<u>Item #5H</u>:
Report On Infrastructure Projects & Reviews:
Proposed Draft Five Year Capital Improvement Program

12/04/14

Village of Long Grove
5-Year Capital Improvement Plan
FY 2014/15 thru FY 2019-2020

Project	FY2014-2015	FY2015-2016	FY2016-2017	FY2017-2018	FY2018-2019	FY2019-2020
Road Maintenance Program	**$770,004**	**$717,872**	**$539,809**		**$728,942**	**$694,341**
Construction Costs	$707,411	$659,141	$494,268		$669,391	$637,352
Phase II Engineering (3% + borings)	$27,222	$25,774	$20,828		$26,082	$25,121
Phase III Engineering (5%)	$35,371	$32,957	$24,713		$33,470	$31,868
East Cuba Road Rehabilitation (Net Cost to Village)		**$130,835**	**$101,760**	**$488,449**		
Construction Costs				$1,453,718		
Phase I Engineering, Includes Topographic Survey (9%)		$130,835				
Phase II Engineering (No Land Acquisition / Wetland) (7%)			$101,760			
Phase III Engineering (12%)				$174,446		
Potential Fed. Participation (70/30 Match: Const. & Phase III)				($1,139,715)		
North Krueger Road Rehabilitation (Net Cost to Village)		**$78,750**	**$61,250**	**$294,000**		
Construction Costs				$875,000		
Phase I Engineering, Includes Topographic Survey (9%)		$78,750				
Phase II Engineering (No Land Acquisition / Wetland) (7%)			$61,250			
Phase III Engineering (12%)				$105,000		
Potential Fed. Participation (70/30 Match: Const. & Phase III)				($686,000)		
Downtown Watermain Extension						
NWWC Connection		**$600,000**				
Downtown Loop (Net Costs After Contributions Listed)	**$45,500**	**$810,705**	**$113,295**			
Construction Costs		$1,035,125	$102,375			
Phase II Engineering (No Land Acquisition) (8%)	$45,500	$45,500				
Phase III Engineering (8%)	$0	$80,080	$10,920			
Harborchase of Long Grove Contribution		($250,000)				
Archer Road Outlots Contribution		($100,000)				
Robert Parker Coffin Road Bridge						
Alternative #1 - Major In-Place Rehabilitation	**$35,000**	**$42,000**	**$350,000**			
Construction Costs			$350,000			
Phase I Engineering						
Phase II Engineering (No Land Acquisition) (10%)	$35,000					
Phase III Engineering (12%)		$42,000				
Alternative #2 - Reconstruction In-Kind		**$82,080**	**$483,840**			
Construction Costs			$432,000			
Phase I Engineering (9%)		$38,880				
Phase II Engineering (No Land Acquisition) (10%)		$43,200				
Phase III Engineering (12%)			$51,840			
Alternative #3 - Reconstruction,Increase Width (Net)		**$28,500**	**$168,000**			
Construction Costs			$750,000			
Phase I Engineering (9%)		$67,500				
Phase II Engineering (No Land Acquisition) (10%)		$75,000				
Phase III Engineering (12%)			$90,000			
Potential Fed. Participation (80/20 Match)		($114,000)	($672,000)			
****Old McHenry Road Improvements (Cost to Village)**				**$2,855,716**		
Construction Costs (Streetscape Improvements)				$2,702,716		
Phase I Engineering				$0		
Phase II Engineering (10% of 11% of Total Const. Costs)				$80,000		
Phase III Engineering (10% of 10% of Total Const. Costs)				$73,000		
**Village portion; paid to LCDOT						
Pavement Patching		**$25,000**	**$25,000**	**$25,000**	**$25,000**	**$25,000**
Misc. Drainage Improvements / Ditch Reshaping		**$10,000**	**$10,000**	**$10,000**	**$10,000**	**$10,000**
*****Totals**	**$770,004**	**$2,373,162**	**$737,819**	**$3,673,166**	**$763,942**	**$729,341**

***Totals do NOT include Robert Parker Coffin Road Bridge Rehabilitation/Replacement