

VHB Scope of Work

9 Month Schedule

- Task 1: Project Management & Coordination
 - Kick-off meeting
 - 8 monthly progress meetings w/ DOT staff
- Task 2: Existing Conditions Inventory & Analysis
 - Summary of past planning efforts
 - St. Lawrence & Atlantic passenger rail service study
 - High level feasibility study (PACTS)
 - Assessment of 3 options:
 1. Restoration of rail service
 2. Rail with Trail (RWT) configuration
 3. Interim Trail after removal of rail infrastructure
 - Environmental due diligence



Berlin Sub-Division Corridor in Yarmouth

VHB Scope of Work

- Task 3: Conceptual Cost Estimates
 - Construction and maintenance costs for:
 1. Restoration of rail service
 2. Rail with Trail (RWT) configuration (gravel & paved)
 3. Interim Trail after removal of rail infrastructure (g & p)
- Task 4: Analysis of Economic Benefits (RKG)
 - 4A: Trail user demographics & land use character
 - 4B: Describe/analyze economic benefits (real estate, tourism, and jobs created)
 - 4C: Economic impact of rail option and trail option(s)
- Task 5: Project Stakeholder Meetings
 - Monthly mtgs w/ Rail Corridor Use Advisory Council
 - One public meeting (virtual)
- Task 6: Summary Report (*PDF only*)



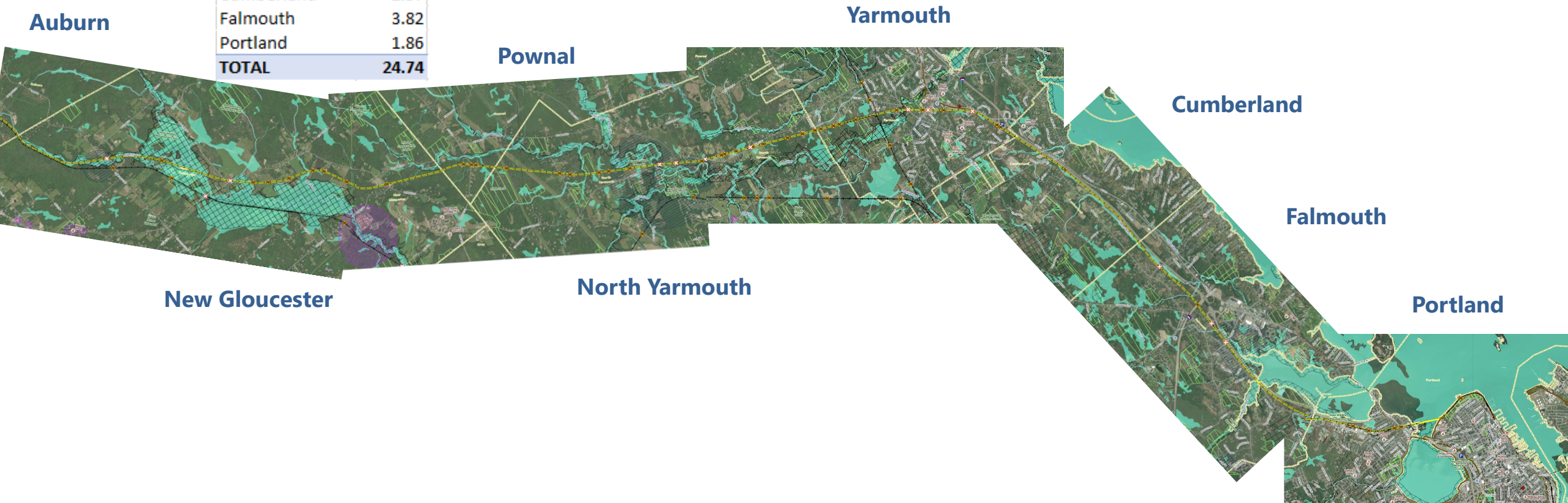
Berlin Sub-Division Bridge in Pownal

Rail Corridor Context

Berlin Subdivision Corridor Characteristics (for Cost Estimating)

Length

Town	Miles
Auburn	0.39
New Gloucester	6.93
Pownal	0.84
North Yarmouth	5.08
Yarmouth	3.25
Cumberland	2.57
Falmouth	3.82
Portland	1.86
TOTAL	24.74



Rail Corridor Context

Berlin Subdivision Corridor Characteristics (for Cost Estimating)

- Road crossings (48)

- Roadway types

Road Type	Number of Roads
Local Road	22
Private	23
State Road	3
Grand Total	48

- Signalized or not

Signalized Crossing	Total
No	37
Yes	11
Grand Total	48

objectid	federal_cr	asset_sys	display_co	state_owne	crossing_t	position_o	timetable_	intersecti	Road type	crossing_s	rail_seal	signalized	crossing_l	crossing_1	pvmnt_mark
1318	170831C	987809	RRXING-987809	Yes	Public	RR Under	2	I-295		None	None	No	None		
223	170855R	897433	RRXING-897433	Yes	Private	At Grade	14.41	Local Road	Local Road	Plank	None	No	16		
73	170849M	897427	RRXING-897427	Yes	By Agreement	At Grade	13.13	Local Road	Local Road	None	None	No	None		
74	170850G	897428	RRXING-897428	Yes	Deeded	At Grade	13.33	Local Road	Local Road	None	None	No	None		
220	170852V	897430	RRXING-897430	Yes	Private	At Grade	None	Local Road	Local Road	None	None	No	None		
228	170859T	897443	RRXING-897443	Yes	Public	At Grade	15.6	Bridge / North / A	Local Road	Asphalt	Rubber	Yes	117'	Fair	Yes
37	170836L	896073	RRXING-896073	Yes	Public	At Grade	5.55	Bucknam Road	Local Road	Asphalt	Rubber	Yes	54'	Good	Yes
229	943047A	897444	RRXING-897444	Yes	By Agreement	At Grade	16.06	Chandler Brook	Local Road	Plank	None	No	20'	Fair	None
65	170842P	897418	RRXING-897418	Yes	Public	At Grade	11.1	Cleaves Street	Local Road	Plank	None	No	20'	CRITICAL	Yes
232	170861U	897735	RRXING-897735	Yes	Public	At Grade	17.02	Cluff Road	Local Road	Plank	None	No	36'	CRITICAL	No
243	170873N	898029	RRXING-898029	Yes	Public	At Grade	24.43	Cobbs Road	Local Road	Plank	None	Yes	36'	CRITICAL	No
67	170845K	897421	RRXING-897421	Yes	Public	At Grade	11.65	Elm Street	Local Road	Asphalt	None	Yes	49'	Fair	Yes
62	170838A	896075	RRXING-896075	Yes	Public	At Grade	6.79	Johnson Road	Local Road	Asphalt	Rubber	No	33'	Good	Yes
36	170835E	896071	RRXING-896071	Yes	Public	At Grade	5.21	Lunt Road	Local Road	Asphalt	Chair Rails	Yes	55'	Poor	Yes
233	170862B	898015	RRXING-898015	Yes	Public	At Grade	17.18	Miliken Road	Local Road	Asphalt	None	No	28'	Fair	Yes
1081	170844D	923522	RRXING-923522	Yes	Public	At Grade	11.43	Mill St.	Local Road	Gravel	None	No	36'	Fair	No
1048	170854J	923803	RRXING-923803	Yes	Public	At Grade	14.17	North Rd. / Skillin	Local Road	Asphalt	None	Yes	110'	Fair	Yes
222	943042R	897432	RRXING-897432	Yes	Public	At Grade	13.06	Old Field Road	Local Road	Asphalt	Rubber	No	26'	Fair	Yes
64	170841H	896079	RRXING-896079	Yes	Public	At Grade	10.66	Portland Street	Local Road	Asphalt	None	Yes	44'	Fair	Yes
68	839759T	897422	RRXING-897422	Yes	Deeded	At Grade	11.84	Riverbend Drive	Local Road	Asphalt	Rubber	No	32'	Good	Yes
224	170856X	897434	RRXING-897434	Yes	Public	At Grade	14.89	Sawyers/North R	Local Road	Asphalt	None	Yes	86'	Fair	No
63	170840B	896077	RRXING-896077	Yes	Private	At Grade	10.14	State Garage	Local Road	Asphalt	None	No	24'	Good	No
1317	170832J	987806	RRXING-987806	Yes	Public	RR Under	2.1	VERANDA ST	Local Road	None	None	No	None		
225	NONE	897435	RRXING-897435	Yes	Private	At Grade	14.93	None	Private	Plank	None	No	16		
1184	None	949614	RRXING-949614	Yes	Private	At Grade	20.96	None	Private	Plank	None	No	16	Excellent	None
1451	None	1001538	RRXING-1001538	Yes	By Agreement	At Grade	10.19	None	Private	Plank	None	No	None	Excellent	None
69	NONE	897423	RRXING-897423	Yes	None	At Grade	None	None	Private	None	None	No	None		
71	170847Y	897425	RRXING-897425	Yes	Deeded	At Grade	None	None	Private	None	None	No	None		
219	170851N	897429	RRXING-897429	Yes	None	At Grade	None	None	Private	None	None	No	None		
221	170853C	897431	RRXING-897431	Yes	Deeded	At Grade	14.14	None	Private	None	None	No	None		
230	943048G	897733	RRXING-897733	Yes	None	At Grade	16.4	None	Private	Plank	None	No	16	CRITICAL	None
231	943049N	897734	RRXING-897734	Yes	Deeded	At Grade	16.55	None	Private	Plank	None	No	16	Good	None
234	170863H	898018	RRXING-898018	Yes	None	At Grade	None	None	Private	Plank	None	No	None	Poor	None
242	943053D	898028	RRXING-898028	Yes	Private	At Grade	None	None	Private	None	None	No	None		
1185	None	971653	RRXING-971653	No	Private	At Grade	14.61	Private	Private	Plank	None	No	16	Excellent	None
226	NONE	897439	RRXING-897439	Yes	By Agreement	At Grade	14.55	Private	Private	Plank	None	No	None		
239	170869Y	898024	RRXING-898024	Yes	Deeded	At Grade	21.85	Private	Private	Plank	None	No	None	Excellent	None
240	170870T	898025	RRXING-898025	Yes	Private	At Grade	22.1	Private	Private	Plank	None	No	None	CRITICAL	None
70	170846S	897424	RRXING-897424	Yes	Deeded	At Grade	12.74	PRIVATE	Private	Plank	None	No	None		
235	943051P	898019	RRXING-898019	Yes	None	At Grade	18.73	Private	Private	Plank	None	No	20	Good	None
236	170866D	898020	RRXING-898020	Yes	Deeded	At Grade	20.57	Private	Private	Plank	None	No	None	CRITICAL	None
237	170867K	898022	RRXING-898022	Yes	Deeded	At Grade	21.13	Private	Private	Plank	None	No	16	Excellent	None
238	170868S	898023	RRXING-898023	Yes	Deeded	At Grade	21.52	Private	Private	Plank	None	No	16	Excellent	None
1462	943050H	898017	RRXING-898017	Yes	By Agreement	At Grade	18.01	private	Private	Plank	None	No	8	Good	None
34	NONE	896067	RRXING-896067	Yes	Private	At Grade	2.46	Private?	Private	Asphalt	None	No	None		
35	170833R	896069	RRXING-896069	Yes	Deeded	At Grade	2.78	RenderingCompe	Private	Asphalt	None	No	23'	Fair	No
227	170857E	897442	RRXING-897442	Yes	Public	At Grade	15.33	Dunns Rd / RT 9 /	State Road	Asphalt	Rubber	Yes	31'	Fair	Yes
241	170871A	898026	RRXING-898026	Yes	Public	At Grade	22.48	Interval Rd / Rt. 2	State Road	Asphalt	Rubber	Yes	45'	Poor	Yes
1460	170843W	897420	RRXING-897420	Yes	Public	At Grade	11.35	Main Street	State Road	Asphalt	Rubber	Yes	73'	Fair	Yes

Rail Corridor Context

Berlin Subdivision Corridor Characteristics (for Cost Estimating)

- Road crossings (48)
- Roadway types

Road Type	Number of Roads
Local Road	22
Private	23
State Road	3
Grand Total	48

Bridge Name	Max Span	Length	Design Main	Material
BERLIN #04.50	85	324	02 - Stringer/Multi-beam or Girder	3 - Steel
BERLIN #11.66	125	129	10 - Truss - Thru	3 - Steel
BERLIN #15.70	110	114	10 - Truss - Thru	3 - Steel
BERLIN #16.70	16	17	02 - Stringer/Multi-beam or Girder	3 - Steel
BERLIN #21.80	14	15	02 - Stringer/Multi-beam or Girder	3 - Steel
BERLIN #22.90	23	24	02 - Stringer/Multi-beam or Girder	3 - Steel
BERLIN #23.90	64	67	03 - Girder and Floorbeam System	3 - Steel
BERLIN #24.40	64	67	03 - Girder and Floorbeam System	3 - Steel
BERLIN #24.90	63	65	03 - Girder and Floorbeam System	3 - Steel

- Signalized or not

Signalized Crossing	Total
No	37
Yes	11
Grand Total	48

- Bridges (9)

Superstructure Condition Rating	Substructure Rating
5 - Fair Condition (minor section loss)	5 - Fair Condition (minor section loss)
4 - Poor Condition (advanced deterioration)	5 - Fair Condition (minor section loss)
5 - Fair Condition (minor section loss)	6 - Satisfactory Condition (minor deterioration)
6 - Satisfactory Condition (minor deterioration)	5 - Fair Condition (minor section loss)
6 - Satisfactory Condition (minor deterioration)	5 - Fair Condition (minor section loss)
5 - Fair Condition (minor section loss)	5 - Fair Condition (minor section loss)
4 - Poor Condition (advanced deterioration)	4 - Poor Condition (advanced deterioration)
5 - Fair Condition (minor section loss)	6 - Satisfactory Condition (minor deterioration)
5 - Fair Condition (minor section loss)	6 - Satisfactory Condition (minor deterioration)