

# PIH REVIEW COMMENTS

## Kenai: Bridge Access Road Pavement Preservation and Improvements Project No. CFHWY00830

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**Dept. of Natural Resources**  
**Division of Parks and Outdoor Recreation, Design and Construction**  
 Prepared By: Rangell Soriano, P.E.  
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**PIH Review  
REVIEW**

**PROJECT NAME: Kenai Bridge Access Road Pavement Preservation  
PROJECT NUMBER: CFHWY00830**

No. 1 - ENV  
Page 1 of 1

	<b>DATE: 8.15.25</b> <b>REVIEWER: Bob Effinger</b> <b>SECTION: Environmental (ENV)</b> <b>PHONE: (907) 269-0531</b>	<b>Confirmation of action taken on comment by:</b> 
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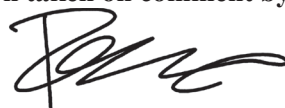
Item No.	Sheet / Page No.	Section	Comment	Response	Meeting Note
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1)	D 01	ENV	Sheet F 04 shows and labels that a culvert would be replaced under the Boat Launch Road approach to Bridge Access Road at approximate Station 100+40 Left. Should this location be included in the table of removed culverts on Sheet D 01? It appears to be missing from the table.	Culvert included in Removal of Culvert pipe Table on Sheet D1	
2)	D 01	ENV	The culvert removal noted on Sheet D 01 at Station 60+50 appears to be on Sheet F2 not F3 as is shown on the Sheet D 01 table.	Correction Made	
3)	Multiple	ENV	The cover sheet has the correct project # CFHWY00830 but it appears all the following sheets have CFHWY00689	Correction Made	
4)	Multiple	ENV	It appears that the official project name is “Kenai Bridge Access Road Pavement Preservation” rather than “Kenai Bridge Access Road Pavement Preservation and Improvements.” It appears “and Improvements” can be dropped off the project title.	Correction Made	


**PIH Review  
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**PROJECT NAME: Bridge Access Road PP  
PROJECT NUMBER: CFHWY00830**

No. 2 ROW  
Page 1 of 1

	<b>DATE: 7-21-2025</b> <b>REVIEWER: J. Pettijohn</b> <b>SECTION: ROW Engineering</b> <b>PHONE: (907) 269-0673</b>	<b>Confirmation of action taken on comment by:</b> 
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1)	E 03	RW	Please darken the ROW curves to proper lineweight.	Correction Made.	
2)	F 03	RW	Will TCEs be needed to replace the culvert at approximate stationing 76+00?	Yes, 3 TCE's are needed.	
3)	F 04	RW	The TCEs that are being acquired to encompass the culvert replacement work on both the north and south sides of Boat Launch Road (~ 99+00 – 101+75 LT) need to be shown.	Added.	
4)	General	RW	Many sheets have CFHWY00689 from the Kenai Bridge Access Road Pathway listed. Is this correct?	Project Name Corrected	
5)	H 19-20	RW	Please add north arrow.	Added.	
6)	H xx	RW	Soldotna is misspelled on the signs.	Correction Made.	

**PIH Review  
REVIEW**

**PROJECT NAME: Kenai Bridge Access Road Pavement Preservation  
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No. 3 SC  
Page 1 of 1

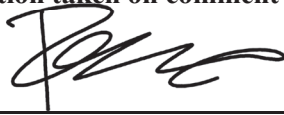
	<b>DATE: August 5, 2025</b> <b>REVIEWER: Travis Test</b> <b>SECTION: Surveys</b> <b>PHONE: (907) 269-0538</b>	<b>Confirmation of action taken on comment by:</b> 
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1)	A2	SC	Note #2 – Remove the last sentence. That is a task for the design team.	Correction Made.	
2)	A4 – A#	SC	Please provide the DOT&PF Survey Section the project alignment after all PS&E comments have been addressed and the alignment is final. This will get the SCS in the queue. Confirm alignment is tangential (no non-tangent curves).	Alignment sent.	
3)	B1	SC	Structural Section “03” – Should this be <i>Planing</i> Structural Section?	Correction Made.	
4)	C1	SC	Please add pay item 642.0011.0000 – Adjust Existing Monument Case – Quantity 1. This will be for a monument case close to the BOP. Will confirm station and offset at PS&E.	Item Added.	
5)	F sheets	SC	<ul style="list-style-type: none"> <li>Label Bridge Access Road in all F sheet viewports</li> <li>Show alignment geometry, curve, and tangent bearing information</li> </ul>	Added	
6)	F1	SC	<ul style="list-style-type: none"> <li>Label BOP station, northing, and easting</li> <li>Move match line text in the lower right</li> </ul>	Correction Made.	
7)	F2	SC	Move match line text in the lower left	Correction Made.	
8)	F7	SC	Label EOP station, northing, and easting	Correction Made.	
9)					


	<b>DATE:</b> 8/15/25 <b>REVIEWER:</b> R. Risse <b>SECTION:</b> TD <b>PHONE:</b> (907) 269-0584	<b>Confirmation of action taken on comment by:</b> 
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Item No.	Sheet / Page No.	Section	Comment	Response	Meeting Note
1)	A1	TD	Standard drawings not listed. Index for standard DOT&PF drawings can be found here: <a href="https://dot.alaska.gov/creg/design/highways/AutoCAD/RegionalDetails/">https://dot.alaska.gov/creg/design/highways/AutoCAD/RegionalDetails/</a>	Item Added.	
2)	A1	TD	DOT&PF Director name missing.	Added DOT Preconstruction Engineer	
3)	A3	TD	Please use us the dwg version of the legend: <a href="https://dot.alaska.gov/creg/design/highways/AutoCAD/ACAD/SupportDrawings/">https://dot.alaska.gov/creg/design/highways/AutoCAD/ACAD/SupportDrawings/</a>	Item Added.	
4)	B1	TD	Is the existing asphalt thickness for structural section 3 thick enough for planing 2”?	Yes.	
5)	B1	TD	Are the existing side slopes 3:1? Consider whether side slopes should be 4:1 or flatter so runoff vehicles are recoverable. Please refer to the 2004 Roadside Design Guide.	Existing Side slopes are 3:1.	
6)	B1	TD	Check spelling in note 2.	Correction Made.	
7)	C1	TD	Pay items for signage work missing.	Item Added.	
8)	C1	TD	I think traffic detection at the signals is with traffic loops. Confirm with as-builts and survey, show existing loops or loop replacements in H sheets. Either convert intersection detection to radar or include item 660.2008.0000 Traffic Loop Replacement for impacted loops and include loop detail sheets.	Item will be added.	
9)	F4	TD	Station 114 + 50, please label Beaver Loop Rd. Should there be a culvert running under Beaver Loop Rd?	Correction Made. No Culvert under Beaver Loon Road.	

**PIH Review  
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**PROJECT NUMBER: CFHWY00830**

	<b>DATE: 8/15/25</b> <b>REVIEWER: R. Risse</b> <b>SECTION: TD</b> <b>PHONE: (907) 269-0584</b>	<b>Confirmation of action taken on comment by:</b> 
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10)	F5	TD	Station 129 + 00, should there be a culvert under Van Antwerp Ave?	<input type="text" value="No Existing Culvert."/>	
11)	H1	TD	Please include pertinent Traffic Design standard regional details and place them in the order listed on the website: <a href="https://dot.alaska.gov/creg/design/highways/AutoCAD/RegionalDetails/Traffic/">https://dot.alaska.gov/creg/design/highways/AutoCAD/RegionalDetails/Traffic/</a>	<input type="text" value="Items included."/>	
12)	H General	TD	Please list the H sheet items in the order listed in Chapter 5: Appendix A - H Sheet Order of the DOT&PF drafting guide: <a href="https://dot.alaska.gov/creg/design/highways/AutoCAD/DraftingGuide/CR_CAD_Standards_Guide.pdf">https://dot.alaska.gov/creg/design/highways/AutoCAD/DraftingGuide/CR_CAD_Standards_Guide.pdf</a>	<input type="text" value="Items included."/>	
13)	H General	TD	Please include a separate sign salvage summary.	<input type="text" value="Items included."/>	

<p><b>DATE:</b> 8/15/25 <b>REVIEWER:</b> R. Risse <b>SECTION:</b> TD <b>PHONE:</b> (907) 269-0584</p>	<p><b>Confirmation of action taken on comment by:</b></p> 
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14)	H General	TD	<p>It appears the signs in here reflect exactly what's currently out there. Many of the existing signs don't meet current standards; ATM/MUTCD. Please do a complete sign review of every sign.</p> <p>Also, please confirm whether signs maintained by agencies other than DOT&amp;PF have current permits with DOT&amp;PF ROW. Some private signs in this project don't appear to meet the criteria to be in the ROW; those should be removed. Signs maintained by different agencies should not be intermixed on the same posts to prevent confusion on who does repairs. There are also rules regarding what types of signs can share the same post, see manuals.</p> <p>Please check spacing between signs. DOT&amp;PFs preference on sign spacing is 200' spacing between smaller signs and 400' spacing between larger signs. In scenarios where spacing is tight, MUTCD min spacing is 100'. There are also additional sign spacing requirements in the MUTCD/ATM.</p> <p>Adopt-a-highway signs should be removed and reinstalled instead of replaced if moving them is needed unless the sign is heavily damaged. Contact the M&amp;O adopt a hwy section and ask if they need a sponsor sign.</p> <p>Destination and street name signs should have upper and lowercase lettering and street names should be confirmed with the KPB GIS map.</p> <p>Please check whether any of these signs have been replaced by ATM Alaska specific signs and update type descriptions.</p>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Sign inventory completed.</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Looking into other sign ownership.</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Spacing checked.</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Signs will be removed and reinstalled.</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Corrected.</div> <div style="border: 1px solid black; padding: 2px;">Checked.</div>	
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15)	H General	TD	Does DNR have the ability to make sign shop drawings for custom signs (AutoCAD GuideSIGN) or do you need assistance in making them?	We do not. Will need assistance.	
16)	H General	TD	Generally, DOT&PF M&O prefer the use of sign bases with frangible couplings instead of perforated tubing unless the sign is behind guardrail because it's easier to replace frangible couplings in winter. Please confirm with them. For other maintaining agencies, contact their M&O staff for preference and check breakaway requirements. Change post types as needed and follow the guidance in the Alaska Hwy Preconstruction Manual, Alaska Standard Plans, and regional details.	Correction made.	
17)	H General	TD	Please check the font on all signs. Modify Sign Summary to match.	Will update for the Cert Set.	
18)	H General	TD	Are any of the signs to be mounted on existing light poles? If so please note in remarks column.	Noted.	
19)	H1-H8	TD	Check project title matches cover sheet.	Will check.	
20)	H4	TD	TODS signs (sign 27) are private property. Confirm sign is permitted with DOT&PF ROW. If this sign has to be removed, remove and reinstall existing sign on new posts otherwise don't replace. Not supposed to use FHWA funds to improve/maintain private property unless the road work requires it.	Sign will be removed and reinstalled.	
21)	H5	TD	Sign 32, Type "CW1-7", please rename to W1-7.	Correction made.	
22)	H 2, H10	TD	D9-B on H 10 does not match the sign summary.	Correction made.	
23)	F7, H15	TD	Should Sign 52 and associated median be removed and replaced as indicated on B1? Is the median being removed or replaced?	Correction made.	
24)	H5	TD	Sign 32, Type "CW1-7", please rename to W1-7.	Correction made.	
25)	H12	TD	Top window, Station 100+50, please label roadway "Boat Launch Rd"	Correction made.	

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26)	H17- H20	TD	<p>Many striping labels are missing (mostly station and gore). Recommend referencing an example project such as Seward Meridian Parkway Rd Improvements Ph II Z512210000 to match label styles. For crosswalks, please replace both lines even if the 2<sup>nd</sup> line is past the paving limit.</p>	Added.	
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**PIH Review  
REVIEW**

**PROJECT NAME: Bridge Access Road Pavement Preservation  
PROJECT NUMBER: 0463021/CFHWY00830**

	<b>DATE: 08/07/2025</b> <b>REVIEWER: Elliot S.</b> <b>SECTION: Hydrology</b> <b>PHONE: (907) 269-0526</b>	<b>Confirmation of action taken on comment by:</b> 
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1)	A 01	HY	The following Alaska Standard Plans apply to this project: D-01.02, D-04.22, D-06.10, D-07.00, D-30.11, D-31.01, G-00.05	Added.	
2)	A 02	HY	Remove the extra decimal in the End Project multileader.	Correction Made.	
3)	B 01	HY	<i>Consistent</i> is misspelled.	Correction Made.	
4)	C 01	HY	a. <i>Pipe</i> is misspelled. b. Revise riprap pay item number. c. Use Geotextile, Stabilization, Class 1 at large-diameter crossings. d. Where is the 72” aluminum pipe gauge proposed?	Correction Made.	
5)	C 01	HY	Add the following estimating factors: <ul style="list-style-type: none"> <li>• Ditch Lining, 110 LB/C.F.</li> <li>• Riprap, Class I, 108 LB/C.F.</li> </ul>	Added.	
6)	F 01	HY	Was the cross culvert near sta. 19+00 inspected?	Yes.	
7)	F 01	HY	Replace the cross culvert near sta. 26+25 with a 36” HDPE culvert.	Added.	
8)	F 02	HY	Replace the cross culvert near sta. 60+50 with a 36” HDPE culvert with end sections.	Added.	
9)	F 03	HY	I can provide design linework for the large-diameter culverts upon request.	Understood.	

**PIH Review**  
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	<p><b>DATE: 08/07/2025</b> <b>REVIEWER: Elliot S.</b> <b>SECTION: Hydrology</b> <b>PHONE: (907) 269-0526</b></p>	<p><b>Confirmation of action taken on comment by:</b></p> 
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10)	F 05	HY	Replace the approach culvert near sta. 130+75 rt with a 24" HDPE culvert. Confirm minimum cover is satisfied per ASP D-04.22.	Being Replaced in Pathway Project.	
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**PIH Review  
REVIEW**

**PROJECT NAME: Kenai Bridge Access Road Pavement Preservation  
PROJECT NUMBER: CFHWY00830**

	<b>DATE: 8/12/25</b> <b>REVIEWER: BB, ES, RH</b> <b>SECTION: PD&amp;E</b> <b>PHONE: (907) 269-0528</b>	<b>Confirmation of action taken on comment by:</b> 
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1)	A 01	PD&E	Recommend following the template cover sheet. The current sheet is missing a significant amount of information (federal number, route number, mile points, Lat/Long, description of work, design designations, etc.)	Still working on adapting DOT Template.	
2)	ALL except E	PD&E	Missing “Project Designation” block, leading to State, Federal Project Number, and projected year of advertisement not shown on all plan sheets as required.	Still working on adapting DOT Template.	
3)	B 01	PD&E	Show total half-width on the left side of the typical section and detail lane and shoulder widths on the right side.	Corrected.	
4)	B 01	PD&E	Second typical section: how does the half-width vary while the lane and shoulder widths are constant? Other than that, the second typical section is identical to the first.	Corrected.	
5)	B 01	PD&E	Structural Sections specify “Asphalt Treated Base”, inconsistent with pay item of “Crushed Asphalt Base Course”.	Corrected.	
6)	C 01	PD&E	Include Asphalt Binder and Combined Price Adjustment items for HMA.	Added.	
7)	C 01	PD&E	Ensure all quantities have been rounded accordingly.	Correction Made.	
8)	C 01	PD&E	Missing items 202.0009.0000, 603.0003.0024, and 639.2000.0000 shown on D1	Correction Made.	
9)	E 01	PD&E	If accessible, consider potholing the transmission gas line during the design phase of the project to ensure cover requirements are met	Will try and confirm with Utilities.	

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	<b>DATE: 8/12/25</b> <b>REVIEWER: BB, ES, RH</b> <b>SECTION: PD&amp;E</b> <b>PHONE: (907) 269-0528</b>	<b>Confirmation of action taken on comment by:</b> 
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10)	E 02	PD&E	In detail “Typical Culvert Cross Section [...]”, what does the leader “Subgrade Material, See Typical Sections” refer to?	Correction Made.	
11)	F ALL	PD&E	Remove shading from utility and traffic blocks for consistency with A3.	Correction Made.	
12)	F ALL	PD&E	Include centerline bearings along tangents and curve data for curves.	Correction Made.	
13)	F 01	PD&E	Consider removing headers for “Edge of Payment, “Edge of Shoulder”, and “Fill Slope” and ensuring they are shown on A3.	Correction will be made.	
14)	F 01	PD&E	Include BOP station with Northing and Easting.	Added.	
15)	F 01, F 07	PD&E	Confirm that curb ramps at BOP and EOP are not subject to required ADA upgrades per Highway Preconstruction Manual section 1140.4.3.	Correction Made.	
16)	F 05	PD&E	Alignment appears to be misaligned with road centerline for curve beginning after 140+00.	Additional Alignment Created.	
17)	F 07	PD&E	Include EOP station with Northing and Easting.	Added.	
18)	F 07	PD&E	Include edge of pavement tapers with stations and offset distances.	Added.	

**PIH Review  
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**PROJECT NAME: Kenai: Bridge Access Road Pavement Preservation & Imps**  
**PROJECT NUMBER: CFHWY00830**

	<b>DATE:</b> 8/14/2025 <b>REVIEWER:</b> C. Post <b>SECTION:</b> HD - Stds <b>PHONE:</b> (907) 269-7885	<b>Confirmation of action taken on comment by:</b> 
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1)	A 01	HD	Add Federal Number IRIS number doesn't match following sheets (00830 vs 00689) I believe this is just the Pavement Preservation project and the Imps portion was put out earlier this year. Suggest removing Imps in title. Add Central Region Standard Details and disclaimer of precedence, if required. Can we add Route # and Mile Points either on A1 or A2? This'll help us to add to our GIS tracking site.	<div style="border: 1px solid black; padding: 2px;">Added.</div>	
2)	A 02	HD	Suggest adding Route Information (length and width) and Design Designations (current AADT, speed, etc.) Note 2: Is the last sentence staying or is this a note to Design to verify? Is the L in HDL missing or is this a printing issue? Suggest calling out Bridge and Bridge No. – this should also be included in Route info such as length and width.	<div style="border: 1px solid black; padding: 2px;">Added.</div>	
3)	A 03	HD	Things are much darker. Are you using our CTB to plot?	<div style="border: 1px solid black; padding: 2px;">Will use DOT Template, unable to convert template at this time.</div>	

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4)	B 01	HD	<p>General Structural Section:          No profile is included in the sheets. This should be replaced with Point of Rotation as you'll have superelevation.          How can you have varying width and set lane/shoulder widths?          You can combine the two digout typicals with each other as well as the pavement planing. You should include pavement tapers on the F sheets to denote pavement edge changes.          No cut section anticipated?          Second typical from top: Slight difference between EOP stationing on this typical versus what is shown on A2</p>	<div style="border: 1px solid black; padding: 2px;">Corrections Made.</div>	
5)	B 01	HD	Note 2: Spelling Consistent in first sentence. What is the existing asphalt depth?	<div style="border: 1px solid black; padding: 2px;">2" Asphalt Concrete, Type II Class B, 4" Crushed Asphalt Base Course</div>	
6)	B 01	HD	<p>Structural Sections          How are these callouts working – there is no B2? Suggest removing those callouts and leave it with no. of structural section to use.          Add Class A to HMA callouts          Good practice to include ROW lines on typicals          01/B2 - Add STE-1 Asphalt for Tack Coat callout.          02/B2 – Why state min. for Selected Material, Type A?          03/B2 – Under Structural Section “03” title Spelling Planing</p> <ul style="list-style-type: none"> <li>• Suggest deleting ‘..., then place HMA’</li> </ul>	<div style="border: 1px solid black; padding: 2px;">Corrections Made.</div>	

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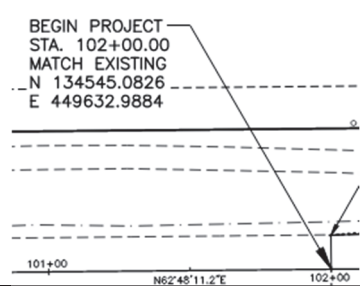
<p><b>DATE:</b> 8/14/2025  <b>REVIEWER:</b> C. Post  <b>SECTION:</b> HD - Stds  <b>PHONE:</b> (907) 269-7885</p>	<p>Confirmation of action taken on comment by:</p> 
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7)	C 01	HD	<p>Estimate of Quantities:          Add Planing item (202.2023) as shown on Structural Section No. 3 (instead of Remove of Pavement)          Where is Subbase, Grading F &amp; Crushed Asphalt Base Course to be used? I didn't see any callouts throughout the sheets.          Add 401.0004.5240 for asphalt binder          Add 401.0008, 401.0009, 401.0010, 401.2021 – HMA price adjustments have been split (per our specials)          603 – Missing pipe item 24" CSP shown in summary table; also what about end sections – we typically pay for these separately?          603.0001.0072 10 Gage Aluminum Pipe 72 <b>Inch</b> – Should this be 603.0009.0072? Suggest following naming scheme in SSHC and adding Gage as a supplemental description          603.0009.0096 Pipe          630.0001.001 Class <b>1</b>          630.0001.003 Class <b>3</b>          634.0002.0000 Class <b>1</b>          639.2000.0000 Approach - Add          641.0008.0000 SWPPP Tracker – DNR is doing CA, correct? This may not be required then but should be included if DOT&amp;PF CA.          641.0002.000 -&gt; We've use 641.0005.0000 Temporary Erosion, Sediment and Pollution Control by Directive – this matches our Central Region special.          Add 645.0001.0000 – Training Program, Trainees / Apprentices</p>	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: auto;">Corrections Made.</div>	
8)	C 01	HD	<p>Estimating Factors:          Add 401.0001.002A 151 LB/CF          Add 401.0004.5240 5.3% of total weight of 401.0001.002A          Add 304.0001.000F density          Is there a need for Asphalt Pathway density? Item isn't included in Estimate of Quantities.</p>	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: auto;">Corrections Made.</div>	

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9)	D 01	HD	<p>We're removing several culverts and not replacing them? If the plan is to remove &amp; replace, you'll need to include missing 603 pipe items (18", 24", 30", 36"); also what about end sections?                  If we're removing (and replacing) these approach culverts, include them in the Approach summary table.                  Are we not replacing the curb &amp; gutter being removed? No items in Estimate of Quantities.</p>	Corrections Made.	
10)	E 01	HD	<p>TCE needed on left side?                  Gas line is assumed at a 4' depth. Cross section is showing a fair bit of cut. How accurate is this cross-section related to removing cover from the gas line?</p>	Corrections Made.	
11)	E 03	HD	<p>TCEs being acquired? H&amp;H summary?</p>	Yes.	
12)	F Sheets	HD	<p>Remove shading from behind the symbols                  How was the centerline alignment created? No curve data or bearings included. F 6 shows a curve no longer at center of road.                  Is the plan to rebuild approaches in the digout sections and no work on approaches in planing areas? Unclear what scope of work is required on approaches.</p>	Corrections Made.	
13)	F 01	HD	<p>Add BOP/EOP Callouts with Station &amp; N/E</p> 	Corrections Made.	
14)	F 01	HD	<p>K-Beach Intx – has this been changed to radar? Impacting loops?</p>	Will change to radar.	
15)	F 01	HD	<p>Add radius points and pavement tapers callouts</p>	Added.	
16)	F 01	HD	<p>Shouldn't require labels for 'Edge of Pavement', 'Edge of Shoulder', 'Fill Slope' – these are all following A3 linetypes</p>	Corrections Made.	

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17)	F 01	HD	Culverts shown in digout sections: Are these only being removed and not replaced? If not, you should add a proposed culvert in the same area. Sta. 26+00 culvert is not listed but is in a digout area. Has this been inspected and will be okay for design life? This is a good time to replace it if we're already conducting a digout in this area. This is typical comment for drainage features within digout area.	Will be removed and replaced.	
18)	F 01	HD	Sta. 25+25 – I believe the symbols on LT are an old Highway Data CSS (looking at Drakewell site). Are we replacing this? If not, we should remove the equipment from side of road.	Will be removed.	
19)	F 01	HD	Are we rebuilding approach at Sta. 33+00? If so, what material are we using? Suggest including the Approach detail in E sheets.	Current Kenai Flats Project is paving the approach.	
20)	F 02	HD	Suggest adding Begin/End Sta. for bridge. Is no work proposed on the bridge?	Added.	
21)	F 02	HD	Looking at iVision, guardrail on all four quadrants appear to be quite old. End terminals should be replaced at a minimum to meet MASH. If so, you'll need to add guardrail end terminals, guardrail, and Bridge rail transitions to estimate. Make sure to include widening as shown on ASP G-20.12. Need to verify LON.	Added.	
22)	F 04	HD	Include pavement tapers for widening at intersection (and on F 5)	Added.	
23)	F 07	HD	Add pavement tapers	Added.	
24)	F 07	HD	Around intersection there are a few Water/SS features in the pavement. Will these need to be adjusted?	No.	
25)	F 07	HD	Has this intersection been switched to radar? If not, loops impacted by digout.	Will switch to radar.	
26)	F 07	HD	We'll impact the storm drain inlets at end of project (median and curb return). Any work proposed on these structures?	No.	

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27)	H Sheets	HD	<p>Suggest including H 1 and other appropriate sign details from our FTP site:  <a href="https://dot.alaska.gov/creg/design/highways/AutoCAD/RegionalDetails/Traffic/">https://dot.alaska.gov/creg/design/highways/AutoCAD/RegionalDetails/Traffic/</a></p>	Added.	
28)	H 01 – H 09	HD	<p>I didn't do the calculations but several of the posts are undersized. Generally, we don't put anything on anything less than 3" T unless it's a really small sign.                  2 – 2"/2.5" are not crashworthy unless they're separated by 7'+ - see HPCM 1170.7.6 Multiple Post Supports for Sign Supports                  We don't use PT greater than 2.5", use a T and install on frangible couplings.                  Framing should be included on several signs – follow the Light Sign Framing and Attachment Details found on the above FTP link.                  Regulatory signs should be installed on a post without any other signs.                  Sign 53 – Suggest removing the extra signs from the D3 sign.                  Multiple signs could be installed on POPL, when possible.                  Will we be fabricating the P sign and placards as one?                  Default to TD and TS:                  Speed Limit – shouldn't there be advanced warning when heading towards K-Spur dropping from 55 MPH to 45 MPH? Also should use W3-5 signs for speed reduction. Is there no speed drop towards the K-Beach intx?</p>	Correction made.	
29)	H 10 – H 20	HD	<p>Include striping callouts                  Assume Bicycle Symbols will be replaced as the signs are.</p>	Added.	
30)	H 16	HD	<p>Passing zones - these need to be evaluated before being re-installed.</p>	Yes.	
31)	X 01	HD	<p>401.0001.002A – Combined price of HMA at \$100 is pretty low. We'd normally split these between HMA and Binder but when combined we'd be looking for something between \$150-\$200/ton. But verify with recent bid prices – I may be way off these days.</p>	Correction made.	
32)	X 01	HD	<p>641 &amp; 643 Items appear to be low – consult with Construction staff</p>	Correction made.	

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33)	X 01	HD	670 MMA Pavement Markings appears low	Correction made.	
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