RFB 22-07 Addendum I

See below updated Attachments A and C for RFB 22-07. Also please review all notes below pertaining to RFB 22-07.

- Poles with vibratory caissons should utilize slip joints unless the pole is in an uplift condition. Poles in uplift should utilize a flange mount vibratory caisson.
- Foundation loads are based on the current PLS model.
- The embedded base diameter is based on our best estimate and the maximum base moment used.
- If the embedded pole diameters shown are smaller than what the vendor has for the structure, the diameter of the embedded section can be increased to match.
- Vendors should note any changes to the embedded sections in their bids.
- Vendors should provide diameter, length, and thickness of each vibratory caisson.
- We will refine each embedded section upon receipt of the actual pole vendor's designs. Final designs will be based on the vendor's pole and base diameter and site specific Geotech.
- Structure framing drawings will be provided after award of bid.

Mt. Pleasant - Sugg Pkwy Transmission						
Structure #	**Pole Height (ft.)**	**Wood Pole Equivalent**	**RUS Class**	**Embedment**	**Embedment Depth (ft.)**	**Prelim Embed. Diameter (in.)**
1	80	ENG	ENG	Concrete Foundation	N/A	N/A
2	85	H9	S-10.0	Vibratory Steel Caisson	25	30
3	85	ENG	ENG	Concrete Foundation	N/A	N/A
4	90	ENG	ENG	Concrete Foundation	N/A	N/A
5	95	ENG	ENG	Concrete Foundation	N/A	N/A
6	80	ENG	ENG	Concrete Foundation	N/A	N/A
7	80	H9	S-10.0	Vibratory Steel Caisson	25	30
8	80	ENG	ENG	Concrete Foundation	N/A	N/A
9	75	H8	S-09.0	Vibratory Steel Caisson	24	28
10	75	H8	S-09.0	Vibratory Steel Caisson	25	30
11	75	ENG	ENG	Concrete Foundation	N/A	N/A
12	75	H7	S-08.0	Vibratory Steel Caisson	24	28
13	75	ENG	ENG	Concrete Foundation	N/A	N/A
14	80	H10	S-11.0	Vibratory Steel Caisson	25	30
15	80	H10	S-11.0	Vibratory Steel Caisson	25	30
16	75	H8	S-09.0	Vibratory Steel Caisson	25	30
17	75	H7	S-08.0	Vibratory Steel Caisson	24	28
18	80	ENG	ENG	Concrete Foundation	N/A	N/A
19	80	H10	S-11.0	Vibratory Steel Caisson	25	30
20	80	H9	S-10.0	Vibratory Steel Caisson	25	30
21	90	ENG	ENG	Concrete Foundation	N/A	N/A
22	100	ENG	ENG	Concrete Foundation	N/A	N/A
23	95	ENG	ENG	Concrete Foundation	N/A	N/A
24	80	H8	S-09.0	Vibratory Steel Caisson	25	30
25	70	ENG	ENG	Concrete Foundation	N/A	N/A
26	75	H10	S-11.0	Vibratory Steel Caisson	25	30
27	75	H8	S-09.0	Vibratory Steel Caisson	25	30
28	80	H10	S-11.0	Vibratory Steel Caisson	25	30
29	80	H9	S-10.0	Vibratory Steel Caisson	25	30
30	80	H10	S-11.0	Vibratory Steel Caisson	25	30
31	75	H8	S-09.0	Vibratory Steel Caisson	25	30
32	75	H9	S-10.0	Vibratory Steel Caisson	25	30
33	80	H10	S-11.0	Vibratory Steel Caisson	25	30
34	80	H10	S-11.0	Vibratory Steel Caisson	25	30
35	80	ENG	ENG	Concrete Foundation	N/A	N/A
36	75	H8	S-09.0	Vibratory Steel Caisson	24	28
37	80	H10	S-11.0	Vibratory Steel Caisson	24	28
38	75	ENG	ENG	Concrete Foundation	N/A	N/A
39	75	H7	S-08.0	Vibratory Steel Caisson	24	28
40	75	ENG	ENG	Concrete Foundation	N/A	N/A
41	80	H7	S-08.0	Vibratory Steel Caisson	24	28
42	85	ENG	ENG	Concrete Foundation	N/A	N/A

Structure #	Pole Height (ft.)	Wood Pole Equivalent	RUS Class	Embedment	Embedment Depth (ft.)	Prelim Embed. Diameter (in.)
43	85	H10	S-11.0	Vibratory Steel Caisson	25	33
44	80	H8	S-09.0	Vibratory Steel Caisson	25	30
45	75	ENG	ENG	Concrete Foundation	N/A	N/A
46	80	ENG	ENG	Concrete Foundation	N/A	N/A
47	85	H10	S-11.0	Vibratory Steel Caisson	25	30
48	90	H10	S-11.0	Vibratory Steel Caisson	25	30
49	85	ENG	ENG	Concrete Foundation	N/A	N/A
50	80	ENG	ENG	Concrete Foundation	N/A	N/A
51	95	H10	S-11.0	Vibratory Steel Caisson	25	33
52	95	ENG	ENG	Concrete Foundation	N/A	N/A
53	90	H10	S-11.0	Vibratory Steel Caisson	25	30
54	90	H10	S-11.0	Vibratory Steel Caisson	25	30
55	95	ENG	ENG	Concrete Foundation	N/A	N/A
56	95	ENG	ENG	Concrete Foundation	N/A	N/A
57	85	H10	S-11.0	Vibratory Steel Caisson	25	30
58	80	H10	S-11.0	Vibratory Steel Caisson	25	30
59	80	H9	S-10.0	Vibratory Steel Caisson	25	30
60	80	H10	S-11.0	Vibratory Steel Caisson	25	30
61	90	ENG	ENG	Concrete Foundation	N/A	N/A
62	105	ENG	ENG	Concrete Foundation	N/A	N/A
63	105	ENG	ENG	Concrete Foundation	N/A	N/A
64	75	ENG	ENG	Concrete Foundation	N/A	N/A
65	75	ENG	ENG	Concrete Foundation	N/A	N/A
66	70	H7	S-08.0	Vibratory Steel Caisson	24	28
67	70	H7	S-08.0	Vibratory Steel Caisson	24	28
68	70	H10+	S-11.0+	Vibratory Steel Caisson	24	28
69	70	H6	S-07.4	Vibratory Steel Caisson	24	28
70	70	H8	S-09.0	Vibratory Steel Caisson	24	28
71	70	H6	S-07.4	Vibratory Steel Caisson	24	28
72	70	H9	S-10.0	Vibratory Steel Caisson	25	30
73	80	H10	S-11.0	Vibratory Steel Caisson	25	30
74	80	H10	S-11.0	Vibratory Steel Caisson	25	30
75	80	ENG	ENG	Concrete Foundation	N/A	N/A
76	80	H8	S-09.0	Vibratory Steel Caisson	25	30
77	80	H8	S-09.0	Vibratory Steel Caisson	25	30
78	80	H7	S-08.0	Vibratory Steel Caisson	24	28
79	80	H9	S-10.0	Vibratory Steel Caisson	25	30
80	80	H6	S-07.4	Vibratory Steel Caisson	24	28
81	80	H6	S-07.4	Vibratory Steel Caisson	24	28
82	80	H6	S-07.4	Vibratory Steel Caisson	24	28
83	85	H7	S-08.0	Vibratory Steel Caisson	24	28
84	85	H8	S-09.0	Vibratory Steel Caisson	24	28
85	80	ENG	ENG	Concrete Foundation	N/A	N/A
86	75	H7	S-08.0	Vibratory Steel Caisson	24	28

Structure #	Pole Height (ft.)	Wood Pole Equivalent	RUS Class	Embedment	Embedment Depth (ft.)	Prelim Embed. Diameter (in.)
87	75	H6	S-07.4	Vibratory Steel Caisson	24	28
88	70	H6	S-07.4	Vibratory Steel Caisson	24	28
89	70	H6	S-07.4	Vibratory Steel Caisson	24	28
90	70	H6	S-07.4	Vibratory Steel Caisson	24	28
91	75	H10	S-11.0	Vibratory Steel Caisson	24	28
92	70	H6	S-07.4	Vibratory Steel Caisson	24	28
93	70	H6	S-07.4	Vibratory Steel Caisson	24	28
94	75	H10	S-11.0	Vibratory Steel Caisson	24	28
95	70	H6	S-07.4	Vibratory Steel Caisson	24	28
96	70	H6	S-07.4	Vibratory Steel Caisson	24	28
97	70	H6	S-07.4	Vibratory Steel Caisson	24	28
98	75	H7	S-08.0	Vibratory Steel Caisson	24	28
99	85	ENG	ENG	Concrete Foundation	N/A	N/A
100	80	ENG	ENG	Concrete Foundation	N/A	N/A
101	80	ENG	ENG	Concrete Foundation	N/A	N/A
102	80	ENG	ENG	Concrete Foundation	N/A	N/A
103	75	H8	S-09.0	Vibratory Steel Caisson	24	28
104	70	H8	S-09.0	Vibratory Steel Caisson	24	28
105	70	H4	S-05.7	Vibratory Steel Caisson	24	28
106	70	H4	S-05.7	Vibratory Steel Caisson	24	28
107	70	H4	S-05.7	Vibratory Steel Caisson	24	28
108	70	H5	S-06.5	Vibratory Steel Caisson	24	28
109	70	H5	S-06.5	Vibratory Steel Caisson	24	28
110	70	H6	S-07.4	Vibratory Steel Caisson	24	28
111	75	H8	S-09.0	Vibratory Steel Caisson	24	28
112	80	H10	S-11.0	Vibratory Steel Caisson	24	28
113	85	H7	S-08.0	Vibratory Steel Caisson	24	28
114	90	ENG	ENG	Concrete Foundation	N/A	N/A
115	90	ENG	ENG	Concrete Foundation	N/A	N/A
116	85	H7	S-08.0	Vibratory Steel Caisson	24	28
117	80	H6	S-07.4	Vibratory Steel Caisson	24	28
118	80	H6	S-07.4	Vibratory Steel Caisson	24	28
119	90	H10	S-11.0	Vibratory Steel Caisson	24	28
120	85	H7	S-08.0	Vibratory Steel Caisson	24	28
121	90	H10	S-11.0	Vibratory Steel Caisson	25	30
122	85	H8	S-09.0	Vibratory Steel Caisson	24	28
123	80	H8	S-09.0	Vibratory Steel Caisson	25	30
124	80	H8	S-09.0	Vibratory Steel Caisson	24	28
125	85	H7	S-08.0	Vibratory Steel Caisson	24	28
126	85	H7	S-08.0	Vibratory Steel Caisson	25	30
127	85	H8	S-09.0	Vibratory Steel Caisson	25	30
128	85	H8	S-09.0	Vibratory Steel Caisson	25	30
129	85	H8	S-09.0	Vibratory Steel Caisson	25	30
130	80	H6	S-07.4	Vibratory Steel Caisson	24	28

Structure #	Pole Height (ft.)	Wood Pole Equivalent	RUS Class	Embedment	Embedment Depth (ft.)	Prelim Embed. Diameter (in.)
131	80	H6	S-07.4	Vibratory Steel Caisson	24	28
132	75	ENG	ENG	Concrete Foundation	N/A	N/A
133	80	H6	S-07.4	Vibratory Steel Caisson	24	28
134	85	H10	S-11.0	Vibratory Steel Caisson	24	28
135	85	H7	S-08.0	Vibratory Steel Caisson	24	28
136	85	H8	S-09.0	Vibratory Steel Caisson	24	28
137	80	H6	S-07.4	Vibratory Steel Caisson	24	28
138	85	H10	S-11.0	Vibratory Steel Caisson	24	28
139	80	H6	S-07.4	Vibratory Steel Caisson	24	28
140	80	ENG	ENG	Concrete Foundation	N/A	N/A
141	80	ENG	ENG	Concrete Foundation	N/A	N/A
142	80	ENG	ENG	Concrete Foundation	N/A	N/A
143	85	ENG	ENG	Concrete Foundation	N/A	N/A
144	85	H10	S-11.0	Vibratory Steel Caisson	25	30
145	80	ENG	ENG	Concrete Foundation	N/A	N/A
146	75	H6	S-07.4	Vibratory Steel Caisson	24	28
147	75	ENG	ENG	Concrete Foundation	N/A	N/A
148	75	H6	S-07.4	Vibratory Steel Caisson	24	28
149	75	H6	S-07.4	Vibratory Steel Caisson	24	28
150	80	H6	S-07.4	Vibratory Steel Caisson	24	28
151	80	ENG	ENG	Concrete Foundation	N/A	N/A
152	85	H6	S-07.4	Vibratory Steel Caisson	24	28
153	85	ENG	ENG	Concrete Foundation	N/A	N/A
154	95	ENG	ENG	Concrete Foundation	N/A	N/A
155	85	H8	S-09.0	Vibratory Steel Caisson	24	28
156	85	H6	S-07.4	Vibratory Steel Caisson	24	28
157	80	H7	S-08.0	Vibratory Steel Caisson	24	28
158	75	H10	S-11.0	Vibratory Steel Caisson	25	30
159	75	H8	S-09.0	Vibratory Steel Caisson	24	28
160	70	H7	S-08.0	Vibratory Steel Caisson	24	28
161	70	H6	S-07.4	Vibratory Steel Caisson	24	28
162	70	H6	S-07.4	Vibratory Steel Caisson	24	28
163	70	H4	S-05.7	Vibratory Steel Caisson	24	28

Wood Pole Equivalent Structures						
STR Class	**STR Height**	**Total**	**Structure Weight (lb)**	**Structure Cost**	**Total Structure Weight (lb)**	**Total Structure Cost**
H4	70	4	-	$		$
	75	-	-	$		$
	80	-	-	$		$
	85	-	-	$		$
	90	-	-	$		$
	95	-	-	$		$
H5	70	2	-	$		$
	75	-	-	$		$
	80	-	-	$		$
	85	-	-	$		$
	90	-	-	$		$
	95	-	-	$		$
H6	70	13	-	$		$
	75	4	-	$		$
	80	11	-	$		$
	85	2	-	$		$
	90	-	-	$		$
	95	-	-	$		$
H7	70	3	-	$		$
	75	5	-	$		$
	80	3	-	$		$
	85	7	-	$		$
	90	-	-	$		$
	95	-	-	$		$
H8	70	2	-	$		$
	75	9	-	$		$
	80	6	-	$		$
	85	7	-	$		$
	90	-	-	$		$
	95	-	-	$		$
H9	70	1	-	$		$
	75	1	-	$		$
	80	5	-	$		$
	85	1	-	$		$
	90	-	-	$		$
	95	-	-	$		$
H10+	70	1	-	$		$
	75	4	-	$		$
	80	13	-	$		$
	85	6	-	$		$
	90	5	-	$		$
	95	1	-	$		$
					Total Cost	**$ -**

Engineered Structures			
STR #	**STR Height**	**Structure Weight (lb)**	**Total Structure Cost**
1	80		$
3	85		$
4	90		$
5	95		$
6	80		$
8	80		$
11	75		$
13	75		$
18	80		$
21	90		$
22	100		$
23	95		$
25	70		$
35	80		$
38	75		$
40	75		$
42	85		$
45	75		$
46	80		$
49	85		$
50	80		$
52	95		$
55	95		$
56	95		$
61	90		$
62	105		$
63	105		$
64	75		$
65	75		$
75	80		$
85	80		$
99	85		$
100	80		$
101	80		$
102	80		$
114	90		$
115	90		$
132	75		$
140	80		$
141	80		$
142	80		$
143	85		$
145	80		$
147	75		$
151	80		$
153	85		$
154	95		$
		Total Cost	**$ -**