



Spangler Engineering, LLC

CONSULTING CIVIL ENGINEERS

T. C. Spangler, Jr., P.E.
Webb M. Anderson, P.E.
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November 6, 2018

Honorable Pete Panepinto, Mayor
and City Council
City of Hammond
P. O. Box 2788
Hammond, LA 70404

RE: Taxiway C – Emergency Drainage &
Pavement Repairs
Hammond Northshore Regional Airport

Gentlemen and Madame:

At the request of the Mayor and David Lobue, we inspected a portion of Taxiway C (near its intersection with runway 13/31) to determine the nature of the pavement cracks and corrective measure(s) needed.

We performed a site inspection on Monday, November 5, 2018, and found that a segment of existing 18" concrete storm drain pipe crossing diagonally under the taxiway is obviously failing, as evidenced by several "sink holes" in the adjacent infield, as well as numerous cracks in the taxiway pavement itself. While performing the inspection, we also noted that eighteen-wheeler trucks traversing Taxiway C created a clear "pumping" action whereby subsurface water pumped up through the cracks and onto the taxiway. This "pumping" action also confirmed to the undersigned that the subsurface 18" storm drain was leaking and deteriorated. [It should be noted that the 18-wheelers have been re-routed to avoid Taxiway C].

To avoid continued rapid deterioration of this portion of Taxiway C, and the potential for catastrophic failure of the taxiway (and potential aircraft/property damages and injury), **we recommend declaring this an EMERGENCY and immediately procure drainage and pavement repairs.**

In anticipation of a declaration of emergency, we are proceeding with the preparation of drawings and specifications, and the solicitation of at least three (3) competitive quotes to immediately correct the problems. We estimate the total project cost to be \$170,000. We are attempting to procure assistance from LaDOTD Aviation for at least a portion of the funds.

Finally, we expect to seek approval of bids for this work (and related matters) at the 11/13/2018 City Council meeting. If there are any comments or questions, I will be available at the November 13th council meeting.

Sincerely,

T. C. Spangler, Jr., P.E.

cc: Mr. David Lobue
Mr. Brian Smith, P.E., Michael Baker
Ms. Tina Wilson, P.E., LaDOTD Aviation