Figure 4.1: Motorized Circulation Map
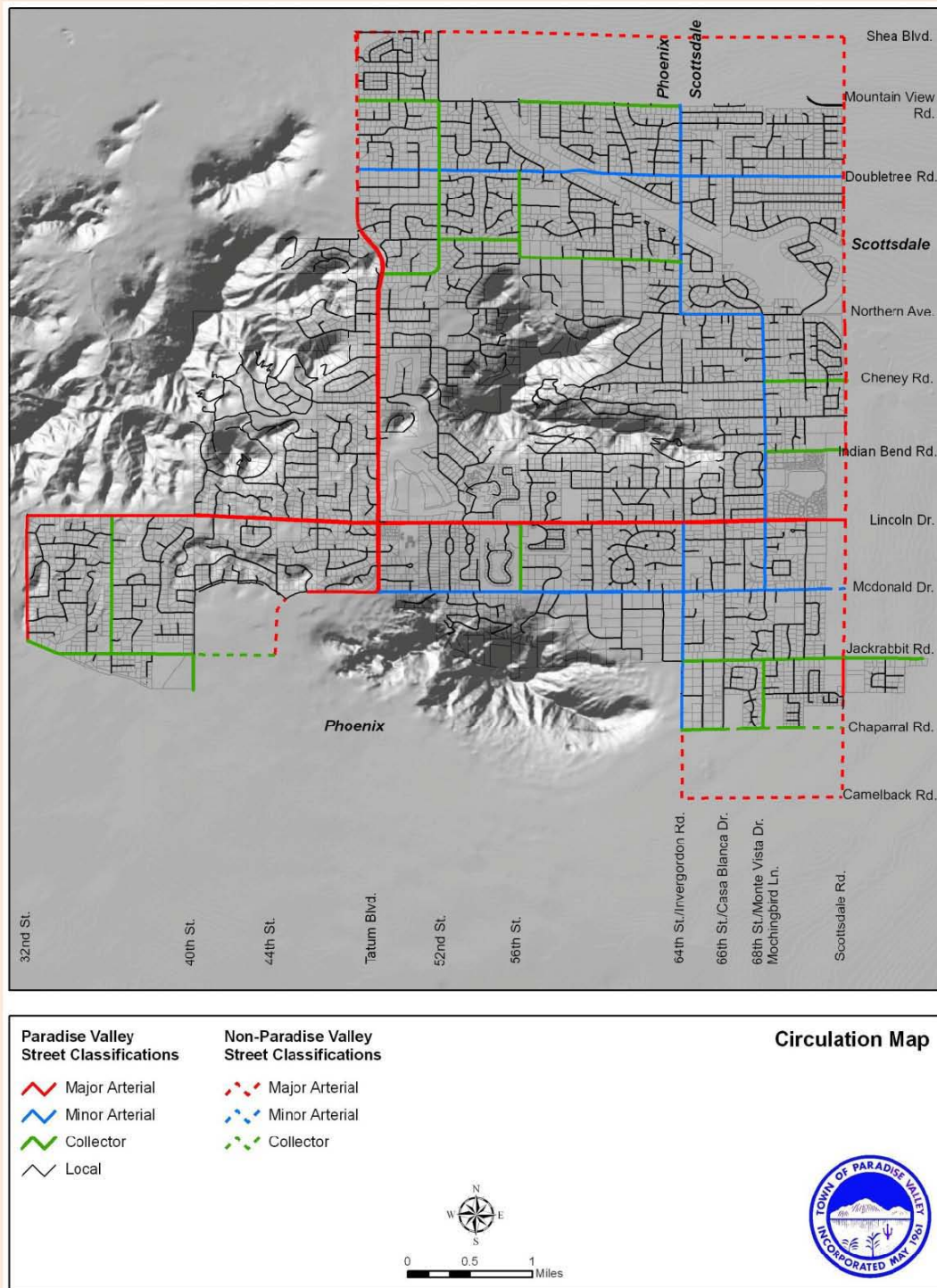
Table 4.1: Circulation Map Classifications and Standards

Classification	Function	Design Character (also see Cross-Sections)
Major Arterial	To provide regional unity and continuity.	▪ Channelized intersections, limited access, crossings, and stops ▪ Parking on rights-of-way prohibited ▪ Landscaped medians and rights of way ▪ Optional sidewalks on both sides, set back a minimum of 5 feet from traffic lanes ▪ Bike lanes only where necessary to interconnect bikeway system ▪ 4 through lanes ▪ Full curbs and gutters ▪ 130-foot right-of-way
Minor Arterial	To serve as main feeder streets and provide linkages between major arterials.	▪ Roundabouts encouraged for traffic control ▪ Stop signs, if necessary, posted on intersecting side streets ▪ Parking discouraged ▪ Optional 4' bicycle lanes on both sides ▪ Optional sidewalks on both sides, set back a minimum of 5 feet from traffic lanes ▪ Optional medians/center turn lanes ▪ 2 through lanes ▪ Full curbs and gutters ▪ 66- to 80-foot right-of-way (depending on median)
Collector	To serve as main interior streets with limited through traffic, and they provide linkages into and out of local streets.	▪ Stop signs, if necessary, posted on intersecting side streets ▪ Optional 4' bicycle lanes on both sides ▪ Limited on-street parking ▪ Lighted signals not desirable ▪ Optional sidewalks on both sides, set back a minimum of 5 feet from traffic lanes ▪ 2 through lanes ▪ Curbs (vertical, rolled and ribbon) ▪ 60-foot right-of-way
Local	To serve as interior streets intended to limit through traffic and provide access to immediate residences and other properties	▪ Without bicycle lanes ▪ Residential streets on the slopes of Mummy Mountain, Phoenix Mountain Preserve, and Camelback Mountain may be designed with variations to minimize cuts and fills. ▪ 2 through lanes ▪ 50-foot right-of-way **Local A** ▪ Curbs ▪ Optional sidewalks on one side of street **Local B** ▪ Curbs ▪ No sidewalks **Local C** ▪ No improved curbs and gutters ▪ No sidewalks

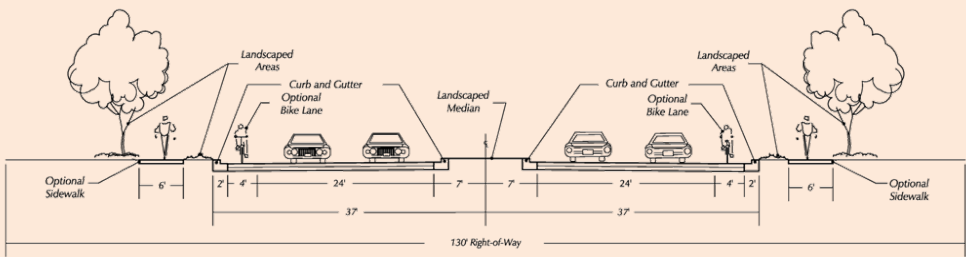**Figure 4.2: Typical Major Arterial Cross-Section**
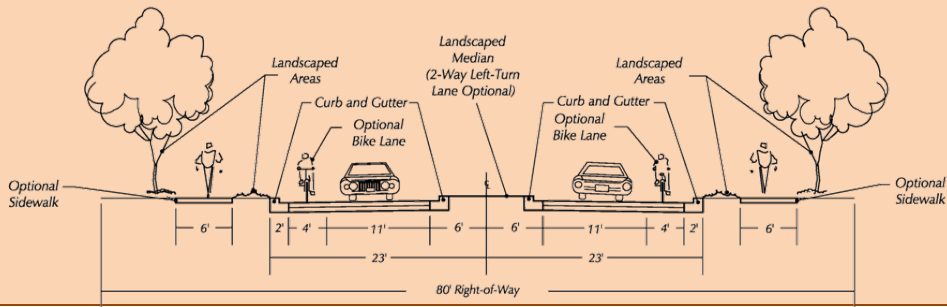
Figure 4.3: Typical Minor Arterial Cross-Section (With Median)

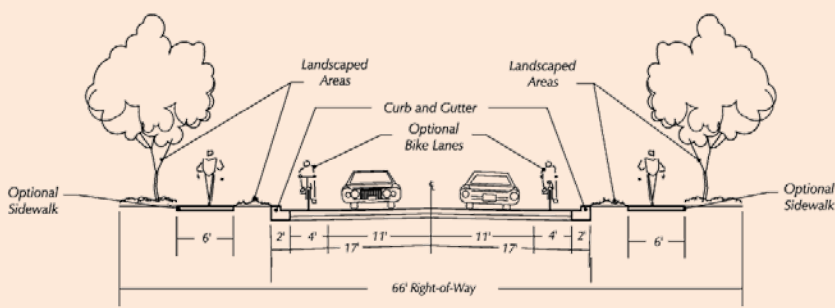**Figure 4.4: Typical Minor Arterial Cross-Section (Without Median)**
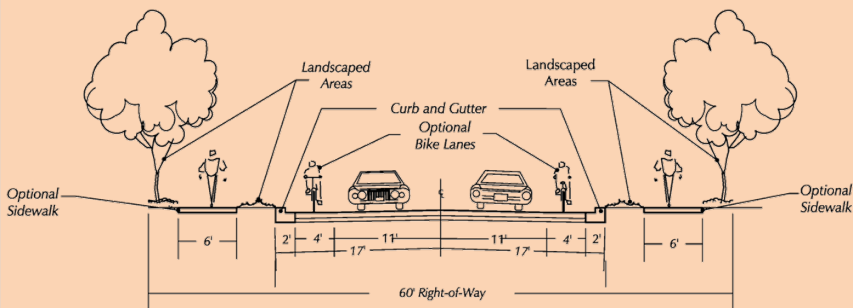
Figure 4.5: Typical Collector Cross-Section

Figure 4.6: Typical Local Cross-Sections (Options A, B, and C)

Option A

Landscaped Areas
Curb
Optional Sidewalk
2' 11' 11' 2' 6'
13' 13'
50' Right-of-Way

Option B

Landscaped Areas
Curb
2' 11' 11' 2'
13' 13'
50' Right-of-Way

Option C

Landscaped Areas
18'-22'
50' Right-of-Way