

Appendix J

Road and Railroad Crossings

This table updates the information submitted as Appendix L of the Enbridge Energy, Limited Partnership Application for a Pipeline Routing Permit on April 24, 2015.

**Line 3 Replacement Project
Road and Railroad Crossing Table**

MP	County	Crossing Type	Name	Crossing Method
802	Kittson	Road	160th Avenue	Open-Cut
803	Kittson	Road	200th Street	Open-Cut
804	Kittson	Road	170th Avenue	Open-Cut
805	Kittson	Road	190th Street	Open-Cut
806	Kittson	Road	180th Street	Open-Cut
806	Kittson	Road	180th Avenue	Open-Cut
807	Kittson	Road	CSAH 7	Bore
807	Kittson	Road	CSAH 1	Bore
808	Kittson	Road	200th Avenue	Open-Cut
809	Kittson	Road	160th Street	Open-Cut
810	Kittson	Road	150th Street	Bore
810	Kittson	Road	210th Avenue	Open-Cut
811	Kittson	Road	CSAH 23	Bore
811	Kittson	Road	CSAH 13	Open-Cut
813	Kittson	Road	130th Street	Open-Cut
813	Kittson	Road	CSAH 13	Open-Cut
814	Kittson	Road	240th Avenue	Open-Cut
814	Kittson	Road	MN Highway 11	Bore
816	Kittson	Road	110th Street	Open-Cut
816	Kittson	Road	250th Avenue	Open-Cut
817	Kittson	Railroad	Burlington Northern Santa Fe Railway	Bore
817	Kittson	Road	100th Street / 460th Street NW	Bore
817	Kittson	Road	U.S. Highway 75	Bore
818	Marshall	Road	450th Street NW	Open-Cut
819	Marshall	Road	380th Avenue NW	Open-Cut
820	Marshall	Road	370th Avenue NW	Open-Cut
820	Marshall	Road	CSAH 24	Bore
821	Marshall	Road	430th Street NW	Open-Cut
822	Marshall	Road	420th Street NW	Open-Cut
822	Marshall	Road	CSAH 23	Bore
823	Marshall	Road	415th Street NW	Open-Cut
824	Marshall	Road	350th Avenue NW	Bore
824	Marshall	Road	410th Street NW	Bore

**Line 3 Replacement Project
Road and Railroad Crossing Table**

825	Marshall	Road	340th Avenue NW	Open-Cut
825	Marshall	Road	CSAH 5	Bore
826	Marshall	Road	CSAH 6	Bore
827	Marshall	Road	330th Avenue NW	Open-Cut
828	Marshall	Road	380th Street NW	Open-Cut
829	Marshall	Road	CSAH 34	Bore
830	Marshall	Road	CSAH 30	Open-Cut
831	Marshall	Road	300th Avenue NW	Open-Cut
832	Marshall	Road	290th Avenue NW	Open-Cut
832	Marshall	Road	350th Street NW	Open-Cut
833	Marshall	Road	County Road 110	Open-Cut
834	Marshall	Road	280th Avenue NW	Open-Cut
835	Marshall	Road	CSAH 1	Bore
835	Marshall	Road	330th Street NW	Open-Cut
836	Marshall	Road	County Road 111	Open-Cut
836	Marshall	Road	CSAH 4	HDD
838	Marshall	Road	CSAH 3	Bore
838	Marshall	Road	250th Avenue NW	Open-Cut
839	Marshall	Road	240th Avenue NW	Open-Cut
839	Marshall	Road	County Road 37	Open-Cut
840	Marshall	Road	290th Street NW	Open-Cut
841	Marshall	Road	230th Avenue NW	Open-Cut
842	Marshall	Road	220th Avenue NW	Open-Cut
842	Marshall	Road	280th Street NW	Open-Cut
843	Marshall	Road	CSAH 14	Bore
844	Marshall	Road	210th Avenue NW	Open-Cut
845	Marshall	Road	200th Avenue NW	Bore
846	Marshall	Railroad	Northern Plains	Bore
846	Marshall	Road	CSAH 38	Bore
846	Marshall	Road	250th Street NW	Bore
847	Marshall	Road	240th Street NW	Open-Cut
848	Marshall	Road	180th Avenue NW	Bore
848	Marshall	Road	CSAH 2	Bore
849	Marshall	Road	225th Street NW	Open-Cut

**Line 3 Replacement Project
Road and Railroad Crossing Table**

850	Marshall	Road	160th Avenue NW	Open-Cut
850	Marshall	Road	220th Street NW	Bore
850	Marshall	Road	County Road 107	Bore
851	Marshall	Road	160th Avenue NW	Bore
851	Marshall	Road	215th Street NW	Bore
851	Marshall	Road	165th Avenue NW	Open-Cut
852	Pennington	Road	200th Street NW	Open-Cut
853	Pennington	Road	147th Avenue NW	Open-Cut
853	Pennington	Road	150th Avenue NW	Open-Cut
855	Pennington	Road	County Highway 63	Bore
856	Pennington	Road	130th Avenue NW	Open-Cut
857	Pennington	Road	County Highway 71	Open-Cut
857	Pennington	Road	MN Highway 1	Bore
858	Pennington	Road	160th Street NW	Open-Cut
859	Pennington	Road	County Highway 61	Open-Cut
859	Pennington	Road	CSAH 15	Bore
860	Pennington	Road	County Highway 72	Open-Cut
861	Pennington	Road	CSAH 7	Bore
862	Pennington	Road	County Highway 59	Open-Cut
862	Pennington	Road	County Highway 73	Bore
863	Pennington	Road	120th Street NE	Open-Cut
863	Pennington	Road	County Highway 74	Open-Cut
864	Pennington	Railroad	Minnesota Northern Railroad	Bore
864	Pennington	Road	MN Highway 32	Bore
865	Pennington	Road	County Highway 75	Open-Cut
866	Pennington	Road	CSAH 17	Bore
866	Pennington	Road	CSAH 3	Bore
867	Pennington	Road	County Highway 55	Open-Cut
868	Pennington	Road	150th Avenue SE	Bore
869	Pennington	Road	160th Avenue SE	Open-Cut
870	Pennington	Road	County Highway 79	Open-Cut
870	Pennington	Road	CSAH 2	Open-Cut
871	Pennington	Road	County Highway 52	Open-Cut
871	Pennington	Road	175th Avenue SE	Open-Cut

**Line 3 Replacement Project
Road and Railroad Crossing Table**

873	Red Lake	Road	CSAH 26	Open-Cut
874	Red Lake	Road	160th Street SE	Open-Cut
874	Red Lake	Road	190th Avenue SE	Open-Cut
875	Red Lake	Road	Township Road 107	Open-Cut
876	Red Lake	Railroad	Canadian Pacific Railway	HDD
876	Red Lake	Road	U.S. Highway 59	HDD
876	Red Lake	Road	County Road 126	HDD
877	Red Lake	Road	CSAH 1	Bore
878	Red Lake	Road	190th Street SE	Open-Cut
879	Red Lake	Road	230th Avenue SE	Open-Cut
880	Red Lake	Road	County Road 129	Open-Cut
881	Red Lake	Road	250th Avenue SE	Open-Cut
883	Red Lake	Road	CSAH 21	Open-Cut
884	Red Lake	Road	270th Avenue SE	Open-Cut
885	Red Lake	Road	220th Street SE	Open-Cut
885	Red Lake	Road	280th Avenue SE	Open-Cut
886	Red Lake	Road	CSAH 5	Bore
887	Polk	Road	CSAH 33	Open-Cut
888	Polk	Road	310th Avenue SE	Open-Cut
890	Polk	Road	240th Street SE	Open-Cut
891	Polk	Road	340th Avenue SE	Open-Cut
892	Polk	Road	CSAH 6	Bore
893	Polk	Road	360th Avenue SE	Open-Cut
894	Polk	Road	Stine Road	Bore
895	Polk	Road	CSAH 28	Open-Cut
896	Polk	Railroad	Canadian Pacific Railway	Bore
896	Polk	Road	MN Highway 92	Bore
896	Polk	Road	380th Avenue SE	Bore
898	Polk	Road	CSAH 2	Bore
899	Polk	Road	410th Avenue SE	Open-Cut
900	Polk	Road	420th Avenue SE	Bore
901	Clearwater	Road	101st Street SE (Pine Lake T-131)	Bore
902	Clearwater	Road	113th Avenue	Open-Cut
903	Clearwater	Road	CSAH 8	Bore

**Line 3 Replacement Project
Road and Railroad Crossing Table**

904	Clearwater	Road	CSAH 7	Bore
905	Clearwater	Road	County Road 73	Bore
905	Clearwater	Road	490th Street	Open-Cut
907	Clearwater	Road	159th Avenue	Open-Cut
908	Clearwater	Road	MN Highway 92	Bore
909	Clearwater	Road	Pipeline Trail	TBD
910	Clearwater	Road	470th Street	TBD
912	Clearwater	Road	County Road 3	Bore
914	Clearwater	Road	446th Street	Bore
914	Clearwater	Road	450th Stree	Bore
914	Clearwater	Road	181st Avenueue	Bore
915	Clearwater	Road	MN Highway 223 / Leonard Road	Bore
917	Clearwater	Road	418th Street	Open-Cut
919	Clearwater	Road	County Road 1	Bore
921	Clearwater	Road	380th Stree	Bore
921	Clearwater	Road	Fairground Road / County Road 24	Bore
923	Clearwater	Railroad	Burlington Northern Santa Fe Railway	HDD
923	Clearwater	Road	U.S. Highway 2	HDD
923	Clearwater	Road	Airport Drive	HDD
924	Clearwater	Road	County Road 19	Bore
925	Clearwater	Road	340th Street / County Road 26	Bore
927	Clearwater	Road	County Road 30 / 221st Avenue	Bore
928	Clearwater	Road	320th Street / County Road 13	Bore
930	Clearwater	Road	300th Street / Township Road 150	Bore
933	Clearwater	Road	County Roa 84 / Pioneer Road	Bore
933	Clearwater	Road	270th Street	Bore
935	Clearwater	Road	County Road 36 / Upper Rice Lake	Bore
935	Clearwater	Road	Mallard Grade Trail	Bore
936	Clearwater	Road	250th Street	Bore
937	Clearwater	Road	County Road 2	Bore
937	Clearwater	Road	240th Street	Open-Cut
938	Clearwater	Road	230th Street / County Road 40	HDD
940	Clearwater	Road	Clearline Road / 220th Street	Bore
942	Clearwater	Road	200th Street	Bore

**Line 3 Replacement Project
Road and Railroad Crossing Table**

943	Clearwater	Road	190th Street	Open-Cut
946	Hubbard	Road	400th Street	Bore
947	Hubbard	Road	390th Street	Bore
948	Hubbard	Road	County Road 95	Bore
950	Hubbard	Road	U.S. Highway 71	Bore
950	Hubbard	Road	Norway Drive	Bore
955	Hubbard	Road	320th Street / Wabisish Lake Road	Open-Cut
956	Hubbard	Road	County Road 89	Bore
957	Hubbard	Road	300th Street	Open-Cut
958	Hubbard	Road	Jade Rose Drive	Open-Cut
959	Hubbard	Road	Inland Drive	Bore
960	Hubbard	Road	U.S. Highway 71	Bore
961	Hubbard	Road	260th Street	Bore
963	Hubbard	Road	County Road 32	Bore
966	Hubbard	Road	County Road 48	Bore
967	Hubbard	Road	200th Street / Township Road 8	Bore
968	Hubbard	Road	190th Street	Bore
968	Hubbard	Road	109th Avenue	Bore
969	Hubbard	Road	MN Highway 34	Bore
970	Hubbard	Road	170th Street	Bore
971	Hubbard	Road	160th Street	Bore
972	Hubbard	Road	150th Street	Bore
973	Hubbard	Road	County Road 14	Bore
974	Hubbard	Road	109th Avenue / County Road 111	HDD
975	Hubbard	Road	114th Street / Township Road 15	Bore
976	Hubbard	Road	110th Street / County Road 111	Bore
977	Hubbard	Road	109th Avenue / Section Line Road	Bore
978	Hubbard	Road	119th Avenue	Bore
979	Hubbard	Road	U.S. Highway 71	Bore
982	Hubbard	Road	159th Avenue / Township Road 24	Bore
983	Hubbard	Road	County Road 6	Bore
984	Hubbard	Road	179th Avenue / County Road 108	Bore
986	Hubbard	Road	County Road 11	Bore
990	Wadena	Road	County Road 25	Bore

**Line 3 Replacement Project
Road and Railroad Crossing Table**

993	Wadena	Road	County Road 153	Open-Cut
995	Cass	Road	96th Avenue SW	Bore
995	Cass	Road	94th Avenue SW	Open-Cut
996	Cass	Road	92nd Avenue SW	Bore
997	Cass	Road	McKinley Road # 2	Open-Cut
999	Cass	Road	MN Highway 64	Bore
1000	Cass	Road	76th Avenue SW	Bore
1001	Cass	Road	72nd Avenue SW / County Road 112	Open-Cut
1002	Cass	Road	68th Avenue SW	Open-Cut
1007	Cass	Road	48th Avenue SW / County Road 27	Bore
1008	Cass	Road	44th Avenue SW	Open-Cut
1009	Cass	Road	MN Highway 371	Bore
1011	Cass	Road	32nd Avenue SW / Mildread Chapel Road	Open-Cut
1012	Cass	Road	28th Avenue SW / County Road 42	Open-Cut
1013	Cass	Road	24th Avenue SW	Open-Cut
1015	Cass	Road	MN Highway 84	Bore
1016	Cass	Road	12th Avenue SW / County Road 43	Bore
1017	Crow Wing	Road	County Road 56	Bore
1017	Crow Wing	Road	Bulldozed Road	Open-Cut
1022	Cass	Road	4th Street NE	Open-Cut
1027	Cass	Road	County Forest Road	Open-Cut
1030	Cass	Road	County Road 160 / 8th Street NE	Open-Cut
1031	Cass	Road	County Road 160 / 8th Street NE	Open-Cut
1033	Cass	Road	Lake Washburn Road NE / County Road 48	Open-Cut
1033	Cass	Road	County Road 55	Open-Cut
1035	Cass	Road	County Road 155 NE	Bore
1037	Cass	Road	Lake Washburn Road NE / County Road 48	Bore
1038	Cass	Road	MN Highway 6	Bore
1045	Cass	Road	Pikus Forest Road NE	Bore
1050	Aitkin	Road	County Road 19	Bore
1052	Aitkin	Road	Osprey Avenue / County Road 29	Open-Cut
1059	Aitkin	Road	County Road 68	Open-Cut
1060	Aitkin	Road	U.S. Highway 169	Bore
1060	Aitkin	Road	525th Lane / UT-437	Bore

**Line 3 Replacement Project
Road and Railroad Crossing Table**

1062	Aitkin	Road	510th Lane	Bore
1063	Aitkin	Road	500th Lane	Bore
1065	Aitkin	Road	480th Street / County Road 3	Bore
1066	Aitkin	Road	340TH Place	Open-Cut
1067	Aitkin	Road	330th Avenue	Open-Cut
1070	Aitkin	Road	County Road 10 / Great River Road	HDD
1071	Aitkin	Road	County Road 5	Bore
1073	Aitkin	Road	270th Place	Open-Cut
1075	Aitkin	Road	Township Road 552	Open-Cut
1076	Aitkin	Road	Township Road 550	Open-Cut
1077	Aitkin	Road	240th Avenue / County Road 62	Open-Cut
1079	Aitkin	Road	240th Avenue / County Road 62	Open-Cut
1080	Aitkin	Road	230th Avenue / County Road 62	Open-Cut
1081	Aitkin	Road	440th Street	Open-Cut
1082	Aitkin	Road	430th Lane	Open-Cut
1082	Aitkin	Road	MN Highway 65	Bore
1084	Aitkin	Road	Simpson Road / County Road 73	Open-Cut
1086	Aitkin	Road	185th Place	HDD
1086	Aitkin	Railroad	Burlington Northern Santa Fe Railway	HDD
1086	Aitkin	Road	MN Highway 210	Bore
1093	Aitkin	Road	County Road 16	Bore
1094	Aitkin	Road	395th Lane	Open-Cut
1100	Carlton	Road	Sauvola Road	Open-Cut
1100	Carlton	Road	Erickson Road	Bore
1101	Carlton	Road	County Road 22	Bore
1105	Carlton	Road	MN Highway 73	Bore
1106	Carlton	Road	County Road 129	Bore
1109	Carlton	Road	Heikkila Road	Open-Cut
1110	Carlton	Road	County Road 135	Bore
1113	Carlton	Road	County Road 157	Open-Cut
1114	Carlton	Road	Aho Road	Open-Cut
1117	Carlton	Road	Strandberg Road	Open-Cut
1118	Carlton	Road	County Road 4	Bore
1119	Carlton	Road	County Road 61	Bore

**Line 3 Replacement Project
Road and Railroad Crossing Table**

1119	Carlton	Road	County Road 144 / Brandt Road	Bore
1122	Carlton	Road	Interstate 35	Bore
1122	Carlton	Road	Bromfield Road	Open-Cut
1125	Carlton	Road	County Road 5	Bore
1125	Carlton	Road	Nendick Road	Open-Cut
1126	Carlton	Road	Gillogly Road	Bore
1129	Carlton	Road	West Chub Lake Road	Bore
1130	Carlton	Road	East Chub Lake Road	Bore
1131	Carlton	Road	County Road 3	Bore
1131	Carlton	Road	Alcohol Road / County Road 101	Bore
1132	Carlton	Road	Thell Road / UT-356	Bore
1133	Carlton	Road	Matten Road	Open-Cut
1133	Carlton	Road	County Road 1	Bore
1134	Carlton	Road	Maere Road / Township Road 373	Bore
1134	Carlton	Road	Cemetery Road / Township Road 94	Bore
1135	Carlton	Road	Cemetery Road / Township Road 94	Bore
1136	Carlton	Road	Stroud Road / Township Road 385	Bore
1136	Carlton	Road	MN Highway 23	Bore
1137	Carlton	Railroad	Burlington Northern Santa Fe Railway	Bore