



**CITY OF MCKINNEY  
ENGINEERING DEPARTMENT  
ENGINEER'S OPINION OF  
PROBABLE COSTS**

**Project:** Option A - Parking lot improvements (49 Spaces) for 0.458 Acre tract located between Virginia Street & Louisiana Street approximately 500 feet east of S.H. 5 in McKinney, Texas.

**Prepared by:** Daniel Heischman, P.E.

**Date:** June 15, 2011

Description	Units	Qty	Unit Cost	Total
1 Mobilization	LS	1	\$3,000.00	\$3,000.00
2 Unclassified excavation & haul off	CY	600	\$10.00	\$6,000.00
3 Haul in select fill	CY	600	\$24.00	\$14,400.00
4 Removal & disposal of existing concrete drives, rail ties, truck scales, & concrete piers	LS	1	\$20,000.00	\$20,000.00
5a 6" THK, 3600 psi conc., #3@24" OCEW w/ 6" Curb	SY	2200	\$40.00	\$88,000.00
6 6" Compacted Subgrade	SY	2350	\$2.50	\$5,875.00
7 Concrete Curb Stops	EA	30	\$200.00	\$6,000.00
8 Concrete Flume	EA	2	\$500.00	\$1,000.00
9 Permanent Signage & Pavement Markings	LS	1	\$5,000.00	\$5,000.00
10 Lighting & Landscaping	LS	1	\$20,000.00	\$20,000.00
11 Miscellaneous Construction Items: Erosion Control, Material Testing, SWPPP, Traffic Control	LS	1	\$10,000.00	\$10,000.00
<i>Alternate Bid Item</i>				
5b Hot Mix Asphalt Concrete (2" Type D-Surface, 3" Type B-Base) w/ 6" Conc Monolithic Curb	SY	2200	\$38.00	\$83,600.00

ENGINEER'S OPINION OF PROBABLE COST = \$179,275.00

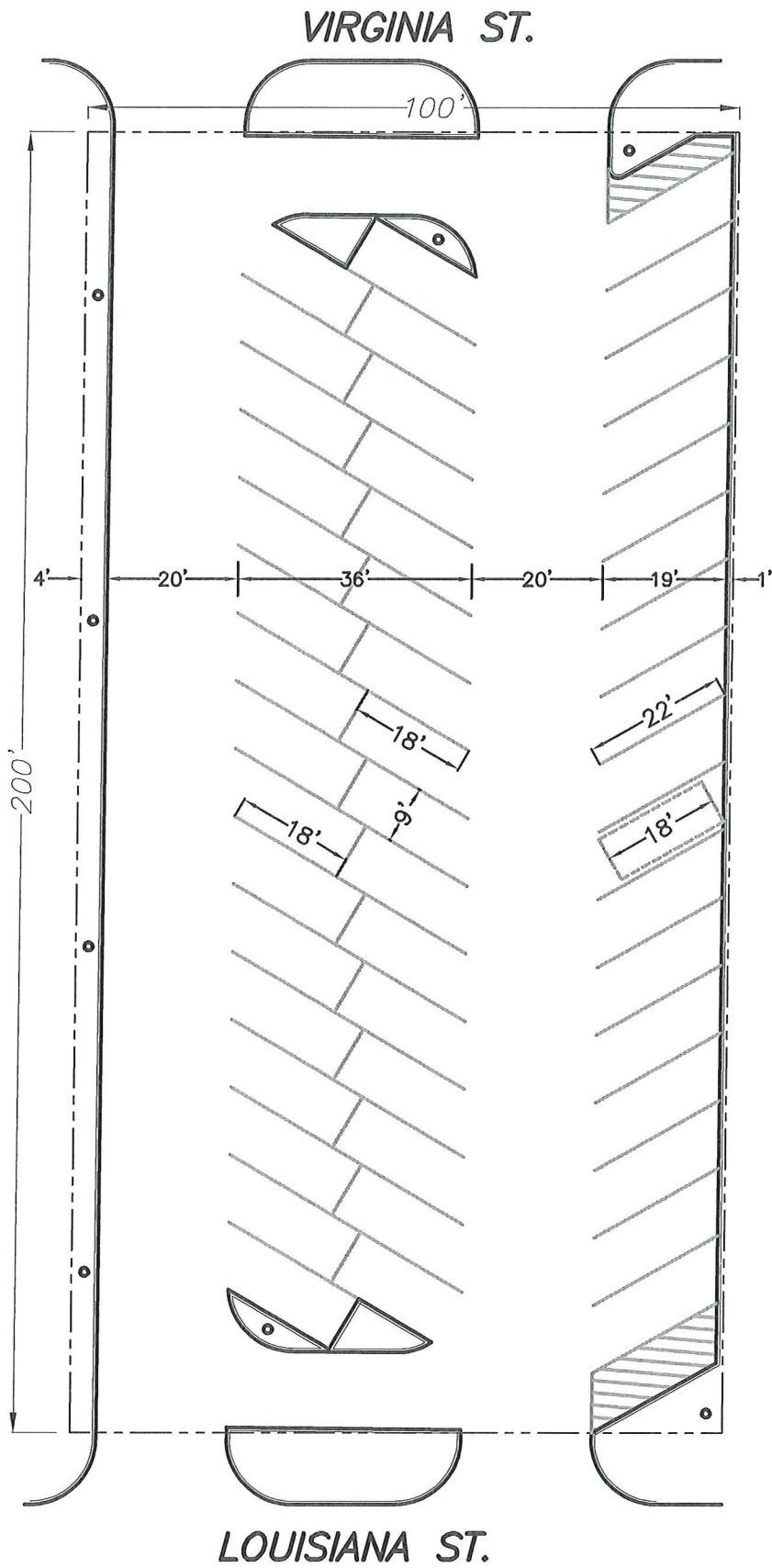
CONTINGENCY (15%) = \$26,891.25

**TOTAL = \$206,166.25**

**Notes:**

- \* Layout based on 5/18/2011 Title Survey
- \* Assumes no contaminated soil remediation required (a Phase 2 had been recommended, but not available for this estimate).
- \* Assumes City to provide Engineering Plans & Management.
- \* No irrigation provided. Landscaping to be native plants and/or drought tolerant species.
- \* Assumes permits, inspections fees and other miscellaneous City fees shall be waived.
- \* Sidewalks, barrier free ramps, etc. within City R.O.W. to be constructed w/ Street project.
- \* Assumes no franchise utility relocation required.
- \* Piers only to be removed to a depth of 2 ft below the surface
- \* Estimate done without benefit of geotech report.

*The Engineer has no control over the cost of labor, materials, equipment, or the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.*



OPTION A - 49 SPACES



