

Kansas Department of Transportation

MEMO TO: Robert A. Cook, P.E.
District V Engineer

ATTENTION: Barry Santee
District Office Coordinator

FROM: Jim L. Kowach, P.E.
Chief, Bureau of Design

BY: Richard G. Adams, P.E. RGA
Road Design Engineer

DATE: May 22, 2006

REFERENCE: K-96 in Sedgwick County

SUBJECT: Review of Final Drainage Report
Regency Park Addition

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METRO ENGINEERS
WICHITA OFFICE

As requested, we have performed a cursory review of the drainage report for the Regency Park Addition to be constructed north of K-96 and west of Greenwich Road in Sedgwick County. Drainage from a large portion of the site currently flows, and will continue to flow after construction, to a structure under the highway.

The information provided indicates that several detention storage basins are to be constructed as part of the development and some storage is available in the channel at the inlets to the drainage structure. Based on the drainage report, we understand that the peak flows from the proposed detention ponds for the 100-year storm will be approximately the same as the existing condition.

The developer has asked permission to construct a spillway from their property running tangent to the roadway and emptying into KDOT's 6' x 3' RCB running under K-96. This spillway will not be within the clear zone and should not effect the operation of K-96.

Based upon the information received, the proposed development will not have a significant impact to the K-96 roadway. We are returning the copy of the drainage report to you. If you have any questions, please contact Jim Richardson at (785) 368-8892.

RGA:JRR:js

Attachment

cc: Jim Richardson, Road Design Leader