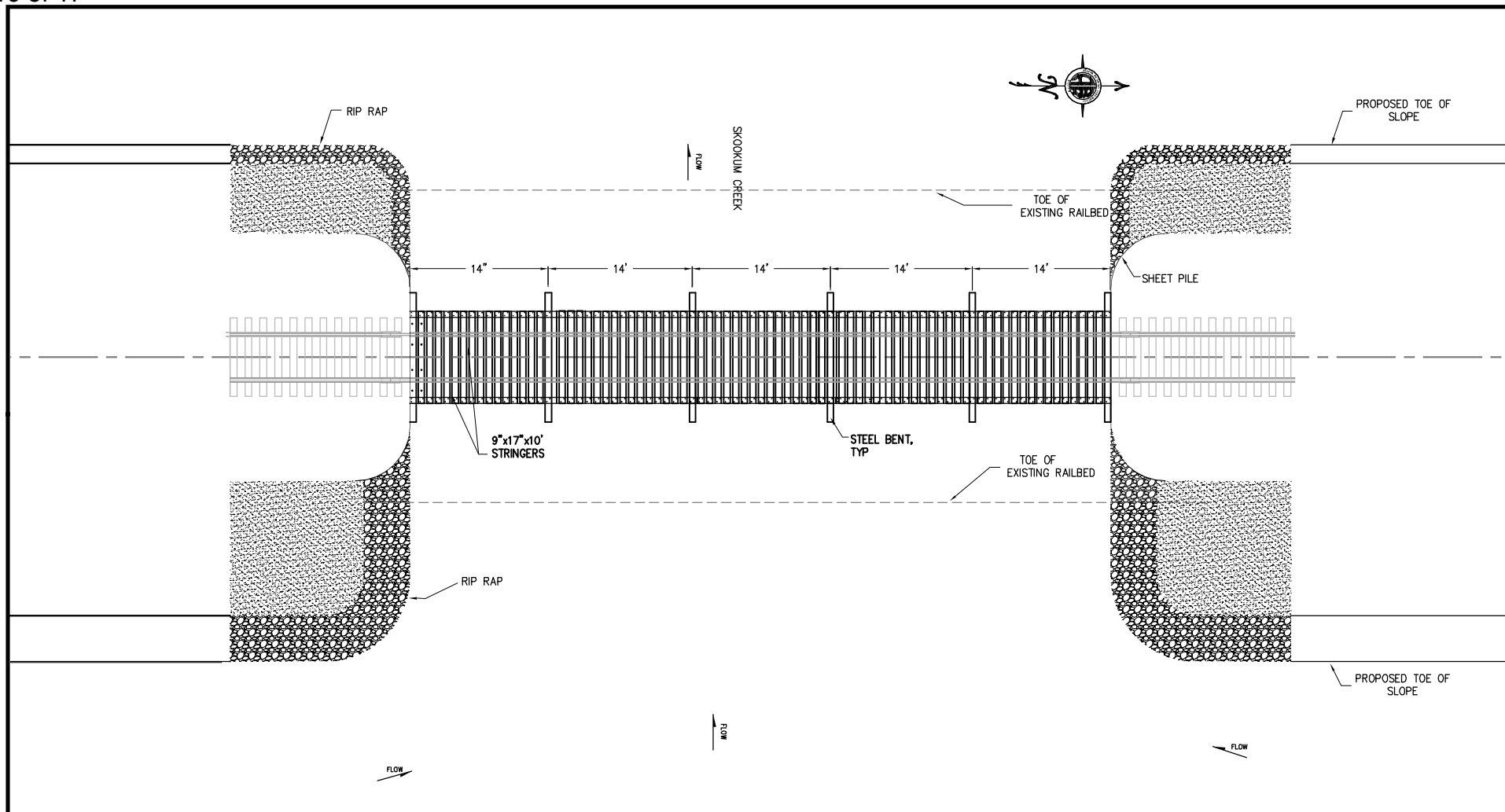
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Anchorage, Alaska 99510-7500

WATERWAY: Skookum Creek

FILE NO.: POA-2011-874

LOCATION: T8N, R3E, S18 & S19, SM
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Railbed Cross Section - 2 FT Raise



**Skookum Creek
Flood Control Improvements
MP 59 - 60.15**

Date: 7/27/2015

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Map Notes:

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MATERIAL REMOVED FOR NEW BRIDGE

Approximately 448 C.Y. (0.046 acres)

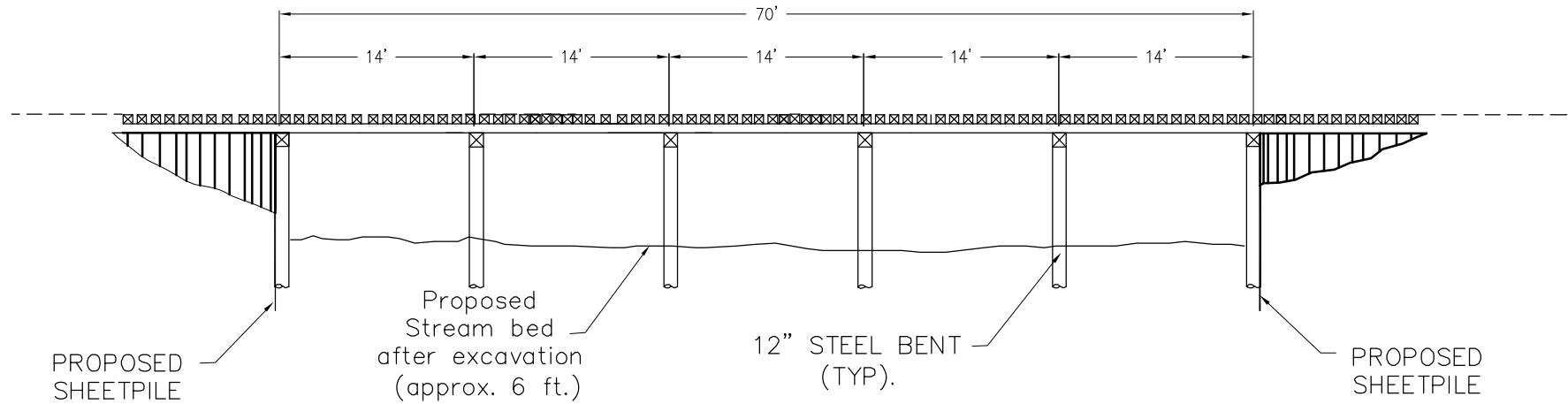
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WATERWAY: Skookum Creek

FILE NO.: POA-2011-874

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Bridge 59.7 Plan 2 ft. Raise



**Skookum Creek
Flood Control Improvements
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Date: 7/27/2015

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3. Adjacent Property Owner: United States
Forest Service

CONSTRUCTION SEQUENCE:

- Drive Piles and Sheetpile.
- Excavate above Bents for installation of Bridge Caps.
- Install Bridge.
- Excavate under structure to establish stream bed.

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New Bridge Profile - 59.7