FLOOD PRONE AREA STUDIES – 2016 PACKAGE 1

	E.R.A.	*W.M.A.*	*STRAND*	*V3*	*CBBEL*	*BLA*
Cost	$42,299.10+182.70/Home Assume 50 Homes =$51,434.10 Assume 170 Homes= 73,358.10	$80,000.00	$85,600.00 (Only for 30 Homes)	$89,071.00	$225,706.00	$248,363.78
Time	March 2016 → June 2016	Feb 2016 → May 2016	Feb 2016 → Sep 2016			
Anticipate Man Hours	406 + 2 hours per home survey (506-746 Hours)	520	710			
Model Software	XPSWMM 2D	XPSWMM	XPSWMM 2D			
Three Models or One Model	1	1	1			
1-500yr Critical Storm Modeled	Y(es)	Y	Y			
Alternative Analysis	Y	Y	Y			
Cross Sections Of Thomas OFP	Y	Y	LIDAR			
Survey TCR	Y	Y	LIDAR			
Lowest Opening	Y	Y	Y			
Top of Foundation	Y	Y	Y			
Adjoining Grade to Structure	Y	Y	Y			
Only Principal Structures	Y	Y	Y			

Survey Additional Areas As Needed	Y	Y	Y			
Lowest Measured Entry Point	Y	Y	Y			
Total Area Lowest Floor	Y	Y	Y			
T.A. Finished Space Lower Level	Y	Y	Y			
Split Home, Lower then Front Door	Y	Y	Y			
# People in Home	Y	Y	City Schedule Appt			
# Working in Home	Y	Y	City Schedule Appt			
Diagram of Horz Measurements, Vertical Measurements, to low floor from low point of entry,& location of Measurement	Y	Y	City Schedule Appt Estimated only 30 homes			
Tributary Areas confirm w/ Dupage County 2' Cont.	Y	Y	Y			
SCS Number Calculation & Exhibit	Y	Y	Y			
Hydraulic Length/ Time of Conc. Calc and Exhibit	Y	Y	Y			
Critical Duration Analysis Using Bulletin 71	Y	Y	Y			
High Water levels of 1,5,10,25,50, 100, 500	Y	Y	Y			

Buyout all structures at 500 Yr Critical Storm Level	Y	Y	Y			
Define HWL	Y	Y	Y			
2-5 Additional Alternatives	Y	Y	Y			
Flow Diagram	Y	Y	Y			
Color Banded Inuandation Map	Y	Y	Y			
Survey Exhibit	Y	Y	Y			
Electronic survey data	Y	Y	Y			
H&H study Electronic	Y	Y	Y			
Exhibit of at risk structures and what storm freq they are at risk at	Y	Y	Y			