

Road Name	Description	Priority	Notes	To Do Fall 2022
Camp Road	20' ROW, narrow driving surface. Road in good condition, when surface gravel added in future, super-elevate road toward lake after Sargent Corner. Remove failed culvert at Fenwood driveway.	Medium		Keep road narrow. Culvert failed replace with rock sandwich. Add material over culvert by Rogers. Enfield \$ (Blaine)
Holiday Lane	Good elevation and ditching, lack of sufficient crown. Replace 24" culvert at 26 Holiday Lane with similar size and add 6' plunge pool at outlet end.	High	Discussed corner that becomes soft in spring and explained two options. 1) Box cut/excavate bad gravel and rebuild with woven geotextile, base and surface gravel. 2) Install 2" angular stone to soft area for several seasons to form base and top with 1" minus surface gravel.	Replace culvert and install plunge pools. Enfield \$ (Blaine) Implement Option2 CSCOA \$ up to \$2,500 (Blaine)
Morgan's Beach Road	Existing shoulder turnouts are full of sediment and need maintenance. Lack of sufficient crown, surface gravel needed to obtain ½" per foot crown.	Medium/High	Close to lake. Maintenance needed. 8/28 - Worse since recent rains.	Clean turn-outs. Add gravel to create crown. Town maintenance.
Davis Road	Good elevation, crown, ditching. Maintain condition	Low		

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Millet Mallet Road	Wide road, 2 plus lanes. Good crown, with some shoulder berms keeping water out of ditches. Maintain/clean ditching.	Low		
Go Devil Intersection	Install plunge pools at both culvert inlets. Pole # 5125 install rip rap around ditch corner and armor culvert inlet on north side of road. On south side, armor ditch uphill of culvert inlet for 20' (in front of leach field) and around inlet of culvert.	High	Subject to acceptance by Millet-Mallett Road Association. Project details attached.	Install plunge pools. CSCOA \$ up to \$750 work by Blaine.
Lemay Road	Install approx. 100' x 12" HDPE culvert under road and into new 10'x 20' rock lined plunge pool in location of existing shed to be moved. Excavate end of plugged culvert coming in under driveway and re-establish flow into new plunge pool.	High	Subject to landowner acceptance. Project details attached.	Landowner to do work. CSCOA \$ up to \$1,250. Receipts required for reimbursement.
Dudley	Damaged culvert end.	High		Repair culvert. Enfield \$ (Blaine)

Road Name	Description	Priority	Notes	To Do Fall 2022
Smith Road	Significant surface gravel needed to obtain ½" per foot crown. Install turnout on right side.	Low		
Round Lane	Surface gravel needed to obtain ½" per foot crown	Low		
Page Road	Berms on hill. Surface gravel needed to obtain ½" per foot crown	Low		Remove berms. Enfield \$(Blaine)
West Road	Berms on hill. Surface gravel needed to obtain ½" per foot crown	Low		Remove berms. Enfield \$(Blaine)
Beethoven Road	Surface gravel needed to obtain ½" per foot crown.	Low/Medium	Discussed adding ditching on left at end of road leading to new culvert being installed by homeowner.	Add ditch. Enfield \$(Blaine)
Curtis Road	Good condition. Maintained by resident	Low		
Cole's Alley	Narrow camp road with no surface erosion. Good condition	Low		

Road Name	Description	Priority	Notes	To Do Fall 2022
Lower Abbot Drive	24" culvert at Pole # 15 failed. Ditching maintenance/cleaning needed at sharp corner. Shoulder berms not allowing for drainage off road surface. Remove shoulder berms, add surface gravel to super-elevate toward ditch around corner between flagging. Reestablish capacity in ditching and install riprap in ditch 180'.	Culvert – Medium Road/ditch work - High	Project details attached.	Remove berms, add rip-rap, add gravel. CSCOA \$ up to \$3,00 (Blaine)
Upper Abbot Drive	From pavement – install 3 turnouts (flagged, 2 on right, 1 on left) Grade existing material to establish crown. In future, install surface gravel and crown to ½" per foot. Re-establish broad base dips that were installed and filed over time. New surface gravel installation from pavement to grassy ROW lane on left.	Medium/High		Add turn-outs. Clean existing turn-outs. Reestablish broad-based dips. Enfield \$ (Blaine)
Cedar Rest Road	Increase crown with added surface gravel and maintain/clean existing turnouts. Install ditching and turnout above Pole # 85. Increase ditching along grass line of road. Past Pole # 85 and tie into existing ditch beyond curve. Remove check dams on slopes that may kick water onto road.	High	Project plan attached.	Implement all recommendations. CSCOA \$ up to \$1,500.(Blaine)

Road Name	Description	Priority	Notes	To Do Fall 2022
Webb Cove Road	Road surface in good condition. Replace failed culvert at driveway # 40 with 24" HPDE culvert and install 8' plunge pool at outlet of pipe.	High	Subject to WCO Road Association approval. Project details attached.	Road Assoc. to provide culvert. Plunge pool and equipment cost. CSCOA \$up to \$1000. Receipts required for reimbursement.
Cold Stream Lane	Good condition	Low		
Loop Road	Narrow road far from lake in good condition	Low		
Deland Road	Lower traffic road in good condition	Low		
Bluff Road	Newer road in good condition	Low		
Birch Lane	Recent work completed, far from lake and in good condition. Good elevation and drainage	Low		
Phinney Farm Road	Camp road in good condition. Large berms in places, good crown. Recent ditching work has revegetated.	Low		

Proposed CSCOA funding not to exceed \$10,000

Proposed Projects – Photos, July 2022



Lemay Road – Discussed new culverts and plunge pool to collect outfall.

Suggested fix: Relocate existing shed and install 10'x20' rock lined plunge pool in location where shed is currently located. Install new 12" diameter culvert (approx. 100' in length) from ditch across road that will outlet in new pool. Excavate and replace crushed/clogged culvert coming in from south and outlet into new pool. Pool should outlet into ditch that runs behind shed/garage toward lake and pool outlet should be stabilized with rock as it enters ditch.





Cedar Rest Road – Road has become very wide near corner. Lack of surface crown causing shoulder erosion and water not getting off surface/shoulders.

Suggested Fix: Install sufficient surface gravel above corner at Pole # 85 to obtain $\frac{1}{2}$ " per foot crown. Install ditching along grass line on right side leading to turnout as shown in photo.

Begin new ditching beyond new turnout and around outside of Pole # 85. New ditch will tie into existing ditch around corner and beyond Pole.





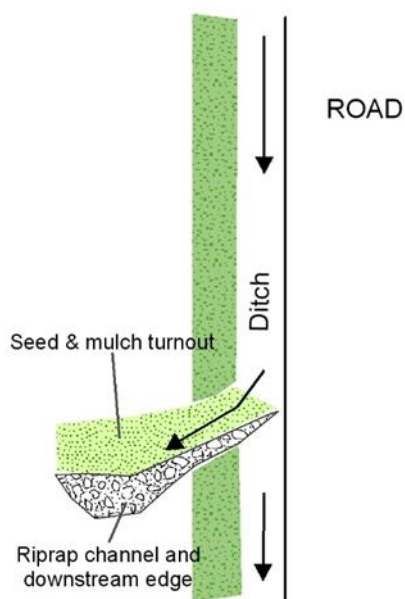
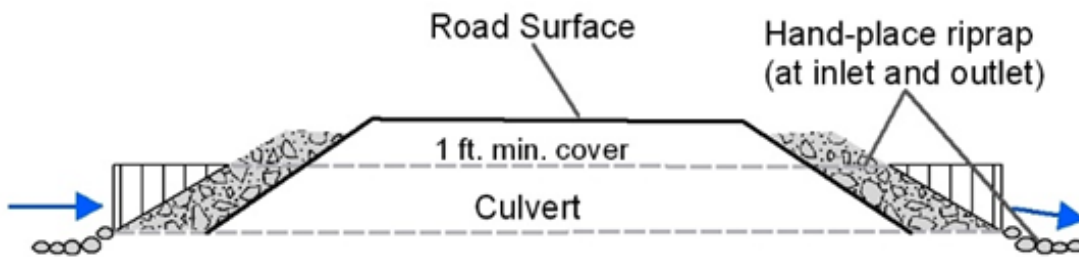
Lower Abbot Drive – Culvert at Pole # 15 has failed. Replace with a 24" diameter HDPE (lower priority).

At the sharp corner (pictured) the insloped ditch is very shallow and has significant sediment accumulation. Shoulder berms are present, and the road is lacking proper shaping to move water to existing ditching.

Suggested Fix: Remove shoulder berms, add surface gravel to super-elevate toward ditch around corner between flagging. Reestablish capacity in ditching and install riprap in ditch 180'.

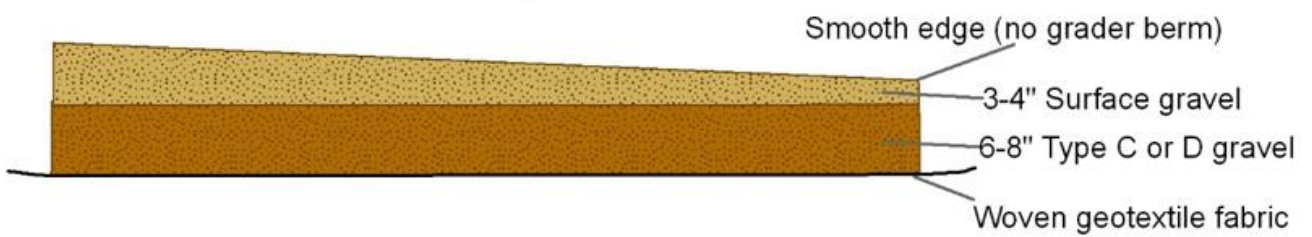


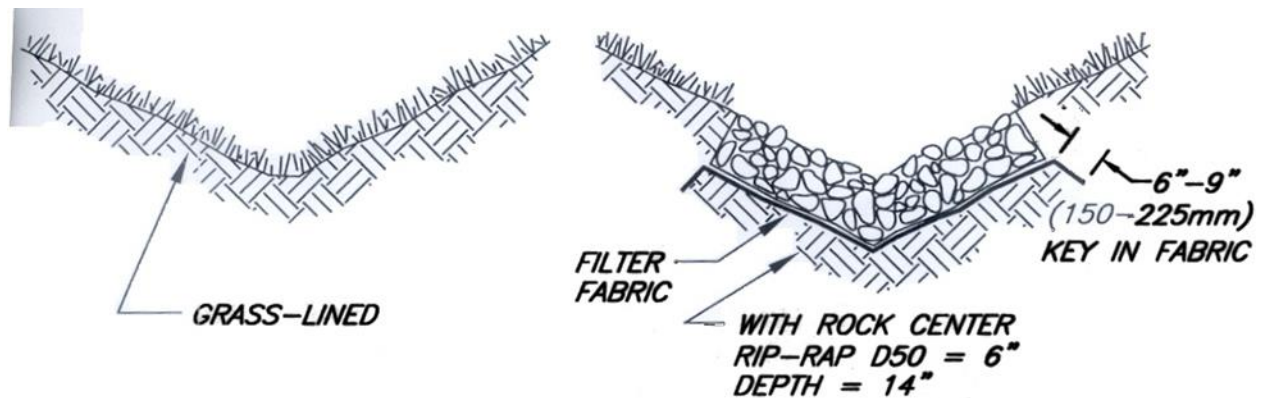
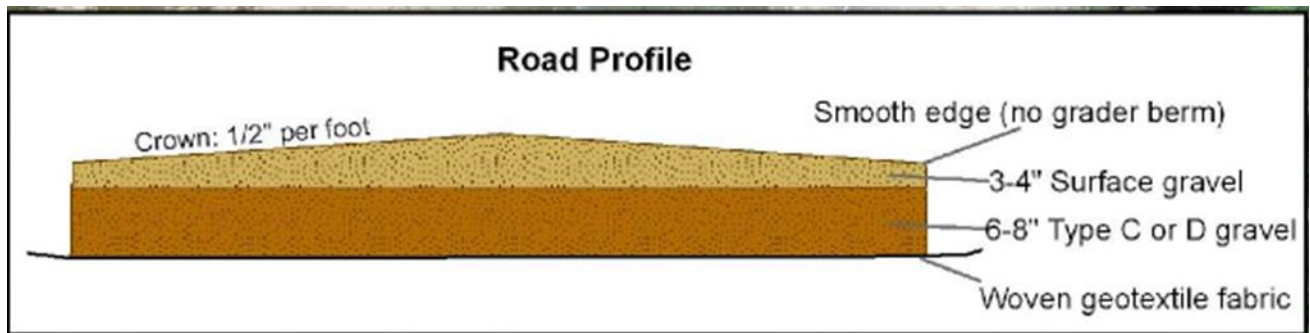
Construction Details



* Turnout width and depth should match ditch width and depth

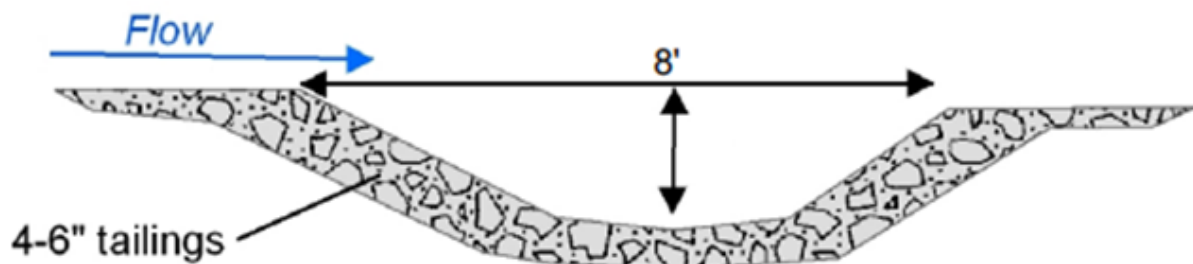
Super-elevated Road Profile





**TYPICAL V-SHAPED CHANNEL
CROSS-SECTION**

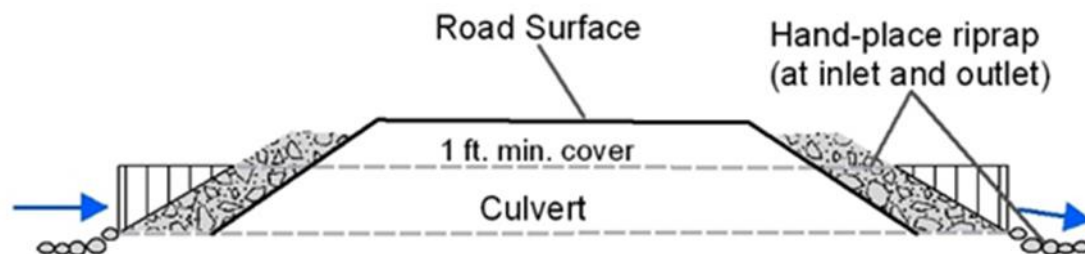
Rock-lined Plunge Pool Cross Section



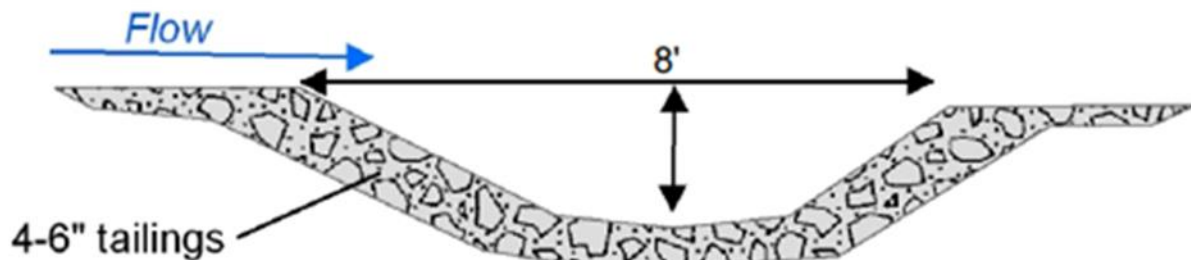
Webb Cove Road

The existing culvert at driveway # 40 has failed and has no bottom plate. Water is piping around and under the existing pipe and is at risk for collapse from heavy vehicles. Culvert should be replaced with a 24" diameter HPDE culvert with **sufficient length** to armor both inlet and outlet ends with 4-6" riprap stone. To capture any eroded gravel or sediment that gets through the culvert, before it reaches the lake, an 8' plunge pool should be constructed at the outlet end of the new pipe. This pool should have a bottom with a finished grade 12-14" below the bottom of the new culvert and be armored with 4-6" riprap for stabilization.

The new culvert should have a minimum of 12" of properly compacted cover material over the top of the pipe and needs to provide positive drainage along its length. If ledge is encountered and sufficient cover is not possible over the 24" culvert, a pair of 12" culverts can be substituted. This will not be as effective against freezing as the proposed, larger 24" culvert but will pass similar water volumes.



Rock-lined Plunge Pool Cross Section



Go Devil Intersection/Corner

Install plunge pools at both culvert inlets on north side of road corner. Pole # 5125 install rip rap around ditch corner and armor culvert inlet on north side of road.

On south side of intersection, armor ditch uphill of culvert inlet for 20' (in front of leach field) and around inlet of culvert.



Photos showing the two culvert inlets at the Go Devil intersection. Both locations are full of sediment accumulation. Install small plunge pools at both locations to intercept sediment before culvert/lake. Both pools should be stabilized with 4-6" riprap. Be sure that both culverts have sufficient riprap stabilization around both inlet and outlet ends.