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APPROVED

MINUTES OF THE MILFORD BOARD OF SELECTMEN WORK SESSION

November 18, 2011

PRESENT: Nate Carmen, Chairman
Gary Daniels, Vice Chairman
Tim Finan, Member
Katherine Bauer, Member
Mike Putnam, Member
Guy Scaife, Town Administrator
Darlene J. Bouffard, Recording Secretary

STAFF: Ricky Riendeau, DPW Director

1. CALL TO ORDER, BOARD OF SELECTMEN INTRODUCTIONS: The meeting was called to order by Chairman Carmen at 7:30 a.m. who welcomed those in attendance to the Board of Selectman work session.

2. DISCUSSION.

-Jennison Road Culvert. Chairman Carmen explained this work session is to discuss the road closure on Jennison Road due to culvert damage. Selectman Putnam asked if we can just throw some plates on it to allow passage? Ricky Riendeau responded that berms have to be there to carry the weight, plates alone will not do it. Ricky Riendeau said there are other options as well. An engineer would be needed to be sure it is suitable for traffic. Building beams and laying steel plates in place and then paving over them would work, but only temporarily. The life span is about 4-6 months; it is definitely temporary. A concrete pad is another option. Hoyle & Tanner looked at it and to dig out an area about 4 feet deep, then pave over it would provide another temporary fix. Another option is to rent a bridge, there is a 6 month cost of \$26,500, there is no engineering to it, it is just to lay it in and build a small approach which town employees can do. There would be some moving of plates or pulling out asphalt or pouring concrete, but that can be done by employees.

Selectman Finan asked how much are the rental costs? Ricky Riendeau indicated the total would be about \$39,000 for 6 months because a crane rental would be required for installation, plus adding the concrete for it to sit on and paving a ramp to it. If we buy a bridge, it is about \$84,000, it would sit in place, and we would build the approaches which would last longer. The life span of that is 95-125 years. Selectman Putnam said at least the town would own that option. Ricky Riendeau said it is the outlay costs and is the same style as the rental. For a permanent fix, Mr. Riendeau said it will take about 2-3 months with an engineer. Guy Scaife said DPW is doing a great job working with the other companies, and working within the guidelines. All of the permanent fixes require permitting. There are three classifications of streams involved in this culvert. Some are more restrictive, this is a Class 3 stream crossing and has four square miles of drain area, so it is in the higher category, so permitting is involved. All State agencies are extremely dedicated to move this through the permitting process.

Selectman Putnam asked what the town has for money? Guy Scaife said a concrete pad is less than \$13,000, we will find the money, the town is a bit under the appropriations at this point, so there is no way we will go over but we may need to touch Fund Balance. These alternatives are temporary, it is a no brainer, the only issue is if the fourth option is chosen, it is a bigger deal. \$12,000 or \$13,000 is not a huge cost, but it depends on how long it is spread out. The box culvert is the most economical and has the best life at \$120,000. The slip lining, which he thought would be the most economical, isn't. The opening has to meet a 50-year flood event unless an exception is granted from the State, which is rare. A hydrological study has to be done but the bridge engineer called us and pulled the files and his view is that when the culverts were installed in 1983 they were built to the minimum requirements. If a slip lining is done, the flow is reduced by 15% or more so he feels that is off the table.

Vice Chairman Daniels asked about a box culvert vs. a bridge, what is the difference? Mr. Riendeau explained that information. Vice Chairman Daniels asked what DOT would need? Guy Scaife said the inspection is different than signing off on a new plan to build a replacement. We have to go through the permitting process and that requires a hydro-geological study and then they look at whatever we end up with and does it meet the specs? Vice Chairman Daniels asked what the hydro-geological study is? Guy Scaife explained that is the water flow in a 50 year event, and if the opening meets that requirement. Vice Chairman Daniels asked if that is part of the engineering? Mr. Riendeau said it is a component of engineering. Selectman Putnam does not think we can tear apart the initial cost,

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1 but should look at the bottom line. Selectman Finan feels the plates and beams would work best, it is temporary but
2 it does not degrade, the concrete would degrade over time. Selectman Putnam said if we do concrete, that would be
3 thrown away when we change to a permanent fix. He would be in favor of a temporary fix for \$19,000 using steel.
4 That way we don't have to deal with the box culvert. Selectman Finan asked if the bridges have a bottom? Mr.
5 Riendeau said they do. A temporary fix does not force you to decide on a permanent fix right away and we have to
6 go through engineering regardless. Then the detail will be defined after that is in place. How long will the tempo-
7 rary be left in so that the permanent can be decided? Guy Scaife thinks we would still get the permitting for the box
8 culvert; it will just be more difficult. In the long run, either the box culvert or concrete bridge cost and longevity are
9 what are being looked at. When we look at the permanent fix we can make that decision at that time. The funding
10 issue will be pushed out, possibly with a warrant article or in the budget.

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12 Guy Scaife wanted to talk briefly about potential for outside funding. The State does have emergency funds for
13 bridge replacements, but the waiting list is long, they are out 6-7 years. The key things are not in Milford's favor.
14 The detour is less than a mile long, that is not in our favor. The chief engineer met with Guy Scaife at a GASIT
15 meeting last Wednesday when Guy Scaife found out the work necessary for this bridge, so he will assume the town
16 will not get outside funding. Chairman Carmen asked about temporary funding? Mr. Riendeau said there are crite-
17 ria for that as well, for temporary we are pretty much on our own. If we decide on concrete, and go through the
18 steps and move forward, somewhere down the line we might get some of that money back, but the town will need to
19 outlay the money up front. Selectman Putnam feels it is coming down to the box culvert or concrete bridge, he is in
20 favor of a concrete bridge not the box. It is more costly but it will last longer. Selectman Putnam is in favor of a
21 steel plate with beams because they are re-usable, the concrete will be dug out and not re-used.

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23 Selectman Putnam moved that a temporary fix of steel plates and beams be used. Selectman Finan seconded. Se-
24 lectman Finan asked how long will this take? Mr. Riendeau said steel beams and plates are able to be re-used and
25 we can use them in the future. Selectman Finan asked if it will be a couple of months? Mr. Riendeau said no, plates
26 are readily available, maybe about 3 weeks. Selectman Bauer asked about permitting for the temporary fix? Mr.
27 Riendeau said there is no permitting, we just need permission from the State.

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29 Vice Chairman Daniels asked about the State price estimate. Guy Scaife said they have a formula but it does not get
30 specific. Vice Chairman Daniels asked how that compares to the other proposals? Guy Scaife said we do not have a
31 detailed answer for that, but the estimate came out at the time when we were told we were in trouble so they must
32 have a model that they just plug information into, but the number is exorbitant (\$565,000). Mr. Riendeau said that
33 was a preliminary estimate, last year when it went on the red list, Mr. Riendeau put it on the pricing list, when that
34 application is turned in, they have to do an estimate, that number is very preliminary and only because we asked for
35 it but they had just plugged it in but it has not gone through the proper process yet to get a real number to us. All
36 members were in favor of the motion. Motion passed 5/0.

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38 **3. ADJOURNMENT:** There being no further business to come before this Meeting, Vice Chairman Daniels moved
39 to adjourn at 8:40 a.m. Selectman Bauer seconded. All were in favor. Motion passed 5/0.

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45 Nate Carmen, Chairman

Gary L. Daniels, Vice Chairman

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48 Katherine Bauer, Member

Mike Putnam, Member

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52 Tim Finan, Member