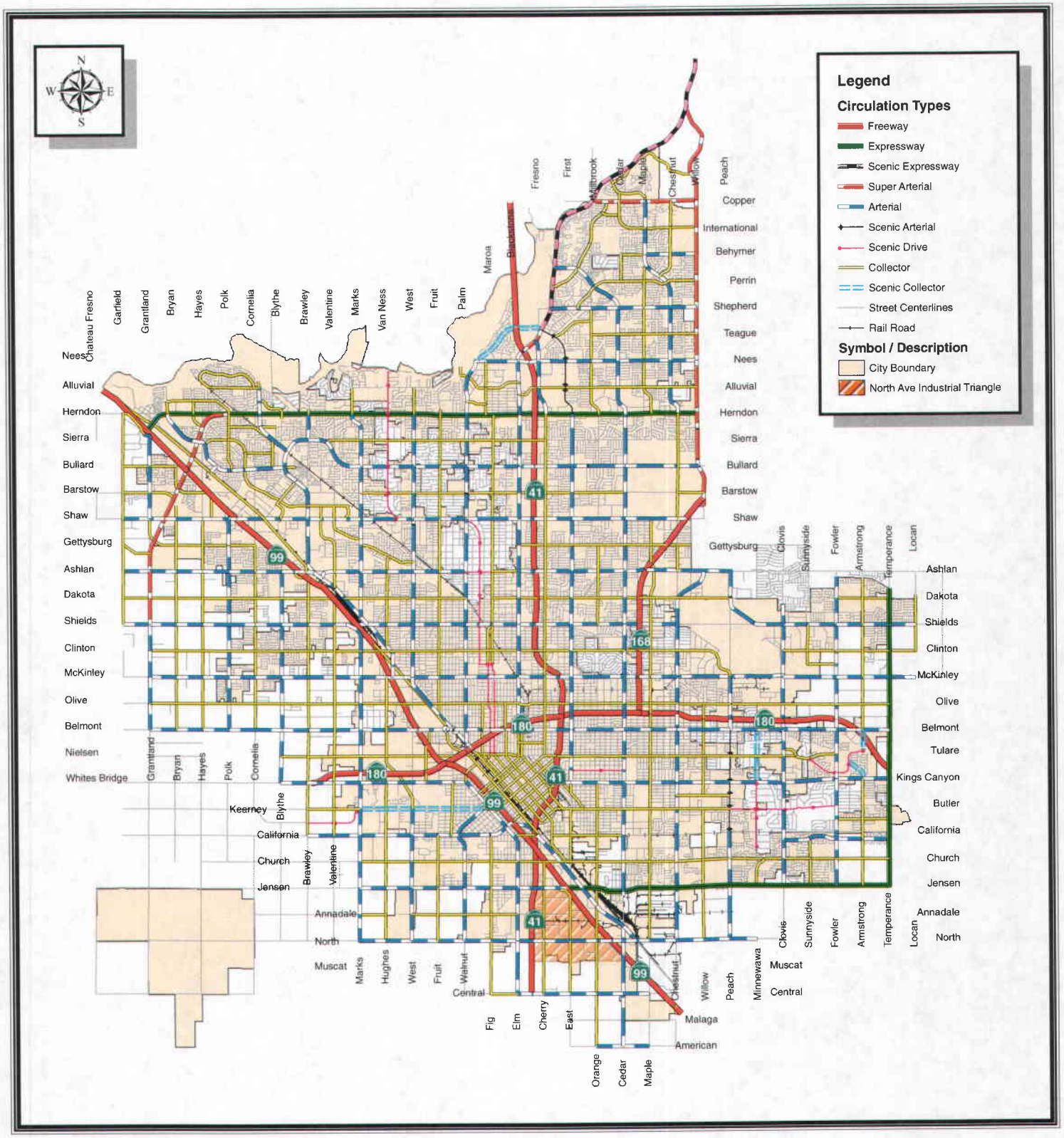CIRCULATION MAP