

**APPENDIX A**  
**FY 14 Cost Estimate Breakdown for Transportation Projects**  
**(Construction Costs Only)**

Drainage:

Drainage	\$110 per linear foot
Major Drainage Structure	\$44,000 each

Earthwork:

Clearing and Grubbing	\$.39 - \$.94 per square foot
Excavation and Export	\$16.50 - \$66.00 per cubic yard
Excavate and Fill	\$16.50 - \$38.50 per cubic yard
Import and Fill	\$27.50 - \$38.50 per cubic yard

Landscaping:

Landscaping	\$7.50 - \$16.50 per square foot
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Surface Improvements:

Asphalt Concrete Overlay 1"-2"	\$.44 - \$.66 per square foot
Asphalt Concrete Leveling Course	\$132 per ton
Curb and Gutter Type G	\$22 - \$33 per linear foot
Curb Ramps	\$1,320 - \$2,420 each
Driveways	\$7.70 - \$13.20 per square foot
Median Curb Type B2	\$27.50 - \$38.50 per linear foot
Remove Curb and Gutter	\$5.50 - \$16.50 per linear foot
Remove Pavement	\$2.20 - \$11.00 per square foot
Remove Sidewalk	\$1.65 - \$3.85 per square foot
Sidewalk	\$4.40 - \$7.15 per square foot
4" AC	\$1.10 - \$2.20 per square foot
11" - 16" Cement Treated Base	\$1.65 - \$4.40 per square foot

Traffic:

New Street Light	\$6,600 each
New Traffic Signal	\$160,000 each
Relocate Street Light	\$3,300 - \$3,850 each

Miscellaneous:

Concrete Median Barrier	\$25 - \$65 per linear foot
Great Crash Cushion	\$35,000 - \$40,000 each
Guard Rail	\$30 - \$40 per linear foot
Retaining Wall	\$35,000 - \$40,000 each

Transportation projects not estimated with itemized work are estimated by length of project in feet. Construction (only) for a typical four-lane collector costs \$1,790 per linear foot. Construction (only) for a typical four-lane bridge costs \$2,750 per linear foot.

**APPENDIX B**  
**Mid-City FY 2014 Public Facilities Financing Plan Update**  
**2014 Cost Estimate for Park and Recreation Projects**

<b>LAND ACQUISITION:</b>	\$1,400,000 per acre(1)
<b>FACILITIES DESIGN AND CONSTRUCTION:</b> (2,3,4);	
Aquatics Complex (Swimming Pool Development) (5)	\$6,339,000 per complex
Children's Play Area – ADA Upgrade	\$748,000 lump sum
Children's Play Area - New	\$813,000 each
Comfort Station - ADA Upgrade	\$605,000 each
Comfort Station - New	\$813,000 each
Park Site Development (6)	\$748,000 per acre
Parking Lot Expansion	\$690,000 per ½ acre
Path of Travel - ADA Upgrade (7)	\$974,000 lump sum
Picnic Shelter	\$288,000 each
Recreation Center - Expansion	\$660 per square foot
Recreation Center – New (17,000 s.f. building)	\$565 per square foot
Security Lighting	\$519,000 lump sum
Sports Field Lighting	\$605,000 per sports field

(1) The land cost is based on a cost per acre estimate obtained through a city wide study, based on appraisals from Real Estate Assets Department, as appropriate.

(2) Improvement costs are provided as a general summary estimate. Costs will vary according to specific site requirements, and size and quantity of facilities needed, and should be determined on a case by case basis. Individual project costs will vary based on the specific improvements included in the project, economy of scale, quantity of improvements, etc.

(3) Cost estimates include construction administration and contingencies, project administration, design and inspection.

(4) Costs should be adjusted annually to reflect the Engineering News Record Construction Cost Index for Los Angeles (CCI) rate change (from March-to-March). The above costs incorporate the 2011 (2.72%), 2012 (2.48%) and 2013 (0.00%) CCI rate changes.

(5) Aquatics Complex includes a standard 25-yard x 25-meter swimming pool; a pool house building with locker rooms, restrooms, and administrative offices; and other recreational or therapeutic aquatic facilities.

(6) Park Site Development includes: Grading and drainage; irrigation; turf and landscaping; walkways; fencing; security lighting; drinking fountains; benches; tables; trash receptacles; and identification signage.

(7) Path of travel upgrades are required when existing paths are inaccessible, and when existing inaccessible facilities are located along the paths of other facilities that are being improved. This includes the path of travel from the site entry point at the public right-of-way that is closest to public transportation stops and designated accessible parking areas. Facilities that may require upgrades include parking areas, sidewalks and curb ramps, sanitary facilities, drinking fountains, benches and tables, public telephones, signage, etc.