







# LHTAC Council Meeting June 10, 2022 Staff Report

## Geotechnical Engineering Rankings

Rank Firm

- 1 Shannon & Willson
- 2 Strata
- 3 Terracon Consultants
- 4 Geoengineers
- 5 Atlas Technical Consultants
- 6 Jacobs Engineering
- 7 GeoProfessional Innovation Corporation
- 8 Budinger & Associates
- 9 Schnabel Engineering

Environmental had several categories which firms applied for some or all.

<b>Environmental Rankings</b>									
<b>Aquatic</b>		<b>Biological</b>		<b>Archaeological</b>		<b>Historical</b>		<b>NEPA</b>	
<b>Rank</b>	<b>Firm</b>	<b>Rank</b>	<b>Firm</b>	<b>Rank</b>	<b>Firm</b>	<b>Rank</b>	<b>Firm</b>	<b>Rank</b>	<b>Firm</b>
1	Jacobs	1	Jacobs	1	Jacobs	1	Jacobs	1	Jacobs
2	Forsgren	2	Forsgren	2	Forsgren	2	Forsgren	2	Forsgren
3 (tied)	AEC	3	AEC	3	AEC	3	AEC	3	AEC
3	T-O Eng	4	T-O Eng	4	Horrocks	4 (tied)	Horrocks	4	Horrocks
5	Horrocks	5	Horrocks	5	AECOM	4	Gorman	5	T-O Eng
6	AECOM	6 (tied)	AECOM	6	Power	6	T-O Eng	6	AECOM
7	ALTA	6	Power	7	Wright	7 (tied)	AECOM	7	Power
8	Power	8	ALTA			7	Wright	8	Great West
9	Great West	9	Great West			9	TAG	9	ALTA

Recommendation: For Council Information

# LHTAC Council Meeting

## August 16, 2022

### Staff Report

Agenda Item: Leading Idaho Local Bridge (LILB) Program Round One Project Approval

Presenter: Ken Kanownik & Scott Wood

Overview:

On April 8, 2022 the LHTAC Council approved the procedures for the Leading Idaho Local Bridge Program. This included the approach of awarding projects in five rounds with the intent to find efficiencies in order to meet the Governor's objective in addressing 1/3 of the backlog on poor and posted bridges.

LHTAC staff has analyzed all 221 bridges that Local Highway Jurisdictions (LHJ) applied for funding through the program. The following was the result of reviewing the applications:

- Five (5) bridges are construction ready,
- Eighteen (18) bridges are candidates for repairs,
- Forty-nine (49) bridges are recommended for further testing and analysis,
- Thirty-four (34) bridges that meet the criteria of simple design/construction.

This totals 106 total bridges that would receive funding and action from this first round.

The testing and analysis will give LHTAC staff additional information that will result in either posting removal, repair options or determination that replacement is the only option. The bridges that are recommended for repair could be upgraded out of poor condition or have load restrictions removed, however LHTAC staff will only move forward with a repair if it costs less than \$100,000 and the repair will have a life cycle of approximately 20 years (LHTAC won't spend money on repairs just for a bridge to come back to poor or posted for a short span of time). If a repair cost is over \$100,000, LHTAC will bring those back to the Council for approval.

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The five construction ready projects are bridge replacements that are fully designed and this funding will accelerate the LHJs ability to get the bridge constructed. The remaining bridges are the higher ranking, “low hanging fruit” of the application pool. They are simple design and construction projects, not requiring excessive work with resource agencies. These are bridges that are good candidates for bundling, are relatively inexpensive and are not likely to have any permitting complications.

LHTAC Federal-Aid Engineer Scott Wood will provide a detailed presentation on the analysis and considerations that went into these recommendations.

After Council approval, LHTAC staff will begin communications with LHJs to enter into project agreements for the repair, design and construction projects and then inform the locals that have bridges for testing and analysis of the additional work taking places on their bridges. LHTAC staff will also start analyzing how to bundle the design projects and award contracts to consultants to begin the work.

Recommendation: For Council to approve the 106 bridges for testing, analysis, design, construction or repair for an estimated total of \$38,000,000.

# Leading Idaho Local Bridge Program – Round 1 Repair Bridges

Rank	Bridge KN	Jurisdiction	County	Carries	Crosses Over	ITD District
99	20645	Bonner County	Bonner	S5786;COLBURN CULV	GROUSE CREEK	1
210	30295	Boundary County	Boundary	YUKON ROAD	MISSION CREEK;KELLOGG BR	1
153	29260	Idaho County	Idaho	CROOKED RIVER ROAD	CROOKED RIVER	2
174	29295	White Bird HD	Idaho	DAIRY MT RD;NF-463	SKOOKUMCHUCK CREEK	2
221	29010	Clearwater HD	Clearwater	CEMETARY RD	JIM FORD CREEK	2
126	20068	Valley County	Valley	STC 3988;ROSEBERRY	WILLOW CREEK	3
171	28355	Payette County	Payette	BIG FLAT ROAD	BIG WILLOW CREEK	3
177	26890	Golden Gate HD	Canyon	BLUFF LANE	RIVERSIDE CANAL	3
196	28570	Valley County	Valley	NISULA ROAD	MUD CREEK	3
201	28671	Valley County	Valley	GOLD FORK ROAD	KENNALLY CREEK	3
206	27879	Mountain Home HD	Elmore	FALL CREEK RD	FALL CREEK	3
186	23770	Blaine County	Blaine	NORTH PICABO ROAD	SILVER CREEK;N.PICABO B	4
193	25105	Shoshone HD	Lincoln	STC2784;MILLARD RD	MILNER GOODING CANAL	4
115	32040	Fremont County	Fremont	N 1600 E	ST ANTHONY CANAL	6
119	31850	Fremont County	Fremont	N 2700 E	CROSSCUT CANAL	6
165	32755	Lemhi County	Lemhi	N. ST. CHARLES	LEMHI RIVER	6
167	36110	Teton County	Teton	S 2000 E	DARBY CREEK	6
173	32670	Lemhi County	Lemhi	MABEY LANE	LEMHI RIVER	6

# Leading Idaho Local Bridge Program – Round 1 Test and Analysis

Rank	Bridge KN	Jurisdiction	County	Carries	Crosses Over	ITD District
162	30660	Shoshone County	Shoshone	TERROR GULCH	S.FK.CD'A R;TERROR GULCH	1
84	29665	South Latah HD	Latah	STC 4811;LENVILLE	LITTLE POTLATCH CREEK	2
216	28990	City of Orofino	Clearwater	STC 4786;JOHNSON	OROFINO CREEK	2
33	20030	Washington County	Washington	STC 3879;BURTON LN	CREEK;SLOUGH	3
76	20045	Adams County	Adams	STC3892;INDIAN VLY	GRAYS CREEK	3
129	28835	Washington County	Washington	OLD HWY ROAD	BEAVER CREEK	3
132	27310	City of Middleton	Canyon	S. DEWEY AVE	MILL SLOUGH	3
154	27335	Canyon HD	Canyon	STC3841;WEITZ RD	WEST END DRAIN	3
163	26440	Adams County	Adams	CEMETARY LANE	HORNET CREEK	3
185	27790	Glenns Ferry HD	Elmore	MONTGOMERY RD	KING HILL CREEK	3
194	27520	Canyon HD	Canyon	MALT ROAD	DEER FLAT HIGHLINE CNL	3
195	26950	Golden Gate HD	Canyon	TUCKER ROAD	DIXIE SLOUGH	3
204	28880	Washington County	Washington	CRANE CRK RES RD	CRANE CREEK	3
218	28403	Highway District #1	Payette	SW 3 1/2 AVE	A LINE CANAL	3
44	24315	Gooding HD	Gooding	1750 SOUTH ROAD	T.F.NORTHSIDE MAIN CNL	4
53	19455	Twin Falls HD	Twin Falls	STC2739;3800 E. RD	LATERAL 10	4
64	25585	Buhl HD	Twin Falls	1050 EAST ROAD	HIGH LINE CANAL	4
94	24365	Gooding HD	Gooding	2500 EAST ROAD	GOODING MAIN CANAL	4
125	25435	Filer HD	Twin Falls	3800 NORTH ROAD	CEDAR DRAW	4
131	24480	Bliss HD	Gooding	STC2710;CLOVER CR	CLOVER CREEK	4
134	25445	Buhl HD	Twin Falls	1500 EAST ROAD	LOW LINE CANAL	4
140	24765	Jerome HD	Jerome	500 NORTH ROAD	U' CANAL	4
157	19380	Filer HD	Twin Falls	STC2721;2200 E. RD	LOW LINE CANAL	4
200	19560	City of Ketchum	Blaine	STC2815;WARM SPRNG	BIG WOOD RIVER	4
214	23745	Blaine County	Blaine	HI 5 CANYON ROAD	LITTLE WOOD RIVER	4
220	23948	Cassia County	Cassia	STC 2842;E EY ROAD	RAFT RIVER	4
52	21585	City of Ammon	Bonneville	SMA 7406;17TH ST	SAND CREEK	5
68	22450	Bingham County	Bingham	COUNTRY CLUB;1400N	LITTLE SAND CREEK	5
98	22940	Bingham County	Bingham	PIONEER ROAD	DANSKIN CANAL	5
107	22455	Bingham County	Bingham	S. FIRTH ROAD	RESERVATION CANAL	5
117	22380	Bingham County	Bingham	W 200 S; HAHN RD	PEOPLES CANAL	5
122	22405	Bingham County	Bingham	400 NORTH ROAD	CORBETT SLOUGH CANAL	5
143	22035	Bannock County	Bannock	E. VIRGINIA ROAD	MARSH CREEK	5
144	22590	Bingham County	Bingham	400 NORTH ROAD	BLACKFOOT CANAL	5
147	22685	Bingham County	Bingham	WOODVILLE;E 1500 N	SLOUGH CANAL	5
149	22315	Bingham County	Bingham	CLINGER RD; 1450 N	SNAKE RIVER VALLEY CANAL	5
160	23373	Franklin County	Franklin	N 2200 W	WEST CACHE CANAL	5
172	22916	Bingham County	Bingham	BASELINE ROAD	SAND CREEK	5
34	32975	City of Rexburg	Madison	W. 1ST NORTH ST	REXBURG CANAL	6
79	31875	Fremont County	Fremont	N 2000 E	INDEPENDENT CANAL	6
85	31205	Bonneville County	Bonneville	W 49 S	GREAT WESTERN CANAL	6
114	21050	Fremont County	Fremont	STC 6774;N 2400 E	TWIN GROVES CANAL	6
138	20750	Bonneville County	Bonneville	STC 6703;E 65TH S	BUTTE ARM CANAL	6
145	31440	Butte County	Butte	2150 N	BIG LOST RIVER	6
168	32430	Jefferson County	Jefferson	N 4950 E	FARMERS FRIEND CANAL	6
169	31870	Fremont County	Fremont	N 2300 E	ST. ANTHONY CANAL	6
184	31310	Bonneville County	Bonneville	N 5TH W	IDAHO CANAL	6
212	32665	Lemhi County	Lemhi	IRON CREEK ROAD	SALMON RIVER;IRON CK BR	6
217	31551	City of Moore	Butte	3175 NORTH	WEST SIDE CANAL	6

## Leading Idaho Local Bridge Program – Round 1 Construction Ready

<b>Rank</b>	<b>Bridge KN</b>	<b>Jurisdiction</b>	<b>County</b>	<b>Carries</b>	<b>Crosses Over</b>	<b>ITD District</b>
35	29445	North Latah County HD	Latah	MICA MTN. ROAD	WIRR(NW DEARY OP)	2
37	23855	Camas County	Camas	MORMON ROAD	W.FK.SOLDIER CREEK	4
43	31745	Lost River HD	Custer	OLD CHILLI RD	BIG LOST RIVER	6
69	30830	Shoshone County	Shoshone	LOWER GEM HILL RD	CANYON CREEK;GEM BR	1
123	30280	Boundary County	Boundary	DEER CREEK ROAD	SKIN CREEK	1

# Leading Idaho Local Bridge Program – Round 1 Bridge Replacement Projects

Rank	Bridge Key	Administrative Jurisdiction	County	Carries	Crosses Over	Total Cost	HD/County/City	ITD District
8	30800	Shoshone County	Shoshone	S5765;SILVR VALLEY	MOON GULCH	\$1,243,292	County	1
14	20325	Benewah County	Benewah	STC5703;SANDERS RD	SMITH CREEK	\$709,910	County	1
15	20330	Benewah County	Benewah	STC5703;SANDERS RD	HANGMAN CREEK	\$722,823	County	1
18	30130	Bonner County	Bonner	GROUSE CK; NF 280	GROUSE CREEK	\$1,048,648	County	1
23	20415	Shoshone County	Shoshone	STC 5711;MOON PASS	BULLION CREEK	\$776,076	County	1
30	30715	Shoshone County	Shoshone	COUNTRY CLUB ROAD	BIG CREEK;NW.OSBURN BR	\$945,045	County	1
60	33575	Independent HD	Bonner	NORTHWEST PASSAGE	SKI TRAIL	\$1,170,770	Highway District	1
16	29680	North Latah County HD	Latah	STC 7904;LENVILLE	S.FK.PALOUSE RIVER	\$832,432	Highway District	2
27	29190	Union Independent HD	Idaho	LONGHAUL ROAD	LONGHAUL CREEK	\$848,949	Highway District	2
29	29225	Fenn HD	Idaho	DENVER ROAD	SHEBANG CREEK	\$790,991	Highway District	2
39	29505	South Latah HD	Latah	CAMPBELL LOOP	LITTLE POTLATCH CR	\$695,277	Highway District	2
71	29170	Union Independent HD	Idaho	LONGHAUL ROAD	LONGHAUL CREEK	\$801,351	Highway District	2
6	26795	City of Caldwell	Canyon	ROSE GARDEN RD	NOTUS CANAL	\$1,449,098	City	3
66	26825	Golden Gate HD	Canyon	STC3790;ALLENDALE	LOW LINE CANAL	\$688,288	Highway District	3
72	28450	Payette County	Payette	KILLEBREW DRIVE	LOWER PAYETTE DITCH	\$863,913	County	3
5	24540	Jerome HD	Jerome	50 NORTH ROAD	L' CANAL	\$767,567	Highway District	4
9	24603	Jerome HD	Jerome	600 NORTH ROAD	R' CANAL	\$818,919	Highway District	4
26	25025	Shoshone HD	Lincoln	850 WEST ROAD	MILNER GOODING CANAL	\$765,765	Highway District	4
40	24945	Richfield HD	Lincoln	1220 NORTH ROAD	EAST MAIN CANAL	\$742,042	Highway District	4
59	24450	Gooding HD	Gooding	1400 SOUTH ROAD	CANAL	\$688,288	Highway District	4
70	24950	Shoshone HD	Lincoln	650 WEST ROAD	MILNER GOODING CANAL	\$684,985	Highway District	4
75	25080	Richfield HD	Lincoln	920 NORTH ROAD	STRATTON CANAL	\$715,315	Highway District	4
80	24415	Gooding HD	Gooding	2000 EAST ROAD	S.GOODING MAIN CANAL	\$789,789	Highway District	4
25	23360	Franklin County	Franklin	WESTON-FAIRVIEW RD	BEAR RIVER;E.WESTON BR.	\$2,721,069	County	5
49	23530	Power County HD	Power	KING LANE	WARM SPRING CREEK	\$712,312	Highway District	5
77	23345	City of Franklin	Franklin	PARKINSON ROAD	CUB RIVER	\$1,068,768	City	5
3	31052	City of Swan Valley	Bonneville	COMMISSARY ROAD	RAINEY CREEK	\$694,294	City	6
4	31054	City of Swan Valley	Bonneville	RANGER STATION RD	RAINEY CREEK	\$716,216	City	6
28	32795	Madison County	Madison	STC 6785;DIGGER DR	TETON ISLAND CANAL	\$1,040,240	County	6
32	31060	Bonneville County	Bonneville	129TH SOUTH ROAD	IDAHO CANAL	\$834,434	County	6
47	32875	Madison County	Madison	N 1700 E (S TETON)	TETON ISLAND CANAL	\$704,054	County	6
54	31170	Bonneville County	Bonneville	W 33RD S	GREAT WESTERN CANAL	\$727,828	County	6
58	32245	Fremont County	Fremont	US 20 FRONTAGE RD	FALL RIVER OVERFLOW	\$760,360	County	6
62	20890	Bonneville County	Jefferson	STC 6731;55TH EAST	HARRISON CANAL	\$1,012,212	County	6

# Leading Idaho Local Bridge Program – Round 1 Summary

Group 1	# Bridges	Estimated Cost
Test & Analysis	49	\$ 550,000
Repair Bridges	18	\$ 1,800,000
Construction Ready	5	\$ 3,650,000
<b>Sub-Total</b>	<b>72</b>	<b>\$ 6,000,000</b>
Group 2	# Bridges	Estimated Cost
ITD District 1	7	\$ 7,000,000
ITD District 2	5	\$ 4,000,000
ITD District 3	3	\$ 3,000,000
ITD District 4	8	\$ 6,000,000
ITD District 5	3	\$ 5,000,000
ITD District 6	8	\$ 7,000,000
<b>Sub-Total</b>	<b>34</b>	<b>\$ 32,000,000</b>
<b>Total</b>	<b>106</b>	<b>\$ 38,000,000</b>

Leading Idaho Local Bridge Program														
Round 1 Funding Awards														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	<b>35</b>	36	<b>37</b>	38	39	40	41	42	<b>43</b>	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	<b>69</b>	70	71	72	73	74	75
76	77	78	79	<b>80</b>	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
121	122	<b>123</b>	124	125	126	127	128	129	130	131	132	133	134	135
136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160	161	162	163	164	165
166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195
196	197	198	199	200	201	202	203	204	205	206	207	208	209	210
211	212	213	214	215	216	217	218	219	220	221				
	Replace, <b>BOLD</b> = Construction Ready													
	Repair													
	Testing and Analysis													