



Londonderry Conservation Commission

Tuesday, April 10, 2012

Minutes

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1 Present: Deb Lievens, Gene Harrington, Mike Considine, Paul Nickerson, Ben LaBrecque, and Mike  
2 Speltz

3

4 Also present: Resident Marge Badois

5

6 D. Lievens called the meeting to order at 7:32 PM and appointed M. Speltz to vote for George  
7 Herrmann.

8

9 Auburn Road D+F (Town of Londonderry)- Mike Leach and Gerry Fortin of Stantec Consultants  
10 presented a Dredge and Fill (D+F) application on behalf of the Town of Londonderry. A portion of  
11 Auburn Road around lots 36, 33, and 21-24 on map 18 floods and blocks accessibility for days at a  
12 time during peak runoff events. Six areas of wetland impact will occur in the 100-year floodplain to  
13 ensure the flow of water remains under Auburn and surrounding roads. No change will occur to the  
14 floodplain itself. The proposed changes would disturb 4,965 square feet of wetland, 865 sf of which  
15 would only be temporary. Impacts in the areas labeled A through F on Attachment #1 will be caused  
16 by the following:

17 A. 835 sf (235 sf temporary) for roadway reconstruction (including guardrails), and to install a  
18 new headwall with stone apron at the outlet of the box culvert noted in area B;

19 B. 2,845 (300 sf temporary) to install an 8' x 5.5' gravel bottom box culvert (with associated  
20 headwalls) under Auburn Road, construct a stone slope embankment and guardrail along the  
21 existing road, add riprap slope in the area of the headwalls, and replace a 48" culvert under  
22 Pinyon Place with a 8' x 5.5' gravel bottom box culvert (and associated headwalls);

23 C. 450 sf (200 sf temporary) to remove a 48" culvert under Pinyon Place and regrade for the  
24 new headwall and stone apron at the inlet of the box culvert noted in area B;

25 D. 525 sf (60 sf temporary) for roadway reconstruction;

26 E. 140 sf (40 sf temporary) for roadway reconstruction (including guardrails) and to install new  
27 twin 48" overflow culverts and associated riprap under the access drive to the gravel pit on  
28 18-36;

29 F. 190 sf (30 sf temporary) to install new twin 48" overflow culverts (with associated stone  
30 apron) under the access drive to the gravel pit on 18-36.

31 M. Speltz commented that the work would be an overall improvement, particularly with the addition  
32 of the box culverts as described. **M. Speltz made a motion to authorize the Chair to send a letter of  
33 recommendation to the NH Wetlands Bureau in support of the D+F application as presented. P.  
34 Nickerson seconded. The motion was approved, 6-0-0.**

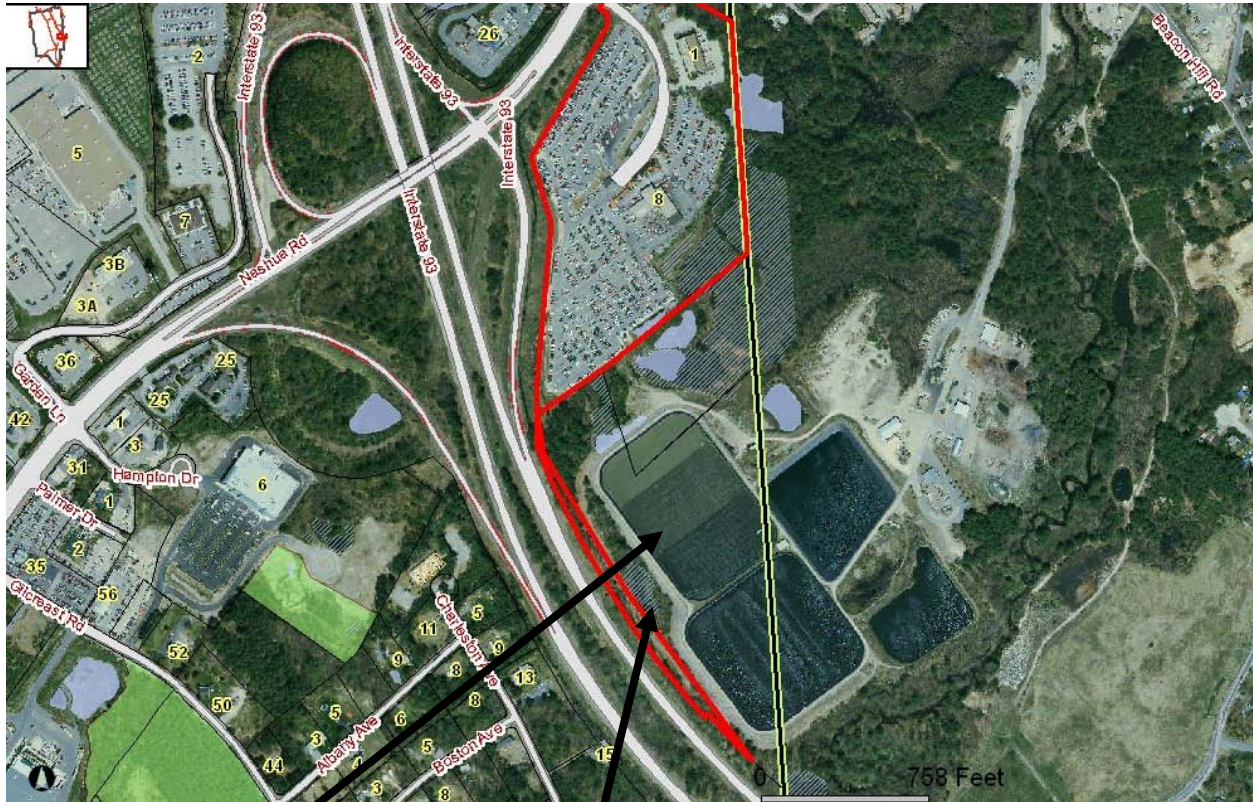
35

36 Derry Wastewater Treatment Lagoon wetland D+F- Craig Durette , Environmental Engineer for the  
37 Town of Derry, presented a D+F application for the filling of 753 sf of wetland located at the toe of  
38 the berm of Derry Wastewater Treatment Lagoon #1:

39



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**Lagoon #1**      **Wetland**

The impact is the result of a ten-foot wide trail being established at the toe of the lagoon embankment (see Attachment #2). This was mandated by the NH Department of Environmental Service (DES) Dam Bureau to facilitate better access for inspection, maintenance, and vegetation control around the lagoons. C. Durette noted that the 753 sf of impact includes 207 sf that was disturbed in the 1980's when the lagoons were reconstructed. Another 98 sf of the total was already impacted erroneously during recent maintenance work. No impacts will occur to wildlife resources or habitat. The creation of the wetland is most likely the result of the construction of the lagoons to the east and I-93 to the west. Considering the relatively low value of the wetland and the minor impact, Commissioners had no objections to the project. **G. Harrington mad a motion to authorize the Chair to send a send a letter of recommendation to the NH Wetlands Bureau in support of the D+F application as presented. P. Nickerson seconded. The motion was approved, 6-0-0.**

Joint Negotiating Committee- A candidate for the At-Large position on this committee, which will review all future land transactions, is being considered by the Town Council. The consensus of the Commission was to have D. Lievens contact the Town Manager to determine whether the position



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78 was ever advertised and if not, whether it will be. Commissioners also expressed a need to have joint  
79 approval of any candidate as outlined in the Memorandum of Agreement.

80

81 Open Space Task Force letters- The Commission reviewed a letter drafted by M. Speltz to the owners  
82 of the 210 priority parcels listed in the 2010/2011 Open Space Task Force Report. In addition to  
83 conveying the Town's interest in preserving their property as open space, the letter invites them to  
84 an informational meeting that will explain their inclusion on the list as well as the three options for  
85 preservation. Commissioners agreed that the date should be set sometime after the week-long  
86 workshop of the Town's Master Plan comprehensive update ("Planapalooza") in late May/early June.  
87 Announcements of the Commission's meeting could be relayed during the Master Plan events to  
88 create public awareness. An "RSVP" request will be included in the letter to gauge potential turnout.  
89 It was determined that the letters would tentatively be mailed out June 6 for a possible June 25  
90 meeting at 7PM in the Moose Hill Council Chambers.

91

92 Presentation of OSTF report to Town Council - A presentation was made to the Town Council last year  
93 regarding the findings of the 2011 Open Space Task Force report. The Council is now requesting a  
94 follow up presentation because they would like to discuss the report's conclusions along with the  
95 implementation of its recommendations. M. Speltz will attend the May 7 Council meeting to make  
96 the presentation.

97

98 Invasive plant species- With spring approaching, D. Lievens reminded Commissioners of the invasive  
99 Phragmites species found last year during a grant funded restoration project of the wetland on map  
100 and lot 6-113. No grant monies remain to fund the removal effort, although the Commission agreed  
101 that it should still occur. D. Lievens is attempting to locate a specialist with the requisite aquatic  
102 license to perform the work. Galerucella beetles were released last year to combat the invasive  
103 Purple Loosestrife also found in that wetland. Removal of Bittersweet from the Town Forest on map  
104 and lot 6-97-1 will continue this year. Funding will come from the sale of timber associated with the  
105 2010 selective cut done in the forest.

106

107 Aquatic Resource Mitigation Fund grant- NH DES has announced the acceptance of applications for  
108 their Water Supply Land Protection Grant Program to be used for "the purchase of land or  
109 conservation easements critical to the quality of public drinking water supplies." Included in the  
110 announcement is an invitation to apply for an Aquatic Resource Mitigation Fund grant which can be  
111 used as a 75% match for the Water Supply grant. Pre-proposals are due April 30. M. Speltz said he  
112 would embark on that process with assistance from D. Lievens.

113

114 NH Counties plant list- The NH Natural Heritage Bureau is attempting to compile a plant list for each  
115 county in New Hampshire. Most rare and super-common species have been accounted for, so the  
116 focus is now on the collection of common plants. As a volunteer for the Bureau, D. Lievens asked the



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117 Commission for permission to collect and preserve previously uncollected common species on Town  
118 owned land. **M. Speltz made a motion to authorize D. Lievens to collect plant species on Town**  
119 **owned land. P. Nickerson seconded. The motion was approved, 5-0-1 with D. Lievens abstaining.**  
120

121 Trail work day- M. Considine stated that a trail work day in the Musquash Conservation Area will  
122 occur on April 14 from 8 AM to 12 PM at the Hickory Hill trailhead. Maintenance tasks will include  
123 bridging, blazing, and rerouting trails.  
124

125 Parking in the Musquash- M. Considine reported that the number of visitors to the Musquash  
126 continues to increase, making the parking area the entrance at Hickory Hill Drive less and less  
127 sufficient. A discussion ensued about the possibility of creating a parking area on land owned by  
128 Public Service of New Hampshire (PSNH) that lies between the end Hickory Hill Drive and the  
129 Musquash. When the issue was last discussed in 2010, PSNH had asked the Commission to provide a  
130 plan of their intentions. Commissioners had also decided to ask the Town's Public Works Director  
131 what he would allow and/or recommend. D. Lievens will contact PSNH and M. Considine will speak  
132 with the Public Works Director.  
133

134 March 27, 2012 minutes- **P. Nickerson made a motion to approve the minutes of the March 27,**  
135 **2012 public session as written. G. Harrington seconded. The motion was approved, 3-0-3 with G.**  
136 **Harrington, B. LaBrecque, and M. Speltz abstaining as they had not attended the meeting.**  
137 **P. Nickerson made a motion to approve the minutes of the March 27, 2012 non-public session as**  
138 **written. G. Harrington seconded. The motion was approved, 3-0-3 with the same abstentions**  
139 **noted above.**  
140

141 Sunnycrest Phase I- The deed reassigning the Sunnycrest Phase I easement to the Rockingham County  
142 Conservation District (RCCD) has been signed by the Town Manager, notarized, and mailed to RCCD  
143 so that they may record it with the Registry of Deeds. A check for \$7,319 was included as a one-time  
144 donation to RCCD's stewardship fund for annual monitoring.  
145

146 **G. Harrington made a motion to adjourn. P. Nickerson seconded. The motion was approved, 6-0-0.**  
147

148 The meeting adjourned at 8:55 PM.  
149

150 Respectfully submitted,  
151

152

153

154 Jaye Trottier

155 Secretary

# Londonderry Conservation Commission meeting minutes - April 10, 2011 - Attachment #1

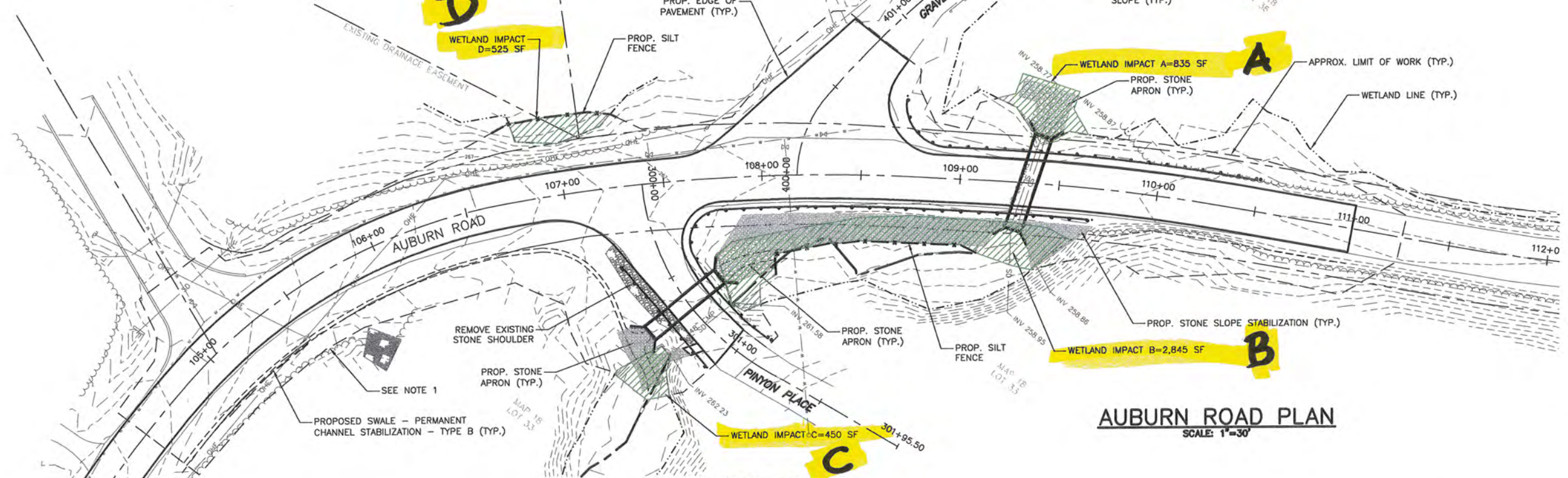
REVISIONS AFTER PROPOSAL		STATION		DATE		NUMBER		DESCRIPTION	

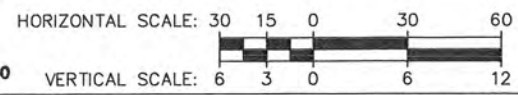
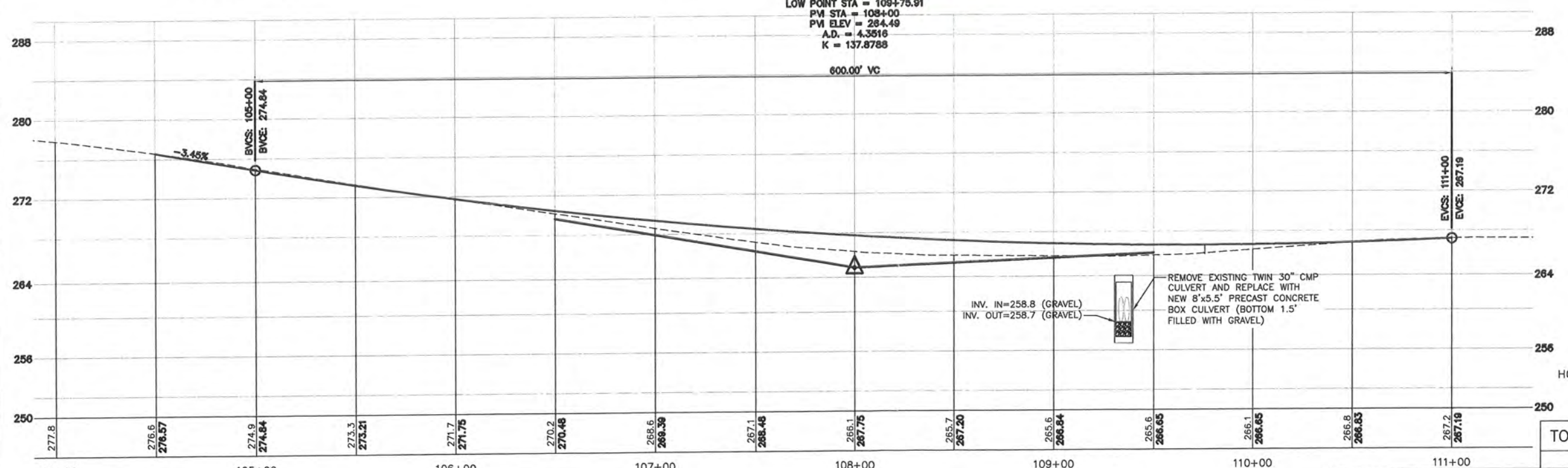
NOTEBOOKS			
BOOK	PAGE	BOOK	PAGE

MEL	DATE	GAF	DATE	AHB	DATE	AS BUILT DETAILS	DATE

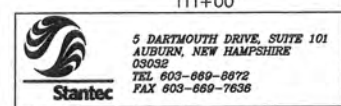


NOTES:  
1. THE LIMIT OF WORK FROM STATION 104+50 RT SOUTHWEST ALONG AUBURN ROAD TO THE TOWN OF LONDONDERRY/ WHISPERING PINES TRAILER PARK PROPERTY LINE IS LOCATED APPROXIMATELY 35 FEET FROM THE CENTERLINE OF AUBURN ROAD. THIS WORK IS NECESSARY TO RESHAPE THE DRAINAGE SWALE ALONG AUBURN ROAD.



**AUBURN ROAD PROFILE**  
SCALE: 1"=30' (H)  
1"=6' (V)

TOWN OF LONDONDERRY, NEW HAMPSHIRE  
AUBURN ROAD CULVERT REPLACEMENT



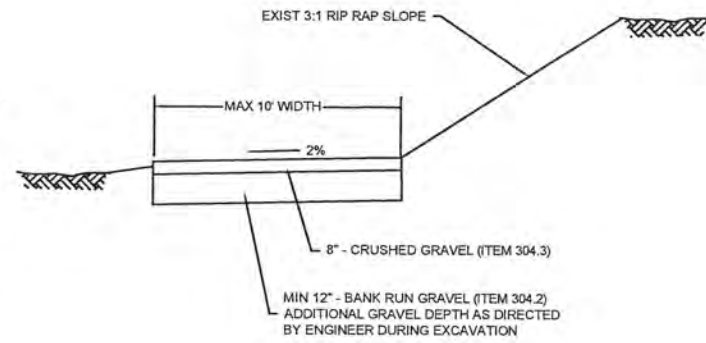
## AUBURN RD PLAN AND PROFILE

REVISION DATE	VIEW	FILE NAME	FEDERAL PROJ. NO.	STATE PROJ. NO.	STANTEC PROJ. NO.	SHEET
03/22/2012	CUT1	plan and profiles	-	-	1951-20117	11 OF 14

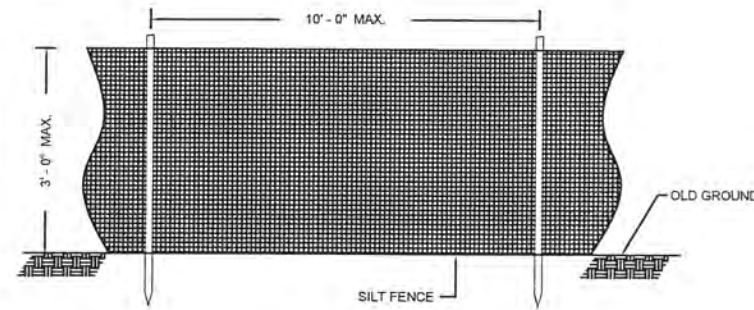
# Londonderry Conservation Commission meeting minutes - April 10, 2012 - Attachment #2

## CONSTRUCTION SEQUENCE

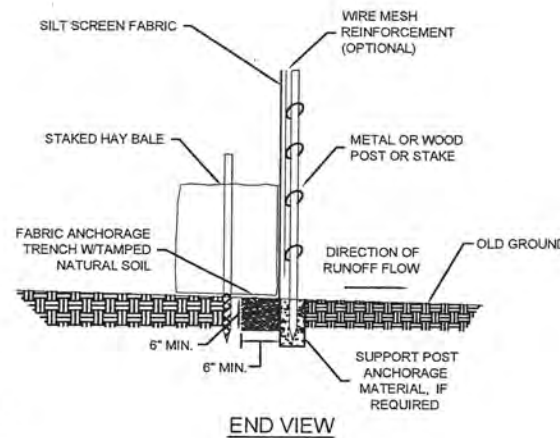
- 1) CUT AND REMOVE TREES/BRUSH ALONG THE PROPOSED MAINTENANCE PATH.
- 2) ESTABLISH EROSION CONTROL BARRIERS SUCH AS SILT FENCE & WOOD GRINDINGS AS SHOWN ALONG THE PROPOSED PATH BOUNDARIES WITHIN THE WETLAND IMPACT AREA.
- 3) REMOVE AND DISPOSE OF ANY STUMPS AND TRANSPORT TO GRINDING FACILITY.
- 4) EXCAVATE & DISPOSE OF EXISTING MATERIAL WITHIN THE PROPOSED PATH LIMITS TO GRAVEL DEPTHS AS SHOWN IN THE X-SECTION DETAIL.
- 5) PLACE GRAVEL AS SHOWN IN THE X-SECTION DETAIL AND COMPACT AT MAXIMUM 12" DEPTH TO ATTAIN MINIMUM 95% COMPACTION.
- 6) LOAM, SEED, AND MULCH ALL DISTURBED AREAS.
- 7) REMOVE ALL TEMPORARY EROSION CONTROL STRUCTURES ONCE ALL DISTURBED AREAS ARE STABILIZED.



MAINTENANCE PATH X-SECTION  
NTS.

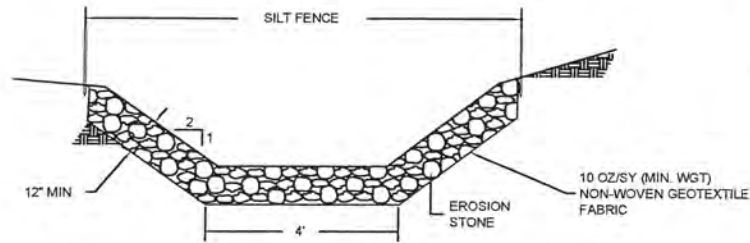


ELEVATION

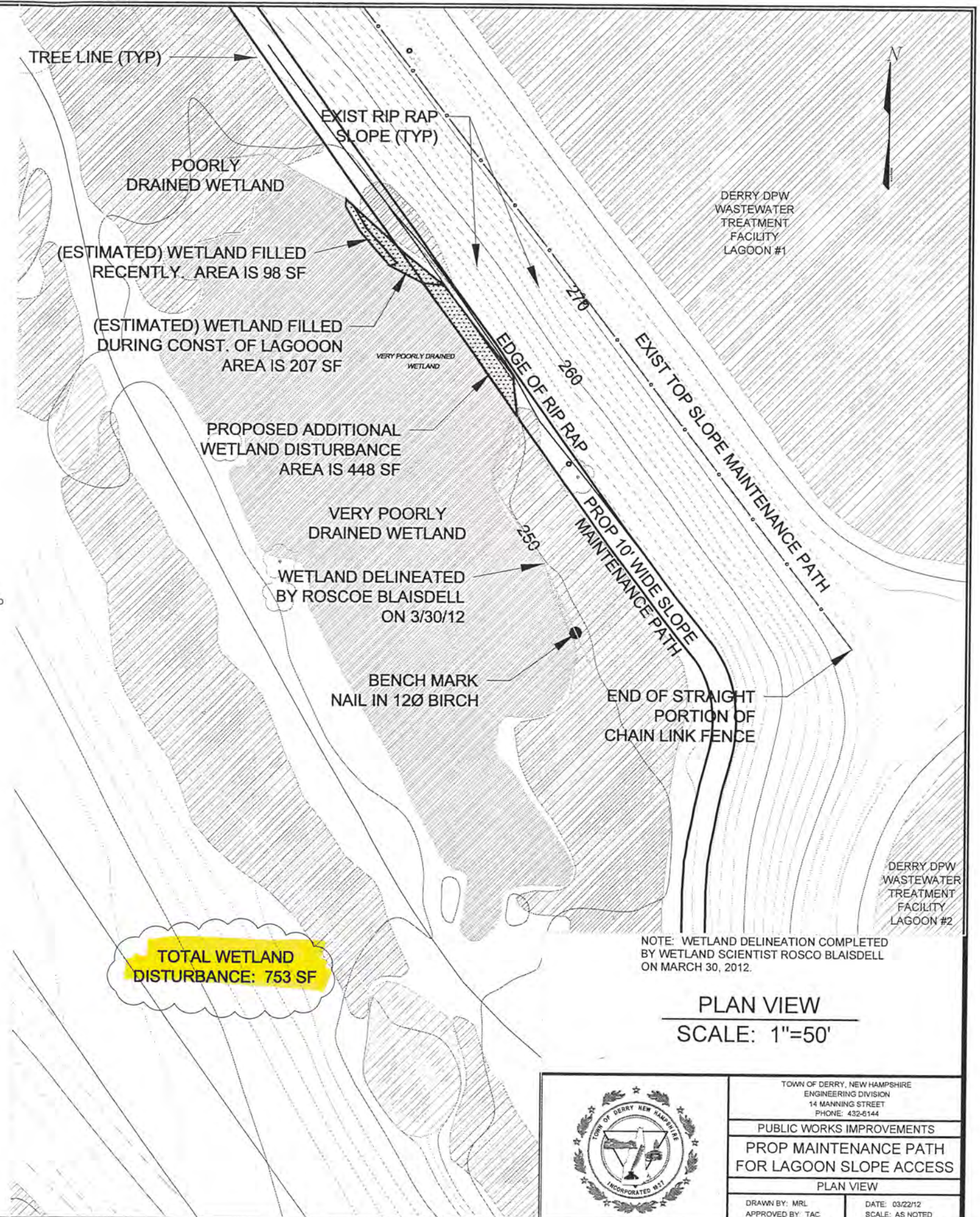


END VIEW

SILT FENCE DETAIL  
NTS.



STONE CHANNEL PROTECTION  
NTS.



	TOWN OF DERRY, NEW HAMPSHIRE ENGINEERING DIVISION 14 MANNING STREET PHONE: 432-6144	
	PUBLIC WORKS IMPROVEMENTS	
	PROP MAINTENANCE PATH FOR LAGOON SLOPE ACCESS	
	PLAN VIEW	
DRAWN BY: MRL	DATE: 03/22/12	
APPROVED BY: TAC	SCALE: AS NOTED	