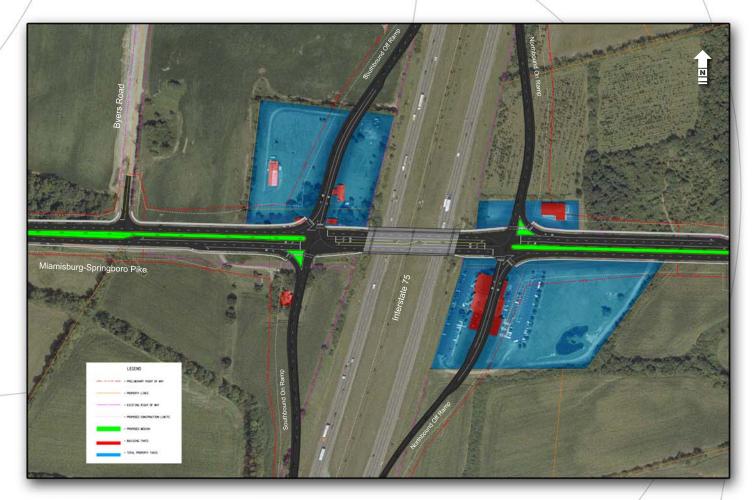


DIAMOND INTERCHANGE ALTERNATE No.1 "TIGHT DIAMOND"

Note: For either interchange alternative, the environmental effects, engineering considerations, right-of-way requirements, and project costs are the same for the remainder of the project area outside of the diamond interchange area.		
	Diamond Interchange Alternate No.1 "Tight" Diamond at I-75 Interchange area only	Diamond Interchange Alternate No. 2 "Standard" Diamond at I-75 Interchange area only
Right of Way Acquisiton	1	
Property Acquistion (Ac.)	12.9 Acres	27.5 Acres
Residential Building Acquisitions	2 (Northwest Quadrant)	3 (2 Northwest, 1 Southwest Quads)
nstitutional Building Acquisitions	1 (Church)	1 (Church)
Commercial Building Acquisitions	None	1 (Kendell Office Park)
nterchange Costs and Schedule	Lineary C.	
Right of Way Cost	\$2.8 Million	\$5.0 Million
Construction Cost*	\$12.7 Million	\$9.0 Million
Fotal Cost	\$15.5 Million	\$14.0 Million
Construction Duration	30 Months	24 Months
Geometrics & Traffic	Section 1997	Annual Control of the
Bridge Width	117 Feet (8 Lanes)	105 Feet (7 Lanes)
Capacity-LOS	Acceptable LOS C	Acceptable LOS C
Access Management-Control	NCHRP 332 guidelines not met	NCHRP 332 guidelines met
idewalk Issues	Barrier Along Wall	Not Applicable (No Wall)
Construction Aspects	forest and a second	Part of the Control o
ase of Maintenance of Traffic	Kendell access problem	Mimimal Problems
Constructability Concerns	Walls Required	Mitigation Stream Relocation
Seotechnical Issues	Wall construction footings	Mimimal Problems
Future Concerns		
Accomodate Future Widening	Not compatible	More Compatible
Maintenance of Walls	Extensive effort	Not Applicable
Itility Conflicts	More Difficult	Less Difficult
Aesthetics & Stakeholders		
lexibility for Aesthetics	Less Flexible	More Flexible
Stakeholder Opinion	Not Desired by Stakeholders	Desired by Stakeholders
Invironmental Affects	in many ten	Tages All Comments
Wetlands Impacted (Ac.)	0.0 Acres	0.0 Acres
Streams Impacted (Linear Feet)	0 Linear Feet	431 Linear Feet
Ph 2 ESA Sites Crossed	2 Sites	2 Sites
orested Areas Impacted (Ac.)	7.8 Acres	15.9 Acres
armland Impact (Ac.)	1.7 Acres	4.3 Acres



DIAMOND INTERCHANGE ALTERNATE No.2 "STANDARD DIAMOND"

