

Appendix F
Hazardous Waste Consultation

ADEC Hazardous Waste Consultation

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Pandey, Subha (DOT)

From: Reese, Evonne R (DEC)
Sent: Thursday, February 04, 2016 11:51 AM
To: Pandey, Subha (DOT); Horwath, Paul D (DEC); Brown, Kristin L (DEC)
Cc: Shea, Kathleen E (DOT); Reese, Evonne R (DEC)
Subject: RE: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation

Hi Subha,

I can respond regarding the two sites managed by the IC Unit which are ADOT&PF Homer Maintenance Shop and Homer Bailing Facility – Landfill. As long as the specifics in the Tech Memo for Right-of-Way Construction and Maintenance Project are followed, I do not have any concerns with this project.

Thanks for the opportunity to provide input to this project planning.

Cheers,

Evonne Reese

Environmental Program Specialist
Contaminated Site Program
Alaska Department of Environmental Conservation
P.O. Box 111800
Juneau, AK 99801

(907) 465-5229

evonne.reese@alaska.gov

From: Pandey, Subha (DOT)
Sent: Thursday, February 04, 2016 9:53 AM
To: Horwath, Paul D (DEC) <paul.horwath@alaska.gov>; Brown, Kristin L (DEC) <kristin.brown@alaska.gov>; Reese, Evonne R (DEC) <evonne.reese@alaska.gov>
Cc: Shea, Kathleen E (DOT) <kathy.shea@alaska.gov>
Subject: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation

Dear Paul, Kristin, and Evonne,

The Alaska Department of Transportation and Public Facilities (DOT&PF) has assumed the responsibilities of the Federal Highway Administration under Section 326 of amended Chapter 3 of Title 23, United States Code (23 U.S.C. 326), and is proposing to carry out the Sterling Highway MP 157-169 Road Rehabilitation Project to restore structural integrity, reduce congestion, and improve the safety of the Sterling Highway from Anchor Point to Baycrest Hill (Figure 1).

A review of the ADEC Contaminated Sites mapper and associated reports indicated the presence of five Clean-up Complete sites, three Clean-up Complete with Institutional Controls sites, and two Active sites in the vicinity of proposed project locations. See Table 1 below for the information about each site, and the attached maps from the ADEC Contaminated Sites mapper, which locate Active and Clean-up with Institutional Controls sites adjacent to project locations.

I am consulting with you to determine whether further analysis is needed to evaluate if the sites could potentially be impacted by the proposed project; if any regulatory permits and/or clearances are required from ADEC; and if you or ADEC have any concerns with the proposed project.

The project consists of rehabilitation, realignment, and construction of safety improvements on the Sterling Highway (Figure Set 2). DOT&PF proposes to:

- Replace the existing culverts at North Fork Anchor River with a new bridge;
- Replace South Fork Anchor River Bridge with a new bridge;
- Straighten and align roadway alignment and curves (vertical and horizontal) to improve sight distance and upgrade the roadway to current highway design standards in accordance with the
- DOT&PF Preconstruction Manual and AASHTO;
- Construct passing and climbing lanes;
- Improve turning movements and sight distance at intersections, by construction of right/left turn lanes and realigning side roads, where needed;
- Widen shoulders;
- Install erosion control measures;
- Clear vegetation, as needed; and
- Repair, replace or improve as needed: existing culverts, including fish passage culverts; erosion protection; drainage facilities; utilities; guardrail and guardrail end treatments; approaches; signing; and striping.

The proposed project work will include excavation of native soils near Hazard ID # 23744 and Hazard ID # 24664 sites.

Table 1. Contaminated Sites

Site Name	Hazard ID	Location	Status
Craig's Anchor Point Garage/Salvage Anchor Point Texaco	275	On the south side of North Fork Road at the	Active
	23429	460 feet south of the North Fork Road and Sterling	Cleanup
Asphalt Plant Remnants	469	On the north side of the Sterling Highway	Cleanup complete
DOT&PF Homer Maintenance	23744	On the north side of the Sterling Highway at	Cleanup
DOT&PF Homer	24664	On the north side of the Sterling Highway at	Active
Homer Bailing Facility- Landfill 1	1819	¼ Mile north of Sterling Highway and NE of	Cleanup
Kenai Peninsula Borough-	22968	600 feet north of the Sterling Highway and 1,000 feet	Cleanup complete
Homer Bailing Facility- Landfill	3764	780 feet north of Sterling Highway and 1,250 feet	Cleanup complete
Bay Crest Fuel & C Store	26143	South side of Sterling Highway between	Cleanup complete

If contaminated soil, groundwater, or free phase petroleum products are encountered during construction, procedures outlined in Technical Memorandum (dated March 2014) for *Managing Petroleum-Contaminated Soil, Water, or Free Products during Public Utility and Right-of-Way Construction and Maintenance Projects* will be followed; ADEC will be consulted for guidance on how to proceed; and any contaminated material will be tested, handled, and if necessary, disposed of in accordance to ADEC approved procedures.

If you have any questions or require additional information regarding this project, please let me know.

Regards,
Subha Pandey



Subha Pandey
Environmental Impact Analyst
Alaska Dept. of Transportation and Public Facilities
Preliminary Design and Environmental Section
P.O. Box 196900, Anchorage, Alaska 99519-6900
Phone 907.269.0535 | Fax 907.243.6927

Pandey, Subha (DOT)

From: Horwath, Paul D (DEC)
Sent: Tuesday, February 23, 2016 12:28 PM
To: Pandey, Subha (DOT)
Cc: Schmid, Tom J (DOT); Shea, Kathleen E (DOT); Horwath, Paul D (DEC)
Subject: RE: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation

Hi Subha,

Very good. The change in scope of work should eliminate encounters with hazardous substance contaminated soil from either of those two contaminated sites. This should make the work a little less complicated for your agency and contractors.

Feel free to contact me again should the plans be modified. One constant in life is “change”! Life, and plans... they’re always changing... ☺

Thanks for keeping us informed.

Paul
262-3422

From: Pandey, Subha (DOT)
Sent: Tuesday, February 23, 2016 10:26 AM
To: Horwath, Paul D (DEC) <paul.horwath@alaska.gov>
Cc: Schmid, Tom J (DOT) <tom.schmid@alaska.gov>; Shea, Kathleen E (DOT) <kathy.shea@alaska.gov>
Subject: RE: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation

Hi Paul,

There has been a change in the scope of the work that would occur near Hazard ID 275 or Hazard ID 23439 mentioned in the previous email.

The project team has decided that no improvements north of MP 157 at the Sterling Highway will be pursued as a part of the project. The project will not be adding the right turn lane at North Fork Road or resurfacing the highway north of MP 157. Please disregard the details about the right turn lane and other proposed improvements mentioned in the previous email.

All proposed work will be limited to the south of Thurmond Drive. Therefore, the project does not propose any work that would potentially impact Hazard ID 275 or Hazard ID 23439.

If any contaminated sites or hazardous materials are encountered during construction, all work in the vicinity of the contaminated sites will cease and ADEC will be consulted for guidance on how to proceed.

Sorry for any confusion and inconvenience this has created, and thank you for your input on this consultation. Please let me know if you have any questions or require additional information on the project.

Thank you,
Subha

From: Pandey, Subha (DOT)
Sent: Wednesday, February 17, 2016 4:32 PM
To: Horwath, Paul D (DEC)
Cc: Schmid, Tom J (DOT); Shea, Kathleen E (DOT)
Subject: RE: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation

Hi Paul,

Please find the information regarding potential work near Hazard ID 275 (Craig's Anchor Point Garage/Salvage) and Hazard ID 23439 (Anchor Point Texaco) below:

Hazard ID 275 (Craig's Anchor Point Garage/Salvage)

We are not envisioning any work down North Fork Road that is likely to impact site 275. Any work at the North Fork Road-Sterling Highway intersection will be limited to the immediate vicinity of the intersection (within 100 feet of the highway; site 275 is roughly 350-400 feet from the highway).

Hazard ID 23439 (Anchor Point Texaco)

- Major earthwork/excavation for the project will start at the official "beginning of project" at MP 157 approximately 200 feet south of Thurmond Drive, continuing south (away from site 23429).
- From MP 157 north to North Fork Road, the proposed work will likely consist of resurfacing (repaving) the highway, so no deep excavation likely – either an overlay or a mill and repave. Work should not get down into the contaminated soil for the repave.
- The traffic analysis for the project found that right turn lanes are warranted at North Fork Road in both the northbound and southbound directions. Specifically, the northbound right turn lane at North Fork Road has potential to impact the site. The northbound turn lane would be approximately 350 feet long (170 feet of a new additional lane immediately south of North Fork Road on the east side of Sterling Highway, with another 180 feet of taper continuing to the south (shown below roughly in orange). The taper for the turning lane would end roughly at the northern access to the Anchor Point Tesoro site (seen looking north/northeast in the photo below).
 - o Adding the turning lane, if pursued as part of the project, would involve removing the existing curb and gutter and sidewalk and reconstructing further to the east. Excavation for the new lane could be up to 2 or 3 feet deep to construct the structural section.
 - o Adding the turning lane would also require relocation of at least 2 power poles (seen on the left below) and possibly a third pole (seen on the right) directly in front of site 23429.
 - o Adding the right turn lane would also impact the existing storm drain system in the highway (collecting runoff from the curb and gutter). The extent of potential impact to the storm drain system is unknown, but at a minimum some local trenching would be required to relocate the storm drain curb inlets. Looking at google earth, it appears the inlet structures are north and south of the site, so it looks good that storm drain impacts may miss site 23429.
 - o Other potential underground utility impacts in this area are currently unknown.



Please let me know if you have any further questions or require additional information regarding this project.

Regards,
Subha



Subha Pandey
Environmental Impact Analyst
Alaska Dept. of Transportation and Public
Facilities
Preliminary Design and Environmental Section
P.O. Box 196900, Anchorage, Alaska 99519-6900
Phone 907.269.0535 | Fax 907.243.6927

From: Shea, Kathleen E (DOT)
Sent: Friday, February 12, 2016 4:03 PM
To: Horwath, Paul D (DEC)
Cc: Pandey, Subha (DOT); Schmid, Tom J (DOT)
Subject: RE: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation

Hi Paul,

Thank you, that's great. We'll be in touch regarding what we know about the potential work near Thurmond's Automotive.

Cheers,
Kathy

From: Horwath, Paul D (DEC)
Sent: Friday, February 12, 2016 3:31 PM
To: Shea, Kathleen E (DOT)
Cc: Pandey, Subha (DOT); Schmid, Tom J (DOT); Horwath, Paul D (DEC)
Subject: RE: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation

Hi Kathy,
Thanks for summarizing our phone conversation. Your summary is an accurate depiction of my comments and concerns at these three contaminated sites. The Anchor Point Texaco (currently the location of Thurmond's Automotive) is the one site with good potential for conflict.

Best regards,

Paul Horwath
ADEC Contaminated Sites Program
Soldotna
262-3422

From: Shea, Kathleen E (DOT)
Sent: Friday, February 12, 2016 3:07 PM

To: Horwath, Paul D (DEC) <paul.horwath@alaska.gov>

Cc: Pandey, Subha (DOT) <subha.pandey@alaska.gov>; Schmid, Tom J (DOT) <tom.schmid@alaska.gov>

Subject: FW: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation

Hi Paul,

Thank you for chatting about the Sterling Highway project. Please take a look at my notes and let me know if I accurately represent your comments.

- Hazard ID 23744, ADOT&PF Homer Maintenance Shop and Hazard ID 24664, ADOT&PF Homer Facility
These sites are to the north of the maintenance building, quite far from the Sterling Highway. You don't have any notable concerns about our project impacting these sites.
- Hazard ID 275, Craig's Anchor Point Garage/Salvage
If the project does not involve work on the south side of North Fork Road in front of the property, you do not have any particular concerns about our project impacting this site.
- Hazard ID 23439, Anchor Point Texaco
This site has contamination near the surface, extending under the roadway and south into the adjacent property. You expressed concern if we were to do any digging outside the asphalt layer of the roadway, or to a depth of more than approximately 1.5 feet, including for utility or drainage work. You asked for more information of the depth of excavation near this location; and indicated a Hazardous Materials Control Plan would be required for excavation work in the vicinity of this site, if any.

I've asked for more detailed information about the work that may occur near the Anchor Point Texaco site. My colleague Subha will hopefully have that information for you next week.

Please let me or Subha know if you have any questions or require additional information.

Thanks, and have a wonderful weekend.

Kathy



Kathy Shea, Environmental Team Leader

Alaska Dept. of Transportation and Public Facilities

Preliminary Design and Environmental Section

P.O. Box 196900, Anchorage, Alaska 99519-6900

Phone 907.269.0530 | Fax 907.243.6927

From: Pandey, Subha (DOT)

Sent: Thursday, February 04, 2016 9:53 AM

To: Horwath, Paul D (DEC); Brown, Kristin L (DEC); Reese, Evonne R (DEC)

Cc: Shea, Kathleen E (DOT)

Subject: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation

Dear Paul, Kristin, and Evonne,

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A review of the ADEC Contaminated Sites mapper and associated reports indicated the presence of five Clean-up Complete sites, three Clean-up Complete with Institutional Controls sites, and two Active sites in the vicinity of proposed project locations. See Table 1 below for the information about each site, and the attached maps from the ADEC Contaminated Sites mapper, which locate Active and Clean-up with Institutional Controls sites adjacent to project locations.

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- Replace South Fork Anchor River Bridge with a new bridge;
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- DOT&PF Preconstruction Manual and AASHTO;
- Construct passing and climbing lanes;
- Improve turning movements and sight distance at intersections, by construction of right/left turn lanes and realigning side roads, where needed;
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- Install erosion control measures;
- Clear vegetation, as needed; and
- Repair, replace or improve as needed: existing culverts, including fish passage culverts; erosion protection; drainage facilities; utilities; guardrail and guardrail end treatments; approaches; signing; and striping.

The proposed project work will include excavation of native soils near Hazard ID # 23744 and Hazard ID # 24664 sites.

Table 1. Contaminated Sites

Site Name	Hazard ID	Location	Status
Craig's Anchor Point Garage/Salvage	275	On the south side of North Fork Road at the	Active
Anchor Point Texaco	23429	460 feet south of the North Fork Road and Sterling	Cleanup
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DOT&PF Homer	24664	On the north side of the Sterling Highway at	Active
Homer Bailing Facility- Landfill 1	1819	¼ Mile north of Sterling Highway and NE of	Cleanup
Kenai Peninsula Borough-	22968	600 feet north of the Sterling Highway and 1,000 feet	Cleanup complete

Homer Bailing Facility- Landfill	3764	780 feet north of Sterling Highway and 1,250 feet	Cleanup complete
Bay Crest Fuel & C Store	26143	South side of Sterling Highway between	Cleanup complete
University of Alaska Fairbanks Homer Research Station	23074	On the south side of Sterling Highway at Rogers	Cleanup complete

If contaminated soil, groundwater, or free phase petroleum products are encountered during construction, procedures outlined in Technical Memorandum (dated March 2014) for *Managing Petroleum-Contaminated Soil, Water, or Free Products during Public Utility and Right-of-Way Construction and Maintenance Projects* will be followed; ADEC will be consulted for guidance on how to proceed; and any contaminated material will be tested, handled, and if necessary, disposed of in accordance to ADEC approved procedures.

If you have any questions or require additional information regarding this project, please let me know.

Regards,
Subha Pandey



Subha Pandey
Environmental Impact Analyst
 Alaska Dept. of Transportation and Public Facilities
 Preliminary Design and Environmental Section
 P.O. Box 196900, Anchorage, Alaska 99519-6900
 Phone 907.269.0535 | Fax 907.243.6927

Pandey, Subha (DOT)

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Sent: Thursday, February 04, 2016 9:53 AM
To: Horwath, Paul D (DEC); Brown, Kristin L (DEC); Reese, Evonne R (DEC)
Cc: Shea, Kathleen E (DOT)
Subject: Consultation Regarding DOT&PF Project #58106 - Sterling Highway: MP 157-169 Rehabilitation
Attachments: Figure 1- Location and Vicinity Map.pdf; Figure Set 2-Proposed Project Design.pdf; Contaminated Sites Map.pdf

Dear Paul, Kristin, and Evonne,

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Table 1. Contaminated Sites

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Anchor Point Texaco	23429	460 feet south of the North Fork Road and Sterling Highway intersection on the east side of the highway	Cleanup complete-institutional
Asphalt Plant Remnants	469	On the north side of the Sterling Highway at Maintenance Street	Cleanup complete
DOT&PF Homer Maintenance	23744	On the north side of the Sterling Highway at Maintenance Street	Cleanup complete-institutional
DOT&PF Homer	24664	On the north side of the Sterling Highway at Maintenance Street	Active
Homer Bailing Facility- Landfill 1	1819	¼ Mile north of Sterling Highway and NE of Maintenance Street	Cleanup complete-
Kenai Peninsula Borough-	22968	600 feet north of the Sterling Highway and 1,000 feet east of Maintenance Street	Cleanup complete
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Bay Crest Fuel & C Store	26143	South side of Sterling Highway between Maintenance Street and Rogers Loop	Cleanup complete
University of Alaska Fairbanks Homer Research Station	23074	On the south side of Sterling Highway at Rogers Loop	Cleanup complete

If contaminated soil, groundwater, or free phase petroleum products are encountered during construction, procedures outlined in Technical Memorandum (dated March 2014) for *Managing Petroleum-Contaminated Soil, Water, or Free Products during Public Utility and Right-of-Way Construction and Maintenance Projects* will be followed; ADEC will be consulted for guidance on how to proceed; and any contaminated material will be tested, handled, and if necessary, disposed of in accordance to ADEC approved procedures.

If you have any questions or require additional information regarding this project, please let me know.

Regards,
Subha Pandey



Subha Pandey
Environmental Impact Analyst
 Alaska Dept. of Transportation and Public
 Facilities
 Preliminary Design and Environmental Section
 P.O. Box 196900, Anchorage, Alaska 99519-6900
 Phone 907.269.0535 | Fax 907.243.6927



Figure 1
Location & Vicinity Map

Sec 18-20,29,32-33 T5S R14W,
Sec 4-5, 9, 15-16 T6S R14W
Sec 3-4, 10-13 T5S R15W
Seward Meridian, Alaska



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

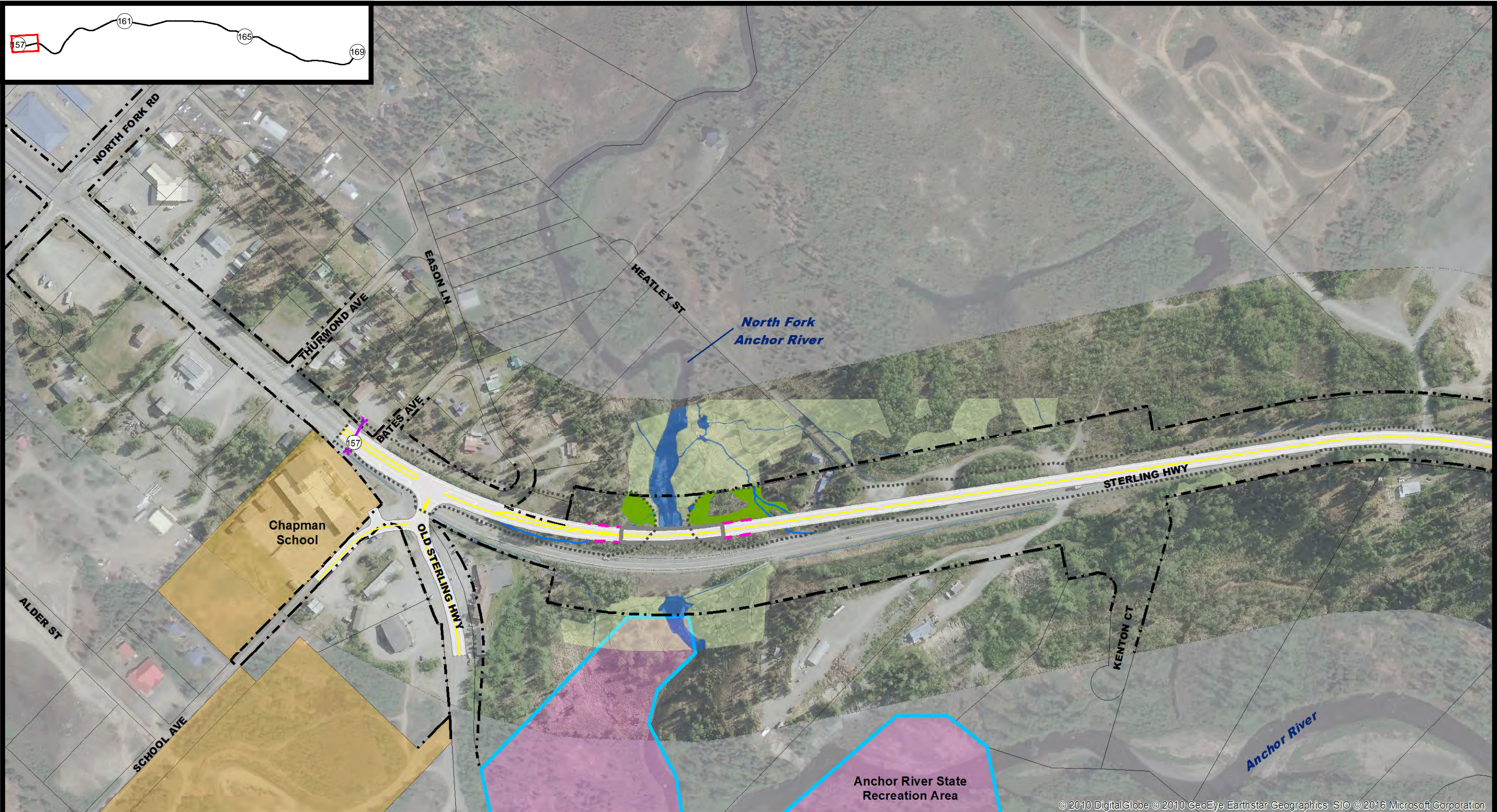
DOT & PF Project No. Z581060000
Federal Project No. 0211052
Sterling Hwy MP 157-169 Road Rehabilitation

Anchor Point to Homer, Alaska

January 29, 2016

Figure 1

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Milepost

DOT & PF ROW

Pavement

Project Cut/Fill Limts

Fish Passage Culvert

Culvert

Bridge

Guardrail

Wetland

Waterbody

Wetland Impacts

Waterbody Impacts

Wetland Delineation

Project Impacts

Kenai Peninsula Borough

Department of Natural Resources

Parcel Owner

Section 4(f) Property

0

150

300

Feet

Figure Set 2

Proposed Project Design

Sec 18-29,29,32-33 T5S R14W,

Sec 4-5 9 15-16 T6S R14W

Sec 3-4 10-13 T5S R15W

Seward Meridian, Alaska

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

DOT & PF Project No. Z581060000

Federal Project No. 0211052

Sterling Hwy MP 157-169 Road Rehabilitation

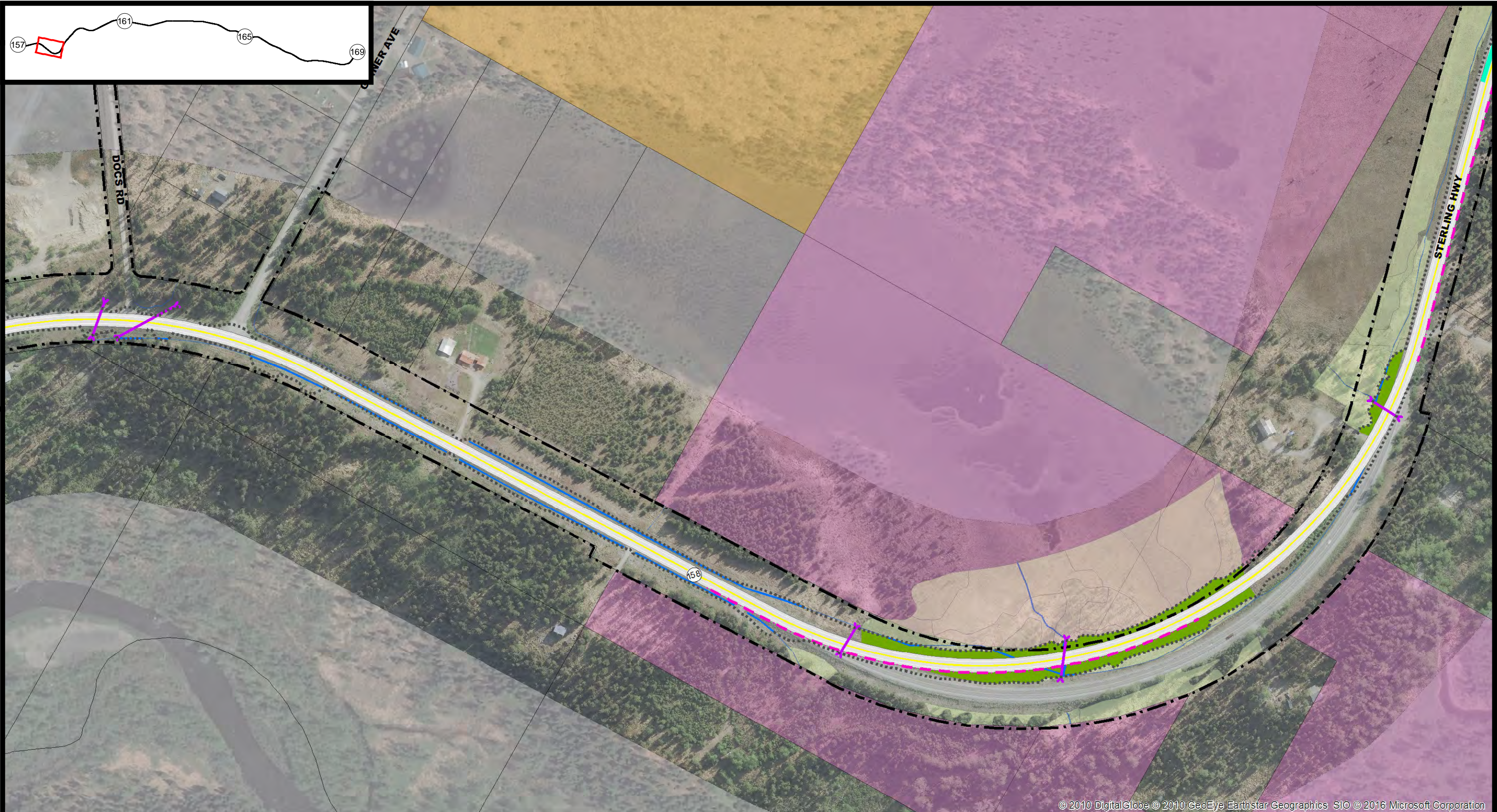
Anchor Point & Homer, Alaska

January 29, 2016

Sheet 1 of 15

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<ul style="list-style-type: none">MilepostDOT & PF ROWPavementProject Cut/Fill LimitsFish Passage Culvert	<ul style="list-style-type: none">CulvertGuardrailNorthbound Passing Lane	Wetland Delineation <ul style="list-style-type: none">WetlandWaterbody Project Impacts <ul style="list-style-type: none">Wetland ImpactsWaterbody Impacts	Parcel Owner <ul style="list-style-type: none">Kenai Peninsula BoroughDepartment of Natural Resources
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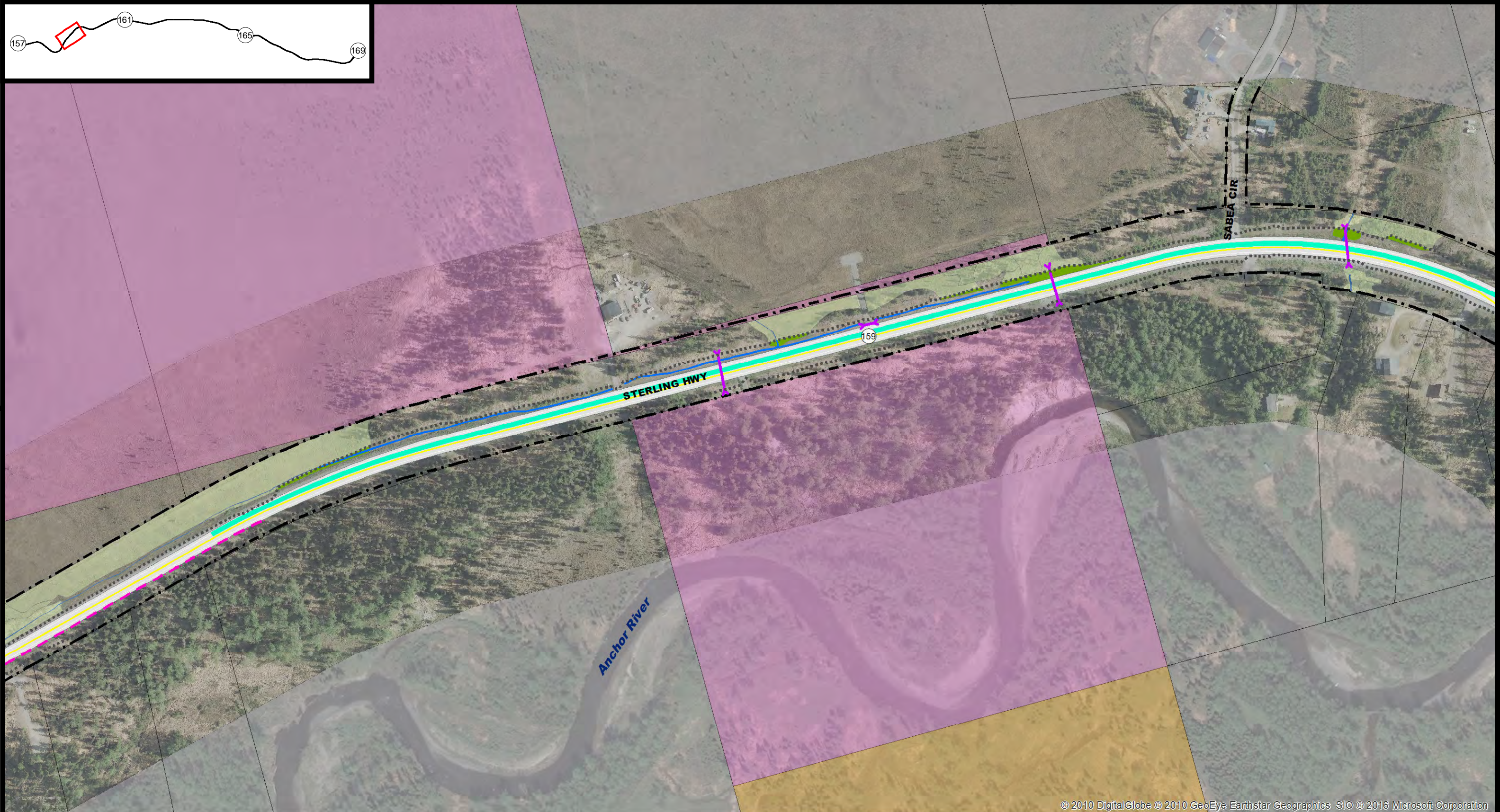
Figure Set 2
Proposed Project Design


Sec 18-29,29,32-33 T5S R14W,
Sec 4-5 9 15-16 T6S R14W
Sec 3-4 10-13 T5S R15W
Seward Meridian, Alaska



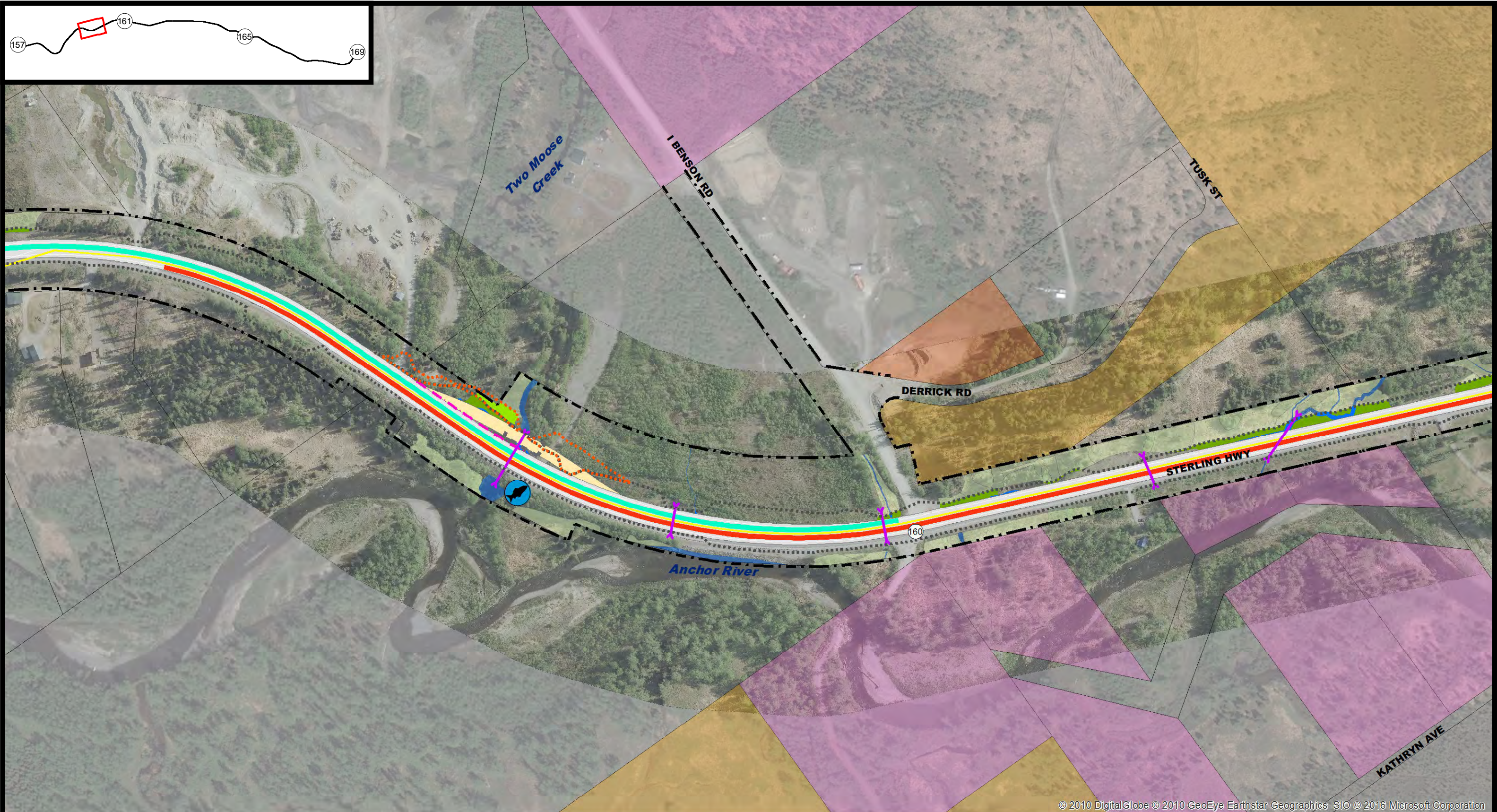
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
DOT & PF Project No. Z581060000 Federal Project No. 0211052 Sterling Hwy MP 157-169 Road Rehabilitation	
Anchor Point & Homer, Alaska	
January 29, 2016	Sheet 2 of 15

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<p>○ Milepost</p> <p>— DOT & PF ROW</p> <p>— Pavement</p> <p>--- Project Cut/Fill Limits</p> <p>● Fish Passage Culvert</p>	<p>— Culvert</p> <p>— Guardrail</p> <p>— Northbound Passing Lane</p>	<p>Wetland Delineation</p> <p>— Wetland</p> <p>— Waterbody</p> <p>Project Impacts</p> <p>— Wetland Impacts</p> <p>— Waterbody Impacts</p>	<p>Parcel Owner</p> <p>— Kenai Peninsula Borough</p> <p>— Department of Natural Resources</p>	<p>Figure Set 2</p> <p>Proposed Project Design</p> <p>Sec 18-29,29,32-33 T5S R14W, Sec 4-5 9 15-16 T6S R14W Sec 3-4 10-13 T5S R15W Seward Meridian, Alaska</p>		<p>STATE OF ALASKA</p> <p>DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p> <p>DOT & PF Project No. Z581060000 Federal Project No. 0211052 Sterling Hwy MP 157-169 Road Rehabilitation Anchor Point & Homer, Alaska</p>
					January 29, 2016	Sheet 3 of 15

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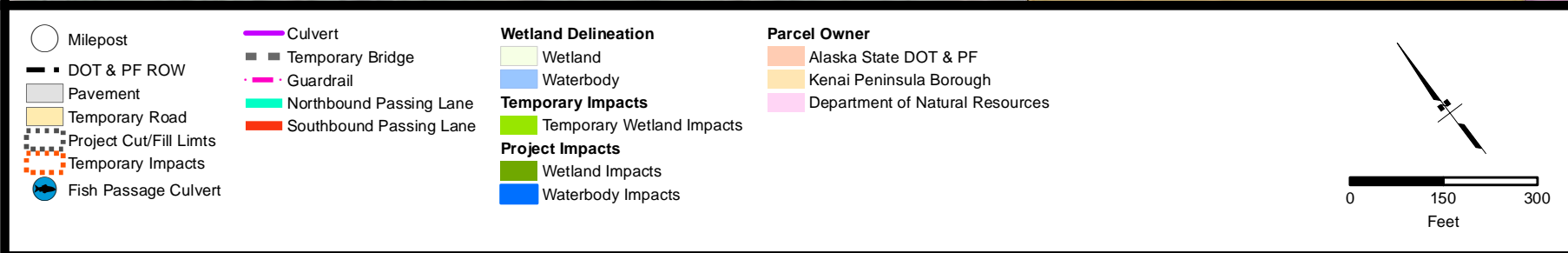


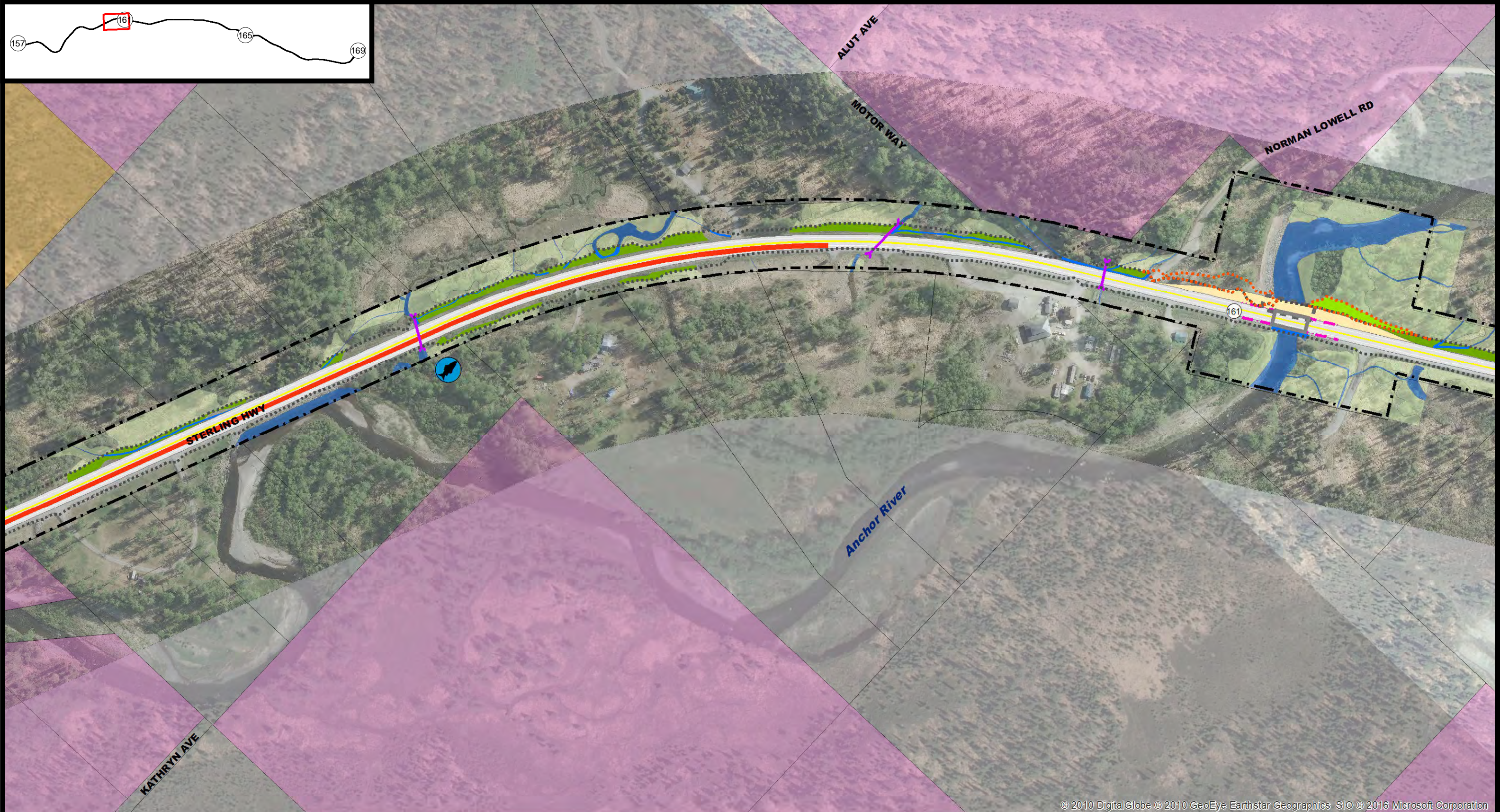
Figure Set 2
Proposed Project Design

Sec 18-29,29,32-33 T5S R14W,
Sec 4-5 9 15-16 T6S R14W
Sec 3-4 10-13 T5S R15W
Seward Meridian, Alaska



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
DOT & PF Project No. Z581060000 Federal Project No. 0211052	
Sterling Hwy MP 157-169 Road Rehabilitation	
Anchor Point & Homer, Alaska	
January 29, 2016	Sheet 4 of 15

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Milepost

DOT & PF ROW

Pavement

Temporary Road

Project Cut/Fill Limits

Temporary Impacts

Fish Passage Culvert

Culvert

Bridge

Temporary Bridge

Guardrail

Southbound Passing Lane

Wetland

Waterbody

Temporary Wetland Impacts

Temporary Waterbody Impacts

Wetland Impacts

Waterbody Impacts

Kenai Peninsula Borough

Department of Natural Resources

0

150

300

Feet

North Arrow

Figure Set 2

Proposed Project Design

Sec 18-29,29,32-33 T5S R14W,

Sec 4-5 9 15-16 T6S R14W

Sec 3-4 10-13 T5S R15W

Seward Meridian, Alaska

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

DOT & PF Project No. Z581060000

Federal Project No. 0211052

Sterling Hwy MP 157-169 Road Rehabilitation

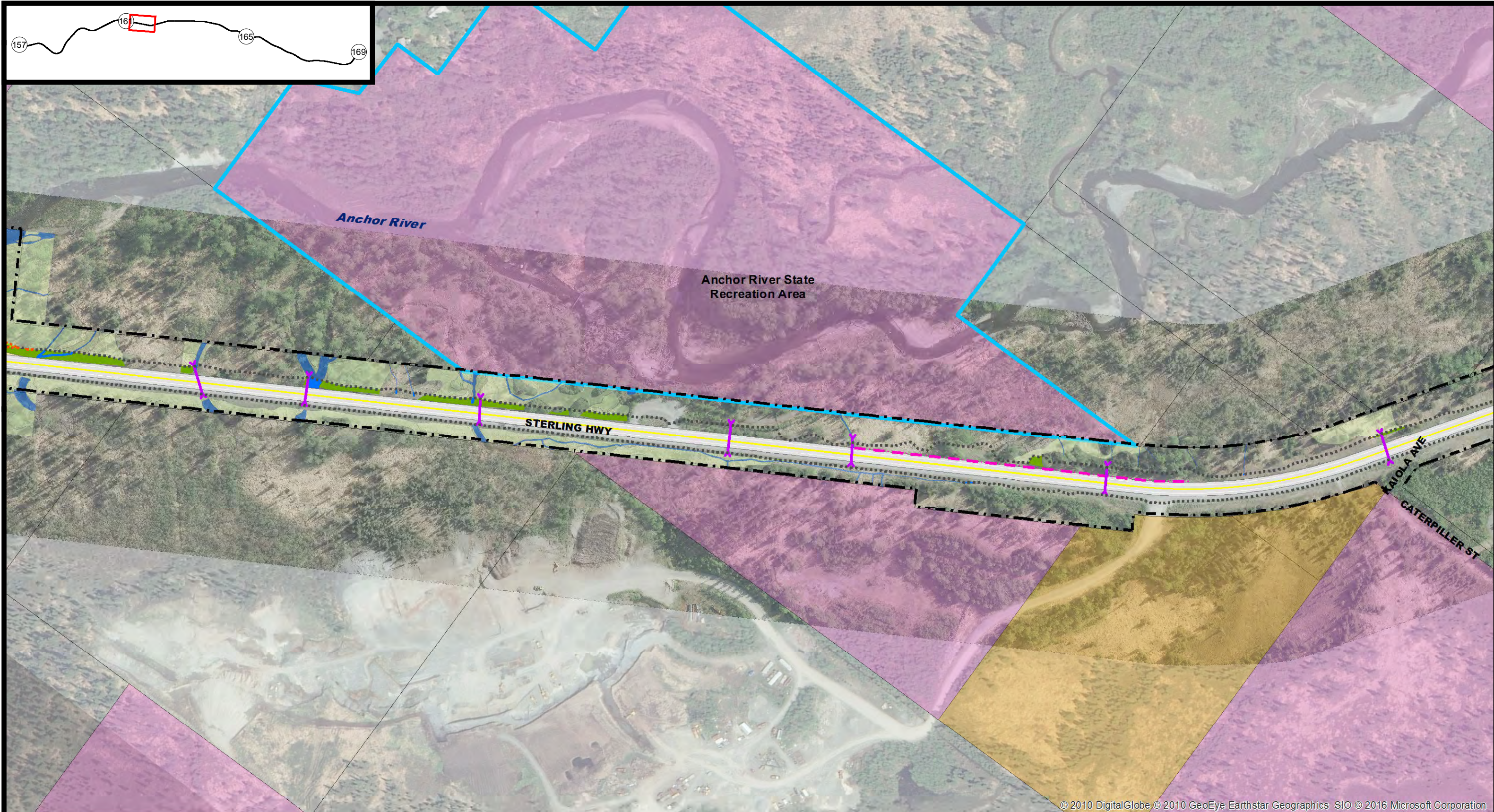
Anchor Point & Homer, Alaska

January 29, 2016

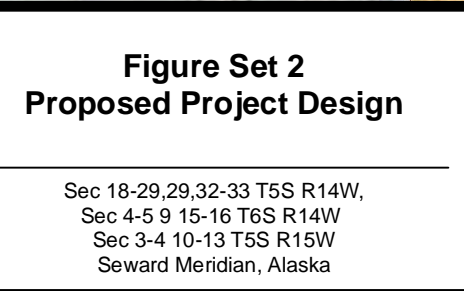
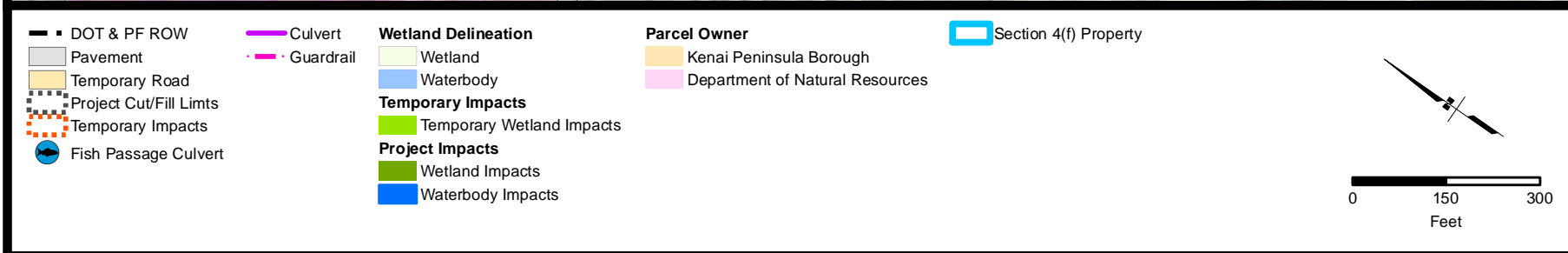
Sheet 5 of 15

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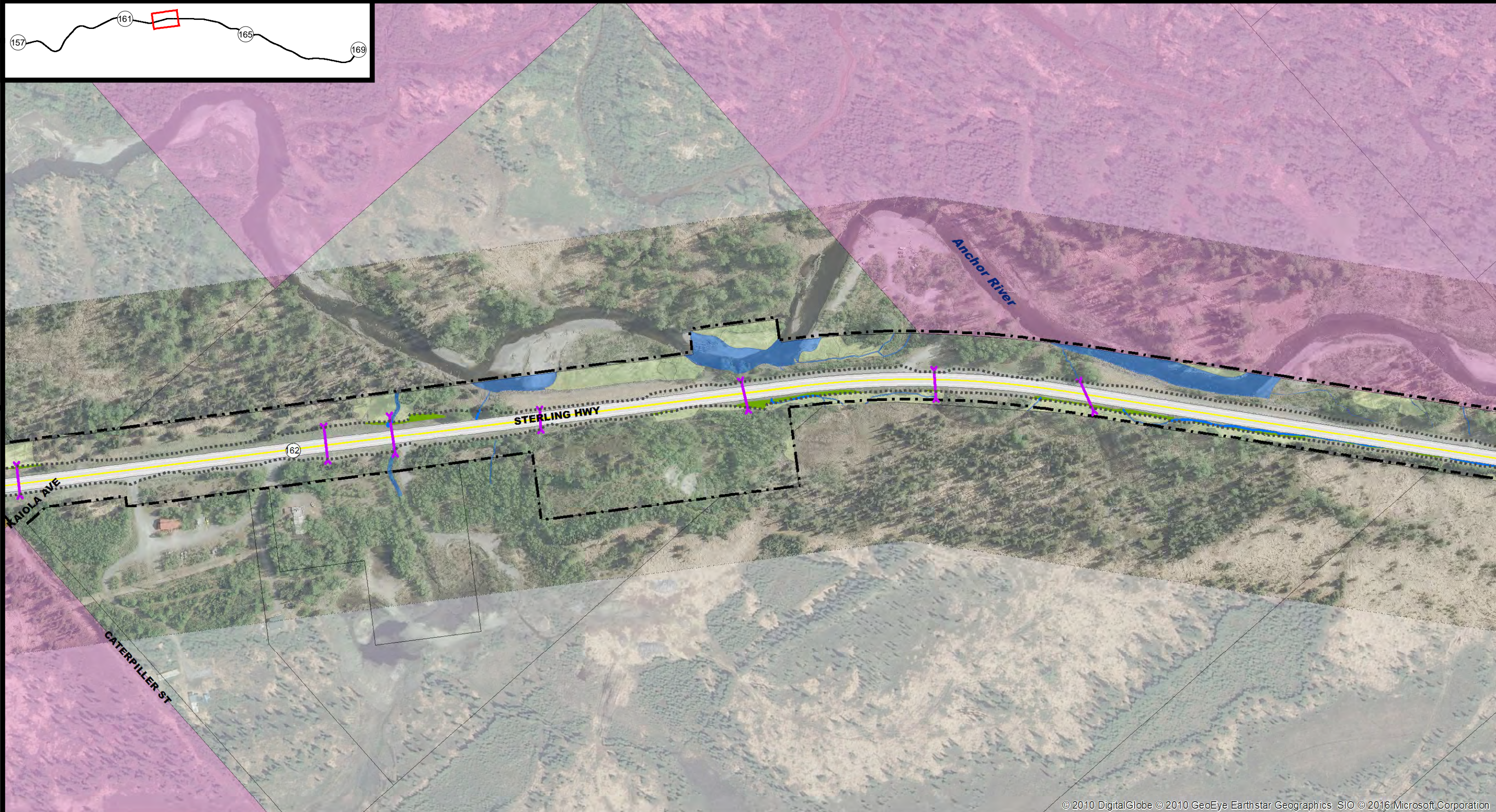


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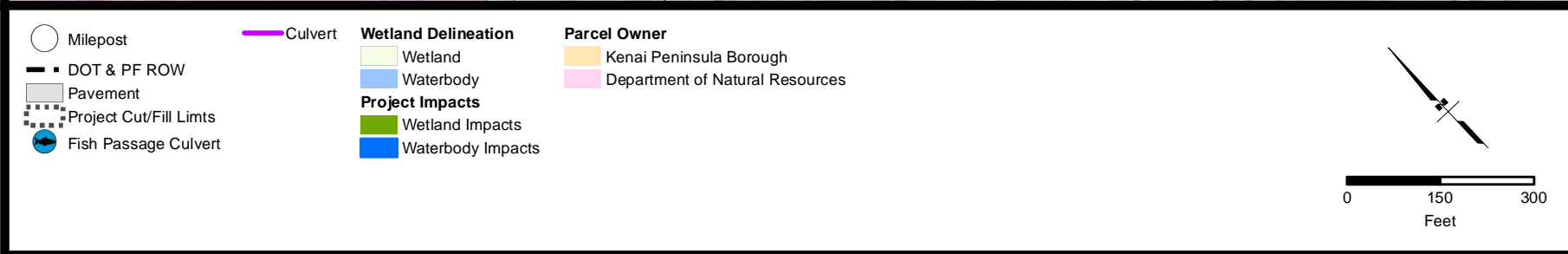


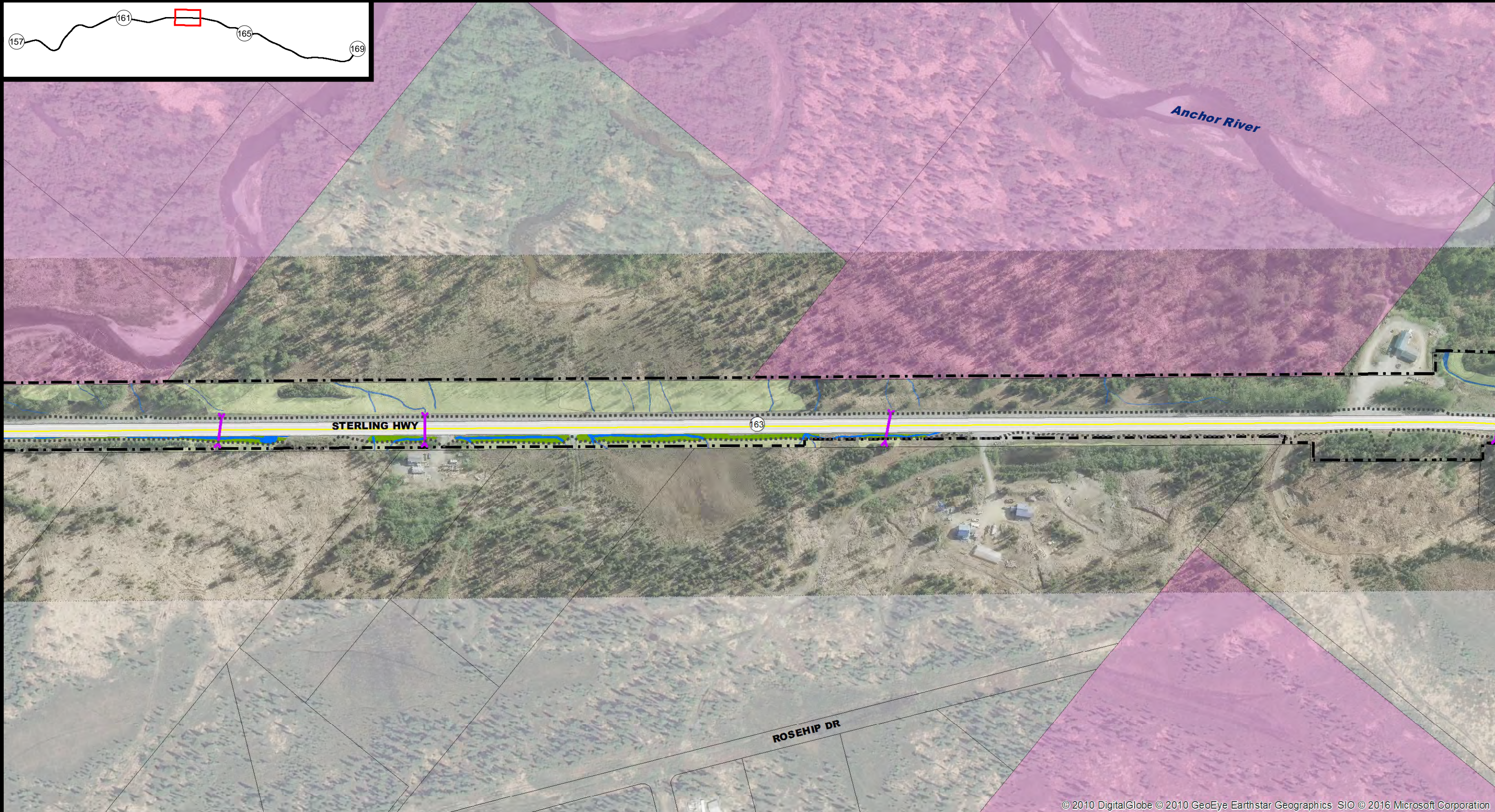
Figure Set 2
Proposed Project Design

Sec 18-29,29,32-33 T5S R14W,
Sec 4-5 9 15-16 T6S R14W
Sec 3-4 10-13 T5S R15W
Seward Meridian, Alaska



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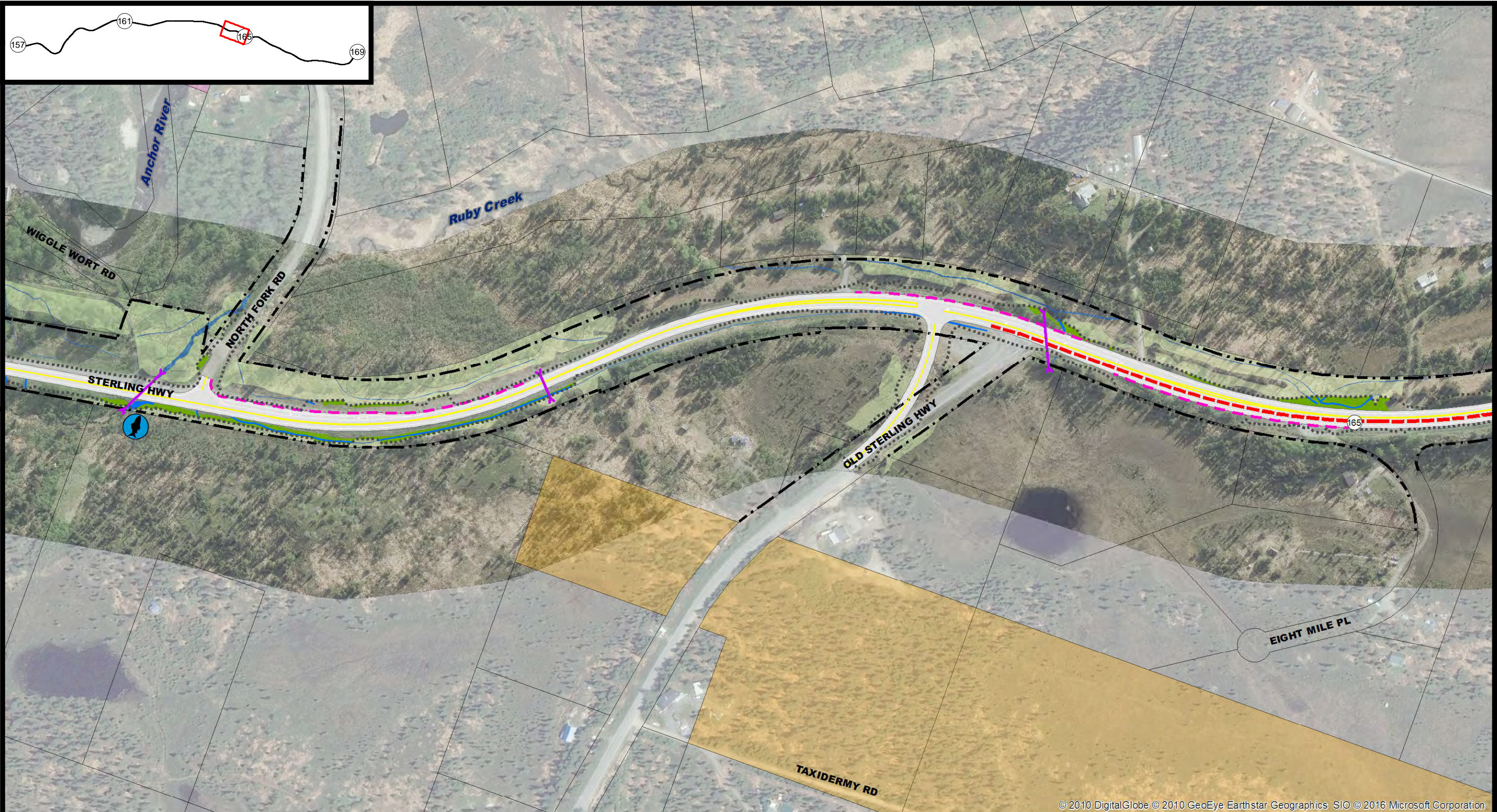


<p> Milepost</p> <p> DOT & PF ROW</p> <p> Pavement</p> <p> Project Cut/Fill Limts</p> <p> Fish Passage Culvert</p>	<p> Culvert</p> <p>Wetland Delineation</p> <p> Wetland</p> <p> Waterbody</p> <p>Project Impacts</p> <p> Wetland Impacts</p> <p> Waterbody Impacts</p>	<p>Parcel Owner</p> <p> Department of Natural Resources</p>	<p>Figure Set 2</p> <p>Proposed Project Design</p> <p>Sec 18-29,29,32-33 T5S R14W, Sec 4-5 9 15-16 T6S R14W Sec 3-4 10-13 T5S R15W Seward Meridian, Alaska</p>		<p>STATE OF ALASKA</p> <p>DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p> <p>DOT & PF Project No. Z581060000 Federal Project No. 0211052 Sterling Hwy MP 157-169 Road Rehabilitation</p> <p>Anchor Point & Homer, Alaska</p> <p>January 29, 2016</p>	<p>Sheet 8 of 15</p>
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- | | | | |
|---|--|---|---|
| <ul style="list-style-type: none">MilepostDOT & PF ROWPavementProject Cut/Fill LimitsFish Passage Culvert | <ul style="list-style-type: none">CulvertSouthbound Climbing LaneGuardrail | Wetland Delineation <ul style="list-style-type: none">WetlandWaterbody Project Impacts <ul style="list-style-type: none">Wetland ImpactsWaterbody Impacts | Parcel Owner <ul style="list-style-type: none">Kenai Peninsula BoroughDepartment of Natural Resources |
|---|--|---|---|

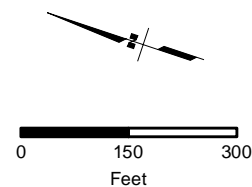


Figure Set 2 Proposed Project Design

Sec 18-29,29,32-33 T5S R14W,
Sec 4-5 9 15-16 T6S R14W
Sec 3-4 10-13 T5S R15W
Seward Meridian, Alaska



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

DOT & PF Project No. Z581060000
Federal Project No. 0211052

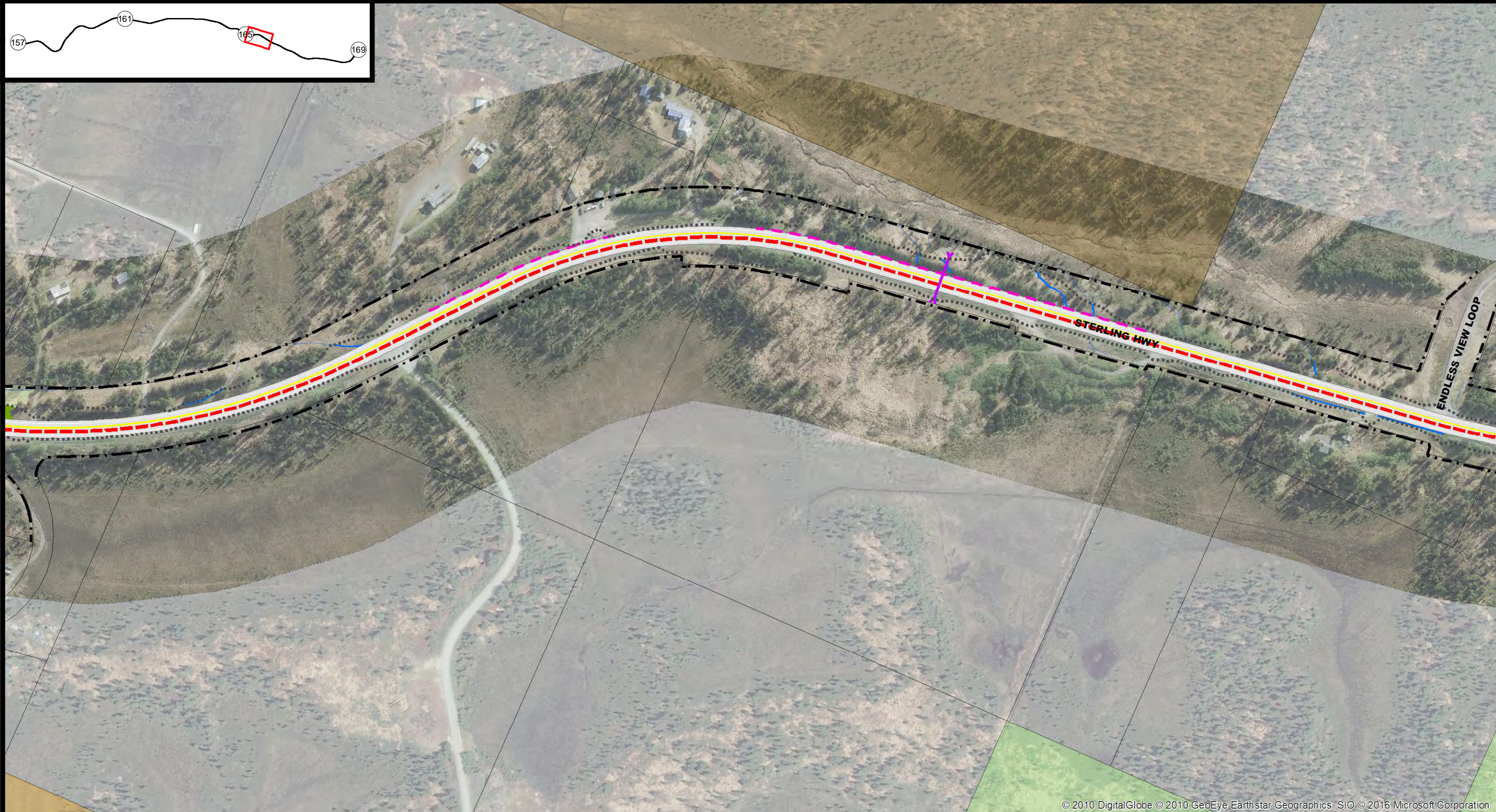
Sterling Hwy MP 157-169 Road Rehabilitation

Anchor Point & Homer, Alaska

January 29, 2016

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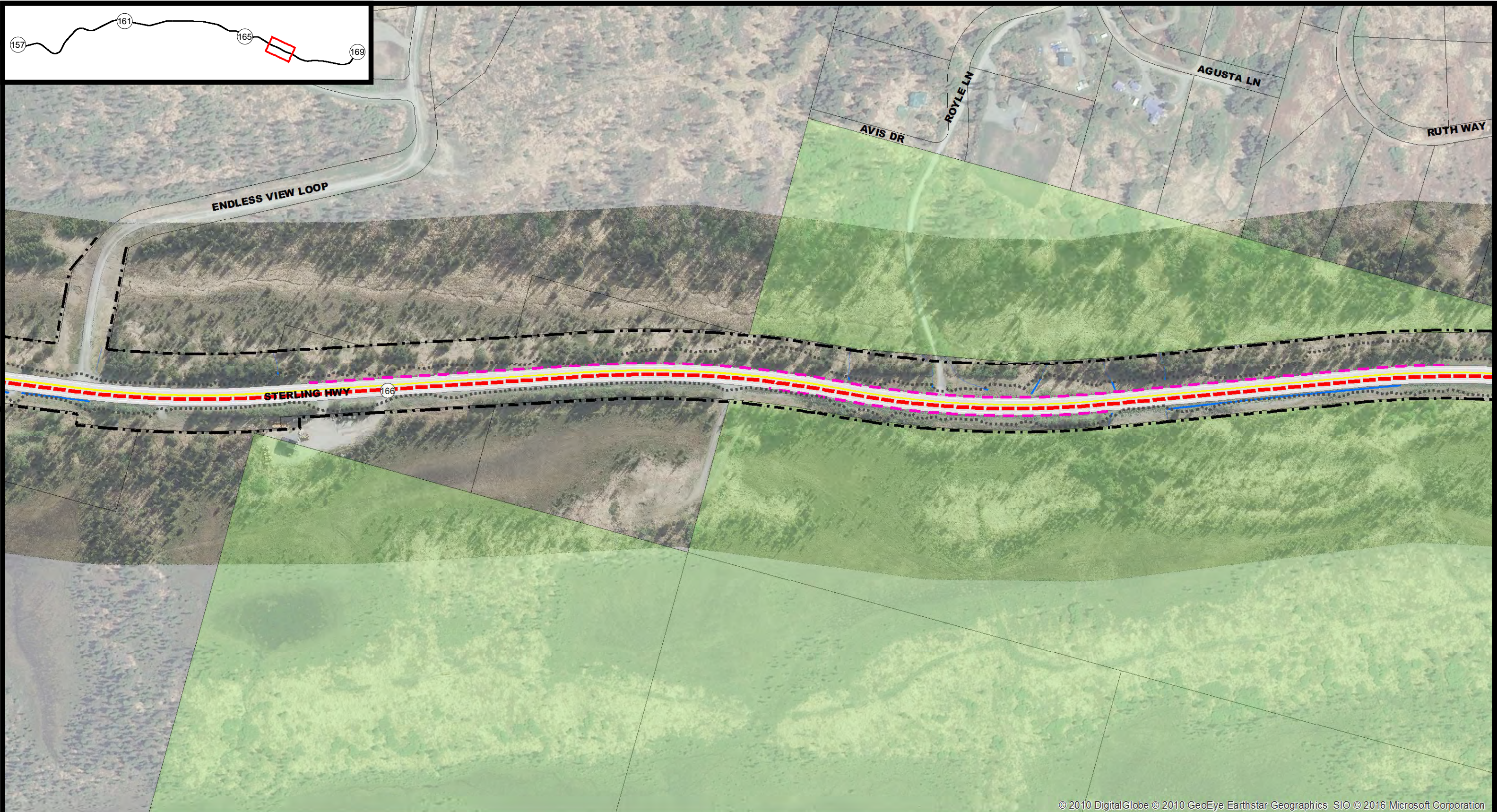
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DOT & PF ROW - - - - - Pavement Project Cut/Fill Limits Fish Passage Culvert	Culvert - - - - - Southbound Climbing Lane Guardrail	Wetland Delineation Wetland Waterbody Project Impacts Wetland Impacts Waterbody Impacts	Parcel Owner Kenai Peninsula Borough Bureau of Land Management Seldovia Native Association Inc		Figure Set 2 Proposed Project Design Sec 18-29,29,32-33 T5S R14W, Sec 4-5 9 15-16 T6S R14W Sec 3-4 10-13 T5S R15W Seward Meridian, Alaska		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DOT & PF Project No. Z581060000 Federal Project No. 0211052 Sterling Hwy MP 157-169 Road Rehabilitation Anchor Point & Homer, Alaska January 29, 2016	Sheet 11 of 15
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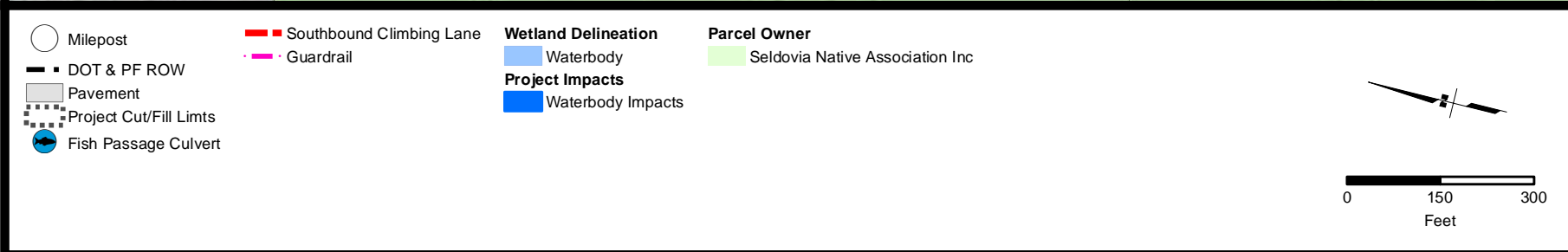


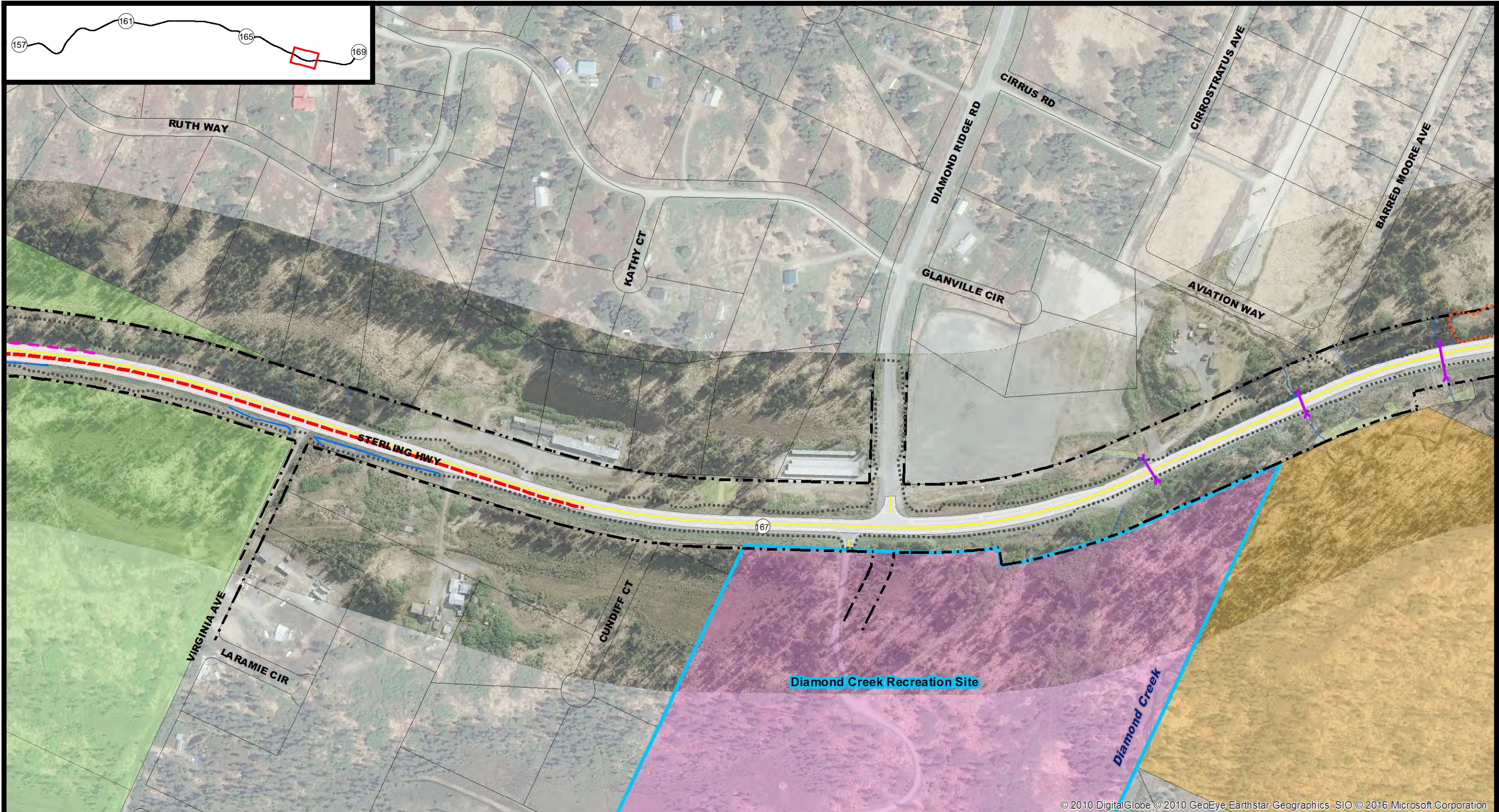
Figure Set 2
Proposed Project Design

Sec 18-29,29,32-33 T5S R14W,
Sec 4-5 9 15-16 T6S R14W
Sec 3-4 10-13 T5S R15W
Seward Meridian, Alaska

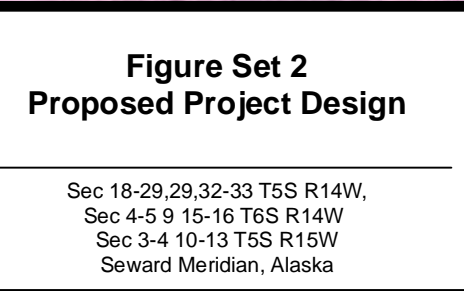
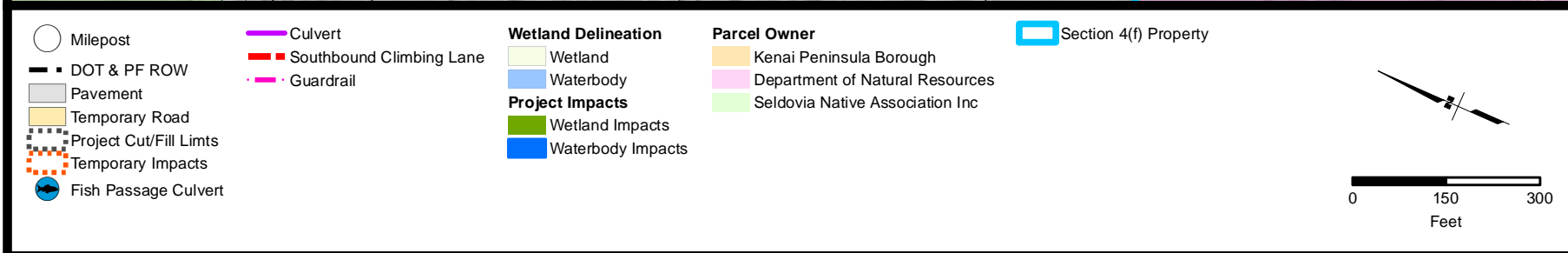


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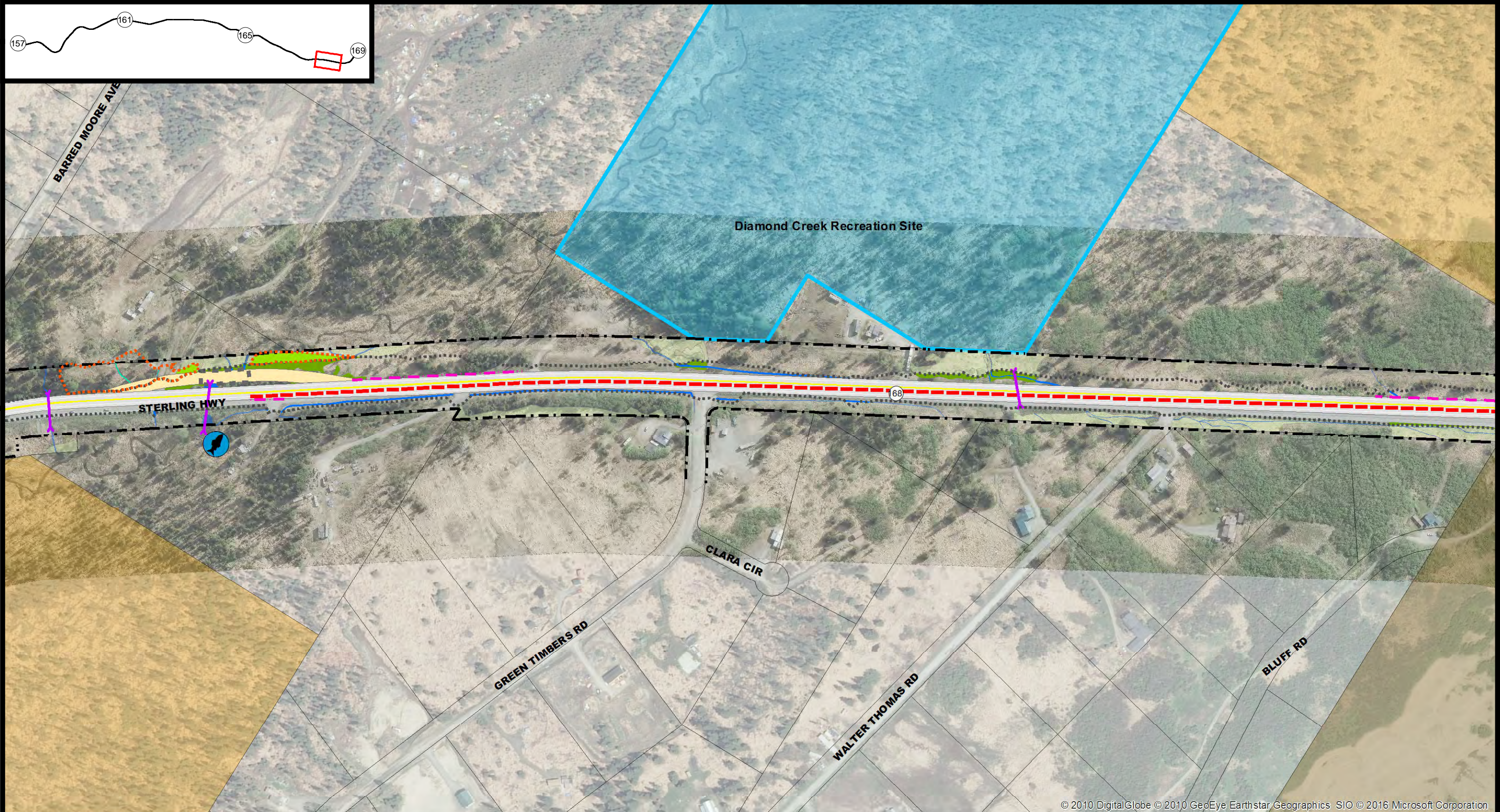


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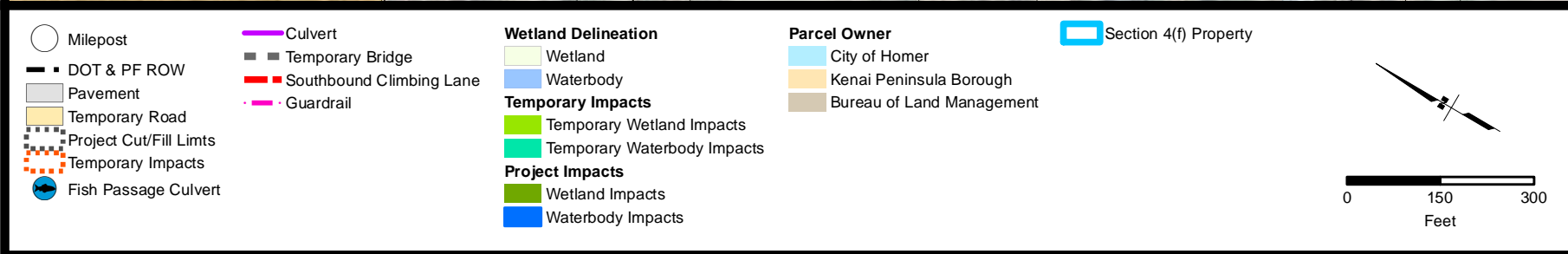


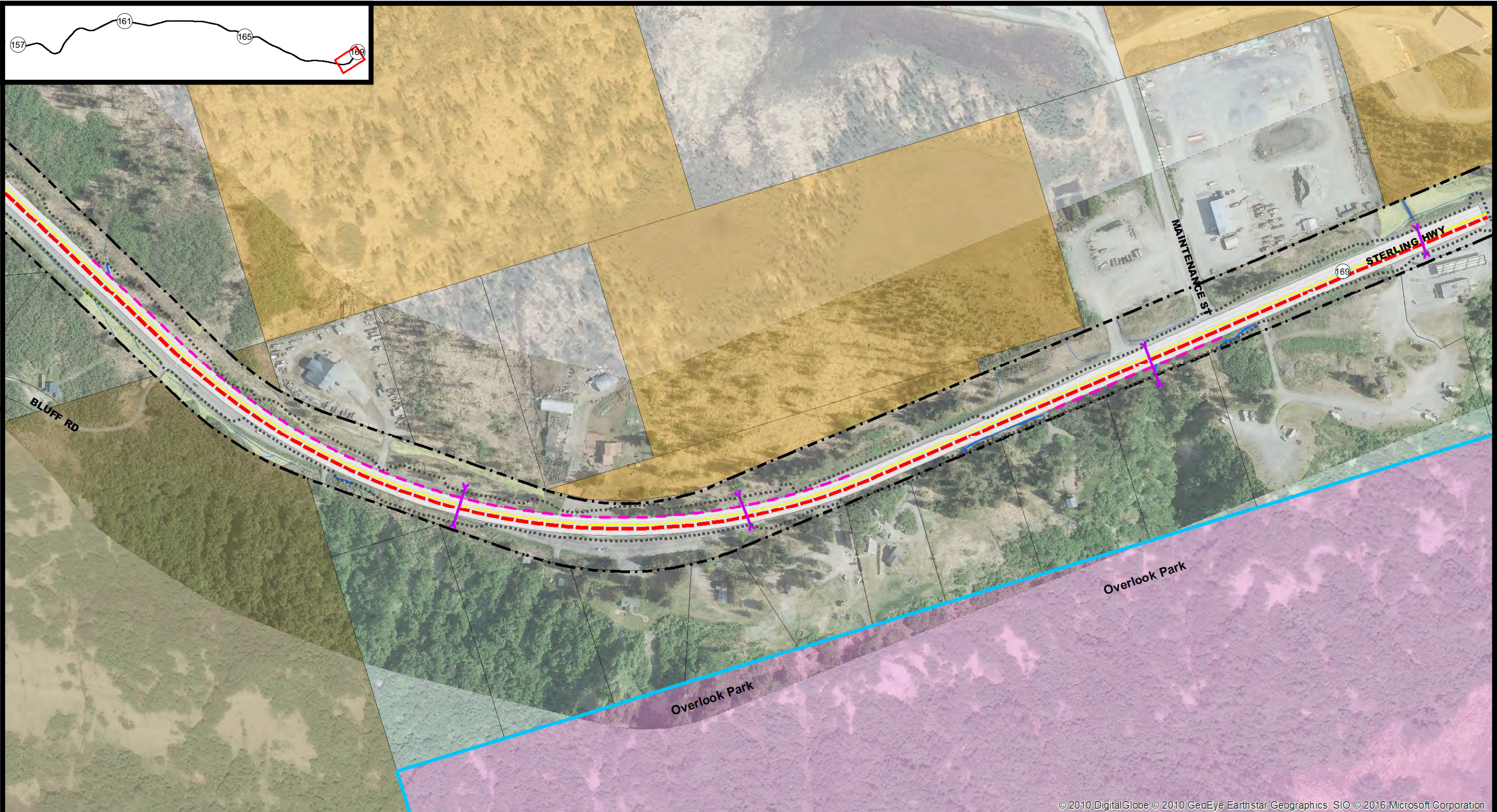
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Sec 4-5 9 15-16 T6S R14W
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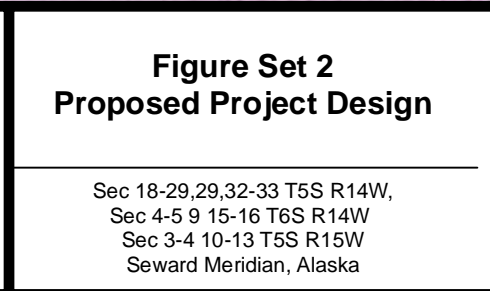
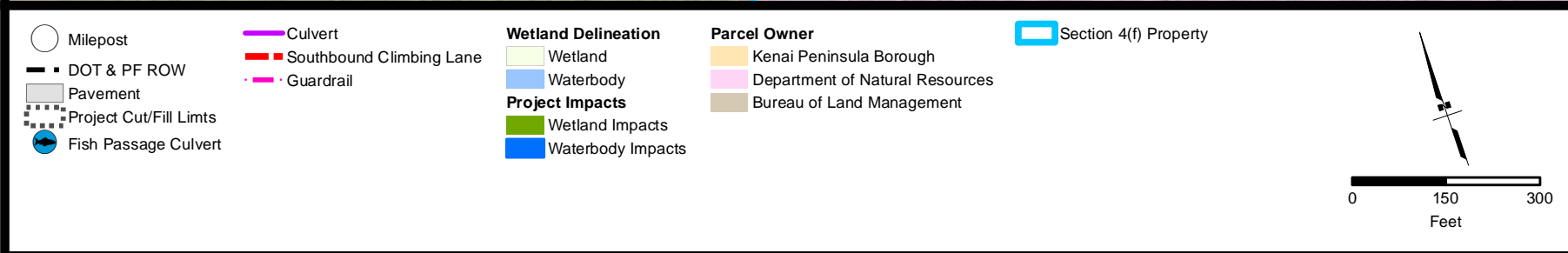


STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
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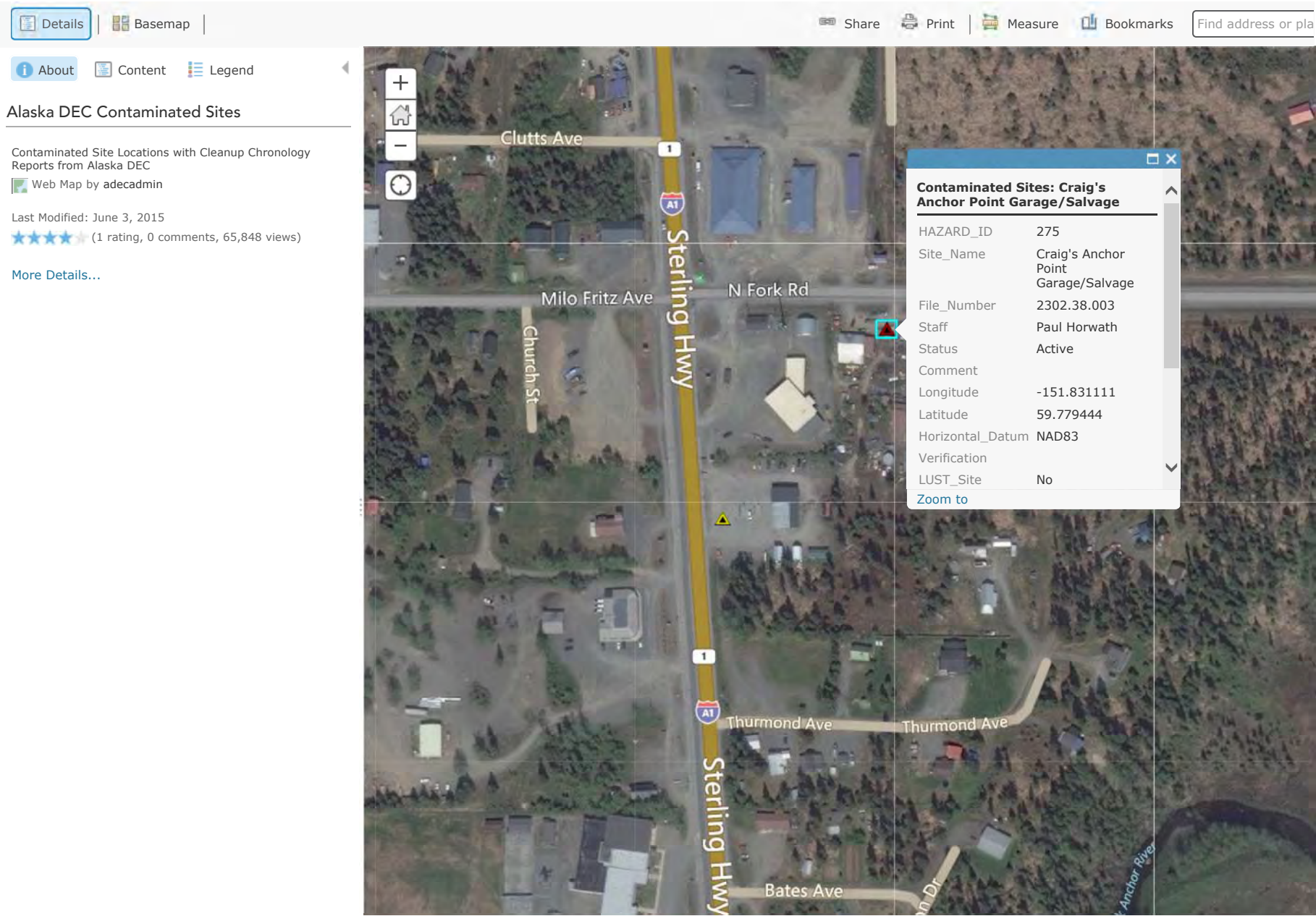


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ArcGIS ▾ Alaska DEC Contaminated Sites

Details | Basemap | Share | Print | Measure

About | Content | Legend

Alaska DEC Contaminated Sites

Contaminated Site Locations with Cleanup Chronology Reports from Alaska DEC

Web Map by adecaadmin

Last Modified: June 3, 2015

★★★★★ (1 rating, 0 comments, 65,848 views)

[More Details...](#)

Contaminated Sites: Anchor Point Texaco	
HAZARD_ID	23429
Site_Name	Anchor Point Texaco
File_Number	2302.26.001
Staff	Paul Horwath
Status	Cleanup Complete - Institutional Controls
Comment	Decimal Lat/Long coordinates collected using ADEC Internal GIS map. (PH) 59.778436 -151.832873

[Zoom to](#)

ArcGIS ▾ Alaska DEC Contaminated Sites

The screenshot shows the ArcGIS web map viewer interface. The top navigation bar includes links for Details, Basemap, Share, Print, Measure, and Bookmarks, along with a search bar. The left sidebar contains an About section with the title 'Alaska DEC Contaminated Sites', a description of the data, and a 'More Details...' link. The main map area shows an aerial view of a facility with a red triangle marker. A pop-up window titled 'Contaminated Sites: ADOT&PF Homer Facility' displays the following information:

Contaminated Sites: ADOT&PF Homer Facility	
HAZARD_ID	24664
Site_Name	ADOT&PF Homer Facility
File_Number	2314.26.002
Staff	Paul Horwath
Status	Active
Comment	Decimal Lat/Long coordinates collected using ADEC Internal GIS map. (PH)
Longitude	-151.642426
Latitude	59.659327

Below the table is a 'Zoom to' link. The map also shows 'Sterling Hwy' and 'Maintenance St'.

ArcGIS ▾ Alaska DEC Contaminated Sites

Details | Basemap

Share | Print | Measure | Bookmarks | Find address or place

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Alaska DEC Contaminated Sites

Contaminated Site Locations with Cleanup Chronology Reports from Alaska DEC

Web Map by adecaadmin

Last Modified: June 3, 2015

★★★★★ (1 rating, 0 comments, 65,848 views)

[More Details...](#)

Contaminated Sites: ADOT&PF Homer Maintenance Shop (OWS)

HAZARD_ID	23744
Site_Name	ADOT&PF Homer Maintenance Shop (OWS)
File_Number	2314.26.003
Staff	IC Unit
Status	Cleanup Complete - Institutional Controls
Comment	
Longitude	-151.642300
Latitude	59.659300
Horizontal_Datum	NAD83
Verification	
Zoom to	

ArcGIS ▾ Alaska DEC Contaminated Sites

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Web Map by adecaadmin

Last Modified: June 3, 2015

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[More Details...](#)

+

Home

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Refresh

Contaminated Sites: Homer Bailing Facility - Landfill 1

HAZARD_ID	1819
Site_Name	Homer Bailing Facility - Landfill 1
File_Number	2314.38.012
Staff	IC Unit
Status	Cleanup Complete - Institutional Controls
Comment	
Longitude	-151.638611
Latitude	59.661944
Horizontal_Datum	NAD83
Verification	

[Zoom to](#)

