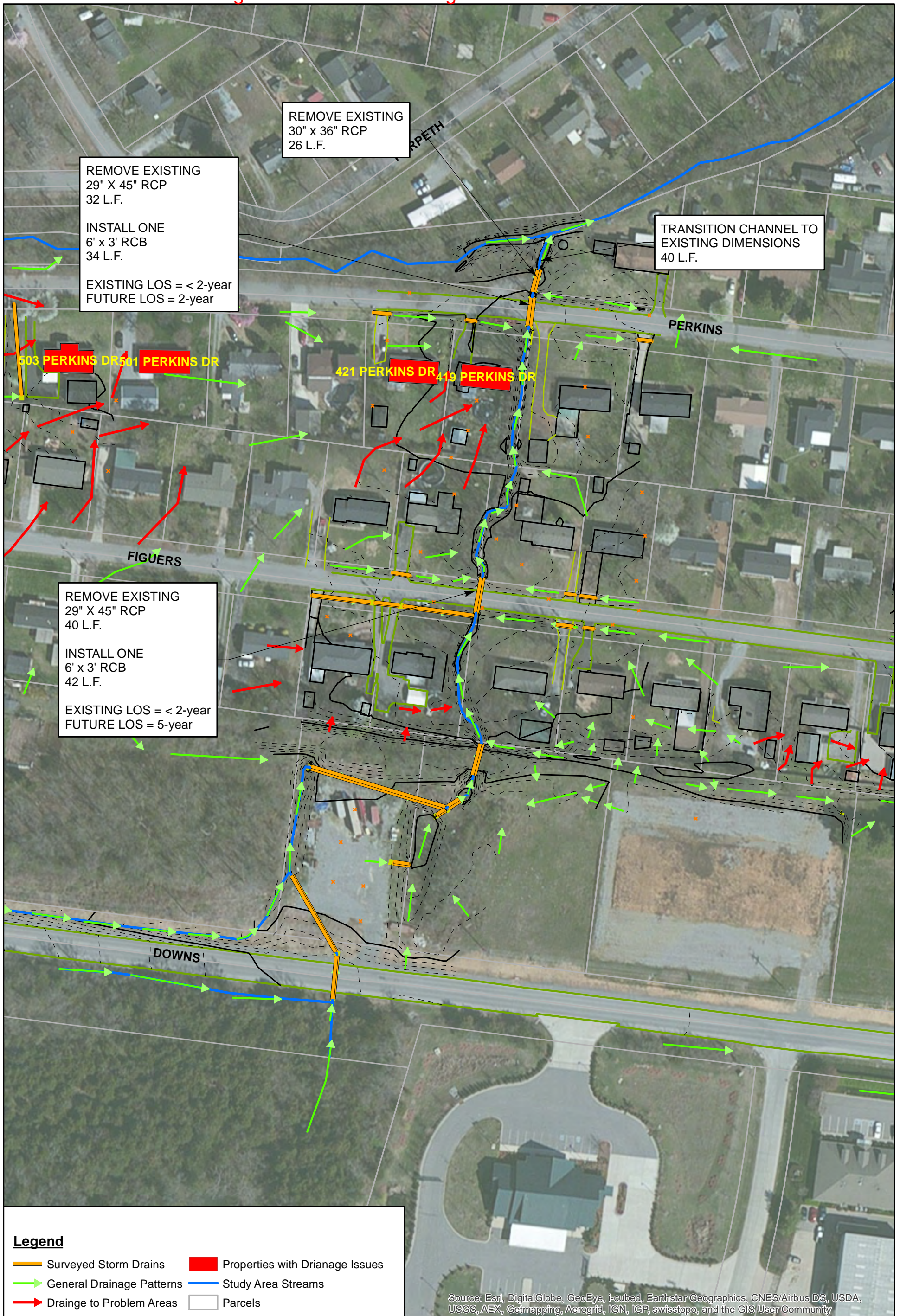


Figuers Drive Area Drainage Discussion - EXHIBIT F



NOT TO SCALE

CITY OF FRANKLIN
 FIGUERS DRIVE DRAINAGE STUDY



WEST CONVEYANCE
 DRAINAGE IMPROVEMENTS

OPTION 1

EXHIBIT WEST 1

October, 2014

Figuers Drive Area Drainage Discussion - EXHIBIT F

FIGUERS DRIVE - WEST OPTION 1 - CROSS DRAIN UPGRADES				
ADDRESS	FFE (1)	LAG	EXISTING LAG SUBMERGENCE EVENT (2)	FUTURE LAG SUBMERGENCE EVENT (2)
419 Perkins Drive		679.19	< 2-year	50-YEAR
421 Perkins Drive		679.51	< 2-year	100-YEAR
Drainage Improvements:				
<ol style="list-style-type: none"> 1) Remove existing cross drain downstream of Perkins Drive. 2) Culvert Upgrades at Perkins Drive and Figuers Drive. 				
Design Constraints				
<ol style="list-style-type: none"> 1) Proximity of houses to bank makes channel widening problematic. 2) Existing channel elevations lowered at proposed RCB's. 				
Notes:				
<ol style="list-style-type: none"> (1) FFE (Finished Floor Elevation) was not surveyed (2) Low Adjacent Grade (LAG) elevation taken from the survey point closest to the structure. (3) LAG submergence is based on the Low Adjacent Grade (LAG) elevation. (4) The information shown above is based on the hydraulic properties of the stream and cross drains. 				
<u>This information does not account for nuisance flooding caused by local drainage issues.</u>				