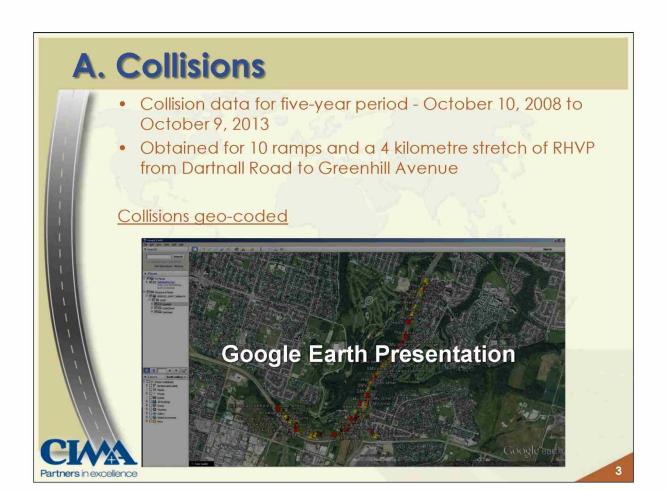


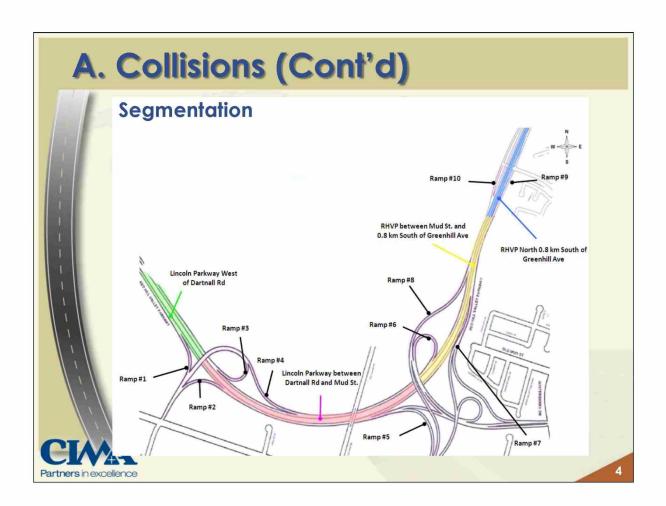
Outline

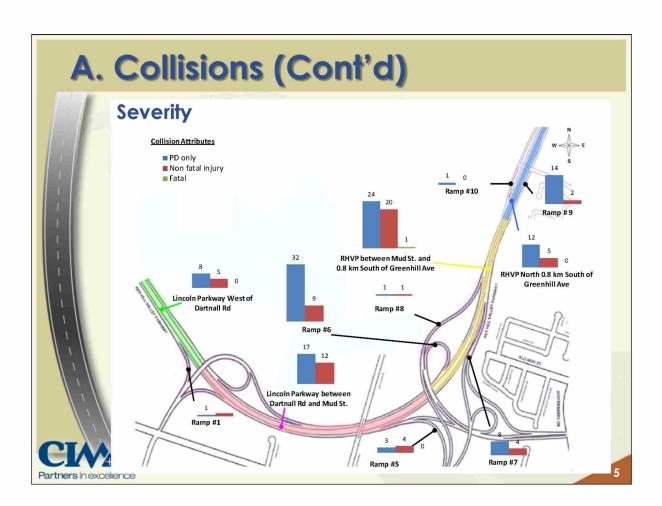
- Analysis Results and Findings
 - A. Collisions
 - B. Illumination
 - C. Signing
 - D. Lane Departure Collisions
 - E. Roadside Design
 - F. Mud Street On-Ramp (Ramp 6): Link-Bound
 - G. Geometrics (Field Investigation Findings Only)
- Summary of Issues & Potential Countermeasures
- Next Steps

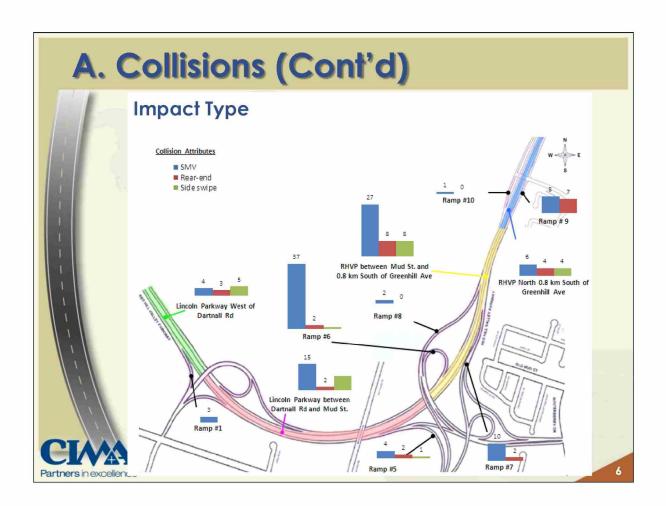


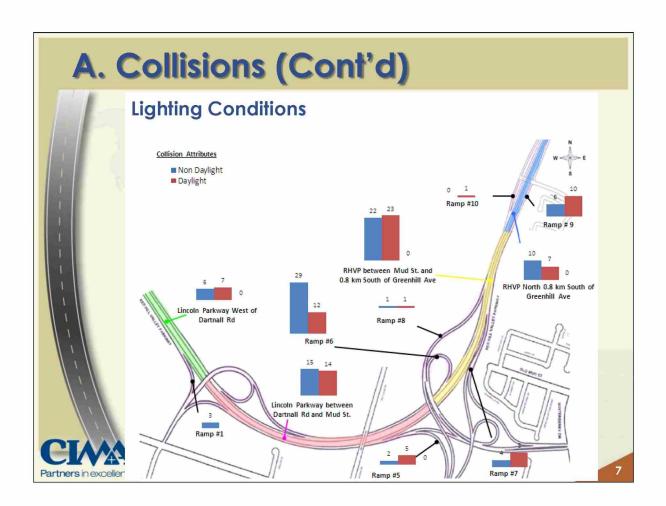
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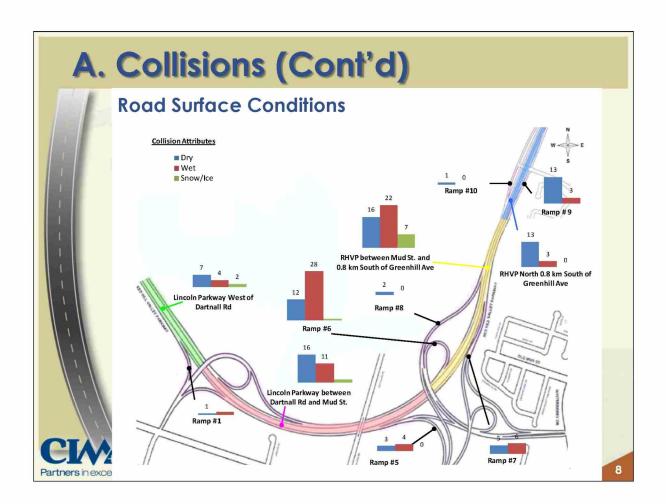


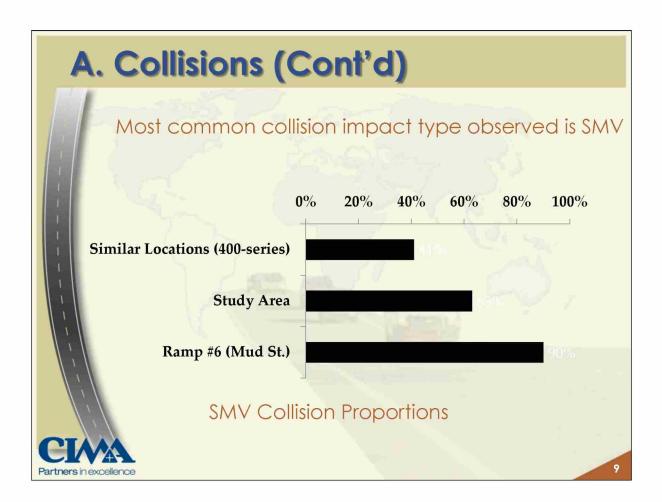


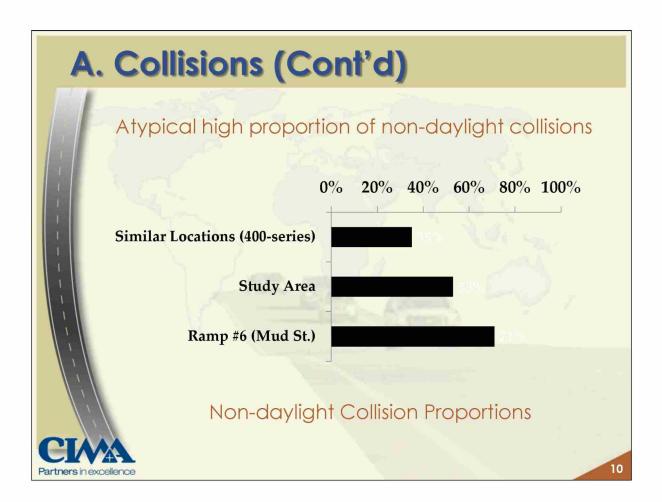


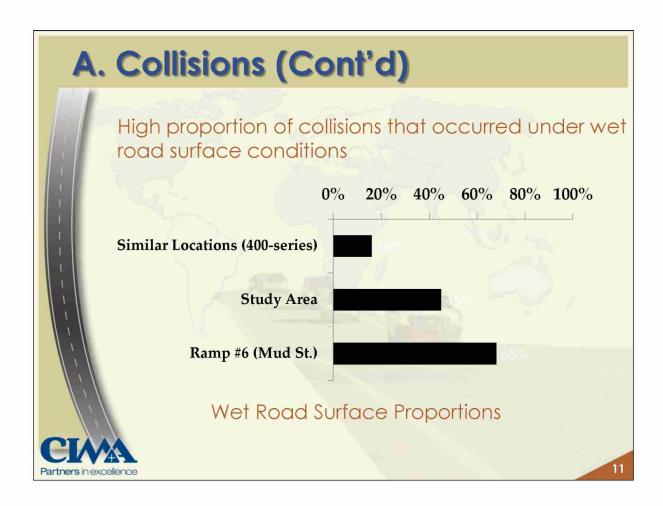












B. Illumination

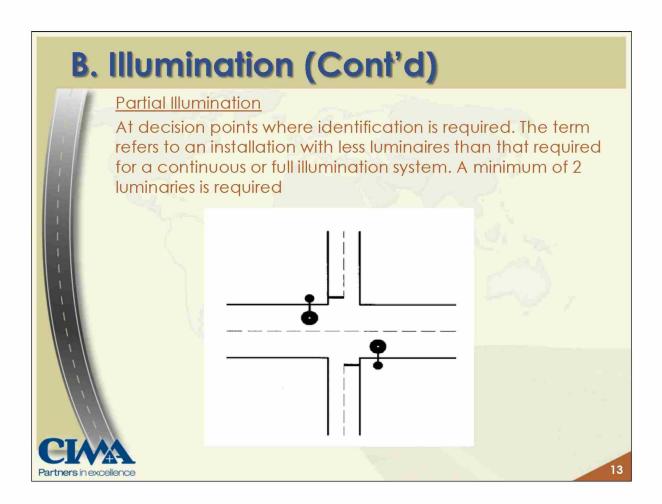
Ministry Policy for Highway Illumination used to evaluate need for illumination

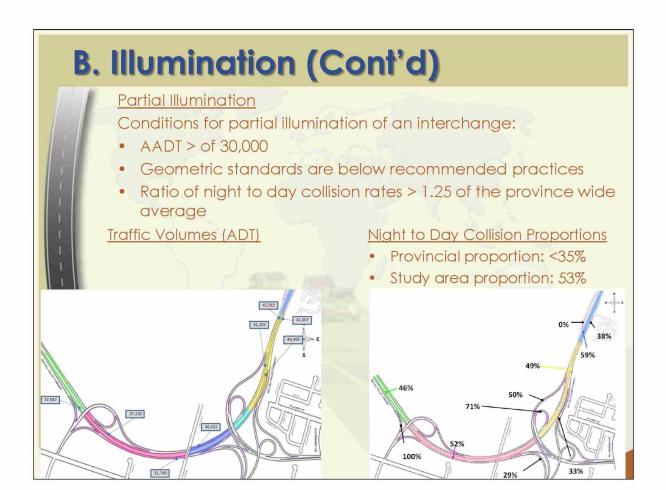
Types of Illumination considered by the warrant:

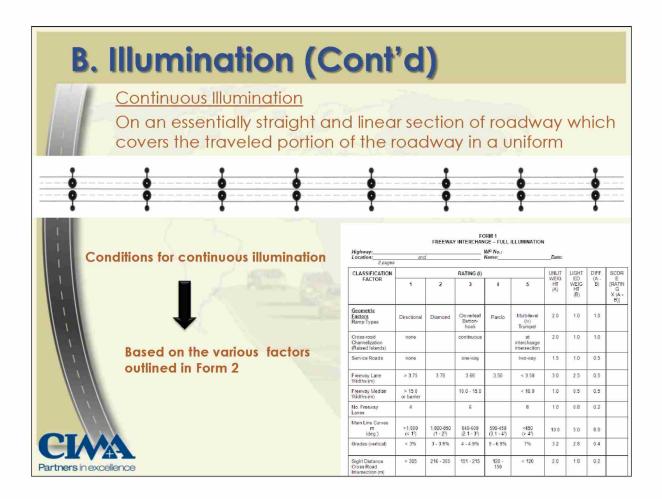
- Continuous Illumination (freeway segments)
- Partial Illumination (at interchange)
- Full Illumination (at interchange)

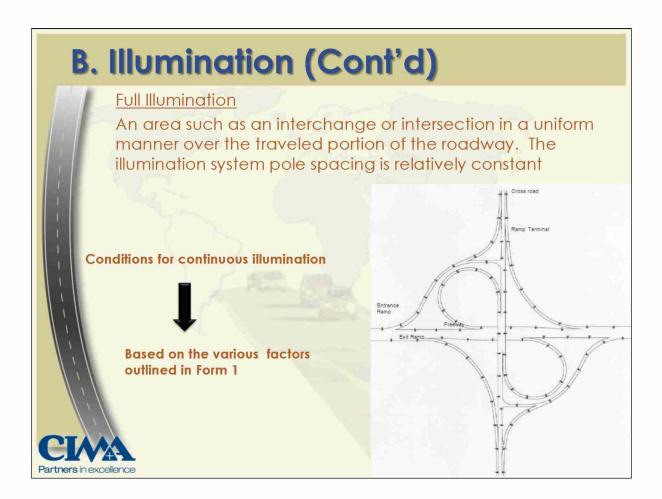


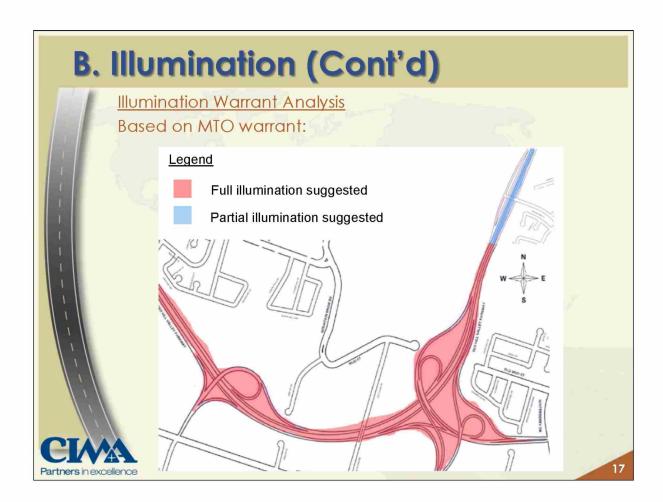
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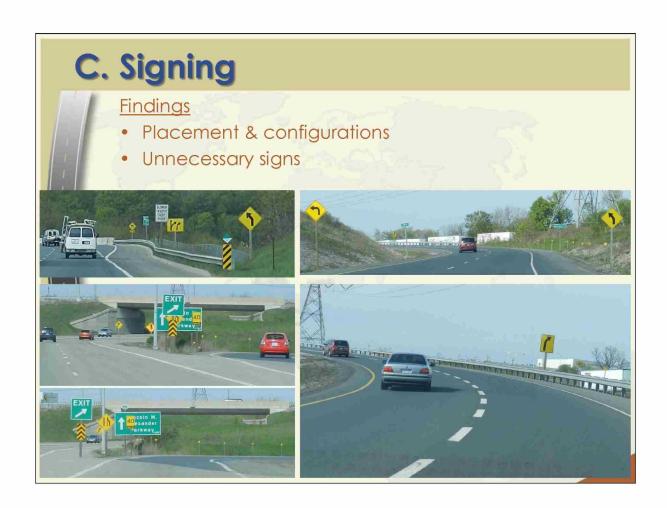




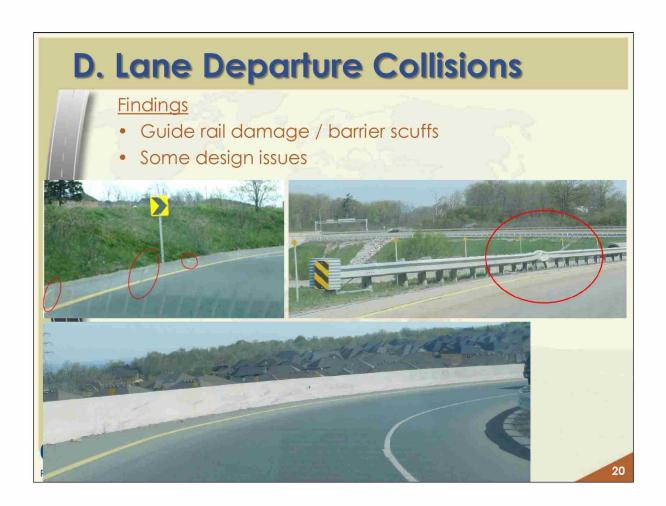


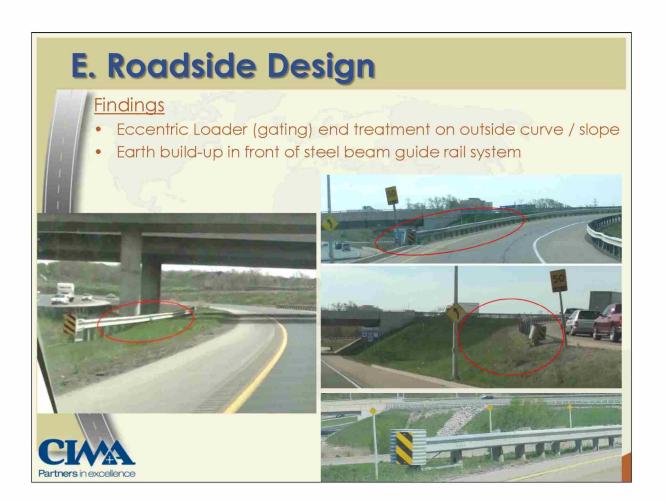










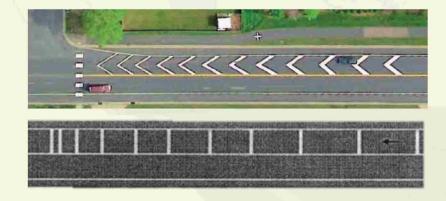




F. Mud Street On-Ramp (Ramp 6): Link-Bound

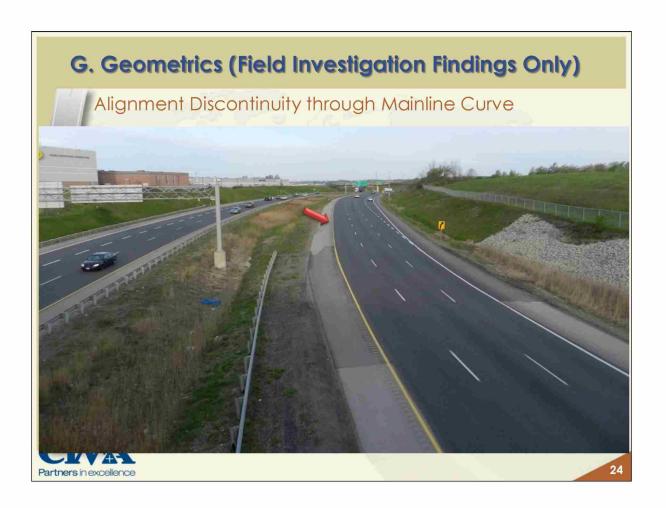
In order to address issues, next steps to consider

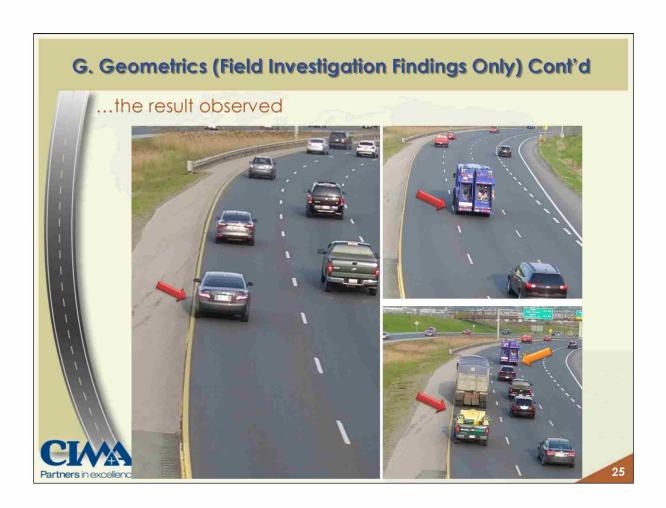
- Speed management treatments further in advance of curve
- Innovative treatments potentially including:
 - Pavement marking configurations (peripheral, transverse, converging bars)
 - Signage
 - High friction pavement surface treatment



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Summary of Issues & Potential Countermeasures Collision Analysis Results High number of: SMV Collisions Collisions in non-daylight conditions Collisions in wet road surface conditions Field Investigation Findings

- Design issues: signage and roadside protection
- Evidence of road departure collisions

Preliminary list of Proposed Countermeasures

- Validation of illumination needs
- Sign layout design plan: Existing & Proposed (relocation/removal)
- Repair of roadside protection (near-term), & considerations for re-design & construction



