

Work Order# 23342 Damage # 116333SITE INSPECTION REPORT
FACILITY DESCRIPTIONCATEGORY D - Irrigation Facilities/
Levees/Coastal Shoreline Protection Devices

Applicant:	FIPS#:	Applicant Representative:	Site Inspector:
Bartlett, Town of	003-03700-00	Gene Chandler	Dan Dachroeden
Applicant Address:	City:	State:	Zip Code:
56 Town Hall Road	Intervale	NH	03845
			Site Inspection Date:
			8/28/18

GPS Start:	LAT	LONG
	2 sites	

Date Damaged
10/30/17

GPS End:	LAT	LONG

Year Built
various

Physical Location/Address:	Rocky Branch / Saco
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Type:	Coastal Protection	Irrigation Facility	Levee	berm/dykes
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Legal Responsibility?
☒ Yes ☐ No

Purpose:	Flood Control	Navigation	Water Supply	Hydropower
	Recreation	Other (Specify):		

Material:	Earthen	Concrete
	Other (Specify): various (rock, armoring)	

Dimensions (Length, Top Width, Bottom Width, Height):

Facility Description: (Pre-disaster design, function, capacity, and dimensions)	Sketch / Notes
Facility Description Only (Capture Damages on Next Page)	
- App. states river channel changed in event. Sandy debris/rock built up on upstream/downstream side of bridge. (Rocky Branch) - "silt & rock" deposited. - flood can close 302 and shut out emerg. vehicles.	

Applicant Representative Signature Gene Chandler

Facility Component Damages						
Site #	Damage Component Material/Model/Type/Capacity	Location (Address, GPS, begin / end if applicable)	Cause of Damage	Damage Dimensions (L x W x D / L x Dia)	Quantity & Units	% Work Completed
SECT. 1 Rocky	16 4' x 6' rip rap on North side	44.10331, -71.19984 44.10354, -71.20022	1 (ripping)	130 FT x 4 FT W x 4 FT D Avg	154.07 CY	0%
	Method of Repair Notes & Comments (will there be any change in in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) washed out. Will repair in kind.					
SECT. 1	Levee (Berm) 2' to 3' rip rap	44.10363, -71.20037 44.10416, -71.20145	" "	360 FT x 5 FT W x 3 FT D Avg	200 CY	0%
	Method of Repair Notes & Comments (will there be any change in in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) washed out in sporadic spots. Estimated 10 kals. Will repair in kind					
SECT. 2	cobble deposited in river	44.10324, -71.20037 44.10531, -71.20576	" "	1,727 FT x 50 FT W x 5 FT D Avg	15,990 CY	0%
	Method of Repair Notes & Comments (will there be any change in in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) cobble deposited during event, accord. to Applicant. Will re-use some for berm, and crush/reset rest.					
SECT. 2	3' minus fractured rock stone wall (north side) (1950s built)	44.10287, -71.19781 44.10303, -71.19557	" "	30 FT x 4 FT W x 1.5 FT D = 1333 95 FT x 4 FT W x 1.5 FT D = 21,111 43 FT x 8 FT W x 1.5 FT D = 19,111	10191 53,55 CY	0%
	Method of Repair Notes & Comments (will there be any change in in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) App. states stone wall washed out in event. Will replace in kind.					
Component Types:			Cause of Damage:			
1-Surface 2-Base 3-Sub Base 4-Shoulder 5-Ditch 6-Striping 7-Embankment 8-Sidewalk 9-Curb 10-Median 11-Guardrail 12-Lighting 13-Signage 14-Culvert 15-Wall 16-Armor 17-Other (specify)			1-Surface Water Flooding 2-Wind Driven Rain 3-Sewer Back Up 4-Foundation Seepage 5-Lightning 6-High Winds 7-Tree Damage 8-Wind Blown Debris 9-Earthquake 10-Fire 11-Explosion 12-Other (specify)			

Applicant Representative Initials: gpc

Work Order # _____ Damage # _____

Category BRead/bow Water Crossing
6000/6000

Facility Component Damages

Site #	Damage Component Material/Model/Type/Capacity	Location (Address, GPS, begin / end if applicable)	Cause of Damage	Damage Dimensions (L x W x D / L x Dia)	Quantity & Units	Contract #	% Work Completed
Sec 1, 2	cobble deposited in river (and sand)	44.08358-71.28537 to 44.08265-71.28680	1. (River loading)	Avg. 550 FT L X 60 FT W X 4 FT D	4,880 CY	C	0%
Method of Repair Notes & Comments (will there be any change in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) Deposited in river during event, changing its course, will re-use to reform berm, and crush/self rest.							
Sec 1, 2	Slope/embankment not stabilized/rock	44.08365-71.28488 44.08374-71.28436	" "	150 FT L X 10 FT W X 2 FT D	111.11 CY	C	0%
Method of Repair Notes & Comments (will there be any change in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) Washed out during event according to applicant. Will replace to stabilize and prevent further sloughing.							
Sec 1, 2	Sand beach	" "	" "	Avg. 150 FT L X 50 FT W X 3 FT D	833.33 CY	C	0%
Method of Repair Notes & Comments (will there be any change in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) App. stakes washed out public use beach. Will replace in kind.							
Sec 1, 3	2' to 3' rip rap on slope (2:1)	44.08326-71.31184 to 44.08255-71.30915	" "	Avg. 580 FT L X 10 FT W X 2.5 FT D	537 CY	C	0%
Method of Repair Notes & Comments (will there be any change in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) App. stakes washed out during event. Will replace in kind to prevent further erosion.							
Component Types:							
Cause of Damage:			1-Surface Water Flooding 2-Wind Driven Rain 3-Sewer Back Up 4-Foundation Seepage 5-Lightning 6-High Winds 7-Tree Damage 8-Wind Blown Debris 9-Earthquake 10-Fire 11-Explosion 12-Other (Specify)				

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Facility Component Damages

Site #	Damage Component		Location (Address, GPS, begin / end if applicable)	Cause of Damage	Damage Dimensions (L x W x D / L x Dia)	Quantity & Units	Contract, or Both	% Work Completed
	Material/Model/Type/Capacity							
3	6' rip rap (large) from slope	44.08238 -71.31089	1, (river flooding)	6' boulders (most likely)	2	C	0%	
3	Method of Repair Notes & Comments (will there be any change in in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) App. States washed into river during event. Can't reclaim, wants to replace.							
4	berm/levee built from river cobble	44.08243, -71.30846 10	" "	1, 218 ft L x 22 ft W x 10 ft H	3218 CY	C	0%	
4	Method of Repair Notes & Comments (will there be any change in in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done) Built in 60s. App will try to pull cobble from river to repair.							
	Method of Repair Notes & Comments (will there be any change in in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done)							
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	Method of Repair Notes & Comments (will there be any change in in pre-disaster design, size, capacity or material type, what work has been completed vs what work remains to be done)							
Component Types: 1-Embankment 2-Culvert 3-Weir 4-Fencing 5-Armor 6-Spillway 7-Dam 8-Service Road 9-Lining 10-Overflow Structure 11-Sprinkler Head 12-Drainage System 13-Vegetative Cover 14-Valve 15-Control Gate 16-Controls 17-Generator 18-Electrical Panel 19-Electrical Wire 20-SCADA 21-Other (Specify)								
Cause of Damage: 1-Surface Water Flooding 2-Wind Driven Rain 3-Sewer Back Up 4-Foundation Seepage 5-Lightning 6-High Winds 7-Tree Damage 8-Wind Blown Debris 9-Earthquake 10-Fire 11-Explosion 12-Other (Specify)								

Applicant Representative Initials: _____

302 Bridge

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Sketch / Notes

$$\frac{54V + 3FD}{54V + 3FD} = 1$$

side 1

47061 prep lost
130FTLX8FTWL4'

(contract work)

1727AL + 505 + 7262211

Cobble deposited
into river.
Changed its course.

will remove material
and crush rock.

WOLF

X End pain measured
for corneal deposits

245

Applicant Representative Initials: _____

Work Order # _____ Damage # _____

Work Order #

Damage #

1" Angled blast stone
"Cracked rock"
pile made.

X Start Sketch / Notes

of stone-butt wall

"Cracked rock - 3' minus"

sections missing

① 30 FT L x 8 FT W x 1.5' D

② 95 FT L x 4 FT W x 1.5' D

③ 43 FT L x 8 FT W x 1.5' D

Rocky

d.s.
↑

302

bridge

Saco
↓

confluence
of Rocky/Saco
↑

R.R. Trestle

sect. 2 Rocky Bridge

(App. states placed in 1950s)
- States & loading affects 302.

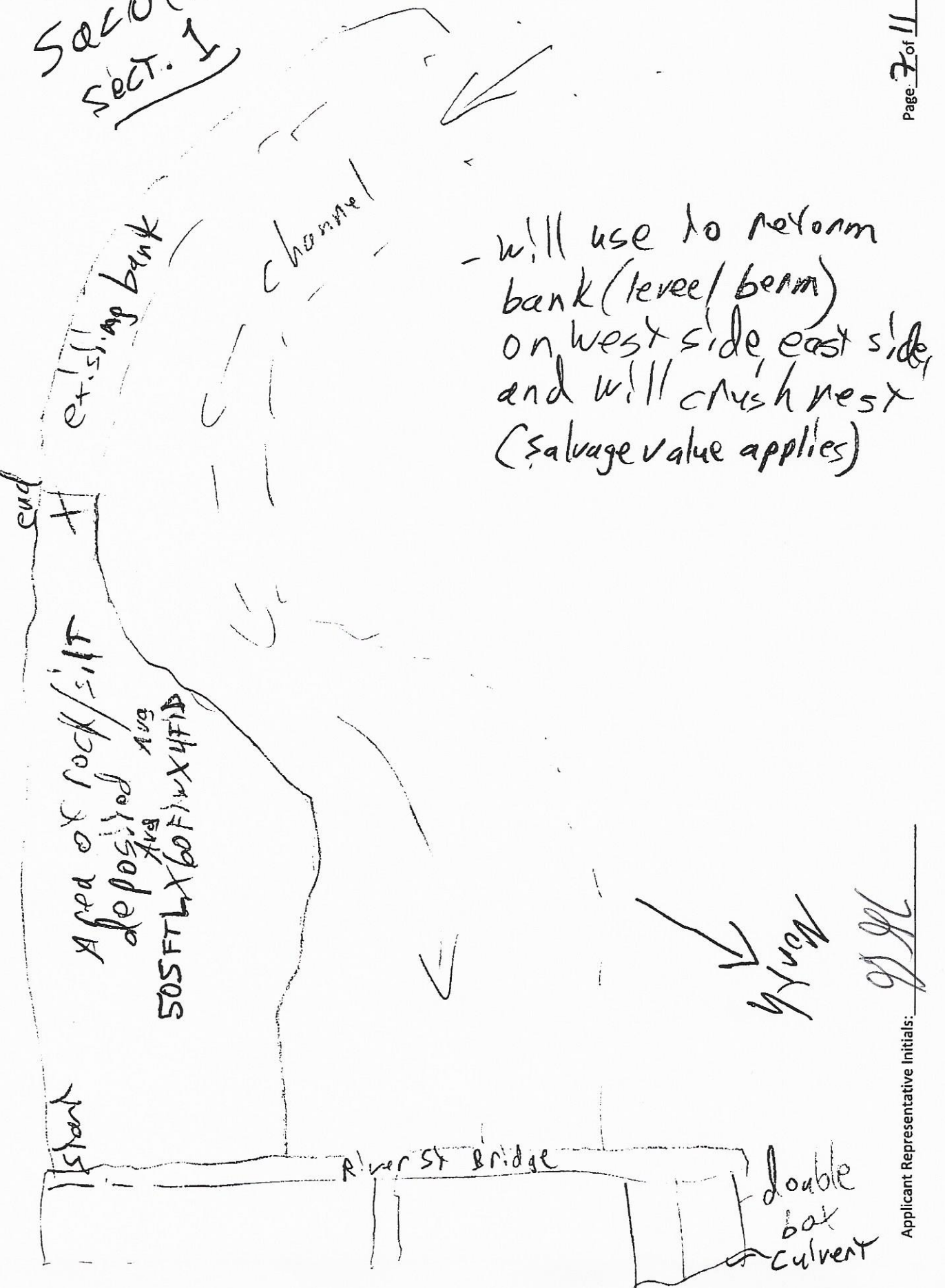
3-1 slope

Category D

Applicant Representative Initials: gmc

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SOCO (River St. Bridge)
SECT. 1



SACO (River St. Bridge)

Category D

Sect. 2

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River St. Bridge

double culvert
box

Native dirt/rock
slope lost

up slope
down to beach

150 FT LX 10 FT WX 2 FT D

will replace to
stabilize slope.

Sand lost:

150 FT LX 50 FT WX 3 FT D ^{Avg}

will replace when
other work done.

Sketch / Notes

Work Order # _____ Damage # _____

Applicant Representative Initials: gpc

SACO (Cobb Farm Rd.)

sect. 3
- Late 60s berm along Cobb then turning South.

- large rip rap (up to 6') lost from bank. Can't reclaim from river. wants to replace. (most likely 2 boulders)

- 2' to 3' rock lost from bank

540 FT L X ^{AVG.} 10 FT W X ^{AVG.} 2.5 FT D
80% of total length

sect. 4: Berm on "East" side, turning perpendicular from Cobb Farm Rd.

- 1,288 FT L X ^{AVG.} 22 FT W X ^{AVG.} 10 FT H

- citizen states wide enough to drive tractor on. App. states destroyed in event. River now extends to bank where berm washed out and is scouring bank wall.

- built in bds, repaired bds, App. unsure. Says they did not have permits when repair work was done as they may not have needed them back then.

Work Order # _____ Damage # _____

Special Considerations

Category D

NOTE FOR SITE INSPECTOR: During the site inspection, please ask the Applicant the following questions. The PDMG may have already asked these questions; however, the Applicant representative at the site inspection may have additional information. Use Notes section on next page if additional space is needed for comments.

1. Does the damaged facility have insurance coverage and/or is it an insurable risk (e.g., buildings, equipment, vehicles)?

Unsure Yes ☒ No

2. Is the damaged facility(ies) located within a floodplain or a coastal high hazard area and/or does it have an impact on a floodplain or wetland? Can the project site be impacted by flooding? Will work occur within 200 feet of a waterway/waterbody?

Unsure ☒ Yes No

Zone AE

3. Is the damaged facility located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area?

Unsure Yes ☒ No

4. Will the proposed facility repairs/reconstruction change the pre-disaster conditions (e.g., footprint – including depth of footprint, material, location, capacity, use or function), including construction of an access road, establishing a staging area, or other work outside of the constructed right-of-way? If yes, describe changes or work outside of the constructed right-of-way. Provide detailed justification for the change (e.g. codes and standards).

Unsure ☒ Yes ☒ No

Will need assistance

5. Does the Applicant have a hazard mitigation proposal or would the applicant like technical assistance for hazard mitigation proposal?

Unsure ☒ Yes No

will need assistance

6. Is the damaged facility(ies) listed on a local/state/national historic register or is it a locally recognized landmark? Is it older than 45 years? (Provide the age of the facility) Are there more, similar buildings near the site?

Unsure Yes ☒ No

7. Are there any large, undeveloped or undisturbed areas on, or near, the project site? (Select "yes" if there are large tracts of forestland, grassland, or naturally preserved areas, etc.)

Unsure Yes ☒ No

8. Are there any hazardous materials at or adjacent to the damaged facility?

Unsure Yes ☒ No

Applicant Representative Initials

[Signature]

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Work Order # _____ Damage # _____

Special Considerations

Category D

9. Are there any other environmental or controversial issues associated with the damaged facility and/or work item? (select yes if facility is a road maintained by a Tribal Government or if the project necessitates the establishment of a new borrow area or the horizontal expansion of an existing borrow area.)

Unsure Yes No

☒ No

List any known endangered species in the work area:

N/A

Additional Notes / Comments:

It should be noted on page 1
Rocky Branch River - it is stated That
Flood can close BR 302 - In fact
The last 2 events - Irene and October 2017
have washed out and closed 302, with
West side rd and BR 302 and Bear
notch rd closed There is no access to
Bartlett Village, and Attitash areas.

Applicant Representative Initials



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