

Segment 1 Evaluation Table				
Relative Importance based upon IA approved weighting: Low, Moderate, High	Left	Right	Center	Summary
	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	
	Red = Impact		Black = Enhancement	
<b>Environmental</b>				
1. Floodplains <u>Low</u>	<u>Low</u> 0.8 acres.	<u>Lowest</u> 0.7 acres.	<u>Lowest</u> 0.7 acres.	Impacts to 100-year floodplain for Segment 1 alternatives are similar. Floodplain compensation will be required.
2. Surface Water Protection <u>High</u>	<u>High</u> 0.18 acres.	<u>High</u> 0.71 acres.	<u>Highest</u> 0.15 acres.	Segment 1 has minimal impacts to local surface waters from bridge construction. Enhancement in water quality will occur from runoff collection on new bridge over Munson Slough.
3. Vegetation and Wildlife <u>High</u>	<u>Lowest</u> 13.1 acres.	<u>Low</u> 15.2 acres.	<u>Low</u> 14 acres.	No additional habitat fragmentation effects occur. There is a low likelihood of listed species occurrence for all Segment 1 alternatives.
4. Wetlands <u>High</u>	<u>Low</u> 0.89 acres.	<u>Low</u> 0.55 acres.	<u>Lowest</u> 0.16 acres.	The impact of Segment 1 alternatives are minimal and the wetlands are of low quality.
5. Stormwater Management <u>High</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	A stormwater management system will be constructed where none exists.
<b>Economic</b>				
6. Cost <u>Moderate</u>	<u>Lowest</u> \$50.2 million.	<u>Medium</u> \$55.6 million.	<u>High</u> \$62.1 million.	Costs are compared to the lowest cost alternative.
7. Access & Mobility <u>Moderate</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	Improves access and mobility along CCSW between Springhill Road and Crawfordville Highway. Allows for easier movement of heavy vehicles.
8. Economic Development <u>Moderate</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	All Segment 1 alternatives provide improved access allowing for economic development.
<b>Social</b>				
9. Historical and Archaeological Sites <u>Low</u>	<u>None</u>	<u>None</u>	<u>None</u>	Segment 1 has no known historical or archaeological resources.
10. Mixed Housing <u>Low</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	By providing better access and mobility to relatively undeveloped areas along CCSW, Segment 1 alternatives allow for the growth of mixed housing. However, there is limited land available for such development in this segment.
11. Recreation/Open Space/Greenways <u>Moderate</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	Segment 1 alternatives have potential connectivity to the St. Marks Trail.
12a. Residential Neighborhoods: (Right-of-Way Impacts) <u>High</u>	<u>Medium</u> Impacts 13 residential parcels, (relocates 18 households on 11 parcels).	<u>Lowest</u> Impacts 8 residential parcels (relocates 11 households on 4 parcels).	<u>Low</u> Impacts 7 residential parcels (relocates 13 households on 6 parcels).	The range of impacts from lowest to highest is small. However, the left alignment doubles the number of residential parcels with household relocations.
12b. Residential Neighborhoods: (Noise Impacts) <u>High</u>	<u>Low</u> 14 receptors are over the 65 dBA threshold.	<u>Lowest</u> 13 receptors are over the 65 dBA threshold.	<u>Low</u> 15 receptors are over the 65 dBA threshold.	Effects from noise are similar for Segment 1 alternatives.
13. Business Community <u>Low</u>	<u>Low</u> Impacts 7 parcels and relocates 7 businesses.	<u>Lowest</u> Impacts 6 parcels and relocates 6 businesses.	<u>Medium</u> Impacts 12 parcels and relocates 8 businesses.	Segment 1 alternatives will result in moderate impacts to existing businesses along CCSW.

Segment 2 Evaluation Table				
Relative Importance based upon IA approved weighting: Low, Moderate, High	Left	Right	Center	Summary
	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	
	Red = Impact      Black = Enhancement			
<b>Environmental</b>				
1. Floodplains <u>Low</u>	<b>Same</b> 13.5 acres.	<b>Same</b> 13.5 acres.	<b>Same</b> 13.5 acres.	Impacts to floodplains for Segment 2 alternatives are the same. Floodplain compensation will be required.
2. Surface Water Protection <u>High</u>	<b>Highest</b> 0.96 acres.	<b>High</b> 1.03 acres.	<b>Highest</b> 0.96 acres.	Segment 2 has minimal impacts to local surface waters. Stormwater management will be constructed and will eliminate the direct discharge of stormwater to Bradford Brook.
3. Vegetation and Wildlife <u>High</u>	<b>Lowest</b> 34.9 acres of native upland habitats, 8 percent of contiguous wetlands.	<b>Medium</b> 70.4 acres of native upland habitats, 16 percent of contiguous wetlands.	<b>Low</b> 45.6 acres of native upland habitats, 10 percent of contiguous wetlands.	No additional habitat fragmentation effects occur. There is a moderate likelihood of listed species occurrence for all Segment 2 alternatives. Segment 2 impacts range from 8 to 16 percent of contiguous uplands.
4. Wetlands <u>High</u>	<b>Lowest</b> 0.26 acres of impact to high quality and 0.03 acres to low quality wetlands.	<b>Lowest</b> 0.26 acres of impact to high quality and 0.03 acres to low quality wetlands.	<b>Lowest</b> 0.26 acres of impact to high quality and 0.03 acres to low quality wetlands.	All Segment 2 alternatives are the same
5. Stormwater Management <u>High</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	A stormwater management system will be constructed where none exists.
<b>Economic</b>				
6. Cost <u>Moderate</u>	<b>High</b> \$134.0 million.	<b>Lowest</b> \$99.5 million.	<b>Medium</b> \$105.9 million.	Costs are compared to the lowest cost alternative.
7. Access & Mobility <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	Improves access and mobility along CCSW for the airport and existing businesses. Allows for easier movement of heavy vehicles.
8. Economic Development <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	All Segment 2 alternatives provide improved access allowing for economic development.
<b>Social</b>				
9. Historical and Archaeological Sites <u>Low</u>	<b>Lowest</b> 8 previously recorded archaeological sites in the vicinity.	<b>Lowest</b> 8 previously recorded archaeological sites in the vicinity.	<b>Lowest</b> 8 previously recorded archaeological sites in the vicinity.	One site potentially eligible for listing on the National Register of Historic Places.
10. Mixed Housing <u>Low</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	Segment 2 alternatives are not inductive to mixed housing as there are very few parcels that could accommodate mixed housing.
11. Recreation/Open Space/Greenways <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	Segment 2 alternatives have potential connectivity to the St. Marks Trail.
12a. Residential Neighborhoods: (Right-of-Way Impacts) <u>High</u>	<b>None</b>	<b>None</b>	<b>None</b>	Segment 2 alternatives have no right-of-way impacts on neighborhoods.
12b. Residential Neighborhoods: (Noise Impacts) <u>High</u>	<b>Lowest</b> 2 receptors are over the 65 dBA threshold.	<b>Lowest</b> 2 receptors are over the 65 dBA threshold.	<b>Lowest</b> 2 receptors are over the 65 dBA threshold.	Segment 2 alternatives have minimal noise impacts on neighborhoods.
13. Business Community <u>Low</u>	<b>High</b> High impacts to the Tallahassee Regional Airport. Relocates 1 business.	<b>Lowest</b> No impacts to the Tallahassee Regional Airport. Relocates 1 business.	<b>Medium</b> Moderate impacts to the Tallahassee Regional Airport. Relocates 1 business.	Business impacts primarily to Tallahassee Regional Airport.

Segment 3 Evaluation Table				
Relative Importance based upon IA approved weighting: Low, Moderate, High	3 LBE East	3 LBE West	3 LBE Center	Summary
	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	
		Red = Impact      Black = Enhancement		
<b>Environmental</b>				
1. Floodplains <u>Low</u>	<u>Low</u> 11.7 acres	<u>Lowest</u> 7.6 acres	<u>Low</u> 10.5 acres	Impacts to floodplains for Segment 3 alternatives are similar. Floodplain compensation will be required.
2. Surface Water Protection <u>High</u>	<u>Lowest</u> 0.53 acres	<u>Low</u> 0.61 acres	<u>Low</u> 0.67 acres	All Segment 3 alternatives have minimal impacts to local surface waters (West Drainage Ditch).
3. Vegetation and Wildlife <u>High</u>	<u>Low</u> 35.6 acres	<u>Lowest</u> 32.2 acres	<u>Low</u> 34.8 acres	Habitat fragmentation effects are likely. There is a high likelihood of listed species occurrence for all Segment 3 alternatives.
4. Wetlands <u>High</u>	<u>High</u> 9.47 acres plus substantial fragmentation.	<u>Low</u> 4.03 acres	<u>Medium</u> 7.09 acres	The impacts to moderate quality wetlands tends to vary between Segment 3 alternatives.
5. Stormwater Management <u>High</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	A stormwater management system will be constructed where none exists.
<b>Economic</b>				
6. Cost <u>Moderate</u>	<u>Lowest</u> \$56.5 million	<u>High</u> \$73.0 million	<u>Low</u> \$57.9 million	Costs are compared to the lowest cost alternative of Segment 3.
7. Access & Mobility <u>Moderate</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	All Segment 3 alternatives provide improved access and mobility to points south and east of Orange Avenue.
8. Economic Development <u>Moderate</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	All Segment 3 alternatives provide improved access to developing properties allowing for economic development.
<b>Social</b>				
9. Historical and Archaeological Sites <u>Low</u>	<u>Low</u> 3 previously recorded archaeological sites in the vicinity.	<u>Lowest</u> 2 previously recorded archaeological sites in the vicinity.	<u>Lowest</u> 2 previously recorded archaeological sites in the vicinity.	Two sites potentially eligible for listing on the National Register of Historic Places.
10. Mixed Housing <u>Low</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	All Segment 3 alternatives provide better access and mobility to developing areas near Lake Bradford and Orange Avenue allowing for the development of mixed housing.
11. Recreation/Open Space/Greenways <u>Moderate</u>	<u>Same</u>	<u>Same</u>	<u>Same</u>	All alternatives have the potential for connectivity with two proposed greenways in the area.
12a. Residential Neighborhoods: (Right-of-Way Impacts) <u>High</u>	<u>Lowest</u> Impacts 3 residential parcels, (relocates 42 residents on 2 parcels).	<u>High</u> Impacts 5 residential parcels, (relocates 83 residents on 4 parcels).	<u>Low</u> Impacts 3 residential parcels, (relocates 46 residents on 2 parcels).	All Segment 3 alternatives effect a large number of households with right-of-way impacts.
12b. Residential Neighborhoods: (Noise Impacts) <u>High</u>	<u>Lowest</u> 2 receptors are over the 65 dBA threshold and 3 receptors will have a +15 increase in noise level.	<u>Lowest</u> 2 receptors are over the 65 dBA threshold and 3 receptors will have a +15 increase in noise level.	<u>Lowest</u> 2 receptors are over the 65 dBA threshold and 3 receptors will have a +15 increase in noise level.	A minimal number of households are effected by noise impacts on all Segment 3 alternatives.
13. Business Community <u>Low</u>	<u>Lowest</u> Impacts 2 parcels and relocates 0 businesses.	<u>Low</u> Impacts 2 parcels and relocates 1 business.	<u>Lowest</u> Impacts 2 parcels and relocates 0 businesses.	All Segment 3 alternatives will result in minimal impacts to businesses.

**Segment 3c Evaluation Table**

Relative Importance based upon IA approved weighting: Low, Moderate, High	3c LBE East	3c LBE West	3c LBE Center	Summary
	Effect: Relative to lowest or highest (Low, Medium, High). <b>Red = Impact</b>	Effect: Relative to lowest or highest (Low, Medium, High). <b>Black = Enhancement</b>	Effect: Relative to lowest or highest (Low, Medium, High).	
<b>Environmental</b>				
1. Floodplains <u>Low</u>	<b>Low</b> 12.2 acres	<b>Lowest</b> 7.5 acres	<b>Low</b> 10.6 acres	Impacts to floodplains for Segment 3c alternatives are similar. Floodplain compensation will be required.
2. Surface Water Protection <u>High</u>	<b>Low</b> 0.91 acres	<b>Low</b> 0.71 acres	<b>Lowest</b> 0.53 acres	All Segment 3c alternatives have minimal impacts to local surface waters (West Drainage Ditch).
3. Vegetation and Wildlife <u>High</u>	<b>Low</b> 36.1 acres	<b>Lowest</b> 32.1 acres	<b>Low</b> 34.4 acres	Habitat fragmentation effects are likely. There is a high likelihood of listed species occurrence for all Segment 3c alternatives.
4. Wetlands <u>High</u>	<b>Medium</b> 9.29 acres and no fragmentation.	<b>Lowest</b> 3.71 acres	<b>Low</b> 5.74 acres	The impacts to moderate quality wetlands tends to vary between Segment 3c alternatives.
5. Stormwater Management <u>High</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	A stormwater management system will be constructed where none exists.
<b>Economic</b>				
6. Cost <u>Moderate</u>	<b>Lowest</b> \$58.0 million	<b>High</b> \$73.6 million	<b>Low</b> \$58.5 million	Costs are compared to the lowest cost alternative of all Segments 3c alternatives.
7. Access & Mobility <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	All Segment 3c alternatives provide improved access and mobility to points south and east of Orange Avenue.
8. Economic Development <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	All alternatives provide access to developing areas allowing for economic development.
<b>Social</b>				
9. Historical and Archaeological Sites <u>Low</u>	<b>Lowest</b> 2 previously recorded archaeological sites in the vicinity.	<b>Lowest</b> 2 previously recorded archaeological sites in the vicinity.	<b>Lowest</b> 2 previously recorded archaeological sites in the vicinity.	Two sites potentially eligible for listing on the National Register of Historic Places.
10. Mixed Housing <u>Low</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	Segment 3c alternatives provide better access and mobility to developing areas near Lake Bradford and Orange Avenue allowing for the development of mixed housing.
11. Recreation/Open Space/Greenway <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	All alternatives have the potential for connectivity with two proposed greenways in the area.
12a. Residential Neighborhoods: (Right-of-Way Impacts) <u>High</u>	<b>Lowest</b> Impacts 3 residential parcels, (relocates 42 residents on 2 parcels).	<b>High</b> Impacts 5 residential parcels, (relocates 83 residents on 4 parcels).	<b>Lowest</b> Impacts 5 residential parcels, (relocates 46 residents on 2 parcels).	All Segment 3c alternatives effect a large number of households with right-of-way impacts.
12b. Residential Neighborhoods: (Noise Impacts) <u>High</u>	<b>Lowest</b> 2 receptors are over the 65 dBA threshold and 3 receptors will have a +15 increase in noise level.	<b>Lowest</b> 2 receptors are over the 65 dBA threshold and 3 receptors will have a +15 increase in noise level.	<b>Lowest</b> 2 receptors are over the 65 dBA threshold and 3 receptors will have a +15 increase in noise level.	A minimal number of households are effected by noise impacts on all Segment 3c alternatives.
13. Business Community <u>Low</u>	<b>Lowest</b> Impacts 2 parcels and relocates 0 businesses.	<b>Low</b> Impacts 2 parcels and relocates 1 business.	<b>Lowest</b> Impacts 2 parcels and relocates 0 businesses.	All Segment 3c alternatives will result in minimal impacts to businesses.

Segment 4a and 4b Evaluation Table							
Relative Importance based upon IA approved weighting: Low, Moderate, High	4a South	4a North	4a Center	4b South	4b North	4b Center	Summary
	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	
			<b>Red</b> = Impact	<b>Black</b> = Enhancement			
<b>Environmental</b>							
1. Floodplains <u>Low</u>	<b>Medium</b> 16.3 acres	<b>Medium</b> 16.3 acres	<b>Medium</b> 16.3 acres	<b>Low</b> 8.7 acres	<b>Low</b> 8.7 acres	<b>Low</b> 8.7 acres	Impacts to floodplains for all Segment 4 alternatives are similar. Floodplain compensation will be required.
2. Surface Water Protection <u>High</u>	<b>Low</b> 0.45 acres	<b>Lowest</b> 0.44 acres	<b>Low</b> 0.64 acres	<b>Medium</b> 1.21 acres	<b>Low</b> 0.53 acres	<b>Low</b> 0.53 acres	All Segment 4 alternatives have minimal impact to local surface waters.
3. Vegetation and Wildlife <u>High</u>	<b>High</b> 41.4 acres	<b>High</b> 40.1 acres	<b>High</b> 39.9 acres	<b>Medium</b> 31.1 acres	<b>Medium</b> 30.8 acres	<b>Medium</b> 32.1 acres	Segment 4 alternatives have moderate habitat fragmentation effects with a moderate likelihood of listed species occurrence.
4. Wetlands <u>High</u>	<b>High</b> 0.99 acres of impact to high quality, 0.08 acres to moderate quality and 1.47 to low quality wetlands.	<b>Medium</b> 0.99 acres of impact to high quality and 0.05 acres to moderate quality wetlands.	<b>Medium</b> 0.99 acres of impact to high quality, 0.08 acres to moderate quality and 0.05 to low quality wetlands.	<b>Low</b> 0.08 acres of impact to moderate quality and 1.44 acres to low quality wetlands.	<b>Lowest</b> 0.08 acres of impact to moderate quality wetlands.	<b>Low</b> 0.08 acres of impact to moderate quality and 0.05 acres to low quality	Wetland impacts of Segment 4 alternatives are very similar and tend to impact high and moderate quality wetlands.
5. Stormwater Management <u>High</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	A stormwater management system will be constructed where none exists.
<b>Economic</b>							
6. Cost <u>Moderate</u>	<b>Medium</b> \$62.1 million	<b>Medium</b> \$60.4 million	<b>Medium</b> \$60.9 million	<b>Medium</b> \$59.9 million	<b>Low</b> \$58.4 million	<b>Low</b> \$58.8 million	Costs are compared to the lowest cost of Segment 4 alternatives.
7. Access & Mobility <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	All Segment 4 alternatives provide improved access and mobility to points on and around Orange Avenue.
8. Economic Development <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	All alternatives allow for economic development by providing access to developing areas like Innovation Park.
<b>Social</b>							
9. Historical and Archaeological Sites <u>Low</u>	<b>Lowest</b> 6 previously recorded archaeological sites in the vicinity.	<b>Lowest</b> 6 previously recorded archaeological sites in the vicinity.	<b>Lowest</b> 6 previously recorded archaeological sites in the vicinity.	<b>Lowest</b> 6 previously recorded archaeological sites in the vicinity.	<b>Lowest</b> 6 previously recorded archaeological sites in the vicinity.	<b>Lowest</b> 6 previously recorded archaeological sites in the vicinity.	Segment 4a alternatives have one site and Segment 4a1 alternatives have two sites potentially eligible for listing on the National Register of Historic Places.
10. Mixed Housing <u>Low</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	By providing better access and mobility to developing areas around Orange Avenue, Segment 4 alternatives provide the opportunity for the development of mixed housing.
11. Recreation/Open Space/Greenways <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	Segment 4 alternatives provide increased access to recreational areas around Orange Avenue.
12a. Residential Neighborhoods: (Right-of-Way Impacts) <u>High</u>	<b>Low</b> Impacts 4 residential parcels, (relocates 3 households on 3 parcels).	<b>Low</b> Impacts 4 residential parcels, (relocates 3 households on 3 parcels).	<b>Low</b> Impacts 3 residential parcels, (relocates 2 households on 2 parcels).	<b>Low</b> Impacts 4 residential parcels, (relocates 3 households on 3 parcels).	<b>Low</b> Impacts 4 residential parcels, (relocates 3 households on 3 parcels).	<b>Lowest</b> Impacts 3 residential parcels, (relocates 2 households on 2 parcels).	Impacts of Segment 4 on residential neighborhoods are minimal.
12b. Residential Neighborhoods: (Noise Impacts) <u>High</u>	<b>Medium</b> 7 receptors are over the 65 dBA threshold and 1 receptor will have a +15 increase in noise level.	<b>Low</b> 2 receptors are over the 65 dBA threshold and 2 receptors will have a +15 increase in noise level.	<b>Low</b> 2 receptors are over the 65 dBA threshold and 1 receptor will have a +15 increase in noise level.	<b>Low</b> 2 receptors are over the 65 dBA threshold and 0 receptors will have a +15 increase in noise level.	<b>Lowest</b> 1 receptor is over the 65 dBA threshold and 0 receptors will have a +15 increase in noise level.	<b>Low</b> 2 receptors are over the 65 dBA threshold and 0 receptors will have a +15 increase in noise level.	Noise impacts on residential neighborhoods from Segment 4 alternatives are minimal.
13. Business Community <u>Low</u>	<b>Low</b> Impacts 2 commercial parcels and relocates 2 businesses.	<b>Lowest</b> Impacts 2 commercial parcels and relocates 1 business.	<b>Low</b> Impacts 3 commercial parcels and relocates 2 businesses.	<b>Medium</b> Impacts 3 commercial parcels and relocates 2 businesses.	<b>Lowest</b> Impacts 2 commercial parcels and relocates 1 business.	<b>Medium</b> Impacts 4 commercial parcels and relocates 2 businesses.	Segment 4 alternatives will result in minimal impacts to businesses in the area.

Segment 4a1 and 4b1 Evaluation Table							
Relative Importance based upon IA approved weighting: Low, Moderate, High	4a1 South	4a1 North	4a1 Center	4b1 South	4b1 North	4b1 Center	Summary
	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	
	Red = Impact			Black = Enhancement			
<b>Environmental</b>							
1. Floodplains <u>Low</u>	<b>Medium</b> 15.8 acres	<b>Medium</b> 15.8 acres	<b>Medium</b> 15.8 acres	<b>Low</b> 8.2 acres	<b>Low</b> 8.2 acres	<b>Low</b> 8.2 acres	Impacts to floodplains for all Segment 4 alternatives are similar. Floodplain compensation will be required.
2. Surface Water Protection <u>High</u>	<b>Low</b> 0.96 acres	<b>Low</b> 0.96 acres	<b>Low</b> 1.16 acres	<b>Low</b> 1.05 acres	<b>Low</b> 1.05 acres	<b>Low</b> 1.05 acres	All Segment 4 alternatives have minimal impact to local surface waters.
3. Vegetation and Wildlife <u>High</u>	<b>Medium</b> 34.3 acres	<b>Medium</b> 33.7 acres	<b>Medium</b> 32.6 acres	<b>Medium</b> 25 acres	<b>Medium</b> 24.8 acres	<b>Medium</b> 25 acres	Segment 4 alternatives have moderate habitat fragmentation effects with a moderate likelihood of listed species occurrence.
4. Wetlands <u>High</u>	<b>High</b> 0.99 acres of impact to high quality, 0.81 acres to moderate quality, and 1.55 acres to low quality wetlands.	<b>High</b> 0.99 acres of impact to high quality, 0.81 acres to moderate quality, and 0.42 acres to low quality wetlands.	<b>High</b> 0.99 acres of impact to high quality, 0.81 acres to moderate quality, and 0.85 acres to low quality wetlands.	<b>Medium</b> 0.81 acres to moderate quality, and 1.55 acres to low quality wetlands.	<b>Medium</b> 0.81 acres to moderate quality, and 0.42 acres to low quality wetlands.	<b>Medium</b> 0.81 acres to moderate quality, and 0.85 acres to low quality wetlands.	Wetland impacts of Segment 4 alternatives are very similar and tend to impact high and moderate quality wetlands.
5. Stormwater Management <u>High</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	A stormwater management system will be constructed where none exists.
<b>Economic</b>							
6. Cost <u>Moderate</u>	<b>Medium</b> \$59.5 million	<b>High</b> \$64.3 million	<b>Medium</b> \$62.8 million	<b>Lowest</b> \$56.1 million	<b>Medium</b> \$60.7 million	<b>Medium</b> \$61.7 million	Costs are compared to the lowest cost of Segment 4 alternatives.
7. Access & Mobility <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	All Segment 4 alternatives provide improved access and mobility to points on and around Orange Avenue.
8. Economic Development <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	All alternatives allow for economic development by providing access to developing areas like Innovation Park.
<b>Social</b>							
9. Historical and Archaeological Sites <u>Low</u>	<b>Low</b> 7 previously recorded archaeological sites in the vicinity.	<b>Low</b> 7 previously recorded archaeological sites in the vicinity.	<b>Low</b> 7 previously recorded archaeological sites in the vicinity.	<b>Low</b> 7 previously recorded archaeological sites in the vicinity.	<b>Low</b> 7 previously recorded archaeological sites in the vicinity.	<b>Low</b> 7 previously recorded archaeological sites in the vicinity.	Segment 4a alternatives have one site and Segment 4a1 alternatives have two sites potentially eligible for listing on the National Register of Historic Places.
10. Mixed Housing <u>Low</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	By providing better access and mobility to developing areas around Orange Avenue, Segment 4 alternatives provide the opportunity for the development of mixed housing.
11. Recreation/Open Space/Greenways <u>Moderate</u>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	<b>Same</b>	Segment 4 alternatives provide increased access to recreational areas around Orange Avenue.
12a. Residential Neighborhoods: (Right-of-Way Impacts) <u>High</u>	<b>Medium</b> Impacts 6 residential parcels, (relocates 2 households on 2 parcels).	<b>Medium</b> Impacts 7 residential parcels, (relocates 3 households on 3 parcels).	<b>Medium</b> Impacts 6 residential parcels, (relocates 2 households on 2 parcels).	<b>Medium</b> Impacts 6 residential parcels, (relocates 2 households on 2 parcels).	<b>Medium</b> Impacts 7 residential parcels, (relocates 3 households on 3 parcels).	<b>Medium</b> Impacts 6 residential parcels, (relocates 2 households on 2 parcels).	Impacts of Segment 4 on residential neighborhoods are minimal.
12b. Residential Neighborhoods: (Noise Impacts) <u>High</u>	<b>Low</b> 4 receptors are over the 65 dBA threshold and 1 receptor will have a +15 increase in noise level.	<b>Low</b> 3 receptors are over the 65 dBA threshold and 1 receptor will have a +15 increase in noise level.	<b>Medium</b> 8 receptors are over the 65 dBA threshold and 3 receptors will have a +15 increase in noise level.	<b>Low</b> 5 receptors are over the 65 dBA threshold and 0 receptors will have a +15 increase in noise level.	<b>Low</b> 3 receptors are over the 65 dBA threshold and 0 receptors will have a +15 increase in noise level.	<b>Medium</b> 8 receptors are over the 65 dBA threshold and 2 receptors will have a +15 increase in noise level.	Noise impacts on residential neighborhoods from Segment 4 alternatives are minimal.
13. Business Community <u>Low</u>	<b>Low</b> Impacts 1 commercial parcels and relocates 1 business.	<b>Low</b> Impacts 2 commercial parcels and relocates 1 business.	<b>Low</b> Impacts 2 commercial parcels and relocates 2 businesses.	<b>Low</b> Impacts 2 commercial parcels and relocates 1 business.	<b>Low</b> Impacts 3 commercial parcels and relocates 1 business.	<b>Medium</b> Impacts 3 commercial parcels and relocates 2 businesses.	Segment 4 alternatives will result in minimal impacts to businesses in the area.

Segment 4c Evaluation Table			
Relative Importance based upon IA approved weighting: Low, Moderate, High	4c		Summary
	Effect: Relative to lowest or highest (Low, Medium, High).		
	Red = Impact	Black = Enhancement	
<b>Environmental</b>			
1. Floodplains	<u>Low</u>	<b>Lowest</b> 6.2 acres	Impacts to floodplains for all Segment 4 alternatives are similar. Floodplain compensation will be required.
2. Surface Water Protection	<u>High</u>	<b>Medium</b> 1.69 acres	All Segment 4 alternatives have minimal impact to local surface waters.
3. Vegetation and Wildlife	<u>High</u>	<b>Lowest</b> 12.8 acres	Segment 4c has minimal habitat fragmentation effects with a low likelihood of listed species occurrence.
4. Wetlands	<u>High</u>	<b>Low</b> 0.81 acres to moderate quality wetlands.	Wetland impacts of Segment 4 alternatives are very similar and tend to impact high and moderate quality wetlands.
5. Stormwater Management	<u>High</u>	<b>Same</b>	A stormwater management system will be constructed where none exists.
<b>Economic</b>			
6. Cost	<u>Moderate</u>	<b>Low</b> \$56.8 million	Costs are compared to the lowest cost of Segment 4 alternatives.
7. Access & Mobility	<u>Moderate</u>	<b>Same</b>	All Segment 4 alternatives provide improved access and mobility to points on and around Orange Avenue.
8. Economic Development	<u>Moderate</u>	<b>Same</b>	All alternatives allow for economic development by providing access to developing areas like Innovation Park.
<b>Social</b>			
9. Historical and Archaeological Sites	<u>Low</u>	<b>Low</b> 7 previously recorded archaeological sites in the vicinity.	Two sites potentially eligible for listing on the National Register of Historic Places.
10. Mixed Housing	<u>Low</u>	<b>Same</b>	By providing better access and mobility to developing areas around Orange Avenue, Segment 4 alternatives provide the opportunity for the development of mixed housing.
11. Recreation/Open Space/Greenways	<u>Moderate</u>	<b>Same</b>	Segment 4 alternatives provide increased access to recreational areas around Orange Avenue.
12a. Residential Neighborhoods: (Right-of-Way Impacts)	<u>High</u>	<b>Low</b> Impacts 5 residential parcels, (relocates 1 household on 1 parcel).	Impacts of Segment 4 on residential neighborhoods are minimal.
12b. Residential Neighborhoods: (Noise Impacts)	<u>High</u>	<b>High</b> 21 receptors are over the 65 dBA threshold and 0 receptors will have a +15 increase in noise level.	Noise impacts on residential neighborhoods from Segment 4 alternatives are minimal.
13. Business Community	<u>Low</u>	<b>Medium</b> Impacts 4 commercial parcels and relocates 3 businesses.	Segment 4 alternatives will result in minimal impacts to businesses in the area.