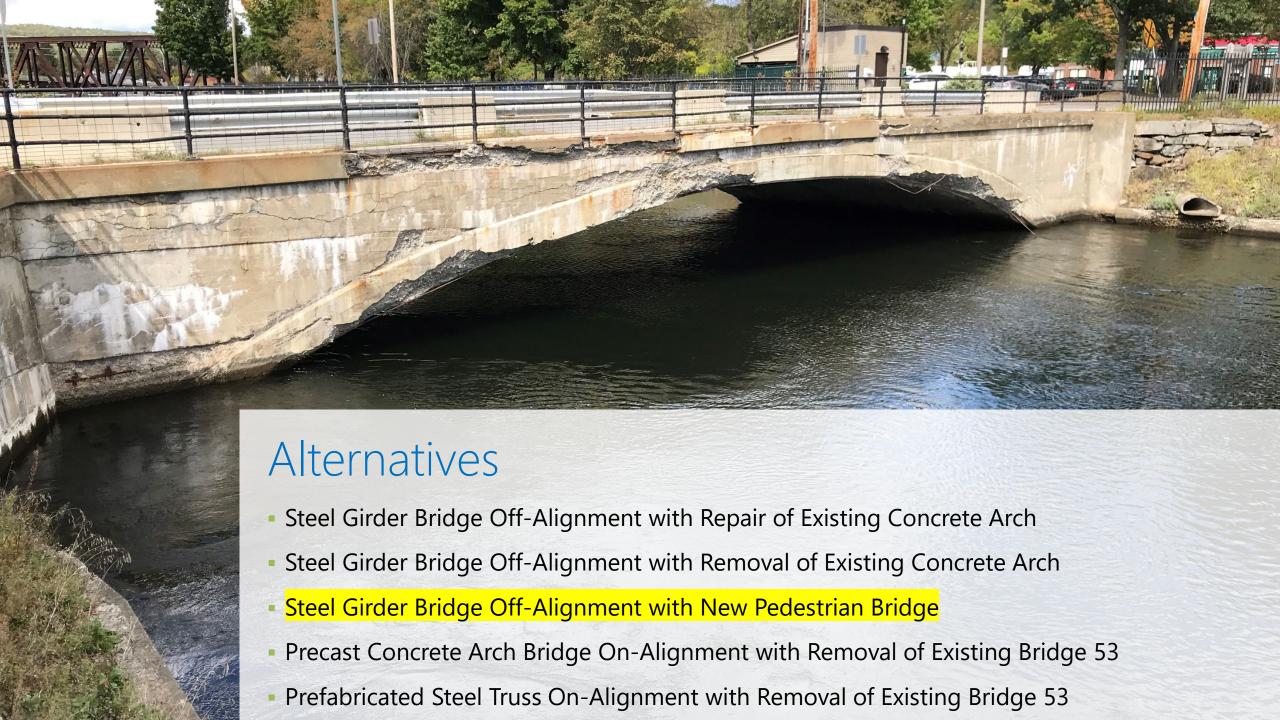


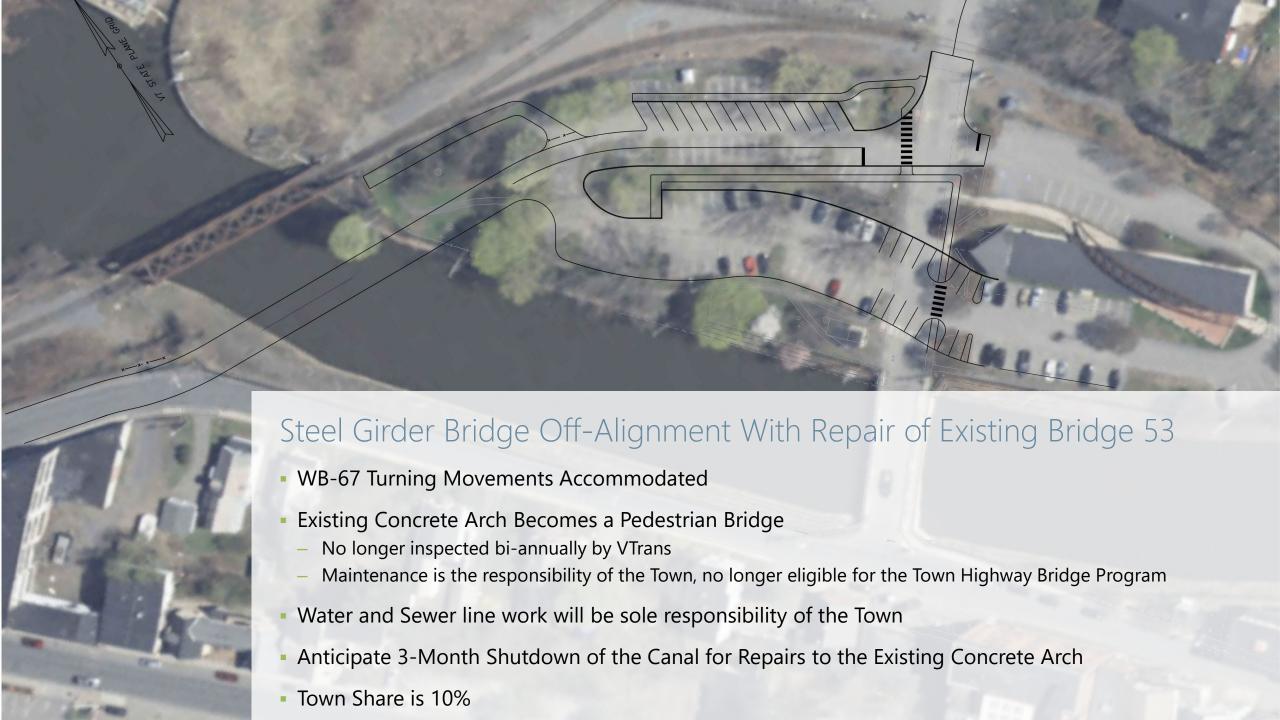
Meeting with you today





Jon Griffin, PE VTrans, Project Manager Scott Burbank, PE VHB, Project Manager



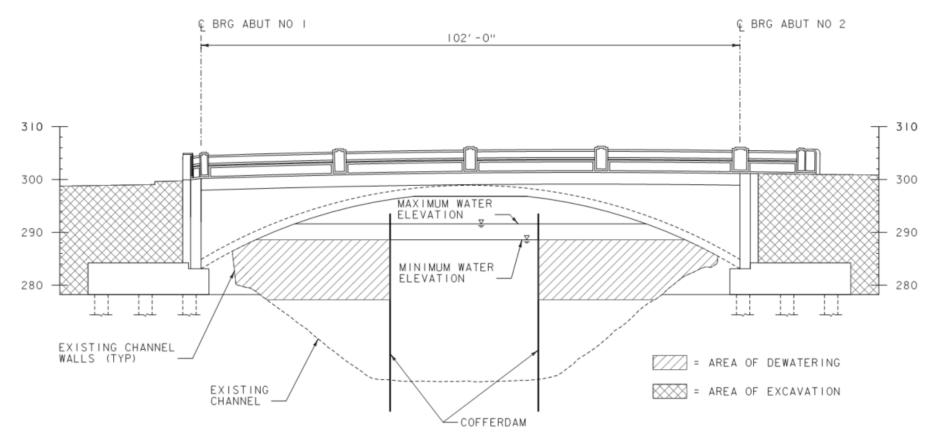






Precast Concrete Arch Bridge On-Alignment with Removal of Existing Bridge 53

- WB-67 Turning Movements Accommodated, but Impact Sidewalk and Opposing Lane
- Existing Concrete Arch Removed No Future Town Maintenance
- Water and Sewer line work will be considered Project Eligible
- Anticipate 8-Month Shutdown for Removal of Existing Arch and Construction of Precast Concrete Arch
- Town Share is 5%





Steel Girder Bridge Off-Alignment With Removal of Existing Bridge 53

- WB-67 Turning Movements Accommodated, but Impact Sidewalk and Opposing Lane
- Existing Concrete Arch Removed No Future Town Maintenance
- Relocation of Water and Sewer line work will be considered Project Eligible
- Anticipate 1-Month Shutdown for Removal of Existing Arch and Construction of Steel Truss
- Town Share is 5%

Alternatives Cost Analysis

	New Bridge Off	New Bridge Off	New Bridge Off		
	Alignment (Repair	Alignment (Remove	Alignment (New	Concrete Arch	Steel Truss
	Existing)	Existing)	Ped Bridge)		
Bridge Length	180 ft	180 ft	180 ft	102 ft	115 ft
Bridge Width	38 ft	38 ft	33 ft	42 ft	44 ft
Cost					
New Bridge	\$2,872,720.00	\$3,307,980.00	\$2,872,720.00	\$1,521,500.00	\$1,575,000.00
Repair of Existing Bridge	\$615,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Removal of Existing Bridge	\$0.00	\$401,700.00	\$401,700.00	\$401,700.00	\$401,700.00
Ped Bridge	\$0.00	\$0.00	\$597,450.00	\$0.00	\$0.00
Roadway	\$350,000.00	\$350,000.00	\$350,000.00	\$250,000.00	\$250,000.00
Maintenance of Traffic	\$54,300.00	\$54,300.00	\$54,300.00	\$75,000.00	\$75,000.00
Cofferdam	\$0.00	\$0.00	\$0.00	\$2,128,000.00	\$0.00
Aerial Utilities	\$400,000.00	\$1,000,000.00	\$1,000,000.00	\$600,000.00	\$600,000.00
Water Line	\$164,000.00	\$164,000.00	\$64,200.00	\$64,200.00	\$64,200.00
Sewer Line	\$166,500.00	\$166,500.00	\$37,500.00	\$166,500.00	\$166,500.00
Subtotal:	\$4,622,520.00	\$5,444,480.00	\$5,377,870.00	\$5,206,900.00	\$3,132,400.00
Construction Contingency (20% of Subtota	\$924,504.00	\$1,088,896.00	\$1,075,574.00	\$1,041,380.00	\$626,480.00
Construction Cost	\$5,547,024.00	\$6,533,376.00	\$6,453,444.00	\$6,248,280.00	\$3,758,880.00
Environmental Site Assessment (ESA)	\$63,717.00	\$63,717.00	\$63,717.00	\$0.00	\$0.00
Engineering Cost (10% of Const. Cost)	\$554,702.40	\$653,337.60	\$645,344.40	\$624,828.00	\$375,888.00
ROW	\$75,000.00	\$100,000.00	\$100,000.00	\$200,000.00	\$200,000.00
Total (Const. & Eng., Excl. Soils & Canal Impa	\$6,240,500.00	\$7,350,500.00	\$7,262,600.00	\$7,073,200.00	\$4,334,800.00
Canal Construction Time	2	1	1.5		940
Estimated Min. Power Dam Impacts	3 \$600,000.00	1 \$200,000.00	1.5 \$300,000.00	8 \$1,600,000.00	1 \$200,000.00
Estimated Max. Power Dam Impacts	\$1,800,000.00	\$600,000.00	\$900,000.00	\$4,800,000.00	\$600,000.00
Scarcity Event	9	3	4.5	24	3
Assume 1 per Month for 3 Hours Each	\$1,080,000.00	\$360,000.00	\$540,000.00	\$2,880,000.00	\$360,000.00
Project Cost w/ Power Dam Costs					
Estimated Min. Project Cost	\$7,920,500.00	\$7,910,500.00	\$8,102,600.00	\$11,553,200.00	\$4,894,800.00
Estimated Max. Project Cost	\$9,120,500.00	\$8,310,500.00	\$8,702,600.00	\$14,753,200.00	\$5,294,800.00
Contaminated Soils (Town Only)	\$210,000.00	\$370,000.00	\$370,000.00	\$240,000.00	\$210,000.00
Town Contribution	10%	10%	10%	5%	5%
Estimated Town Share (Lower Range)	\$1,358,990.00	\$1,161,050.00	\$1,180,260.00	\$817,660.00	\$454,740.00
Estimated Town Share (Upper Range)	\$1,478,990.00	\$1,201,050.00	\$1,240,260.00	\$977,660.00	\$474,740.00

