



EXISTING STONE CULVERT (CU-130) 3' (W) X ±80' (L) SUPPORTS ROTTING OUT SIGNS OF STRESSED WALLS AND CROWN SEDIMENT DEPOSITION ON FLOOR

EXISTING CATCH BASIN (CB-0001) PLUMBED INTO EXISTING STONE CULVERT VIA "CHIMNEY" STRUCTURE. FLAT STONES PLACED BELOW RIM ACTING AS A "FALSE SUMP" - WATER EXIST CB BY SEEPING THROUGH CRACKS IN THE FALSE SUMP

EXISTING CATCH BASIN (CB-2578) INV(OUTLET) IS SET JUST BELOW THE CB RIM INTERCONNECTION IS IMPOSSIBLE WITHOUT FULL REPLACEMENT OF THE STRUCTURE

EXISTING DRAIN LINE (DL-3726) 12-IN RCP DRAIN LINE CONDITION IS UNKNOWN

EXISTING DRAINAGE SWALE

Legend

- Culvert Point
- Catch Basins
- Culvert
- Drain Line Unk
- Drain Line
- Streets
- Parcels

**STORMWATER EXISTING CONDITIONS
61 TO 68 WAVERLY STREET
TOWN OF ASHLAND**

NOTES:
THIS MAP IS NOT MEANT FOR SURVEY PURPOSES. TO BE USED AS AN INFORMATIONAL GUIDE/REFERENCE ONLY. THE TOWN OF ASHLAND MAKES REASONABLE EFFORTS TO ENSURE THAT INFORMATION IS ACCURATE, HOWEVER, THERE MAY BE DISCREPANCIES WITH ACTUAL SITE CONDITIONS.

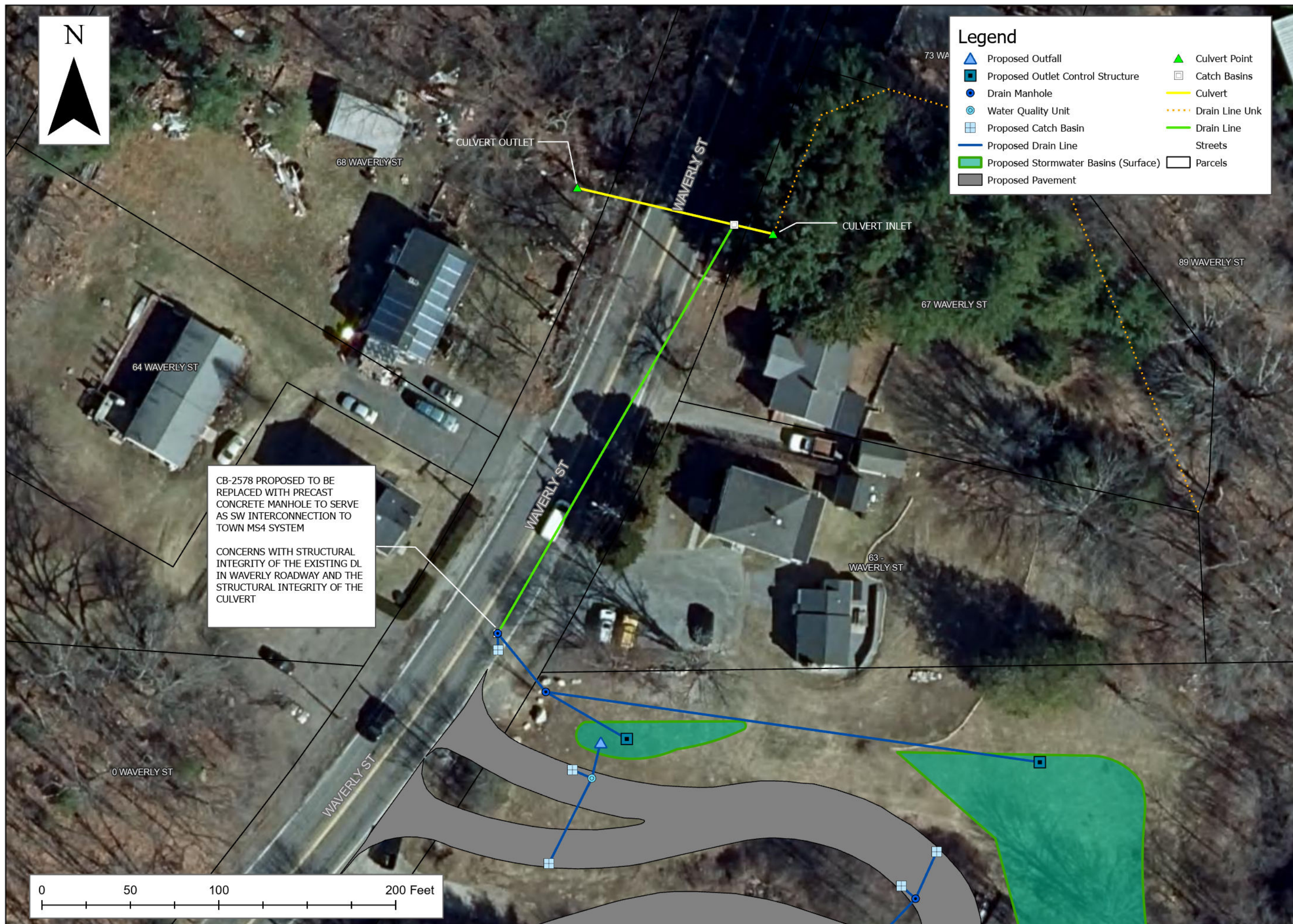
1"=50' Scale: 1:600

PG 1 OF 2



Legend

Proposed Outfall	Culvert Point
Proposed Outlet Control Structure	Catch Basins
Drain Manhole	Culvert
Water Quality Unit	Drain Line Unk
Proposed Catch Basin	Drain Line
Proposed Drain Line	Streets
Proposed Stormwater Basins (Surface)	Parcels
Proposed Pavement	

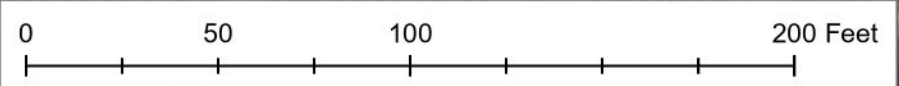


CB-2578 PROPOSED TO BE REPLACED WITH PRECAST CONCRETE MANHOLE TO SERVE AS SW INTERCONNECTION TO TOWN MS4 SYSTEM

CONCERNS WITH STRUCTURAL INTEGRITY OF THE EXISTING DL IN WAVERLY ROADWAY AND THE STRUCTURAL INTEGRITY OF THE CULVERT

**STORMWATER PROPOSED CONDITIONS
61 TO 68 WAVERLY STREET
TOWN OF ASHLAND**

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1"=50' Scale: 1:600

PG 2 OF 2



Inlet side of culvert

RCP portion of culvert
daylights at inlet

Signs of stress on RCP; segments have
started to break away from one another,
warping the RCP channel





Better visual of warped RCP channel



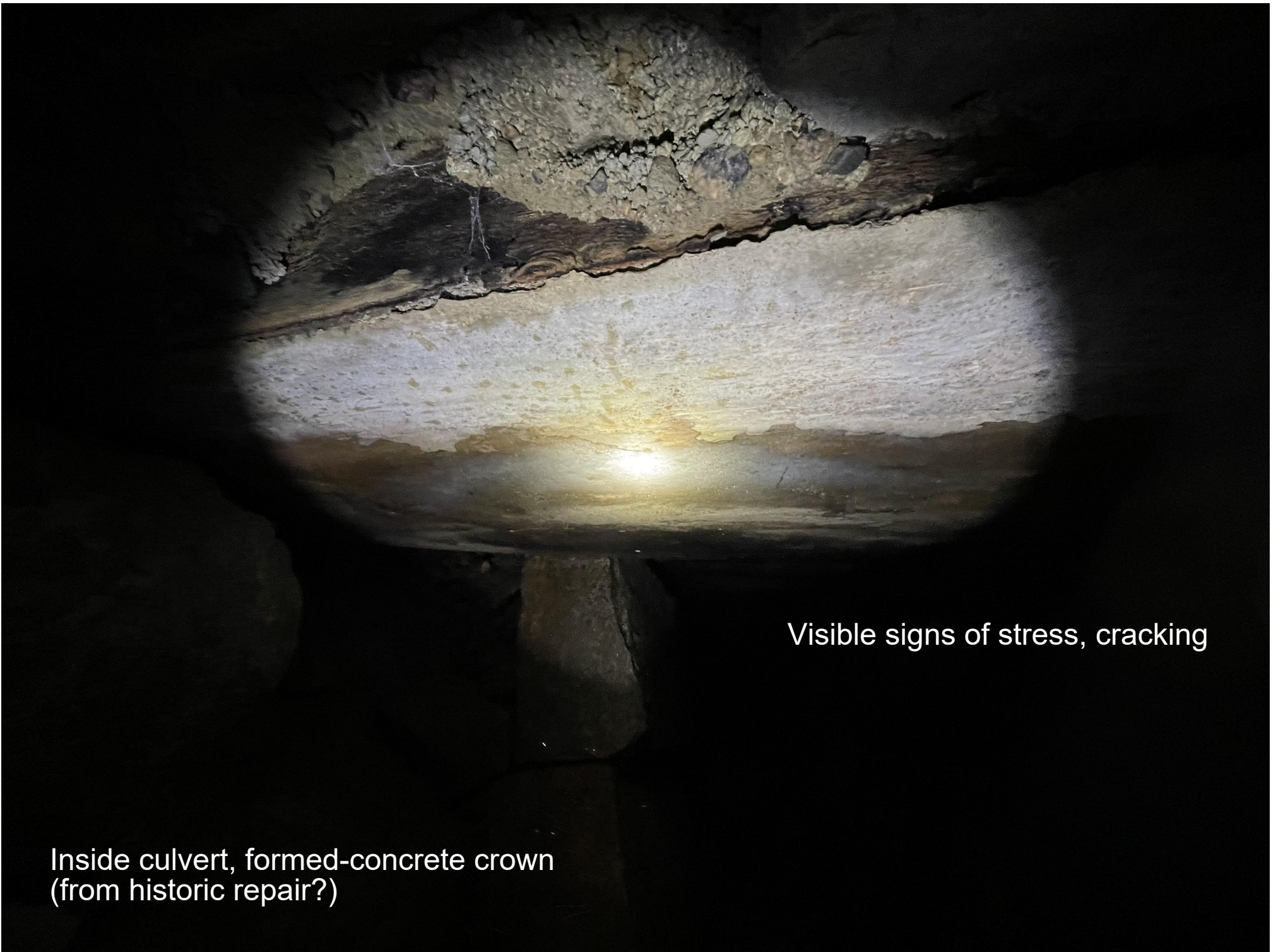
Rotted steel beams

RCP portion of culvert daylight at inlet

View from inside culvert, seepage on walls and crown



Better visual of the rotting steel beams



Visible signs of stress, cracking

Inside culvert, formed-concrete crown
(from historic repair?)



looks like stone is bowing from stress

More cracking



stone walls of culvert are crumbling,
Sediment deposits on rock





Looking inside culvert from outlet side

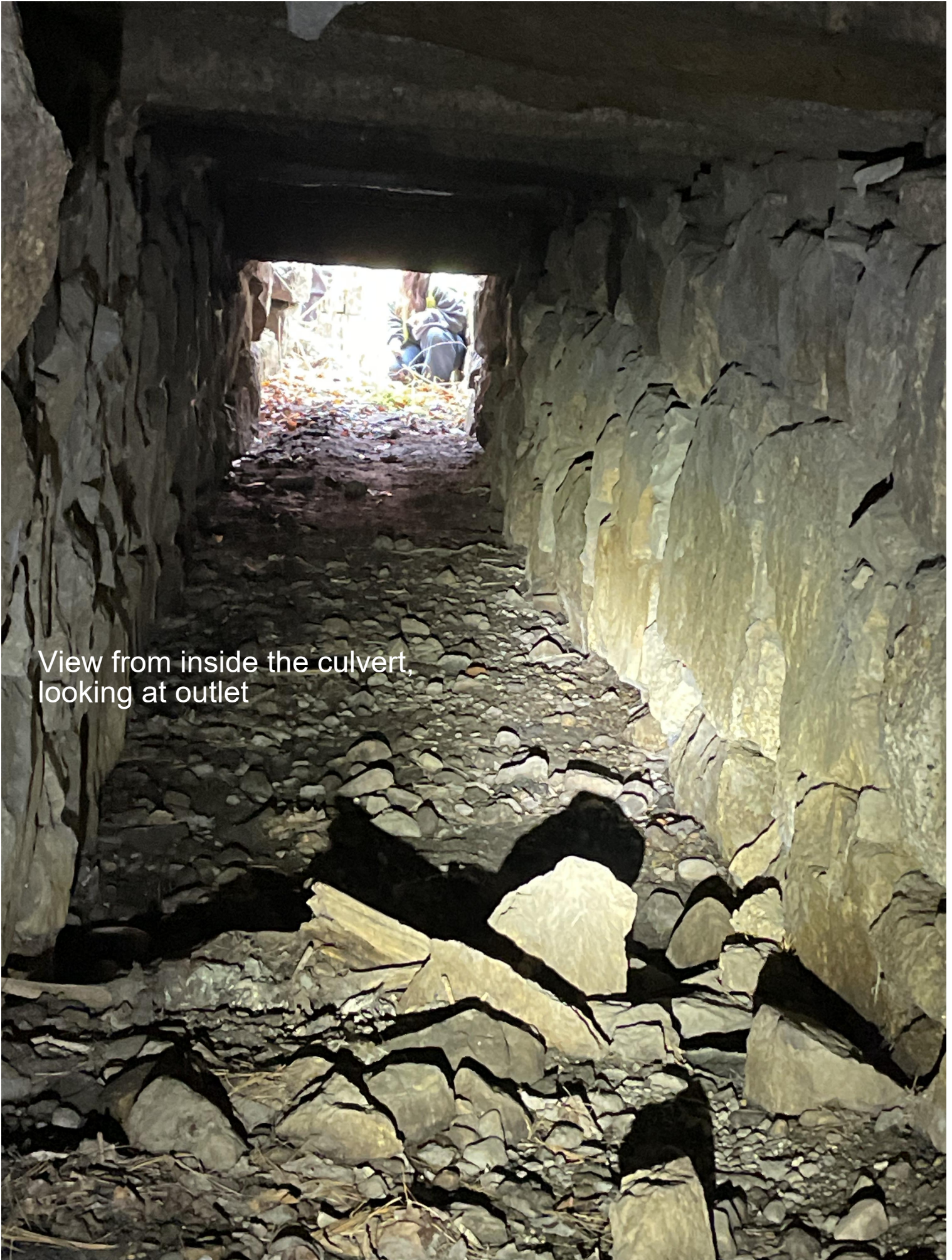
DL_3726 outlet from inside the culvert



CB_2578

INV(out): 12" RCP
Only about 6-12" below
the CB rim

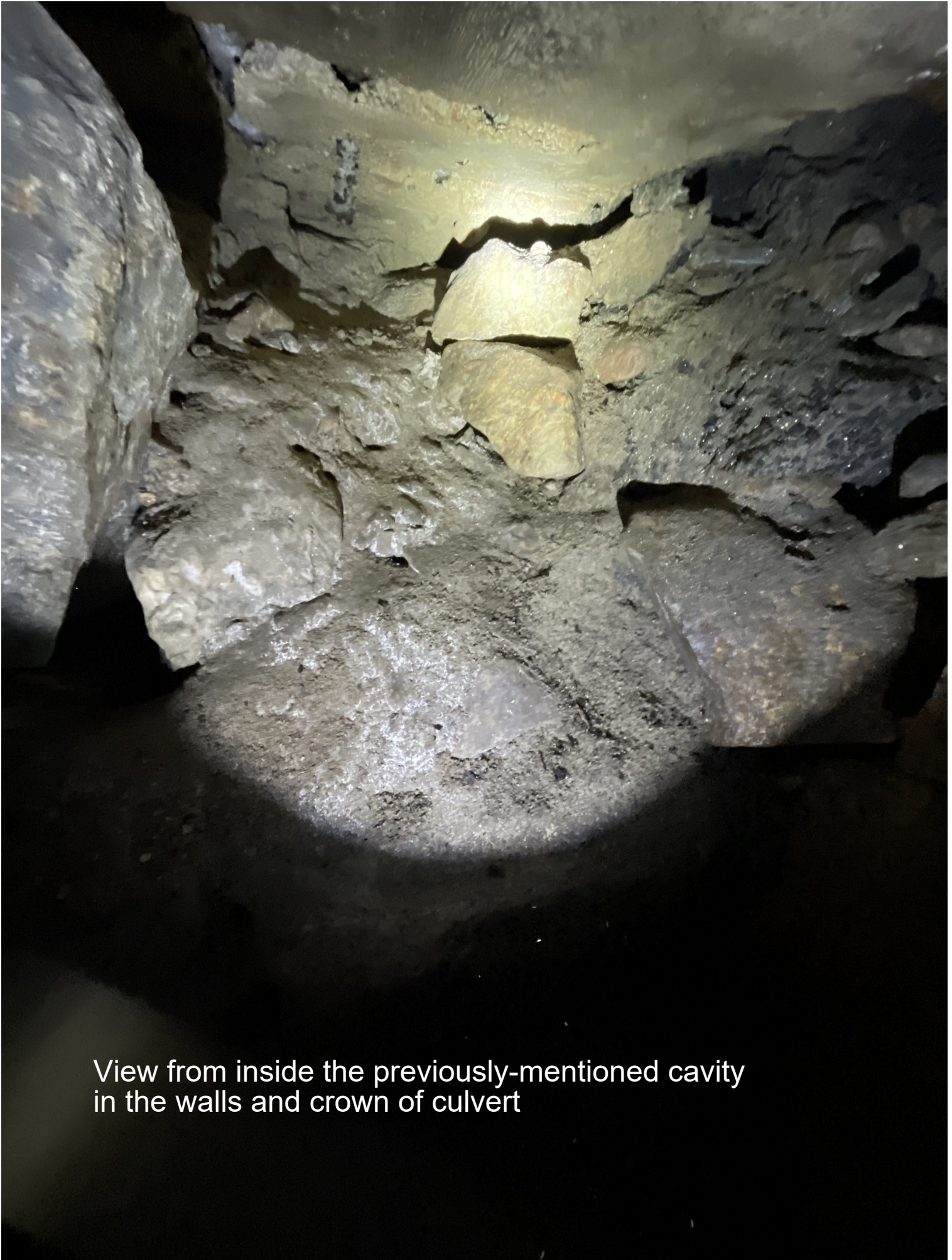




View from inside the culvert,
looking at outlet



Cavity that has formed in the walls and bypassed the crown of the culvert.



View from inside the previously-mentioned cavity
in the walls and crown of culvert

Sediment deposits on culvert floor





CB_2578



CB_0001



CB_0001





CB_0001

View of CB_0001 from inside the culvert,
"false sump" seen at the top of the chimney structure





