

ZONE X

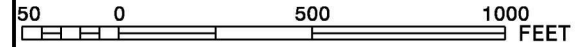
PICKPOCKET RD

Brentwood  
Exeter

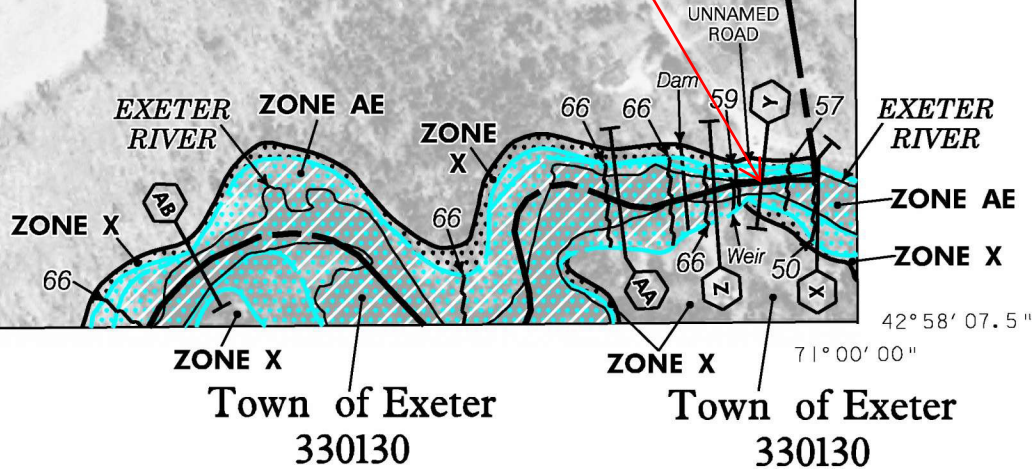
4760<sup>000</sup> M



MAP SCALE 1" = 500'



Proposed Tie-in Point: Published Section Y,  
immediately downstream of Pickpocket Dam  
Effective FIS BFE: 58.4 ft NAVD88  
Preliminary FIS BFE: 58.18 ft NAVD88  
LOMR Application BFE: 58.18 ft NAVD88



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0382E

**FIRM**  
FLOOD INSURANCE RATE MAP  
ROCKINGHAM COUNTY,  
NEW HAMPSHIRE  
(ALL JURISDICTIONS)

PANEL 382 OF 681

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BRENTWOOD, TOWN OF	330125	0382	E
EXETER, TOWN OF	330130	0382	E

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER  
33015C0382E

EFFECTIVE DATE  
MAY 17, 2005

Federal Emergency Management Agency

## Cloutier, Dave

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**From:** Pitney, Eleanore J. <pitneyej@cdmsmith.com>  
**Sent:** Tuesday, June 20, 2017 4:14 PM  
**To:** Cloutier, Dave  
**Cc:** San Antonio, Jacob  
**Subject:** RE: Conference Call request - upcoming LOMR - Great Dam Removal, Exeter, NH (Rockingham County)  
**Attachments:** Annotated\_FIRM\_Ex.pdf; Workmap\_Ex.pdf

Yes, this approach looks good. I would touch base with Alex Sirotek in regards to the flooding hazards within the Town of Brentwood. Please see attached templates for your reference.

**Alex Sirotek**

+16174526345  
SirotekAR@cdmsmith.com

Thanks,  
Ellie

Ellie Pitney  
CDM Smith, a member of **Compass PTS JV**  
Telephone: 303-383-2318  
Email: [pitneyej@cdmsmith.com](mailto:pitneyej@cdmsmith.com)

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**From:** Cloutier, Dave [mailto:dcloutier@VHB.com]  
**Sent:** Tuesday, June 20, 2017 2:05 PM  
**To:** Pitney, Eleanore J. <pitneyej@cdmsmith.com>  
**Cc:** San Antonio, Jacob <JSanAntonio@VHB.com>  
**Subject:** RE: Conference Call request - upcoming LOMR - Great Dam Removal, Exeter, NH (Rockingham County)

Hi Ellie,

Thanks again for taking the time to talk with us this afternoon. As we discussed, we will take the following approach to submit the upcoming LOMR application for the Great Dam removal in Exeter, NH. Please let me know if I've misinterpreted anything from our call.

- 1) We will submit the LOMR to amend the current Effective FIS (May 2005), with the understanding that when the current Preliminary FIS (February 2016) becomes effective at some point in the next few years, the LOMR will be incorporated into that new Effective FIS.
- 2) The tie-in points to the Effective FIS will be:
  - a. Exeter River downstream – where the Exeter River becomes the Squamscott River, at the limit of tidal flooding
  - b. Exeter River upstream – at the Pickpocket dam, ~40,000 feet upstream (this location is partially within the town of Brentwood – the town line runs down the center of the river for a short section surrounding the dam. However, the southern half of the river remains within the Town of Exeter up to the limit of the study)
  - c. Little River 1 downstream – at the confluence with the Exeter River
  - d. Little River 1 upstream – at the Route 111A (Brentwood Road) crossing

- 3) The LOMR submission will include three models with the following naming convention:
  - a. Duplicate Effective, represented by the Effective FIS HEC-2 models
  - b. Pre-Project, represented by the Preliminary FIS HEC-RAS model for Exeter River
  - c. Post-Project, a modified version of the pre-project model with the Great Dam removed.
- 4) We will use the HEC-2 model PDF printouts we received from the FEMA Engineering Library for the Duplicate Effective model, instead of a digitized HEC-RAS model. (As it turns out, the limits of these HEC-2 models are the same as the tie-in points we will use for our study)
- 5) We will provide the as-built survey of the reconstructed channel where the Great Dam was removed for documentation of the post-project model. Upstream of the dam, the geometry for all structures and crossings will remain unchanged from the pre-project model. (If any other changes need to be made to the model geometry, we will provide as-built survey)

Also as discussed, we would appreciate if you could send us an example template of a Topographic Work Map and Annotated FIRM panel to illustrate the style/format you prefer, and if you could send us the contact information for Alex Sirotek, the FEMA Region 1 Technical Coordinator.

Sincerely,

-Dave

**David Cloutier**  
Water Resources Engineer

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**From:** Pitney, Eleanore J. [<mailto:pitneyej@cdmsmith.com>]  
**Sent:** Monday, June 19, 2017 1:28 PM  
**To:** Cloutier, Dave <[dcloutier@VHB.com](mailto:dcloutier@VHB.com)>  
**Subject:** RE: Conference Call request - upcoming LOMR - Great Dam Removal, Exeter, NH (Rockingham County)

Yes, that works.

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**From:** Cloutier, Dave [<mailto:dcloutier@VHB.com>]  
**Sent:** Monday, June 19, 2017 11:17 AM  
**To:** Pitney, Eleanore J. <[pitneyej@cdmsmith.com](mailto:pitneyej@cdmsmith.com)>  
**Subject:** RE: Conference Call request - upcoming LOMR - Great Dam Removal, Exeter, NH (Rockingham County)

Thanks Ellie. We could talk at 1:30pm tomorrow – let me know if this works, and I'll send you a call invite.

-Dave

**David Cloutier**  
Water Resources Engineer

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**From:** Pitney, Eleanore J. [<mailto:pitneyej@cdmsmith.com>]  
**Sent:** Monday, June 19, 2017 10:28 AM  
**To:** Cloutier, Dave <[dcloutier@VHB.com](mailto:dcloutier@VHB.com)>  
**Subject:** RE: Conference Call request - upcoming LOMR - Great Dam Removal, Exeter, NH (Rockingham County)

Good Morning Dave,

I'm sorry that I missed you on Friday. I'd be happy to talk through these issues with you. I am available tomorrow morning for a call. Are you available anytime between 11:30-2:30pm EST? I have another call at 3pm EST.

Thanks,  
Ellie

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**From:** Cloutier, Dave [<mailto:dcloutier@VHB.com>]

**Sent:** Friday, June 16, 2017 3:10 PM

**To:** Pitney, Eleanore J. <[pitneyej@cdmsmith.com](mailto:pitneyej@cdmsmith.com)>

**Subject:** Conference Call request - upcoming LOMR - Great Dam Removal, Exeter, NH (Rockingham County)

Hi Ellie,

I just left you a voicemail – as I mentioned in my message, we are assisting the Town of Exeter, NH to submit a LOMR application to revise their flood mapping along the Exeter River and Little River to reflect the removal of the Great Dam in Exeter, New Hampshire. Because this is a larger project with several complicating factors (see below), we would like to have a conference call with you before we submit to confirm our approach and help make the review process run more smoothly. If you think that anyone at FEMA Region 1 or the NH Floodplain Management Program should join on this call, please let me know.

I would be happy to schedule a Skype conference call at a time that is convenient for you – please let me know if there are any good dates/times, and I will send the meeting invite.

For reference, here are some of the details we would like to discuss on the call:

- 1) Coordinating issuance of LOMR as it relates to the planned schedule for the Preliminary FIS for Rockingham County, NH to replace the existing Effective FIS
- 2) Confirming logical tie-in locations at limits of study area
- 3) Using HEC-2 printout for duplicate effective model of Exeter River instead of digitizing to HEC-RAS
- 4) Using HEC-RAS model from Preliminary FIS for corrected effective model of Exeter River
- 5) HEC-RAS Model naming convention – duplicate effective/corrected effective/existing?
- 6) As-built/survey for structures and crossings beyond the Great Dam
- 7) Scale/Formatting for Topographic Work Map, Annotated FIRMs, Flood Profile (study area covers 7 FIRM panels)

Sincerely,

-Dave

**David Cloutier**  
Water Resources Engineer



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