

Attachment G
Bridges for Public Water Crossings

**Attachment G
Bridges for Public Water Crossings**

MDNR ID No.	Milepost	Public Water Name (Kittle Number when Assigned) ^a	Stream Type	Sensitivity to Disturbance	Recovery Potential	Stream Bank Erosion Potential	Vegetation Controlling Influence	Bridge Comments	Primary Flow Location ^b	Support Recommendation
2	805.4	Unnamed Creek (H-026-011-001)	C6c-	very high	good	high	very high	1) Bank migration potential is to the north. Primary flow is located on the upstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Upstream Side of Channel	Flume
3	815.6	Judicial Ditch 10 (H-026-011)	N/A	moderate	excellent	moderate	moderate	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	Flume
7	847.2	South Branch Snake River (H-026-021-010)	E5	very high	good	high	very high	1) Bank migration potential is to the north. Primary flow is located on the upstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Upstream Side of Channel	Flume
10	869.7	Unnamed Creek (H-026-030-028)	N/A	moderate	excellent	moderate	moderate	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	Flume
12	885.8	Lost River (H-026-030-019-007)	B5c	moderate	excellent	moderate	moderate	1) Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	Flume
13	902.0	Unnamed Ditch (H-026-030-019-007-007)	N/A	moderate	excellent	moderate	moderate	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	N/A - Span
14	904.0	Lost River (H-026-030-019-007)	C5c-	very high	fair	very high	very high	1) Bank migration potential is to the south. Primary flow is located on the downstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Downstream Side of Channel	Flume
15	907.1	Silver Creek (H-026-030-019-007-005)	E4	very high	good	high	very high	1) Bank migration potential is to the north. Primary flow is located on the upstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Upstream Side of Channel	Flume
16	907.4	Silver Creek (H-026-030-019-007-005)	E5	very high	good	high	very high	1) Bank migration potential is to the north. Primary flow is located on the upstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Upstream Side of Channel	Flume
17	907.7	Silver Creek (H-026-030-019-007-005)	E5	very high	good	high	very high	1) Bank migration potential is to the north. Primary flow is located on the upstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Upstream Side of Channel	Flume
19	910.9	Unnamed Stream (H-026-030-019-007-005-001)	N/A	moderate	excellent	moderate	moderate	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	N/A - Span

**Attachment G
Bridges for Public Water Crossings**

MDNR ID No.	Milepost	Public Water Name (Kittle Number when Assigned) ^a	Stream Type	Sensitivity to Disturbance	Recovery Potential	Stream Bank Erosion Potential	Vegetation Controlling Influence	Bridge Comments	Primary Flow Location ^b	Support Recommendation
21	924.2	Walker Brook (H-026-030-019-029)	N/A	very high	good	moderate	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	Flume
22	925.4	Unnamed Creek (H-026-030-019-029-001)	N/A	very high	good	moderate	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	N/A - Span
23	928.5	Walker Brook (H-026-030-019-029)	N/A	very high	good	moderate	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	Flume
24	931.7	Unnamed Stream (M-161-004-009)	E5	very high	good	high	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	Flume
25	932.6	Unnamed Stream (M-161-004-009)	N/A	moderate	excellent	moderate	moderate	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	N/A - Span
26	933.1	Unnamed Stream (M-161-004-009)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A - Span
27	940.1	Bear Creek (M-164)	E5	very high	good	high	very high	1) Bank migration potential is low. Primary flow is located along the outside bend of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Downstream Side of Channel	Flume
29	946.0	LaSalle Creek (M-163)	E5	very high	good	high	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	Flume
30	962.2	Unnamed Creek (M-096-035-002-004-000.5)	N/A	moderate	excellent	moderate	moderate	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	N/A - Span

**Attachment G
Bridges for Public Water Crossings**

MDNR ID No.	Milepost	Public Water Name (Kittle Number when Assigned) ^a	Stream Type	Sensitivity to Disturbance	Recovery Potential	Stream Bank Erosion Potential	Vegetation Controlling Influence	Bridge Comments	Primary Flow Location ^b	Support Recommendation
34	976.6	Shell River (M-096-035-004)	C5c-	very high	fair	very high	very high	1) Bank migration potential is to the south. Primary flow is located on the downstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Downstream Side of Channel	Flume
35	981.4	Shell River (M-096-035-004)	C5	very high	fair	very high	very high	1) Bank erosion potential is high along both banks. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	Flume
41	1000.5	Big Swamp Creek (M-096-030)	N/A	very high	good	high	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	Flume or Mat (winter only)
45	1026.4	Blind Lake Creek (M-106-014-002)	C5	very high	fair	very high	very high	1) Bank migration potential is to the west. Primary flow is located on the upstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Upstream Side of Channel	Flume
48	1041.3	Spring Brook (M-106-004-002-001)	C4c-	very high	good	very high	very high	1) Bank migration potential is to the east. Primary flow is located on the downstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Downstream Side of Channel	N/A - Span
49	1048.0	Moose River (M-117-012)	N/A	very high	good	high	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	Flume or Mat
50	1053.4	Unnamed Stream (M-117-012-002)	N/A	very high	good	high	very high	1) Bank migration potential is moderate due to recent beaver dam breach. Primary flow is located along the outside channel bend. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Downstream Side of Channel	N/A - Span
51	1056.6	Moose Lake (Public Water Basin) / Tributary to Moose Lake (Non-Public Water)	N/A	very high	good	moderate	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank.	Center of Channel	Span (Basin) / Span - in stream support (Tributary)
54	1070.9	Unnamed Stream (M-122-001)	N/A	very high	good	moderate	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	Flume or Mat

**Attachment G
Bridges for Public Water Crossings**

MDNR ID No.	Milepost	Public Water Name (Kittle Number when Assigned) ^a	Stream Type	Sensitivity to Disturbance	Recovery Potential	Stream Bank Erosion Potential	Vegetation Controlling Influence	Bridge Comments	Primary Flow Location ^b	Support Recommendation
55	1075.5	Unnamed Stream (M-120-005-001-005)	N/A	very high	good	moderate	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 3) Avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank - place mats directly on top of existing vegetation within 20' of TOB (limited stump may be required).	Center of Channel	N/A - Span
56	1076.9	West Savanna River (M-120-005-001)	N/A	very high	good	moderate	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	Flume
58	1094.0	Unnamed Stream (S-002-028)	B3c	low	excellent	low	moderate	1) Bank migration potential is moderate. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	Flume
59	1095.9	Unnamed Stream (S-002-027)	B5c	moderate	excellent	moderate	moderate	1) Bank migration potential is high. Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	Flume
60	1096.7	Ahmik River (S-002-026)	N/A	very high	fair	very high	very high	1) Bank migration potential is to the south. Primary flow is located on the downstream side of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Downstream Side of Channel	Flume
63b	1115.6	Unnamed Stream (S-002-009-001-002)	E5	very high	good	high	very high	1) Bank migration potential is to the south. Primary flow is located along the outside bend of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Downstream Side of Channel	Flume
65	1118.4	Little Otter Creek (S-002-009-001)	E5	very high	good	high	very high	1) Bank migration potential is to the west and east (opposite bends). Primary flow is located along the outside bend of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Upstream Side of Channel	Flume
67	1126.2	Unnamed Stream (S-001.5-007)	E5	very high	good	high	very high	1) Bank migration potential is low. Primary flow is located in the center of the channel. 2) Place mats directly on top of existing vegetation to avoid or minimize disturbance of vegetation on the channel banks and at the top of the stream bank (limited stump removal may be required).	Center of Channel	Flume

^a Public Water watercourses, wetlands, and basins accessed from the Minnesota Geospatial Commons. Public Water features located on private lands are addressed in the Work in Public Waters application.

^b Upstream and downstream refer to the direction of the pipeline. Upstream being north and west towards North Dakota and downstream being south and east towards Wisconsin.