Appendix C

CONCEPTUAL

Conceptual Cost Estimate

Pre-Design Estimate of Potential Project Cost

Bridge Replacement

Costs are reflective of current 2019 bid pricing

Waterville-Winslow	, Ticonic Bi	ridge #2854	WIN:	23138.00			
Superstructure Ren	lacement v	vith Arch R	emoval				
		FSTIMΔT	FD RV	HNTB			
	LOTHNIA		March 31,				
		2020					
Deck Area - 44,173	Ji , Flali Al	ea of Alch	Kemovai –			2020	
UCTURE	44,175	SF	×	\$285.00	=	\$12,590,000	
ITS			×	\$1,500,000.00		\$3,000,000	
	1	EA	×	\$1,850,000.00		\$1,850,000	
CTION	1	LS	×	\$5,000,000.00		\$5,000,000	
XISTING GIRDER	1	LS	×	\$1,250,000.00	=	\$1,250,000	
XISTING ARCH	1	LS	×	\$2,000,000.00	=	\$2,000,000	
ONTROL	1	LS	×	\$600,000.00	=	\$600,000	
MISCELLANEOUS (TCP'S, FIELD OFFICE, ETC.) 10%						\$2,629,000	
MOBILIZATION 10%							
						,	
				STRUCTURE SUBTOTAL	=	\$35,500,000	
	ı .	1		4		1 4000 000	
	1	LS	×	·		\$830,000	
MOBILIZATION 10%							
APPROACHES SURTOTAL							
						\$1,000,000	
TOTAL CONSTRUCTION COST							
			TOTAL (CONSTRUCTION COST	=	\$36,500,000	
			TOTAL (CONSTRUCTION COST	=	ψου,σου,σου	
ARY ENGINEERING			TOTAL (CONSTRUCTION COST	=	\$485,000	
ARY ENGINEERING WAY			TOTAL (
	G		TOTAL (=	\$485,000	
WAY	G		TOTAL	1%	= =	\$485,000 \$15,000	
WAY	G		TOTAL O	1%	= = =	\$485,000 \$15,000 \$3,500,000	
	Superstructure Rep Conventional Const sidewalks Deck Area = 44,175 UCTURE ITS CTION EXISTING GIRDER EXISTING ARCH ONTROL ENCIES NEOUS (TCP'S, FIELD TION HES NEOUS	Superstructure Replacement v Conventional Constr, 4 lane br sidewalks Deck Area = 44,175 SF, Plan Ar UCTURE 44,175 ITS 2 CTION 1 EXISTING GIRDER 1 EXISTING ARCH 1 ONTROL 1 ENCIES NEOUS (TCP'S, FIELD OFFICE, E TION HES 1 NEOUS	Superstructure Replacement with Arch R Conventional Constr, 4 lane bridge, shlds sidewalks Deck Area = 44,175 SF, Plan Area of Arch UCTURE	Deck Area = 44,175 SF, Plan Area of Arch Removal =	Superstructure Replacement with Arch Removal Conventional Constr, 4 lane bridge, shlds, 2 Sidewalks	Superstructure Replacement with Arch Removal Conventional Constr, 4 lane bridge, shlds, 2 Sidewalks DATE:	

	Funding Year								
	2020	2021		2022	2023	2024	2025	2026	Total
Preliminary Engineering (PE)	\$161,651	\$161,651	\$	161,699					\$ 485,000
Right of Way Acquisition (ROW)	\$ 5,000	\$ 5,000	\$	5,001					\$ 15,000
Construction			\$	7,300,000	\$ 7,300,000	\$7,300,000	\$ 7,300,000	\$ 7,300,000	\$ 36,500,000
Construction Engineering (CE)			\$	700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 3,500,000
Project TOTALs	\$166,650	\$166,650	\$	8,166,700	\$8,000,000	\$8,000,000	\$8,000,000	\$8,000,000	\$40,500,000