

# SCHOOL SECTION LAKE MODIFIED OUTLET PROJECT #17-1 FINAL HEARING (CONT.)

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December 20, 2017

# Outline

- Purpose
- Project chronology
- Final plan view
- Quote tabulation
- Benefitted property class
- Proposed assessment
- Public comment
- Close hearing



# Continued Hearing Purpose

- To accept final plans & specifications for Project #17-1
- To consider awarding construction contract
- To consider special assessment for project
- To inform benefited property owners of project status, including special assessment and right of prepayment

# Project Chronology

Date	Description
1984-1985	Project #84-1 (School Section Lake Outlet Project) constructed
1985-2014	Project #84-1 operational
Spring 2015	Project #84-1's intake significantly damaged by ice, rendering project inoperable
Winter 2015-16	Repair made to Project #84-1's intake, including functional (but not long-term) ice barrier installed
2015-16	CRWD Board discusses potential modifications to incorporate a permanent ice barrier into Project #84-1
October 19, 2016	<p>Public information session held at City Hall, Annandale MN, covering:</p> <ul style="list-style-type: none"> <li>• MNDNR authority to prescribe permitted elevation of project control structure</li> <li>• General operation of the project</li> <li>• Durability, design and appearance of a proposed ice barrier</li> <li>• Interest of benefitted property owners in attendance to provide for an equitable assessment roll</li> </ul>

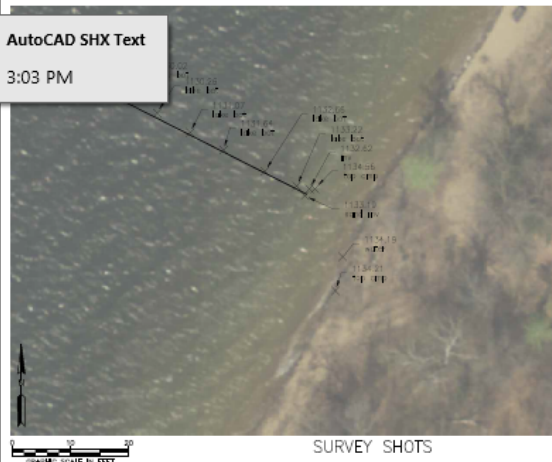
# Project Chronology

Date	Description
May 17, 2017	CRWD Board resolution #17-05-4   initiated Project #17-1 to modify and replace Project #84-1, order Engineer's Report
June 27, 2017	<ul style="list-style-type: none"> <li>• Engineer's report submitted for Project #17-1</li> <li>• CRWD Board resolution #17-06-3               <ul style="list-style-type: none"> <li>○ Accepted Engineer's Report, confirmed conformity with MN Statutes §103D.711 and transmitted report to MNBWSR and MNDNR</li> <li>○ Board resolved to determine benefits and damages of Project #17-1 per MN Statutes §103D.721</li> </ul> </li> </ul>
July 19, 2017	<ul style="list-style-type: none"> <li>• Board submitted Benefits and Damages Determination Report for Project #17-1</li> <li>• CRWD Board resolution #17-07-4               <ul style="list-style-type: none"> <li>○ Accepted Benefits and Damages Determination for Project #17-1</li> <li>○ Ordered final hearing   notices mailed August 17-18<sup>th</sup>, published in Annandale Advocate August 23<sup>rd</sup> and 30<sup>th</sup></li> </ul> </li> </ul>
End of July 2017	Advisory Reports from MNBWSR and MNDNR on Project #17-1's Engineer's Report received; response from engineer received August 21, 2017

# Project Chronology

Date	Description
Sept 6, 2017	CRWD Board resolution #SM17-09-5   Project #17-1 ordered, hearing recessed to allow for final plans & specs and quote solicitation
September – December 2017	<ul style="list-style-type: none"><li>• Permitting process for Project #17-1 underway</li><li>• Plans and Specifications finalized</li><li>• Request for quotes for construction sent to select contractors</li><li>• Quotes received December 15, 2017</li><li>• Costs finalized, proposed special assessment roll finalized</li></ul>

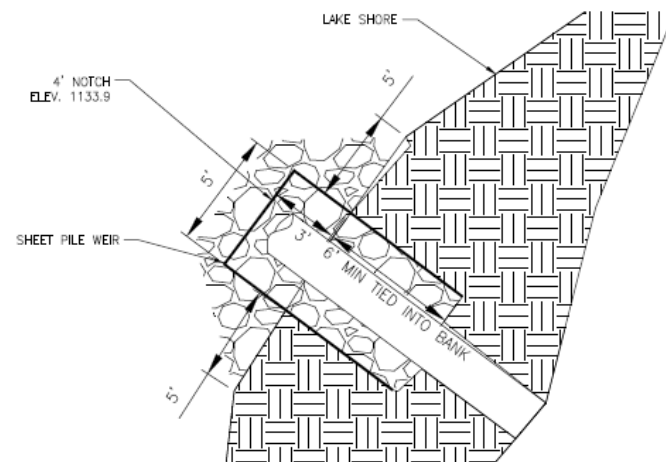
# Final Intake Plan View



SUBMIT SHOP DRAWINGS FOR WOODEN COVER FOR ENGINEER'S APPROVAL

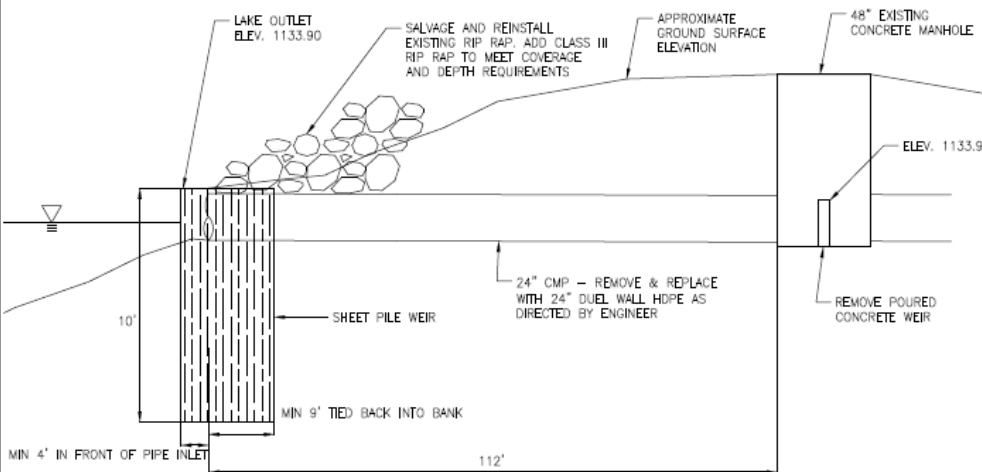


PROFILE

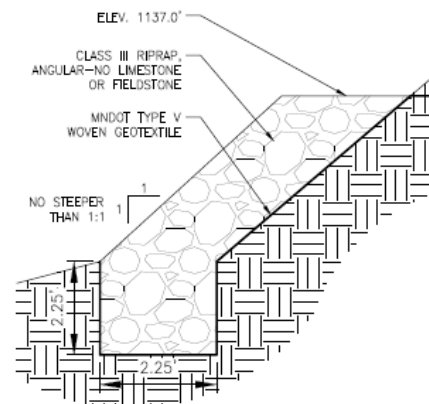


PLAN VIEW

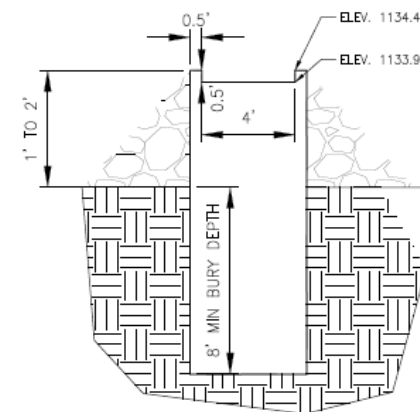
NOTE: FINAL RIPRAP PLACEMENT TO BE DIRECTED IN FIELD BY ENGINEER



SCHEMATIC PROFILE VIEW (NOT TO SCALE)



CLASS III RIPRAP DETAIL



WEIR FRONT VIEW

REV	REVISION DESCRIPTION	DWN	APP	REV DATE
3	FOR BIDDING	SUB	RAC	11/06/17
2	FOR REVIEW	SUB	RAC	08/21/17
1	CONCEPT PLAN	SUB	RAC	06/21/17

DESIGNER	CHECKER	DATE

SUB CONSULTANT	DATE

PRIME CONSULTANT

Responsive partner. Exceptional outcomes.

PROJECT TITLE	SHEET TITLE	DWG DATE	SCALE	DATE
SCHOOL SECTION LAKE OUTLET	REPAIR PLAN	06/22/2017	AS SHOWN	
CLEARWATER RIVER WATERSHED DISTRICT				
PROJECT NO. 0002-0230	SHEET NO. C-101	DATE	SCALE	REV NO. 3

# Construction quote tabulation

- 3 quotes received
- Engineer recommendation given at meeting



# Benefitted Property Class

- Project's Benefits and Damages Determination Report
  - Single class of benefitted property, consisting of all tracts riparian to School Section Lake
    - Because the Project benefits riparian land suited to residential purposes generally, whether that land is presently developed or not, each lot of record will be assigned one unit of benefit and the approved assessment statement for the Project will provide for a pro rata assessment
  - Total of 57 riparian parcels benefitted
    - However, only 45 of those parcels are assigned a unit of benefit, as the remainder are either designated by a land use authority as unbuildable or in tax forfeiture (see same report, item #15)
  - 45 units of benefits in total

# Costs | Proposed Assessment

Allocation of Costs for School Section Lake Modified Outlet Project #17-1					
		Estimate from engineer's report	Revised costs, as of 12/18/2017 (option1)	Revised costs, as of 12/18/2017 (option2)	
Item	Description	Amount	Amount	Amount	Notes
1	Construction	\$48,795.00	\$49,550.00	\$54,610.01	This includes all alternates on construction quote
2	20% contingency on construction contract	\$9,759.00	\$9,910.00	\$10,922.00	This is 20% on base quote plus alternates
3	Engineering, Legal & Administrative	\$14,639.00	\$19,500.00	\$19,500.00	This is for engineering construction support plus \$2,500 for estimated administrative/legal costs
4	Accrued project engineering and process costs to date	\$28,100.00	\$45,000.00	\$45,000.00	Per tabulation of costs expended so far related to working on the outlet barrier, the Board can justify ~\$47,500 in accrued expenses; rounded to \$45,000
	<b>TOTALS</b> (rounded to hundreds)	\$101,293.00	\$124,000.00	\$130,000.00	
	Cost per unit of benefit (45)	<b>\$2,250.96</b>	<b>\$2,755.56</b>	<b>\$2,888.89</b>	

# Public Comment