Public Open House

Bridge Replacement over the Red River Floodway on P.T.H. 44 and Associated Roadworks
Welcome!

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Project Engineers and Manitoba Floodway Authority representatives are available to address your questions
WHAT IS BEING PRESENTED TODAY?

- New Bridge Alignment and Corresponding Roadworks

- Construction Schedule

- Traffic Plans During Construction
PROJECT DESCRIPTION

- As part of the Red River Floodway Project, the P.T.H. 44 Bridge needs to be raised and relocated to the south of the existing structure.

- Along with a new bridge, the associated roadworks include realigning P.T.H. 44 and improving the loops and ramps connecting to P.R. 204.

- These works are anticipated to commence in July 2009 with completion in the fall of 2010.
PROJECT BENEFITS

- P.T.H. 44 Bridge is raised approximately 3.0m.

- EB - NB and SB - WB loops have larger curves for safer exit and entrance to P.T.H. 44.

- P.R. 204 under P.T.H. 44 is raised thereby shortening potential time that flooding of roadway may occur.

- Intersection improvement at the north end of interchange and P.R. 204.

- Interchange to have paved shoulders.
ISSUES DURING CONSTRUCTION

TRAFFIC

- The Contractor will maintain traffic control in accordance with Manitoba Floodway Authority Specifications.

- P.T.H. 44 will remain open at all times. However, one can expect delays during certain construction activities such as paving and transitioning from new to old roadways.

ROAD CLOSURES

- Loops and ramps connecting P.T.H. 44 and P.R. 204 will be closed to the public.

- P.R. 204 will be closed at Rockhaven Road.

ALTERNATE ROUTE

- Due to the closure of P.R. 204, an alternate route was needed. Rockhaven Road was chosen because of its location.
WHY IS P.R. 204 BEING CLOSED?

- Complexity of the interchange and maintaining traffic via existing and proposed road networks could jeopardize safety not only to the construction workers but the travelling public as well.

- Reduces driver confusion within the construction zone.

- New bridge construction staging area is to be located within one of the existing loops.

- New bridge pier (SU6) is located on the existing P.R. 204 under the bridge.

- Heavy construction traffic for bridge work and road construction would be travelling throughout the area.
HOW WILL ROCKHAVEN ROAD BE AFFECTED?

TRAFFIC

- Increase in traffic can be expected.

- P.R. 204 has average annual daily traffic volumes of approximately 1000 vehicles per day.

WHAT IS BEING DONE TO HELP WITH THIS TRAFFIC INCREASE?

- To reduce dust and make Rockhaven Road a suitable alternate route, it is proposed to overlay the gravel portion of the road from P.R. 204 to the CEMR Rail line.

- Prohibit construction traffic on Rockhaven Road.

- Improve intersection with Rockhaven Road and P.T.H. 44.
CONSTRUCTION SCHEDULE

- Construction to begin July 2009.
- Rockhaven Road overlay and intersection improvement completed by September 2009.
- P.R. 204 closed at Rockhaven Road September 2009.
- New bridge to open July 2010.
- Complete roadworks by October 2010.
- Complete removal of existing bridge by Fall 2010.
- Open P.R. 204 anticipated for the Fall of 2010. (Dependant on removal of the existing bridge.)
GENERAL LAYOUT AND PROJECT HIGHLIGHTS
FOR 262200 BRIDGE OVER RED RIVER FLOODWAY
P.T.H. No. 44
STAGING AND ROADWAY DETOURS - STAGE 1
FOR 262200 BRIDGE OVER RED RIVER FLOODWAY
P.T.H. No. 44
STAGING AND ROADWAY DETOURS - STAGE 2
FOR 262200 BRIDGE OVER RED RIVER FLOODWAY
P.T.H. No. 44
ESTIMATED DRAWDOWN DURING TEMPORARY GROUNDWATER DEPRESSURIZATION PTH 44 BRIDGE

Legend
- Predicted Drawdown Contours (metres)
- RM Boundaries
- Floodway Right of Way Limits

NOTES:
1. Estimated Drawdown Based On:
   - Typical Aquifer Transmissivity 50,000 USgpd/ft
   - Average Target Drawdown at Pier 2m

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For Further Information

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For Project Updates visit the project website at:

www.floodwayauthority.mb.ca