

SUMMARY OF IMPROVEMENT ALTERNATIVE CHARACTERISTICS / IMPACTS								
Characteristics/Impacts	Transportation Improvement Alternatives							
	Concept No:	Alternative 1	Alternative 2	Alternative 3E	Alternative 3W	Alternative 4E	Alternative 4W	Wight
Level of Community Support <small>Measure of relative acceptance by community. (1 being best)</small>								
Transportation System Efficiency & Safety: <small>Ease of access and lack of congestion. (1 being best)</small>								Similar
Length of NH 110 Improvement (ft) <small>(see plans)</small>	2015	1890	1905	1900	2075	2120		1510
Length of Side Roads Improvement (ft) <small>(see plans)</small>	410	675	965	965	800	1130		190
Number of Intersections <small>(see plans)</small>	6	7	5	5	6	5		4
Number of Drives <small>(see plans)</small>	---	30	---	---	10	---		
Horizontal Alignment <small>(see plans)</small>	Very curvilinear	(30 mph Design) Moderately curvilinear	More direct	More direct	(30 mph Design) More direct	More direct		Closely follows existing alignment. Slight shifts west and east to minimize impacts
Vertical Alignment (Max. Grade)	5.9%	4.5% (7% vicinity of bridge)	-6.3%	-6.2%	4.0% (7% vicinity of bridge)	5.5%		-3.4%
Intersection Sight Distances	---	Sight distance is poor or limited at 4 intersections.	---	---	Sight distance is limited at 2 intersections.	---		
Miscellaneous	Shallow ledge at 3RD/110 intersection, proximity of intersections of 2ND and 3RD	Proximity of intersections of 2ND and 3RD	Proximity of Hillside RR crossing to intersection	Proximity of Hillside RR crossing to intersection	Proximity of Hillside RR crossing to intersection	Proximity of Hillside RR crossing to intersection		
Property Impacts:								
No. of Parcels Impacted	31	33	50	48	45	55		34
No. of Total Property Acquisitions (No. of Housing Units Affected)	7	12 (19)	25	25	27 (48)	28		0
Additional Potential Total Acquisitions	1	0	3	3	1	3		0
Wetland Impacts:	None	None	None	None	None	None		None
Historic Properties	TBD	TBD	TBD	TBD	TBD	TBD		TBD
Archaeological Resources	TBD	TBD	TBD	TBD	TBD	TBD		TBD
Community/Neighborhood Integrity	Splits Neighborhood (Thru 1 City Block)	Splits Neighborhood (Thru 2 City Blocks)	Splits Neighborhood (Down Second Ave)	Splits Neighborhood (Down Second Ave)	Preserves Neighborhood (Along RR Corridor)	Preserves Neighborhood (Along RR Corridor)		
Cost: (2008 Dollars)								
Preliminary Engineering		\$500,000			\$500,000			Construction Costs Included In Alternatives
Right-of-Way*		\$3,000,000			\$5,600,000			
Construction		\$3,800,000			\$4,000,000			
Total		\$7,300,000			\$10,100,000			

* ROW Cost includes Relocation, Business Re-establishment, Demolition, & Administration Costs
TBD = To Be Determined