



BOX: 43
WALKLEY RD. INTERCHANGE EAST
 SUMMARY OF EXISTING/FUTURE CONDITIONS

- NO SITE SPECIFIC ISSUES
- CONGESTION DURING PEAK PERIODS AT WB OFF-RAMP / WALKLEY RD. INTERSECTION
- HIGHER THAN EXPECTED COLLISION PROBABILITY FOR WB OFF RAMP AND WALKLEY RD. WB TO WB QUEENSWAY ON-RAMP

PROBLEM IDENTIFICATION

- STOP CONTROLLED INTERSECTION FOR WB OFF-RAMP PROVIDES INSUFFICIENT OPPORTUNITIES FOR LEFT TURNS ONTO WALKLEY RD.

SHORT LISTED ALTERNATIVES

1. DO NOTHING.
2. MINOR MODIFICATIONS:
- SIGNALIZE WB OFF-RAMP / WALKLEY RD. INTERSECTION
3. MAJOR MODIFICATIONS
- NO VIABLE MODIFICATIONS

BOX: 45
WALKLEY RD. TO ANDERSON RD.
 SUMMARY OF EXISTING/FUTURE CONDITIONS

- NO SITE SPECIFIC ISSUES
- WB QUEENSWAY CONGESTION DURING PEAK PERIODS BY 2021
- HIGHER THAN EXPECTED COLLISION PROBABILITY FOR EB QUEENSWAY

PROBLEM IDENTIFICATION

- INSUFFICIENT WB THROUGH LANE CAPACITY FROM WALKLEY RD. TO ANDERSON RD. BY 2021

SHORT LISTED ALTERNATIVES

1. DO NOTHING.
2. MINOR MODIFICATIONS:
- NO VIABLE MODIFICATIONS
3. MAJOR MODIFICATIONS
- NO VIABLE MODIFICATIONS (REVIEW NEED FOR ADDITIONAL THROUGH LANES NEAR END OF 20-YEAR PLANNING HORIZON)

BOX: 44
WALKLEY RD. INTERCHANGE WEST
 SUMMARY OF EXISTING/FUTURE CONDITIONS

- NO SITE SPECIFIC ISSUES
- CONGESTION DURING PEAK PERIODS AT EB OFF-RAMP INTERSECTION AND WALKLEY / SHEFFIELD INTERSECTION IN 2001, 2011, 2021
- EXTENSIVE TRAFFIC QUEUING ONTO EB QUEENSWAY DURING AM PEAK PERIOD DUE TO CONGESTION AT WALKLEY / SHEFFIELD INTERSECTION
- VEHICLES QUEUING ON THE EB QUEENSWAY SHOULDER DURING AM PEAK PERIOD DUE TO CONGESTION AT WALKLEY / SHEFFIELD INTERSECTION

PROBLEM IDENTIFICATION

- INSUFFICIENT NUMBER OF THROUGH LANES ON WALKLEY RD. WEST OF SHEFFIELD RD. RESULTS IN CONGESTION AND SAFETY CONCERNS

SHORT LISTED ALTERNATIVES

1. DO NOTHING.
2. MINOR MODIFICATIONS:
- NO VIABLE MODIFICATIONS
3. MAJOR MODIFICATIONS:
- ADD ADDITIONAL THROUGH LANES ON WALKLEY ROAD WEST OF SHEFFIELD ROAD (TO CITY OF OTTAWA FOR RESOLUTION)
- CONSTRUCT HUNT CLUB ROAD INTERCHANGE

FUTURE HUNT CLUB ROAD INTERCHANGE



**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. 16+800 TO STA. 19+250**

LEGEND:

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

