

VTrans General Fund Bridge Program
Senate Transportation Committee

General Fund Bridge Program Handout

What: When congress passed the Infrastructure Investment and Jobs Act (IIJA), they established a General Fund Bridge Program that includes a provision which makes a portion of the funding eligible for 100% federal monies for off-system bridges.

Definition: An off-system bridge is defined as one that is on a roadway which is not eligible for federal funding, a non-federal aid highway. In Vermont, these are typically roads that are owned and maintained by a municipality.

General Fund Bridge Program Handout

How Much: VTrans proposes to invest over \$80 million of the General Fund Bridge Program funds into the construction phase of off-system bridges over the 5-year period of the IIJA. While the construction phase of the projects would be funded at 100% federal, the engineering and right-of-way phases of the project will continue to be funded at an 80% federal, 10% state and 10% town match.

General Fund Bridge Program Handout

How: There are two different categories of bridges that VTrans plans to fund at 100% federal for the construction phase as part of this program:

Existing Capital Program Projects: As part of the annual VTrans Capital Program that is approved by the legislature, there are currently fifteen (15) projects that would be have the construction phase of the project funded at 100% federal. These projects have begun the engineering phase and have previously been identified as priorities to advance in the Capital Program. (See attached list).

General Fund Bridge Program Handout

Historic Bridges: Covered bridges and metal trusses are important structures that are woven into the history of communities around the state. These bridges are typically on lower volume local, non-federal aid roads and in periods of tighter fiscal constraints, do not make the cut for funding of necessary improvements. This program provides an opportunity to invest in these important structures. This program will see investment in nineteen (19) historic bridges; ten (10) covered bridges and nine (9) metal trusses. (See attached list). These projects would be included in the FY'23 Capital Program and would begin the engineering phase in the coming year.

General Fund Bridge Program Handout

Summary: In total, there are 34 bridge projects in 31 communities around the state that would see the town match of the construction phase of the projects reduced to 0%. This is estimated to save these communities a total of approximately \$8 million dollars in town match

General Fund Bridge Program Projects

Existing Capital Program Projects					
Town	County	Route	Bridge No.	Project Number	Construction Estimate
Chester	Windsor	TH18	62	BO 1442(39)	\$1,894,200
Clarendon	Rutland	TH39	28	BO 1443(55)	\$2,340,520
Fairfield	Franklin	TH29	49	BO 1448(46)	\$2,025,000
Hartford	Windsor	TH6	7	BO 1444(60)	\$14,400,000
Jamaica	Windham	TH19	32	BO 1442(42)	\$3,321,000
Ludlow	Windsor	TH324	57	BO1443(52)	\$1,300,000
Mt. Holly	Rutland	TH17	64	BO 1443(56)	\$1,670,000
Poultney	Rutland	TH6	7	BO 1443(53)	\$3,440,823
Rockingham	Windham	TH448	53	BO 1442(41)	\$5,254,106
Salisbury - Cornwall	Addison	TH1	8	BO 1459(39)	\$2,500,000
Stockbridge	Windsor	TH2	35	BO 1444(61)	\$3,700,000
Stowe	Lamoille	TH43	51	BO 1446(37)	\$1,476,000
Stowe	Lamoille	TH43	48	BO 1446(39)	\$1,476,000
Waterbury	Washington	TH2	36	BO 1446(40)	\$3,120,000
Wolcott	Lamoille	TH3	6	BO 1446(38)	\$5,300,000
				Subtotal	\$53,217,649

General Fund Bridge Program Projects

Covered Bridges					
Town		Route	Bridge No.	Structure Number	Conceptual Estimate
Belvidere	Lamoille	TH3	12	100801001208011	\$1,013,880
Charlotte	Chittenden	TH9	27	100404002704041	\$595,320
Chelsea	Orange	TH68	46	100904004609041	\$1,054,080
Hartland	Windsor	TH15	22	101409002214091	\$2,520,000
Lyndon	Caledonia	TH58	33	100307003303071	\$1,382,760
Northfield	Washington	TH3	10	101213001012131	\$920,160
Northfield	Washington	TH3	11	101213001112131	\$1,064,880
Northfield	Washington	TH3	15	101213001512131	\$2,618,760
Troy	Orleans	TH12	8	101017000810171	\$1,322,400
Weathersfield	Windsor	TH65	83	101420008314201	\$1,166,400
				Subtotal	\$13,658,640
Metal Truss Bridges					
Town		Route	Bridge No.	Structure Number	Conceptual Estimate
Berlin	Washington	TH61	27	101203002712031	\$1,585,980
Bridgewater	Windsor	TH34	26	101405002614051	\$1,604,490
Enosburg	Franklin	TH42	45	100603004506031	\$610,060
Lincoln	Addison	TH6	46	100110004601101	\$1,982,200
Moretown	Washington	TH39	42	101212004212121	\$1,368,840
Newfane	Windham	TH26	49	101312004913121	\$2,354,660
Northfield	Washington	TH57	65	101213006512131	\$1,601,600
Royalton	Windsor	TH6	30	101416003014161	\$3,176,250
Sheldon	Franklin	TH22	20	100614002006141	\$1,082,400
				Subtotal	\$15,366,480

Definitions

- Long Structures – Greater than 20' in span length. Federal definition of a bridge. May include culverts.
- Short Structure – Structures 6' – 20' in span length. May include culverts.
- Large Culvert – A hydraulic buried structure greater than 6' that is intended to move water.
- Small Culvert - A hydraulic buried structure less than 6' that is intended to move water.

Network Numbers

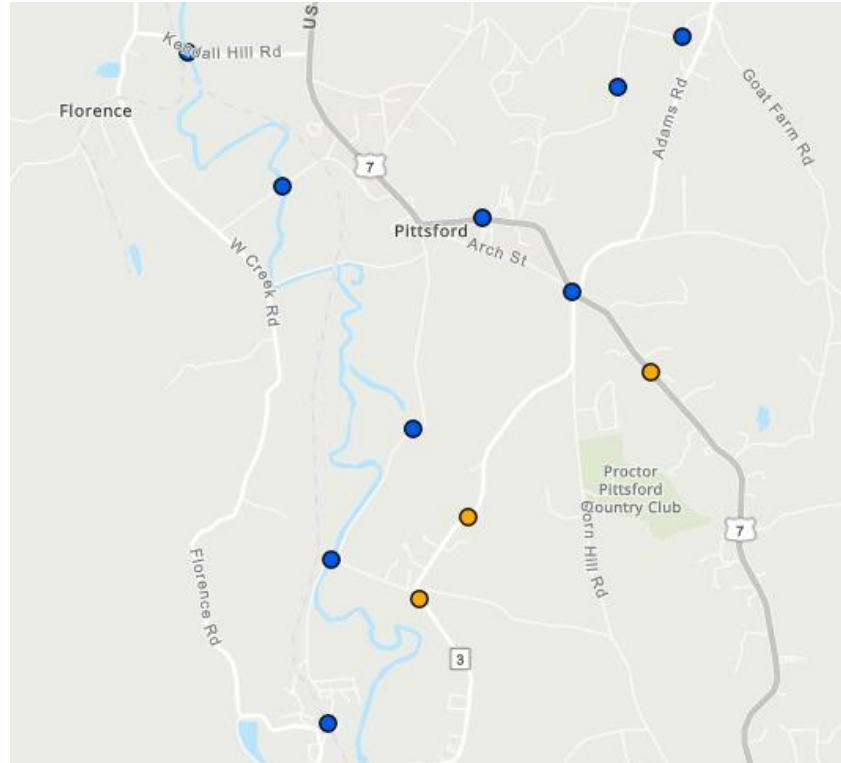
Structure Type	Interstate	State Highway	Town Highway	Other	Total
Long Structures	314	811	1667	7	2799
Short Structures	204	1059	*	*	1263
Total	518	1870	1667	7	4062

Off System Numbers

- 1667 Municipal Bridges
 - 310 On System Bridges
 - 1357 Off System Bridges
- 18.2% of all bridge are Off System Bridges – by deck area
- 3.7% of entire bridge network is in poor condition – by deck area
 - 18.3% of the poor bridges are off system – by deck area
 - Approximately 50% of the off system poor bridges are included in this program
- Municipal Bridge Traffic
 - On System Bridges average traffic: 2,975 per day, average truck traffic: 171 per day
 - Off System Bridges average traffic: 282 per day, average truck traffic: 8 per day

VTransparency

<https://vtransparency.vermont.gov/>



<i>STRUCTURE INSPECTION, INVENTORY and APPRAISAL SE</i>	
<i>Vermont Agency of Transportation - Structures Section - Bridge Management and In</i>	
<i>Inspection Report for: PITTSFORD</i>	<i>Bridge No.: 00012</i>
<i>Located on: TR 02 over OTTER CREEK</i>	<i>approximately 0.7 MI W JCT U.S.7</i>

<i>CONDITION</i>	
<i>Deck Rating: 6</i>	<i>SATISFACTORY</i>
<i>Superstructure Rating: 6</i>	<i>SATISFACTORY</i>
<i>Substructure Rating: 5</i>	<i>FAIR</i>
<i>Channel Rating: 6</i>	<i>SATISFACTORY</i>
<i>Culvert Rating: N</i>	<i>NOT APPLICABLE</i>
<i>Federal Str. Number: 200155001211162</i>	
<i>Federal Sufficiency Rating: 49.9</i>	
<i>Deficiency Status of Structure: ND</i>	

<i>STRUCTURE TYPE and MATERIALS</i>	
<i>Bridge Type: 4 SPAN ROLLED BEAM</i>	
<i>Number of Approach Spans: 0000</i>	<i>Nun</i>
<i>Kind of Material and/or Design: 3</i>	<i>STEEL</i>
<i>Deck Structure Type: 1</i>	<i>CONCRETE CL</i>
<i>Type of Wearing Surface: 0</i>	<i>NOT APPLI</i>
<i>Type of Membrane: 0</i>	<i>NONE</i>
<i>Deck Protection: 0</i>	<i>NONE</i>

Questions?

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