



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

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Title: Request for approval to pursue design of flood control projects identified under the completed Detailed Watershed Plans and to be funded under the District's Stormwater Management Fund

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Attachments: 1. Flood Control Projects

Date	Ver.	Action By	Action	Result
2/18/2010	1	Committee of the Whole	Recommended	Pass
2/18/2010	1	Board of Commissioners	Approved	Pass

TRANSMITTAL LETTER FOR BOARD MEETING OF FEBRUARY 18, 2010

COMMITTEE ON STORMWATER MANAGEMENT

Mr. Richard Lanyon, Executive Director

Request for approval to pursue design of flood control projects identified under the completed Detailed Watershed Plans and to be funded under the District's Stormwater Management Fund

Dear Sir:

Pursuant to the authority for regional stormwater management granted to the District by the Illinois General Assembly under Public Act 93-1049, the District initiated development of Detailed Watershed Plans (DWPs) to conceptually identify potential capital projects that would address regional stormwater related problems in the six major watersheds in Cook County. DWPs have been completed for the Calumet-Sag Channel, Little Calumet River, and Upper Salt Creek watersheds. The recommended methodology for prioritization of capital projects to be funded under the Stormwater Management Capital Improvement Program (CIP) was presented to the Board of Commissioners on September 3, 2009.

Each potential capital project arising from the completed DWPs has been categorized as either streambank stabilization or flood control based on its primary objective. The methodology for project prioritization recommended that critical streambank stabilization projects receive the highest priority for funding under the CIP. The Board of Commissioners subsequently approved a request to pursue the design of six streambank stabilization projects on January 21, 2010.

The project prioritization methodology established the next highest priority to be flood control projects, which are ranked by factors including: project benefit-to-cost ratio, number of benefiting communities (below), total dollar cost of project, total dollar benefit of project, and roadway flooding. All listed projects are considered regional even though only one community may be listed below. The nine regional flood control projects listed herein were identified under the DWPs as addressing flooding damages along intercommunity waterways and

are recommended for design.

<u>Watershed</u>	<u>DWP Project ID</u>	<u>Communities</u>	<u>Location</u>
Little Calumet River	CHEB-G3	Homewood	Cherry Creek at Governors Hwy and Braemar Rd
Little Calumet River	LCRW-G5	South Holland	Little Calumet River at 158 th St and Church Dr
Calumet-Sag Channel	TICR-5	Orland Hills, Orland Park	Tinley Creek between 88 th Ave and Laurel Dr
Little Calumet River	THCR-G2	Park Forest, Richton Park, S Chicago Heights	Sauk Trail Road
Calumet-Sag Channel	TICR-3	Alsip, Cook County, Crestwood, Worth	Tinley Creek between 127 th St and 129 th St
Upper Salt Creek	SCAH-50	Palatine	Dundee Rd and Cherrywood Dr
Little Calumet River	PLCR-G1	Dyer, Indiana	Plum Creek near Illinois-Indiana border
Calumet-Sag Channel	NVCR-3	Palos Heights	Palos Meadows Subdivision
Little Calumet River	DRCR-G1	Ford Heights	Deer Creek between US Route 30 and 8 th St

Further details for each project are provided in the attached document.

The initial step in pursuing these projects will involve selecting engineering consulting firms and entering into agreements with them to provide preliminary engineering services. The preliminary engineering services will include a detailed review of assumptions made with respect to these projects in the DWP to verify their viability and, for viable projects, to define a detailed scope of work for the engineering services necessary for final design of the project. Recommendations to and decisions by the Board of Commissioners with respect to actual construction of any project will not be made until both the final design and final estimates have been completed.

It is therefore requested that the Executive Director recommend to the Board of Commissioners that it approve this request to pursue the design of the flood control projects listed above and identified under the completed Detailed Watershed Plans to be funded under the District's Stormwater Management Fund.

Requested, Joseph P. Sobanski, Director of Engineering, WSS:JPM

Recommended, Richard Lanyon, Executive Director

Respectfully Submitted, Debra Shore, Chairman Committee on Stormwater Management

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for February 18, 2010

Attachment