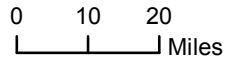


Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska


Sterling Highway from  
Milepost 45 to Milepost 60




HORIZONTAL DATUM:  
NAD 1983, State Plane Zone 4

 Study Area

 Highway

 Secondary/Local  
Roads

 Kenai Peninsula  
Borough



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

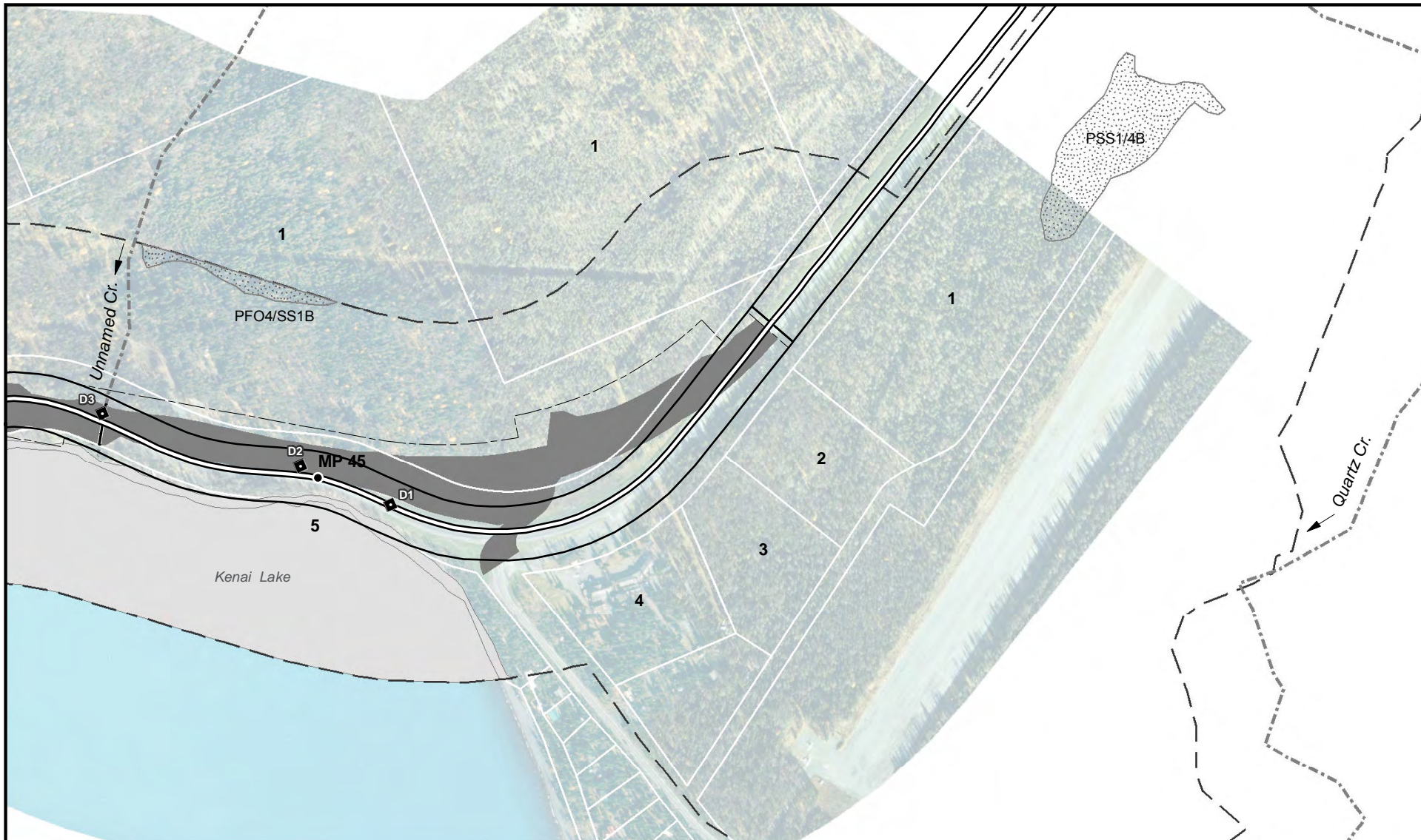
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 1 OF 23

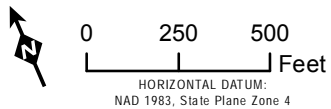
DATE: January 22, 2018





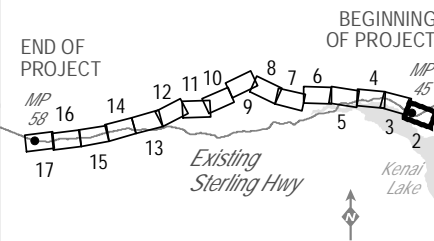
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 2 OF 23

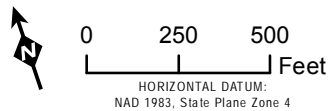
DATE: January 25, 2018





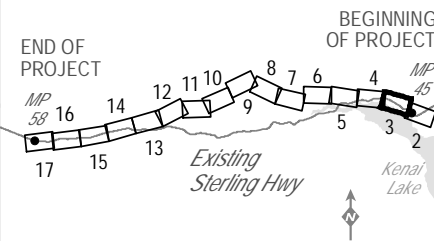
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

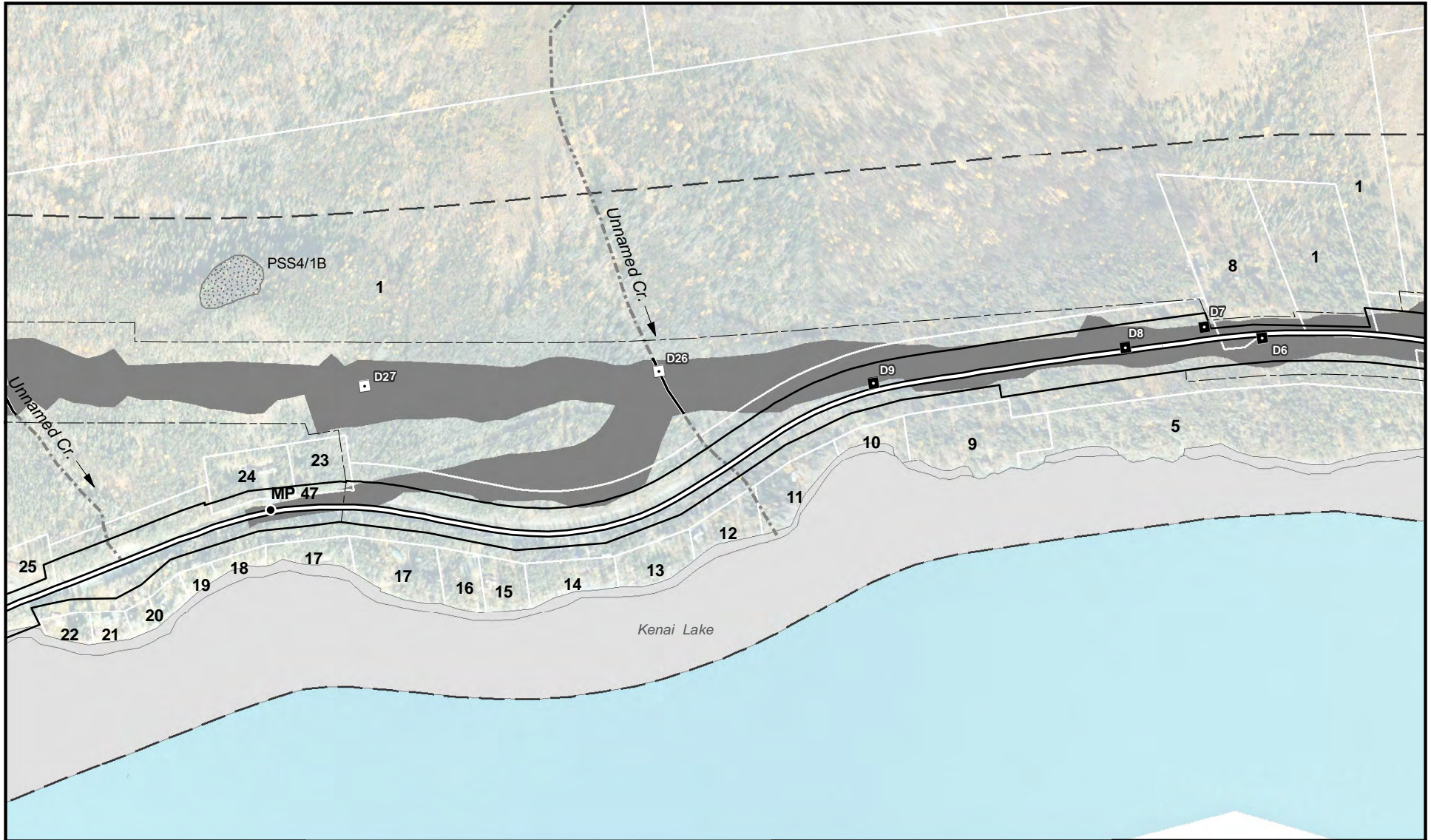
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 3 OF 23

DATE: January 25, 2018





Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60

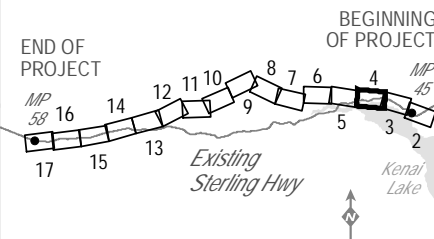


0 250 500  
Feet

HORIZONTAL DATUM:  
NAD 1983, Slate Plane Zone 4

- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

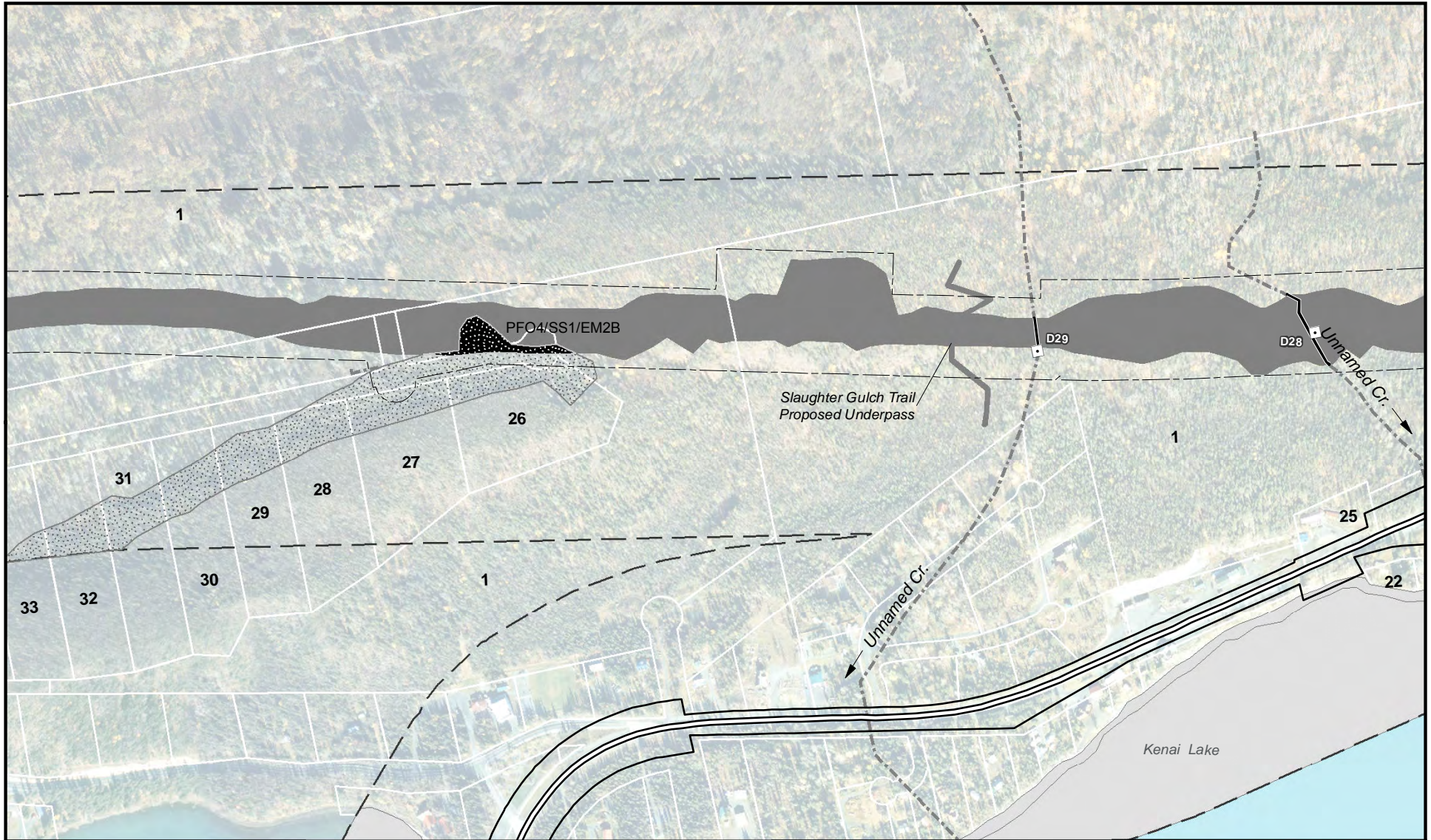
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 4 OF 23

DATE: January 25, 2018





Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60

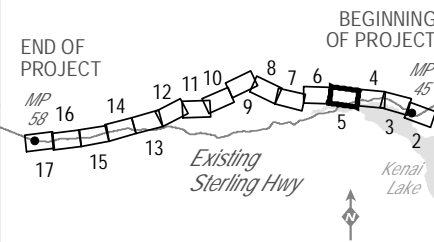


0 250 500  
Feet

HORIZONTAL DATUM:  
NAD 1983, Slate Plane Zone 4

- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

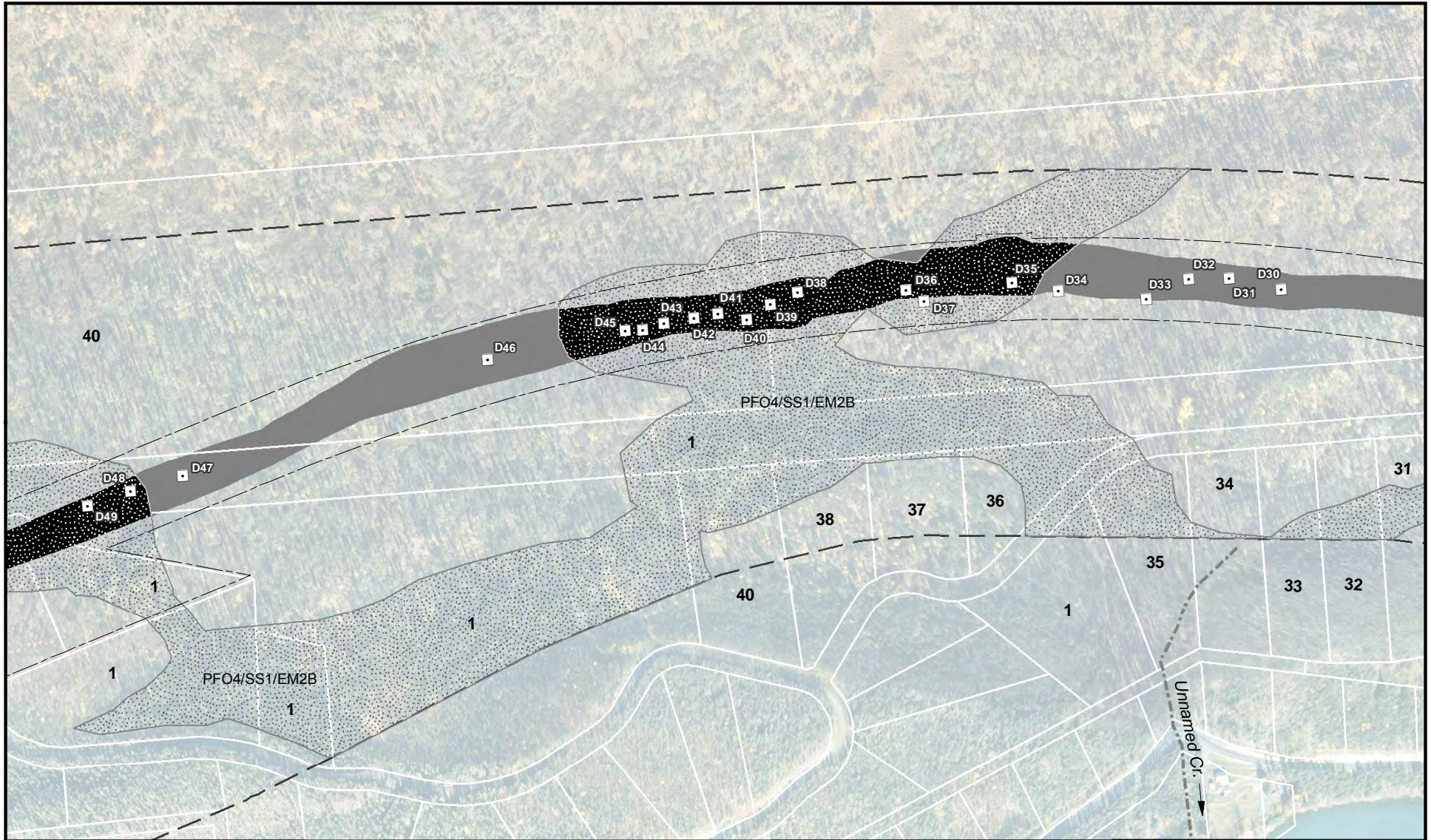
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 5 OF 23

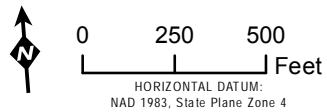
DATE: January 25, 2018





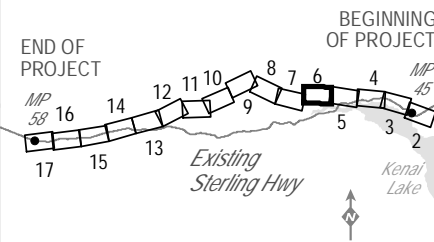
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

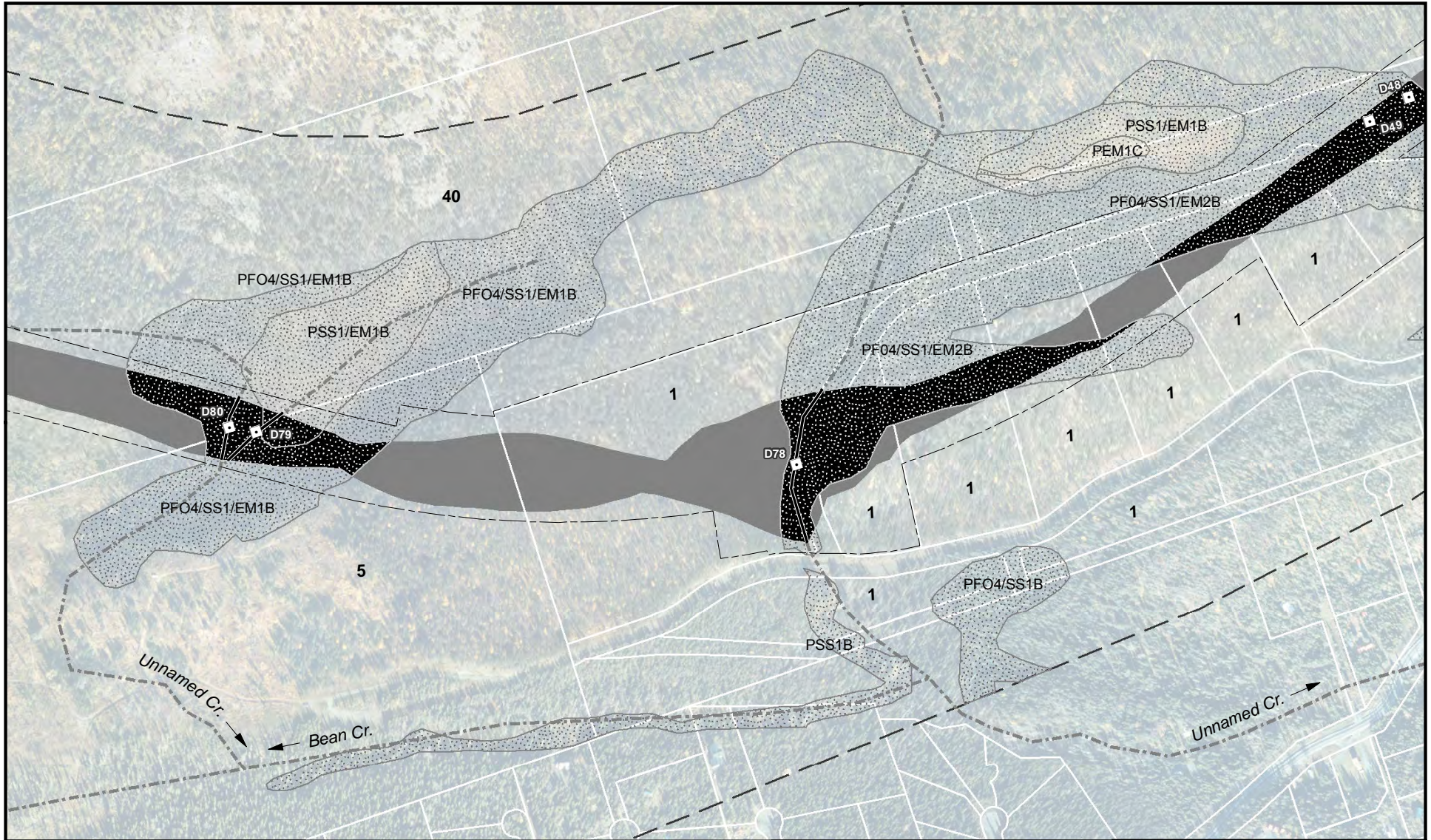
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W;  
Sections 35, 36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 6 OF 23

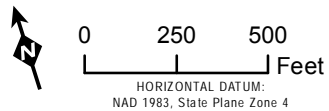
DATE: January 25, 2018





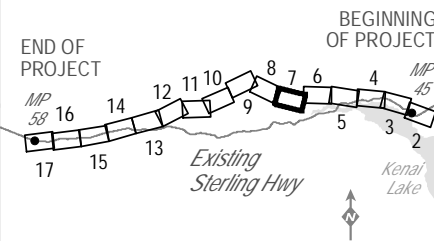
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |                                       |
|------------------------------|---------------------------------------|
| Potential Wetland Impact     | Proposed Cut/Fill Limits              |
| Wetland                      | Right-of-Way                          |
| Potential Stream Impact      | Existing Right-of-Way                 |
| Potential Stream Realignment | Bridge                                |
| Stream                       | Existing Highway                      |
| Wetland Mapping Limits       | Parcel                                |
| Replace Existing Culvert*    | See Sheet 18 for Land Ownership Table |
| New Culvert*                 |                                       |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

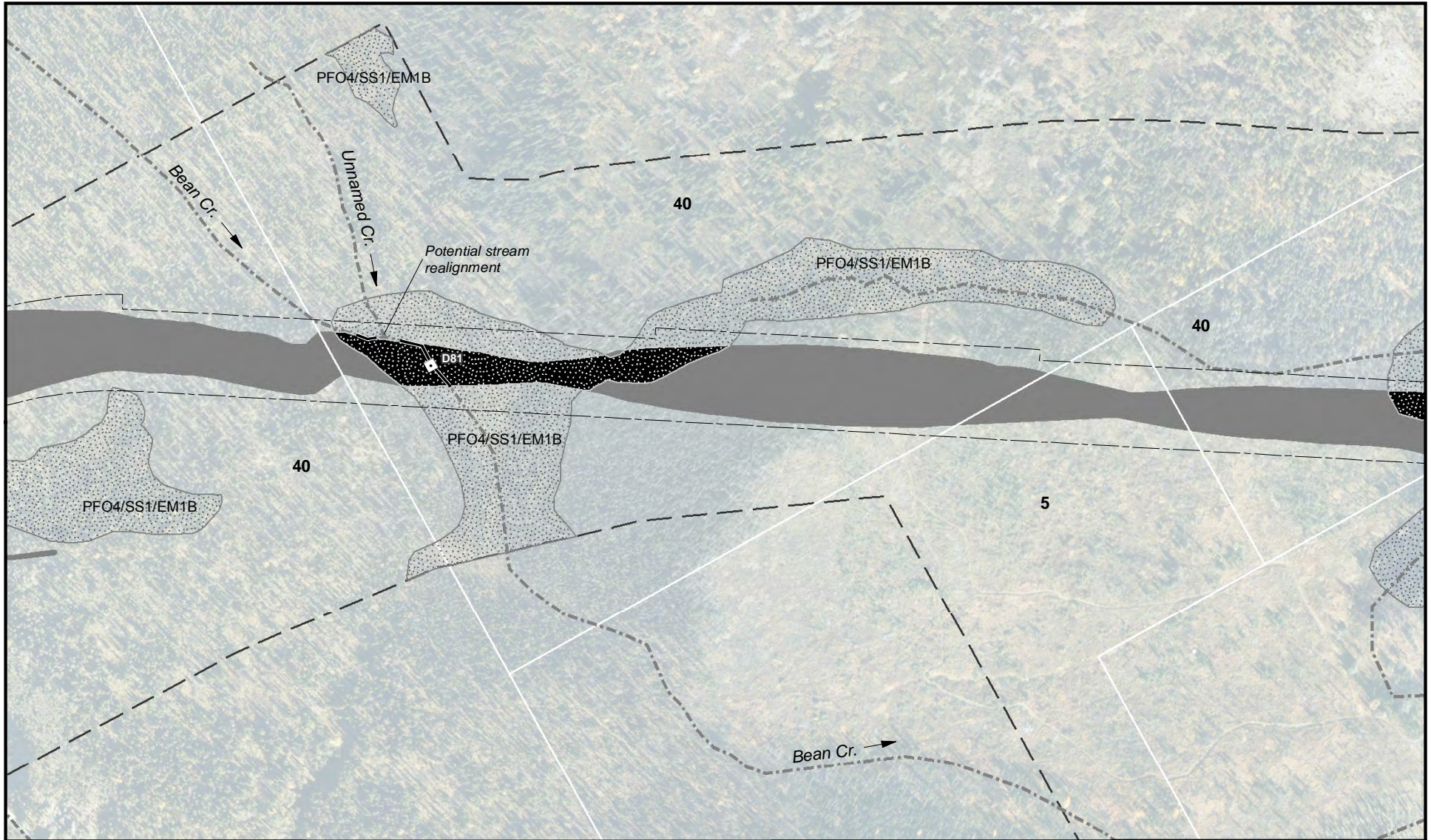
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 7 OF 23

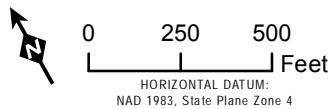
DATE: January 25, 2018





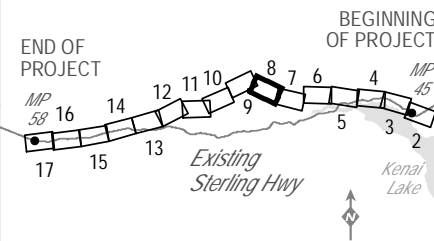
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

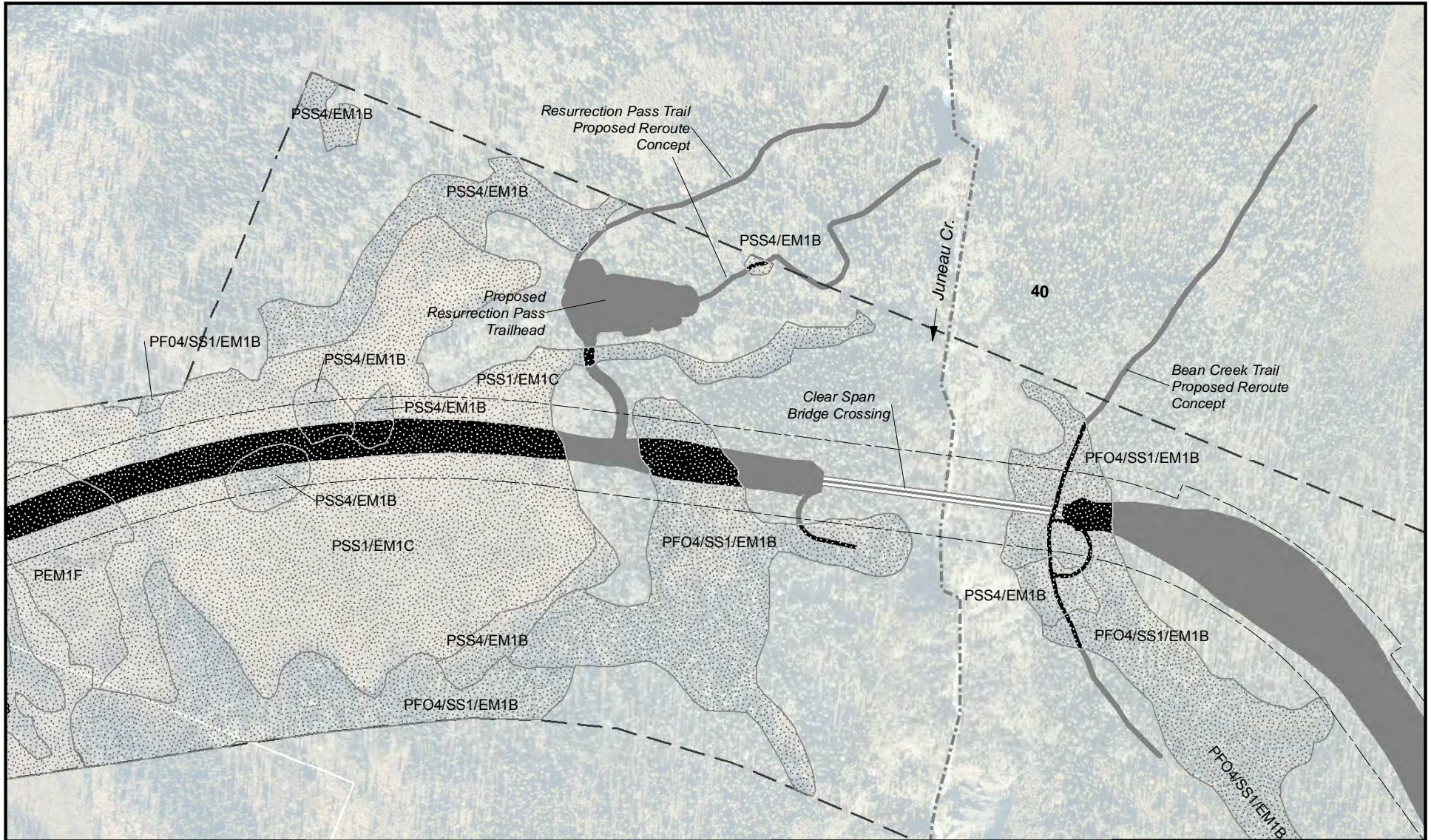
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 8 OF 23

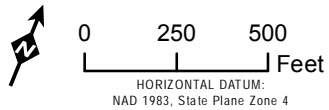
DATE: January 25, 2018





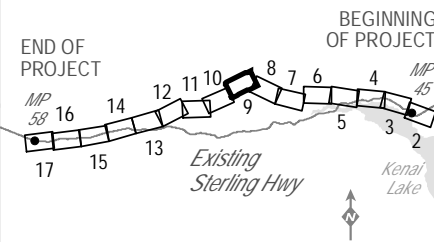
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

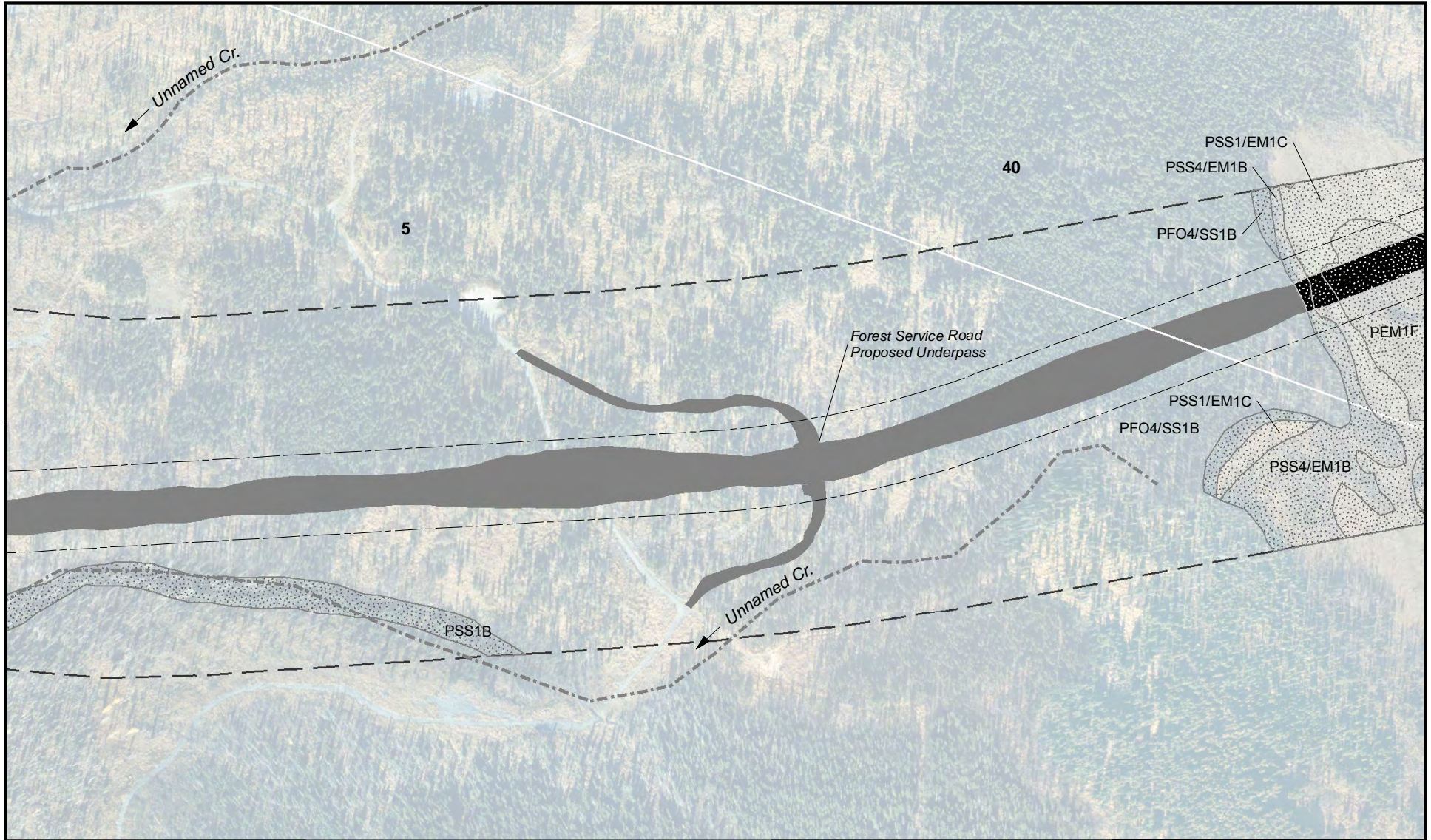
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 9 OF 23

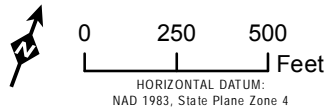
DATE: January 25, 2018





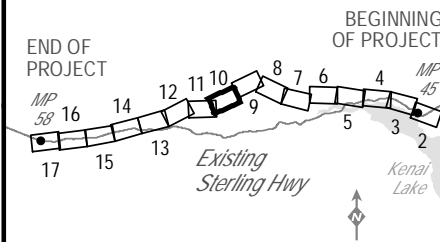
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

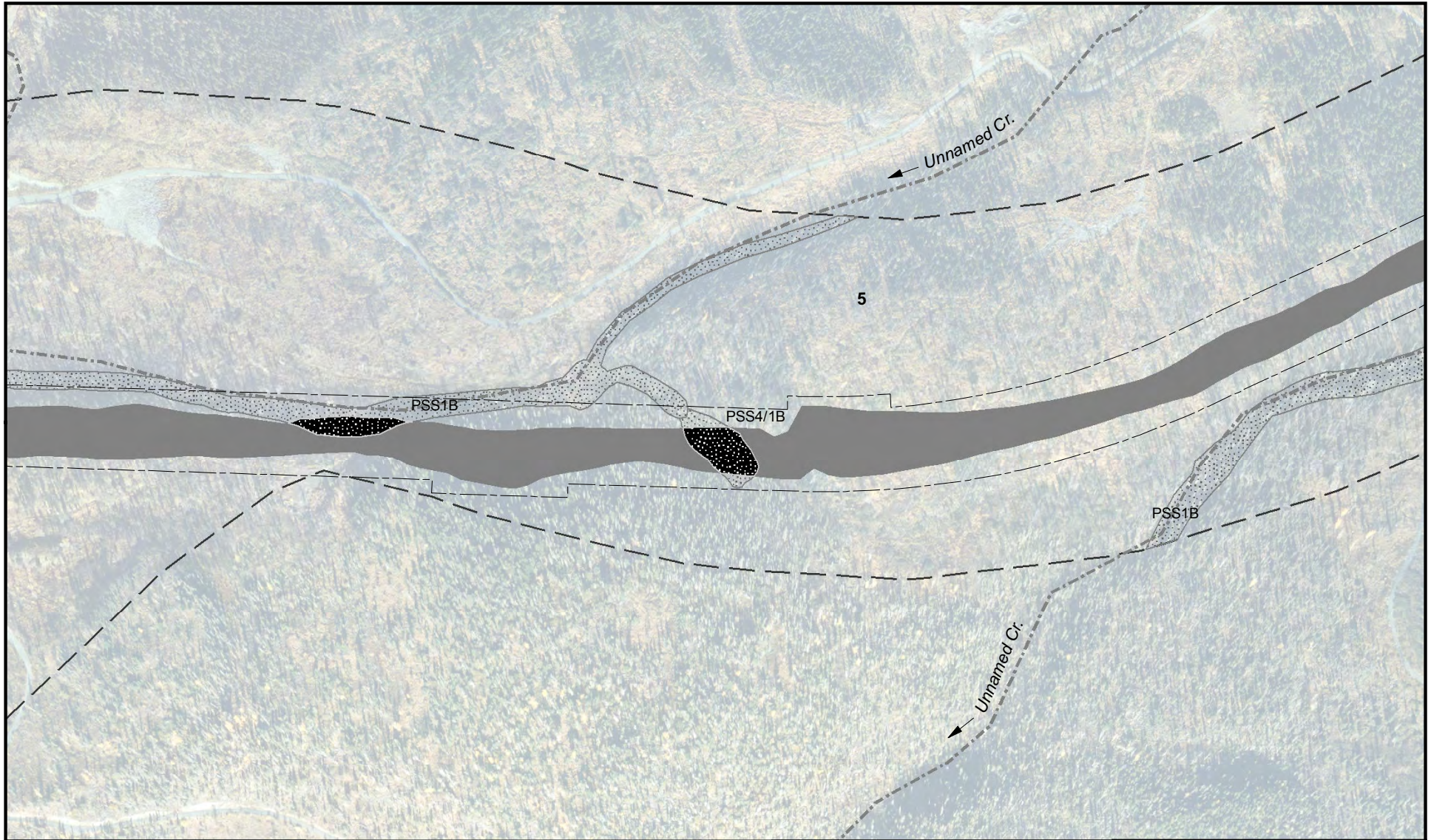
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 10 OF 23

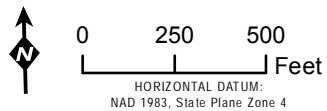
DATE: January 25, 2018





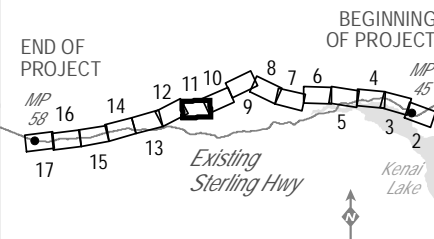
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

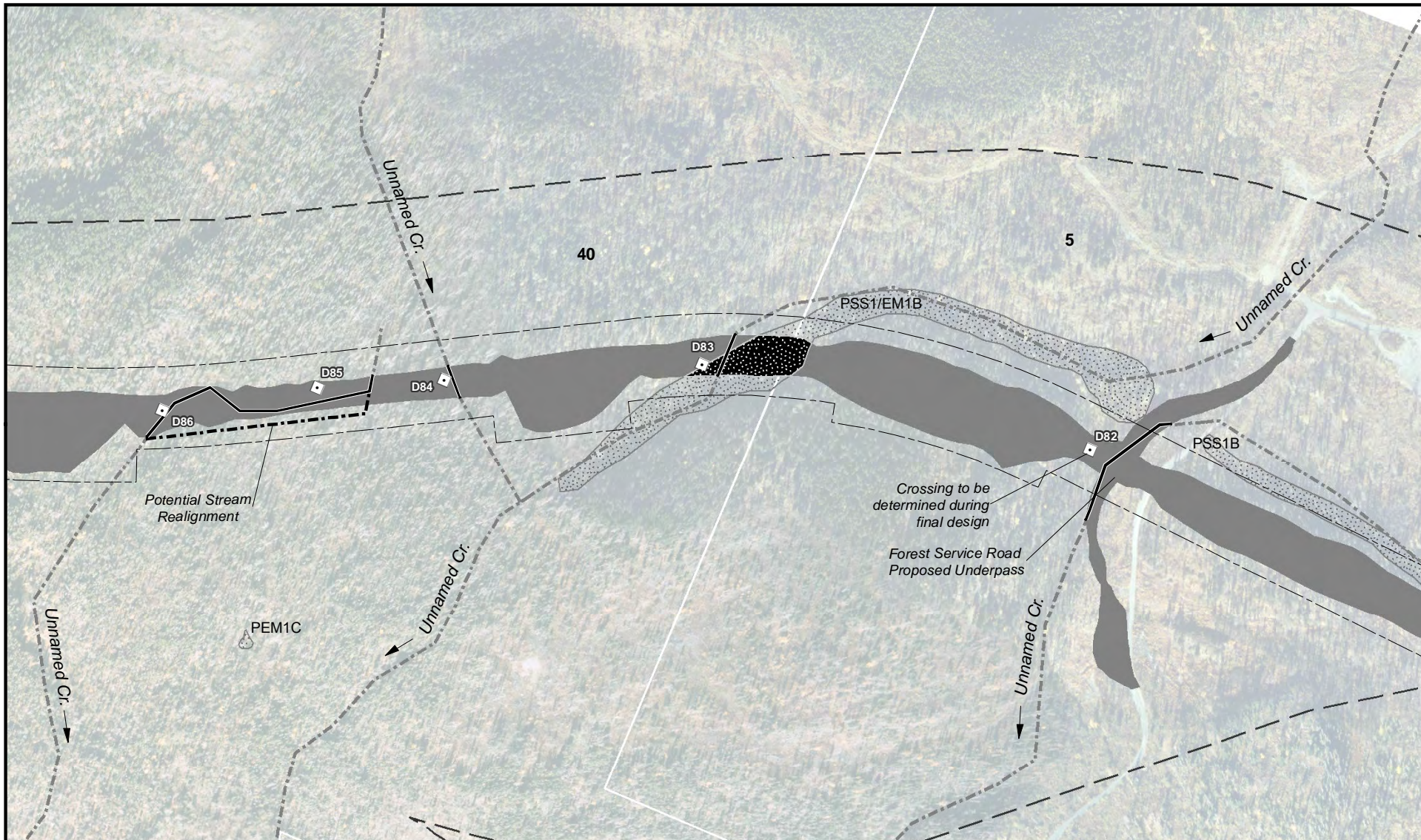
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 11 OF 23

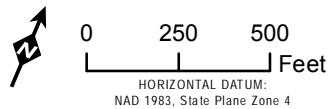
DATE: January 25, 2018





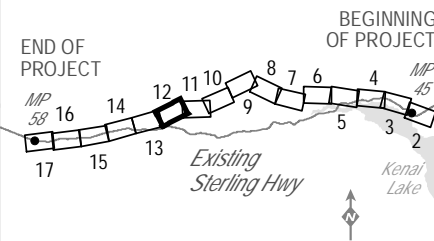
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

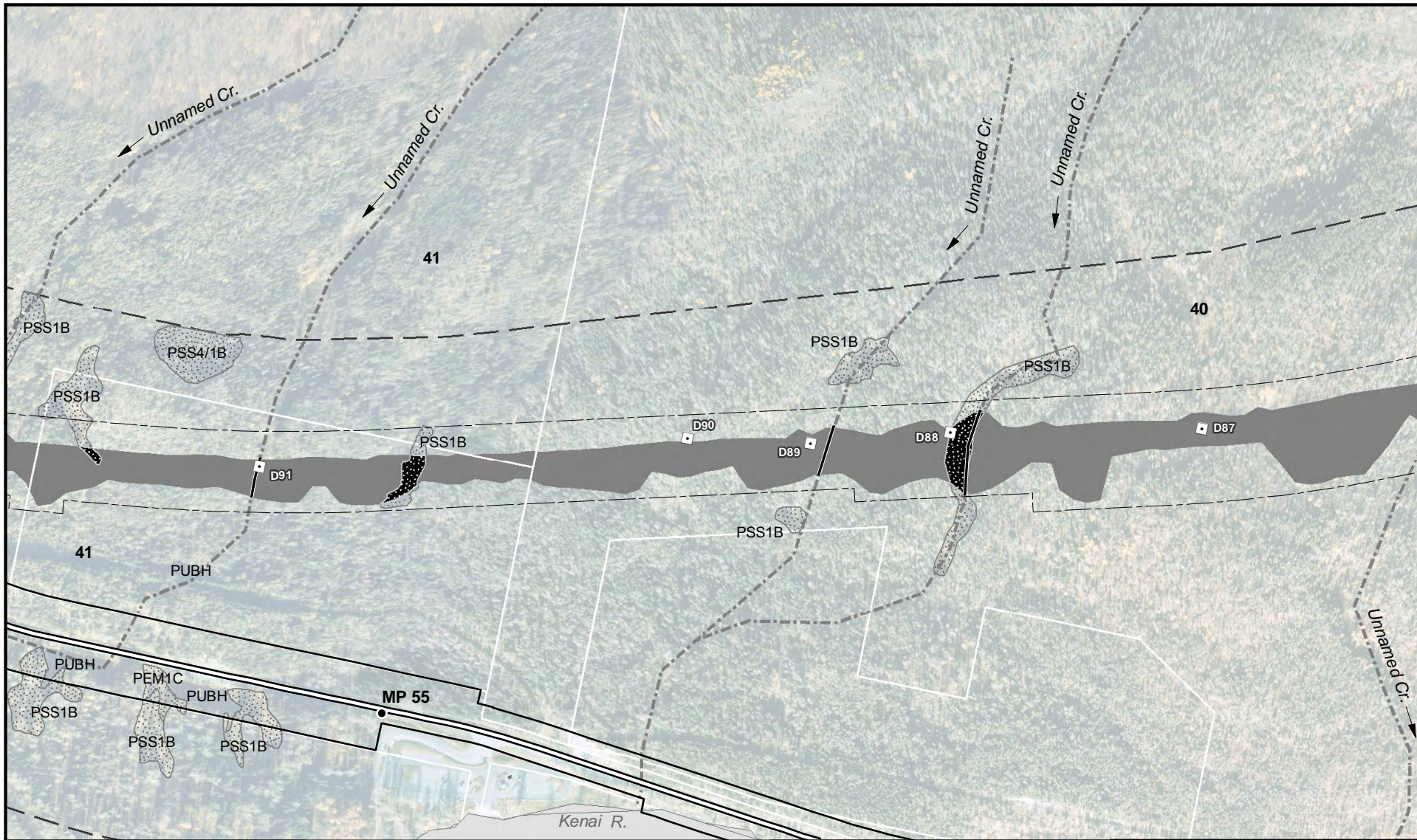
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 12 OF 23

DATE: January 25, 2018





Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60

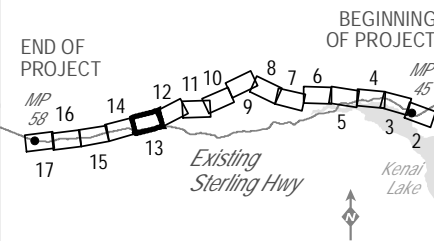


0 250 500  
Feet

HORIZONTAL DATUM:  
NAD 1983, Slate Plane Zone 4

- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

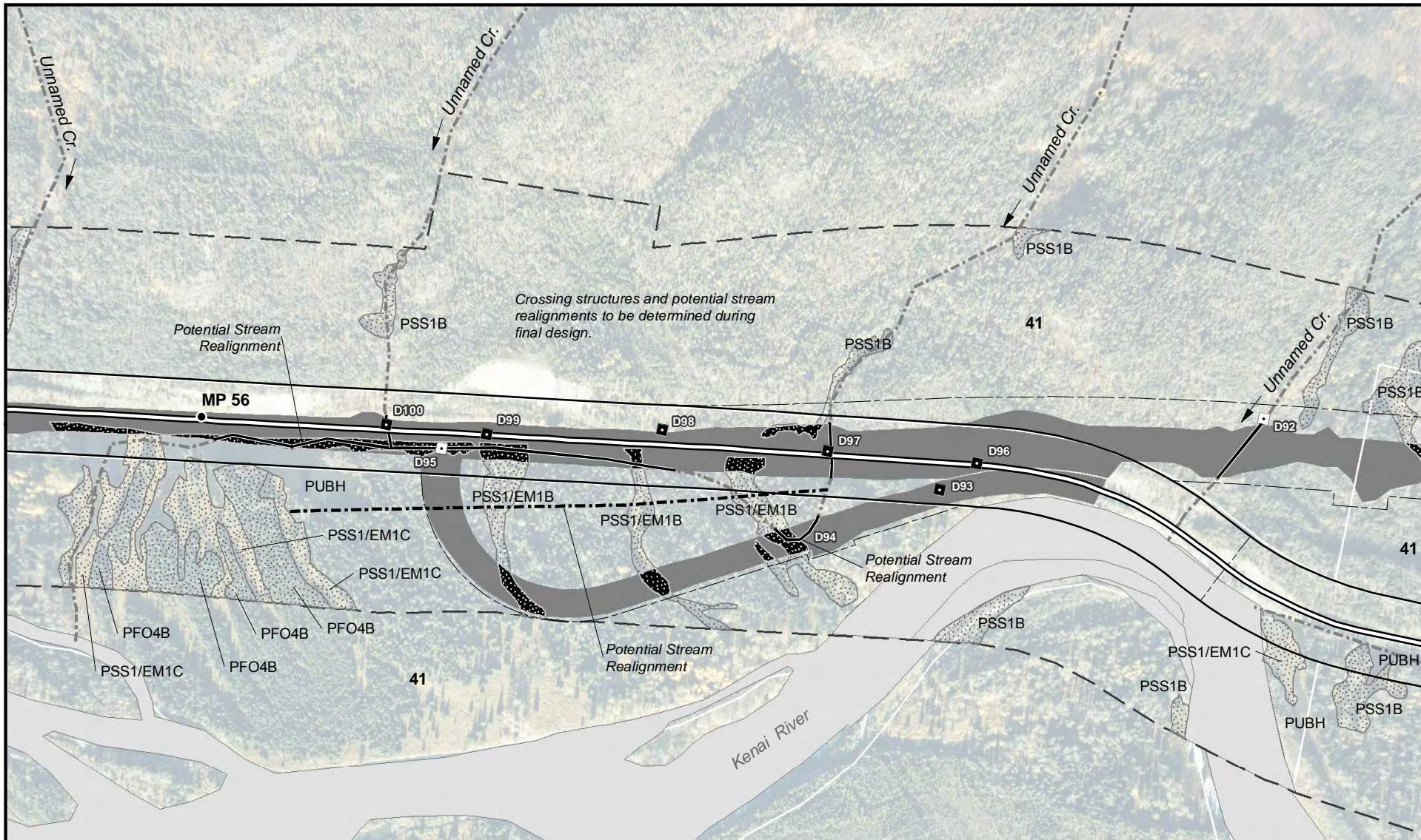
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 13 OF 23

DATE: January 25, 2018



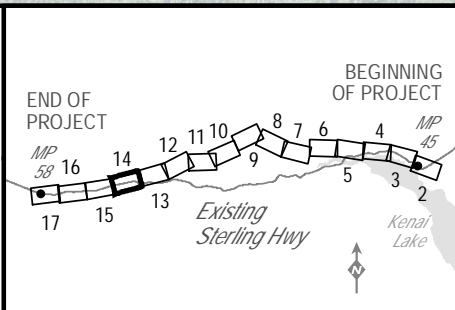


Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60

HORIZONTAL DATUM:  
NAD 1983, Slate Plane Zone 4

- Potential Wetland Impact
  - Wetland
  - Potential Stream Impact
  - Potential Stream Realignment
  - Stream
  - Wetland Mapping Limits
  - Replace Existing Culvert\*
  - New Culvert\*
  - Proposed Cut/Fill Limits
  - Right-of-Way
  - Existing Right-of-Way
  - Bridge
  - Existing Highway
  - Parcel  
See Sheet 18 for Land Ownership Table
- \*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

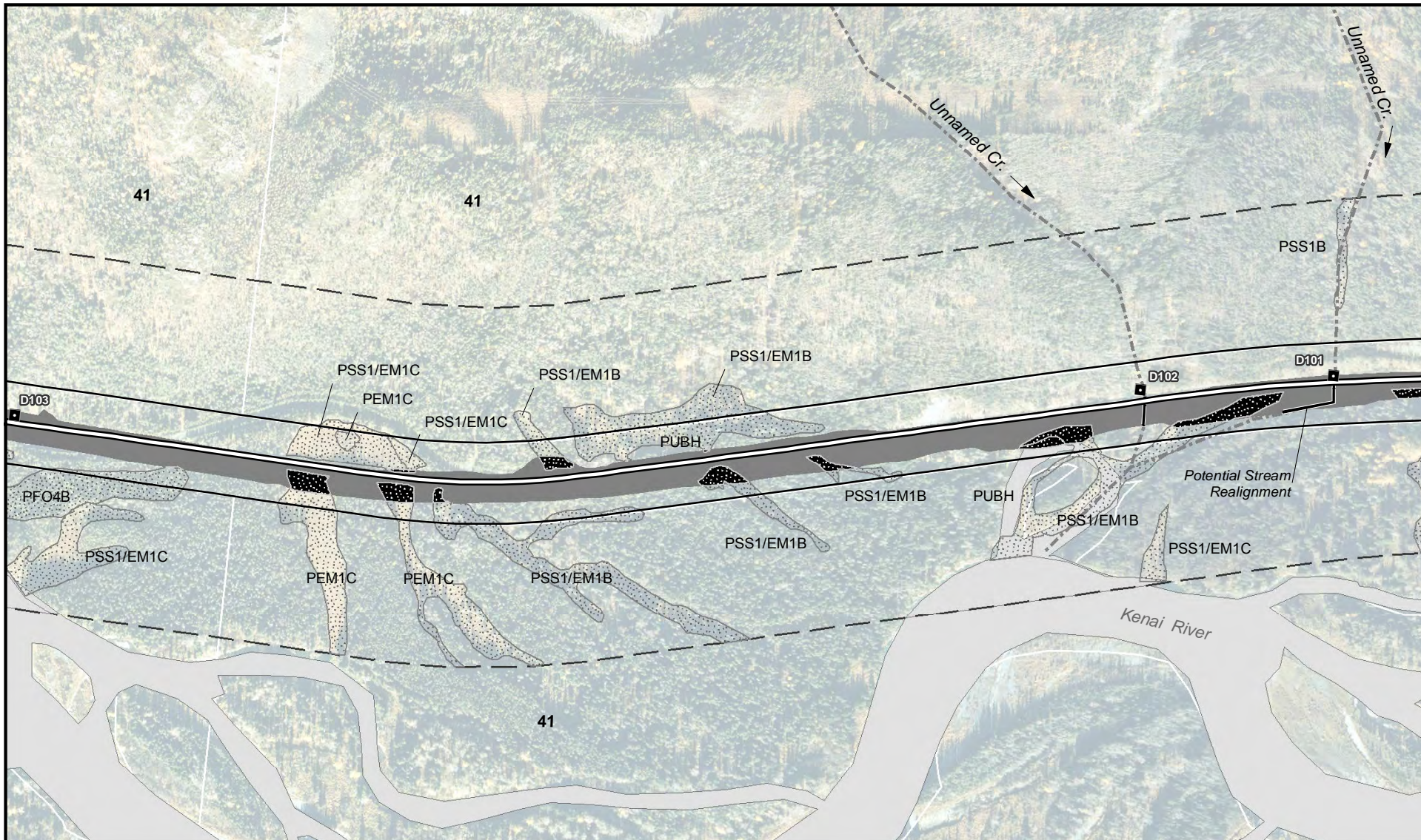
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 14 OF 23

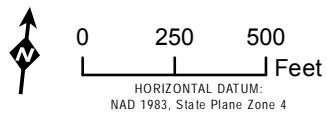
DATE: January 25, 2018





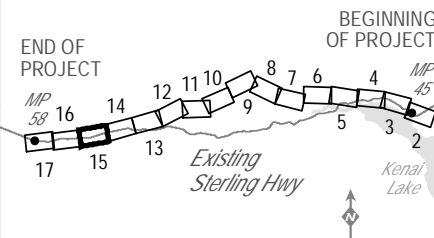
Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

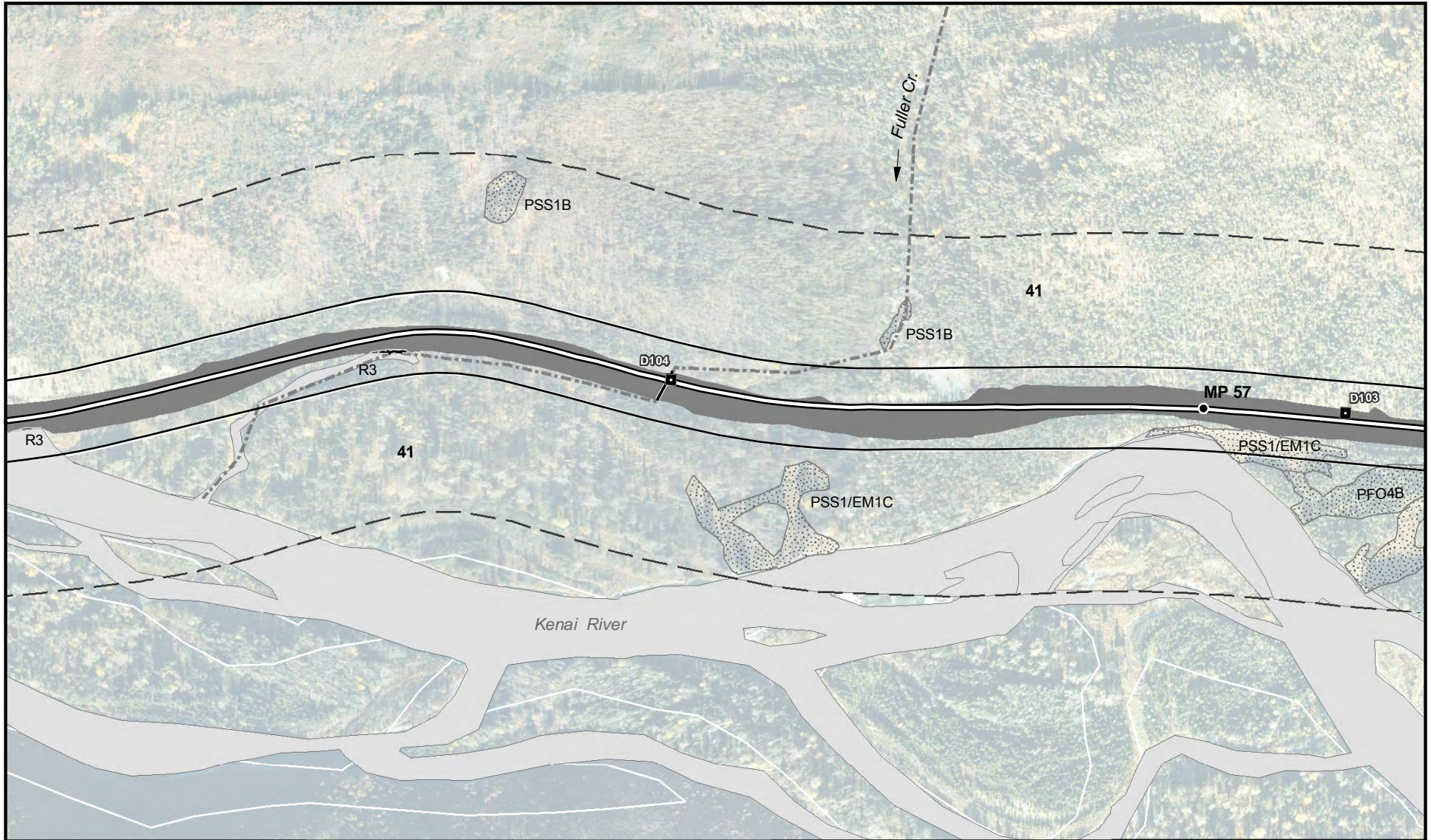
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W;  
Sections 35, 36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 15 OF 23

DATE: January 25, 2018





Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60

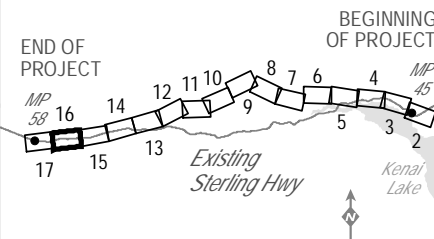


0 250 500  
Feet

HORIZONTAL DATUM:  
NAD 1983, Slate Plane Zone 4

- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

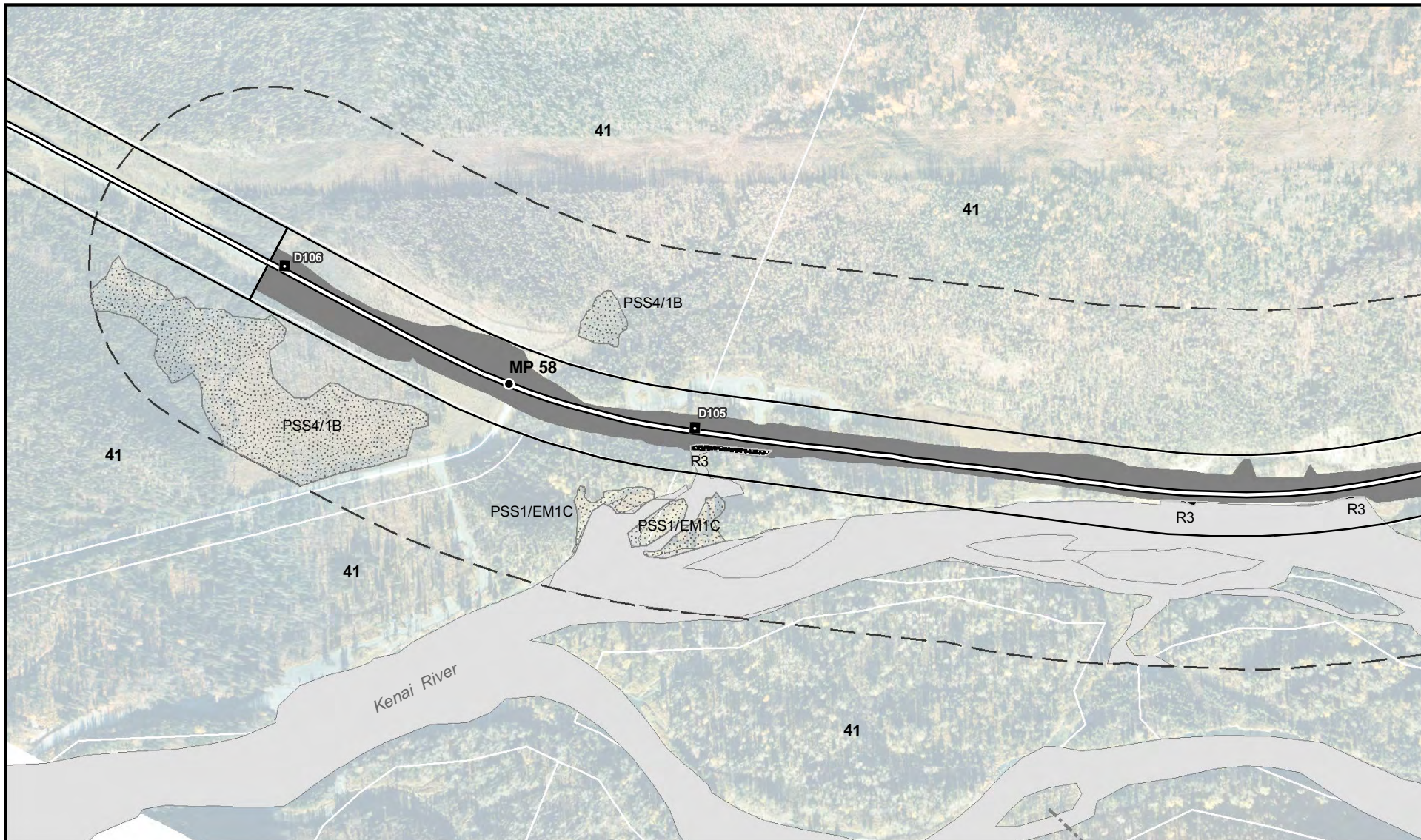
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 16 OF 23

DATE: January 25, 2018





Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60

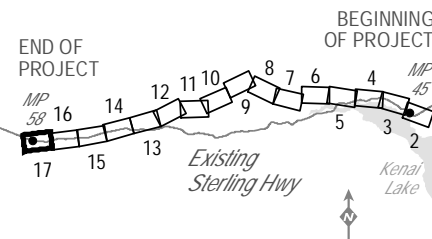


0 250 500  
Feet

HORIZONTAL DATUM:  
NAD 1983, Slate Plane Zone 4

- |                              |  |
|------------------------------|--|
| Potential Wetland Impact     | Proposed Cut/Fill Limits                           |
| Wetland                      | Right-of-Way                                       |
| Potential Stream Impact      | Existing Right-of-Way                              |
| Potential Stream Realignment | Bridge   |
| Stream                       | Existing Highway                                   |
| Wetland Mapping Limits       | Parcel<br>See Sheet 18 for Land<br>Ownership Table |
| Replace Existing Culvert*    |  |
| New Culvert*                 |  |

\*Culvert locations approximate.



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

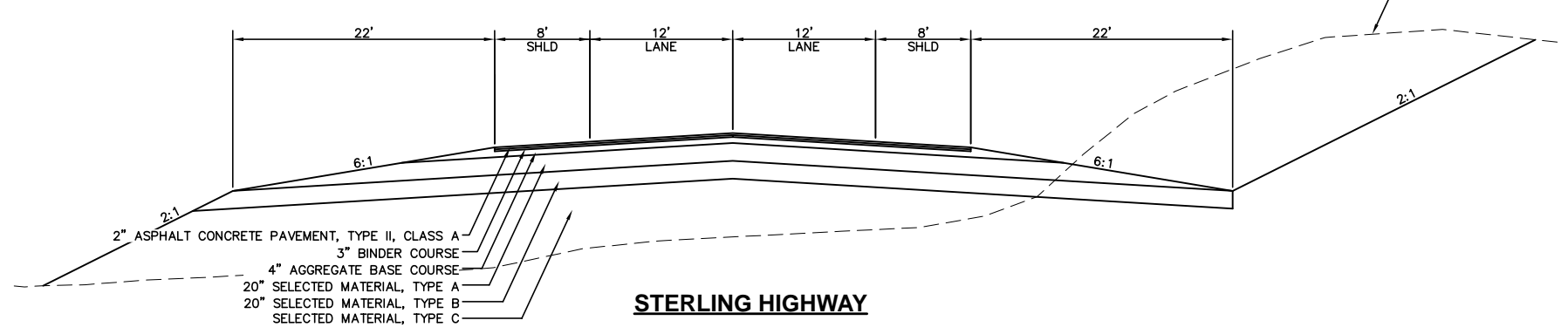
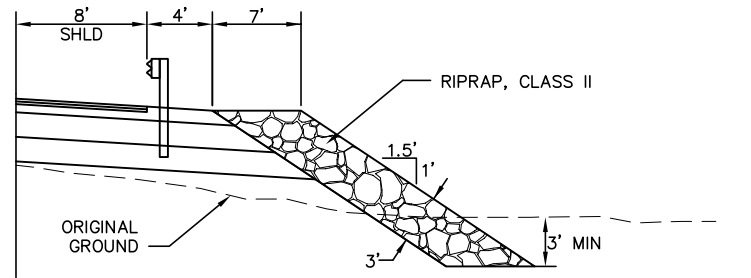
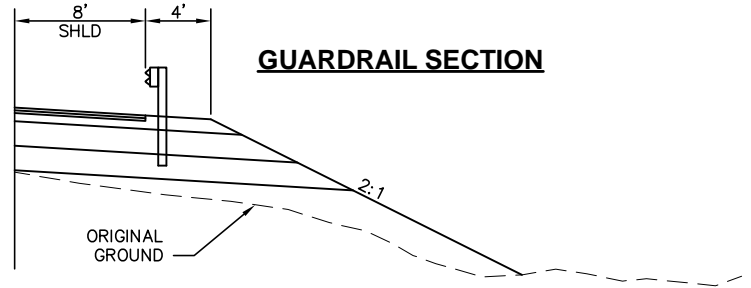
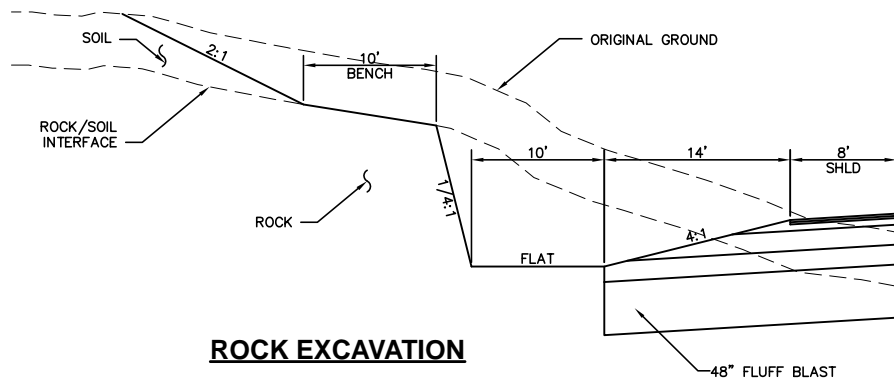
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 17 OF 23

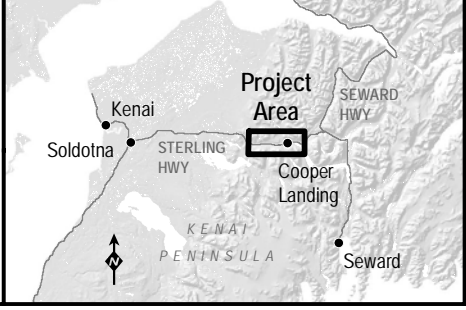
DATE: January 25, 2018





Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

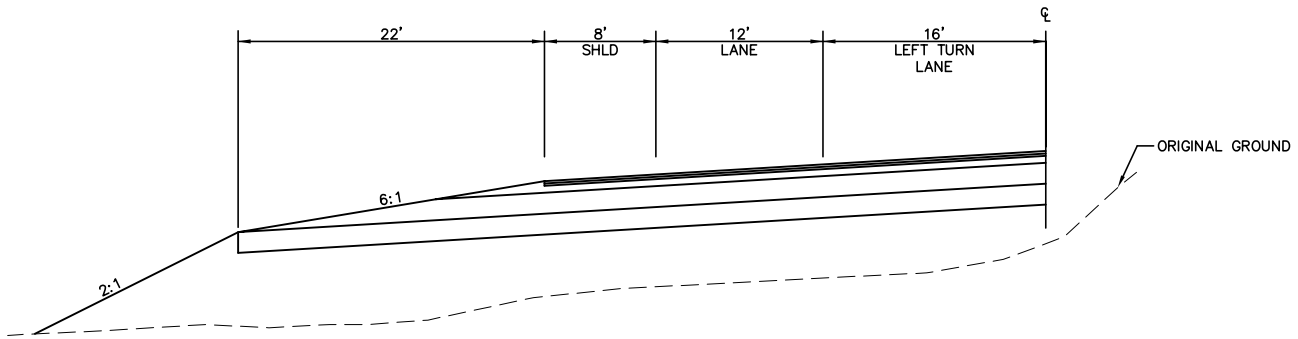
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

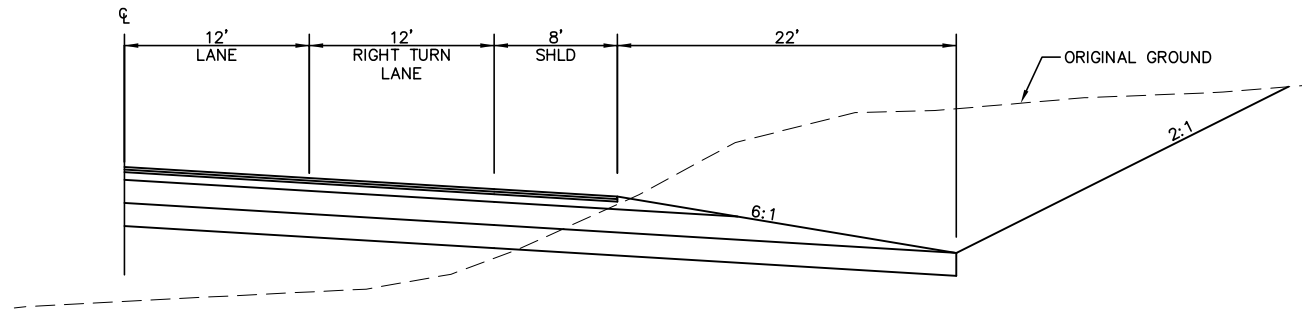
SHEET 18 OF 23

DATE: January 22, 2018

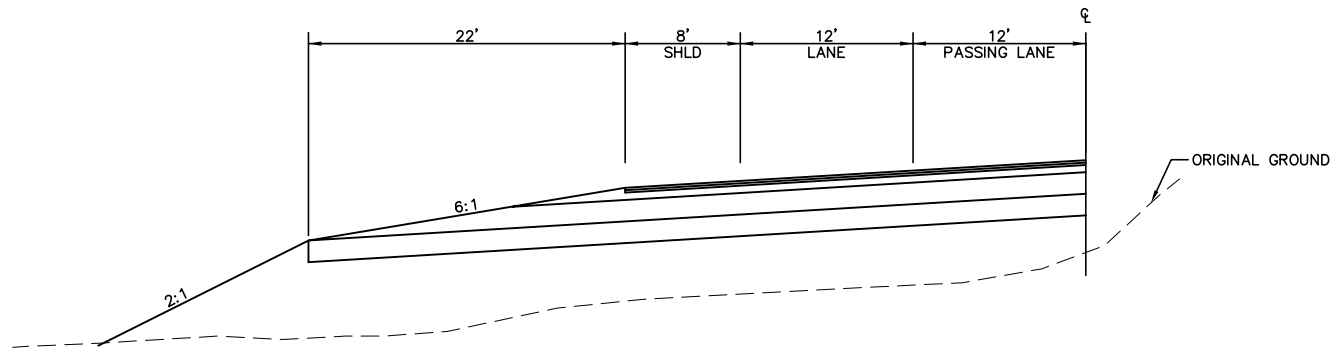




**LEFT TURN LANE**



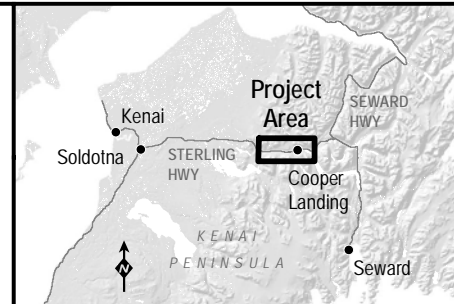
**RIGHT TURN LANE**



**PASSING LANE**

Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



APPLICANT: Alaska Department of  
Transportation and Public Facilities

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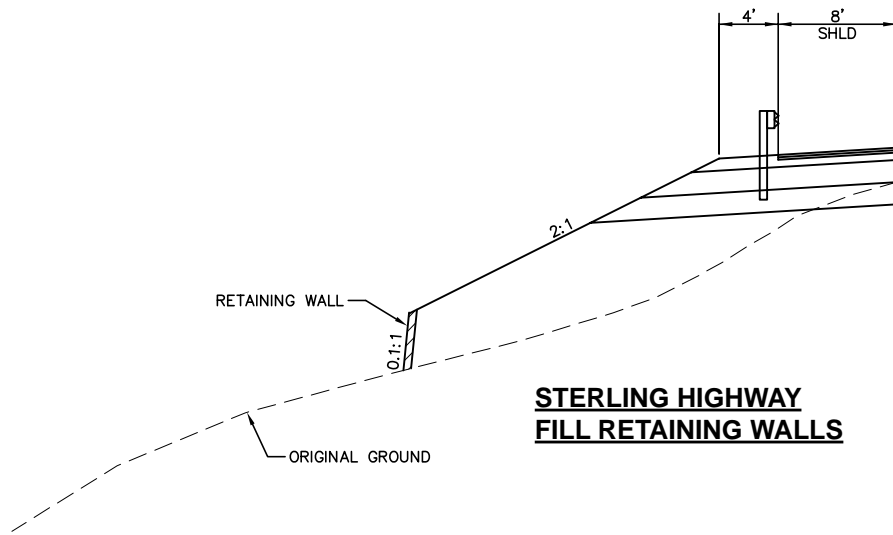
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51 , -149.9

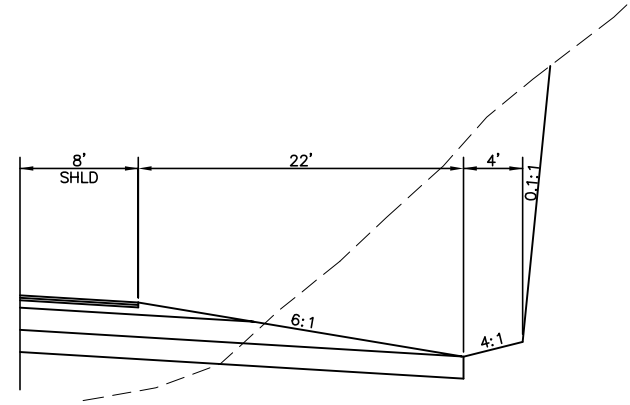
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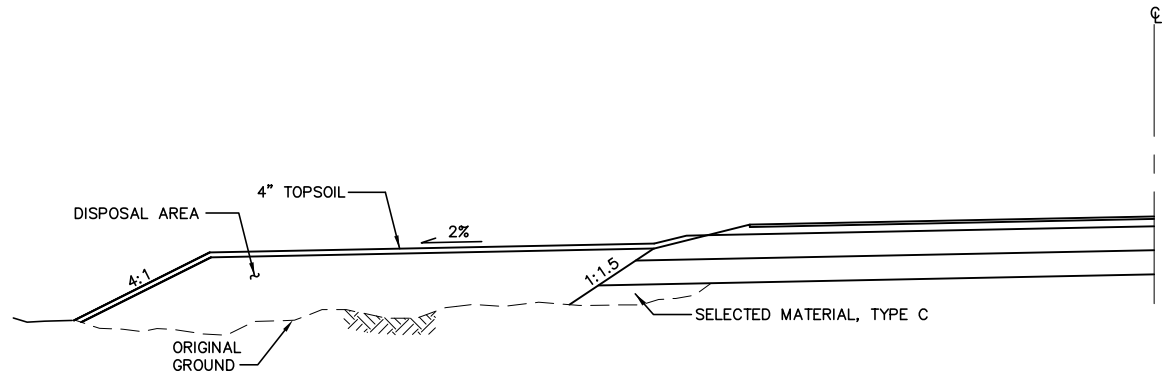




**STERLING HIGHWAY  
FILL RETAINING WALLS**



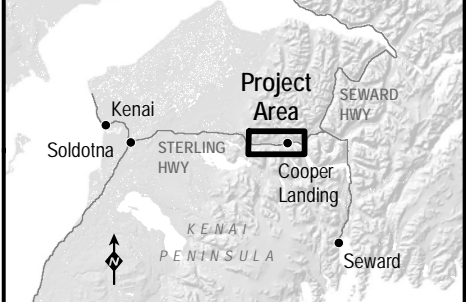
**STERLING HIGHWAY  
CUT RETAINING WALLS**



**DISPOSAL AREAS**

Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

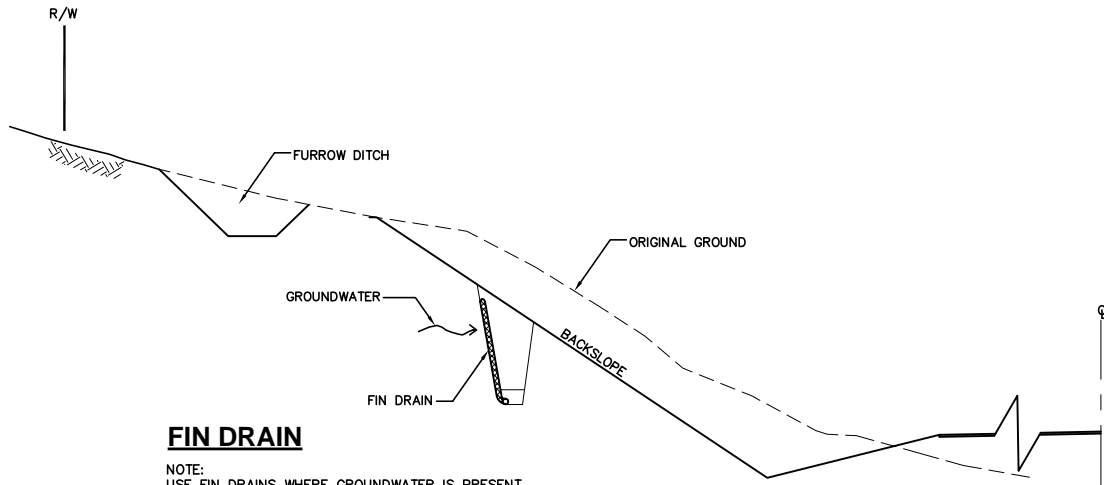
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51 , -149.9

SHEET 21 OF 23

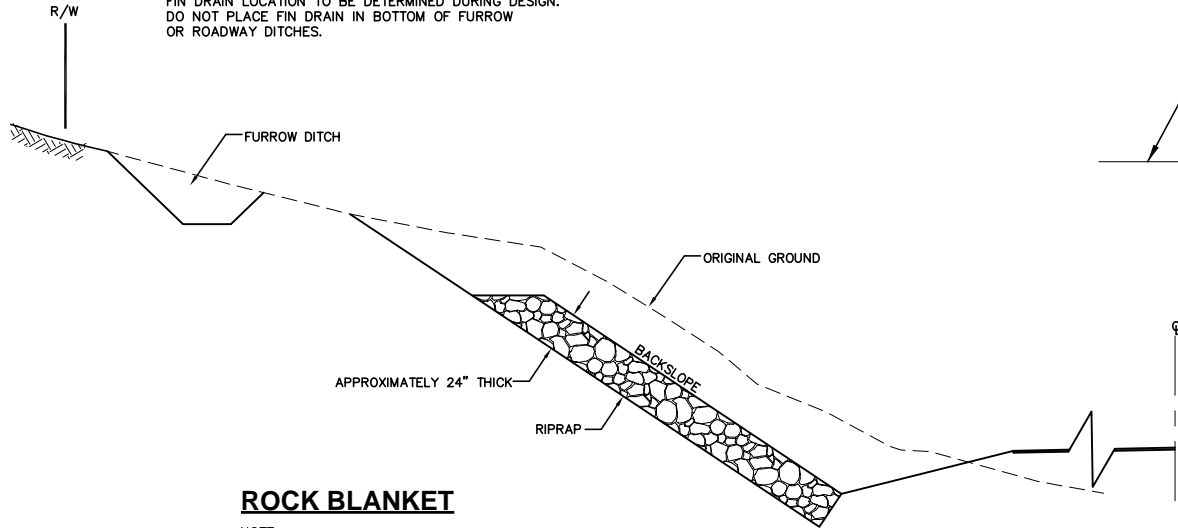
DATE: January 22, 2018





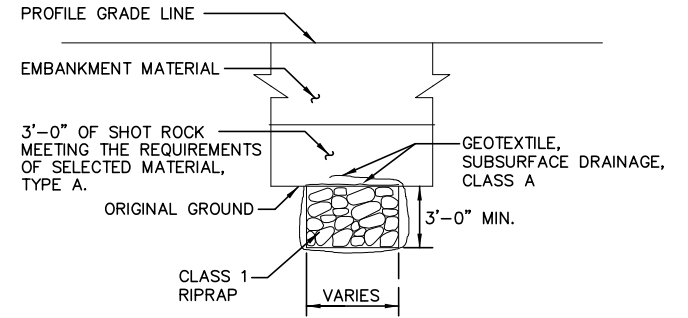
**FIN DRAIN**

NOTE:  
 USE FIN DRAINS WHERE GROUNDWATER IS PRESENT.  
 INTERCEPT GROUND WATER AND CONVEY TO OUTFALL  
 USING A PIPED SYSTEM PROTECTED FROM FREEZING.  
 FIN DRAIN LOCATION TO BE DETERMINED DURING DESIGN.  
 DO NOT PLACE FIN DRAIN IN BOTTOM OF FURROW  
 OR ROADWAY DITCHES.



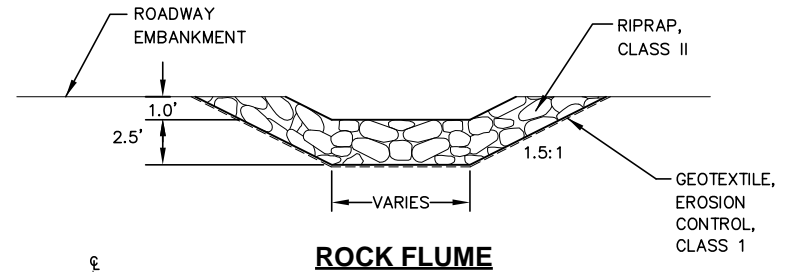
**ROCK BLANKET**

NOTE:  
 USE ROCK BLANKETS ON BACK SLOPES THAT EXPOSE THIXOTROPIC SOIL .



**FRENCH DRAIN**

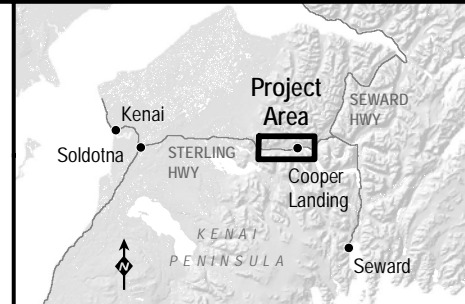
NOTE:  
 USE WHERE ROADWAYS CROSS OVER  
 SUBTERRANEAN DRAINAGE.



**ROCK FLUME**

Sterling Highway MP45-60,  
 Kenai Peninsula Borough, Alaska

Sterling Highway from  
 Milepost 45 to Milepost 60



APPLICANT: Alaska Department of  
 Transportation and Public Facilities

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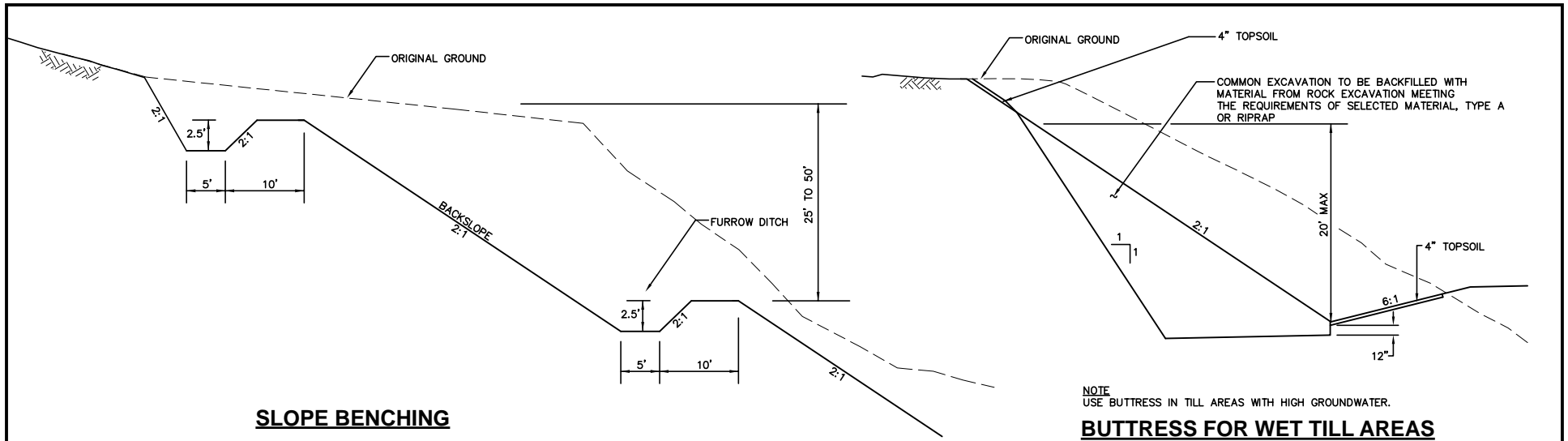
WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
 Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
 36, T5N, R5W, Seward Meridian.  
 Lat/Long: 60.51 , -149.9

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DATE: January 22, 2018



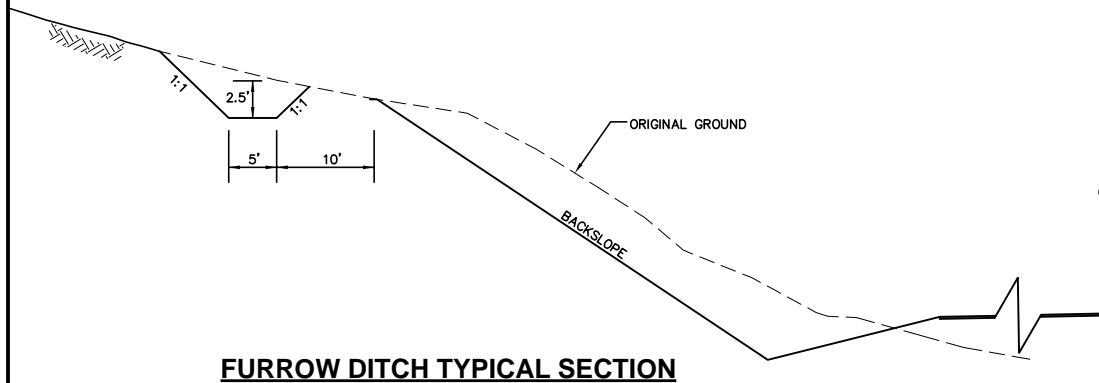


**SLOPE BENCHING**

NOTE:  
CONSIDER SLOPE BENCHING ON TILL BACKSLOPES GREATER THAN 50 FT HIGH.

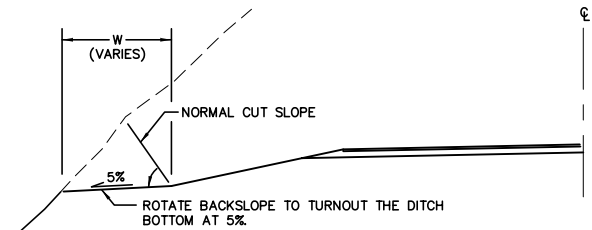
NOTE  
USE BUTTRESS IN TILL AREAS WITH HIGH GROUNDWATER.

**BUTTRESS FOR WET TILL AREAS**



**FURROW DITCH TYPICAL SECTION**

NOTE:  
USE FURROW DITCHES ABOVE CUTS GREATER THAN 30 FT.

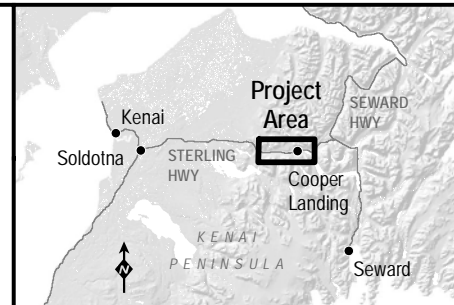


**TYPICAL DITCH BOTTOM TURNOUT**

NOTE  
TURN DITCHES OUT WHERE APPLICABLE TO CREATE A PLEASING AND NATURAL ROADWAY APPEARANCE.

Sterling Highway MP45-60,  
Kenai Peninsula Borough, Alaska

Sterling Highway from  
Milepost 45 to Milepost 60



APPLICANT: Alaska Department of  
Transportation and Public Facilities

FILE NO: POA-1991-836, M1

WATERWAY: Kenai River

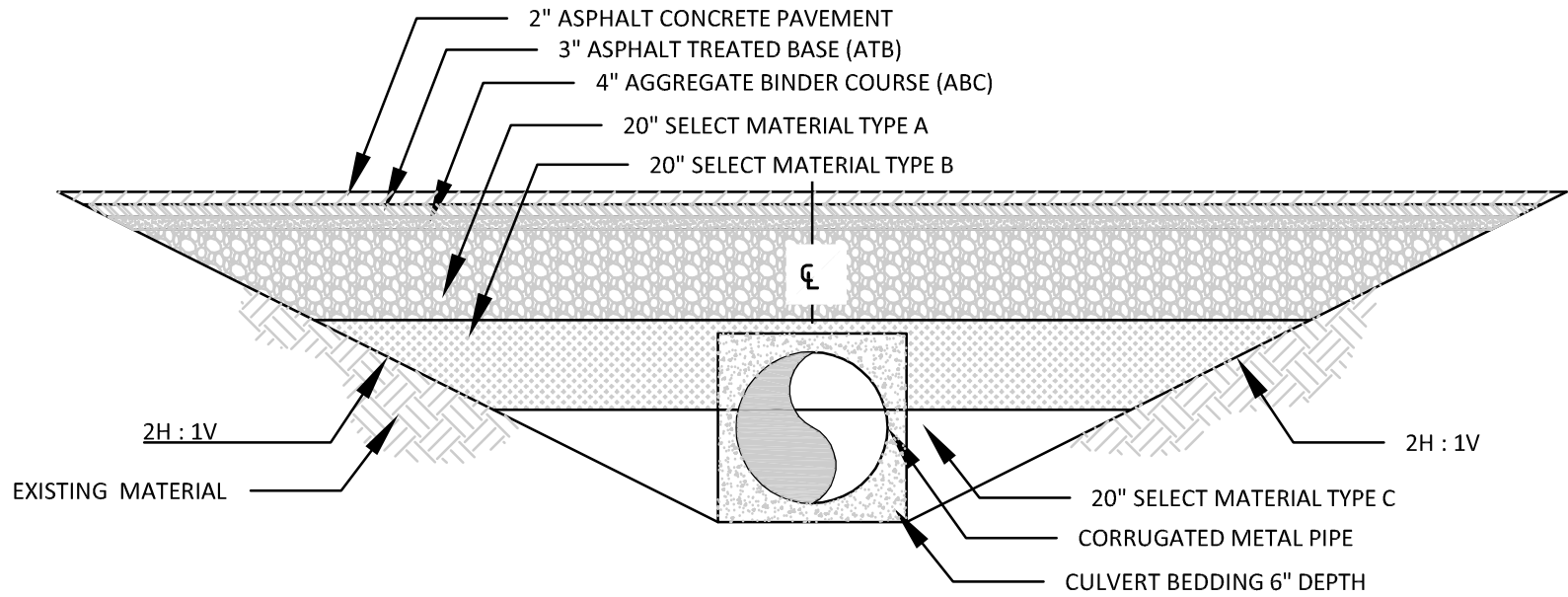
LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
36, T5N, R5W, Seward Meridian.  
Lat/Long: 60.51, -149.9

SHEET 22 OF 23

DATE: January 22, 2018



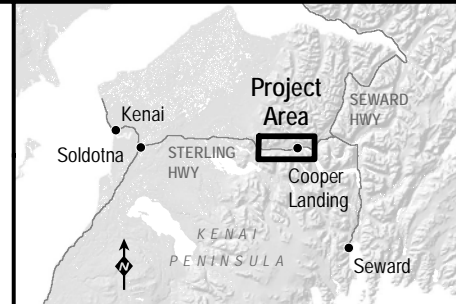
**CULVERT TYPICAL CROSS SECTION**



NTS

Sterling Highway MP45-60,  
 Kenai Peninsula Borough, Alaska

Sterling Highway from  
 Milepost 45 to Milepost 60



APPLICANT: Alaska Department of  
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FILE NO: POA-1991-836, M1

WATERWAY: Kenai River

LOCATION: Sections 19, 25-30, 36, T5N, R3W;  
 Sections 23, 24, 26-32, T5N, R4W; Sections 35,  
 36, T5N, R5W, Seward Meridian.  
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DATE: January 22, 2018