

FLOOD PRONE AREA STUDIES – 2016 PACKAGE 1

	<i>E.R.A.</i>	<i>WMA</i>	<i>STRAND</i>	<i>V3</i>	<i>CBBEL</i>	<i>BLA</i>
Cost	\$42,299.10+182.70/Home (50 Homes =\$51,434) (170 Homes= 73,358)	\$80,000	\$85,600 (30 Homes)	\$89,071	\$225,706	\$248,363
Time	March→ June	Feb→May	Feb→ Sep			
Anticipate Man Hours	406 + 2 hrs/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	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 Estimate 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			