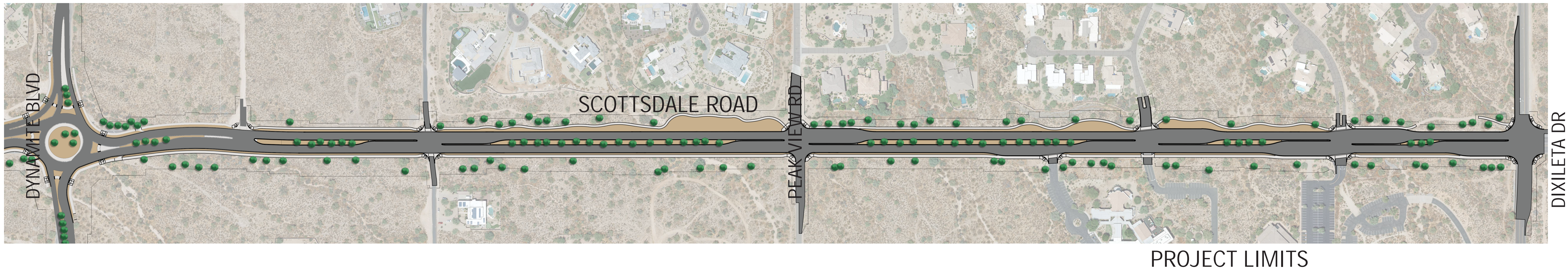
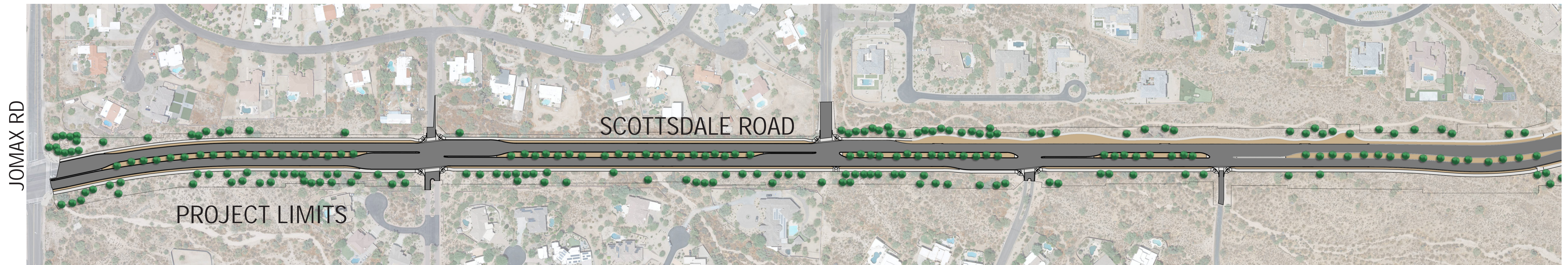
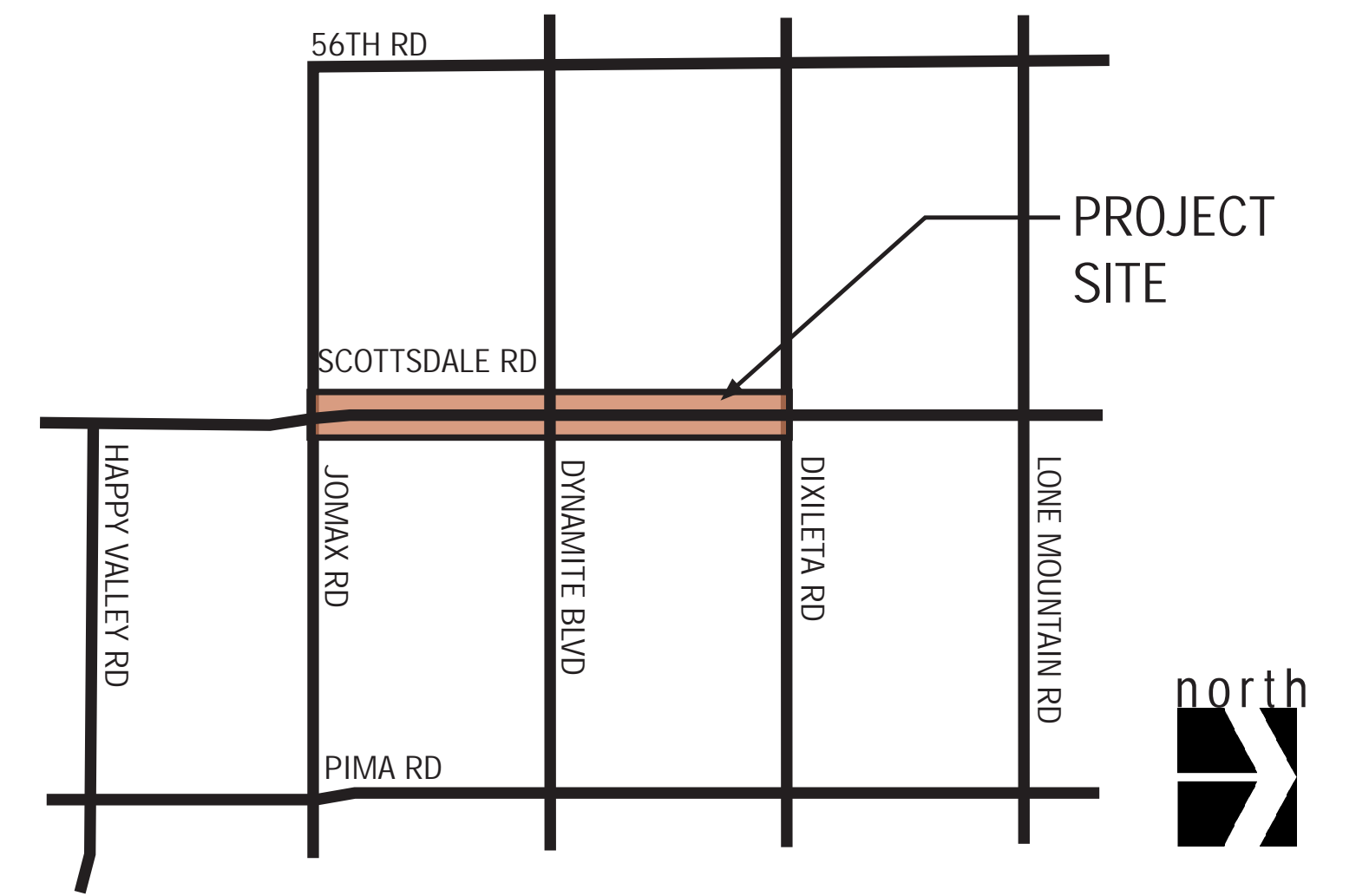


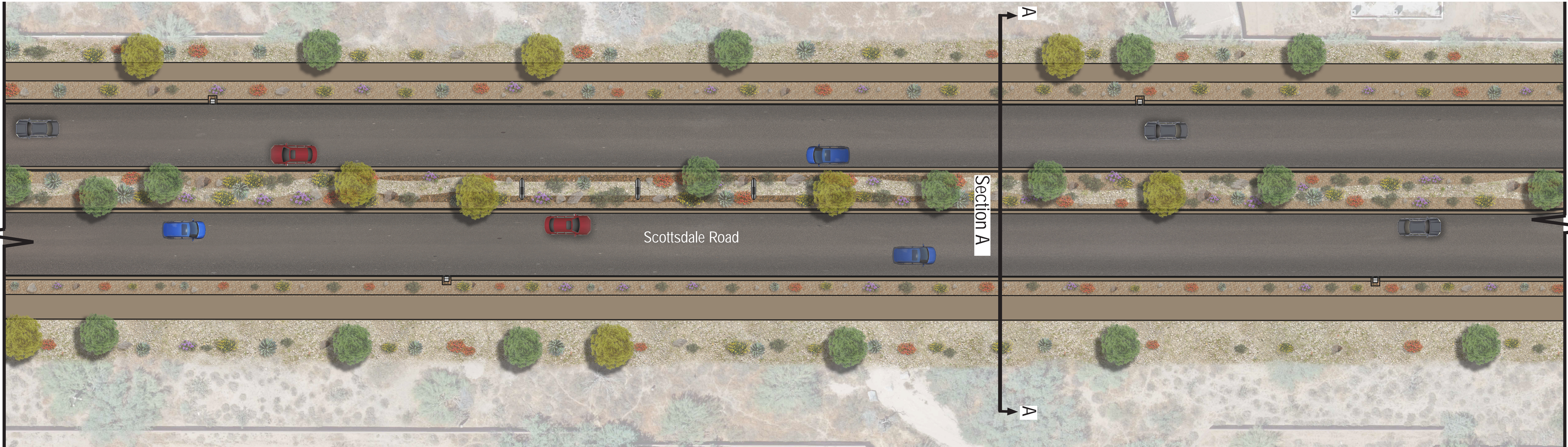
Scottsdale Rd Streetscape Improvements

Jomax Road to Dixileta Drive

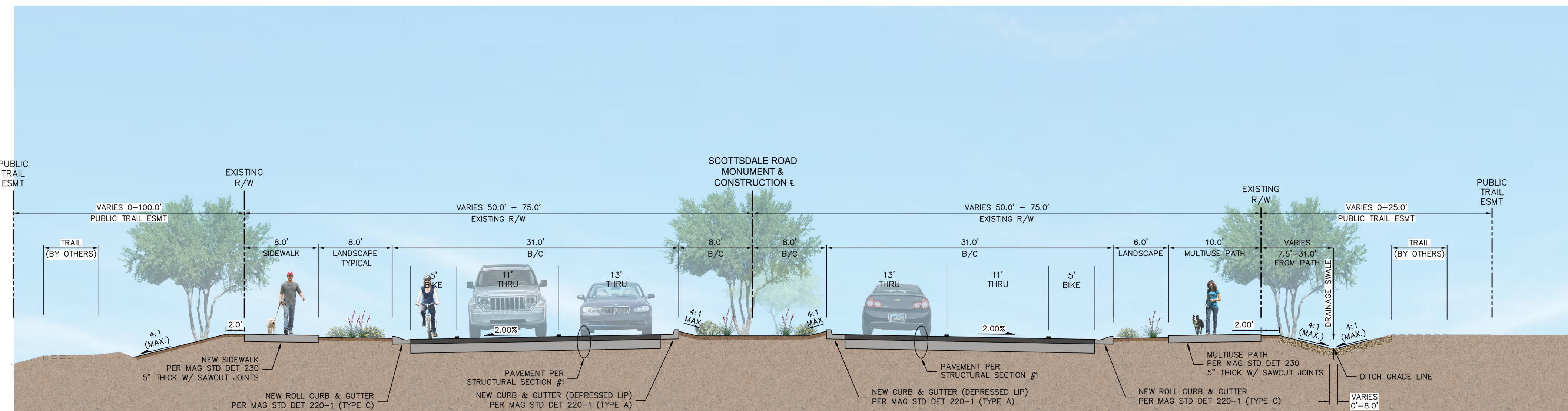


DRB
APPROVED
3/7/2024





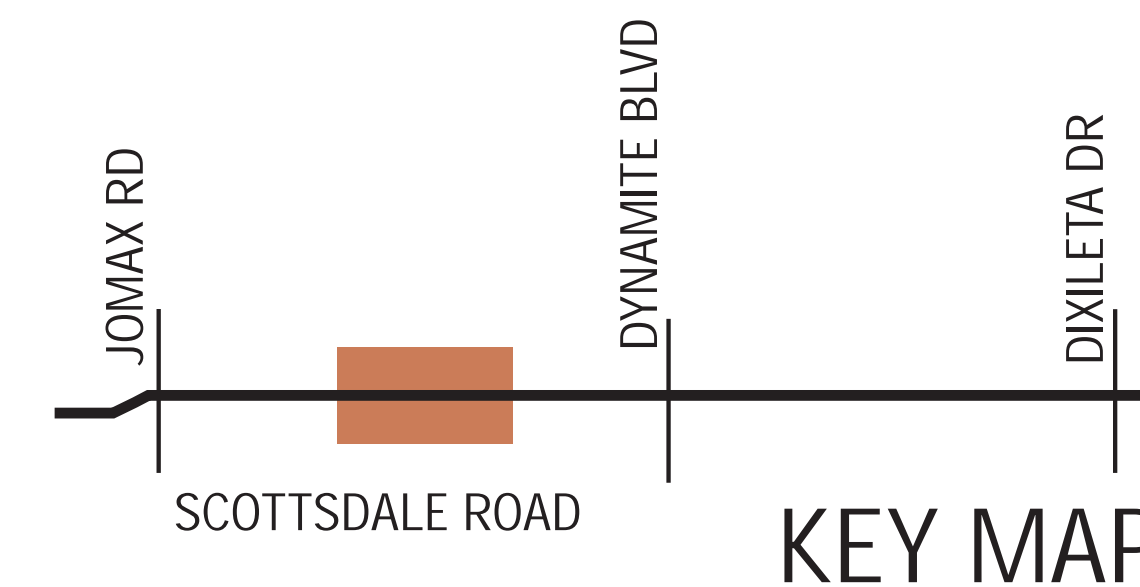
PLAN VIEW



SECTION 'A'
COMPLETE STREETS
LANDSCAPE AND LID
ELEMENTS
not to scale

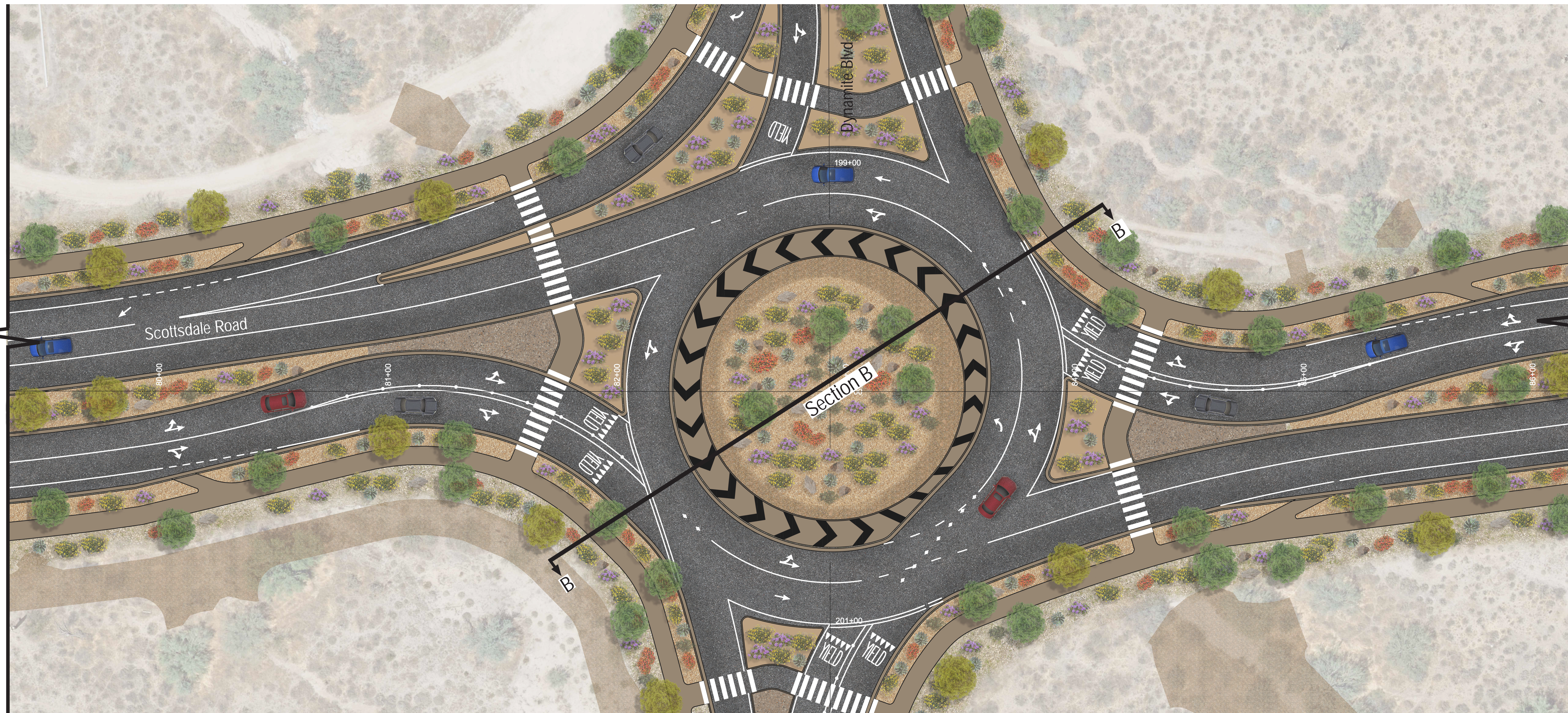
Scottsdale, Arizona
March, 2024

Scottsdale Rd Streetscape Improvements
Jomax Road to Dixileta Drive

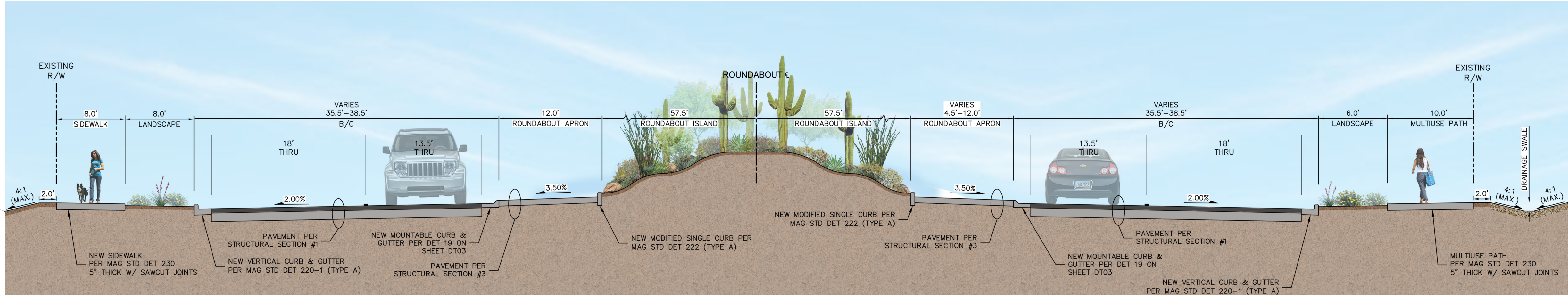


KEY MAP

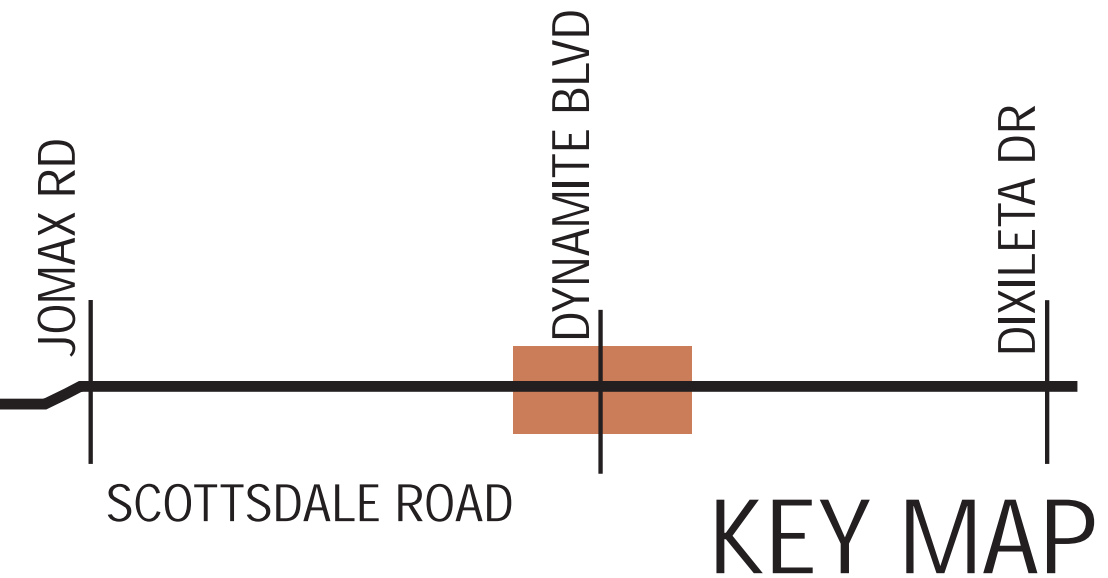




PLAN VIEW



SECTION 'B'
COMPLETE STREETS
LANDSCAPE AND LID
ELEMENTS
not to scale



KEY MAP



Scottsdale Rd - Jomax Rd to Dixileta Dr "Southwest Arid" Landscape Design

Proposed Plant Materials ID Strategies and Inert Materials



Trees



Chilopsis linearis
Desert Willow



Olneya tesota
Ironwood



Parkinsonia microphylla
Foothills Palo Verde



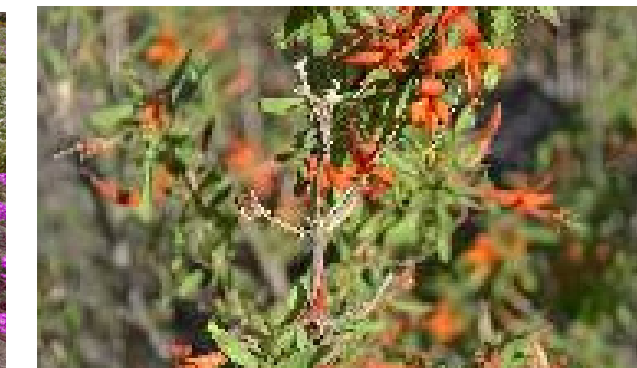
Shrubs / Groundcover



Ambrosia deltoidea
Bursage



Abronia villosa
Sand Verbena



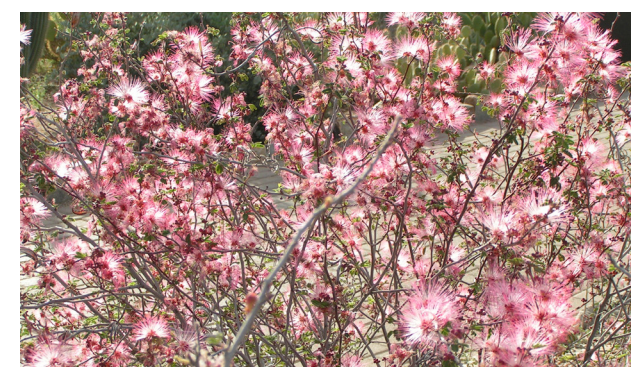
Anisacanthus thurberi
Desert Honeysuckle



Aristida purpurea
Purple Threeawn



Baileya multiradiata
Desert Marigold



Calliandra eriophylla
Pink Fairy Duster



Encelia farinosa
Brittlebush



Hesperaloe parviflora
Breaklights Hesperaloe



Justicia californica
Chuparosa



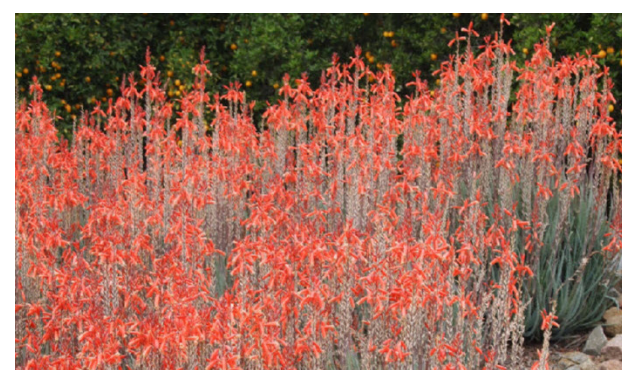
Larrea tridentata
Creosote



Penstemon parryi
Parry's Penstemon



Accents



Aloe 'Blue Elf'
Blue Elf Aloe



Carnegiea gigantea
Saguaro



Echinocereus engelmannii
Hedgehog Cactus



Ferocactus wislizeni
Fishhook Barrel Cactus



Fouquieria splendens
Ocotillo



Opuntia engelmannii
Englemann's Prickly



Yucca baccata
Banana Yucca



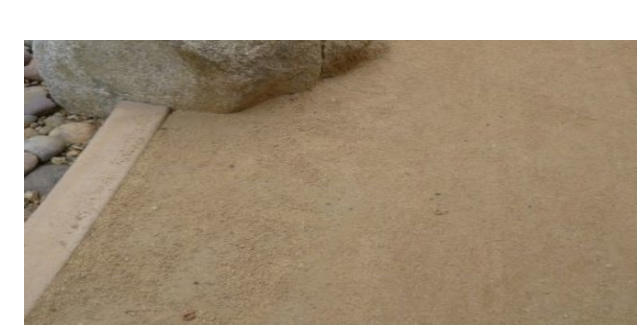
Check Dams



4" -8" Rip Rap Apron
Color: Indigenous Brown



Surface Select Boulders



1/4" Minus Stabilized
Decomposed Granite Trail
Color: Gold

Landscape Planting Legend Native Seed Mix

Symbol	Botanical Name	Common Name
Trees		
	Chilopsis linearis	Desert Willow
	Olneya tesota	Ironwood Tree
	Parkinsonia microphyllum	Foothills Palo Verde
Shrubs		
	Ambrosia deltoidea	Bursage
	Anisacanthus thurberi	Desert Honeysuckle
	Aristida purpurea	Purple Threeawn
	Calliandra eriophylla	Pink Fairy Duster
	Hesperaloe parviflora 'Breaklights'	Breaklights Hesperaloe
	Encelia farinosa	Brittlebush
	Justicia californica	Chuparosa
	Larrea tridentata	Creosote
Groundcover		
	Abronia villosa	Sand Verbena
	Baileya multiradiata	Desert Marigold
	Penstemon parryi	Parry's Penstemon
Accents / Cactus		
	Aloe 'Blue Elf'	'Blue Elf' Aloe
	Carnegiea gigantea	Saguaro
	Echinocereus engelmannii	Hedgehog Cactus
	Ferocactus wislizeni	Fishhook Barrel Cactus
	Fouquieria splendens	Ocotillo
	Opuntia versicolor	Staghorn Cholla
	Opuntia leptocaulis	Desert Christmas Cholla
	Opuntia engelmannii	Englemann's Prickly Pear
	Yucca baccata	Banana Yucca

TABLE 6A - LANDSCAPE BUFFER RESTORATION AREAS			
CLASS I / TYPE A - SONORAN UPLAND (COMPLETE)			
NATIVE DESERT RE-ESTABLISHMENT AREAS NORTH OF BELL ROAD			
Botanical Name	Common Name	PLS Rate (Pounds Per Acre)	Per Pound Value for Substitution
Grasses			
Aristida purpurea	Purple Three Awn	1.0	\$45
Bouteloua aristoides	Needle grama	0.5	\$20
Bouteloua barbata	Six Week's Grama	0.5	\$30
Bouteloua rothrockii	Rothrock Grama	0.5	\$45
Wildflowers/Forbs			
Argemone platyceros	Prickly Poppy	0.5	\$85
Baileya multiradiata	Desert Marigold	1.0	\$70
Cassia couesii	Desert Senna	1.0	\$40
Escholtzia mexicana	Mexican Poppy	2.0	\$40
Lesquerella gordonii	Gordons Bladderpod	1.0	\$40
Penstemon parryi	Parry's Penstemon	0.5	\$50
Phacelia crenulata	Desert Phacelia	1.0	\$30
Plantago ovata	Desert Indian Wheat	2.0	\$5
Salvia columbariae	Desert Chia	0.5	\$55
Sphaeralcea ambigua	Desert Globemallow	1.0	\$55
Shrubs (suffrutescent)			
Ambrosia deltoidea	Triangle Leaf Bursage	4.0	\$25
Haplopappus laricifolius	Turpentine Bush	0.5	\$35
Gutierrezia sarothrae	Snake Weed	0.25	\$35
Per Acre Subtotal Value		\$705.00	
No temporary above ground irrigation system			
17.75 Pounds total per Acre			
PLS= Pure Live Seed = Purity x Germination			
Seed to be applied according to recommended rates			

TABLE 6B - OUTER LANDSCAPE RESTORATION AREAS			
CLASS I / TYPE A - SONORAN UPLAND (COMPLETE)			
NATIVE DESERT RE-ESTABLISHMENT AREAS NORTH OF BELL ROAD			
Botanical Name	Common Name	PLS Rate (Pounds Per Acre)	Per Pound Value for Substitution
Grasses			
Aristida purpurea	Purple Three Awn	1.0	\$45
Bouteloua aristoides	Needle grama	0.5	\$20
Bouteloua barbata	Six Week's Grama	0.5	\$30
Bouteloua rothrockii	Rothrock Grama	0.5	\$45
Wildflowers/Forbs			
Argemone platyceros	Prickly Poppy	0.5	\$85
Baileya multiradiata	Desert Marigold	1.0	\$70
Cassia couesii	Desert Senna	1.0	\$40
Escholtzia mexicana	Mexican Poppy	2.0	\$40
Lesquerella gordonii	Gordons Bladderpod	1.0	\$40
Penstemon parryi	Parry's Penstemon	0.5	\$50
Phacelia crenulata	Desert Phacelia	1.0	\$30
Plantago ovata	Desert Indian Wheat	2.0	\$5
Salvia columbariae	Desert Chia	0.5	\$55
Sphaeralcea ambigua	Desert Globemallow	1.0	\$55
Shrubs (suffrutescent)			
Ambrosia deltoidea	Triangle Leaf Bursage	4.0	\$25
Calliandra eriophylla	Fairy Duster	1.0	\$240
Encelia farinosa	Brittlebush	0.5	\$18
Encelia frutescens	Rayless Encelia	0.5	\$17
Eriogonum fasciculatum var. goliformum	Flat-top Buckwheat	0.5	\$35
Haplopappus laricifolius	Turpentine Bush	0.5	\$35
Gutierrezia sarothrae	Snake Weed	0.25	\$35
Per Acre Subtotal Value		\$1,068.00	
Temporary above ground irrigation system			
24.75 Pounds total per Acre			
PLS= Pure Live Seed = Purity x Germination			
Seed to be applied according to recommended rates			

Landscape and Irrigation Narrative

Scottsdale Road from Jomax Road north to Dixileta Drive has been designated by the City's General Plan as a Scenic Desert Corridor having scenic desert landscape setbacks that provide a sense of openness for the community. The new landscape and irrigation designs will preserve or encourage the restoration of the natural setting along the roadway by providing visually links of nearby landforms and vista corridors along major washes and other significant open spaces. As part of Scottsdale's Scottsdale Road Streetscape Design Guidelines (SRSDG) Segment 6, Scottsdale Road will reflect a more subtle approach to SRSDG elements of continuity and distinction responding to the rural and natural character of the area.

This northern-most section of Scottsdale Road streetscape improvements is located within the Desert Foothills Scenic Drive as well as the Environmentally Sensitive Lands Overlay (ESLO) area and must comply with all applicable Scenic Desert Corridor Design Guidelines and ESLO standards. All Native Plant Inventory (NPI), landscape, irrigation, surface materials, public art and corridor aesthetic design components will be required to adhere to current Design Standards & Policy Manual (DSPM), Sustainable Design Principles, MAG and COS Supplements to MAG.

Scottsdale Road's landscape design will feature a Sonoran "Southwest Arid" desert theme influenced by the surrounding native Sonoran desert with its unique native plants and inert materials as well as the visually influential shapes and slopes of the McDowell Mountains, particularly the array of angular fragmented "Desert Pavement" of indigenous brown

sandstone formations that blanket the ground. The project's native desert plant palette includes salvaged native trees and cactus integrated with new native trees, shrubs and cacti which will be grouped and arranged to create a natural environmentally sensitive native desert landscape matching the surrounding undisturbed plant material with a commitment to sustainability and water conservation. An automatic powered Smart Controlled irrigation system will provide efficient and measured point source drip irrigation to the newly landscaped rights-of-way, roundabouts, and raised median areas.

The primary trees are Mesquite, Desert Ironwood and Foothill Palo Verde supported by shrubs, cacti and accents all selected based on their species being native to this specific area and elevation of the Sonoran desert. The vegetation will be characterized by gray-green foliage, varied textures, and rich, vibrant flower colors. Disturbed or un-vegetated areas within the project limits will have a hydroseed application of a specified native seed mix developed specific for this location and elevation. All plant material that would be designed for this corridor will be plants listed on the Arizona Department of Water Resources low water use drought tolerant plant list.

Sustainability principles will be integrated into the landscape design features reflected in the use of salvaged surface soils, the salvaging and relocating of existing native plants within the corridor and the selective use of specific color and angular crushed decomposed granite "Desert Pavement" that will be utilized as ground plane surfacing materials to seamlessly blend the new corridor landscape into the surrounding environment.

Scottsdale Road's core area from Jomax Road north to Dixileta Drive has a large amount of impervious roadway surface. The landscape design will incorporate proven and effective strategies for storm water management practice into the landscape design. Specifically, raised medians areas with their vegetated landscapes including basin weirs, swales and check dams are provided to capture and reroute supplemental water throughout the raised median landscape areas. The landscape design emphasizes transparency and cohesiveness along the way and takes on a more natural open desert setting approach with a combination of plant material and hardscape elements.

The new landscape will function as an Urban Ecosystem incorporating sustainability principles integrated in the landscape design reflected in the use of salvaged native trees and cacti, boulders, selected mixture of arid and semi-arid low water using native shrubs and accents plants utilizing water harvesting principles, along with selective salvaged native inert decomposed granite and angular crushed rock used as ground plane surfacing materials in planting areas, swales, and berms in an effort to promote a water conserving landscape.

