

Engineer's Opinion of Probable Construction Cost

<u>ITEM</u>	<u>QNTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
<u>A. Demolition & Debris Removal</u>				
1. VENTURE SIGN REMOVAL	1	EACH	\$1,500.00	\$1,500.00
2. REMOVE 10" EXISTING PAVEMENT	1,940	C.Y.	\$15.00	\$29,100.00
3. REMOVE LIGHT POLE AND BASE	3	EA	\$1,500.00	\$4,500.00
A. Demolition & Debris Removal			Sub-Total =	\$35,100.00
<u>B. Soil Erosion Sediment Control</u>				
1. INLET EROSION CONTROL	11	EACH	\$100.00	\$1,100.00
2. SEEDING, HYDROSEED	0.3	AC.	\$2,500.00	\$750.00
3. SILT FENCING	930	L.F.	\$2.00	\$1,860.00
4. STABILIZED ENTRANCE AGGREGATE	1	EA.	\$2,500.00	\$2,500.00
B. Soil Erosion Sediment Control			Sub-Total =	\$6,210.00
<u>C. Earthwork Improvements</u>				
1. IMPORT FILL, COMPACT AND FINE GRADE	4,500	C.Y.	\$18.20	\$81,900.00
2. TOPSOIL - DELIVER AND SPREAD	225	C.Y.	\$17.00	\$3,825.00
C. Earthwork Improvements			Sub-Total =	\$85,725.00
<u>D1. Drainage Improvements</u>				
1. CATCH BASIN 48" DIA., TYPE-A	6	EACH	\$1,500.00	\$9,000.00
2. INLET, 24" DIA.	2	EACH	\$1,000.00	\$2,000.00
3. CONNECT TO EXISTING CB/MH #REF!	1	EACH	\$400.00	\$400.00
4. CATCH BASIN W/ TRAP RESTRICTOR 48" DIA, TYPE A	1	EACH	\$1,700.00	\$1,700.00
5. STORM SEWER, HDPE 12"	490	L.F.	\$18.00	\$8,820.00
6. STORM SEWER, HDPE 15"	47	L.F.	\$18.00	\$846.00
6. STORM SEWER, HDPE 24"	5	L.F.	\$22.00	\$110.00
7. STORM SEWER, RCP CL IV 12"	75	L.F.	\$20.00	\$1,500.00
6. STORM TRENCH BACKFILL <18" DIA.	564	L.F.	\$12.00	\$6,768.00
D1. Drainage Improvements			Sub-Total =	\$31,144.00
<u>D2. Underground storage system</u>				
1. 48" HDPE BUNDLED SYSTEM W/ FABRIC	1	EACH	\$40,000.00	\$40,000.00
2. 24" RISER W/ CONCRETE COLLARS	4	EACH	\$500.00	\$2,000.00
3. CLEAN OUTS	4	EACH	\$200.00	\$800.00
4. EXCAVATION AND HAUL OFF	800	C.Y.	\$15.00	\$12,000.00
5. STONE BACKFILL FOR SYSTEM	200	C.Y.	\$20.00	\$4,000.00
D2. Underground storage system			Sub-Total =	\$58,800.00

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<u>E. Roadway Improvements</u>					
1. CURB AND GUTTER (W/AGGR)	B-6.12	1,547	L.F.	\$13.00	\$20,111.00
2. BARRIER CURB,B-6	#REF!	122	L.F.	\$11.00	\$1,342.00
3. CURB AND GUTTER (W/AGGR)	DEPRESSED	138	L.F.	\$11.00	\$1,518.00
4. PCC SIDEWALK	5" THICK,4" CA-6	1,026	S.F.	\$6.00	\$6,156.00
5. PAINT, PAVEMENT MARKINGS	LINE 4"	1,249	L.F.	\$0.50	\$624.50
6. PAINT, PAVEMENT MARKINGS	LETTERS/SYMBOLS	370	S.F.	\$2.00	\$740.00
7. LIGHT POLE LUMINAIRES		8	EA.	\$3,500.00	\$28,000.00
8. SIGNAGE		6	EA.	\$150.00	\$900.00
9. PAINT, PAVEMENT MARKINGS	HANDICAPPED	3	EA.	\$30.00	\$90.00
CONCRETE PAVEMENT					
10. CA8 BASE COURSE	4"	1,174	S.Y.	\$7.00	\$8,218.00
11. PORTLAND CEMENT	6"	1,174	S.Y.	\$25.00	\$29,350.00
HEAVY DUTY PAVEMENT					
12. AGGREGATE BASE, TYPE B	12"	3,788	S.Y.	\$9.80	\$37,122.40
13. BITUMINOUS BINDER COURSE	2", CL I	3,788	S.Y.	\$4.00	\$15,152.00
14. BITUMINOUS SURFACE COURSE	2.0", CL I	3,788	S.Y.	\$4.40	\$16,667.20
LIGHT DUTY PAVEMENT					
15. AGGREGATE BASE, TYPE B	8"	1,145	S.Y.	\$6.30	\$7,213.50
16. BITUMINOUS BINDER COURSE	2", CL I	1,145	S.Y.	\$4.00	\$4,580.00
17. BITUMINOUS SURFACE COURSE	2.0", CL I	1,145	S.Y.	\$4.40	\$5,038.00
E. Roadway Improvements				Sub-Total =	<u>\$182,822.60</u>
<u>F. Watermain Improvements</u>					
1. FIRE HYDRANT	W/AUX. VALVE AND BOX	2	EACH	\$2,000.00	\$4,000.00
2. WATER SERVICES, W/B-BOX	2" TAP, CORP., B-BOX	1	EACH	\$600.00	\$600.00
3. VALVE	8" IN 48" VAULT	1	EACH	\$1,850.00	\$1,850.00
4. WM, DI CL 52 W/FITTINGS	8"	116	L.F.	\$19.50	\$2,262.00
5. WM, DI CL 52 W/FITTINGS	8"	274	L.F.	\$21.00	\$5,754.00
6. WM TRENCH BACKFILL	LINEAL FOOT	85	L.F.	\$15.00	\$1,275.00
7. REDUCER		1	EACH	\$100.00	\$100.00
8. PRESSURE CONNECTION IN 80" VLT	8" X 10"	1	EACH	\$4,250.00	\$4,250.00
9. WATER SERVICE, FIRE	4" DIP	10	LF	\$25.00	\$250.00
F. Watermain Improvements				Sub-Total =	<u>\$20,341.00</u>
<u>G. Sanitary Sewer Improvements</u>					
1. CONNECT TO EXISTING MANHOLE	#REF!	1	EACH	\$3,000.00	\$3,000.00
2. SANITARY MANHOLE, TYPE A	48" DIA, <10' DEEP	2	EACH	\$2,200.00	\$4,400.00
3. SANITARY SEWER, PVC SDR 26	6" < 10' DEEP	322	L.F.	\$20.00	\$6,440.00
4. SANITARY TRENCH BACKFILL	<10' DEEP	322	L.F.	\$26.00	\$8,372.00
5. GREASE TRAP		1	LS	\$3,500.00	\$3,500.00
G. Sanitary Sewer Improvements				Sub-Total =	<u>\$25,712.00</u>

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<u>H. Miscellaneous</u>				
1. TRANSFORMER	1	EACH	\$3,000.00	\$3,000.00
2. TRASH ENCLOSURE W/ FENCE	1	EACH	\$1,500.00	\$1,500.00
H. Miscellaneous			Sub-Total =	\$4,500.00
SUBTOTAL =				\$450,354.60
<u>10%</u> CONTINGENCY=				\$45,035.46
TOTAL=				\$495,390.06

NOTES:

1. This estimate is prepared based on "Site Improvement Plans for Krispy Kreme Doughnuts, Glendale" Dated 11/21/01.
2. This estimate is prepared as a guide only. SPACECO makes no warranty that actual costs will not vary from the amounts indicated, and assumes no liability for such variance.
3. This estimate DOES NOT include: PERMIT FEES
LANDSCAPING
REVIEW FEES
4. This estimate DOES NOT include:
Maintenance costs for: EROSION CONTROL
CONSTRUCTION ROADS
BUILDING PADS
KRISPY KREME 25' PYLON SIGN

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