

NW Bethany Blvd. Roadway Improvement Project - Alternatives Comparison (Livability)
 (NW Bronson Road to NW West Union Road)
 January 27, 2011



Alternatives Impacts Analysis						
Project Issue	Alignment Alternative					Comments
	1	2	3	4		
	5 Lane	4 Lane	5/3/5 Lane	3 Lane	No Build	
2.E. Livability						
1. Impact to Accessibility						
a) Pedestrian connectivity	Increased - complete	Increased - complete	Increased - complete	Increased - complete	No change- intermittent	Provision of new sidewalks
b) Pedestrian crossing distance	Fair	Good	Better	Best	None marked	Length of average pedestrian crossings of NW Bethany
c) Improved student safety accessing Oak Hills School	Yes	Yes	Yes	Yes	No	Provision for signals and sidewalk to school
d) Additional marked pedestrian crossings	Yes	Yes	Yes	Yes	None	Provision of marked pedestrian crossings
e) Provide illumination to create safe environment	Yes	Yes	Yes	Yes	No	Addition of street lights
f) Provide bicycle connectivity	Increased - complete	Increased - complete	Increased - complete	Increased - complete	No	Provision of bike lanes
g) Provide for transit	Yes	Yes	Yes	Yes	No change	Provision of bus stop pads; sidewalks for transit riders to access stops
h) Provide for handicapped accessibility	Yes	Yes	Yes	Yes	No	Sidewalks and curb cuts meet ADA standards
2. Impact on Aesthetics of Corridor						
a) Tree removal	168 Trees	164 Trees	152 Trees	87 Trees	None	Numbers of trees to be removed
b) Opportunity to add landscaping	Fair	Good	Good	Best	No change	Right-of-way space available for landscaping. Note: Medians can be landscaped
3. Impact on Neighborhood/ Living Conditions						
a) Neighborhood cohesion	Fair	Good	Better	Best	No change	Physical separation between neighborhoods on either side of Bethany.
b) Air quality	Best	Better	Good	Poor	Worst	More congestion results in worse air quality
c) Noise impacts with mitigation	Best	Best	Worst	Worst	Worse	Estimated impacts from noise. Includes mitigation as allowed by County standards.
d) Opportunity for noise mitigation	Yes	Yes	None allowed	None allowed	None	Meets County standards for mitigation and fits within right-of-way
e) Neighborhood accessibility by auto	Best	Worse	Worse	Worst	No change	Number of intersection closures and ease of turning into neighborhoods
4. Improved Regional Transportation Access						
a) North/south auto connectivity	Best	Better	Good	Worse	Worst	Amount of improvement in traffic flow and reduction in delays
b) Provide road capacity	Yes	Yes	No	No	No	Provision to meet County standards
c) Provide bicycle capacity	Yes	Yes	Yes	Yes	No	Provision to meet County standards
d) Provide pedestrian capacity	Yes	Yes	Yes	Yes	No	Provision to meet County standards