

**Segment 1 Decision Matrix**

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).	
	<b>Red = Impact      Black = Enhancement</b>			
<i>Economic</i> <b>6. Cost</b> <u>Moderate</u>	<b>Lowest</b> \$50.2 million.	<b>Medium</b> \$55.6 million.	<b>High</b> \$62.1 million.	Costs are compared to the lowest cost alternative.
<i>Social</i> <b>12a. Residential Neighborhoods: (Right-of-Way Impacts)</b> <u>High</u>	<b>Medium</b> <i>Impacts 13 residential parcels, (relocates 18 households on 11 parcels).</i>	<b>Lowest</b> <i>Impacts 8 residential parcels (relocates 11 households on 4 parcels).</i>	<b>Low</b> <i>Impacts 7 residential parcels (relocates 13 households on 6 parcels).</i>	<i>The range of impacts from lowest to highest is small. However, the left alignment doubles the number of residential parcels with household relocations.</i>
<b>13. Business Community</b> <u>Low</u>	<b>Low</b> <i>Impacts 7 parcels and relocates 7 businesses.</i>	<b>Lowest</b> <i>Impacts 6 parcels and relocates 6 businesses.</i>	<b>Medium</b> <i>Impacts 12 parcels and relocates 8 businesses.</i>	<i>Segment 1 alternatives will result in moderate impacts to existing businesses along CCSW.</i>

Segment 2 Decision Matrix				
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	
<i>Environmental</i> 3. Vegetation and Wildlife <u>High</u>	<p style="text-align: center;"><b>Lowest</b></p> <p>34.9 acres of native upland habitats, 8 percent of contiguous wetlands.</p>	<p style="text-align: center;"><b>Medium</b></p> <p>70.4 acres of native upland habitats, 16 percent of contiguous wetlands.</p>	<p style="text-align: center;"><b>Low</b></p> <p>45.6 acres of native upland habitats, 10 percent of contiguous wetlands.</p>	<p>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.</p>
<i>Economic</i> 6. Cost <u>Moderate</u>	<p style="text-align: center;"><b>High</b></p> <p>\$134.0 million.</p>	<p style="text-align: center;"><b>Lowest</b></p> <p>\$99.5 million.</p>	<p style="text-align: center;"><b>Medium</b></p> <p>\$105.9 million.</p>	<p>Costs are compared to the lowest cost alternative.</p>
<i>Social</i> 13. Business Community <u>Low</u>	<p style="text-align: center;"><b>High</b></p> <p>High impacts to the Tallahassee Regional Airport. Relocates 1 business.</p>	<p style="text-align: center;"><b>Lowest</b></p> <p>No impacts to the Tallahassee Regional Airport. Relocates 1 business.</p>	<p style="text-align: center;"><b>Medium</b></p> <p>Moderate impacts to the Tallahassee Regional Airport. Relocates 1 business.</p>	<p>Business impacts primarily to Tallahassee Regional Airport.</p>

**Segment 3 Decision Matrix**

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			
<i>Environmental</i> 4. Wetlands <u>High</u>	<b>High</b>  9.47 acres plus substantial fragmentation.	<b>Low</b>  4.03 acres	<b>Medium</b>  7.09 acres	<i>The impacts to moderate quality wetlands tends to vary between Segment 3 alternatives.</i>
<i>Economic</i> 6. Cost <u>Moderate</u>	<b>Lowest</b>  \$56.5 million	<b>High</b>  \$73.0 million	<b>Low</b>  \$57.9 million	<i>Costs are compared to the lowest cost alternative of Segment 3.</i>
<i>Social</i> 12a. Residential Neighborhoods: (Right-of-Way Impacts) <u>High</u>	<b>Lowest</b>  <i>Impacts 3 residential parcels, (relocates 42 residents on 2 parcels).</i>	<b>High</b>  <i>Impacts 5 residential parcels, (relocates 83 residents on 4 parcels).</i>	<b>Low</b>  <i>Impacts 3 residential parcels, (relocates 46 residents on 2 parcels).</i>	<i>All Segment 3 alternatives effect a large number of households with right-of-way impacts.</i>

**Segment 3c Decision Matrix**

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).	Effect: Relative to lowest or highest (Low, Medium, High).	Effect: Relative to lowest or highest (Low, Medium, High).	
	<span style="color: red;">Red</span> = Impact <span style="background-color: yellow;">Black</span> = Enhancement			
<b>Environmental</b> <b>4. Wetlands</b> <u>High</u>	<b>Medium</b>  9.29 acres and no fragmentation.	<b>Lowest</b>  3.71 acres	<u>Low</u>  5.74 acres	<i>The impacts to moderate quality wetlands tends to vary between Segment 3c alternatives.</i>
<b>Economic</b> <b>6. Cost</b> <u>Moderate</u>	<b>Lowest</b>  \$58.0 million	<u>High</u>  \$73.6 million	<u>Low</u>  \$58.5 million	<i>Costs are compared to the lowest cost alternative of all Segments 3c alternatives.</i>
<b>Social</b> <b>12a. Residential Neighborhoods: (Right-of-Way Impacts)</b> <u>High</u>	<b>Lowest</b>  <i>Impacts 3 residential parcels, (relocates 42 residents on 2 parcels).</i>	<u>High</u>  <i>Impacts 5 residential parcels, (relocates 83 residents on 4 parcels).</i>	<b>Lowest</b>  <i>Impacts 5 residential parcels, (relocates 46 residents on 2 parcels).</i>	<i>All Segment 3c alternatives effect a large number of households with right-of-way impacts.</i>

**Segment 4a Decision Matrix**

Relative Importance based upon IA approved weighting: Low, Moderate, High	4a South	4a North	4a 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			
<i>Environmental</i> 1. Floodplains <u>Low</u>	<b>Medium</b> 16.3 acres	<b>Medium</b> 16.3 acres	<b>Medium</b> 16.3 acres	<i>Impacts to floodplains for all Segment 4 alternatives are similar. Floodplain compensation will be required.</i>
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	<i>All Segment 4 alternatives have minimal impact to local surface waters.</i>
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	<i>Segment 4 alternatives have moderate habitat fragmentation effects with a moderate likelihood of listed species occurrence.</i>
4. Wetlands <u>High</u>	<b>High</b> <i>0.99 acres of impact to high quality, 0.08 acres to moderate quality and 1.47 to low quality wetlands.</i>	<b>Medium</b> <i>0.99 acres of impact to high quality and 0.05 acres to moderate quality wetlands.</i>	<b>Medium</b> <i>0.99 acres of impact to high quality, 0.08 acres to moderate quality and 0.05 to low quality wetlands.</i>	<i>Wetland impacts of Segment 4 alternatives are very similar and tend to impact high and moderate quality wetlands.</i>
<i>Economic</i> 6. Cost <u>Moderate</u>	<b>Medium</b> \$62.1 million	<b>Medium</b> \$60.4 million	<b>Medium</b> \$60.9 million	<i>Costs are compared to the lowest cost of Segment 4 alternatives.</i>
<i>Social</i> 12a. Residential Neighborhoods: (Right-of-Way Impacts) <u>High</u>	<b>Low</b> <i>Impacts 4 residential parcels, (relocates 3 households on 3 parcels).</i>	<b>Low</b> <i>Impacts 4 residential parcels, (relocates 3 households on 3 parcels).</i>	<b>Low</b> <i>Impacts 3 residential parcels, (relocates 2 households on 2 parcels).</i>	<i>Impacts of Segment 4 on residential neighborhoods are minimal.</i>
12b. Residential Neighborhoods: (Noise Impacts) <u>High</u>	<b>Medium</b> <i>7 receptors are over the 65 dBA threshold and 1 receptor will have a +15 increase in noise level.</i>	<b>Low</b> <i>2 receptors are over the 65 dBA threshold and 2 receptors will have a +15 increase in noise level.</i>	<b>Low</b> <i>2 receptors are over the 65 dBA threshold and 1 receptor will have a +15 increase in noise level.</i>	<i>Noise impacts on residential neighborhoods from Segment 4 alternatives are minimal.</i>
13. Business Community <u>Low</u>	<b>Low</b> <i>Impacts 2 commercial parcels and relocates 2 businesses.</i>	<b>Lowest</b> <i>Impacts 2 commercial parcels and relocates 1 business.</i>	<b>Low</b> <i>Impacts 3 commercial parcels and relocates 2 businesses.</i>	<i>Segment 4 alternatives will result in minimal impacts to businesses in the area.</i>

**Segment 4b Decision Matrix**

Relative Importance based upon IA approved weighting: Low, Moderate, High	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).	
	Red = Impact      Black = Enhancement			
<b>Environmental</b> 1. Floodplains <u>Low</u>	<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>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>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>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 wetlands.	Wetland impacts of Segment 4 alternatives are very similar and tend to impact high and moderate quality wetlands.
<b>Economic</b> 6. Cost <u>Moderate</u>	<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.
<b>Social</b> 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>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>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>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 Decision Matrix				
Relative Importance based upon IA approved weighting: Low, Moderate, High	4a1 South	4a1 North	4a1 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>Medium</b> 15.8 acres	<b>Medium</b> 15.8 acres	<b>Medium</b> 15.8 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	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	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.	Wetland impacts of Segment 4 alternatives are very similar and tend to impact high and moderate quality wetlands.
<b>Economic</b> 6. Cost <u>Moderate</u>	<b>Medium</b> \$59.5 million	<b>Medium</b> \$64.3 million	<b>Medium</b> \$62.8 million	Costs are compared to the lowest cost of Segment 4 alternatives.
<b>Social</b> 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).	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.	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.	Segment 4 alternatives will result in minimal impacts to businesses in the area.

Segment 4b1 Decision Matrix				
Relative Importance based upon IA approved weighting: Low, Moderate, High	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).	
	Red = Impact		Black = Enhancement	
<b>Environmental</b> 1. Floodplains <u>Low</u>	<u>Low</u> 8.2 acres	<u>Low</u> 8.2 acres	<u>Low</u> 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>	<u>Low</u> 1.05 acres	<u>Low</u> 1.05 acres	<u>Low</u> 1.05 acres	All Segment 4 alternatives have minimal impact to local surface waters.
3. Vegetation and Wildlife <u>High</u>	<u>Medium</u> 25 acres	<u>Medium</u> 24.8 acres	<u>Medium</u> 25 acres	Segment 4 alternatives have moderate habitat fragmentation effects with a moderate likelihood of listed species occurrence.
4. Wetlands <u>High</u>	<u>Medium</u> 0.81 acres to moderate quality, and 1.55 acres to low quality wetlands.	<u>Medium</u> 0.81 acres to moderate quality, and 0.42 acres to low quality wetlands.	<u>Medium</u> 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.
<b>Economic</b> 6. Cost <u>Moderate</u>	<u>Lowest</u> \$56.1 million	<u>Medium</u> \$60.7 million	<u>Medium</u> \$61.7 million	Costs are compared to the lowest cost of Segment 4 alternatives.
<b>Social</b> 12a. Residential Neighborhoods: (Right-of-Way Impacts) <u>High</u>	<u>Medium</u> Impacts 6 residential parcels, (relocates 2 households on 2 parcels).	<u>Medium</u> Impacts 7 residential parcels, (relocates 3 households on 3 parcels).	<u>Medium</u> 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>	<u>Low</u> 5 receptors are over the 65 dBA threshold and 0 receptors will have a +15 increase in noise level.	<u>Low</u> 3 receptors are over the 65 dBA threshold and 0 receptors will have a +15 increase in noise level.	<u>Medium</u> 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>	<u>Low</u> Impacts 2 commercial parcels and relocates 1 business.	<u>Low</u> Impacts 3 commercial parcels and relocates 1 business.	<u>Medium</u> Impacts 3 commercial parcels and relocates 2 businesses.	Segment 4 alternatives will result in minimal impacts to businesses in the area.

### Segment 4c Decision Matrix

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 <span style="float: right;"><u>Low</u></span>	<b>Lowest</b> 6.2 acres		<i>Impacts to floodplains for all Segment 4 alternatives are similar. Floodplain compensation will be required.</i>
2. Surface Water Protection <span style="float: right;"><u>High</u></span>	<b>Medium</b> 1.69 acres		<i>All Segment 4 alternatives have minimal impact to local surface waters.</i>
3. Vegetation and Wildlife <span style="float: right;"><u>High</u></span>	<b>Lowest</b> 12.8 acres		<i>Segment 4c has minimal habitat fragmentation effects with a low likelihood of listed species occurrence.</i>
4. Wetlands <span style="float: right;"><u>High</u></span>	<b>Low</b> 0.81 acres to moderate quality wetlands.		<i>Wetland impacts of Segment 4 alternatives are very similar and tend to impact high and moderate quality wetlands.</i>
<b>Economic</b>			
6. Cost <span style="float: right;"><u>Moderate</u></span>	<b>Low</b> \$56.8 million		<i>Costs are compared to the lowest cost of Segment 4 alternatives.</i>
<b>Social</b>			
12a. Residential Neighborhoods: (Right-of-Way Impacts) <span style="float: right;"><u>High</u></span>	<b>Low</b> <i>Impacts 5 residential parcels, (relocates 1 household on 1 parcel).</i>		<i>Impacts of Segment 4 on residential neighborhoods are minimal.</i>
12b. Residential Neighborhoods: (Noise Impacts) <span style="float: right;"><u>High</u></span>	<b>High</b> <i>21 receptors are over the 65 dBA threshold and 0 receptors will have a +15 increase in noise level.</i>		<i>Noise impacts on residential neighborhoods from Segment 4 alternatives are minimal.</i>
13. Business Community <span style="float: right;"><u>Low</u></span>	<b>Medium</b> <i>Impacts 4 commercial parcels and relocates 3 businesses.</i>		<i>Segment 4 alternatives will result in minimal impacts to businesses in the area.</i>