



**MSD**

*Louisville and Jefferson County Metropolitan Sewer District  
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September 11, 2006

Honorable Tim Robertson  
City of Woodlawn Park  
4254 Westport Terrace  
Louisville Kentucky 40207

Subject: Westport Road Widening

Dear Mayor Robertson:

Over the past two months, MSD representatives have met with you and Councilman Ken Fleming regarding the recent flooding conditions along Westport Road near Walser Road. MSD would like to clarify our role in the current roadwork being done in this area, our commitments for future activities along with expectations of the Westport Road Widening Project with respect to the drainage system.

As a result of the Floodplain Map Modernization Project in August 2005, MSD notified thousands of homeowners in Jefferson County regarding a change in floodplain status. In the area of Westport Road, the limits of the 100 year floodplain were not significantly altered. There were eight residential structures (Cathcart Ct, Orchid Hill Dr, Tottenham Rd, Westport Terrace and Windhurst Ct) that were removed from the floodplain in the Westport Road and Muddy Fork area, with three of these residential structures in Woodlawn Park. The announcement about this Project may have created some confusion that MSD's Floodplain Map Modernization effort would have taken more properties out of the floodplain based on updated accurate surveying and modeling efforts.

Beginning in October 2002, MSD's Area Team staff met with Kentucky Transportation Cabinet (KTC) on the existing conditions of the local drainage system and David Givan served as a liaison with the Kentucky Transportation Cabinet (KTC) design consultants and staff on the Westport Road Widening Project. MSD representatives met with KTC staff in the field to review sites that historically flood in the Woodlawn Park area from Foeburn Avenue to the Wingate Road area. The extent and frequency of the flooding that occurs in



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the area were discussed in detail. KTC design staff was provided with stream modeling data on Muddy Fork Beargrass Creek also. In addition, MSD staff and representatives have periodically reviewed the KTC construction plans to verify potential utility conflicts for sewers and drainage structures. During this time, MSD has committed to assist KTC so that the new road construction would cause no further flooding damage to the area. MSD is not aware of any additional commitments to make separate drainage improvements that would significantly reduce the impacts of the flooding in the Westport Road and Walser Road area.

MSD believes the KTC roadway design, which includes the construction of a detention basin, roadside culverts, and drainage ditches will provide an effective drainage system that will improve the safety on the improved roadway and in the neighborhood. MSD has communicated the seriousness of the flooding in the area and trusts that these considerations have been taken into account in the design of the road project. KTC has committed to clean along the banks of Muddy Fork downstream of Woodlawn Park in the near future. This action will improve the capacity of the stream.

Events on July 14<sup>th</sup> illustrated that the roadway and structures in the Westport Road area remain threatened with flooding with significant rain events. The intent of the Westport Road Widening Project is to provide a safer roadway for the new I-264 Interchange. KTC has committed that the Widening Project from Hubbards Lane to the new Interchange will not increase the flooding conditions in the Woodlawn Park area but rather assist in reducing the frequency of the flooding events or have no net impact to the flooding. MSD met with KTC designers to discuss the basis of the design of the Project's drainage system. Both KTC and MSD will be looking at the surface water model to get a better understanding of the causes of the flooding and possible adjustments that could be made to maximize the storage capacity of the recently constructed I-264 basin. Meanwhile, MSD will increase our communication of our observations of the new drainage system during rain events. When more information is made available, MSD will schedule a meeting with you. If you have any questions, please contact me at 540-6131.

Sincerely,



Victoria K. Coombs, PE  
Area Team Leader

Vkc/vkc/robertson091106

cc: Councilman Ken Fleming    KTC    MSD files