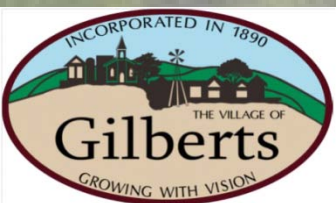


Gilberts Glen/Binnie Road Storm Sewer and Detention Pond Improvements



FINAL ENGINEERING PLANS FOR GILBERTS GLEN DRAINAGE IMPROVEMENTS

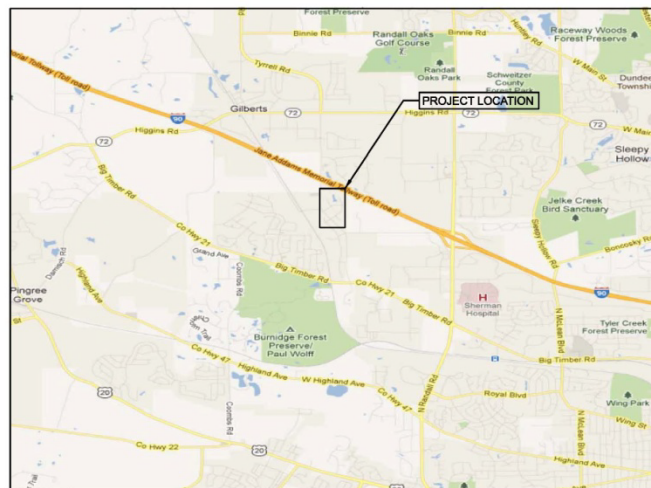
VILLAGE OF GILBERTS, KANE COUNTY, ILLINOIS
SECTION 25, TOWNSHIP 42 NORTH, RANGE 7 EAST

2012

ESI CONSULTANTS PROJECT NO: 11-393

INDEX OF DRAWINGS

1. COVER SHEET
2. STORM SEWER LAYOUT
3. STORM SEWER LAYOUT
4. CROSS SECTIONS
5. CROSS SECTIONS
6. CROSS SECTIONS
7. CROSS SECTIONS



LOCATION MAP
NOT TO SCALE

BENCHMARKS

BENCHMARK 1
KANE COUNTY BENCHMARK 35-42-7
ELEVATION: 920.37
N: 1981437.164
E: 962042.743

BENCHMARK 2
KANE COUNTY BENCHMARK 21-42-7
ELEVATION: 903.97
N: 1981437.164
E: 962042.743

OWNER

VILLAGE OF GILBERTS
87 GALLIGAN ROAD
GILBERTS, IL 60136
PHONE: 847.428.2861 | FAX: 847.428.2955

CONTRACTOR

PHOENIX & ASSOCIATES
94 RAILROAD STREET
GILBERTS, IL 60136
TEL: 847.836.1090 | FAX: 847.836.1092

ENGINEER

ESI CONSULTANTS, LTD
1979 NORTH MILL STREET, SUITE 100
NAPERVILLE, IL 60563
TEL: 630.420.1700 | FAX: 630.420.1733

RECORD DRAWINGS

RECORD DRAWING CERTIFICATION

I, ANTHONY MALONE, A LICENSED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THESE "RECORD DRAWINGS" PERTAINING TO THE IMPROVEMENTS SHOWN ON THESE PLANS HAVE BEEN PREPARED FOR THE PROJECT KNOWN AS "GILBERTS GLEN DRAINAGE IMPROVEMENTS" BY ESI CONSULTANTS, LTD. AND CONTAIN INFORMATION PROVIDED BY THE CONTRACTOR. IT IS OUR PROFESSIONAL OPINION THAT THESE "RECORD DRAWINGS" ACCURATELY DEPICT AND SUBSTANTIATE THAT THE IMPROVEMENTS CONSTRUCTED AS PART OF THIS PROJECT WILL FUNCTION IN SUBSTANTIAL CONFORMANCE WITH THE DESIGN INTENT.

DATED THIS _____ DAY OF _____, A.D., 2012

ILLINOIS REG. PROF. ENGINEER NO.062-049869 EXPIRATION DATE 11/30/2013



Know what's below.
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DEVELOPMENT & LAND USE CONSULTANTS
94 RAILROAD STREET - GILBERTS, IL 60136
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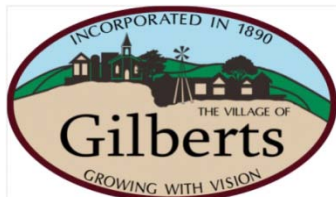
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS
1	01/11/2010	SCHEMATIC			

ESI PROJECT NO. 11-393	ENGR. AM
FILE: 01-Cover	TECH: BP
DATE: 01-11-2010	QA/QC:

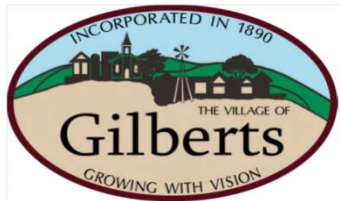
**GILBERTS GLEN DRAINAGE
IMPROVEMENTS**
GILBERTS, ILLINOIS

COVER SHEET

DRAWING NO.
1

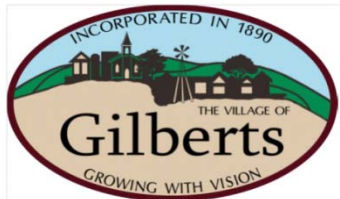






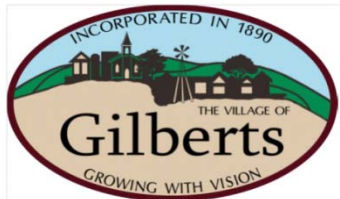
Binnie Road Flooded





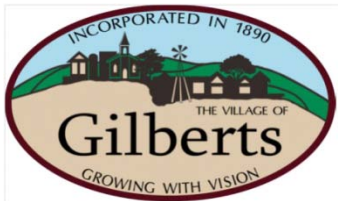
More Binnie Road flooding



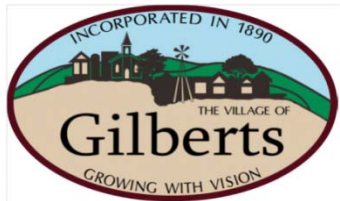


New Tile For Binnie Road Drainage



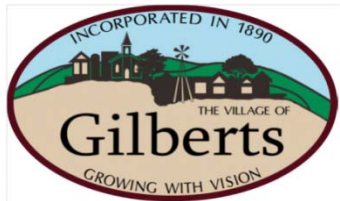


**BAXTER
&
WOODMAN**



Binnie Trib Swale Complete





Binnie Road Reconstructed



FINAL ENGINEERING PLANS FOR GILBERTS GLEN DRAINAGE IMPROVEMENTS

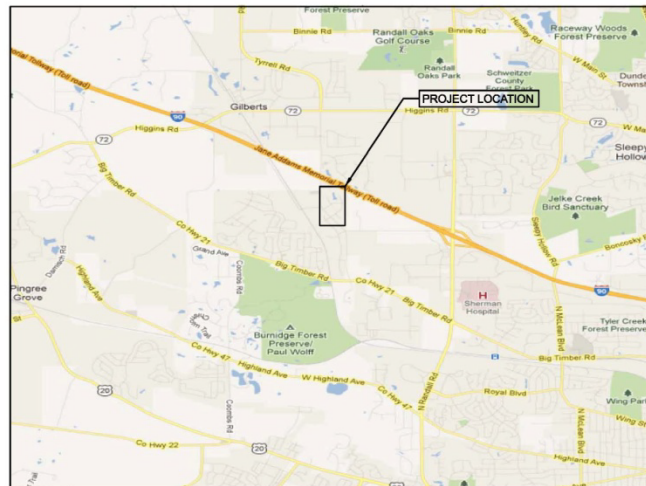
VILLAGE OF GILBERTS, KANE COUNTY, ILLINOIS
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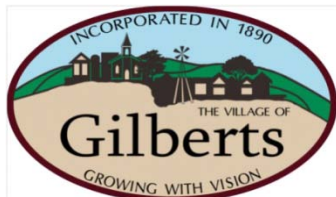
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS
1	01-11-2010	SCHEMATIC DEVELOPMENT			

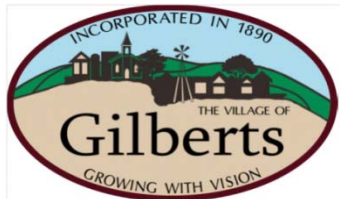
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**GILBERTS GLEN DRAINAGE
IMPROVEMENTS**
GILBERTS, ILLINOIS

COVER SHEET

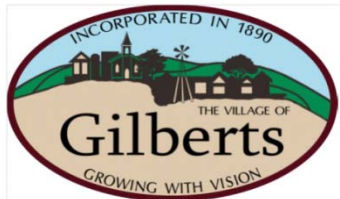
DRAWING NO.
1





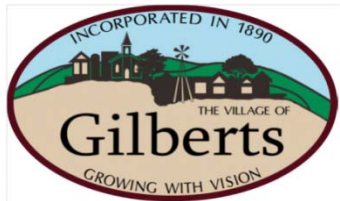
Pond Full Condition





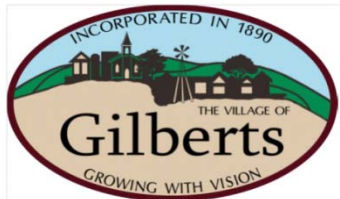
Pond Full No Beach





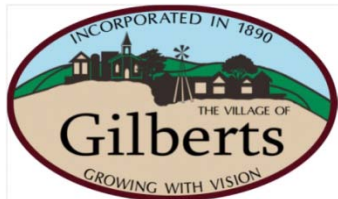
Pond High Water





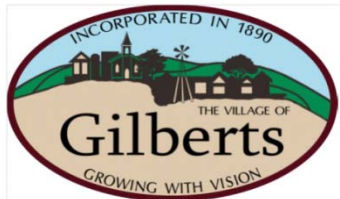
Pond Outlet Clearing





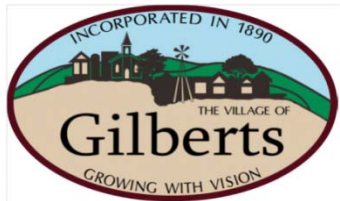
Outlet Exposed





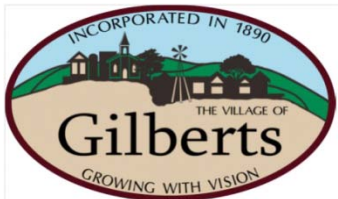
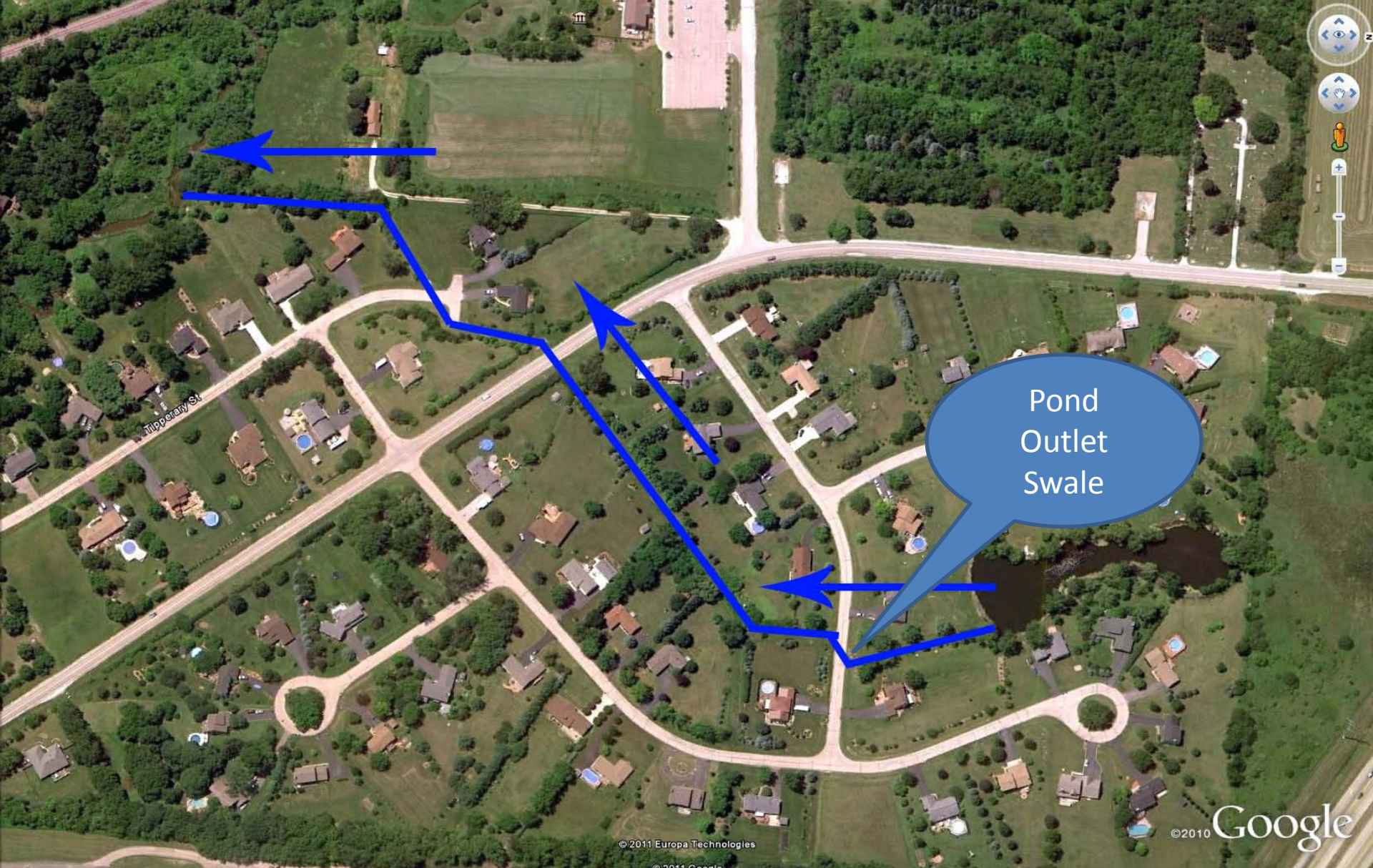
New Opening in Outlet





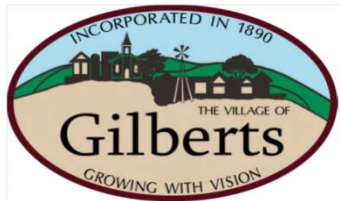
New Outlet Piping





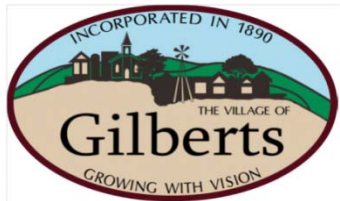
GC Aerial





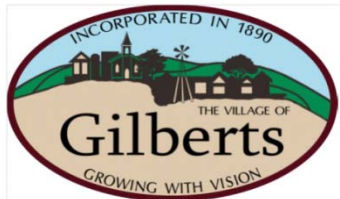
Pond Swale Pre Project





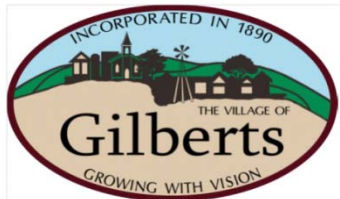
Swale flooding and beyond





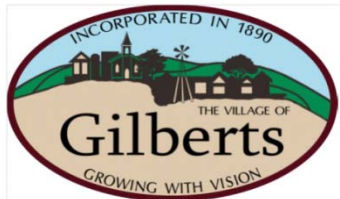
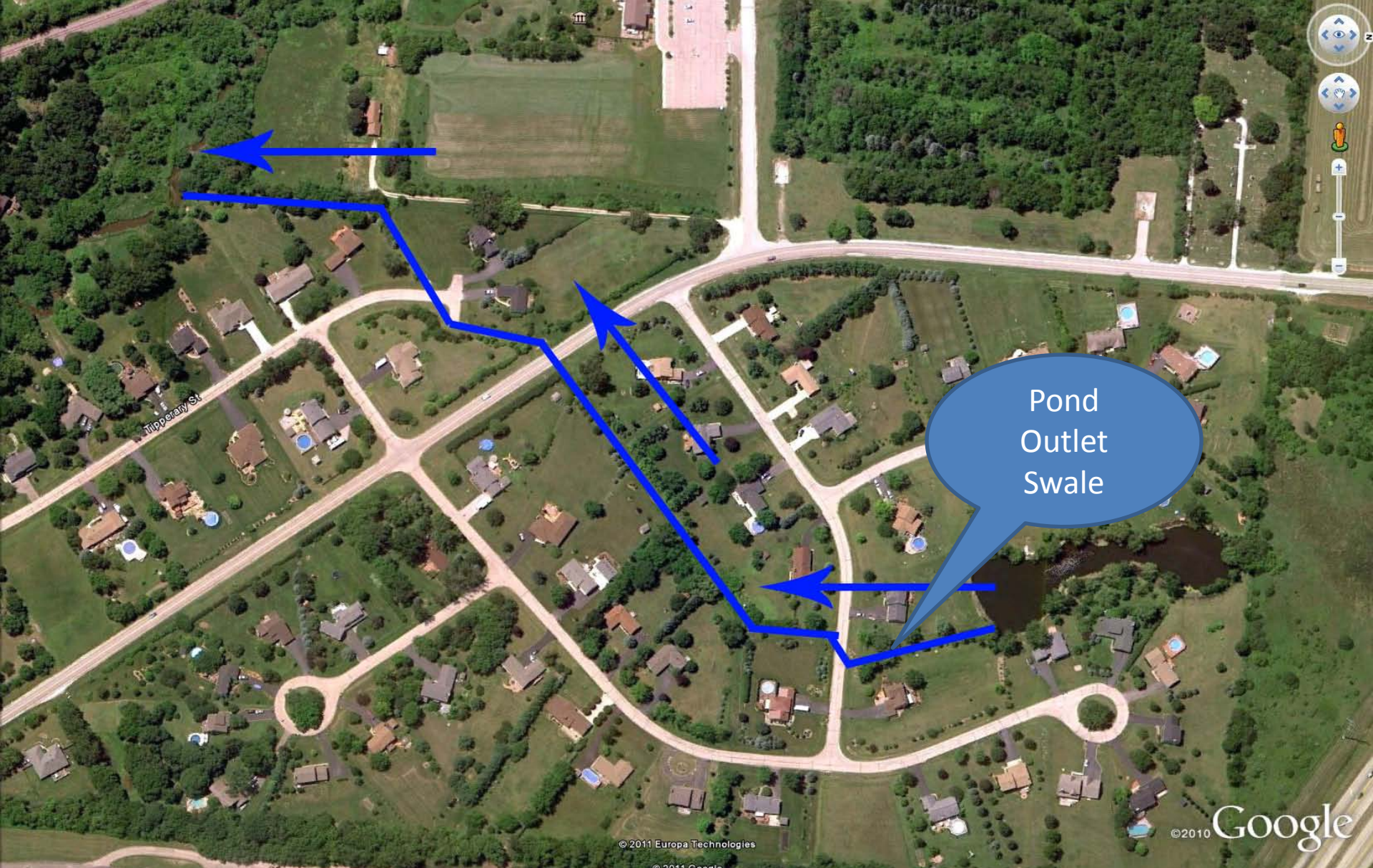
Pond Outlet Ditch Interim Structure





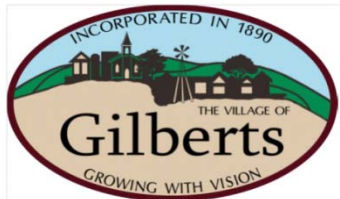
Old Tile Found





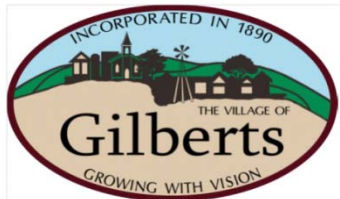
GC Aerial





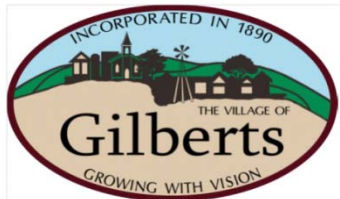
So you wanna see some drainage?





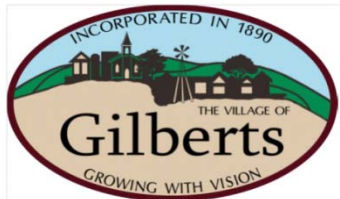
Pond Level Restored





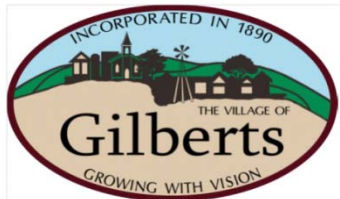
Pond Restoration Looking South





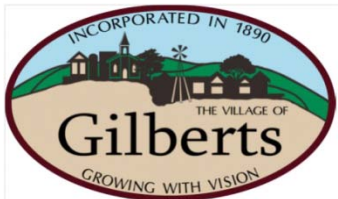
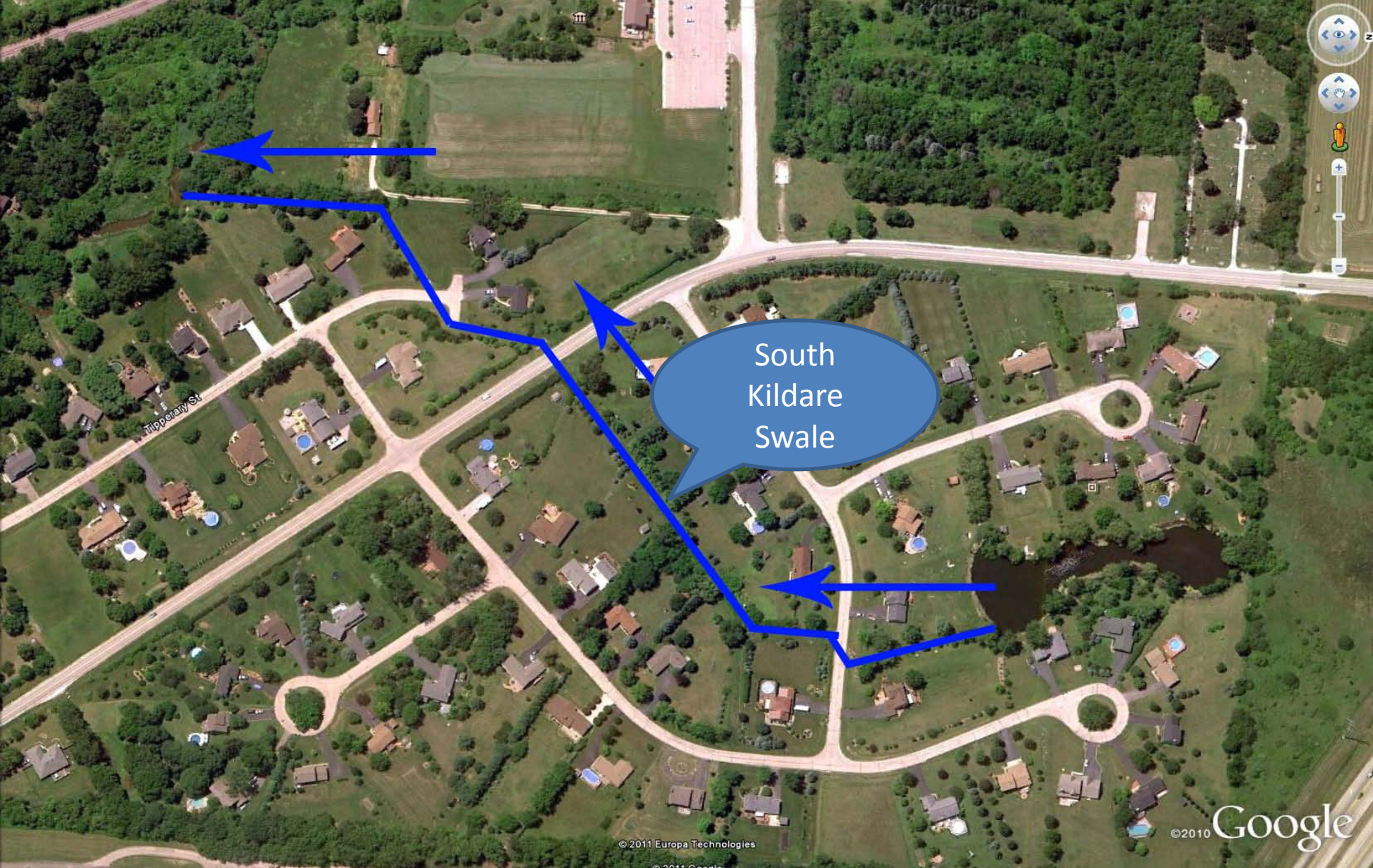
Pond Slope Restoration East





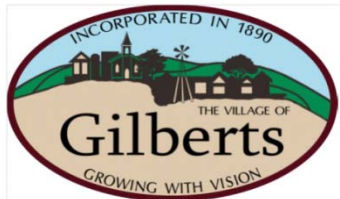
Outlet Completed





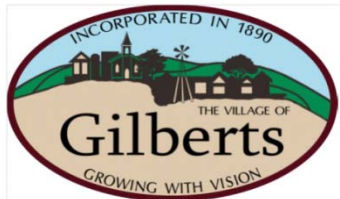
GC Aerial





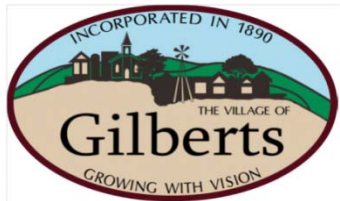
Swale South of Kildare





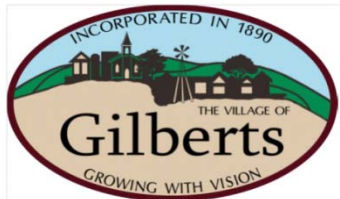
Flooding south of Kildare





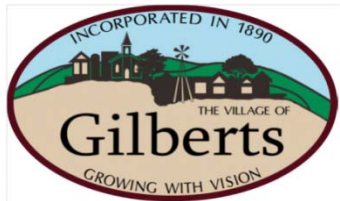
Flooding looking North at Kildare





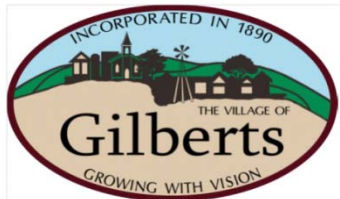
Structure at fence corner





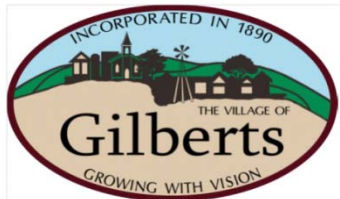
Tiles Tiles Tiles





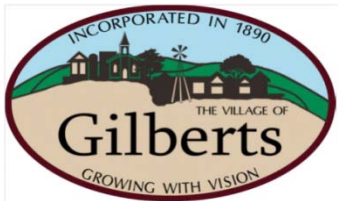
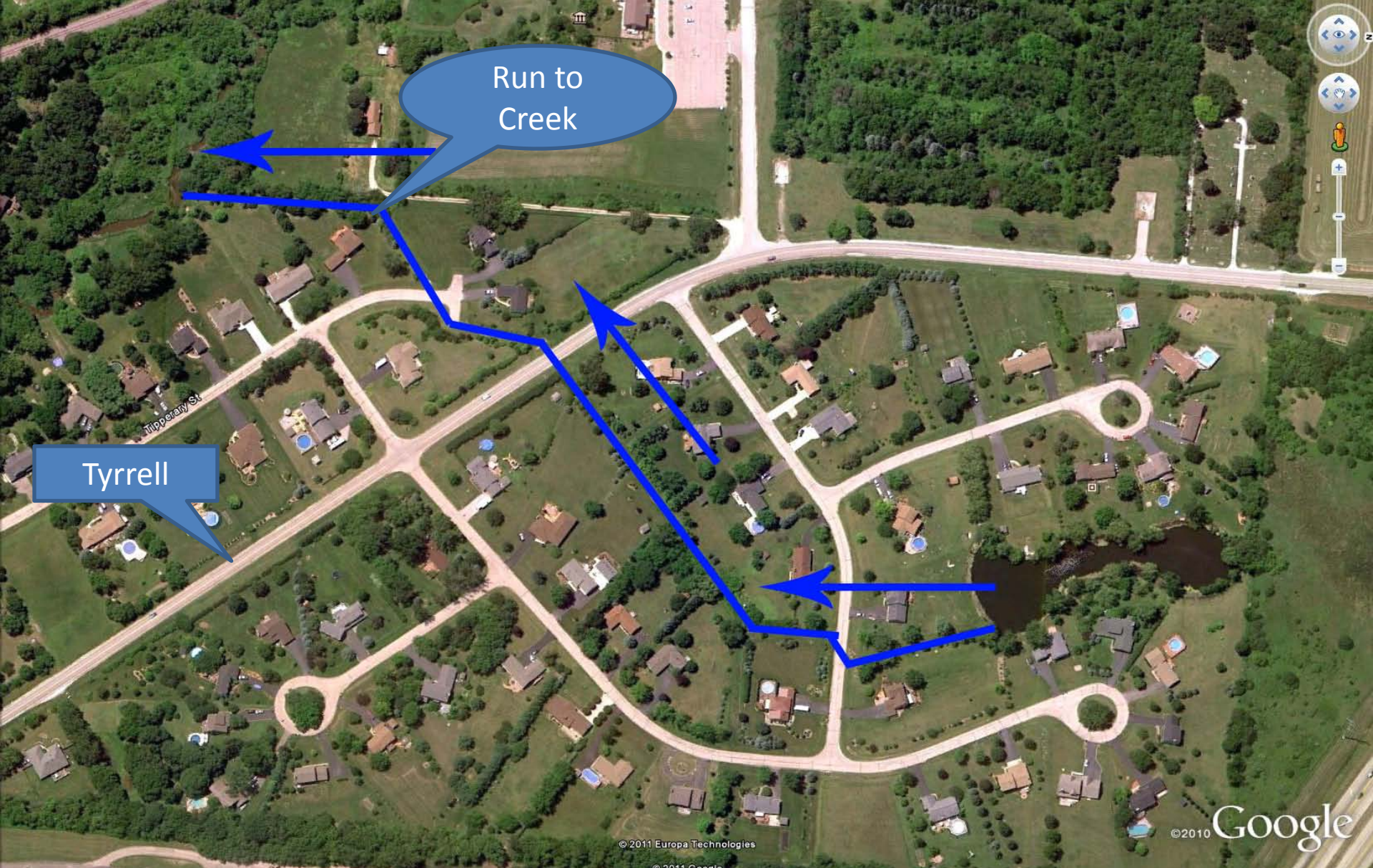
Is this Chicago?





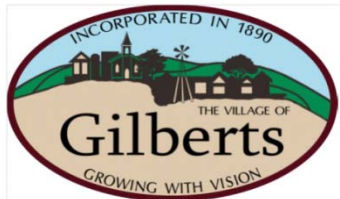
Out with the old and in with the new





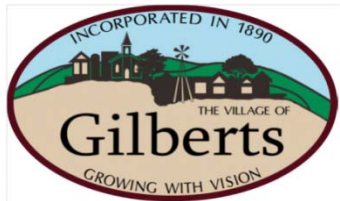
GC Aerial





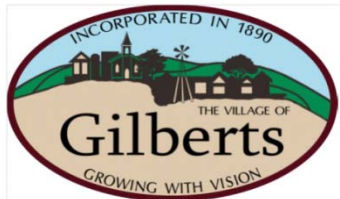
Close quarters





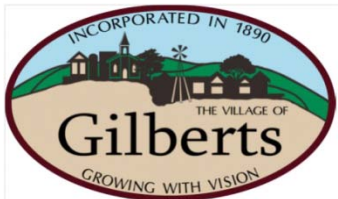
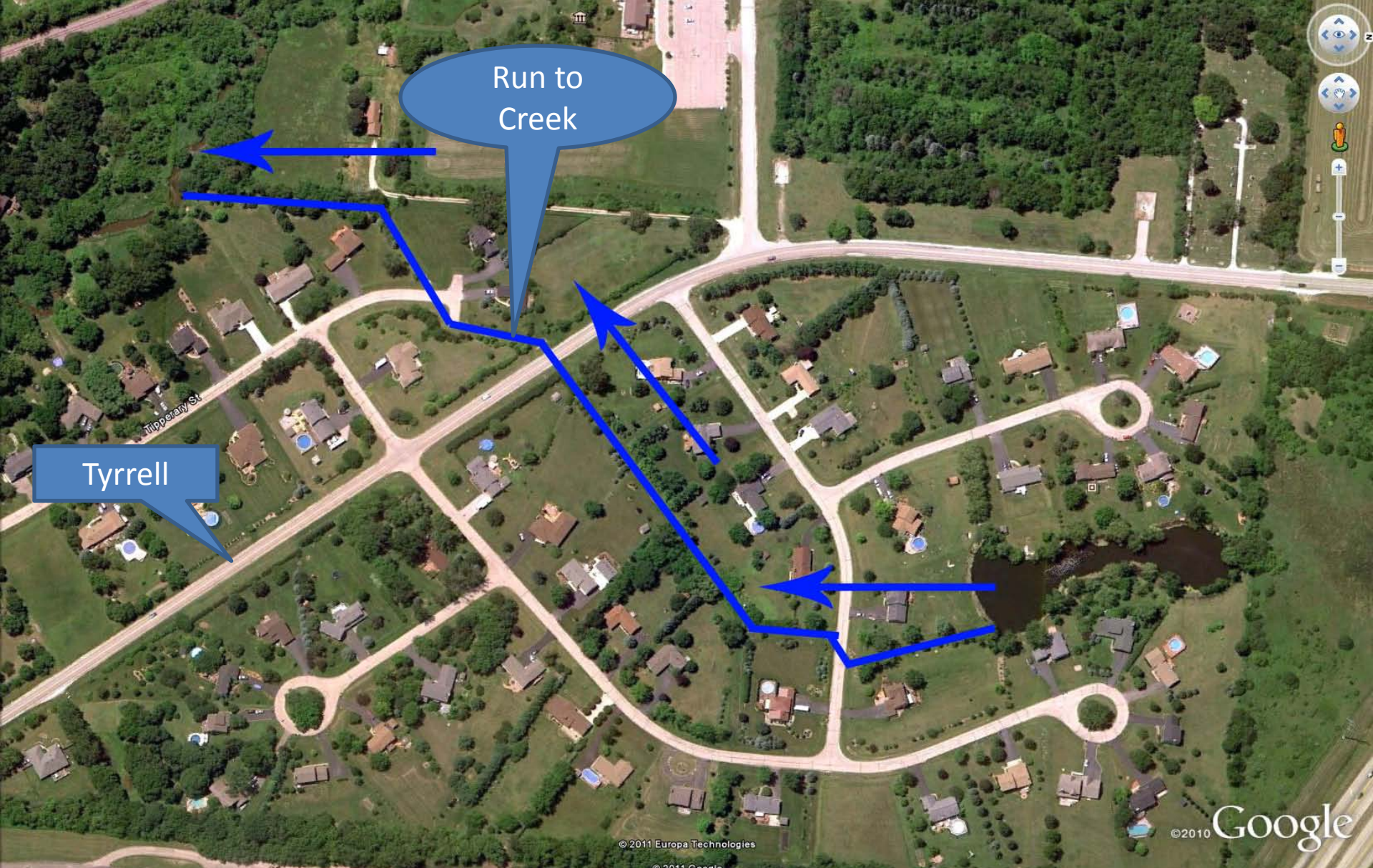
Excavation minimized





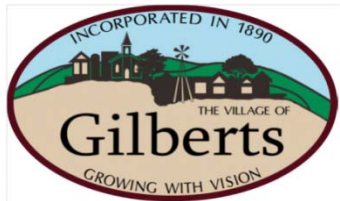
Pipe run to Tyler Creek





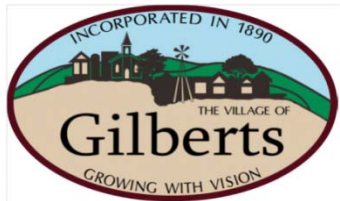
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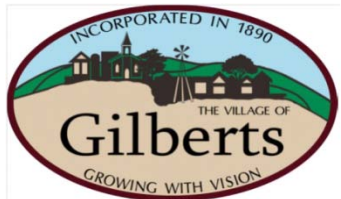
Restoration in progress





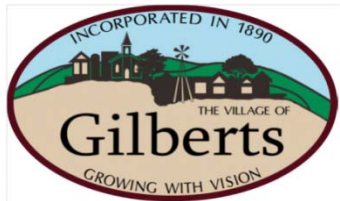
Blanket put down





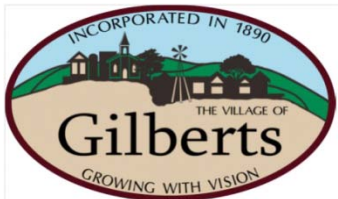
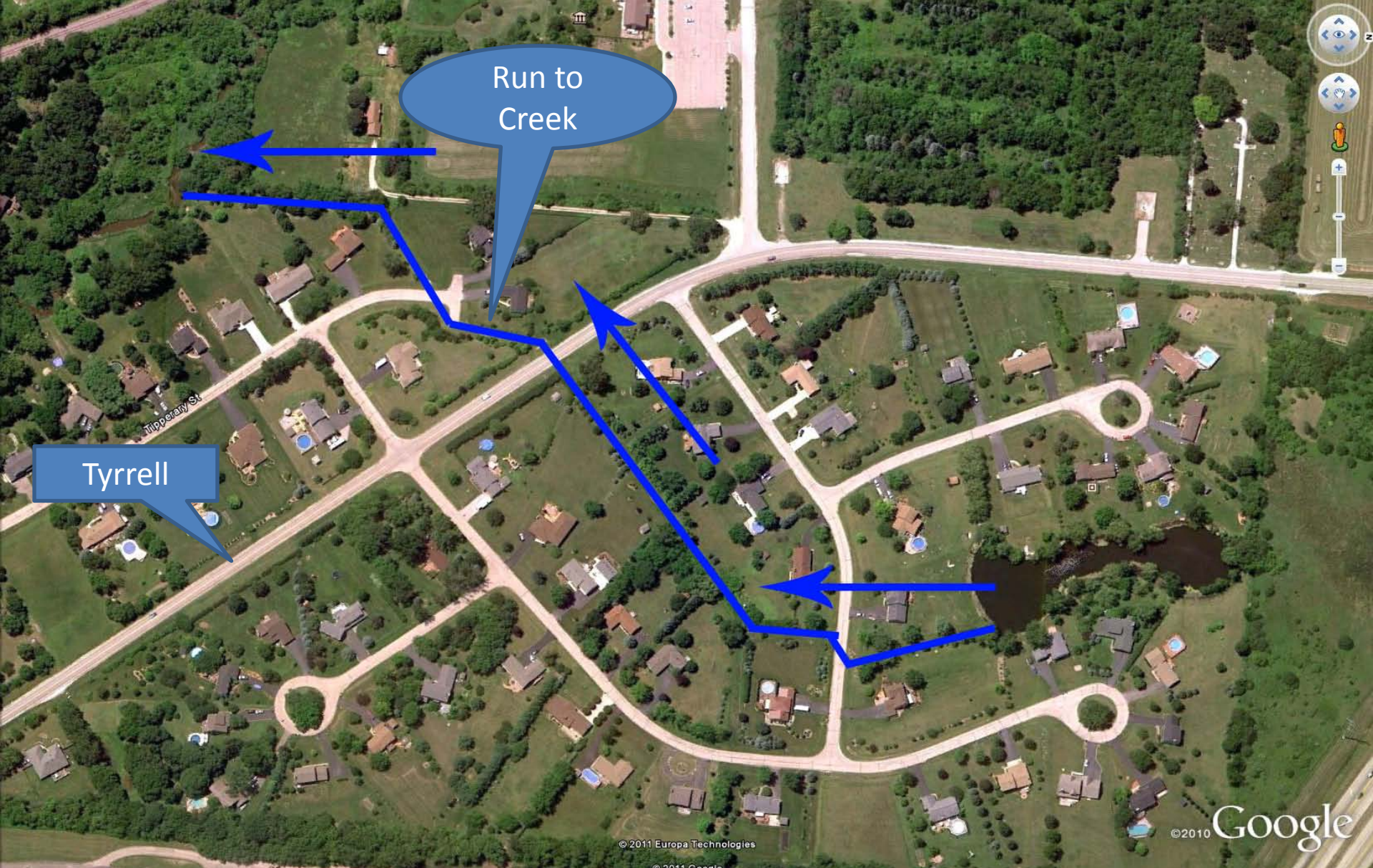
Just in Time





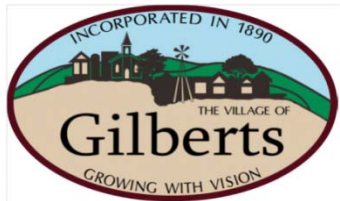
Flood to Tyler Creek





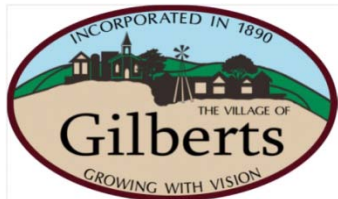
GC Aerial





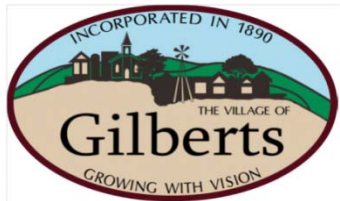
Restoration looking south at Tyrrell culverts





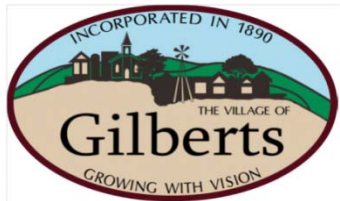
Restoration looking South towards Tyrrell





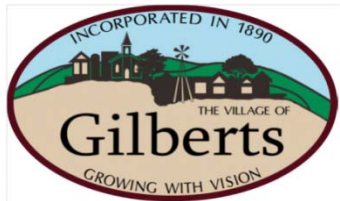
Trench and Swale Restoration





Perfect restoration weather





Finished Outlet





Phoenix & Associates

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