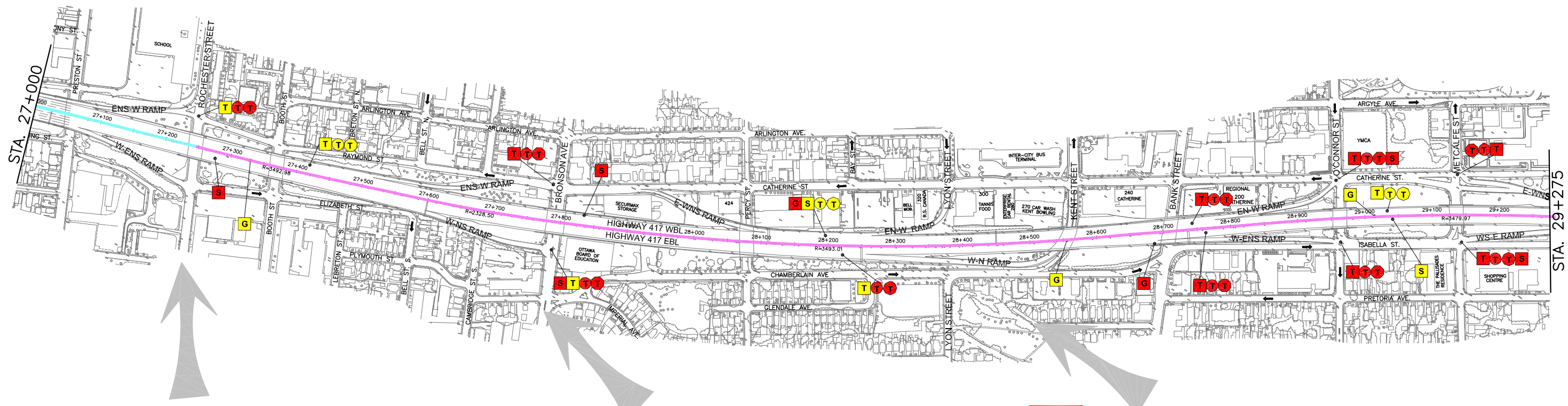


BOX: 25	
ROCHESTER ST. TO NICHOLAS ST.	
SUMMARY OF EXISTING/FUTURE CONDITIONS	
G	- VERTICAL (CREST) CURVATURE RESTRICTS STOPPING SIGHT DISTANCE - INTERCHANGE SPACING LESS THAN DESIRABLE - EB RIGHT HAND LANE FORCED EXIT AT KENT STREET - EB RAMP FROM METCALFE IS A FORCED EXIT AT NICHOLAS STREET - WB RAMP FROM NICHOLAS STREET IS FORCED EXIT AT METCALFE STREET
T	- EB & WB QUEENSWAY CONGESTION DURING PEAK PERIODS
S	- HIGHER THAN EXPECTED COLLISION PROBABILITY FOR EB AND WB QUEENSWAY, PARTICULARLY AT NEAR RAMP EXIT/ENTRANCE LOCATIONS
PROBLEM IDENTIFICATION	
- INSUFFICIENT WB THROUGH LANE CAPACITY FROM RIDEAU CANAL TO BANK STREET - INSUFFICIENT EB THROUGH LANE CAPACITY FROM KENT ST. TO NICHOLAS ST. - CLOSE SPACING OF INTERCHANGES CREATES WEAVING PROBLEMS WHICH RESULTS IN CONGESTION AND SAFETY CONCERNS (SEE BOXES 26/27/28/30) - FORCED EXITS AT KENT ST., METCALFE ST. AND NICHOLAS ST. RESULTS IN WEAVING AND CONGESTION	

SHORT LISTED ALTERNATIVES	
1. DO NOTHING.	
2. MINOR MODIFICATIONS: - NO VIABLE MODIFICATIONS	
3. MAJOR MODIFICATIONS: - PROVIDE 1 ADDITIONAL WB THROUGH LANE FROM RIDEAU CANAL TO BANK ST. AND THROUGH NICHOLAS ST. INTERCHANGE (SEE SKETCH 25) - PROVIDE 1 ADDITIONAL EB THROUGH LANE FROM KENT ST. OFF-RAMP TO NICHOLAS ST. (SEE SKETCH 25)	



BOX: 24	
ROCHESTER ST. INTERCHANGE	
SUMMARY OF EXISTING/FUTURE CONDITIONS	
G	- NO SITE SPECIFIC ISSUES
T	- ROCHESTER ST. / RAYMOND ST. INTERSECTION CONGESTION DURING PEAK PERIODS
S	- NO IDENTIFIED PROBLEMS
PROBLEM IDENTIFICATION	
- STOP SIGN PROVIDES INSUFFICIENT OPPORTUNITIES TO CROSS/ACCESS ROCHESTER ST.	

SHORT LISTED ALTERNATIVES	
1. DO NOTHING.	
2. MINOR MODIFICATIONS: - PROVIDE 3-WAY STOP CONTROL (i.e. ADD STOP SIGN ON ROCHESTER STREET)	
3. MAJOR MODIFICATIONS: - SIGNALIZE ROCHESTER ST./RAYMOND ST. INTERSECTION	

BOX: 26	
BRONSON INTERCHANGE / LYON ST. RAMP	
SUMMARY OF EXISTING/FUTURE CONDITIONS	
G	- DISTANCE BETWEEN LYON ST. ON-RAMP AND BRONSON AVE. WB OFF-RAMP TOO SHORT
T	- EB OFF-RAMP/BRONSON AVE. INTERSECTION CONGESTION DURING PEAK PERIODS LEADS TO QUEUING ON EB QUEENSWAY - BRONSON AVE. / CATHERINE ST. / RAYMOND ST. INTERSECTION CONGESTION DURING PEAK PERIODS LEADS TO QUEUING ON CATHERINE ST. AND THE WB BRONSON AVE. OFF-RAMP
S	- HIGHER THAN EXPECTED COLLISION PROBABILITY FOR EB OFF RAMP INTERSECTION AT BRONSON AVE.
PROBLEM IDENTIFICATION	
- EB RIGHT TURN TRAFFIC ON EB OFF-RAMP RESTRICTED BY DOWNSTREAM TRAFFIC CONGESTION ON BRONSON AVE. - TRAFFIC QUEUING ONTO EB QUEENSWAY CAUSES DELAY AND SAFETY CONCERNS - INSUFFICIENT CAPACITY AT BRONSON/CATHERINE/RAYMOND ST. INTERSECTION TO ACCOMMODATE TRAFFIC DEMANDS - WEAVING BETWEEN TRAFFIC ENTERING WB QUEENSWAY AT LYON AND TRAFFIC EXITING AT BRONSON CAUSES SAFETY CONCERNS AND IS A FUTURE CONGESTION CONCERN	

SHORT LISTED ALTERNATIVES	
1. DO NOTHING.	
2. MINOR MODIFICATIONS: - IMPROVE TRAFFIC FLOW ON BRONSON BY PROHIBITING LEFT TURNS ONTO CHAMBERLAIN AVE. AND BY INTRODUCING TURN RESTRICTIONS AT OTHER INTERSECTIONS INCLUDING BRONSON/POWELL, ETC.	
3. MAJOR MODIFICATIONS: - CLOSE BRONSON RAMP AND ACCOMMODATE MOVES ELSEWHERE WITH IMPROVEMENTS TO CATHERINE ST. AND CHAMBERLAIN/ISABELLA AVE. (SEE SKETCHES 26-1, 26-2) - EXTEND DECELERATION LANE FOR EB OFF-RAMP TO PROVIDE ADDITIONAL STORAGE FOR QUEUED VEHICLES	

BOX: 27	
KENT ST. INTERCHANGE	
SUMMARY OF EXISTING/FUTURE CONDITIONS	
G	- NO SITE SPECIFIC ISSUES
T	- EB LANE DROP AT KENT ST. OFF-RAMP WILL LEAD TO MAJOR CONGESTION DURING PEAK PERIODS BY 2011
S	- NO IDENTIFIED PROBLEMS
PROBLEM IDENTIFICATION	
- EB THROUGH LANE DROP AT KENT ST. OFF-RAMP RESULTS IN CONGESTION	

SHORT LISTED ALTERNATIVES	
1. DO NOTHING.	
2. MINOR MODIFICATIONS: - NO VIABLE MODIFICATIONS	
3. MAJOR MODIFICATIONS: - ADD 1 ADDITIONAL EB THROUGH LANE FROM KENT ST. OFF-RAMP EASTERLY	