

Ashokan Watershed Stream Management Program (AWSMP)

What: Highway Managers Meeting

When: December 21, 2010 9:00-11:00

Where: AWSMP Office, Phoenicia, NY

Next Meeting: February, Emergency Response Plan

Present:

Brendon Masterson	Doug DeKoskie
Deron Davis	Eric Hofmeister
Mike Reynolds	Clyde Russell
Elizabeth Higgins	Cory Ritz
Jenine Tobey	

1. Check in
2. Meeting Discussion
 - Fawn Hill: Cory discussed construction process
 - Travor Hollow: Program offered technical assistance,
 - Group discussed how to figure out what size culvert to use (big enough for a 25 yr flood), adjustments on how to deal with challenge of burying the bottom of the culvert.
 - Doug: By burying the culvert you have to be sure you can control the slope (grade control), if not a head cut will work its way up the stream further than where the culvert was put in.
 - Program Assistance:
 - Stream program is here to offer advice, help improve plans and provide technical help
 - Milone and McBroom
 - Program has Trimble available to loan
 - Money available to replace culverts with an issue (hydraulic constriction, fish passage issue, etc). Program covers 75% town has to come up with 25%
 - Liz: Better off spending more money up front to improve infrastructure if there is a higher likelihood of it remaining during floods.
 - Doug: No promises but we are here to help and adjust plans accordingly, if DEC won't permit stream structures then adjust and make the footers deeper.
 - Deron's input:
 - Engineering support and education on why certain techniques work (why just putting in a grade won't fix the problem, using sills to prevent head cuts).
 - Emergency Travor Hollow Culvert will be useful in the future for emergency plans, making for a hopefully better and more efficient plan
 - NRCS EWP
 - Not FEMA

- Doesn't pay for anything done before
- No threshold as long as money is there any amount of damage can be funded
- If the damage is extensive (along the entire coast) then money is definitely available, but if the damage is just in the Catskills there probably is no money
- Do not fund infrastructure and only put back what was originally there (no improvements funded)
- Flood frequency and discharge changing, getting bigger and more frequent
 - Doug: flood terms (25 yr, 100 yr) are just statistics and for every gauge currently calculated what used to be a 25 yr is now more like a 10 yr flood
- Current Projects:
 - Cory knows about Eric's and Mike's already
 - Brendon: None currently (Cory then offered to go out with him, give advice, prioritize sites, etc.)
 - Clyde? I missed what he said
- Culvert and Bridge Mapping:
 - Liz: It helps to know what's out there and where problems are or could be in the future. Areas of concern can be put on a watch list, pre-assessments can be done
 - Doug: Delaware County has done this already. They have a map with all the culverts and bridges. For each one they have compiled what size it is, the discharge it can handle, how wide and deep the stream channel should be.
 - Mike likes it and wants to do it too, but has no time
 - Eric contracted someone to drive around and gather the GPS locations and the length, width characteristics of the culverts and bridges
- Training: David Oar was well received, local contracts should attend this training
 - Additional training for contracts about stream process, head cuts, constrictions
 - Flood response class held in Kingston(?)
 - Provide certification or credit to contractors
- Next meeting will be in February
 - Invite Delaware county to hear about their culvert mapping, pre-assessment, emergency response plan

3. Check out

- Good meeting! Doug: Nice to learn about other programs, Mike: very useful, wants to map culverts, good to discuss what best practices are
- Doug said he could put together some slides he has on in-stream structures, flood management, emergency response