

Northern 2018

<TARGET><BILL></BILL><SUBJECT>Northern
2018</SUBJECT><COMM></COMM></TARGET>



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Transportation and
Public Facilities

OFFICE OF THE COMMISSIONER
Marc Luiken, Commissioner

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February 14, 2018

The Honorable Bert Stedman
Alaska State Senate
State Capitol Building, Room 30
Juneau, Alaska 99801

Dear Senator Stedman:

Thank you for the opportunity to discuss upcoming Northern Region construction projects during the February 13, 2018, meeting of the Senate Transportation Committee. In response to questions posed by committee members, the following information is provided:

- ***In regard to TIGER Grants, what does the acronym TIGER mean, and who administers these grant funds?***

TIGER stands for Transportation Investment Generating Economic Recovery. The funds are typically administered by the Federal Department of Transportation. Additional information is available at <https://www.transportation.gov/tiger>.

- ***Please provide additional information on the right-of-way incentive payments referenced during the presentation.***

Information about the Federal Highway Administration's (FHWA) right-of-way incentive payments can be found on the FHWA website at <https://www.fhwa.dot.gov/innovation/everydaycounts/edc-1/row-qas.cfm#incentive>

- ***Does the department maintain a statewide, prioritized list of bridge needs?***

Enclosed please find the department's December 2017 Structurally Deficient Prioritization list of statewide bridges.

If you or your committee members have further questions, please feel free to contact Mike Lesmann at (907)465-4772.

Sincerely,

Handwritten signature of Marc Luiken in black ink.

Marc Luiken
Commissioner

Enclosure

Cc: Mike Lesmann, Legislative Liaison, DOT&PF
Darwin Peterson, Legislative Director, Office of the Governor

"Keep Alaska Moving through service and infrastructure."

ALL REGIONS STRUCTURALLY DEFICIENT PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
1	463	Takotna River	Sterling L/Ophir	Central	State	Off System	Load Posted	1941	3,596	6	3	2	Design
2	666	South Fork Anchor River	Sterling Highway	Central	State	NHS	--	1959	2,626	6	6	4	Design
3	213	Sheep Creek	Parks Highway	Central	State	NHS	--	1962	4,142	7	4	7	Design
4	2128	Willow Creek	Grubstake-Hatchers	Central	State	Off System	Closed	1945	800	5		3	No Project / Bridge Closed
5	747	Ward Creek	North Tongass Hwy	Southcoast	State	Non-NHS	--	1975	6,969	7	6	3	Design
6	805	Skagway Ferry Terminal	Marine Hwy Route	Southcoast	City	NHS	--	1980	2,983	6	6	4	Design
7	725	Hoadley Creek	South Tongass Hwy	Southcoast	State	NHS	--	1957	2,728	4	6	6	Design
8	797	Water St Viaduct	South Tongass Hwy	Southcoast	State	NHS	--	1955	86,316	7	6	4	Design
9	910	Anchor River	Old Sterling Hwy	Central	State	Off System	Load Posted	1949	3,684	6	3	4	Planning / Design
10	630	Portage Creek No 1	Seward Highway	Central	State	NHS	--	1966	6,863	4	5	6	Design
11	634	Twenty Mile River	Seward Highway	Central	State	NHS	--	1967	19,366	4	5	5	Design
12	636	Peterson Creek	Seward Highway	Central	State	NHS	--	1966	4,158	4	5	5	Design
13	638	Virgin Creek	Seward Highway	Central	State	NHS	--	1966	4,158	4	5	6	Design
14	639	Glacier Creek	Seward Highway	Central	State	NHS	--	1966	5,510	4	5	6	Design
15	627	Placer River Overflow	Seward Highway	Central	State	NHS	--	1967	11,094	4	5	6	Design
16	629	Placer River Main Cross	Seward Highway	Central	State	NHS	--	1966	16,601	4	5	5	Design
17	414	First Waterfall Creek	North Tongass Hwy	Southcoast	State	Non-NHS	Load Posted	1961	4,486	4	3	7	Design
18	1704	Gravina Island Term li	Gravina Island	Southcoast	Borough	Non-NHS	Closed	1982	1,259	4	3	3	No Project / Bridge Closed
19	603	Snow River West Channel	Seward Highway	Central	State	NHS	--	1965	6,414	4	6	6	Design
20	605	Snow River Cntr Channel	Seward Highway	Central	State	NHS	--	1965	22,131	4	7	7	Design
21	678	Little Goldstream Ck	Parks Highway	Northern	State	NHS	--	1958	2,251	4	6	5	Design
22	544	Kings River	Glenn Highway	Central	State	NHS	--	1961	8,008	4	5	5	Design
23	836	Chatanika River	Elliott Highway	Northern	State	NHS	--	1971	8,742	4	7	7	Design
24	401	Moose Creek	Petersville Road	Central	State	Off System	--	1974	2,160	6	4	4	No Project
25	574	Gulkana River	Richardson Highway	Northern	State	NHS	--	1974	14,212	4	6	7	Design
26	339	Copper Delta	Copper River Hwy	Northern	State	Non-NHS	Closed	1977	11,575	6	6		No Project / Bridge Closed
27	4008	Crab Creek Culvert	Craig/Klawock/Holl	Southcoast	State	Non-NHS	--	1985	884	N	N	4	No Project
28	2080	Little Goldstream Creek	Little Goldstream	Northern	City	Off System	Load Posted	1984	946	6	6	3	Construction
29	593	Bear Creek	Richardson Highway	Northern	State	NHS	--	1952	1,301	4	7	5	Planning
30	990	Russian River	Chiniak Highway	Southcoast	State	Non-NHS	--	1980	3,362	7	4	6	No Project
31	312	Jenny M Creek	Chena Hot Spr Rd	Northern	State	Non-NHS	--	1965	2,108	6	5	4	Design
32	431	Crooked Creek	Irr:Steese Highway	Northern	State	Non-NHS	--	1957	1,303	7	4	4	Planning
33	581	Upper Miller Creek	Richardson Highway	Northern	State	NHS	--	1958	4,625	4	5	5	Planning
34	583	Castner Creek	Richardson Highway	Northern	State	NHS	--	1958	3,963	4	5	5	Planning
35	518	Johnson River	Alaska Highway	Northern	State	NHS	--	1944	26,214	4	5	5	No Project
36	381	Eyak River	Copper River Hwy	Northern	State	Non-NHS	--	1954	6,774	6	4	5	No Project
37	944	Mineral Creek	Mineral Creek Road	Northern	State	Off System	Load Posted	1970	1,227	5	4	4	Design (M&O)
38	444	Salmon River	Gustavus Airport R	Southcoast	State	Non-NHS	--	1976	4,047	7	6	4	No Project
39	1112	Ankau Slough	Irr:Ocean Cape Rd	Southcoast	City	Off System	--	1961	6,497	6	7	4	No Project
40	446	Water St No 2 Trestle	Water Street	Southcoast	City	Off System	Load Posted	1979	25,489	4	4	4	Construction

ALL REGIONS STRUCTURALLY DEFICIENT PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
41	415	Second Waterfall Creek	North Tongass Hwy	Southcoast	State	Non-NHS	Load Posted	1961	3,703	5	4	7	Design
42	461	Otter Creek	Happy Creek Road	Central	State	Off System	Load Posted	1947	697	6	5	3	No Project
43	940	Fish Camp Creek	Irr:Northway Road	Northern	State	Non-NHS	Temp. Repair	1987	1,267	6	6	4	No Project
44	295	Noyes Slough (Minnie St)	Minnie Street	Northern	State	Non-NHS	--	1953	4,257	6	5	4	Planning
45	2057	Little Chena River	Section Line Rd	Northern	Other State	Off System	Load Posted	1980	1,427	7	4	4	No Project
46	1268	Main Street Pelican	Main Street	Southcoast	City	Off System	Load Posted	1939	34,354	5	4	4	Design
47	1755	Cold Bay Dock	Marine Hwy Route	Southcoast	Borough	Non-NHS	--	1980	22,144	5	4	4	Construction
48	1756	Sand Point City Dock	Marine Hwy Route	Southcoast	City	Non-NHS	--	1983	12,016	4	4	4	Design
49	1958	Fortune Creek	Cache Creek Road	Northern	Other State	Off System	Closed	1991	565		5	5	No Project / Bridge Closed
50	433	Barabara Creek	Irr:Jakolof Bay Rd	Central	State	Off System	--	1968	1,744	6	4	5	No Project
51	2264	Harriet Hunt Creek	Shelter Cove Road	Southcoast	State	Off System	--	1981	959	5	4	5	No Project
52	1841	Sayles/Gorge Viaduct	Sayles/Gorge St	Southcoast	City	Off System	Load Posted	1960	2,416	4	5	3	Design
53	206	Million Dollar Bridge	Copper River Hwy	Northern	State	Off System	Closed	1910	31,353	7	5	4	No Project / Bridge Closed
54	1193	Chokosna River	Edgerton/Mccarthy	Northern	State	Non-NHS	Load Posted	1973	2,062	4	5	4	Design
55	278	Willow Creek	Willow/Fishhook Rd	Central	State	Off System	--	1975	2,732	7	7	4	No Project
56	399	King Salmon Creek	Irr:Nknk-Kng Salmn	Southcoast	State	Non-NHS	--	1960	4,119	4	6	6	Design
57	466	California Creek	Sterling L/Ophir	Central	State	Off System	Load Posted	1937	590	6	6	4	No Project
58	485	Spruce Creek	Sterling L/Ophir	Central	State	Off System	Load Posted	1964	388	7	5	4	No Project
59	1451	Tenakee City Dock	Marine Hwy Route	Southcoast	State	Non-NHS	Load Posted	1977	3,425	3	6	6	Design
60	253	Herring Cove	South Tongass Hwy	Southcoast	State	Non-NHS	--	1952	3,467	4	6	7	Design
61	684	Rock Creek	Denali Highway	Northern	State	Non-NHS	Other Posting	1955	1,208	6	5	4	Design
62	402	Pauls Creek	Irr:Nknk-Kng Salmn	Southcoast	State	Non-NHS	--	1960	3,911	4	6	6	Design
63	1374	Eklutna Overcrossing	Eklutna Village Rd	Central	State	Non-NHS	--	1978	9,082	4	4	5	No Project
64	532	Chena River (Wendell)	Wendell Avenue	Northern	State	Non-NHS	--	1953	12,679	4	5	6	Design
65	841	American Creek No 1	Taylor Highway	Northern	State	Non-NHS	--	1988	3,317	7	7	4	No Project
66	389	Water St No 1 Trestle	Water Street	Southcoast	City	Off System	Load Posted	1920	2,959	5	5	4	Design
67	300	Sinuk River	Irr:Nome-Teller Rd	Northern	State	Non-NHS	--	1967	10,647	7	6	4	No Project
68	1663	Goldstream Creek	Standard Creek Rd	Northern	Other State	Off System	--	1994	1,028	7	7	4	No Project
69	2263	Peterson Street	Peterson Street	Southcoast	City	Off System	Load Posted	1955	919	6	5	4	No Project
70	1473	Thomas Trestle	Thomas Street	Southcoast	City	Off System	Load Posted	1960	7,808	5	5	4	No Project
71	1464	Gravelly Creek	Thorne Bay Road	Southcoast	State	Non-NHS	--	1989	2,899	4	7	7	No Project
72	660	Trail Creek	91 Mile Loop	Northern	State	Off System	Load Posted	1951	697	7	5	4	No Project
73	209	Noyes Slough (Aurora)	Aurora Drive	Northern	State	Non-NHS	--	1960	3,588	4	7	6	Design
74	1685	Jordan Creek (Amalga St)	Amalga Street	Southcoast	City	Off System	--	1982	1,821	4	5	5	No Project
75	1556	Unnamed Creek, Koliganek	Irr:Airport Road	Central	City	Off System	Load Posted	1980	604	6	7	4	No Project
76	1835	Unnamed Creek	Irr:Kolgnk Dump Rd	Central	City	Off System	Load Posted	1980	619	6	6	4	No Project
77	1985	Moose Creek	Oil Well Road	Central	Borough	Off System	--	1998	2,110	8	5	4	No Project
78	1936	Trapper Creek	Bradley Road	Central	Borough	Off System	Load Posted	1992	663	4	7	7	No Project
79	1764	Indian Creek	Irr:Anderson Rd	Southcoast	City	Off System	Load Posted	1985	1,513	7	7	4	No Project
80	945	Horsetail Creek	Mineral Creek Road	Southcoast	State	Off System	Closed	1955	327				Bridge Closed & Removed

ALL REGIONS STRUCTURALLY DEFICIENT PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
81	1637	Glacier Creek	Logging Road	Southcoast	Other State	Off System	Closed	1981	1,361	0	0	0	Bridge Closed & Removed
82	1640	Nataga Creek 1	Logging Road	Southcoast	Other State	Off System	Closed	1971	643	0	0	0	Bridge Closed & Removed

Deck, Superstructure & Substructure Condition Rating Key

	Value	Condition	Notes
Good	9	Excellent	<i>New</i>
	8	Very Good	
	7	Good	
Fair	6	Satisfactory	
	5	Fair	
Poor	4	Poor	<i>Str. Deficient, 4 or less</i>
	3	Serious	
	2	Critical	
	1	Imminent Failure	<i>Bridge Closed</i>
	0	Failed	<i>Bridge Closed</i>

No. of SD Bridges	
82	
26	Central Region
26	Northern Region
30	Southcoast Region

Deck = What you drive on, not asphalt
 Superstructure = Girders, Truss, etc.
 Substructure = Abutments & Piers

CENTRAL REGION PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
1	463	Takotna River	Sterling L/Ophir	Central	State	Off System	Load Posted	1941	3,596	6	3	2	Design
2	666	South Fork Anchor River	Sterling Highway	Central	State	NHS	--	1959	2,626	6	6	4	Design
3	213	Sheep Creek	Parks Highway	Central	State	NHS	--	1962	4,142	7	4	7	Design
4	2128	Willow Creek	Grubstake-Hatchers	Central	State	Off System	Closed	1945	800	5	2	3	No Project / Bridge Closed
9	910	Anchor River	Old Sterling Hwy	Central	State	Off System	Load Posted	1949	3,684	6	3	4	Planning / Design
10	630	Portage Creek No 1	Seward Highway	Central	State	NHS	--	1966	6,863	4	5	6	Design
11	634	Twenty Mile River	Seward Highway	Central	State	NHS	--	1967	19,366	4	5	5	Design
12	636	Peterson Creek	Seward Highway	Central	State	NHS	--	1966	4,158	4	5	5	Design
13	638	Virgin Creek	Seward Highway	Central	State	NHS	--	1966	4,158	4	5	6	Design
14	639	Glacier Creek	Seward Highway	Central	State	NHS	--	1966	5,510	4	5	6	Design
15	627	Placer River Overflow	Seward Highway	Central	State	NHS	--	1967	11,094	4	5	6	Design
16	629	Placer River Main Cross	Seward Highway	Central	State	NHS	--	1966	16,601	4	5	5	Design
19	603	Snow River West Channel	Seward Highway	Central	State	NHS	--	1965	6,414	4	6	6	Design
20	605	Snow River Cntr Channel	Seward Highway	Central	State	NHS	--	1965	22,131	4	7	7	Design
22	544	Kings River	Glenn Highway	Central	State	NHS	--	1961	8,008	4	5	5	Design
24	401	Moose Creek	Petersville Road	Central	State	Off System	--	1974	2,160	6	4	4	No Project
42	461	Otter Creek	Happy Creek Road	Central	State	Off System	Load Posted	1947	697	6	5	3	No Project
50	433	Barabara Creek	Irr:Jakolof Bay Rd	Central	State	Off System	--	1968	1,744	6	4	5	No Project
55	278	Willow Creek	Willow/Fishhook Rd	Central	State	Off System	--	1975	2,732	7	7	4	No Project
57	466	California Creek	Sterling L/Ophir	Central	State	Off System	Load Posted	1937	590	6	6	4	No Project
58	485	Spruce Creek	Sterling L/Ophir	Central	State	Off System	Load Posted	1964	388	7	5	4	No Project
63	1374	Eklutna Overcrossing	Eklutna Village Rd	Central	State	Non-NHS	--	1978	9,082	4	4	5	No Project
75	1556	Unnamed Creek, Koliganek	Irr:Airport Road	Central	City	Off System	Load Posted	1980	604	6	7	4	No Project
76	1835	Unnamed Creek	Irr:Kolgnk Dump Rd	Central	City	Off System	Load Posted	1980	619	6	6	4	No Project
77	1985	Moose Creek	Oil Well Road	Central	Borough	Off System	--	1998	2,110	8	5	4	No Project
78	1936	Trapper Creek	Bradley Road	Central	Borough	Off System	Load Posted	1992	663	4	7	7	No Project

NORTHERN REGION PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
21	678	Little Goldstream Ck	Parks Highway	Northern	State	NHS	--	1958	2,251	4	6	5	Design
23	836	Chatanika River	Elliott Highway	Northern	State	NHS	--	1971	8,742	4	7	7	Design
25	574	Gulkana River	Richardson Highway	Northern	State	NHS	--	1974	14,212	4	6	7	Design
26	339	Copper Delta	Copper River Hwy	Northern	State	Non-NHS	Closed	1977	11,575	6	6	1	No Project / Bridge Closed
28	2080	Little Goldstream Creek	Little Goldstream	Northern	City	Off System	Load Posted	1984	946	6	6	3	Construction
29	593	Bear Creek	Richardson Highway	Northern	State	NHS	--	1952	1,301	4	7	5	Planning
31	312	Jenny M Creek	Chena Hot Spr Rd	Northern	State	Non-NHS	--	1965	2,108	6	5	4	Design
32	431	Crooked Creek	Irr:Steese Highway	Northern	State	Non-NHS	--	1957	1,303	7	4	4	Planning
33	581	Upper Miller Creek	Richardson Highway	Northern	State	NHS	--	1958	4,625	4	5	5	Planning
34	583	Castner Creek	Richardson Highway	Northern	State	NHS	--	1958	3,963	4	5	5	Planning
35	518	Johnson River	Alaska Highway	Northern	State	NHS	--	1944	26,214	4	5	5	No Project
36	381	Eyak River	Copper River Hwy	Northern	State	Non-NHS	--	1954	6,774	6	4	5	No Project
37	944	Mineral Creek	Mineral Creek Road	Northern	State	Off System	Load Posted	1970	1,227	5	4	4	Design (M&O)
43	940	Fish Camp Creek	Irr:Northway Road	Northern	State	Non-NHS	Temp. Repair	1987	1,267	6	6	4	No Project
44	295	Noyes Slough (Minnie St)	Minnie Street	Northern	State	Non-NHS	--	1953	4,257	6	5	4	Planning
45	2057	Little Chena River	Section Line Rd	Northern	Other State	Off System	Load Posted	1980	1,427	7	4	4	No Project
49	1958	Fortune Creek	Cache Creek Road	Northern	Other State	Off System	Closed	1991	565	2	5	5	No Project / Bridge Closed
53	206	Million Dollar Bridge	Copper River Hwy	Northern	State	Off System	Closed	1910	31,353	7	5	4	No Project / Bridge Closed
54	1193	Chokosna River	Edgerton/Mccarthy	Northern	State	Non-NHS	Load Posted	1973	2,062	4	5	4	Design
61	684	Rock Creek	Denali Highway	Northern	State	Non-NHS	Other Posting	1955	1,208	6	5	4	Design
64	532	Chena River (Wendell)	Wendell Avenue	Northern	State	Non-NHS	--	1953	12,679	4	5	6	Design
65	841	American Creek No 1	Taylor Highway	Northern	State	Non-NHS	--	1988	3,317	7	7	4	No Project
67	300	Sinuk River	Irr:Nome-Teller Rd	Northern	State	Non-NHS	--	1967	10,647	7	6	4	No Project
68	1663	Goldstream Creek	Standard Creek Rd	Northern	Other State	Off System	--	1994	1,028	7	7	4	No Project
72	660	Trail Creek	91 Mile Loop	Northern	State	Off System	Load Posted	1951	697	7	5	4	No Project
73	209	Noyes Slough (Aurora)	Aurora Drive	Northern	State	Non-NHS	--	1960	3,588	4	7	6	Design

SOUTHCOAST REGION PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
5	747	Ward Creek	North Tongass Hwy	Southcoast	State	Non-NHS	--	1975	6,969	7	6	3	Design
6	805	Skagway Ferry Terminal	Marine Hwy Route	Southcoast	City	NHS	--	1980	2,983	6	6	4	Design
7	725	Hoadley Creek	South Tongass Hwy	Southcoast	State	NHS	--	1957	2,728	4	6	6	Design
8	797	Water St Viaduct	South Tongass Hwy	Southcoast	State	NHS	--	1955	86,316	7	6	4	Design
17	414	First Waterfall Creek	North Tongass Hwy	Southcoast	State	Non-NHS	Load Posted	1961	4,486	4	3	7	Design
18	1704	Gravina Island Term li	Gravina Island	Southcoast	Borough	Non-NHS	Closed	1982	1,259	4	3	3	No Project / Bridge Closed
27	4008	Crab Creek Culvert	Craig/Klawock/Holl	Southcoast	State	Non-NHS	--	1985	884	N	N	4	No Project
30	990	Russian River	Chiniak Highway	Southcoast	State	Non-NHS	--	1980	3,362	7	4	6	No Project
38	444	Salmon River	Gustavus Airport R	Southcoast	State	Non-NHS	--	1976	4,047	7	6	4	No Project
39	1112	Ankau Slough	Irr:Ocean Cape Rd	Southcoast	City	Off System	--	1961	6,497	6	7	4	No Project
40	446	Water St No 2 Trestle	Water Street	Southcoast	City	Off System	Load Posted	1979	25,489	4	4	4	Construction
41	415	Second Waterfall Creek	North Tongass Hwy	Southcoast	State	Non-NHS	Load Posted	1961	3,703	5	4	7	Design
46	1268	Main Street Pelican	Main Street	Southcoast	City	Off System	Load Posted	1939	34,354	5	4	4	Design
47	1755	Cold Bay Dock	Marine Hwy Route	Southcoast	Borough	Non-NHS	--	1980	22,144	5	4	4	Construction
48	1756	Sand Point City Dock	Marine Hwy Route	Southcoast	City	Non-NHS	--	1983	12,016	4	4	4	Design
51	2264	Harriet Hunt Creek	Shelter Cove Road	Southcoast	State	Off System	--	1981	959	5	4	5	No Project
52	1841	Sayles/Gorge Viaduct	Sayles/Gorge St	Southcoast	City	Off System	Load Posted	1960	2,416	4	5	3	Design
56	399	King Salmon Creek	Irr:Nknk-Kng Salmn	Southcoast	State	Non-NHS	--	1960	4,119	4	6	6	Design
59	1451	Tenakee City Dock	Marine Hwy Route	Southcoast	State	Non-NHS	Load Posted	1977	3,425	3	6	6	Design
60	253	Herring Cove	South Tongass Hwy	Southcoast	State	Non-NHS	--	1952	3,467	4	6	7	Design
62	402	Pauls Creek	Irr:Nknk-Kng Salmn	Southcoast	State	Non-NHS	--	1960	3,911	4	6	6	Design
66	389	Water St No 1 Trestle	Water Street	Southcoast	City	Off System	Load Posted	1920	2,959	5	5	4	Design
69	2263	Peterson Street	Peterson Street	Southcoast	City	Off System	Load Posted	1955	919	6	5	4	No Project
70	1473	Thomas Trestle	Thomas Street	Southcoast	City	Off System	Load Posted	1960	7,808	5	5	4	No Project
71	1464	Gravelly Creek	Thorne Bay Road	Southcoast	State	Non-NHS	--	1989	2,899	4	7	7	No Project
74	1685	Jordan Creek (Amalga St)	Amalga Street	Southcoast	City	Off System	--	1982	1,821	4	5	5	No Project
79	1764	Indian Creek	Irr:Anderson Rd	Southcoast	City	Off System	Load Posted	1985	1,513	7	7	4	No Project
80	945	Horsetail Creek	Mineral Creek Road	Southcoast	State	Off System	Closed	1955	327	0	0	0	Bridge Closed & Removed
81	1637	Glacier Creek	Logging Road	Southcoast	Other State	Off System	Closed	1981	1,361	0	0	0	Bridge Closed & Removed
82	1640	Nataga Creek 1	Logging Road	Southcoast	Other State	Off System	Closed	1971	643	0	0	0	Bridge Closed & Removed

ALL REGIONS PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017 ---- DECKS

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
7	725	Hoadley Creek	South Tongass Hwy	Southcoast	State	NHS	--	1957	2,728	4	6	6	Design
10	630	Portage Creek No 1	Seward Highway	Central	State	NHS	--	1966	6,863	4	5	6	Design
11	634	Twenty Mile River	Seward Highway	Central	State	NHS	--	1967	19,366	4	5	5	Design
12	636	Peterson Creek	Seward Highway	Central	State	NHS	--	1966	4,158	4	5	5	Design
13	638	Virgin Creek	Seward Highway	Central	State	NHS	--	1966	4,158	4	5	6	Design
14	639	Glacier Creek	Seward Highway	Central	State	NHS	--	1966	5,510	4	5	6	Design
15	627	Placer River Overflow	Seward Highway	Central	State	NHS	--	1967	11,094	4	5	6	Design
16	629	Placer River Main Cross	Seward Highway	Central	State	NHS	--	1966	16,601	4	5	5	Design
17	414	First Waterfall Creek	North Tongass Hwy	Southcoast	State	Non-NHS	Load Posted	1961	4,486	4	3	7	Design
18	1704	Gravina Island Term li	Gravina Island	Southcoast	Borough	Non-NHS	Closed	1982	1,259	4	3	3	No Project / Bridge Closed
19	603	Snow River West Channel	Seward Highway	Central	State	NHS	--	1965	6,414	4	6	6	Design
20	605	Snow River Cntr Channel	Seward Highway	Central	State	NHS	--	1965	22,131	4	7	7	Design
21	678	Little Goldstream Ck	Parks Highway	Northern	State	NHS	--	1958	2,251	4	6	5	Design
22	544	Kings River	Glenn Highway	Central	State	NHS	--	1961	8,008	4	5	5	Design
23	836	Chatanika River	Elliott Highway	Northern	State	NHS	--	1971	8,742	4	7	7	Design
25	574	Gulkana River	Richardson Highway	Northern	State	NHS	--	1974	14,212	4	6	7	Design
29	593	Bear Creek	Richardson Highway	Northern	State	NHS	--	1952	1,301	4	7	5	Planning
33	581	Upper Miller Creek	Richardson Highway	Northern	State	NHS	--	1958	4,625	4	5	5	Planning
34	583	Castner Creek	Richardson Highway	Northern	State	NHS	--	1958	3,963	4	5	5	Planning
35	518	Johnson River	Alaska Highway	Northern	State	NHS	--	1944	26,214	4	5	5	No Project
40	446	Water St No 2 Trestle	Water Street	Southcoast	City	Off System	Load Posted	1979	25,489	4	4	4	Construction
48	1756	Sand Point City Dock	Marine Hwy Route	Southcoast	City	Non-NHS	--	1983	12,016	4	4	4	Design
49	1958	Fortune Creek	Cache Creek Road	Northern	Other State	Off System	Closed	1991	565	4	5	5	No Project / Bridge Closed
52	1841	Sayles/Gorge Viaduct	Sayles/Gorge St	Southcoast	City	Off System	Load Posted	1960	2,416	4	5	3	Design
54	1193	Chokosna River	Edgerton/Mccarthy	Northern	State	Non-NHS	Load Posted	1973	2,062	4	5	4	Design
56	399	King Salmon Creek	Irr:Nknk-Kng Salmn	Southcoast	State	Non-NHS	--	1960	4,119	4	6	6	Design
59	1451	Tenakee City Dock	Marine Hwy Route	Southcoast	State	Non-NHS	Load Posted	1977	3,425	3	6	6	Design
60	253	Herring Cove	South Tongass Hwy	Southcoast	State	Non-NHS	--	1952	3,467	4	6	7	Design
62	402	Pauls Creek	Irr:Nknk-Kng Salmn	Southcoast	State	Non-NHS	--	1960	3,911	4	6	6	Design
63	1374	Eklutna Overcrossing	Eklutna Village Rd	Central	State	Non-NHS	--	1978	9,082	4	4	5	No Project
64	532	Chena River (Wendell)	Wendell Avenue	Northern	State	Non-NHS	--	1953	12,679	4	5	6	Design
71	1464	Gravelly Creek	Thorne Bay Road	Southcoast	State	Non-NHS	--	1989	2,899	4	7	7	No Project
73	209	Noyes Slough (Aurora)	Aurora Drive	Northern	State	Non-NHS	--	1960	3,588	4	7	6	Design
74	1685	Jordan Creek (Amalga St)	Amalga Street	Southcoast	City	Off System	--	1982	1,821	4	5	5	No Project
78	1936	Trapper Creek	Bradley Road	Central	Borough	Off System	Load Posted	1992	663	4	7	7	No Project

ALL REGIONS PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017 ---- SUPERSTRUCTURES (GIRDERS, STRINGERS, TRUSSES, ETC)

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
1	463	Takotna River	Sterling L/Ophir	Central	State	Off System	Load Posted	1941	3,596	6	3	2	Design
3	213	Sheep Creek	Parks Highway	Central	State	NHS	--	1962	4,142	7	4	7	Design
4	2128	Willow Creek	Grubstake-Hatchers	Central	State	Off System	Closed	1945	800	5	3	3	No Project / Bridge Closed
9	910	Anchor River	Old Sterling Hwy	Central	State	Off System	Load Posted	1949	3,684	6	3	4	Planning / Design
17	414	First Waterfall Creek	North Tongass Hwy	Southcoast	State	Non-NHS	Load Posted	1961	4,486	4	3	7	Design
18	1704	Gravina Island Term li	Gravina Island	Southcoast	Borough	Non-NHS	Closed	1982	1,259	4	3	3	No Project / Bridge Closed
24	401	Moose Creek	Petersville Road	Central	State	Off System	--	1974	2,160	6	4	4	No Project
30	990	Russian River	Chiniak Highway	Southcoast	State	Non-NHS	--	1980	3,362	7	4	6	No Project
32	431	Crooked Creek	Irr:Steese Highway	Northern	State	Non-NHS	--	1957	1,303	7	4	4	Planning
36	381	Eyak River	Copper River Hwy	Northern	State	Non-NHS	--	1954	6,774	6	4	5	No Project
37	944	Mineral Creek	Mineral Creek Road	Northern	State	Off System	Load Posted	1970	1,227	5	4	4	Design (M&O)
40	446	Water St No 2 Trestle	Water Street	Southcoast	City	Off System	Load Posted	1979	25,489	4	4	4	Construction
41	415	Second Waterfall Creek	North Tongass Hwy	Southcoast	State	Non-NHS	Load Posted	1961	3,703	5	4	7	Design
45	2057	Little Chena River	Section Line Rd	Northern	Other State	Off System	Load Posted	1980	1,427	7	4	4	No Project
46	1268	Main Street Pelican	Main Street	Southcoast	City	Off System	Load Posted	1939	34,354	5	4	4	Design
47	1755	Cold Bay Dock	Marine Hwy Route	Southcoast	Borough	Non-NHS	--	1980	22,144	5	4	4	Construction
48	1756	Sand Point City Dock	Marine Hwy Route	Southcoast	City	Non-NHS	--	1983	12,016	4	4	4	Design
50	433	Barabara Creek	Irr:Jakolof Bay Rd	Central	State	Off System	--	1968	1,744	6	4	5	No Project
51	2264	Harriet Hunt Creek	Shelter Cove Road	Southcoast	State	Off System	--	1981	959	5	4	5	No Project
63	1374	Eklutna Overcrossing	Eklutna Village Rd	Central	State	Non-NHS	--	1978	9,082	4	4	5	No Project

ALL REGIONS PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017 ---- SUBSTRUCTURES (ABUTMENTS, PIERS, FOOTINGS, ETC)

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
1	463	Takotna River	Sterling L/Ophir	Central	State	Off System	Load Posted	1941	3,596	6	3	2	Design
2	666	South Fork Anchor River	Sterling Highway	Central	State	NHS	--	1959	2,626	6	6	4	Design
4	2128	Willow Creek	Grubstake-Hatchers	Central	State	Off System	Closed	1945	800	5	2	3	No Project / Bridge Closed
5	747	Ward Creek	North Tongass Hwy	Southcoast	State	Non-NHS	--	1975	6,969	7	6	3	Design
6	805	Skagway Ferry Terminal	Marine Hwy Route	Southcoast	City	NHS	--	1980	2,983	6	6	4	Design
8	797	Water St Viaduct	South Tongass Hwy	Southcoast	State	NHS	--	1955	86,316	7	6	4	Design
9	910	Anchor River	Old Sterling Hwy	Central	State	Off System	Load Posted	1949	3,684	6	3	4	Planning / Design
18	1704	Gravina Island Term li	Gravina Island	Southcoast	Borough	Non-NHS	Closed	1982	1,259	4	3	3	No Project / Bridge Closed
24	401	Moose Creek	Petersville Road	Central	State	Off System	--	1974	2,160	6	4	4	No Project
26	339	Copper Delta	Copper River Hwy	Northern	State	Non-NHS	Closed	1977	11,575	6	6		No Project / Bridge Closed
27	4008	Crab Creek Culvert	Craig/Klawock/Holl	Southcoast	State	Non-NHS	--	1985	884	N	N	4	No Project
28	2080	Little Goldstream Creek	Little Goldstream	Northern	City	Off System	Load Posted	1984	946	6	6	3	Construction
31	312	Jenny M Creek	Chena Hot Spr Rd	Northern	State	Non-NHS	--	1965	2,108	6	5	4	Design
32	431	Crooked Creek	Irr:Steese Highway	Northern	State	Non-NHS	--	1957	1,303	7	4	4	Planning
37	944	Mineral Creek	Mineral Creek Road	Northern	State	Off System	Load Posted	1970	1,227	5	4	4	Design (M&O)
38	444	Salmon River	Gustavus Airport R	Southcoast	State	Non-NHS	--	1976	4,047	7	6	4	No Project
39	1112	Ankau Slough	Irr:Ocean Cape Rd	Southcoast	City	Off System	--	1961	6,497	6	7	4	No Project
40	446	Water St No 2 Trestle	Water Street	Southcoast	City	Off System	Load Posted	1979	25,489	4	4	4	Construction
42	461	Otter Creek	Happy Creek Road	Central	State	Off System	Load Posted	1947	697	6	5	3	No Project
43	940	Fish Camp Creek	Irr:Northway Road	Northern	State	Non-NHS	Temp. Repair	1987	1,267	6	6	4	No Project
44	295	Noyes Slough (Minnie St)	Minnie Street	Northern	State	Non-NHS	--	1953	4,257	6	5	4	Planning
45	2057	Little Chena River	Section Line Rd	Northern	Other State	Off System	Load Posted	1980	1,427	7	4	4	No Project
46	1268	Main Street Pelican	Main Street	Southcoast	City	Off System	Load Posted	1939	34,354	5	4	4	Design
47	1755	Cold Bay Dock	Marine Hwy Route	Southcoast	Borough	Non-NHS	--	1980	22,144	5	4	4	Construction
48	1756	Sand Point City Dock	Marine Hwy Route	Southcoast	City	Non-NHS	--	1983	12,016	4	4	4	Design
52	1841	Sayles/Gorge Viaduct	Sayles/Gorge St	Southcoast	City	Off System	Load Posted	1960	2,416	4	5	3	Design
53	206	Million Dollar Bridge	Copper River Hwy	Northern	State	Off System	Closed	1910	31,353	7	5	4	No Project / Bridge Closed
54	1193	Chokosna River	Edgerton/Mccarthy	Northern	State	Non-NHS	Load Posted	1973	2,062	4	5	4	Design
55	278	Willow Creek	Willow/Fishhook Rd	Central	State	Off System	--	1975	2,732	7	7	4	No Project
57	466	California Creek	Sterling L/Ophir	Central	State	Off System	Load Posted	1937	590	6	6	4	No Project
58	485	Spruce Creek	Sterling L/Ophir	Central	State	Off System	Load Posted	1964	388	7	5	4	No Project
61	684	Rock Creek	Denali Highway	Northern	State	Non-NHS	Other Posting	1955	1,208	6	5	4	Design
65	841	American Creek No 1	Taylor Highway	Northern	State	Non-NHS	--	1988	3,317	7	7	4	No Project
66	389	Water St No 1 Trestle	Water Street	Southcoast	City	Off System	Load Posted	1920	2,959	5	5	4	Design
67	300	Sinuk River	Irr:Nome-Teller Rd	Northern	State	Non-NHS	--	1967	10,647	7	6	4	No Project
68	1663	Goldstream Creek	Standard Creek Rd	Northern	Other State	Off System	--	1994	1,028	7	7	4	No Project
69	2263	Peterson Street	Peterson Street	Southcoast	City	Off System	Load Posted	1955	919	6	5	4	No Project
70	1473	Thomas Trestle	Thomas Street	Southcoast	City	Off System	Load Posted	1960	7,808	5	5	4	No Project
72	660	Trail Creek	91 Mile Loop	Northern	State	Off System	Load Posted	1951	697	7	5	4	No Project
75	1556	Unnamed Creek, Koliganek	Irr:Airport Road	Central	City	Off System	Load Posted	1980	604	6	7	4	No Project

ALL REGIONS PRIORITIZATION ---- BASED ON 2017 INSPECTIONS AS OF 12/08/2017 ---- SUBSTRUCTURES (ABUTMENTS, PIERS, FOOTINGS, ETC)

Rank	Bridge No.	Bridge Name	Route	Region	Owner	Classification	Posting	Year Built	Deck Area	Condition Ratings			Project Status
										Deck	Super.	Substr.	
76	1835	Unnamed Creek	Irr:Kolgnk Dump Rd	Central	City	Off System	Load Posted	1980	619	6	6	4	No Project
77	1985	Moose Creek	Oil Well Road	Central	Borough	Off System	--	1998	2,110	8	5	4	No Project
79	1764	Indian Creek	Irr:Anderson Rd	Southcoast	City	Off System	Load Posted	1985	1,513	7	7	4	No Project



Alaska Department of Transportation & Public Facilities Senate Transportation Committee

Ryan Anderson, P.E., Northern Region Director

February 13, 2018

Keep Alaska Moving through service and infrastructure



Northern Region

Design & Construction

Employee Spotlight



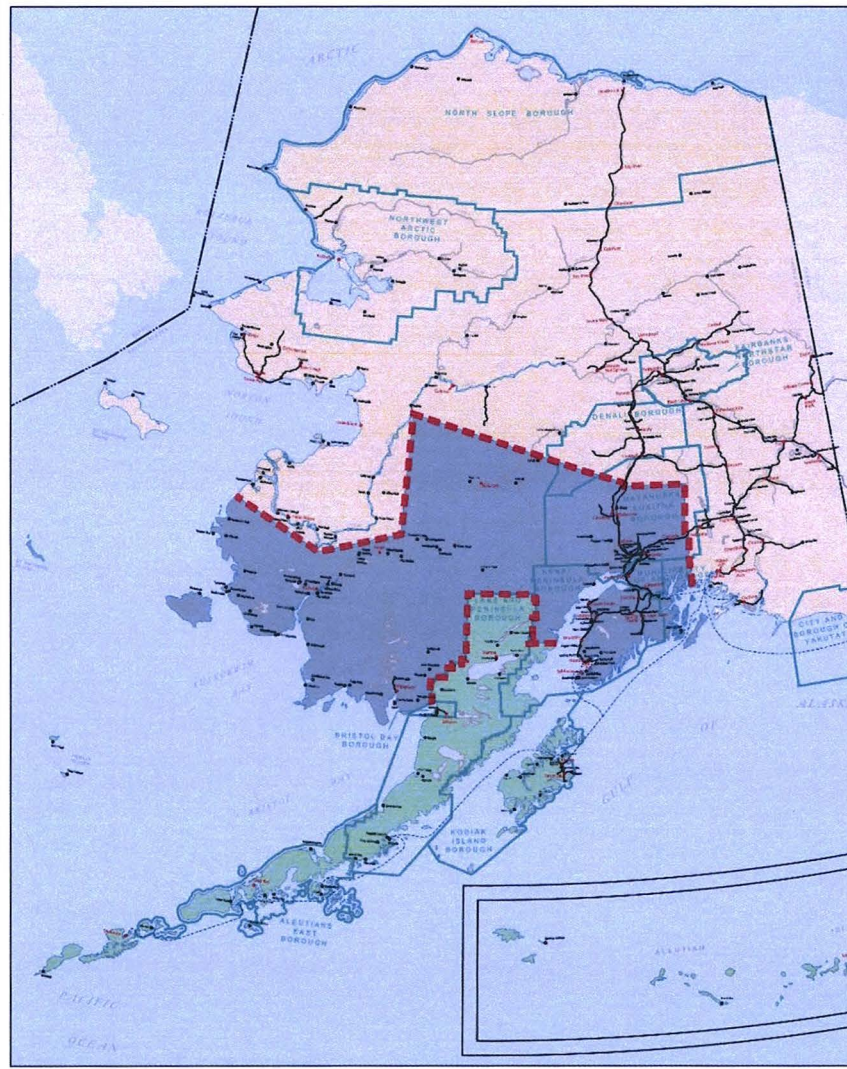
Brandy Milles

Northern Region Employee of the Year

- Construction Engineering Technician
- Three years of service with DOT&PF
- Completed UAV Pilot's Licensing program to become certified drone pilot
- Innovation: measuring material stockpiles with drones to increase efficiency and save money

Northern Region

Design & Construction



Region	Road Lane Miles	Maintenance Stations	Airports
Northern	8,920	37	101
Central	4,632	20	70
Southcoast	1,528	19	69

Northern Region Local Government Summary

- 124 Communities
- 6 boroughs
- Over 50 city governments
- Over 100 tribes
- 1 metropolitan planning organization (FMATS)



Northern Region

Design & Construction

Regional Focus Areas

- **Results Based Alignment**
- **2018 Construction Season**
- **2017 Accomplishments**
- **Leveraging Technology**
- **Innovative Contracting**
- **Project Teams Pilot Program**





Northern Region

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Results Based Alignment (RBA)

“A service delivery framework from which we measure the efficiency and effectiveness of the services delivered in support of our mission”

Regional Measures for Project Delivery:

- Programmed Dollars planned versus delivered
- Average Project Development Time
- Design/Construction Costs at Award
- CIP Dollars: Contracting vs. In-House

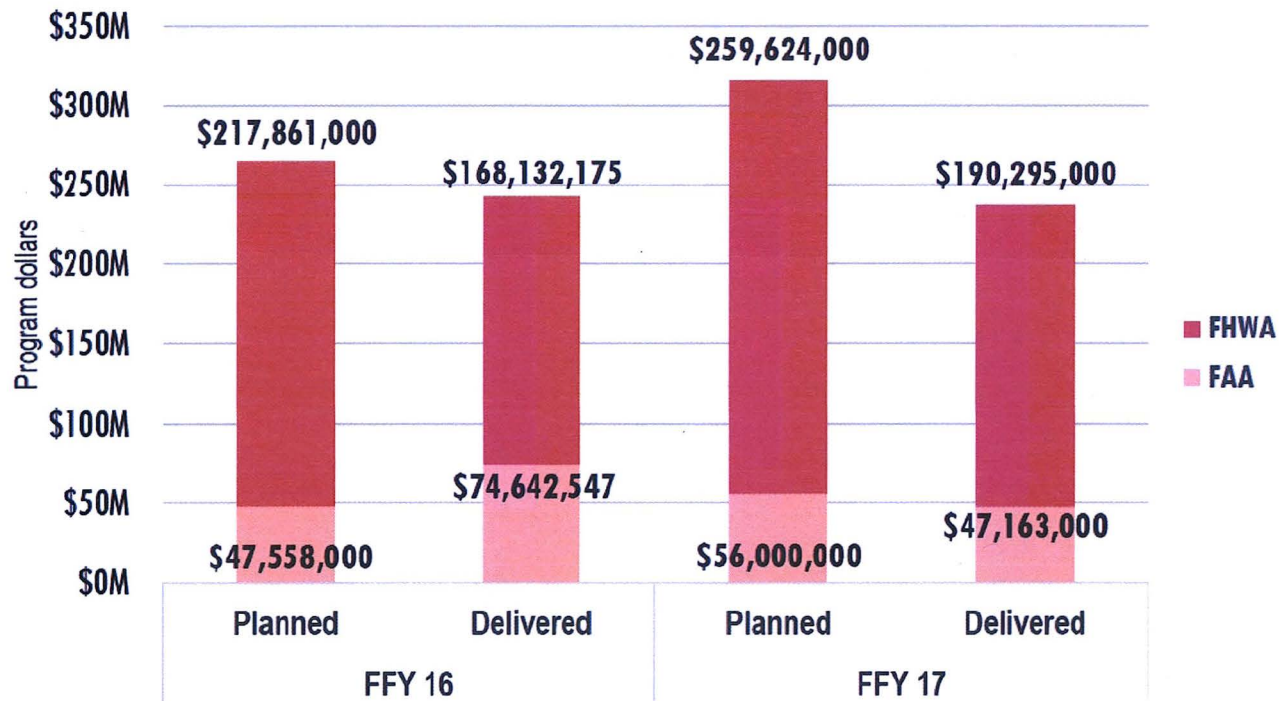


Northern Region

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Results Based Alignment (RBA)

Program dollars planned versus delivered



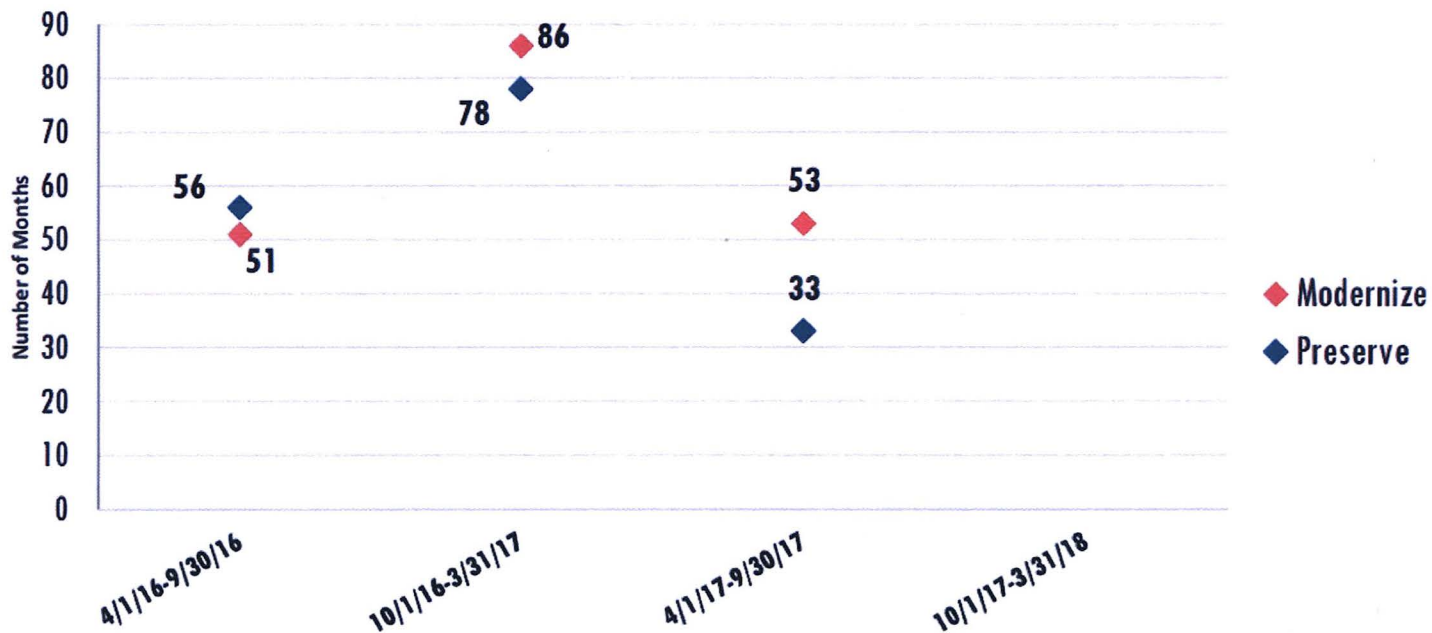
Data Source: Project control obligation data sets

Northern Region

Design & Construction

Results Based Alignment (RBA)

Average project development time from project initiation to bid



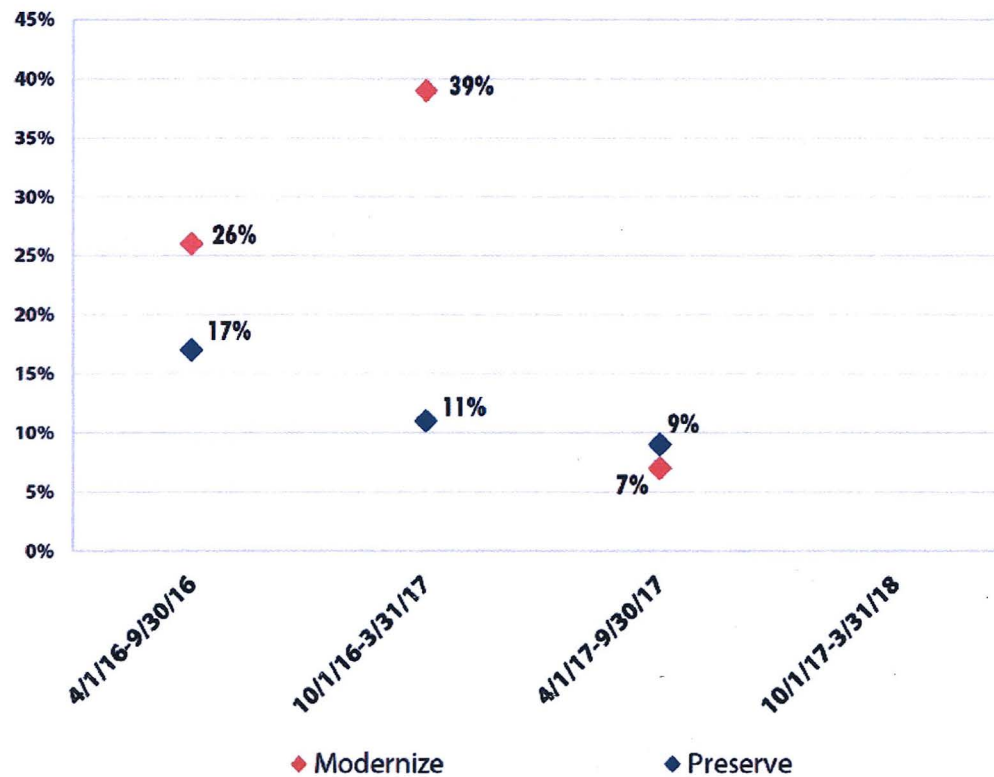
Data Source: *Project Control/Contracts ATP and bid award records*

Northern Region

Design & Construction

Results Based Alignment (RBA)

Design/construction costs at award reported upon project bid opening



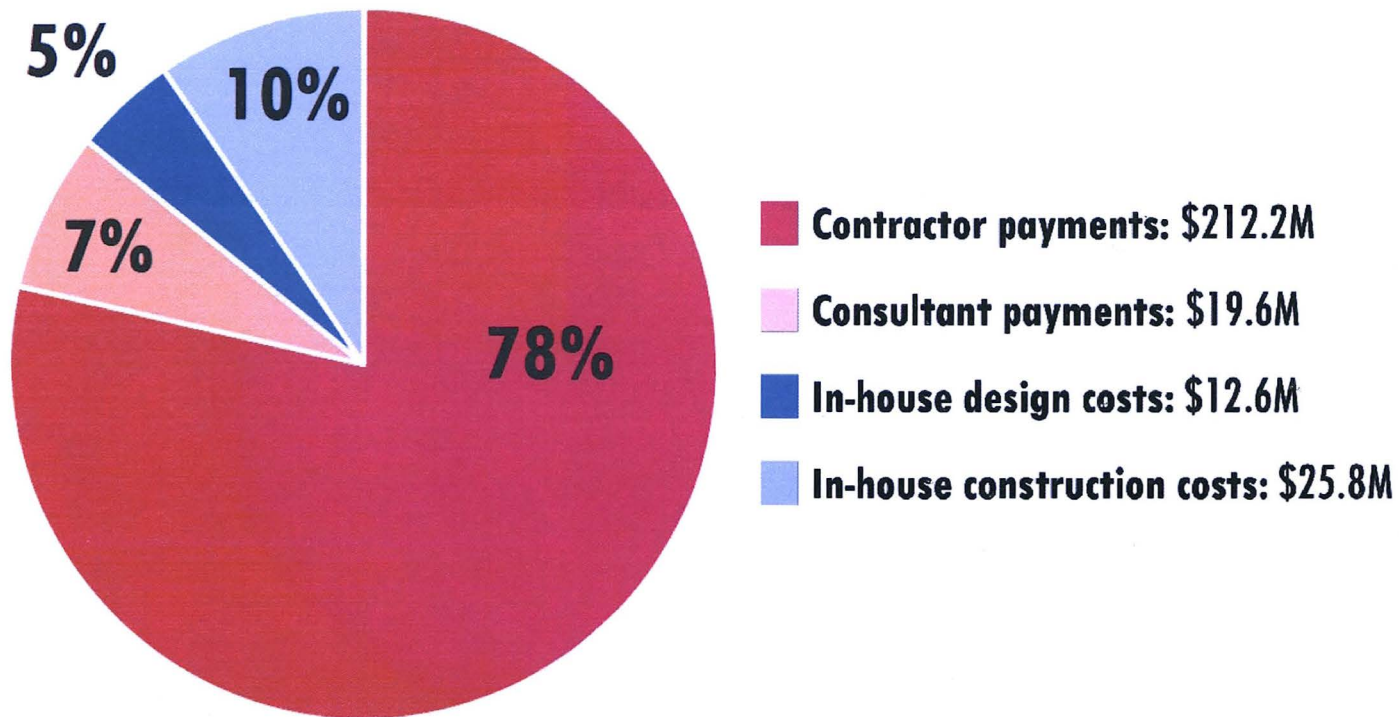
Data Source: *IRIS/Alder Reports, construction contract records*

Northern Region

Design & Construction

Results Based Alignment (RBA)

CIP dollars to contracting versus in-house



Reporting Period: July 1, 2016 - June 30, 2017

Northern Region

Design & Construction

Coming soon...

- **25** rural Northern Region projects
- **8** projects continuing into 2nd year of construction
- **6** new projects already bid
- **9** new projects funded and will be ready to bid in time for 2018 season
- **2** new projects will be ready to bid, but are not currently funded

2018 CONSTRUCTION SEASON

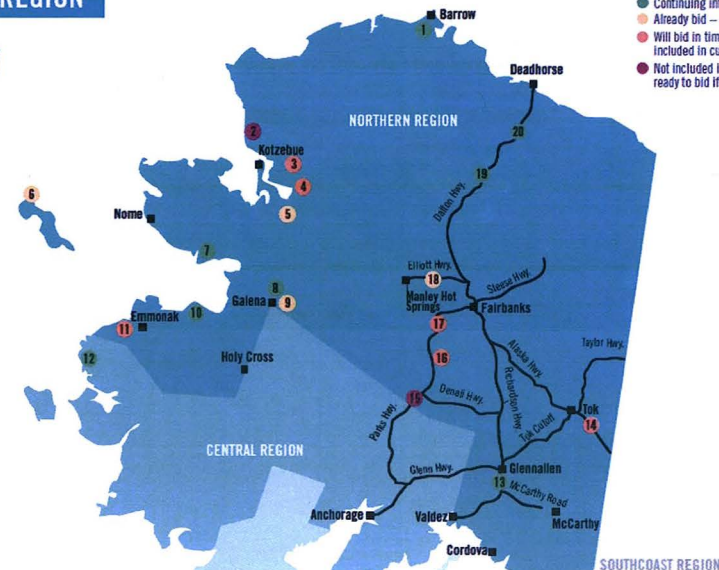
NORTHERN REGION

STATE-WIDE PROJECTS

21 22 23 24

STATUS COLOR CODES

- Continuing into 2nd year of construction
- Already bid – in construction 2018
- Will bid in time for 2018 construction, included in current funding program
- Not included in current funding – will be ready to bid if funds are available



- 1 BARROW M&O FACILITY – STAGE 1
- 2 KIVALINA AIRPORT EROSION CONTROL
- 3 KIANA AIRPORT IMPROVEMENTS
- 4 SELAVIK FOOTBRIDGE REPLACEMENT
- 5 BUCKLAND AIRPORT SREB UPGRADE
- 6 GAMBELL AIRPORT PAVEMENT REHAB & LIGHTING REPLACEMENT
- 7 GOLOVIN AIRPORT IMPROVEMENTS
- 8 GALENA AIRPORT IMPROVEMENTS

- 9 GALENA CAMPION ROAD BEAVER CREEK CULVERT
- 10 ST. MICHAEL AIRPORT REHABILITATION
- 11 HUNSON IQUA AIRPORT BOARDWALK
- 12 SCAMMON BAY AIRPORT
- 13 RICHARDSON HIGHWAY MP 80-82 RESURFACING & DRAINAGE
- 14 ALASKA HIGHWAY MP 1309 TOK RIVER BRIDGE REPLACEMENT
- 15 PARKS HIGHWAY MP 163-169.5 AND 169.5-174 REHABILITATION
- 16 REX TRAIL SEVEN MILE LAKE REROUTE

- 17 NEMANA LITTLE GOLDSTREAM CREEK BRIDGE REPLACEMENT
- 18 ELLIOTT HIGHWAY MP 107-120 RESURFACING
- 19 DALTON 206-222 RECONSTRUCTION
- 20 DALTON 362-370 RECONSTRUCTION
- 21 NR AIRPORT SECURITY GATE CONTROLS
- 22 NR AUTOMATED VEHICLE CLASSIFIER UPGRADE & CONSTRUCTION
- 23 NR RADAR SITES FOR NON-INTRUSIVE DETECTION
- 24 NR SREB UPGRADES

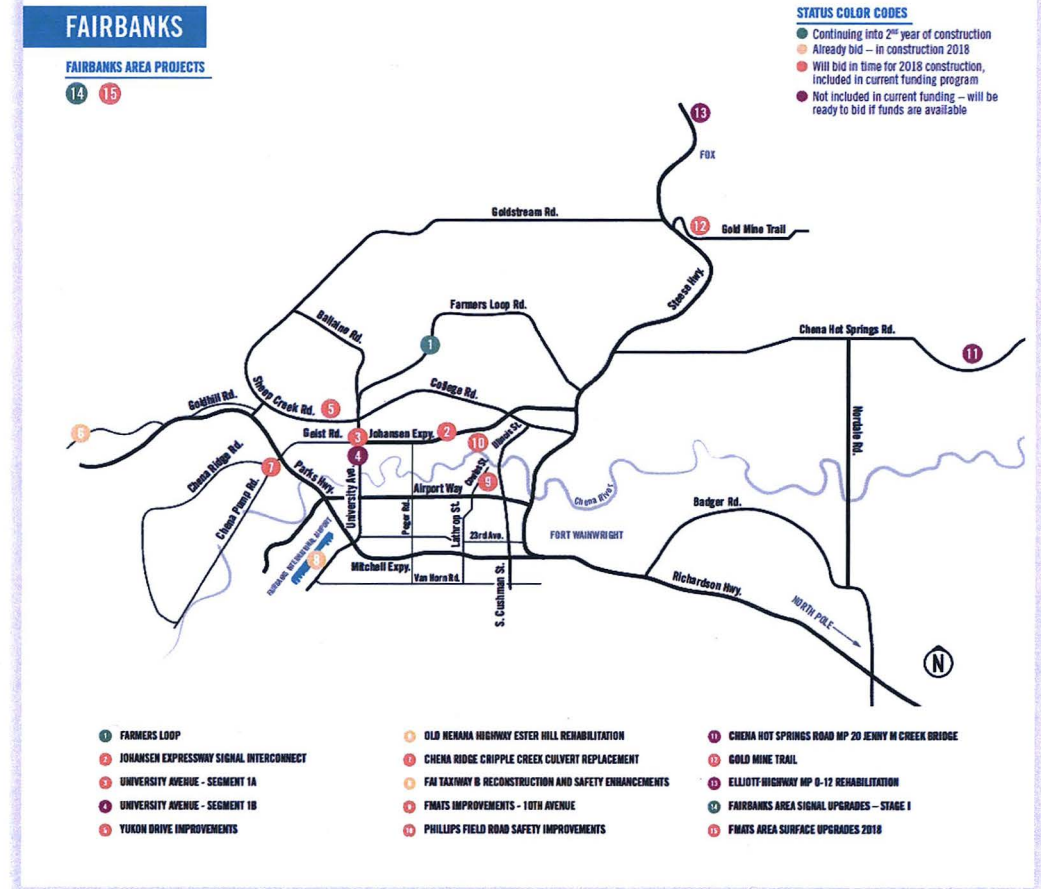
Northern Region

Design & Construction

Coming soon...

- **14** Fairbanks-area projects
- **2** projects continuing into 2nd year of construction
- **2** new projects already bid
- **8** new projects funded and will be ready to bid in time for 2018 season
- **2** new projects will be ready to bid, but are not currently funded

2018 CONSTRUCTION SEASON

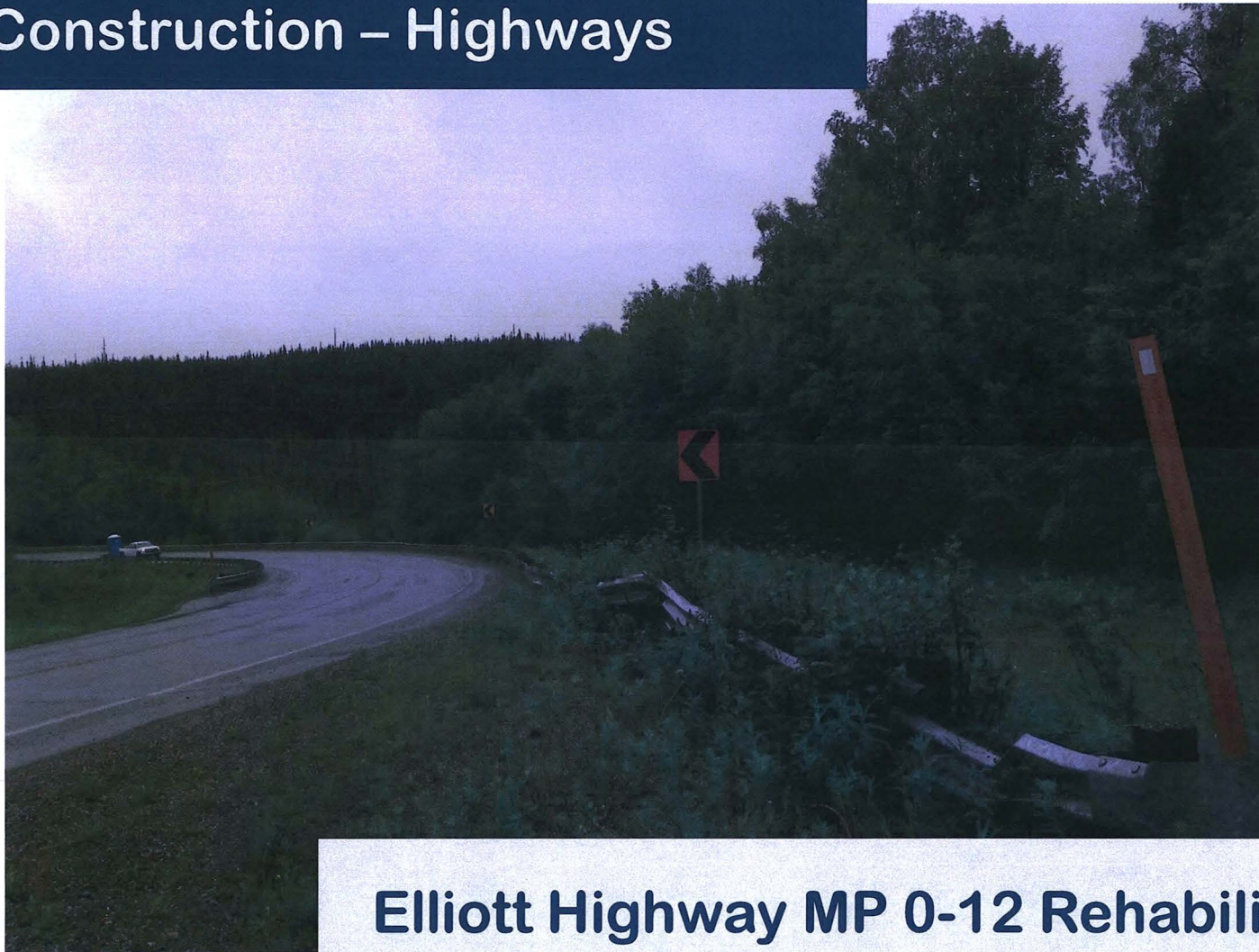




Northern Region

Design & Construction

2018 Construction – Highways



Elliott Highway MP 0-12 Rehabilitation



Northern Region

Design & Construction

2018 Construction – Bridges



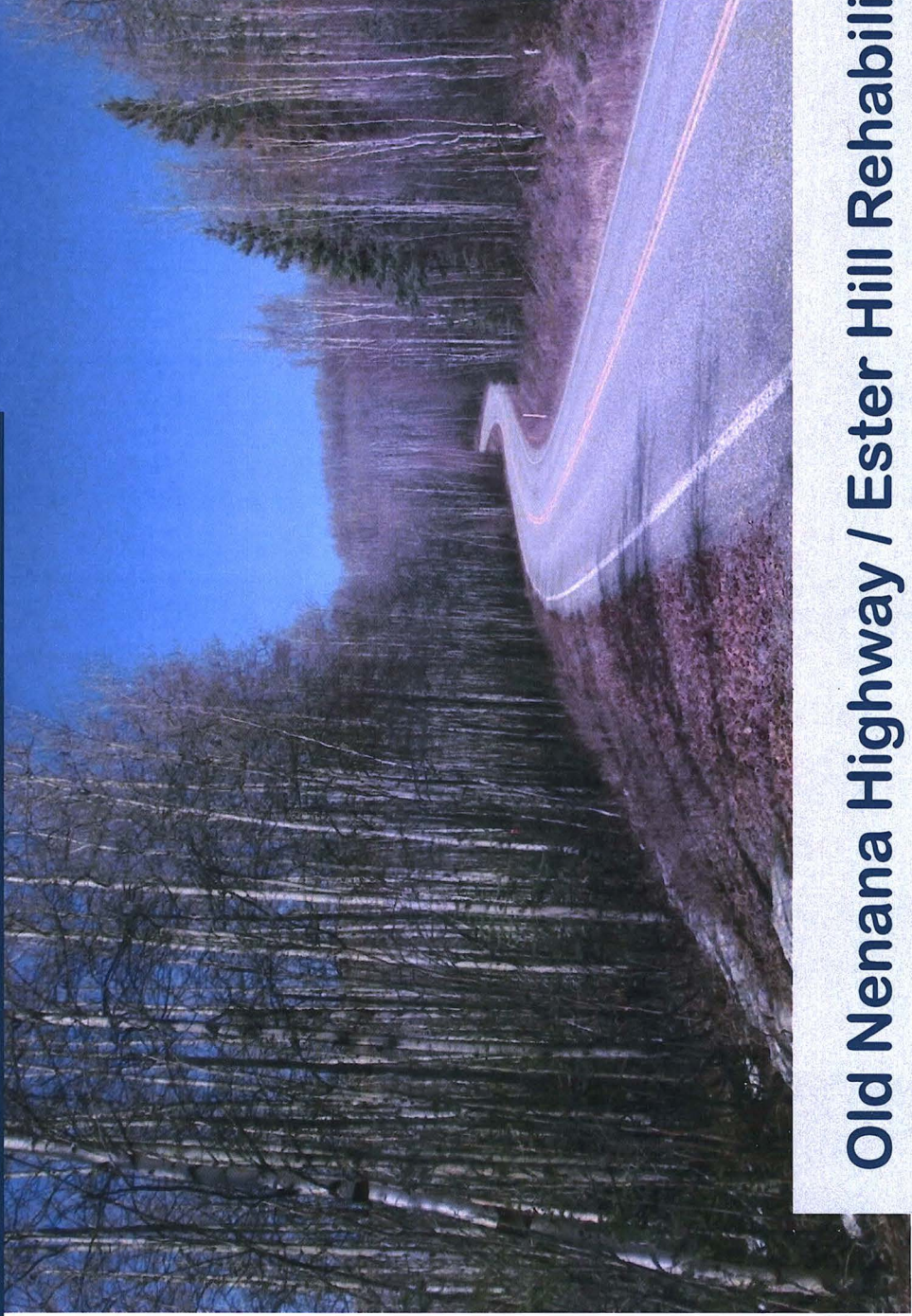
Alaska Highway MP 1309 - Tok River Bridge Replacement



Northern Region

Design & Construction

2018 Construction – Fairbanks Area

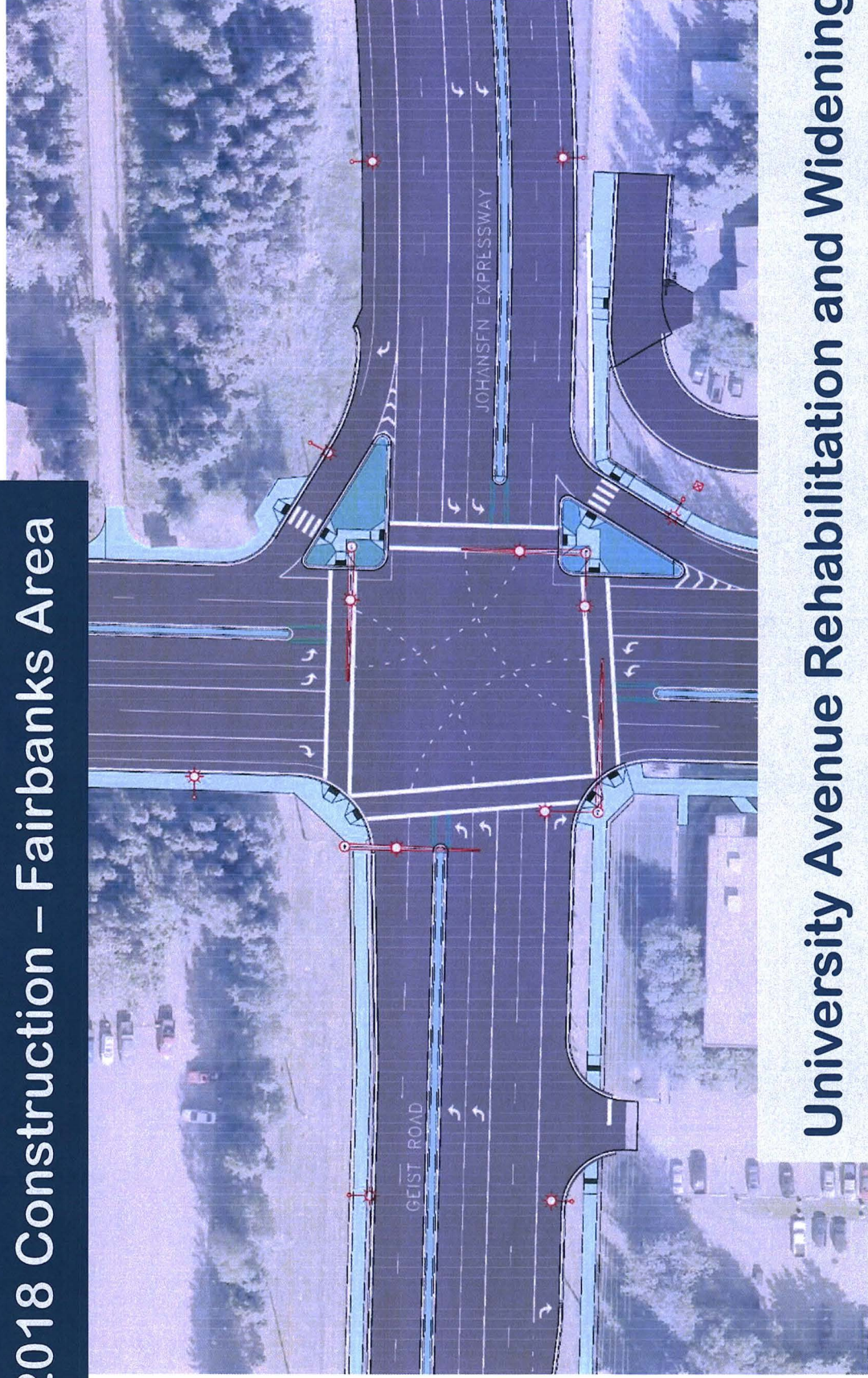


Old Nenana Highway / Ester Hill Rehabilitation

Northern Region

Design & Construction

2018 Construction – Fairbanks Area



University Avenue Rehabilitation and Widening

Northern Region

Design & Construction

2018 Construction – Fairbanks Area



- SEGMENT 1A (2018)
- SEGMENT 1 (2019–2021)
- SEGMENT 1B (2018)
- SEGMENT 2 (2019–2021)



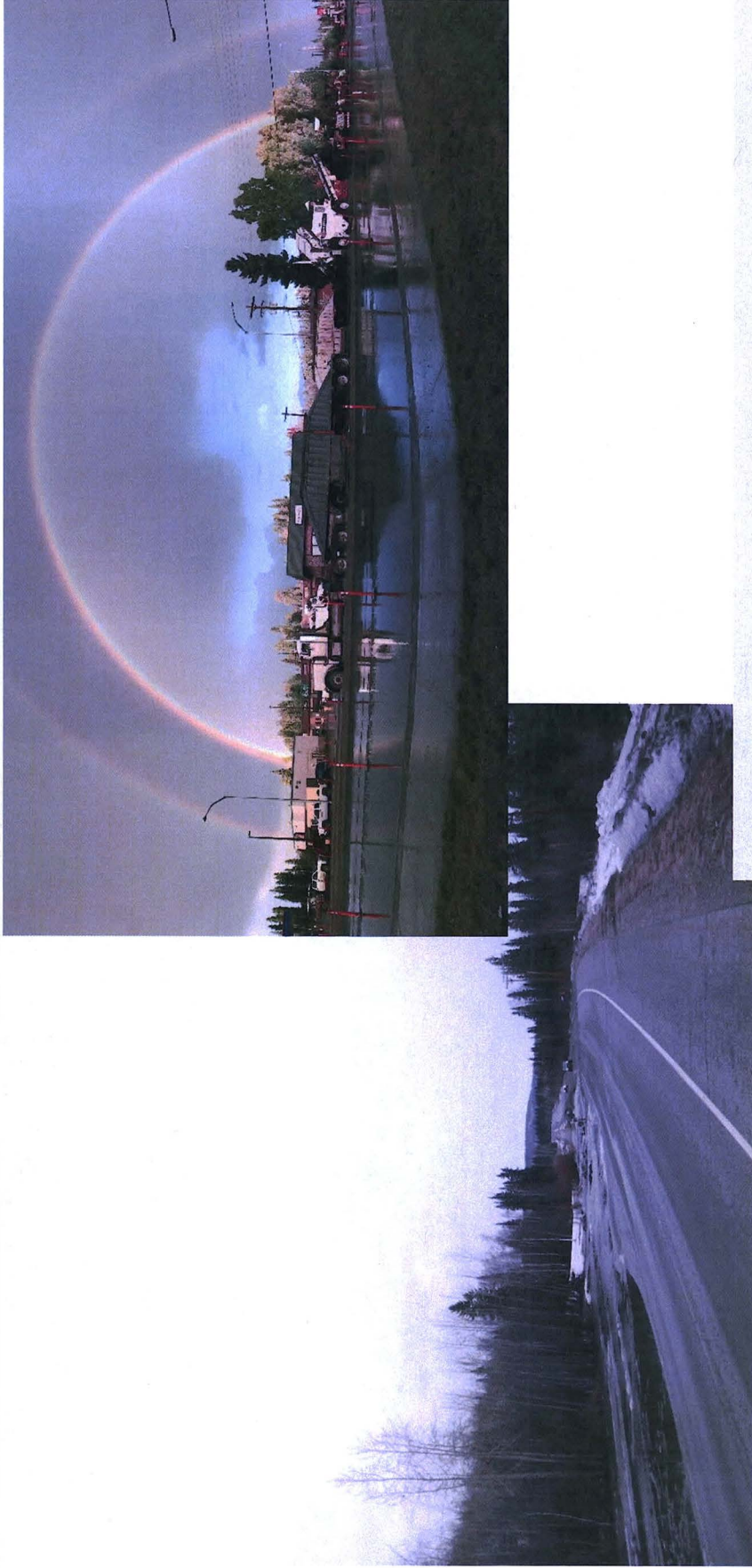
University Avenue Rehabilitation and Widening



Northern Region

Design & Construction

2018 Construction – Fairbanks Area



Farmers Loop Resurfacing

Keep Alaska Moving through service and infrastructure

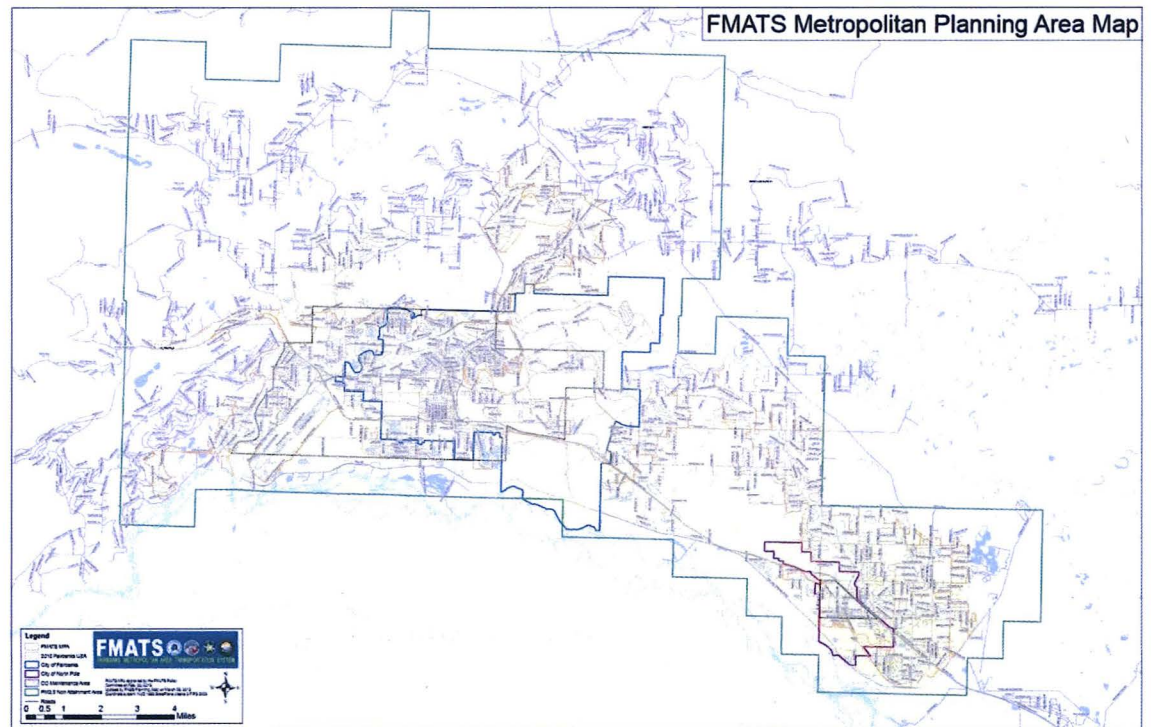
Northern Region

Design & Construction

Fairbanks Metropolitan Area Transportation System

FMATS Participating Organizations

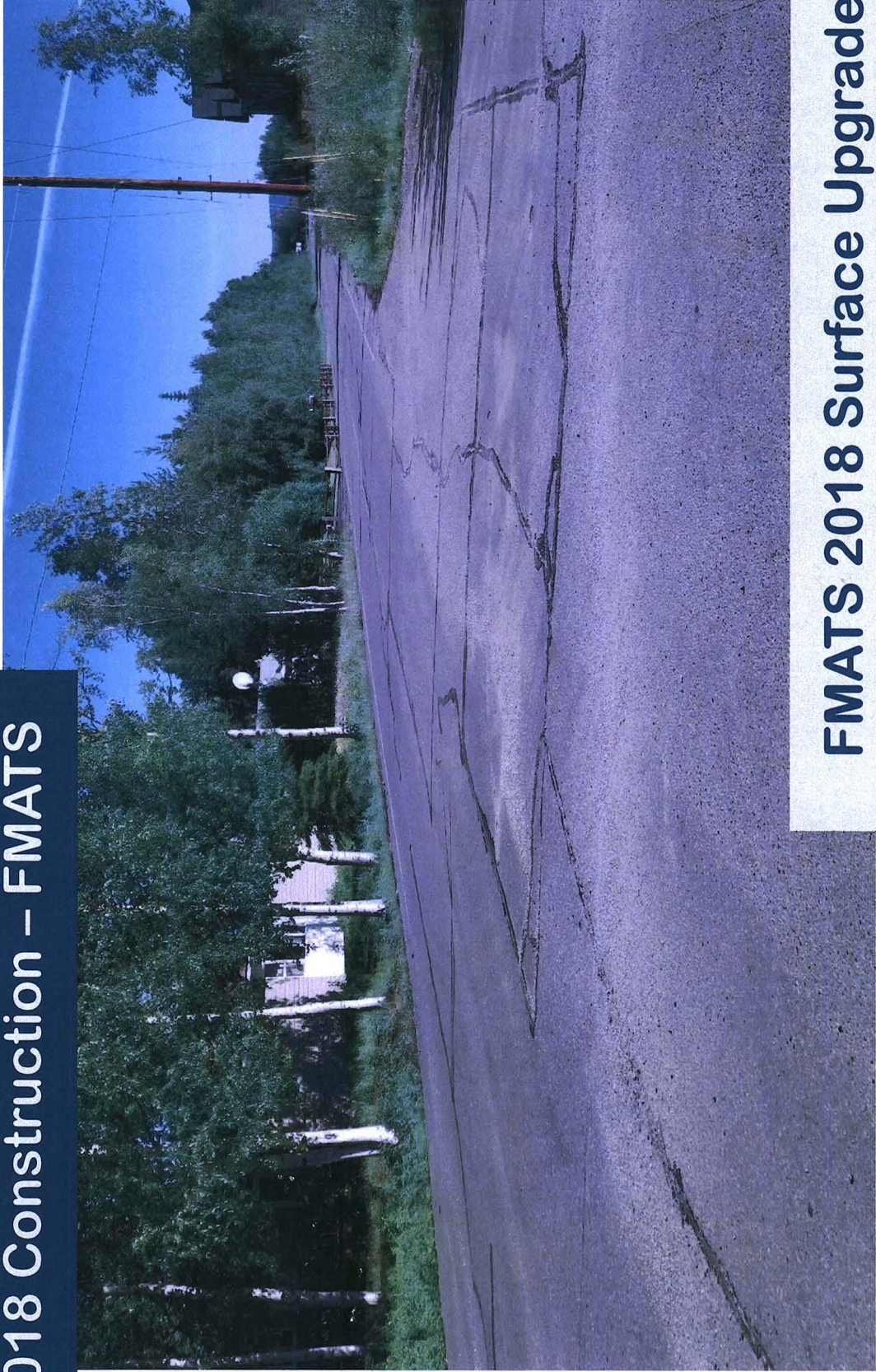
- State of Alaska
 - DOT&PF
 - DEC
- Fairbanks North Star Borough
- City of Fairbanks
- City of North Pole
- Fort Wainwright
- University of Alaska Fairbanks
- Fairbanks International Airport
- Freight Industry
- Alaska Railroad Corporation



Northern Region

Design & Construction

2018 Construction – FMATS



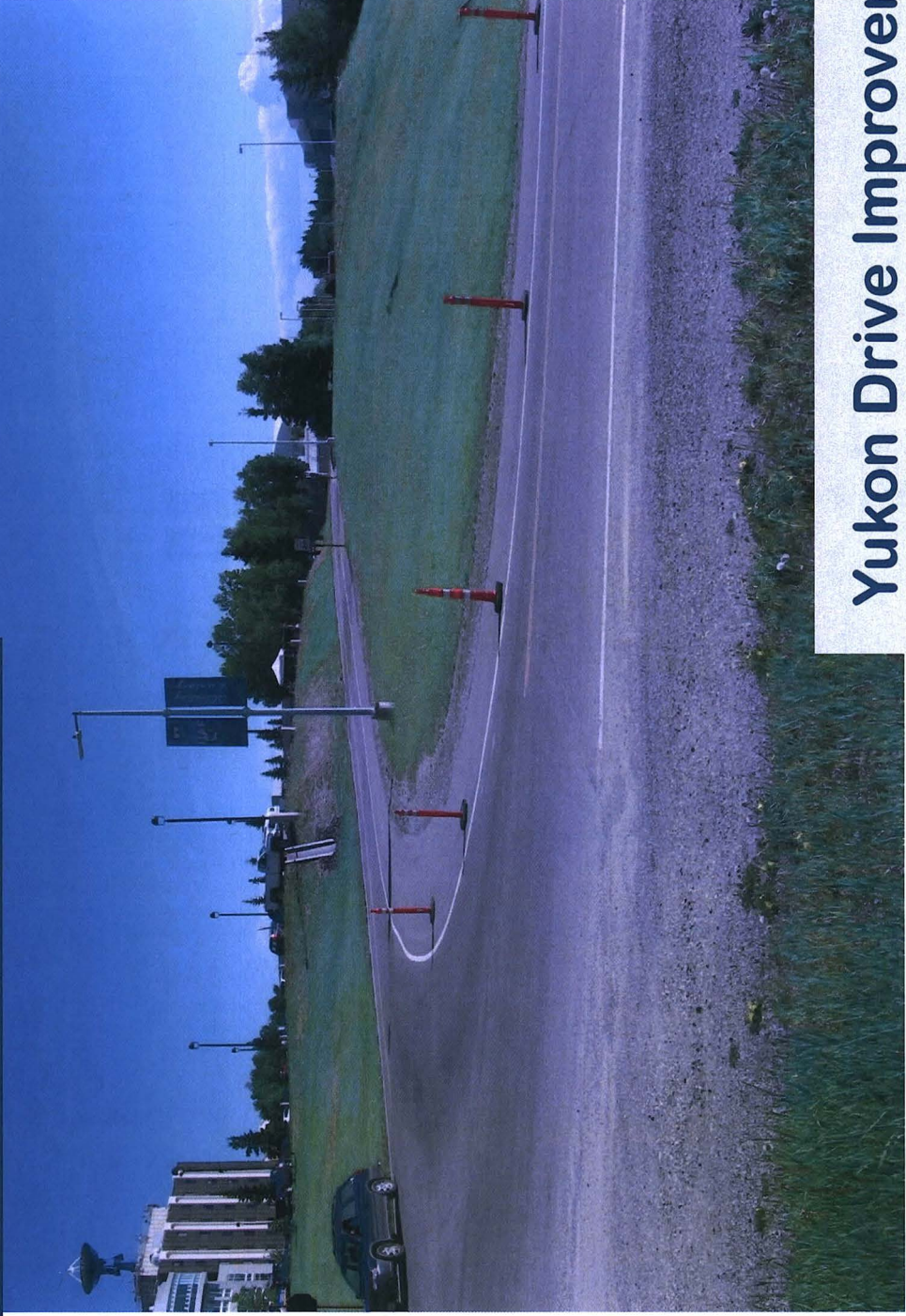
FMATS 2018 Surface Upgrades



Northern Region

Design & Construction

2018 Construction – FMATS

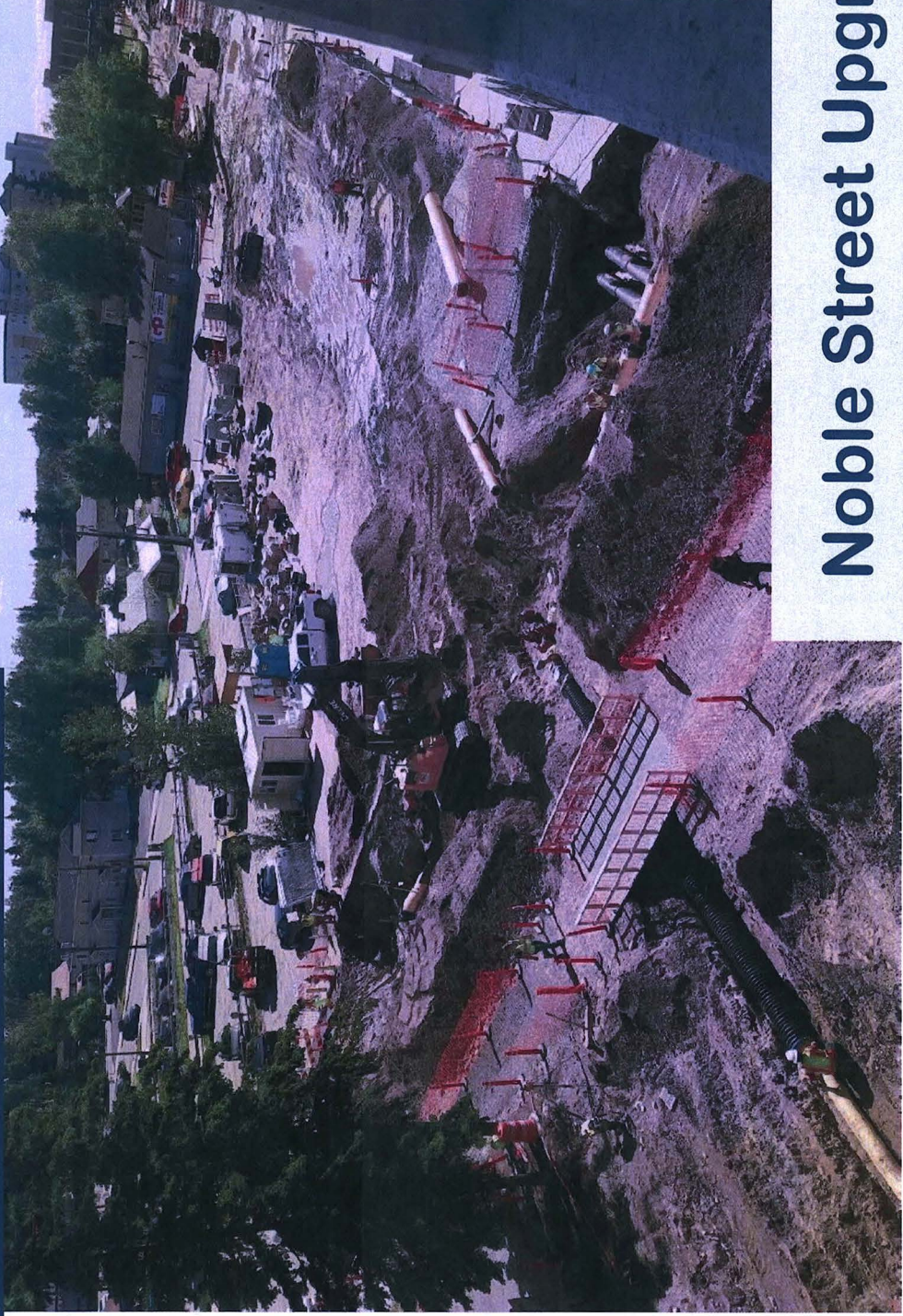


Yukon Drive Improvements

Northern Region

Design & Construction

Accomplishments - FMATS



Noble Street Upgrades

Where to find construction info

navigator STATE OF ALASKA DEPARTMENT of TRANSPORTATION & PUBLIC FACILITIES

Now viewing Statewide
 Select Another Region ▾

Welcome to the Alaska Navigator, your source for road construction information. Select a region to view construction projects and closures in your area.

MAP LEGEND

- Project
- Project with ROAD CLOSURES

Click a marker on the map for a project overview. Follow the link on the overview for detailed project information.

IN ALL CONSTRUCTION AREAS

- Traffic fines are double
- Watch for changing driving surfaces
- Watch for reduced speed limits
- Be alert to and follow directions of flaggers
- Drive with headlights on
- Allow additional time when traveling
- Watch for equipment and workers

Today's date is:
APRIL 13, 2017
 Last updated at: 11:53 April 13, 2017

TRAVELING SOON?

- [PARKS HIGHWAY, CHURCH ROAD to PITTMAN ROAD](#)
- [RASPBERRY ROAD, JEWEL LAKE ROAD to MINNESOTA DRIVE PAVEMENT PRESERVATION](#)
- [GLENN HIGHWAY and MULDOON ROAD INTERCHANGE IMPROVEMENTS](#)
- [KLATT ROAD and JOHNS ROAD ROUNDABOUT and IMPROVEMENTS](#)
- FUTURE ROAD CLOSURE:**
Beginning in May 2017, an extended 21-day ROAD CLOSURE at t
- [MOA: FLASHING YELLOW ARROWS PROJECT and SIGNAL UPGRADE, PHASE I](#)

NOBLE STREET UPGRADES: ROAD CONSTRUCTION through October.
 Noble Street will be completely CLOSED dur
[View Project Details](#)
 2:57 pm Apr 10, 2017

Get a print-ready list of projects | Need help using this map? | Alaska Department of Transportation | Title VI Nondiscrimination

AlaskaNavigator.org

Where to find construction info



511.Alaska.Gov or call 511

Where to find construction info



Alaska Department of Transportation & Public Facilities

added 3 new photos.

Published by Betsy Hess [?] · March 28 at 1:52pm · 🌐

Traffic has moved to a detour bridge at Mile 75.6 Tok Cutoff as part of the Slana River Bridge Replacement. Be alert to a 30 mph speed limit on the detour bridge.

The detour is expected to be in place through the end of August.

Photos: Demo work is under way on the old Slana River bridge.

Check [AlaskaNavigator.org](#) for project updates.



6,013 people reached

Boost Post

👍 Like 💬 Comment ➦ Share



Alaska DOT&PF @AlaskaDOTPF · Apr 5

Our crew members could be your family, friends or neighbors. Work zone safety is in your hands. #WorkZoneSafety #OrangeForSafety #NWZAW



👤 2 🔄 4 ❤️ 20 📊

Social media

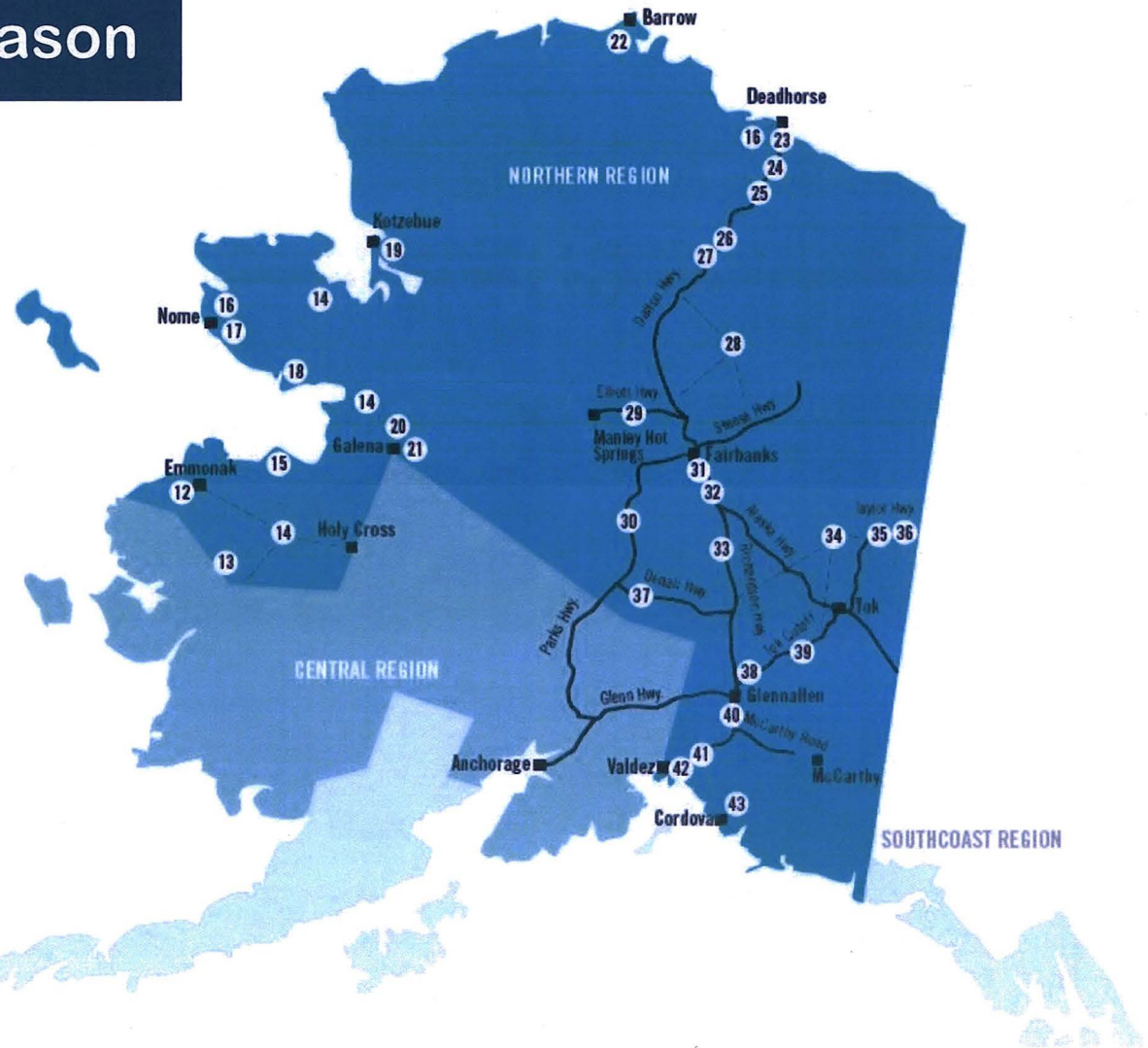
Northern Region

Design & Construction

2017 Construction Season

Northern Region 2017

- 40 active construction projects in 16 communities
- Over \$300M in active construction contracts
- Over \$100M in active design contracts

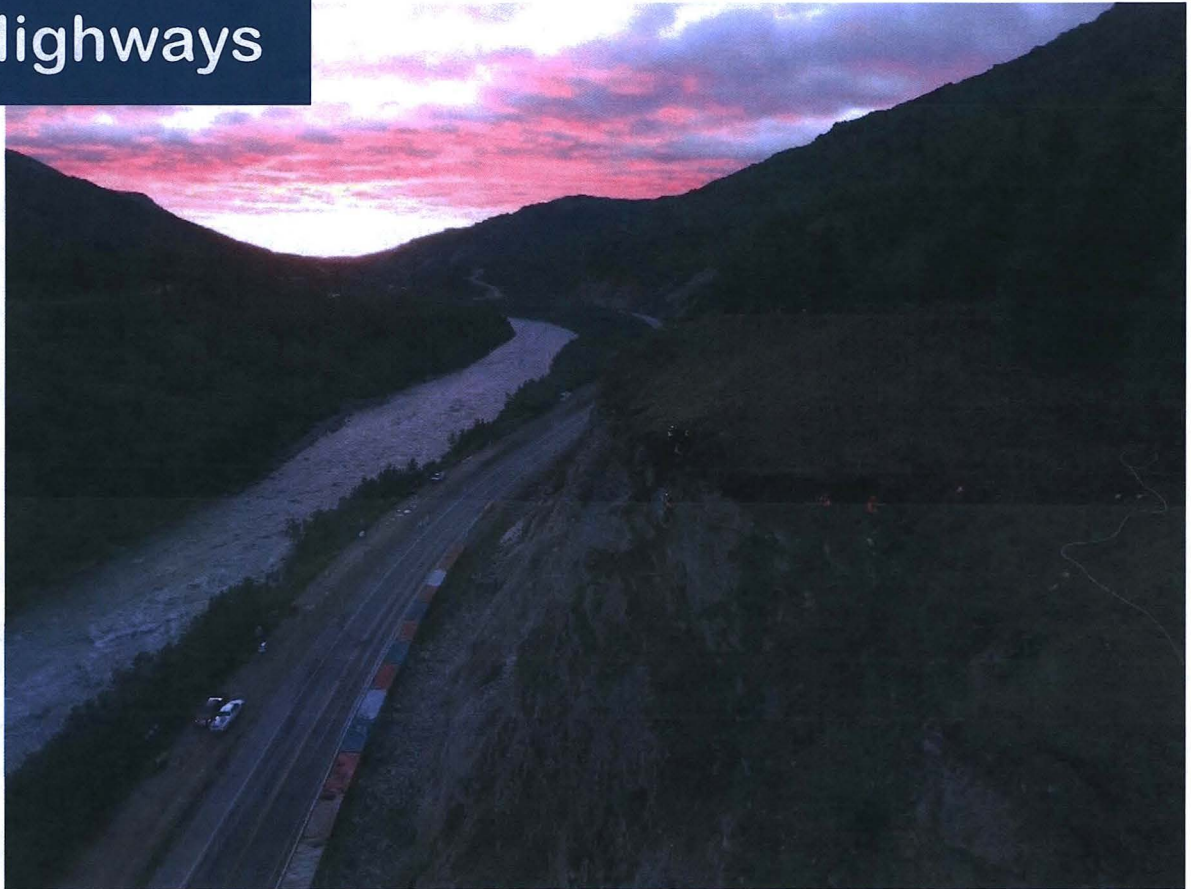




Northern Region

Design & Construction

Accomplishments - Highways



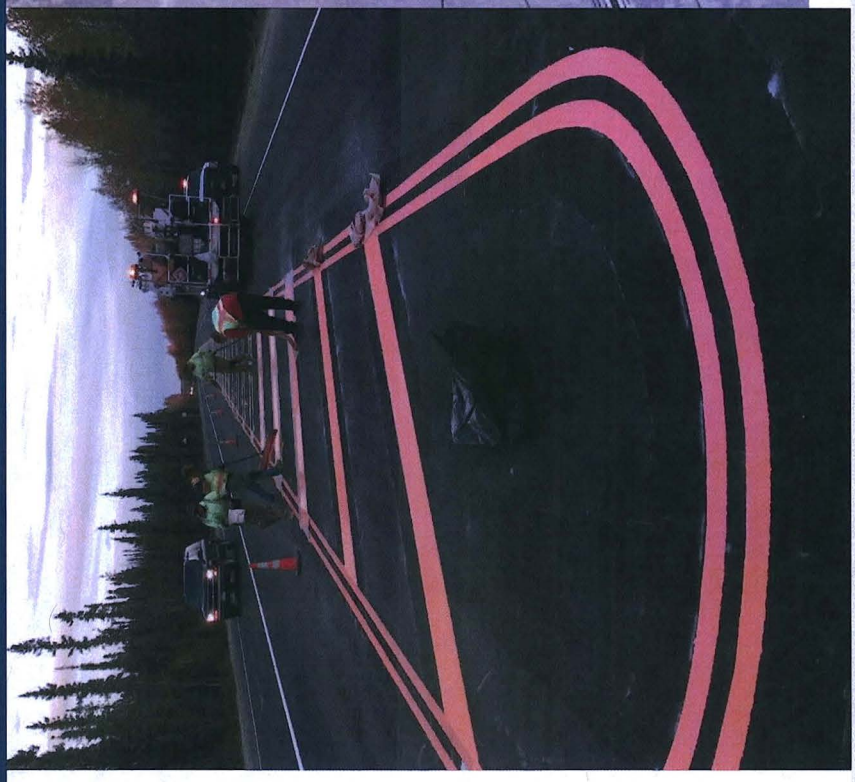
Parks Highway MP 239-252



Northern Region

Design & Construction

Accomplishments - Highways

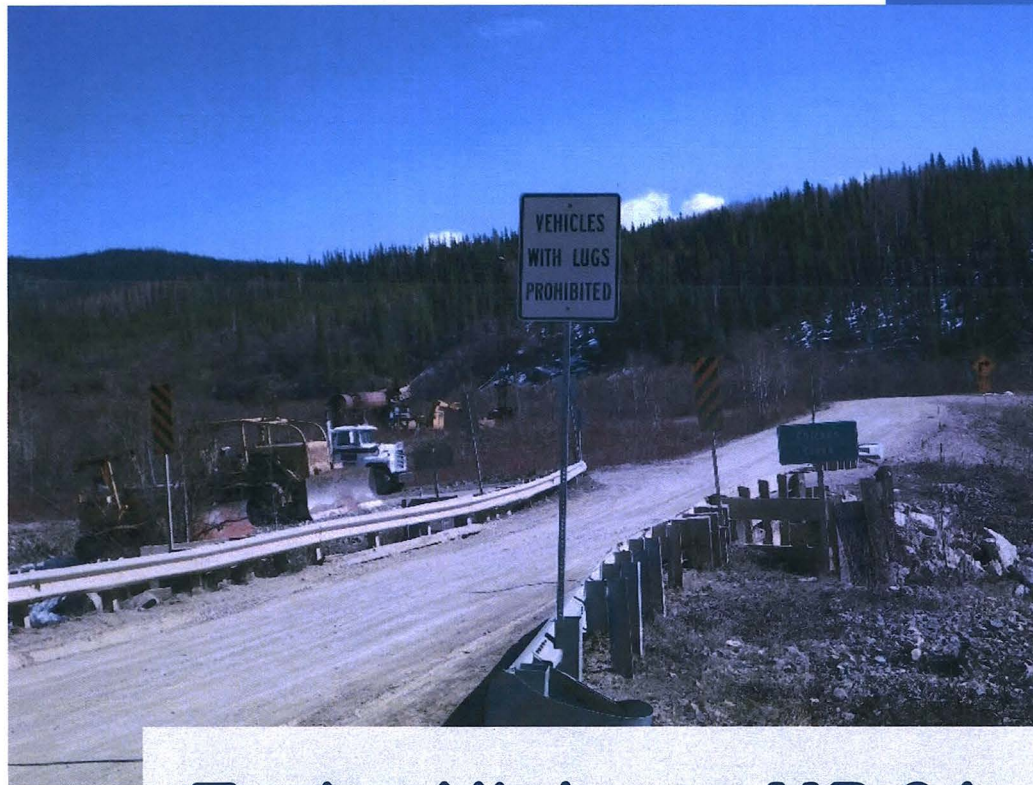


Richardson Hwy MP 337 - Eielson AFB Intersection

Northern Region

Design & Construction

Accomplishments - Bridges



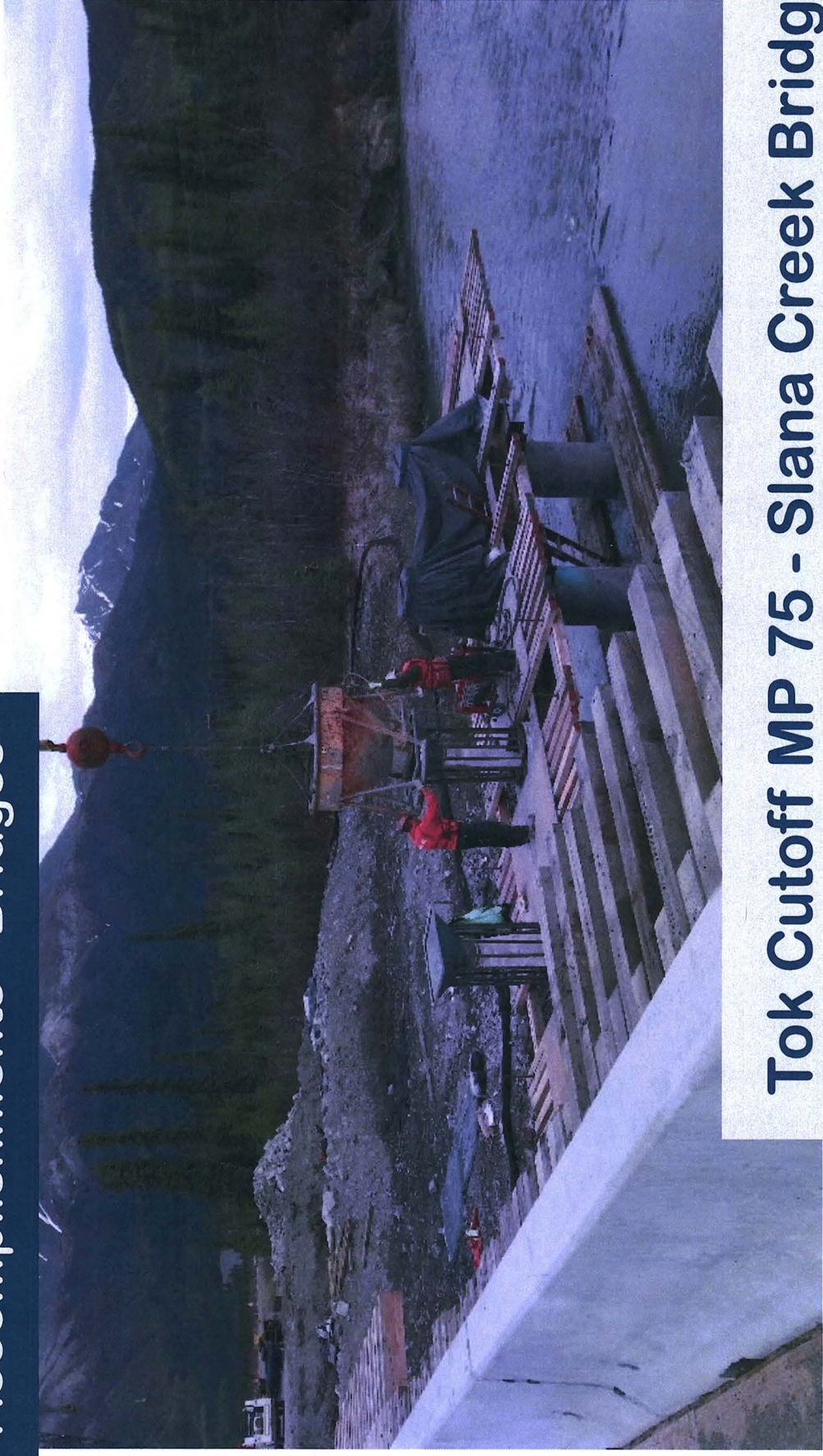
Taylor Highway MP 64 - Chicken Creek Bridge



Northern Region

Design & Construction

Accomplishments - Bridges



Tok Cutoff MP 75 - Slana Creek Bridge



Northern Region

Design & Construction

Accomplishments - Bridges



**Richardson Highway:
MP 235 Ruby Creek
MP 295 Banner Creek**



Northern Region

Design & Construction

Leveraging Technology



Development of Low Distortion Projections & remote sensing to support surveying and engineering

Drones

Northern Region

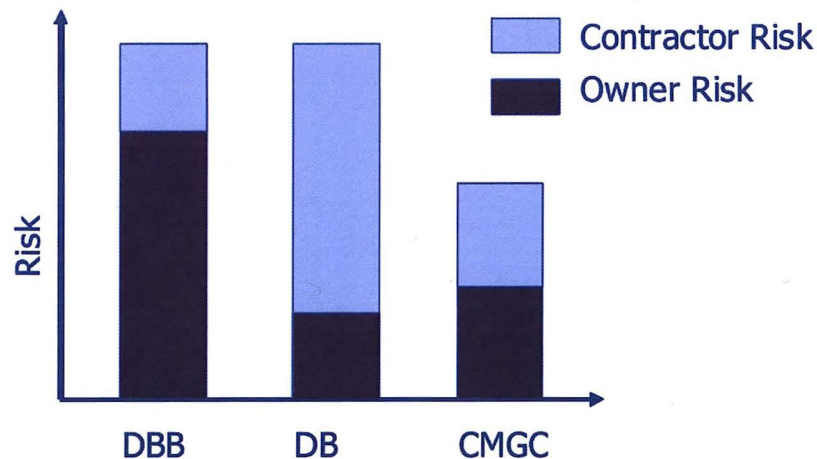
Design & Construction

Innovative Contracting

Construction Manager/General Contractor (CMGC)

Risk Management:

- **Project risks are shared** and can be minimized when worked through collaborative team effort.
- DOT&PF retains control over design and contract administration



Cost/Value:

- Risks identified in advance → overall project cost savings and cost certainty
- Maximizes **innovation** and **efficiencies**
- **Improved quality** with invested contractor as partner

Schedule/Funding:

- **Permitting assistance** on specific contractor methods
- **Collaboration** to expedite schedule
- **Cost certainty** allows for flexibility in creating work packages to align with funding

CMGC

Northern Region

Design & Construction

Pilot Program: Project Delivery Teams

Teaming in Construction for Time and Cost Savings



Desired Program Outcomes

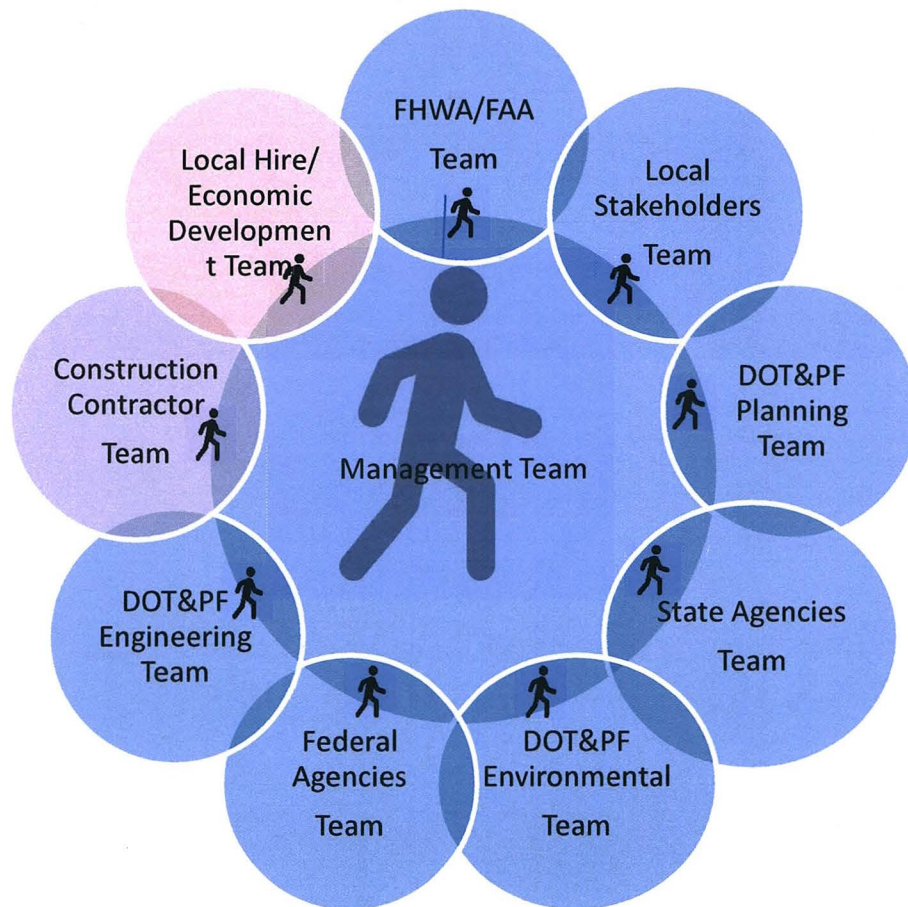
- Improved Delivery Timeframes
- Reduced Project Costs / Greater Cost Certainty
- More adaptive project delivery processes recognizing the constantly changing transportation needs of Alaska.



Northern Region

Design & Construction

Pilot Program: Project Delivery Teams



Teaming Successes

- Condensed environmental approval timelines
- Time savings with focused planning
- Cost savings with shorter time frames
- Actively involved communities
- Innovative contracting
- Leveraging technology



Northern Region

Design & Construction

Pilot Program: Project Delivery Teams

Focus on Planning

Active federal involvement in planning processes.

- Focusing on project planning will result in projects that are better-defined with greater cost certainty.

Team Support

Active participation in multidisciplinary teams.

- Advocating for federal agency participation at all phases of project development.

Flexibility to Perform Concurrent Processes

Reduce duplicative efforts.

- Allow for environmental document and permit application public reviews to run concurrently.

Innovative Contracting

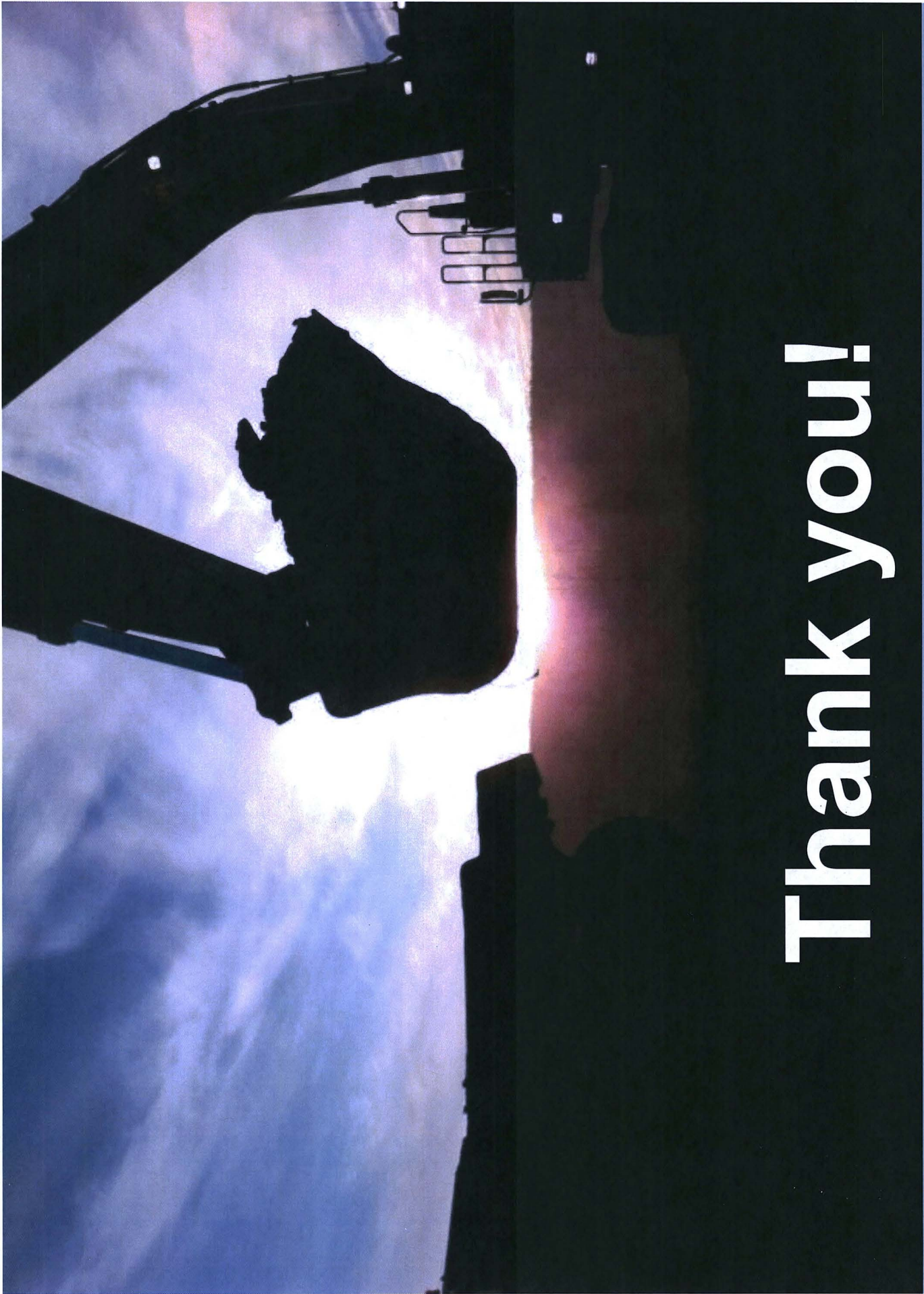
Alternative procurement.

- Ability to fully integrate alternative procurement processes at the team's discretion.

Community Economic Development

Community Involvement

- Provide flexibility to maximize local involvement in projects.



Thank you!

Keep Alaska Moving through service and infrastructure