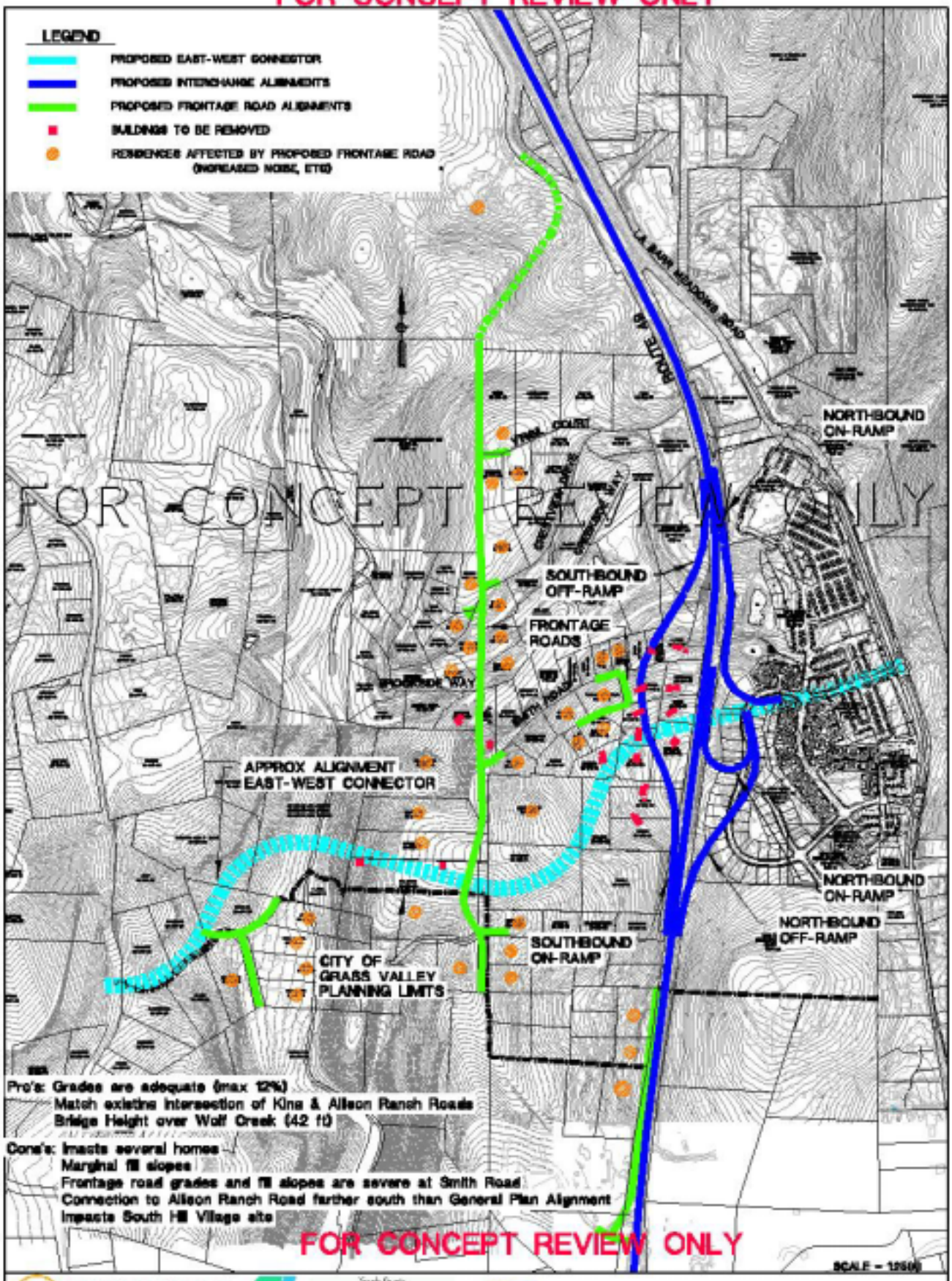FOR CONCEPT REVIEW ONLY