

PLANTING DESIGN CONCEPTS

TUCSON BASIN NATIVE PLANTS

- LOW WATER USE - CAN SURVIVE ON RAINFALL ONCE ESTABLISHED
- CONSISTENT WITH THE RURAL NATURE OF SILVERBELL ROAD
- SATISFIES NATIVE PLANT MITIGATION REQUIREMENTS

TREES

- PROVIDE BEST LANDSCAPE VALUE OVER TIME
- ARE LOW MAINTENANCE
- SATISFY NATIVE PLANT MITIGATION REQUIREMENTS
- PROVIDE SHADE

SHRUBS AND ACCENTS

- USED AT INTERSECTIONS AND BUS STOPS TO ADD COLOR AND EMPHASIS

MEDIANS

- REDUCE AMOUNT OF IMPERVIOUS SURFACING
- PRESERVE SIGHT LINES FOR SAFETY
- PROVIDE ATTRACTIVE PLANT GROUPINGS IN APPROPRIATE AREAS

PEDESTRIAN NODES AND BUS STOPS

- WORK WITH ARTIST TO ADD SPECIAL FEATURES IN AREAS WHERE PEDESTRIANS WILL CONGRAGATE
- PROVIDE SHADE



TYPICAL PLANTING PLAN

TREES



VELVET MESQUITE



CATCLAW ACACIA



PALO VERDE



CREOSOTE



TRIANGLE-LEAF BURSAGE



OCOTILLO

ACCENTS



PARRY'S AGAVE



DESERT WILLOW



SHRUBBY SENNA



JOJOBA



FAIRYDUSTER



BEAVER TAIL CACTUS



SOAPTREE YUCCA



BARREL CACTUS



DESERT SPOON



HEDGEHOG CACTUS



GOLDEN FLOWERED AGAVE



RED YUCCA



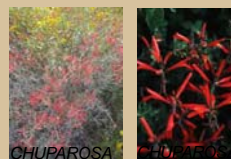
WEBER AGAVE



BANANA YUCCA



SANTA RITA PRICKLY PEAR



CHUPAROSA



CHUPAROSA

SHRUBS



FLAT TOP BUCKWHEAT



BUSH DALEA



BUSH DALEA

PLANT PALETTE



SALVAGE

STOCKPILE EXISTING TOPSOIL
AND USE AS TOP DRESSING
ON FINISHED SLOPES



FINISH GRADING



SCULPT THE SLOPES SO THEY HAVE A MORE NATURAL APPEARANCE



TYPICAL GRADING ON ROADWAY CUT SLOPES

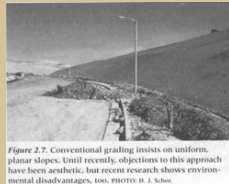


Figure 2.7. Conventional grading insists on uniform, planar slopes. Until recently, objections to this approach have been aesthetic, but recent research shows environmental disadvantages. (see, MORTON, H. A. Sch)

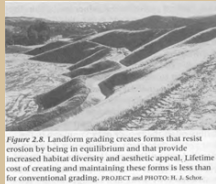


Figure 2.8. Landform grading creates forms that resist erosion by being in equilibrium and that provide increased habitat diversity and aesthetic appeal. Lifetime cost of creating and maintaining these forms is less than for conventional grading. (MORTON, H. A. Sch)

REVEGETATION



PLANT PORTIONS OF THE SLOPE WITH IRRIGATED NURSERY PLANTS

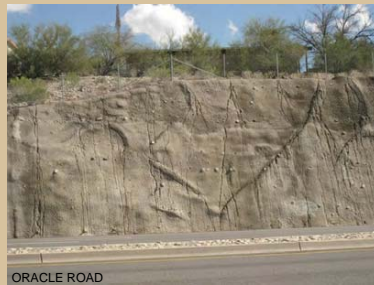


ADD A SECOND LAYER OF VEGETATION BY SEEDING WITH NATIVE SEED

SLOPE REVEGETATION STRATEGIES

NATURALISTIC

CREATE A TREATMENT THE MIMICS THE COLOR AND TEXTURE OF NATURALLY ERODED SLOPES IN THE AREA



ARTISTIC

WORK WITH ARTIST TO COORDINATE WALL TREATMENT WITH ARTISTIC THEME



SOIL-NAIL WALL TREATMENT OPTIONS