

WATERSHED MANAGEMENT PLAN PROJECTS

CITY OF FALLS CHURCH, VIRGINIA

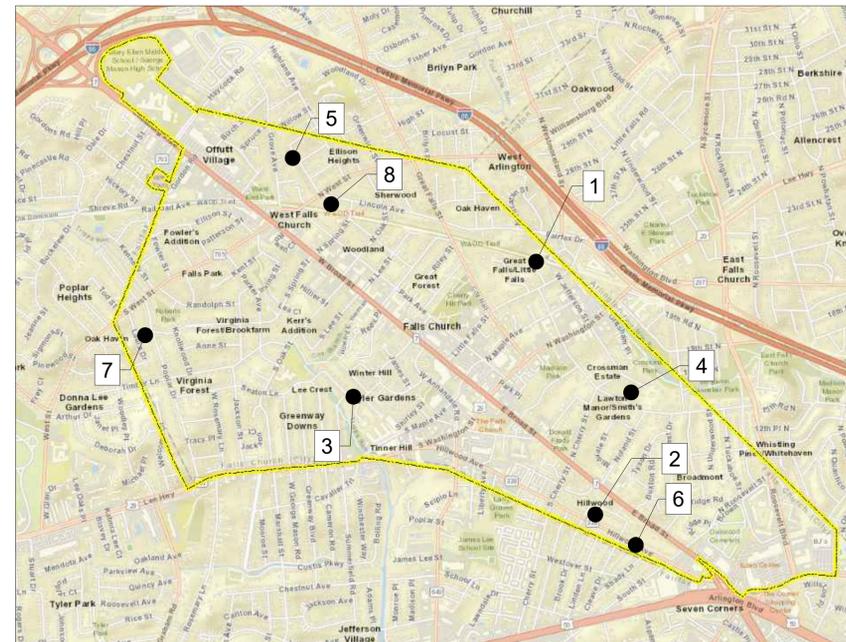


PRELIMINARY HYDROLOGY CALCULATIONS

Project Name	Total Contributing Drainage Area (ac)	Weighted Curve Number	Estimated Time of Concentration (min)	10-year Peak Flow (cfs) *	100-year Peak Flow (cfs) *
01 Trammel Branch	118.33	85.43	34.7	328	647
02 Hillwood Avenue 1	44.25	87.77	20.7	173	331
03 Sherrow Avenue	39.41	91.95	18.2	180	327
04 East Columbia/Harrison Branch	71.09	83.31	27.3	214	435
05 Lincoln Ave/Ellison Branch	9.13	84.78	7.0	45	89
06 Hillwood Avenue 2	3.75	84.28	6.0	20	39

* SCS Type II, 24-hour storms

CONCEPTUAL PLAN LOCATIONS



CONCEPTUAL PLAN LOCATION KEY

1. TRAMMEL BRANCH
2. HILLWOOD AVENUE 1
3. SHERROW AVENUE
4. E. COLUMBIA AND HARRISON BRANCH
5. ELLISON BRANCH AND LINCOLN AVENUE
6. HILLWOOD AVENUE 2
7. 701 POPLAR DRIVE
8. 913 LINCOLN AVENUE

SHEET INDEX

- 1 COVER SHEET
- 2 TRAMMEL BRANCH PROJECT CONCEPTUAL PLAN
- 3 HILLWOOD AVENUE 1 PROJECT CONCEPTUAL PLAN
- 4 SHERROW AVENUE PROJECT CONCEPTUAL PLAN
- 5 E. COLUMBIA & HARRISON BRANCH PROJECT CONCEPTUAL PLAN
- 6 ELLISON BRANCH & LINCOLN AVENUE PROJECT CONCEPTUAL PLAN
- 7 HILLWOOD AVENUE 2 PROJECT CONCEPTUAL PLAN
- 8 701 POPLAR DRIVE PROJECT CONCEPTUAL PLAN
- 9 913 LINCOLN AVENUE PROJECT CONCEPTUAL PLAN

ALL INFORMATION HEREON, INCLUDING THE PLAN AND COST ESTIMATE, IS IN DRAFT FORM AT A CONCEPTUAL LEVEL OF DESIGN, PRODUCED AS AN INTERIM PRODUCT. INFORMATION WILL CHANGE AS SUBSEQUENT LEVELS OF DESIGN ARE COMPLETED.

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COVER SHEET

WATERSHED MANAGEMENT PLAN PROJECTS
 CITY OF FALLS CHURCH, VIRGINIA

NOT FOR CONSTRUCTION

DATE	DESCRIPTION

H SCALE: AS NOTED
 H DATUM: NAD83
 V SCALE: N/A
 V DATUM: NGVD29

DESIGNED: SM/CA
 DRAFTED: SM/AJ
 CHECKED: BK

PROJECT#: 2016-006
 CONTRACT#: TO#30

SHEET: 1 OF 9