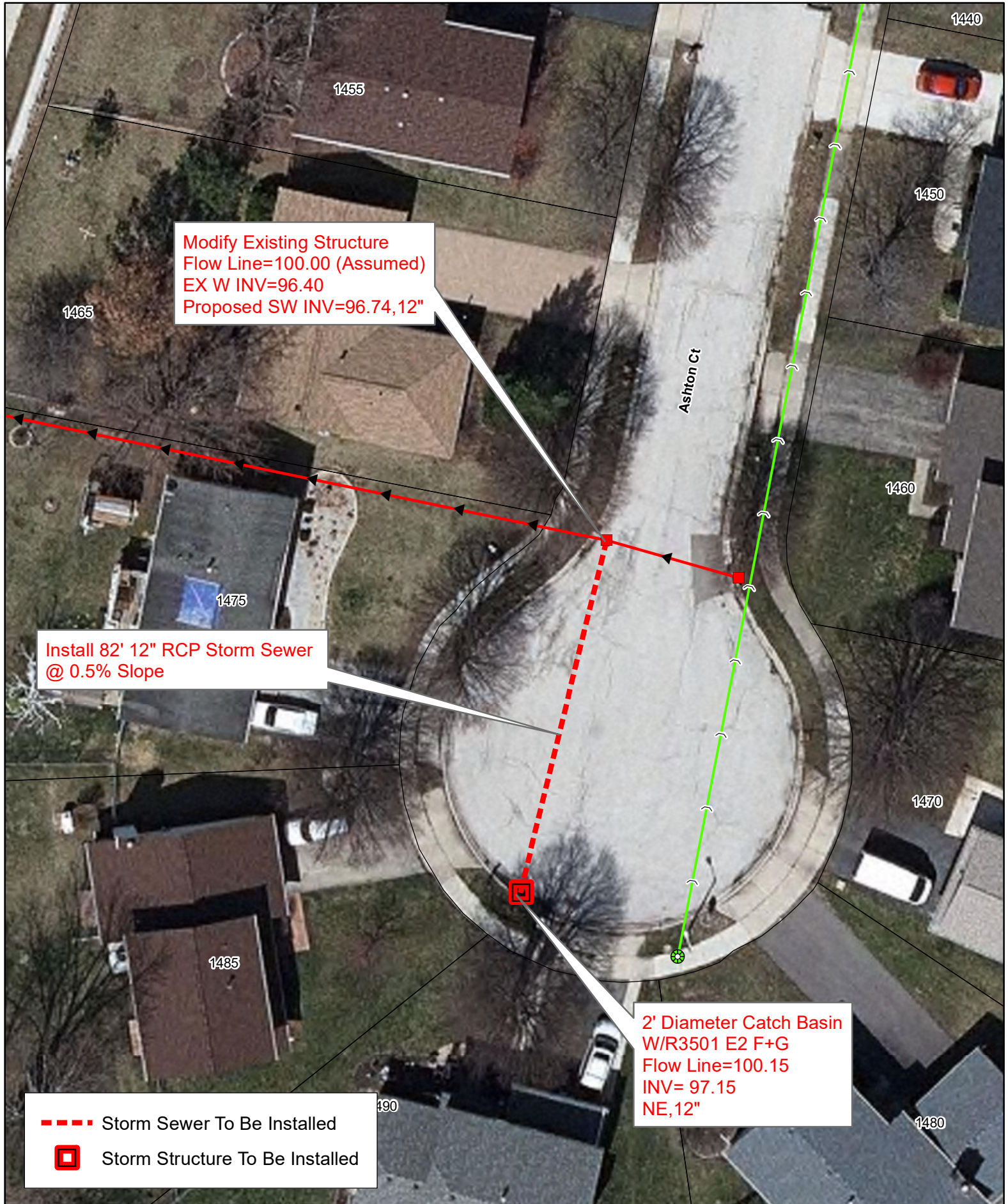
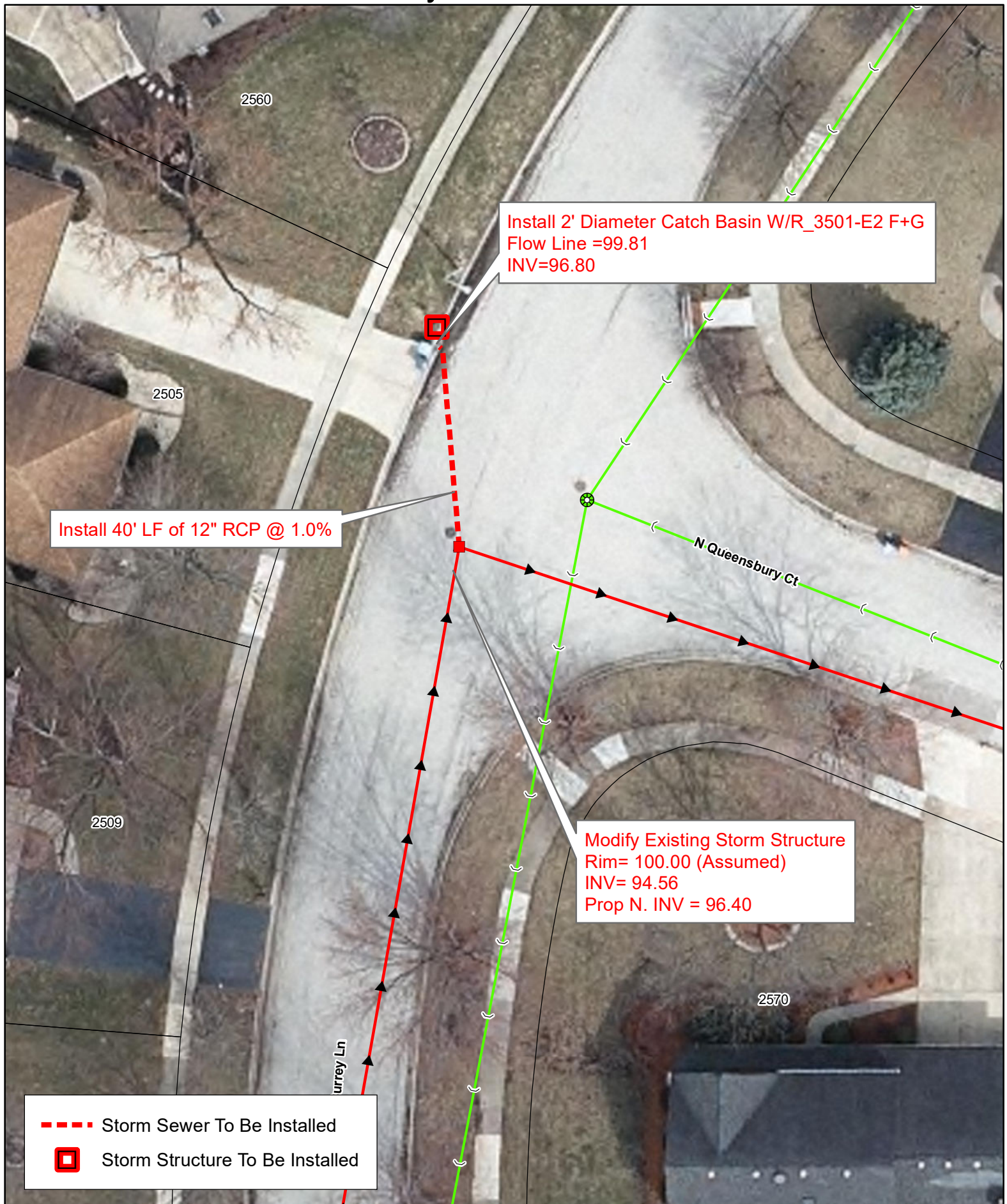


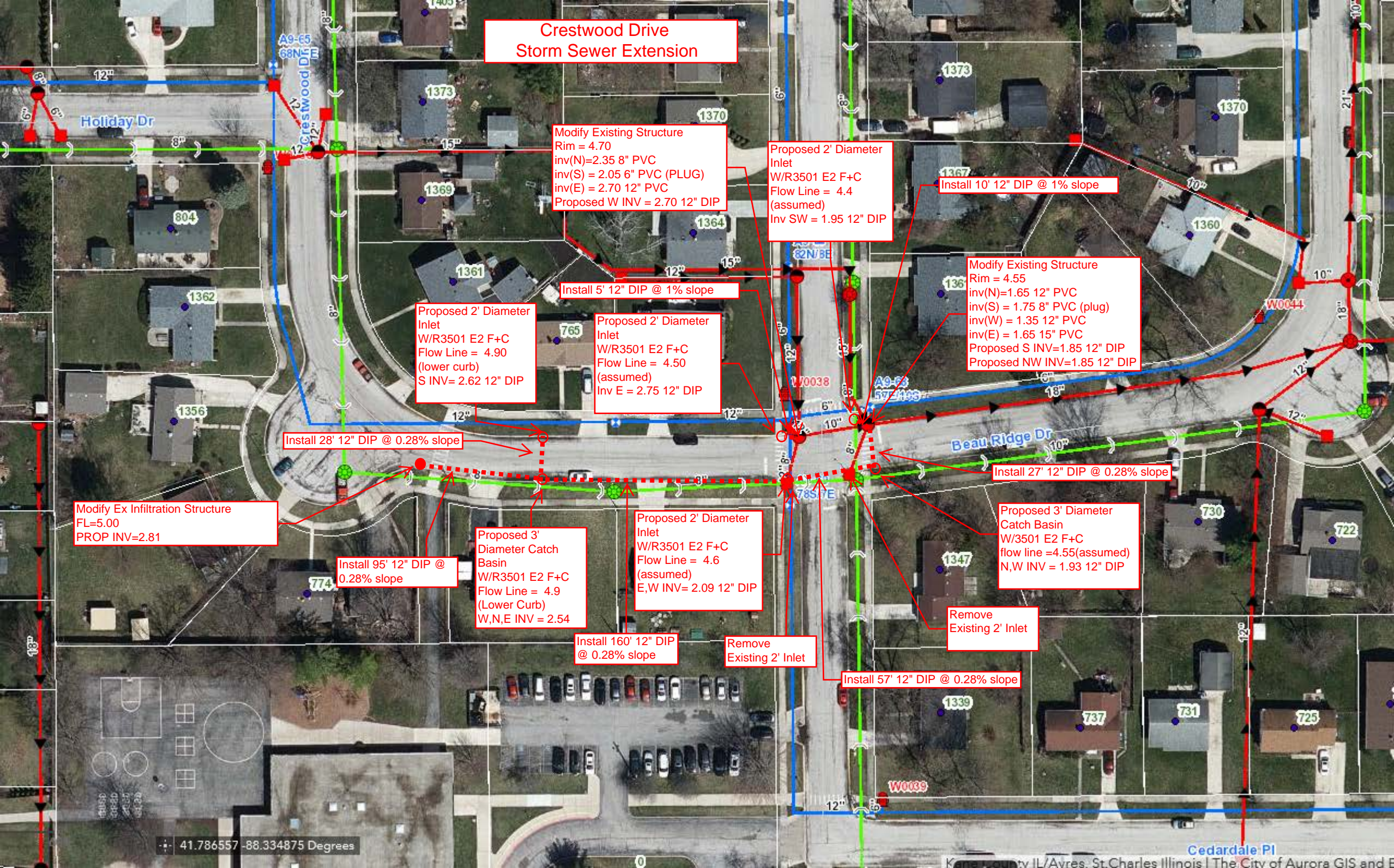
Ashton Court Storm Sewer Extension



Coach & Surrey Storm Sewer Extension

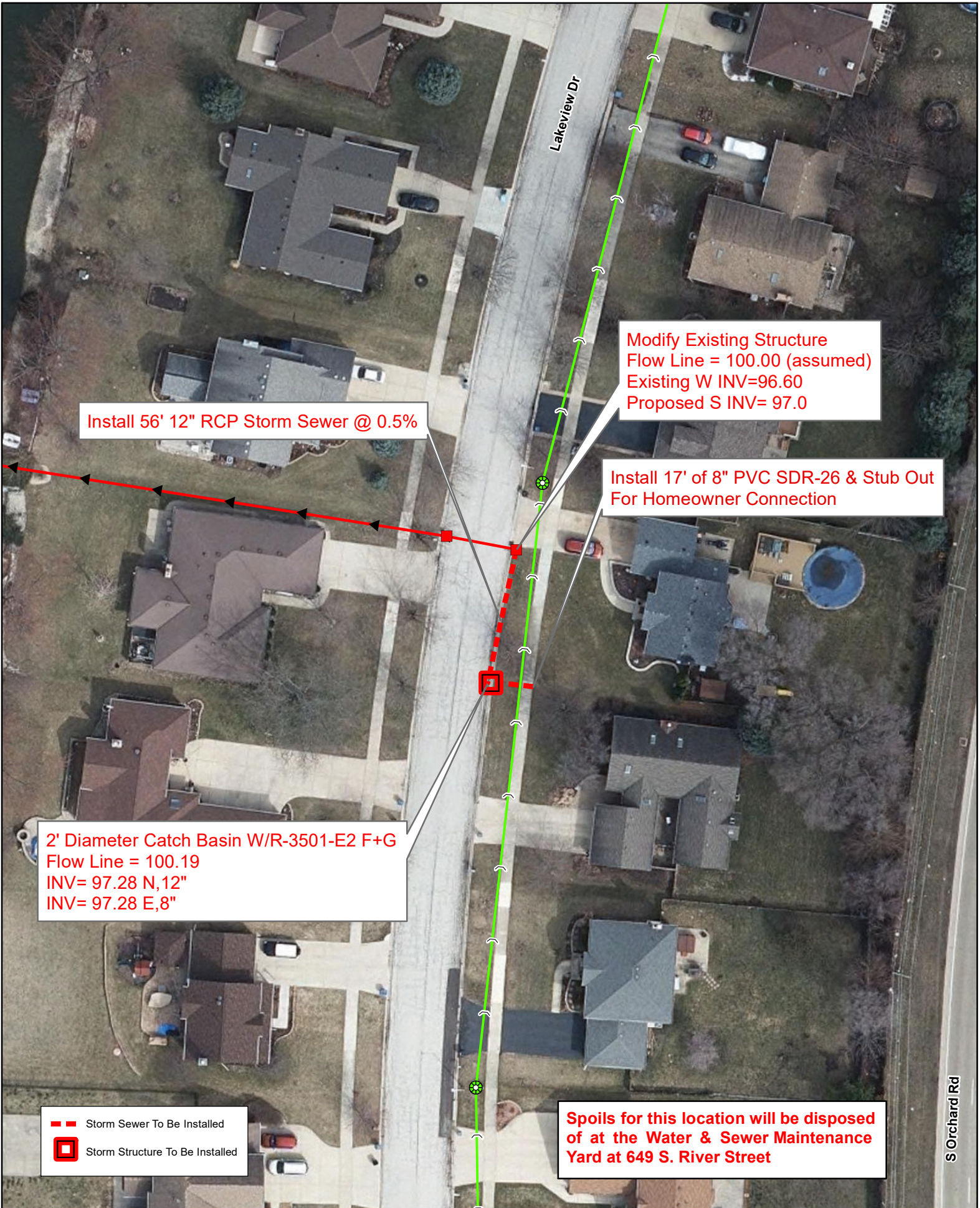


Crestwood Drive Storm Sewer Extension

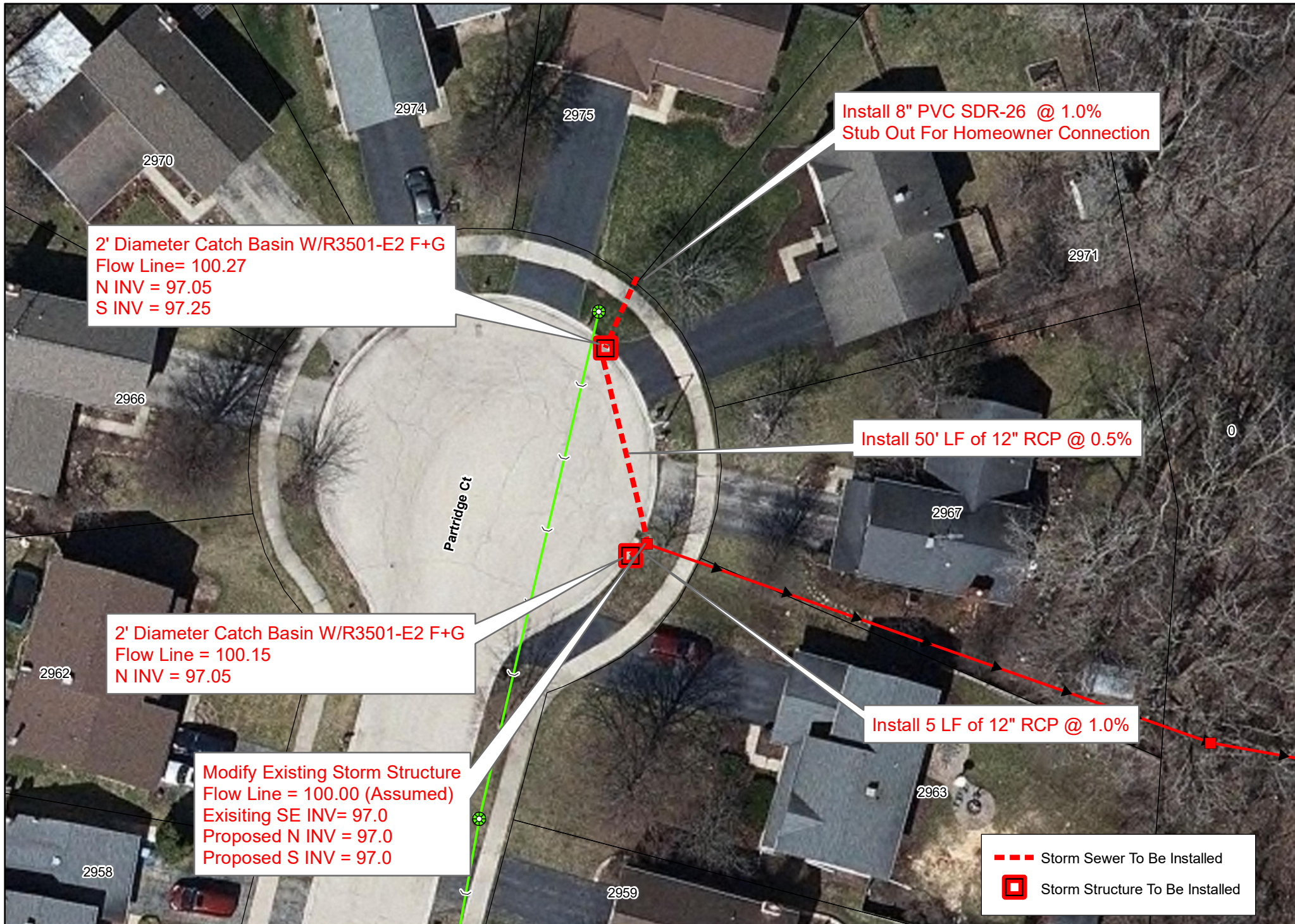


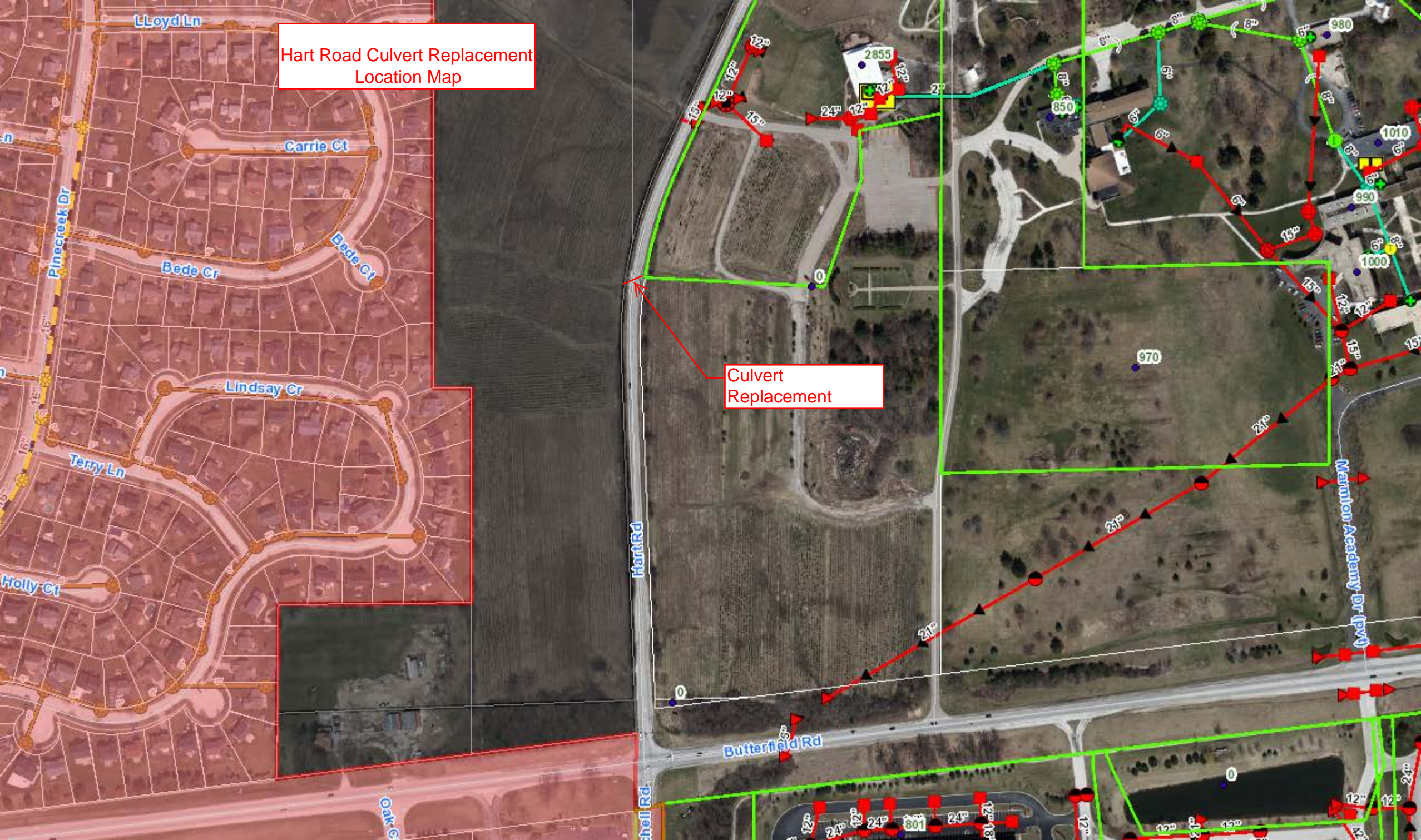


Lakeview Storm Sewer Extension



2975 Partridge Court Storm Sewer Extension





Hart Road Culvert Replacement
Location Map

Culvert
Replacement

Hart Road Culvert Replacement Plan

Existing 24" CMP Culvert to be removed and replaced with RCP, (48 LF) & 2-24" FES, 24" RCP pipe and flared end sections already purchased by City to be delivered to the site at time of replacement, Flaggers to be provided in order to keep one lane open during replacement (Inc. in cost of traffic control), Depth from centerline pavement to invert is approximately 4.5', Temporary pavement to be utilized until final patch is installed

Hart Rd



27" RCP Outfall
Pipe to be
extended west

Oakhurst Forest Preserve
Outfall Location Map

Access Path
Entrance 1

Access Path
Entrance 2

Oakhurst Forest Preserve
Outfall Extension Plan

Proposed Extension

Access Path

Existing 27" RCP

Minor weed and tree clearing will be required where excavator will sit north of existing pipe end (included in tree clearing pay item), Site to be accessed via mowed paths and not limestone path, Three 8' 27" RCP pipe sections to be added to west with 27" flared end section, Existing approximate 1:1 slope from end of mowed path down to pipe end with 8' vertical difference, Fill can be borrowed at site to achieve 5:1 slope of proposed extension following placement of required initial backfill and haunching, work to be performed during dry conditions to limit disturbance to mowed access paths

Access Path



Proposed Outfall
Installation

Existing Outfall

Saratoga Outfall
Location Map

Access site via
north bank of
detention basin

Saratoga Outfall
Site Plan

IDOT Inlet Box, Type 24
A,
Top of Weir = 704.70
INV = 703.62, SE 24"

Earth Excavation, Excavate
Approximately 100' of 3' flat
bottom swale with 3:1 side
slopes, Spoils to be bermed on-
site, approximately 2' deep

24" RCP, 24 LF @
1.54%

Existing 12" RCP
Outfall

Storm Manhole, Type A,
4' Dia.
Rim = 708
INV = 703.25, NW 24"
INV = 703.00, SE 12"

Clear path as needed in row of
small trees/weeds to access
improvements to north

Proposed 12" RCP
(55LF @ 8.0%), 12"
RCP FES
INV=698.6, and Rip
Rap RR3 (12 SY)

