

# ALTERNATIVES PUBLIC MEETING

## Florida Department of Transportation



### I-95 & Ellis Road Project Development & Environment Study

*Standard  
Urban  
(45 mph)  
Matrix*

Standard Urban (45 mph) Alternatives Evaluation Matrix			
Resource	Preliminary Alternatives		
	Urban 45 mph		
	Hold North R/W Line Impacts to South	Hold South R/W Line Impacts to North	Best Fit
<b>Right-of-way</b>			
<b>Number of Parcels</b>			
Business	21	19	28
Residential	8	18	18
Unimproved	17	13	16
<b>Total</b>	<b>46</b>	<b>50</b>	<b>62</b>
<b>Number of Relocates</b>			
Business	18.5	11	10
Residential	5	18	18
<b>Total</b>	<b>23.5</b>	<b>29</b>	<b>28</b>
<b>Environment</b>			
<b>Wetlands Impacts (ac)</b>	0.66	1.05	1.05
<b>Contamination</b>	Low	Low	Low
<b>Community Impacts</b>			
Business Disruptions	Major	Major	Major
Residential Disruptions	Minor	Major	Major
Utility Involvement	Major	Major	Major
<b>Costs (in millions)</b>			
<sup>(1)</sup> Right of Way	\$ 35.66	\$ 35.04	\$ 36.07
Construction	\$ 9.77	\$ 9.77	\$ 9.77
Engineering & Construction Management	\$ 1.47	\$ 1.47	\$ 1.47
<b>Grand-Total</b>	<b>\$ 46.90</b>	<b>\$ 46.28</b>	<b>\$ 47.31</b>

<sup>(1)</sup> Includes approximate right-of-way costs for ponds

*SIS High  
Speed Urban  
(50 mph)  
Matrix*

SIS High Speed Urban (50 mph) Alternatives Evaluation Matrix			
Resource	Preliminary Alternatives		
	SIS 50 mph		
	Hold North R/W Line Impacts to South	Hold South R/W Line Impacts to North	Best Fit
<b>Right-of-way</b>			
<b>Number of Parcels</b>			
Business	21	19	31
Residential	9	18	18
Unimproved	15	15	18
<b>Total</b>	<b>45</b>	<b>52</b>	<b>67</b>
<b>Number of Relocates</b>			
Business	20.5	13	10
Residential	6	18	18
<b>Total</b>	<b>26.5</b>	<b>31</b>	<b>28</b>
<b>Environment</b>			
<b>Wetlands Impacts (ac)</b>	0.78	1.17	1.17
<b>Contamination</b>	Low	Low	Low
<b>Community Impacts</b>			
Business Disruptions	Major	Major	Major
Residential Disruptions	Minor	Major	Major
Utility Involvement	Major	Major	Major
<b>Costs (in millions)</b>			
<sup>(1)</sup> Right of Way	\$ 45.93	\$ 42.00	\$ 43.26
Construction	\$ 11.31	\$ 11.31	\$ 11.31
Engineering & Construction Management	\$ 1.70	\$ 1.70	\$ 1.70
<b>Grand-Total</b>	<b>\$ 58.94</b>	<b>\$ 55.01</b>	<b>\$ 56.27</b>

<sup>(1)</sup> Includes approximate right-of-way costs for ponds

*Comparison of Best Fit Alternatives*

<b>Standard Urban (45 mph) vs. SIS High Speed (50 mph) Evaluation Matrix</b>			
Resource	Best Fit Alternatives		Interchange
	Urban 45 mph	SIS 50 mph	
<b>Right-of-way</b>			
<b>Number of Parcels</b>			
Business	28	31	0
Residential	18	18	0
Unimproved	16	18	4
<b>Total</b>	<b>62</b>	<b>67</b>	<b>4</b>
<b>Number of Relocates</b>			
Business	10	10	0
Residential	18	18	0
<b>Wetlands Impacts (ac)</b>			
Roadway	1.1	1.2	9.0
Ponds	1.3	1.3	3.5
<b>Contamination</b>			
	Low	Low	Low
<b>Community Impacts</b>			
Business Disruptions	Major	Major	None
Residential Disruptions	Major	Major	None
Utility Involvement	Major	Major	Major
<b>Costs (in millions)</b>			
<sup>(1)</sup> Right of Way	\$ 36.1	\$ 43.3	\$ 4.0
Utility Relocation	Not Determined	Not Determined	\$ 3.0
Construction	\$ 9.8	\$ 11.3	\$ 17.0
Engineering & Construction Management	\$ 1.5	\$ 1.7	\$ 2.6
<b>Grand-Total</b>	<b>\$ 47.3</b>	<b>\$ 56.3</b>	<b>\$ 26.6</b>

**For additional information, please contact:**

Ms. Mary McGehee  
 Florida Department of Transportation, District 5  
 719 S. Woodland Boulevard  
 Deland, FL 32720, Mail Station 501  
 Telephone: 386-943-5063  
 Toll free: 1-800-780-7102  
 mary.mcgehee@dot.myflorida.com

Mr. Daniel Kristoff, Jr., PE  
 Reynolds, Smith, and Hills Inc.  
 10748 Deerwood Park Boulevard  
 Jacksonville, FL 32256  
 Telephone: 904-256-2139  
 fax 904-256-2501  
 daniel.kristoff@rsandh.com