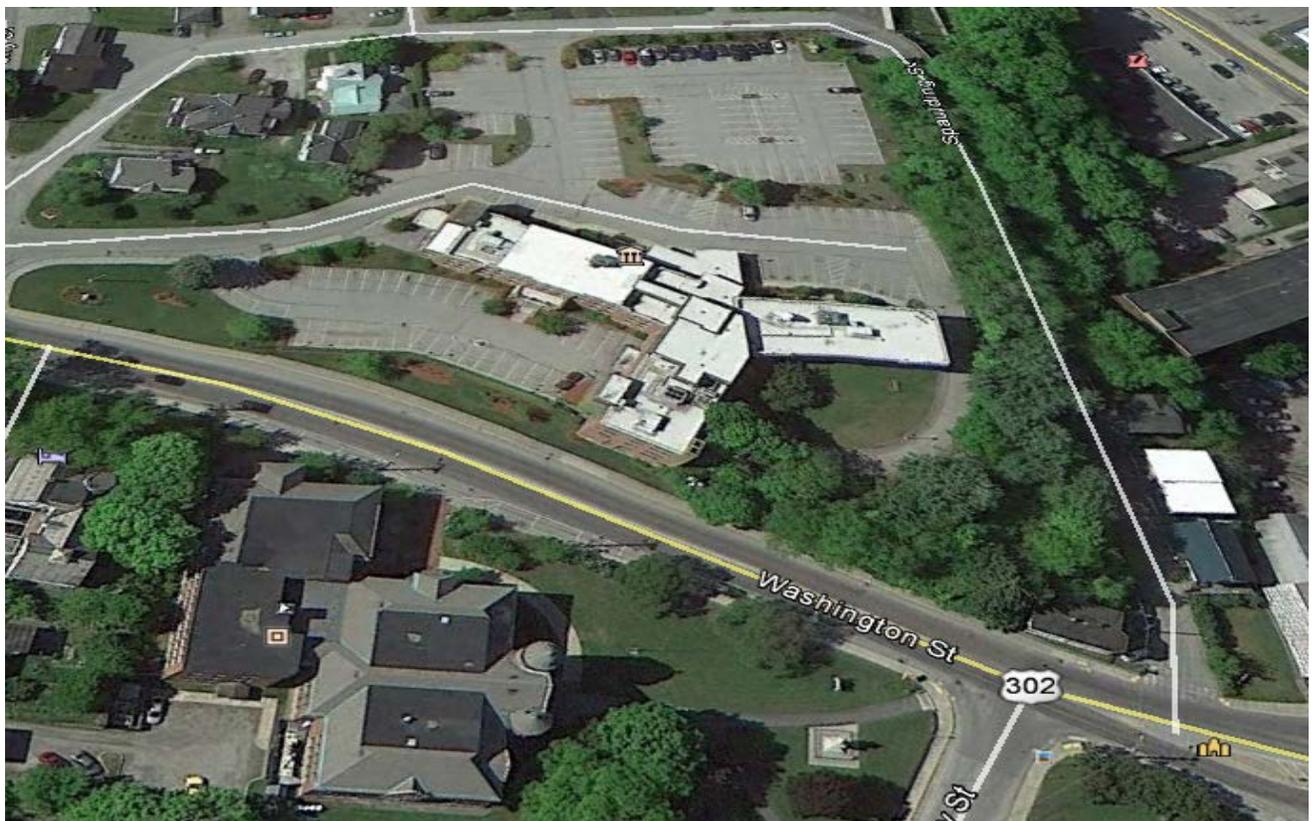
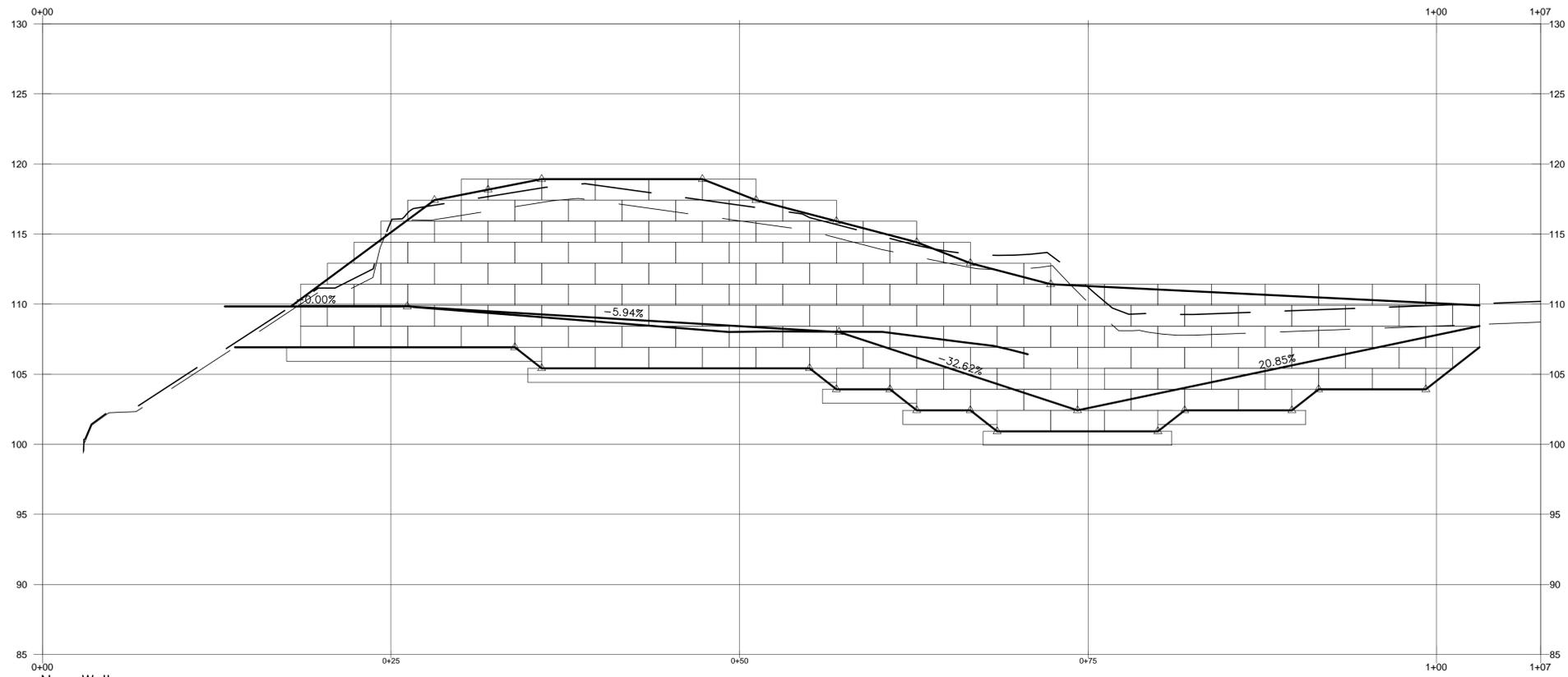


**RETAINING WALL
WASHINGTON ST. / SPAULDING ST.
BARRE, VERMONT**

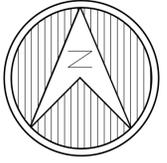
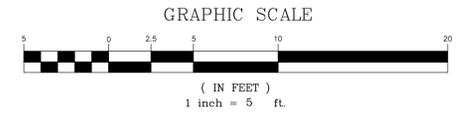
- Granite Retaining Wall between properties located at corner of Spaulding St. and Washington St. has failed.
- Wall appears to be located on property abutting the McFarland State Office Building.
- Two concrete buttresses are currently helping to keep the wall from collapsing.
- Wall is inches from southwest corner of house porch.
- Holes have formed behind the wall enabling water to enter and exacerbate failure.
- Numerous trees need to be removed from behind the wall.
- Erosion is also occurring along State property on Spaulding St. in Right-of-Way.



S:\jobfiles\13280 Spaulding St Retaining Wall\Civil\dwg\13280-sp.dwg 22 Jan 2014 10:01 AM D:\roshingham



New Wall
 Horiz Scale: 1" = 5'
 Vert Scale: 1" = 5'



NO.	DATE	REVISION
1		
2		
3		
4		
5		

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Dewolfe
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RETAINING WALL
 2 SPAULDING STREET
 BARRE, VT
 STATE OF VERMONT

SHEET DESCRIPTION	
SITE PLAN	
PROJECT NO.	DATE
13280	10 DEC 13
SCALE	C1.01
1" = 5'	
DRAWN	
DLF	CHECKED
	SHEET
	SHEET 1 OF 2

Engineer's Opinion of Probable Construction Cost

Prepared by DeWolfe Engineering Associates, Inc.

JOB DATA:

Project #: 13280
 Project: Spaulding Street Retaining Wall
 Description: New Redi-Rock Retaining Wall
 Engineer: DLF
 Check By: RSD
 Date: 22-Jan-14
 Location: Barre, Vermont

VAOT Item #	Item Description	Unit	\$	Est. Qty	Total
Earthwork					
203.15	Common Excavation	C.Y.	\$15.00	900.00	\$13,500
203.16	Rock Excavation	C.Y.	\$100.00	58.00	\$5,800
Materials					
204.30	Granular Backfill for Structures	C.Y.	\$34.66	830.00	\$28,768
649.11	Geotextile for Roadbed Separator	S.Y.	\$1.01	365.00	\$369
406.25	Bituminous Concrete Pavement	TON	\$200.00	1.00	\$200
Established Turf					
651.15	seed	LB	\$10.15	5.50	\$56
651.25	mulch	TON	\$607.56	0.14	\$85
651.18	fertilizer	LB	\$2.71	35.00	\$95
651.35	topsoil	C.Y.	\$26.98	57.00	\$1,538
653.20	Temporary erosion matting	S.Y.	\$2.24	365.00	\$818
Incidentals					
-	Modular Blocks (delivered)	L.S.	\$19,000.00	1.00	\$19,000
-	Traffic Control	L.S.	\$5,000.00	1.00	\$5,000
-	Wall installation Equipment Rental	Day	\$750.00	10.00	\$7,500
Subtotal					\$82,728
Geotechnical Testing & Analysis					\$4,000
15% Contingency					\$12,409
15% Engineering					\$12,409
2% Construction Testing					\$1,655
Total Estimated Construction Cost					\$113,200