



Project Name: **Oak Grove Road (2400 LF)**  
Prepared By: **PACHECO KOCH, LLC (ALEX CAMUNEZ)**  
TX Reg. Engineering Firm F-469

PK No.:  
Date:

**2685-16.131**  
**2/21/2018**

Assumptions

- Assumed Lime applied at a rate of 6 lbs per inch of subgrade per square yard
- Unclassified Roadway Excavation needed 1' across ROW width moving from bar ditch section to curb and gutter
- Traffic to remain open to one direction

Item No.	Est. Quant.	Unit	Description	Unit Price	Developer Responsibility	Developer Cost	City Responsibility	City Cost	Total
<b>Oak Grove Road</b>					%		%		
1	1	LS	Mobilization	\$10,000.00	0%	\$0.00	100%	\$10,000.00	\$10,000.00
2	1	LS	SWPPP ≥ 1 acre	\$30,000.00	0%	\$0.00	100%	\$30,000.00	\$30,000.00
3	1	LS	Site Clearing	\$5,000.00	0%	\$0.00	100%	\$5,000.00	\$5,000.00
4	2,000	LF	Relocate overhead Power Line	\$125.00	0%	\$0.00	100%	\$250,000.00	\$250,000.00
5	2,400	LF	Demolition of 4" Asphalt Base	\$20.00	0%	\$0.00	100%	\$48,000.00	\$48,000.00
6	9,600	SY	8" Subgrade (Road)	\$4.00	0%	\$0.00	100%	\$38,400.00	\$38,400.00
7	600	SY	6" Subgrade (Driveways)	\$4.00	0%	\$0.00	100%	\$2,400.00	\$2,400.00
8	245	TON	Lime for Subgrade (48 lbs per SY)	\$200.00	0%	\$0.00	100%	\$48,960.00	\$48,960.00
9	9,067	SY	10" Concrete Pavement	\$72.00	0%	\$0.00	100%	\$652,800.00	\$652,800.00
10	600	SY	7" Concrete Driveway	\$50.00	0%	\$0.00	100%	\$30,000.00	\$30,000.00
11	6	EA	Barrier Free Ramp	\$1,200.00	0%	\$0.00	100%	\$7,200.00	\$7,200.00
12	26,000	SF	4" Concrete Sidewalk	\$5.00	0%	\$0.00	100%	\$130,000.00	\$130,000.00
13	1	LS	Pavements markings and striping	\$30,000.00	0%	\$0.00	100%	\$30,000.00	\$30,000.00
14	1	LS	Traffic Signage	\$20,000.00	0%	\$0.00	100%	\$20,000.00	\$20,000.00
15	10	MO	Traffic Control	\$6,000.00	0%	\$0.00	100%	\$60,000.00	\$60,000.00
16	1	LS	Erosion Control	\$20,000.00	0%	\$0.00	100%	\$20,000.00	\$20,000.00
17	2,900	CY	Unclassified Roadway Excavation	\$3.00	0%	\$0.00	100%	\$8,700.00	\$8,700.00
18	12	EA	Light Pole, Fixture & Conduits	\$5,000.00	0%	\$0.00	100%	\$60,000.00	\$60,000.00
19	2	EA	Railroad Crossings	\$100,000.00	3%	\$6,000.00	97%	\$194,000.00	\$200,000.00
20	600	LF	24" RCP, Class III	\$50.00	18%	\$5,400.00	82%	\$24,600.00	\$30,000.00
21	250	LF	36" RCP, Class III	\$85.00	16%	\$3,400.00	84%	\$17,850.00	\$21,250.00
22	50	LF	66" RCP, Class III	\$400.00	16%	\$3,200.00	84%	\$16,800.00	\$20,000.00
23	1	EA	66" Type "B" Headwall	\$15,000.00	16%	\$2,400.00	84%	\$12,600.00	\$15,000.00
24	1	EA	5x5' Wye Inlet	\$10,000.00	16%	\$1,600.00	84%	\$8,400.00	\$10,000.00
25	7	EA	10' Recessed Inlet	\$4,000.00	16%	\$4,480.00	84%	\$23,520.00	\$28,000.00
26	908	LF	Trench Safety	\$1.00	16%	\$145.28	84%	\$762.72	\$908.00
<b>Sub-Total</b>						\$26,625.28		\$1,749,992.72	\$1,776,618.00
<b>20% of public improvements</b>						\$355,323.60			\$355,323.60
<b>Contingency (20%)</b>						\$5,325.06		\$349,998.54	\$355,323.60
<b>Insurance Required by CoFW</b>						\$266.25		\$17,499.93	\$17,766.18
<b>Letter of Credit</b>						\$130,000.00			\$130,000.00
<b>TOTAL</b>						\$517,540.19		\$2,099,991.26	\$2,635,031.38

Engineering, Surveying and Material Testing

The quantities and prices shown hereon are an indication of the Engineer's opinion of probable construction costs associated with the referenced project and are NOT a guarantee of individual or total construction costs.

Engineer

AJC