



I 64/264: Presentation to the CTB

March 20, 2013

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Chief Engineer

I 64/264 February 8, 2013

- Major Pothole event during rainstorm
- Vehicle Damage and risk of collision
- Site visit
 - By Chief Engineer on February 9
 - By Commissioner on February 10
- Over 200 claims submitted to TME
- Commissioner tasked Review

Review Team

- Chief Engineer
- Pavement and materials expert from VCTIR.
- Experienced District Maintenance Engineer.

I 64/264 Background

- Condition of I 264 on and after Feb 8
- Original design and construction
 - Standard current at time - 1960's
 - Some rehab done. Needs full rehab or rebuild.
 - Needs to be brought to current standard.
 - 9" to about 13" depth.

Turnkey Asset Maintenance Services

- VDOT outsourcing interstate maintenance
- Staff created Turnkey Asset Management Services (TAMS) Contracts:
 - Repair potholes
 - Litter pickup
 - Cut grass
- Performance Based Contracts
- VDOT exploring other options – including managing the work itself.

I 64/264 Preliminary Findings

- Identified short and long term actions that could have prevented the February 8 event.
- Identified recommendations for future avoidance.

I 64/264 Preliminary Findings

Identified actions that could have prevented the February 8 event, including:

- Proactive/Immediate & more durable patches
- Preventive Maintenance
- Better Administration of the Contract
- An adequate Maintenance Rating Program

- Major Rebuild of the deteriorated concrete
- Earlier or more aggressive rehabilitation
- Seal or overlay after original repairs to extend life

I 64/264 Preliminary Findings

Received responses from TME on 3/8
and 3/13/13.

I 64/264 Preliminary Findings

Recommendations for future that include:

- Accelerating rehab contracts already underway. (done)
- Task force to develop design build rehab projects ready for advertisement by July 31, 2013.
- Work with TAMS contractor to increase level of repair.
- Find alternatives to performance based contracts (such as TAMS) for pavements in this or similar condition.**

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Questions?