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| BOX: 40 | |
| INNES RD. INTERCHANGE EAST | |
| SUMMARY OF EXISTING/FUTURE CONDITIONS | |
| G | - TIGHT CURVATURE FOR WB OFF-RAMP AND LOOP RAMP - ACCELERATION LANE FOR LOOP RAMP TOO SHORT |
| T | - NO IDENTIFIED PROBLEMS |
| S | - HIGHER THAN EXPECTED COLLISION PROBABILITY FOR WB OFF RAMP/INNES RD. INTERSECTION AND LOOP RAMP |
| PROBLEM IDENTIFICATION | |
| - TIGHT RAMP GEOMETRY RESULTS IN SAFETY CONCERNS | |

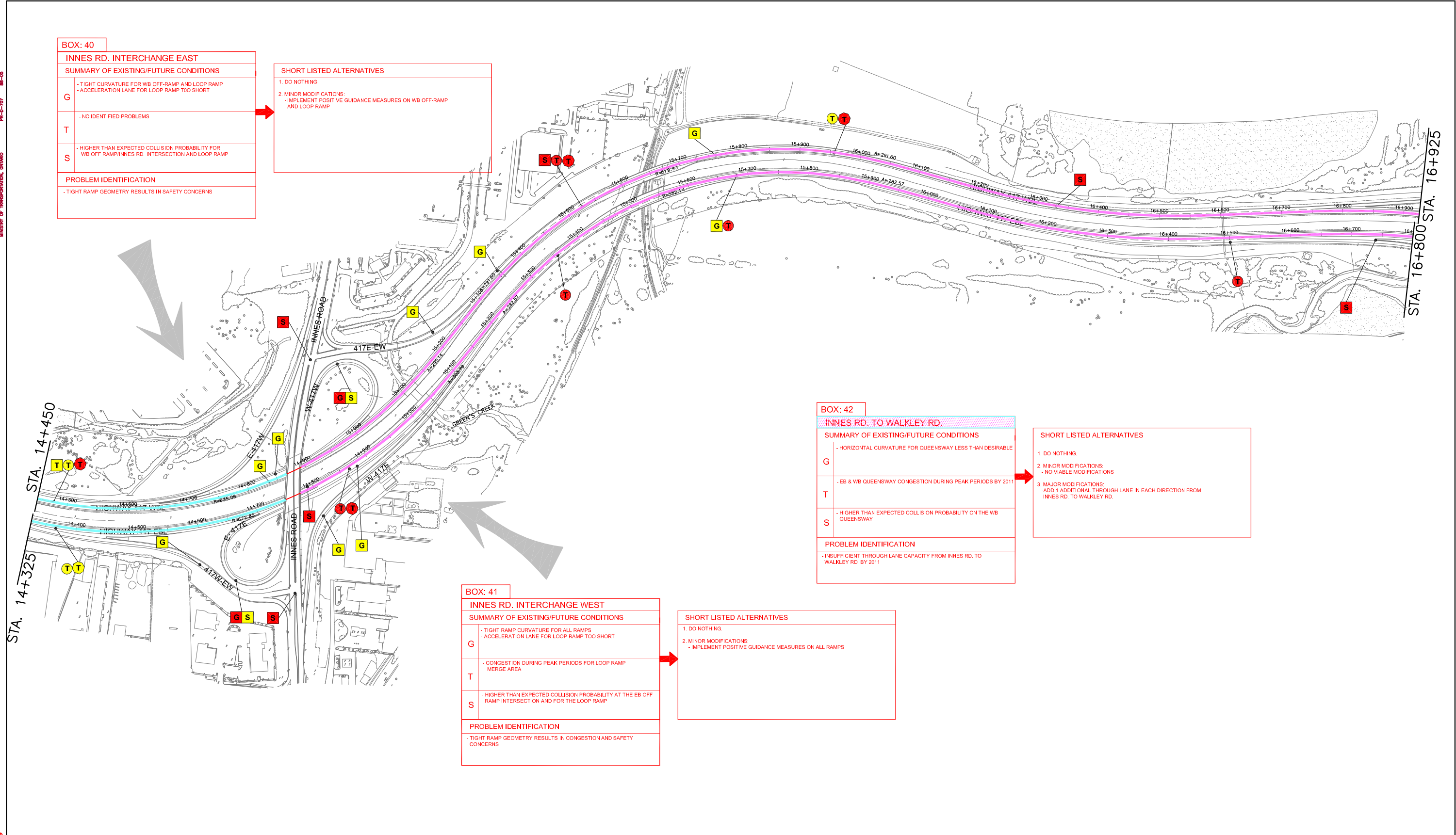
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| SHORT LISTED ALTERNATIVES | |
| 1. DO NOTHING. | |
| 2. MINOR MODIFICATIONS: - IMPLEMENT POSITIVE GUIDANCE MEASURES ON WB OFF-RAMP AND LOOP RAMP | |

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| BOX: 42 | |
| INNES RD. TO WALKLEY RD. | |
| SUMMARY OF EXISTING/FUTURE CONDITIONS | |
| G | - HORIZONTAL CURVATURE FOR QUEENSWAY LESS THAN DESIRABLE |
| T | - EB & WB QUEENSWAY CONGESTION DURING PEAK PERIODS BY 2011 |
| S | - HIGHER THAN EXPECTED COLLISION PROBABILITY ON THE WB QUEENSWAY |
| PROBLEM IDENTIFICATION | |
| - INSUFFICIENT THROUGH LANE CAPACITY FROM INNES RD. TO WALKLEY RD. BY 2011 | |

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| SHORT LISTED ALTERNATIVES | |
| 1. DO NOTHING. | |
| 2. MINOR MODIFICATIONS: - NO VIABLE MODIFICATIONS | |
| 3. MAJOR MODIFICATIONS: - ADD 1 ADDITIONAL THROUGH LANE IN EACH DIRECTION FROM INNES RD. TO WALKLEY RD. | |

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| BOX: 41 | |
| INNES RD. INTERCHANGE WEST | |
| SUMMARY OF EXISTING/FUTURE CONDITIONS | |
| G | - TIGHT RAMP CURVATURE FOR ALL RAMPS - ACCELERATION LANE FOR LOOP RAMP TOO SHORT |
| T | - CONGESTION DURING PEAK PERIODS FOR LOOP RAMP MERGE AREA |
| S | - HIGHER THAN EXPECTED COLLISION PROBABILITY AT THE EB OFF RAMP INTERSECTION AND FOR THE LOOP RAMP |
| PROBLEM IDENTIFICATION | |
| - TIGHT RAMP GEOMETRY RESULTS IN CONGESTION AND SAFETY CONCERNS | |

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| SHORT LISTED ALTERNATIVES | |
| 1. DO NOTHING. | |
| 2. MINOR MODIFICATIONS: - IMPLEMENT POSITIVE GUIDANCE MEASURES ON ALL RAMPS | |



HIGHWAY 417, FROM HIGHWAY 416 TO ANDERSON ROAD
PRELIMINARY DESIGN STUDY AND ENVIRONMENTAL ASSESSMENT
G.W.P. 663-93-00

CORRIDOR ANALYSIS COMPOSITE PLAN
FROM STA. 14+325 TO STA. 16+925

LEGEND:

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| GEOMETRICS—MINOR DEVIATION FROM STANDARDS | YEAR 2001 TRAFFIC OPERATIONS—CONGESTION | YEAR 2001 TRAFFIC OPERATIONS—MAJOR CONGESTION | SAFETY—HIGHER THAN EXPECTED COLLISION PROBABILITY |
| GEOMETRICS—MAJOR DEVIATION FROM STANDARDS | YEAR 2011 TRAFFIC OPERATIONS—CONGESTION | YEAR 2011 TRAFFIC OPERATIONS—MAJOR CONGESTION | SAFETY—SIGNIFICANTLY HIGHER THAN EXPECTED COLLISION PROBABILITY |
| | YEAR 2021 TRAFFIC OPERATIONS—CONGESTION | YEAR 2021 TRAFFIC OPERATIONS—MAJOR CONGESTION | |

