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show options

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2014 Replaced Tubes

2014 Replaced Tubes

NRCS + FEMA mitigation

2014 Rebuild Rock wall
NRCS



cherry va

Adair Road

OTSEGO COUNTY HIGHWAY DEPARTMENT WATERSHED CALCULATION WORKSHEET USING TALBOT'S FORMULA

Feature Carried: Adair Rd.
Feature Crossed: Trib.Pleasant Brook
Town: Roseboom
BIN:

Total Acres In Watershed: 39.00 Acres

Proposed Waterway Opening: 5.15 Sq. Ft.

Select One: 0.33

Mountainous Country	1.00
Rolling Country	0.33
Level Country	0.20

Talbot's Formula: $A=C(4\text{th Root } M^3)$

A: Area (Sq. Ft.)

C: Coefficient of terrain (1, 0.33, 0.20)

M: Acres within watershed

Approx. Pipe Size: 42" x 29"

**OTSEGO COUNTY HIGHWAY DEPARTMENT
WATERSHED CALCULATION WORKSHEET USING TALBOT'S FORMULA**

Feature Carried: Adair Rd.
Feature Crossed: Trib.Pleasant Brook
Town: Roseboom
BIN:

Total Acres In Watershed: 344.00 Acres

Proposed Waterway Opening: 26.36 Sq. Ft.

Select One: 0.33

Mountainous Country	1.00
Rolling Country	0.33
Level Country	0.20

Talbot's Formula: $A=C (4\text{th Root } M^3)$

A: Area (Sq. Ft.)

C: Coefficient of terrain (1, 0.33, 0.20)

M: Acres within watershed

Approx. Pipe Size: 7'3" x 5'3"

**OTSEGO COUNTY HIGHWAY DEPARTMENT
WATERSHED CALCULATION WORKSHEET USING TALBOT'S FORMULA**

Feature Carried: Adair Rd.
Feature Crossed: Pleasant Brook
Town: Roseboom
BIN:

Total Acres In Watershed: 1421.00 Acres

Proposed Waterway Opening: 76.38 Sq. Ft.

Select One: 0.33

Mountainous Country	1.00
Rolling Country	0.33
Level Country	0.20

Talbot's Formula: $A=C(4\text{th Root } M^3)$

A: Area (Sq. Ft.)

C: Coefficient of terrain (1, 0.33, 0.20)

M: Acres within watershed

Approx. Pipe Size: 12'10" x 8'4"

1 - N.W.P.
2 - FEMA 4129
3 - FEMA 4031
All work Completed
Fall 2014

72" x 47" Culverts
1870524870 / 4728570

Site 2

Tubes Replacement

Site 1

18070524866

4728496

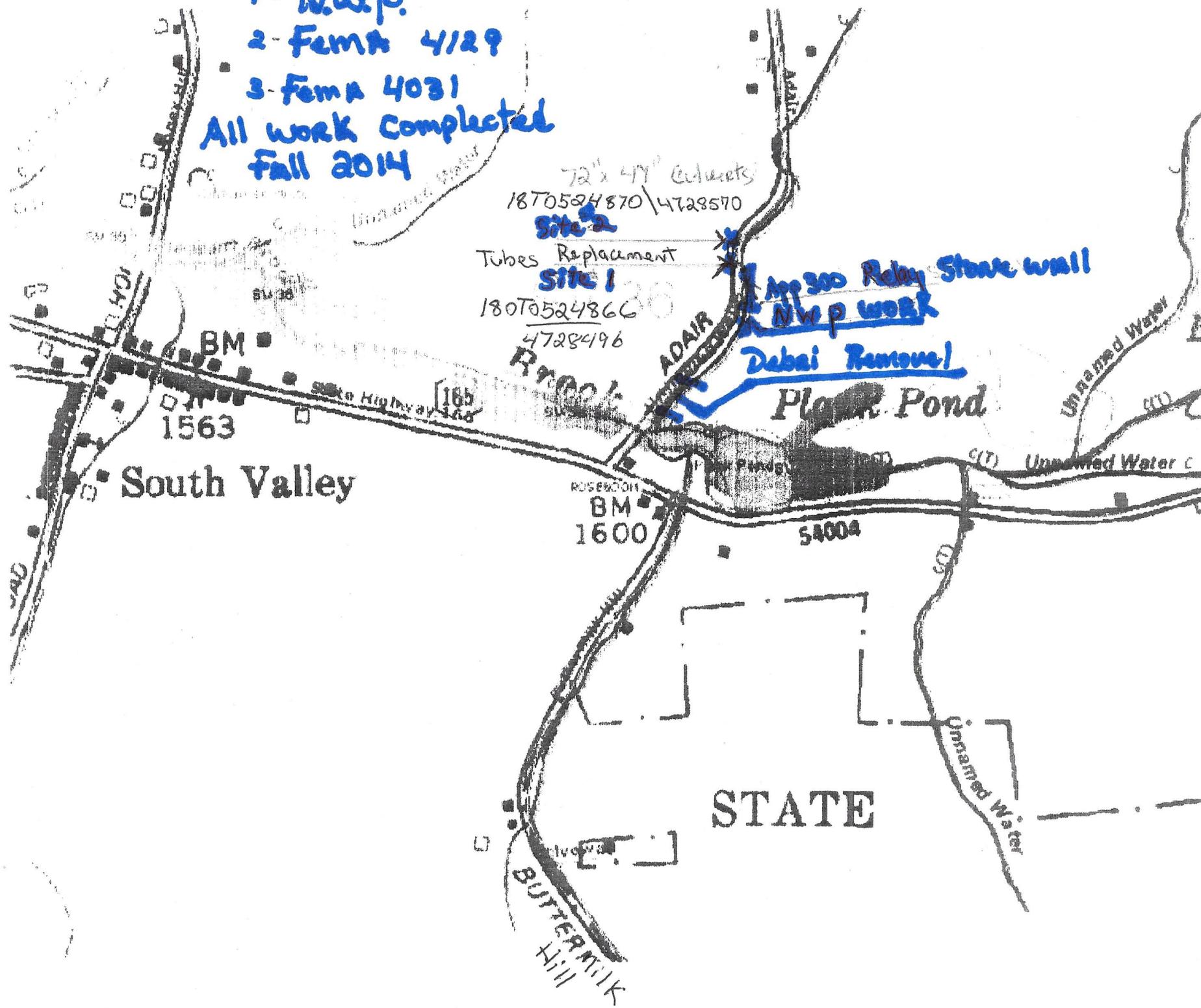
App 300 Relay Stone wall
NWP work

Dabai Removal

Plank Pond

South Valley

STATE





Adair Road 2006 Flood

Notice the stream is almost level with the road and the culverts are full. There were no stream borders then.

The FEMA culvert enlargement project included lowering the stream bed and adding large block walls.



Adair Road Culvert Replacement 1



Adair Road FEMA Culvert Replacement Project

Notice the lowered stream bed with new stone block wall.



Adair Road Culvert Replacement 2