



**BOX: 07**  
**GREENBANK/PINECREST RD. I/C NORTH**

**SUMMARY OF EXISTING/FUTURE CONDITIONS**

**G** - TIGHT RAMP CURVATURE FOR N-W ON-RAMP  
- SHORT ACCELERATION LANE FOR LOOP-RAMP  
- STEEPER THAN DESIRABLE GRADE ON PINECREST RD. AT OFF-RAMP INTERSECTION

**T** - NO IDENTIFIED PROBLEMS

**S** - HIGHER THAN EXPECTED COLLISION PROBABILITY AT OFF-RAMP/PINECREST INTERSECTION

**PROBLEM IDENTIFICATION**

- STEEPER GRADE ON PINECREST RD. LIMITS VISIBILITY OF TRAFFIC SIGNALS AND STOPPED TRAFFIC AT OFF-RAMP INTERSECTION

**SHORT LISTED ALTERNATIVES**

1. DO NOTHING.
2. MINOR MODIFICATIONS:  
- IMPROVE VISIBILITY OF TRAFFIC SIGNALS AT PINECREST/OFF-RAMP INTERSECTION  
- PINECREST ROAD TO QUEENSWAY WESTBOUND RAMP TO BE REALIGNED IN CONJUNCTION WITH WEST TRANSITWAY CONSTRUCTION
3. MAJOR MODIFICATIONS:  
- NO VIABLE MODIFICATIONS

**BOX: 08**  
**GREENBANK/PINECREST RD. I/C SOUTH**

**SUMMARY OF EXISTING/FUTURE CONDITIONS**

**G** - TIGHT CURVATURE FOR S-E ON-RAMP  
- SHORT WEAVING LENGTH ON EB OFF-RAMP DUE TO ASHLEY ST. CONNECTION  
- STEEPER THAN DESIRABLE GRADE ON GREENBANK RD. AT OFF-RAMP INTERSECTION

**T** - GREENBANK/IRIS/OFF-RAMP INTERSECTION CONGESTION DURING PEAK PERIODS  
- WEAVING BETWEEN TRAFFIC ON EB OFF-RAMP AND TRAFFIC FROM ASHLEY ST

**S** - HIGHER THAN EXPECTED COLLISION PROBABILITY FOR ALL RAMPS AND OFF-RAMP/GREENBANK/IRIS INTERSECTION

**PROBLEM IDENTIFICATION**

- TIGHT RAMP CURVATURE FOR S-E ON-RAMP CREATES SAFETY CONCERNS  
- DIRECT ACCESS TO OFF-RAMP FROM RESIDENTIAL ROAD (ASHLEY ST.) RESULTS IN SAFETY CONCERNS DUE TO SHORT WEAVE LENGTH AND SPEED DIFFERENCES  
- INSUFFICIENT CAPACITY AT OFF-RAMP/GREENBANK/IRIS INTERSECTION TO ACCOMMODATE HIGH TRAFFIC VOLUMES GIVEN RESTRICTED TRAFFIC SIGNAL PHASING FOR DUAL LEFT TURNS

**SHORT LISTED ALTERNATIVES**

1. DO NOTHING.
2. MINOR MODIFICATIONS:  
- IMPLEMENT POSITIVE GUIDANCE MEASURES FOR GREENBANK NORTHBOUND TO QUEENSWAY EASTBOUND ON-RAMP  
- IMPROVE GREENBANK NORTHBOUND TO QUEENSWAY EASTBOUND ON-RAMP CURVATURE TO IMPROVE SAFETY
3. MAJOR MODIFICATIONS:  
- CLOSE ACCESS FROM ASHLEY STREET TO EB OFF-RAMP  
- WIDEN GREENBANK RD./PINECREST RD. TO 6 LANES (TO CITY OF OTTAWA FOR RESOLUTION)

**BOX: 09**  
**GREENBANK/PINECREST RD. TO WOODROFFE AVE.**

**SUMMARY OF EXISTING/FUTURE CONDITIONS**

**G** - NO SITE SPECIFIC ISSUES

**T** - EB AND WB QUEENSWAY CONGESTION DURING PEAK HOURS AT RAMP ENTRANCE AND EXIT LOCATIONS

**S** - HIGHER THAN EXPECTED COLLISION PROBABILITY FOR EB QUEENSWAY AT ENTRANCE/EXIT LOCATIONS

**PROBLEM IDENTIFICATION**

- INSUFFICIENT THROUGH LANE CAPACITY FROM GREENBANK RD./PINECREST RD. TO WOODROFFE AVE.

**SHORT LISTED ALTERNATIVES**

1. DO NOTHING.
2. MINOR MODIFICATIONS:  
- NO VIABLE MODIFICATIONS
3. MAJOR MODIFICATIONS:  
- ADD 1 ADDITIONAL THROUGH LANE IN EACH DIRECTION FROM GREENBANK RD./PINECREST RD. TO WOODROFFE AVE.