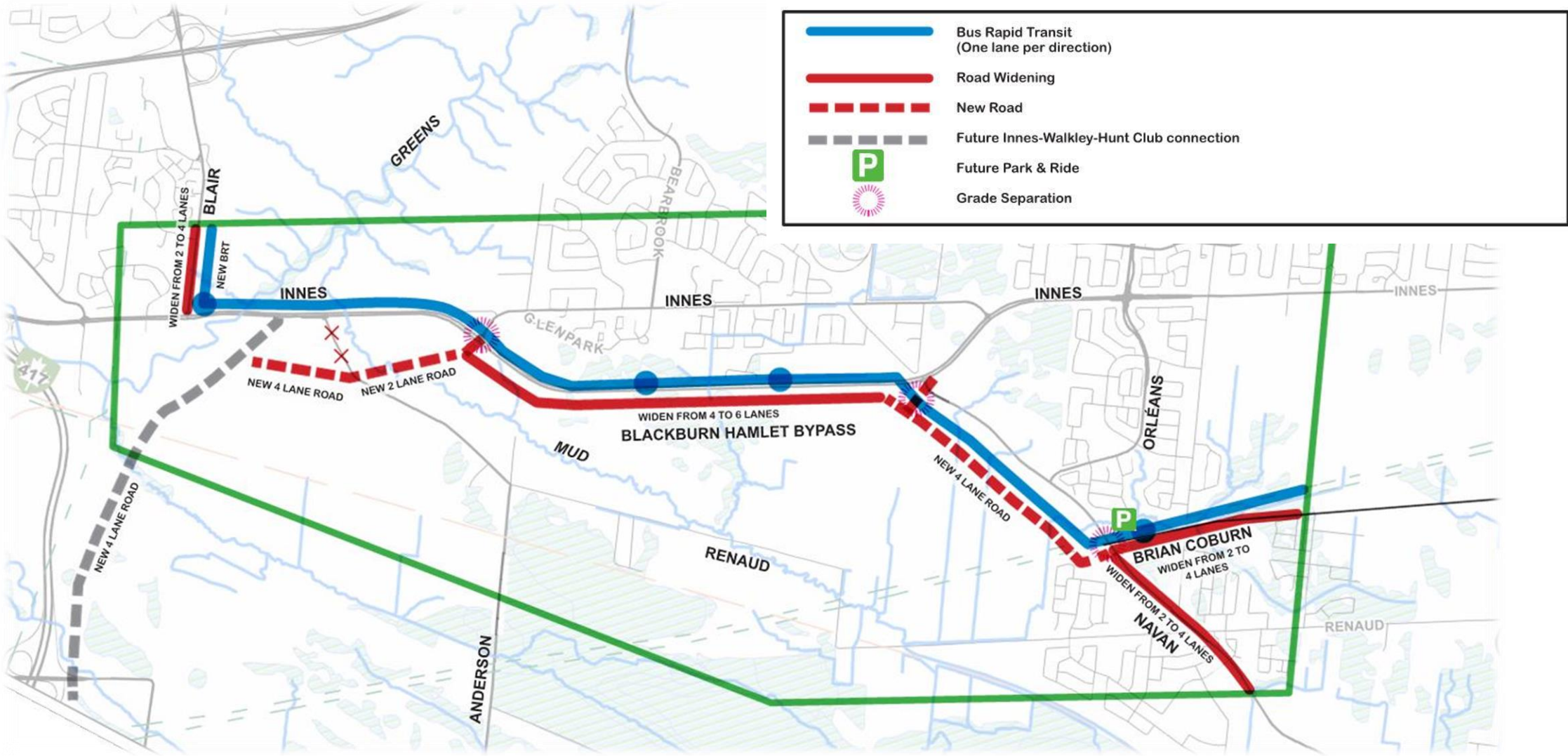


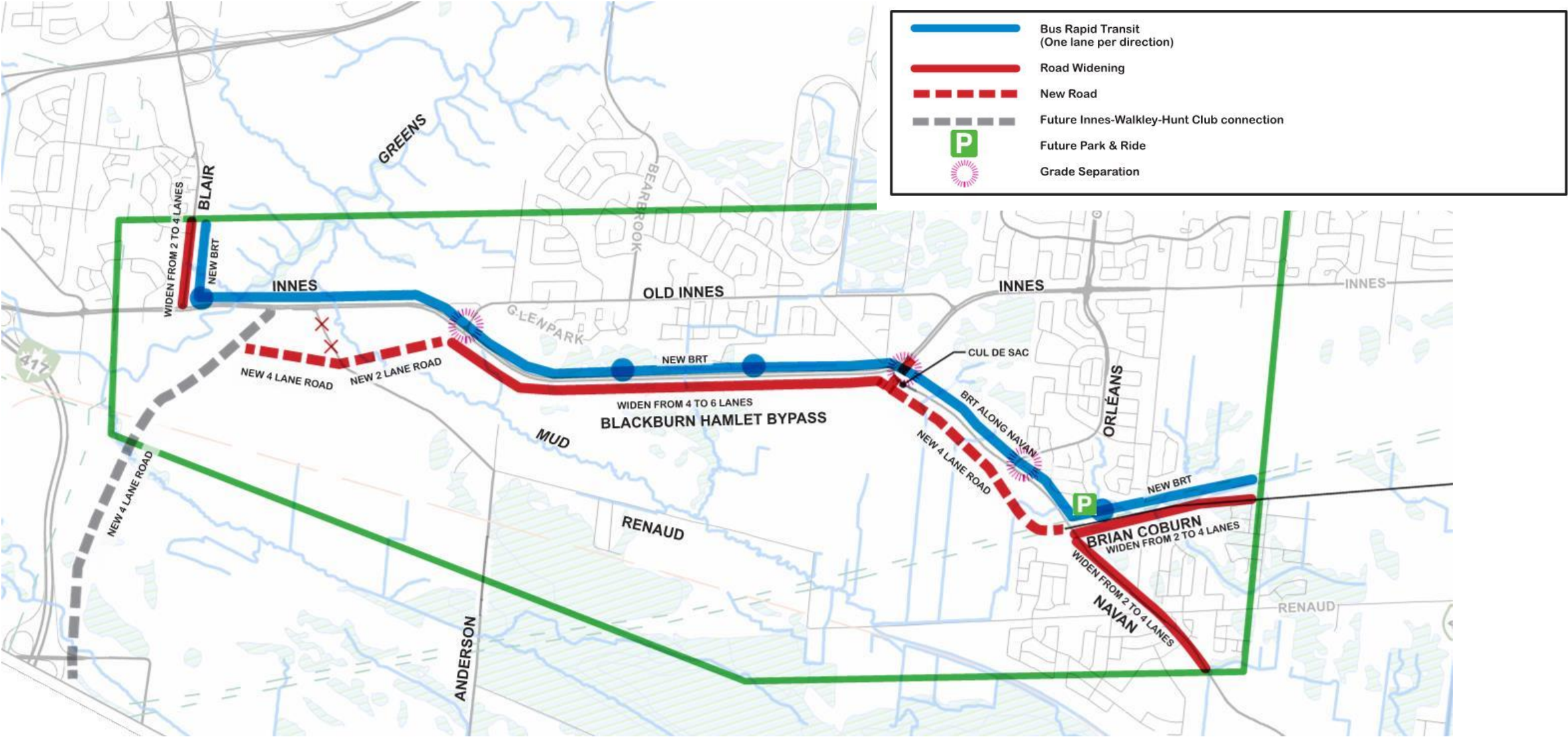
Brian Coburn Blvd. / Cumberland Transitway – Corridor Alternatives – Screening

Option 1: New Road and BRT off Navan



Natural Environment	Social Environment	Cultural Environment	Transportation	Cost	
<ul style="list-style-type: none"><li>Relatively low impact to Greenbelt Core Natural Areas</li><li>Requires new watercourse crossing of Mud Creek (Core Natural Area)</li></ul>	<ul style="list-style-type: none"><li>Low community impacts along Navan Road</li><li>Community impacts along north edge of Bradley Estates</li><li>Severs tile drained active agricultural lands</li></ul>	<ul style="list-style-type: none"><li>Potential impact to areas of archaeological potential</li></ul>	<ul style="list-style-type: none"><li>Accommodates Travel Demand (Navan cul de sac removed near Park and Ride based on public feedback)</li></ul>	<ul style="list-style-type: none"><li>Moderate cost</li></ul>	<b>Carry Forward</b>
<i>Average --</i>	<i>Good √</i>	<i>Average --</i>	<i>Good √</i>	<i>Average --</i>	

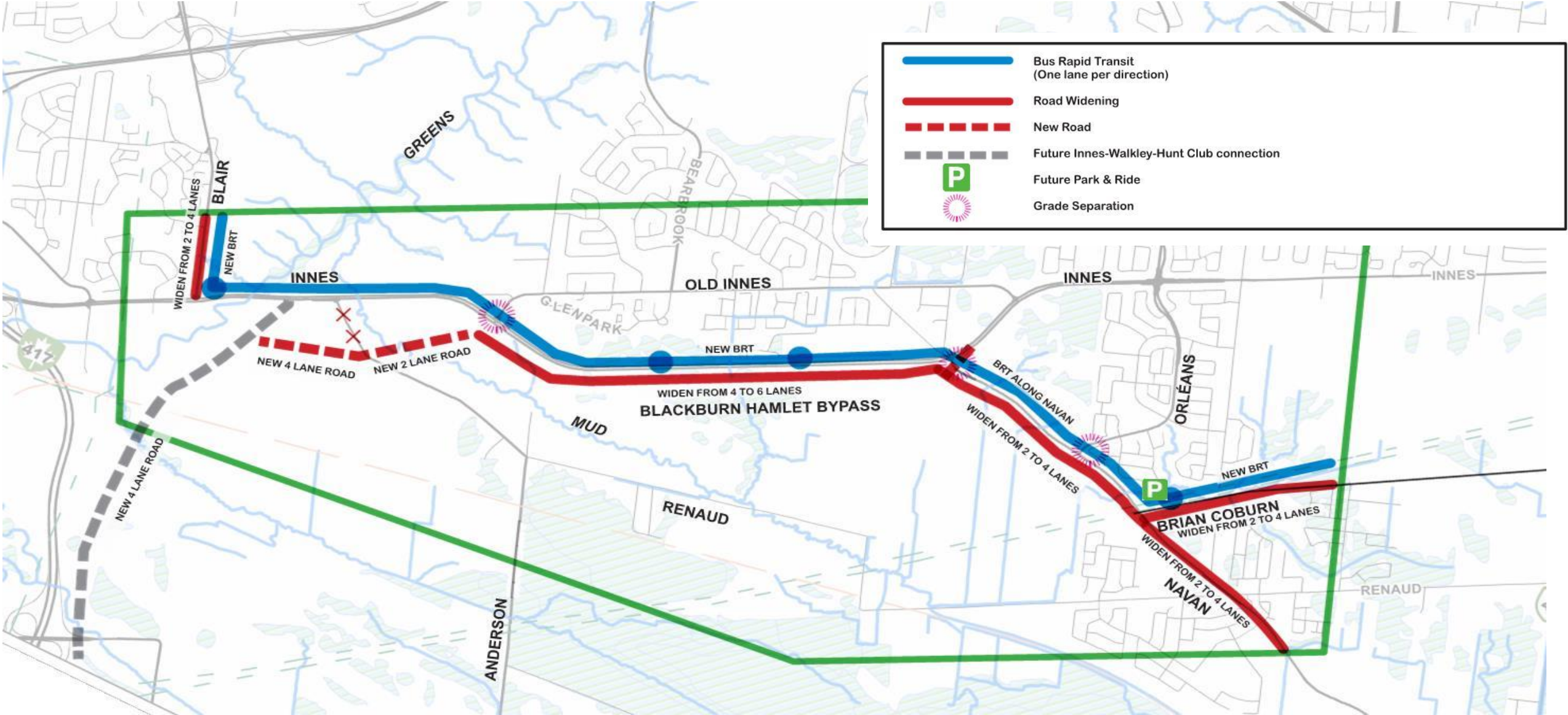
Option 2: 4 Lane off Navan / BRT on Navan



Natural Environment	Social Environment	Cultural Environment	Transportation	Cost	
<ul style="list-style-type: none"><li>Relatively low impact to Greenbelt Core Natural Areas</li><li>Requires new watercourse crossing of Mud Creek (Core Natural Area)</li></ul>	<ul style="list-style-type: none"><li>Higher community impacts along Navan Road with Bus Rapid Transit bridge structure at Orleans Blvd</li><li>Community impacts along north edge of Bradley Estates</li><li>Potential for increase in noise and vibration levels to sensitive noise receivers (St. Mary the Virgin Anglican Church, Orléans Montessori Preschool, residential houses)</li><li>Severs tile drained active agricultural lands</li></ul>	<ul style="list-style-type: none"><li>May impact property with high potential to be of cultural heritage value or interest (church and cemetery on Navan Road)</li><li>Impact to areas of archaeological potential</li></ul>	<ul style="list-style-type: none"><li>Accommodates Travel Demand</li></ul>	<ul style="list-style-type: none"><li>High cost</li></ul>	<b>Do Not Carry Forward</b>
Average --	Poor X	Poor X	Good √	Poor X	



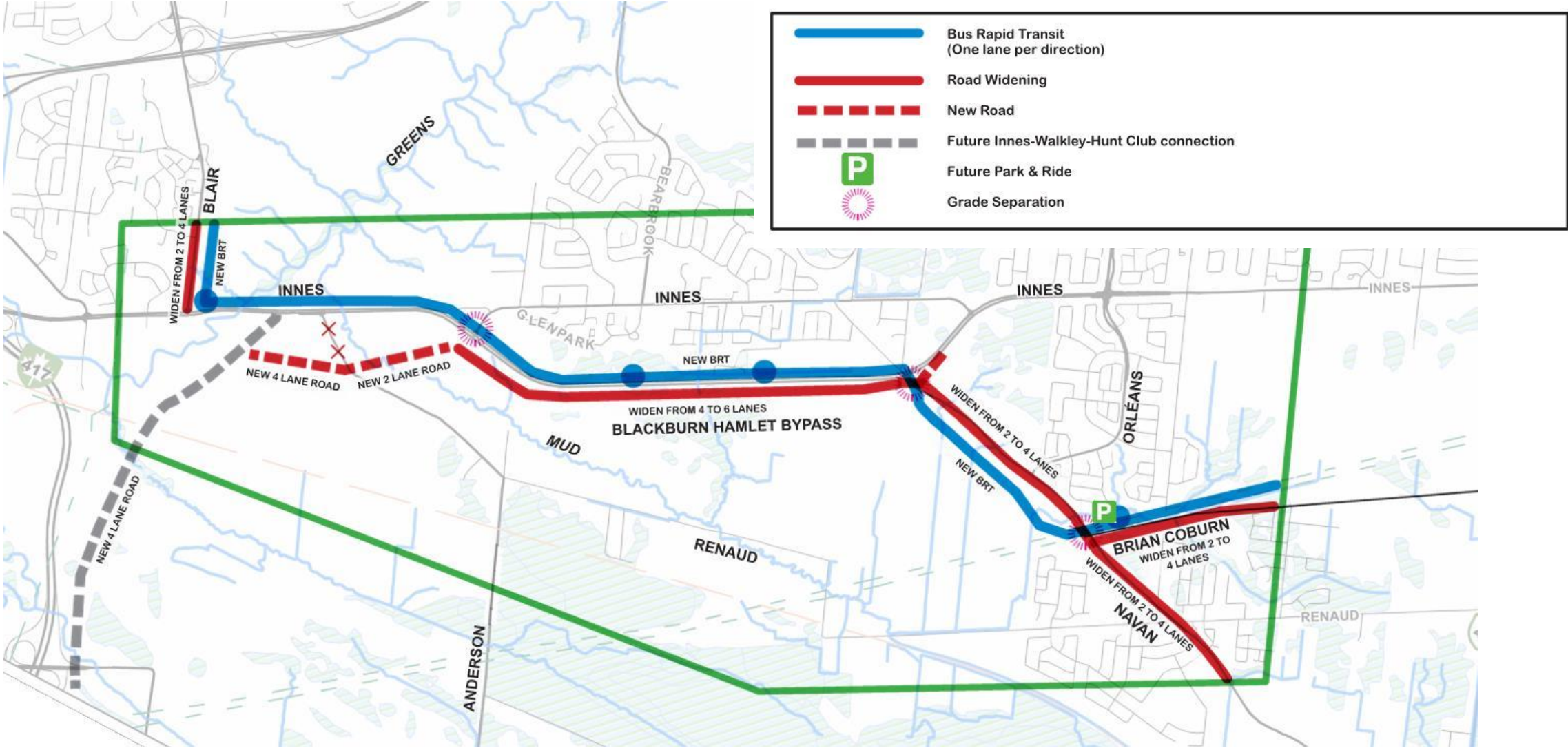
Option 3: Widen and BRT on Navan



Natural Environment	Social Environment	Cultural Environment	Transportation	Cost	
<ul style="list-style-type: none"><li>Relatively low impact to Greenbelt Core Natural Areas</li><li>Requires new watercourse crossing of Mud Creek (Core Natural Area)</li></ul>	<ul style="list-style-type: none"><li>Highest community impacts along Navan Road with widening to 6 lanes and Bus Rapid Transit bridge structure at Orleans Blvd</li><li>Avoids community impacts along north edge of Bradley Estates</li><li>Potential for increase in noise and vibration levels to sensitive noise receivers (St. Mary the Virgin Anglican Church, Orléans Montessori Preschool, residential houses)</li><li>Severs tile drained agricultural lands but less than for Options 1 and 2</li></ul>	<ul style="list-style-type: none"><li>Impact to areas of archaeological potential</li><li>May impact property with high potential to be of cultural heritage value or interest (church and cemetery on Navan Road)</li></ul>	<ul style="list-style-type: none"><li>Accommodates Travel Demand</li></ul>	<ul style="list-style-type: none"><li>High cost</li></ul>	<b>Do Not Carry Forward</b>
<i>Average --</i>	<i>Poor X</i>	<i>Poor X</i>	<i>Good √</i>	<i>Poor X</i>	

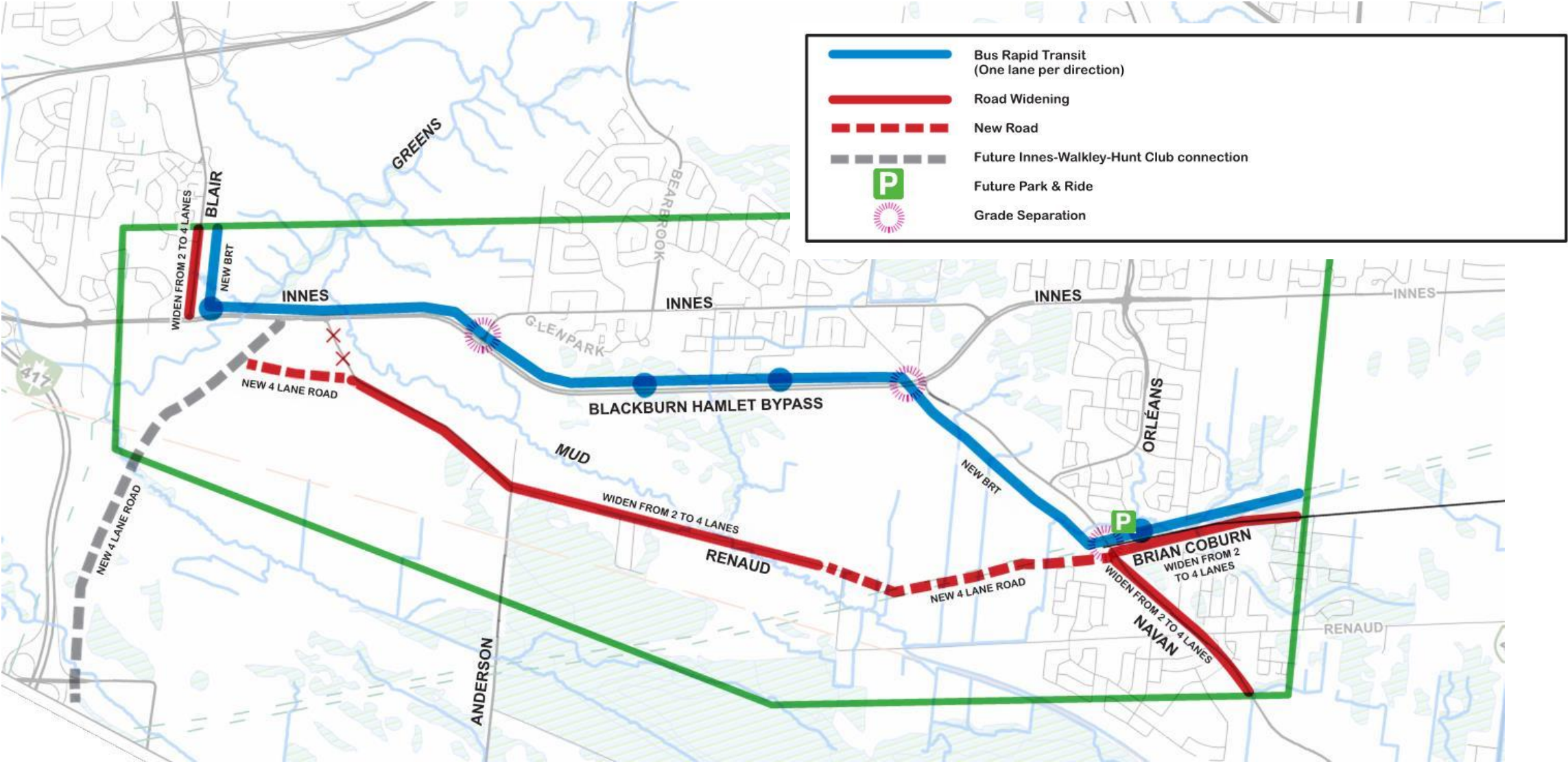


## Option 4: Widen Navan / BRT off Navan



Natural Environment	Social Environment	Cultural Environment	Transportation	Cost	
<ul style="list-style-type: none"> <li>Relatively low impact to Greenbelt Core Natural Area</li> <li>Requires new watercourse crossing of Mud Creek (Core Natural Area)</li> </ul>	<ul style="list-style-type: none"> <li>Some community impacts along Navan Road</li> <li>Community impacts along north edge of Bradley Estates</li> <li>Potential for increase in noise and vibration levels to sensitive noise receivers (St. Mary the Virgin Anglican Church, Orléans Montessori Preschool and Childcare and residential houses)</li> <li>Severs tile drained active agricultural lands</li> </ul>	<ul style="list-style-type: none"> <li>Impact to areas of archaeological potential</li> <li>May impact property with high potential to be of cultural heritage value or interest (church and cemetery on Navan Road)</li> </ul>	<ul style="list-style-type: none"> <li>Accommodates Travel Demand</li> </ul>	<ul style="list-style-type: none"> <li>Moderate cost</li> </ul>	<b>Carry Forward</b>
<i>Average --</i>	<i>Average --</i>	<i>Average --</i>	<i>Good</i> ✓	<i>Average --</i>	

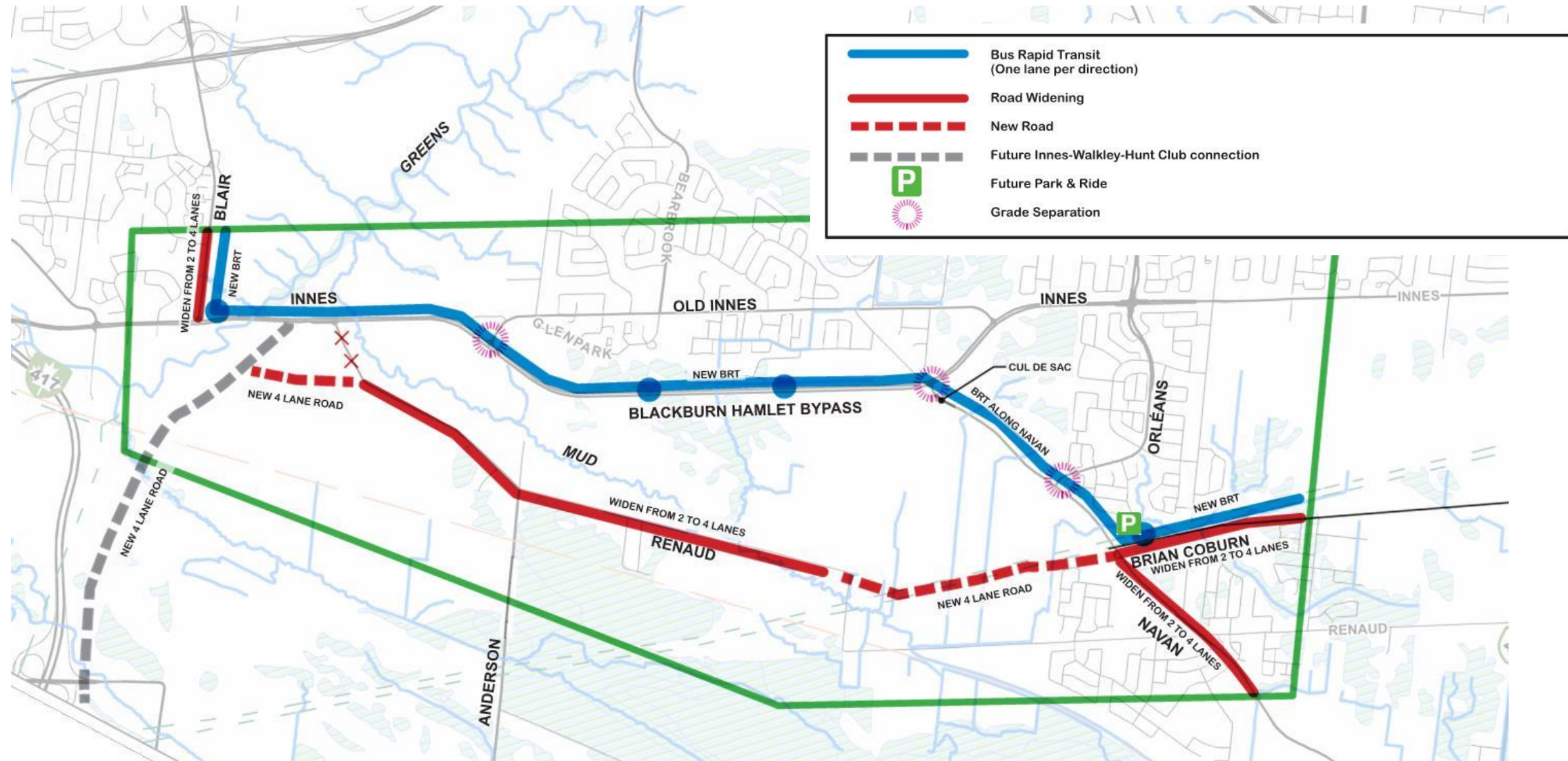
Option 5: Renaud Extension and BRT off Navan



Natural Environment	Social Environment	Cultural Environment	Transportation	Cost	
<ul style="list-style-type: none"><li>Impacts to Greenbelt from 2 corridors</li><li>Requires two new watercourse crossings (Mud Creek tributaries)</li><li>Avoids crossing of deeper Mud Creek valley (and Core Natural Area) as under Options 1 to 4</li></ul>	<ul style="list-style-type: none"><li>Less impact to community along Navan Road</li><li>Community impacts along north edge of Bradley Estates but expect less cut-through traffic</li><li>Potential for increase in noise and vibration levels to sensitive noise receivers (St. Mary the Virgin Anglican Church, Orléans Montessori Preschool and Childcare and residential houses)</li><li>Severs tile drained active agricultural lands</li></ul>	<ul style="list-style-type: none"><li>Impact to areas of archaeological potential</li></ul>	<ul style="list-style-type: none"><li>Accommodates Travel Demand</li></ul>	<ul style="list-style-type: none"><li>Moderate cost</li></ul>	<b>Carry Forward</b>
<i>Poor X</i>	<i>Good √</i>	<i>Average --</i>	<i>Good √</i>	<i>Average --</i>	



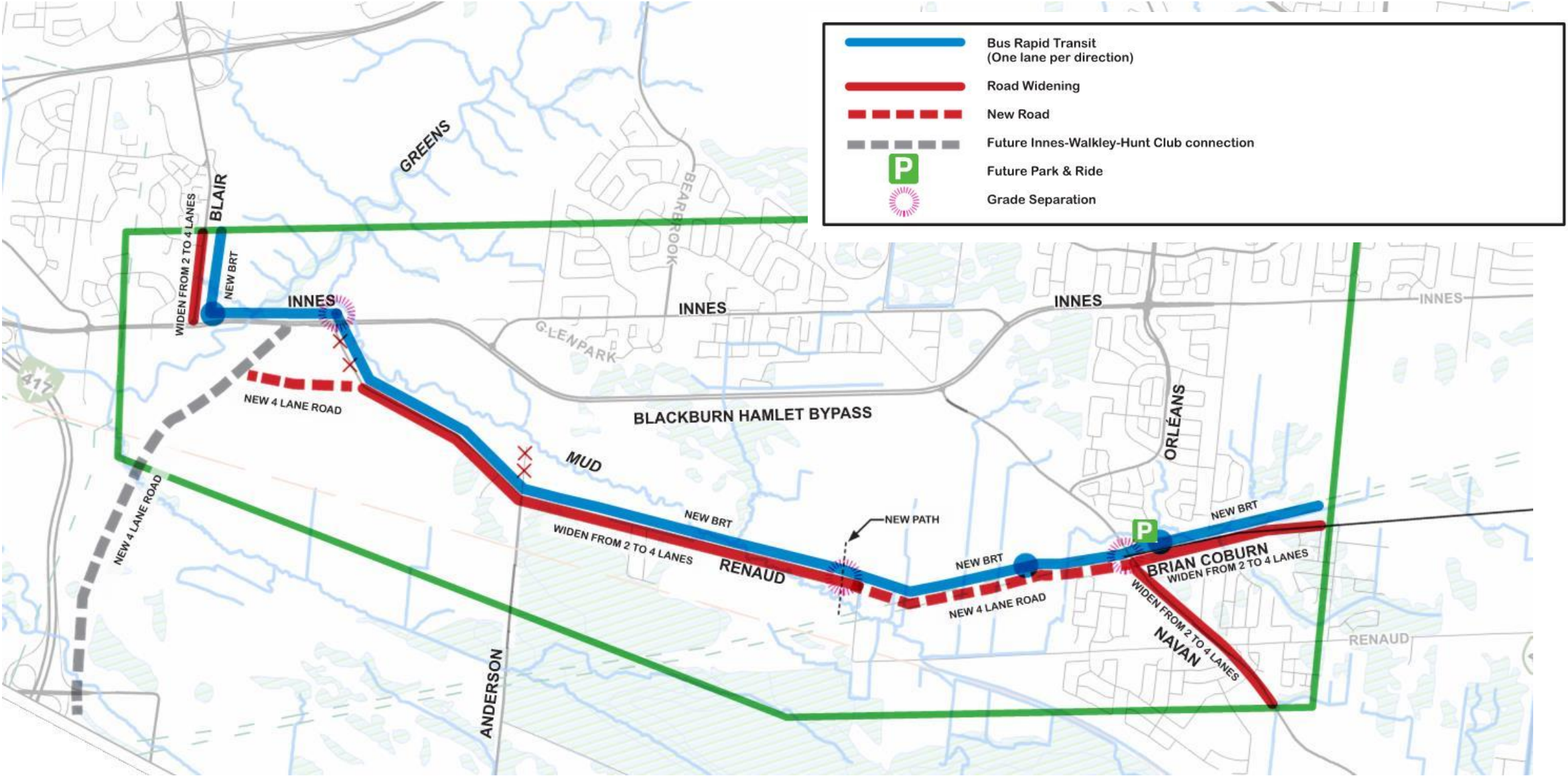
## Option 6: Renaud Extension and BRT on Navan



Natural Environment	Social Environment	Cultural Environment	Transportation	Cost	
<ul style="list-style-type: none"><li>Impacts to Greenbelt from 2 corridors but less impact than Option 5</li><li>Requires extension of two existing watercourse crossings (Mud Creek tributaries)</li><li>Avoids crossing of deeper Mud Creek valley and Core Natural Area as under Options 1 to 4</li></ul>	<ul style="list-style-type: none"><li>Higher community impacts along Navan Road with Bus Rapid Transit bridge structure at Orleans Blvd</li><li>Community impacts along north edge of Bradley Estates but expect less cut-through traffic</li><li>Could create an increase in noise and vibration levels to sensitive noise receivers (St. Mary the Virgin Anglican Church, Orléans Montessori Preschool / Childcare and houses)</li><li>Severs tile drained active agricultural lands</li></ul>	<ul style="list-style-type: none"><li>Impact to areas of archaeological potential</li><li>May impact property with high potential to be of cultural heritage value or interest (church and cemetery on Navan Road)</li></ul>	<ul style="list-style-type: none"><li>Accommodates Travel Demand</li></ul>	<ul style="list-style-type: none"><li>High cost</li></ul>	<b>Do Not Carry Forward</b>
<i>Poor X</i>	<i>Poor X</i>	<i>Poor X</i>	<i>Good ✓</i>	<i>Poor X</i>	



Option 7: Renaud Extension and BRT on Renaud



Natural Environment	Social Environment	Cultural Environment	Transportation	Cost	
<ul style="list-style-type: none"><li>Impacts to Greenbelt from widest Renaud corridor but bundles infrastructure on a single route</li><li>Requires extension of two existing watercourse crossings (Mud Creek tributaries)</li><li>Avoids crossing of deeper Mud Creek valley (and Core Natural Area) as under Options 1 to 4</li></ul>	<ul style="list-style-type: none"><li>Least impact to Navan Road community</li><li>Community impacts along north edge of Bradley Estates but expect less cut-through traffic</li><li>Severs tile drained active agricultural lands</li></ul>	<ul style="list-style-type: none"><li>Impact to areas of archaeological potential</li></ul>	<ul style="list-style-type: none"><li>Accommodates Travel Demand</li></ul>	<ul style="list-style-type: none"><li>Low cost</li></ul>	<b>Carry Forward</b>
<i>Poor X</i>	<i>Good √</i>	<i>Average --</i>	<i>Good √</i>	<i>Good √</i>	