



RABON METCALF ENGINEERING
POST OFFICE BOX 9253
COLLEGE STATION, TEXAS 77842

(979) 690-0329 - HOME
(979) 690-0329 - FAX
(979) 219-4174 - CELL

EMAIL: RMENGINEER@JUNO.COM

March 25, 2003

Brett McCully, P.E.
Assistant City Engineer
City of College Station
1101 Texas Avenue South
College Station, TX 77842

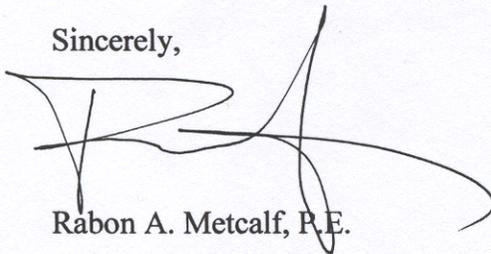
**RE: Aggieland Carpet One – Water Line Improvements – O.P. Request
Lot 1, Block One, Harley Subdivision
RME No. 127-0150**

Dear Brett:

Please find attached the Engineer's Cost Estimate for the above referenced project's water line improvements. As shown on the City of College Station Capital Improvements Plan an 18" water line is proposed along the front of this development and plans have been issued for its installation. As supported by the hydraulic analysis, a small portion of 12" water line and the rest being an 8" water line would meet all domestic and fire flow requirements. Therefore, oversize participation is being requested for the cost difference between the two design scenarios with a reimbursement amount of \$29,600. This amount includes the ten percent (10%) contingency as permitted in Section 9-C.5 of the Subdivision Ordinance.

Please call should you have any questions or require assistance.

Sincerely,



Rabon A. Metcalf, P.E.

**ENGINEER'S COST ESTIMATE
(OVERSIZE PARTICIPATION)
WATER LINE IMPROVEMENTS
AGGIELAND CARPET ONE
HARLEY SUBDIVISION
COLLEGE STATION, BRAZOS COUNTY, TEXAS**

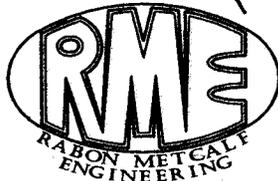
NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
12" & 8" Water Line Improvements					
1	Mobilization & Trench Safety	1	LS	\$1,325.00	\$1,325.00
2	12" PVC (C900 - DR 14 - Class 200) Water Line w/Type "B" Backfill	40	LF	\$21.00	\$840.00
3	8" PVC (C900 - DR 14 - Class 200) Water Line w/Type "B" Backfill	378	LF	\$18.00	\$6,804.00
4	12" (MJ) Gate Valve & Box	1	EA	\$1,200.00	\$1,200.00
5	8" (MJ) Gate Valve & Box	1	EA	\$700.00	\$700.00
6	8" (MJ) Plug w/2" Tap for 2" (MJ) Blow-Off Valve	1	EA	\$750.00	\$750.00
7	18"x12" (MJ) Reducer	1	EA	\$700.00	\$700.00
8	12"x8" (MJ) Reducer	1	EA	\$500.00	\$500.00
9	12"x12" (MJ) Tee	1	EA	\$700.00	\$700.00
10	8"x6" (MJ) Tee	1	EA	\$450.00	\$450.00
11	Cement Stabilized Sand Backfill	40	LF	\$25.00	\$1,000.00

SUB-TOTAL = \$14,969.00
10% CONTINGENCY = \$1,581.00
GRAND TOTAL = \$16,550.00

This Engineer's Cost Estimate was prepared in this office, at the date shown, and is released for the purpose of public infrastructure cost projections.

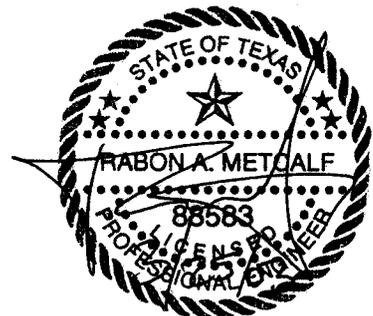

Rabon A. Metcalf, P.E.

3/25/03
Date



RABON METCALF ENGINEERING
POST OFFICE BOX 9253
COLLEGE STATION, TEXAS 77842

CELL: (979) 219-4174
FAX: (979) 690-0329
E-MAIL: RMENGINEER@JUNO.COM

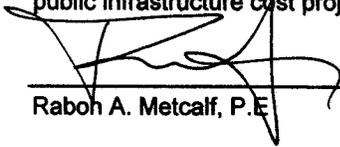


**ENGINEER'S COST ESTIMATE
(OVERSIZE PARTICIPATION)
WATER LINE IMPROVEMENTS
AGGIELAND CARPET ONE
HARLEY SUBDIVISION
COLLEGE STATION, BRAZOS COUNTY, TEXAS**

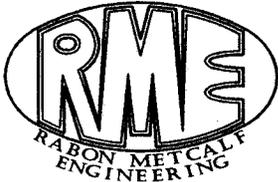
NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
18" Water Line Improvements					
1	Mobilization & Trench Safety	1	LS	\$1,130.00	\$1,130.00
2	18" DIP (AWWA C151/A21.51) Water Line w/Type "B" Backfill	543	LF	\$40.00	\$21,720.00
3	18" Butterfly Valve	2	EA	\$6,800.00	\$13,600.00
4	18" (MJ) Plug w/2" Tap for 2" (MJ) Blow-Off Valve	1	EA	\$800.00	\$800.00
5	18"x12" (MJ) Tee	1	EA	\$1,500.00	\$1,500.00
6	18"x6" (MJ) Tee	1	EA	\$1,200.00	\$1,200.00
7	Cement Stabilized Sand Backfill	80	LF	\$25.00	\$2,000.00

SUB-TOTAL = \$41,950.00
10% CONTINGENCY = \$4,200.00
GRAND TOTAL = \$46,150.00

This Engineer's Cost Estimate was prepared in this office, at the date shown, and is released for the purpose of public infrastructure cost projections.


Rabon A. Metcalf, P.E.

3/25/03
Date



RABON METCALF ENGINEERING
POST OFFICE BOX 9253
COLLEGE STATION, TEXAS 77842
CELL: (979) 219-4174
FAX: (979) 690-0329
E-MAIL: RMENGINEER@JUNO.COM

