

# Riverside County Flood Control & Water Conservation District

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965



**Bid Abstract**

**Project Name:** NORTH NORCO CHANNEL LINE NB, STAGE 3  
**Project Number:** 2-0-00145-03  
**Bid Open Date:** 7/12/2022

**ENGINEER'S ESTIMATE      WRIGHT CONSTRUCTION ENGINEERING CORP      BOSCO CONSTRUCTORS, INC.**

Item No.	Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
1	MOBILIZATION	L.S.	1	\$100,000.00	\$100,000.00	\$125,000.00	\$125,000.00	\$60,000.00	\$60,000.00
2	WATER CONTROL	L.S.	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00
3	TRAFFIC CONTROL	L.S.	1	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00
4	CLEARING AND MISCELLANEOUS WORK	L.S.	1	\$20,000.00	\$20,000.00	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00
5	EXCAVATION	C.Y.	2381	\$15.00	\$35,715.00	\$40.00	\$95,240.00	\$50.00	\$119,050.00
6	CHANNEL EXCAVATION	C.Y.	1829	\$15.00	\$27,435.00	\$40.00	\$73,160.00	\$90.00	\$164,610.00
7	STRUCTURE EXCAVATION	C.Y.	518	\$40.00	\$20,720.00	\$40.00	\$20,720.00	\$120.00	\$62,160.00
8	BACKFILL	C.Y.	1415	\$30.00	\$42,450.00	\$35.00	\$49,525.00	\$70.00	\$99,050.00
9	CONTROLLED LOW STRENGTH MATERIAL (CLSM)	C.Y.	208	\$150.00	\$31,200.00	\$300.00	\$62,400.00	\$250.00	\$52,000.00
10	TRENCH SAFETY SYSTEM AND FALSEWORK	L.S.	1	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00
11	CLASS "A" CONCRETE, TRAPEZOIDAL CHANNEL PAVING	C.Y.	512	\$480.00	\$245,760.00	\$700.00	\$358,400.00	\$500.00	\$256,000.00
12	CLASS "A" CONCRETE, CHANNEL INVERT	C.Y.	268	\$600.00	\$160,800.00	\$530.00	\$142,040.00	\$450.00	\$120,600.00
13	CLASS "A" CONCRETE, CHANNEL WALL	C.Y.	226	\$600.00	\$135,600.00	\$700.00	\$158,200.00	\$1,000.00	\$226,000.00
14	CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	46	\$1,000.00	\$46,000.00	\$800.00	\$36,800.00	\$1,500.00	\$69,000.00
15	CLASS "A" CONCRETE, NON-SHRINK GROUT	C.F.	122	\$56.00	\$6,832.00	\$50.00	\$6,100.00	\$80.00	\$9,760.00
16	CLASS "B" CONCRETE, 2' CUTOFF WALL	L.F.	2118	\$30.00	\$63,540.00	\$27.00	\$57,186.00	\$70.00	\$148,260.00
17	CLASS "B" CONCRETE, 3.5' CUTOFF WALL	L.F.	503	\$35.00	\$17,605.00	\$80.00	\$40,240.00	\$115.00	\$57,845.00
18	CLASS "B" CONCRETE, MISCELLANEOUS	C.Y.	35	\$600.00	\$21,000.00	\$520.00	\$18,200.00	\$70.00	\$2,450.00
19	TRANSITION STRUCTURE NO. 3	EACH	1	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
20	JUNCTION STRUCTURE NO. 1	EACH	1	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00
21	MANHOLE NO. 4	EACH	1	\$15,000.00	\$15,000.00	\$8,500.00	\$8,500.00	\$5,000.00	\$5,000.00
22	18" RCP, CLASS IV	L.F.	26	\$150.00	\$3,900.00	\$300.00	\$7,800.00	\$150.00	\$3,900.00
23	24" RCP, CLASS IV	L.F.	81	\$150.00	\$12,150.00	\$330.00	\$26,730.00	\$150.00	\$12,150.00

# Riverside County Flood Control & Water Conservation District

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**Bid Abstract**

**Project Name:** NORTH NORCO CHANNEL LINE NB, STAGE 3  
**Project Number:** 2-0-00145-03  
**Bid Open Date:** 7/12/2022

**ENGINEER'S ESTIMATE**

**H&H GENERAL CONTRACTORS, INC.**

**TOWO ENTERPRISE INC.**

<i>Item No.</i>	<i>Description</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>
1	MOBILIZATION	L.S.	1	\$100,000.00	\$100,000.00	\$279,000.00	\$279,000.00	\$150,000.00	\$150,000.00
2	WATER CONTROL	L.S.	1	\$10,000.00	\$10,000.00	\$9,800.00	\$9,800.00	\$45,000.00	\$45,000.00
3	TRAFFIC CONTROL	L.S.	1	\$15,000.00	\$15,000.00	\$37,000.00	\$37,000.00	\$50,000.00	\$50,000.00
4	CLEARING AND MISCELLANEOUS WORK	L.S.	1	\$20,000.00	\$20,000.00	\$47,000.00	\$47,000.00	\$30,000.00	\$30,000.00
5	EXCAVATION	C.Y.	2381	\$15.00	\$35,715.00	\$27.00	\$64,287.00	\$80.00	\$190,480.00
6	CHANNEL EXCAVATION	C.Y.	1829	\$15.00	\$27,435.00	\$41.00	\$74,989.00	\$80.00	\$146,320.00
7	STRUCTURE EXCAVATION	C.Y.	518	\$40.00	\$20,720.00	\$80.00	\$41,440.00	\$80.00	\$41,440.00
8	BACKFILL	C.Y.	1415	\$30.00	\$42,450.00	\$57.00	\$80,655.00	\$65.00	\$91,975.00
9	CONTROLLED LOW STRENGTH MATERIAL (CLSM)	C.Y.	208	\$150.00	\$31,200.00	\$193.00	\$40,144.00	\$65.00	\$13,520.00
10	TRENCH SAFETY SYSTEM AND FALSEWORK	L.S.	1	\$10,000.00	\$10,000.00	\$17,000.00	\$17,000.00	\$45,000.00	\$45,000.00
11	CLASS "A" CONCRETE, TRAPEZOIDAL CHANNEL PAVING	C.Y.	512	\$480.00	\$245,760.00	\$671.00	\$343,552.00	\$250.00	\$128,000.00
12	CLASS "A" CONCRETE, CHANNEL INVERT	C.Y.	268	\$600.00	\$160,800.00	\$724.00	\$194,032.00	\$280.00	\$75,040.00
13	CLASS "A" CONCRETE, CHANNEL WALL	C.Y.	226	\$600.00	\$135,600.00	\$1,200.00	\$271,200.00	\$350.00	\$79,100.00
14	CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	46	\$1,000.00	\$46,000.00	\$1,222.00	\$56,212.00	\$300.00	\$13,800.00
15	CLASS "A" CONCRETE, NON-SHRINK GROUT	C.F.	122	\$56.00	\$6,832.00	\$141.00	\$17,202.00	\$250.00	\$30,500.00
16	CLASS "B" CONCRETE, 2' CUTOFF WALL	L.F.	2118	\$30.00	\$63,540.00	\$23.50	\$49,773.00	\$90.00	\$190,620.00
17	CLASS "B" CONCRETE, 3.5' CUTOFF WALL	L.F.	503	\$35.00	\$17,605.00	\$117.00	\$58,851.00	\$95.00	\$47,785.00
18	CLASS "B" CONCRETE, MISCELLANEOUS	C.Y.	35	\$600.00	\$21,000.00	\$725.00	\$25,375.00	\$250.00	\$8,750.00
19	TRANSITION STRUCTURE NO. 3	EACH	1	\$10,000.00	\$10,000.00	\$4,100.00	\$4,100.00	\$10,000.00	\$10,000.00
20	JUNCTION STRUCTURE NO. 1	EACH	1	\$5,000.00	\$5,000.00	\$6,100.00	\$6,100.00	\$8,000.00	\$8,000.00
21	MANHOLE NO. 4	EACH	1	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
22	18" RCP, CLASS IV	L.F.	26	\$150.00	\$3,900.00	\$287.00	\$7,462.00	\$320.00	\$8,320.00
23	24" RCP, CLASS IV	L.F.	81	\$150.00	\$12,150.00	\$234.00	\$18,954.00	\$320.00	\$25,920.00

# Riverside County Flood Control & Water Conservation District

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**Bid Abstract**

**Project Name:** NORTH NORCO CHANNEL LINE NB, STAGE 3  
**Project Number:** 2-0-00145-03  
**Bid Open Date:** 7/12/2022

**ENGINEER'S ESTIMATE**

**RIVERSIDE CONSTRUCTION  
COMPANY, INC.**

**EMPIRE EQUIPMENT  
SERVICE, INC.**

<i>Item No.</i>	<i>Description</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>
1	MOBILIZATION	L.S.	1	\$100,000.00	\$100,000.00	\$575,000.00	\$575,000.00	\$177,528.00	\$177,528.00
2	WATER CONTROL	L.S.	1	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$103,912.00	\$103,912.00
3	TRAFFIC CONTROL	L.S.	1	\$15,000.00	\$15,000.00	\$50,000.00	\$50,000.00	\$55,362.00	\$55,362.00
4	CLEARING AND MISCELLANEOUS WORK	L.S.	1	\$20,000.00	\$20,000.00	\$75,000.00	\$75,000.00	\$107,997.00	\$107,997.00
5	EXCAVATION	C.Y.	2381	\$15.00	\$35,715.00	\$65.00	\$154,765.00	\$46.00	\$109,526.00
6	CHANNEL EXCAVATION	C.Y.	1829	\$15.00	\$27,435.00	\$25.00	\$45,725.00	\$37.00	\$67,673.00
7	STRUCTURE EXCAVATION	C.Y.	518	\$40.00	\$20,720.00	\$25.00	\$12,950.00	\$81.00	\$41,958.00
8	BACKFILL	C.Y.	1415	\$30.00	\$42,450.00	\$25.00	\$35,375.00	\$107.00	\$151,405.00
9	CONTROLLED LOW STRENGTH MATERIAL (CLSM)	C.Y.	208	\$150.00	\$31,200.00	\$315.00	\$65,520.00	\$499.00	\$103,792.00
10	TRENCH SAFETY SYSTEM AND FALSEWORK	L.S.	1	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$27,000.00	\$27,000.00
11	CLASS "A" CONCRETE, TRAPEZOIDAL CHANNEL PAVING	C.Y.	512	\$480.00	\$245,760.00	\$750.00	\$384,000.00	\$760.00	\$389,120.00
12	CLASS "A" CONCRETE, CHANNEL INVERT	C.Y.	268	\$600.00	\$160,800.00	\$810.00	\$217,080.00	\$800.00	\$214,400.00
13	CLASS "A" CONCRETE, CHANNEL WALL	C.Y.	226	\$600.00	\$135,600.00	\$1,500.00	\$339,000.00	\$953.60	\$215,513.60
14	CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	46	\$1,000.00	\$46,000.00	\$2,000.00	\$92,000.00	\$2,145.50	\$98,693.00
15	CLASS "A" CONCRETE, NON-SHRINK GROUT	C.F.	122	\$56.00	\$6,832.00	\$60.00	\$7,320.00	\$774.00	\$94,428.00
16	CLASS "B" CONCRETE, 2' CUTOFF WALL	L.F.	2118	\$30.00	\$63,540.00	\$15.00	\$31,770.00	\$29.00	\$61,422.00
17	CLASS "B" CONCRETE, 3.5' CUTOFF WALL	L.F.	503	\$35.00	\$17,605.00	\$115.00	\$57,845.00	\$78.00	\$39,234.00
18	CLASS "B" CONCRETE, MISCELLANEOUS	C.Y.	35	\$600.00	\$21,000.00	\$650.00	\$22,750.00	\$315.00	\$11,025.00
19	TRANSITION STRUCTURE NO. 3	EACH	1	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$18,698.00	\$18,698.00
20	JUNCTION STRUCTURE NO. 1	EACH	1	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$2,843.00	\$2,843.00
21	MANHOLE NO. 4	EACH	1	\$15,000.00	\$15,000.00	\$12,500.00	\$12,500.00	\$11,927.00	\$11,927.00
22	18" RCP, CLASS IV	L.F.	26	\$150.00	\$3,900.00	\$300.00	\$7,800.00	\$345.00	\$8,970.00
23	24" RCP, CLASS IV	L.F.	81	\$150.00	\$12,150.00	\$210.00	\$17,010.00	\$271.00	\$21,951.00

# Riverside County Flood Control & Water Conservation District

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**Bid Abstract**

**Project Name:** NORTH NORCO CHANNEL LINE NB, STAGE 3  
**Project Number:** 2-0-00145-03  
**Bid Open Date:** 7/12/2022

**ENGINEER'S ESTIMATE**

**GRIFFITH COMPANY**

<i>Item No.</i>	<i>Description</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>
1	MOBILIZATION	L.S.	1	\$100,000.00	\$100,000.00	\$215,000.00	\$215,000.00
2	WATER CONTROL	L.S.	1	\$10,000.00	\$10,000.00	\$16,000.00	\$16,000.00
3	TRAFFIC CONTROL	L.S.	1	\$15,000.00	\$15,000.00	\$119,380.00	\$119,380.00
4	CLEARING AND MISCELLANEOUS WORK	L.S.	1	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00
5	EXCAVATION	C.Y.	2381	\$15.00	\$35,715.00	\$28.30	\$67,382.30
6	CHANNEL EXCAVATION	C.Y.	1829	\$15.00	\$27,435.00	\$36.00	\$65,844.00
7	STRUCTURE EXCAVATION	C.Y.	518	\$40.00	\$20,720.00	\$32.00	\$16,576.00
8	BACKFILL	C.Y.	1415	\$30.00	\$42,450.00	\$82.00	\$116,030.00
9	CONTROLLED LOW STRENGTH MATERIAL (CLSM)	C.Y.	208	\$150.00	\$31,200.00	\$217.00	\$45,136.00
10	TRENCH SAFETY SYSTEM AND FALSEWORK	L.S.	1	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00
11	CLASS "A" CONCRETE, TRAPEZOIDAL CHANNEL PAVING	C.Y.	512	\$480.00	\$245,760.00	\$1,025.00	\$524,800.00
12	CLASS "A" CONCRETE, CHANNEL INVERT	C.Y.	268	\$600.00	\$160,800.00	\$1,140.00	\$305,520.00
13	CLASS "A" CONCRETE, CHANNEL WALL	C.Y.	226	\$600.00	\$135,600.00	\$1,700.00	\$384,200.00
14	CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	46	\$1,000.00	\$46,000.00	\$4,100.00	\$188,600.00
15	CLASS "A" CONCRETE, NON-SHRINK GROUT	C.F.	122	\$56.00	\$6,832.00	\$285.00	\$34,770.00
16	CLASS "B" CONCRETE, 2' CUTOFF WALL	L.F.	2118	\$30.00	\$63,540.00	\$35.00	\$74,130.00
17	CLASS "B" CONCRETE, 3.5' CUTOFF WALL	L.F.	503	\$35.00	\$17,605.00	\$200.00	\$100,600.00
18	CLASS "B" CONCRETE, MISCELLANEOUS	C.Y.	35	\$600.00	\$21,000.00	\$415.00	\$14,525.00
19	TRANSITION STRUCTURE NO. 3	EACH	1	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00
20	JUNCTION STRUCTURE NO. 1	EACH	1	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00
21	MANHOLE NO. 4	EACH	1	\$15,000.00	\$15,000.00	\$14,000.00	\$14,000.00
22	18" RCP, CLASS IV	L.F.	26	\$150.00	\$3,900.00	\$500.00	\$13,000.00
23	24" RCP, CLASS IV	L.F.	81	\$150.00	\$12,150.00	\$525.00	\$42,525.00



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**Project Number:** 2-0-00145-03  
**Bid Open Date:** 7/12/2022

### ENGINEER'S ESTIMATE

### H&H GENERAL CONTRACTORS, INC.

### TOWO ENTERPRISE INC.

Item No.	Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
24	30" RCP, CLASS IV	L.F.	90	\$170.00	\$15,300.00	\$172.00	\$15,480.00	\$450.00	\$40,500.00
25	36" RCP, CLASS IV	L.F.	254	\$190.00	\$48,260.00	\$198.00	\$50,292.00	\$450.00	\$114,300.00
26	AGGREGATE BASE, CLASS 2	C.Y.	30	\$100.00	\$3,000.00	\$173.00	\$5,190.00	\$80.00	\$2,400.00
27	HOT MIX ASPHALT (HMA)	TONS	81	\$150.00	\$12,150.00	\$298.00	\$24,138.00	\$150.00	\$12,150.00
28	ASPHALT CONCRETE GRINDING	S.F.	880	\$5.00	\$4,400.00	\$5.00	\$4,400.00	\$8.00	\$7,040.00
29	TEMPORARY RESURFACING	TONS	20	\$200.00	\$4,000.00	\$201.00	\$4,020.00	\$120.00	\$2,400.00
30	SAFETY BOLLARD	EACH	6	\$150.00	\$900.00	\$418.00	\$2,508.00	\$1,500.00	\$9,000.00
31	METAL POST DELINEATOR	EACH	1	\$200.00	\$200.00	\$345.00	\$345.00	\$1,500.00	\$1,500.00
32	6-FOOT CHAIN LINK FENCE	L.F.	380	\$35.00	\$13,300.00	\$69.00	\$26,220.00	\$150.00	\$57,000.00
33	TEMPORARY FENCING	L.F.	218	\$20.00	\$4,360.00	\$19.00	\$4,142.00	\$50.00	\$10,900.00
34	CABLE RAILING	L.F.	904	\$30.00	\$27,120.00	\$40.00	\$36,160.00	\$80.00	\$72,320.00
35	14-FOOT DOUBLE DRIVE GATES	PAIR	7	\$2,500.00	\$17,500.00	\$3,400.00	\$23,800.00	\$3,200.00	\$22,400.00
36	MISCELLANEOUS IRON AND STEEL	LBS.	8820	\$3.00	\$26,460.00	\$3.50	\$30,870.00	\$10.00	\$88,200.00
37	SUBDRAIN	L.F.	1107	\$30.00	\$33,210.00	\$46.00	\$50,922.00	\$50.00	\$55,350.00
38	REMODEL 4-INCH VITRIFIED CLAY PIPE (VCP) HOUSE CONNECTION	L.F.	14	\$100.00	\$1,400.00	\$715.00	\$10,010.00	\$500.00	\$7,000.00
39	RELOCATE WATERLINE HOUSE SERVICE CONNECTION	EACH	2	\$2,000.00	\$4,000.00	\$5,462.00	\$10,924.00	\$3,500.00	\$7,000.00
40	REMOVE EXISTING RCB AND STRUCTURES	L.F.	258	\$100.00	\$25,800.00	\$183.00	\$47,214.00	\$50.00	\$12,900.00
41	FULL TRASH CAPTURE DEVICE	EACH	8	\$1,000.00	\$8,000.00	\$6,500.00	\$52,000.00	\$4,500.00	\$36,000.00
42	BLOCK WALL	L.F.	123	\$85.00	\$10,455.00	\$229.00	\$28,167.00	\$350.00	\$43,050.00
43	ADJUST MANHOLE TO GRADE	EACH	3	\$1,000.00	\$3,000.00	\$1,495.00	\$4,485.00	\$1,500.00	\$4,500.00
44	EXTRA DIRECTED WORK	L.S.	1	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
45	FILTER MATERIAL	C.Y.	446	\$50.00	\$22,300.00	\$57.00	\$25,422.00	\$250.00	\$111,500.00
46	ASTM #2 STONE	C.Y.	145	\$50.00	\$7,250.00	\$60.00	\$8,700.00	\$450.00	\$65,250.00

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**ENGINEER'S ESTIMATE**

**RIVERSIDE CONSTRUCTION  
COMPANY, INC.**

**EMPIRE EQUIPMENT  
SERVICE, INC.**

<i>Item No.</i>	<i>Description</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>
24	30" RCP, CLASS IV	L.F.	90	\$170.00	\$15,300.00	\$130.00	\$11,700.00	\$327.00	\$29,430.00
25	36" RCP, CLASS IV	L.F.	254	\$190.00	\$48,260.00	\$120.00	\$30,480.00	\$245.00	\$62,230.00
26	AGGREGATE BASE, CLASS 2	C.Y.	30	\$100.00	\$3,000.00	\$300.00	\$9,000.00	\$197.00	\$5,910.00
27	HOT MIX ASPHALT (HMA)	TONS	81	\$150.00	\$12,150.00	\$350.00	\$28,350.00	\$164.00	\$13,284.00
28	ASPHALT CONCRETE GRINDING	S.F.	880	\$5.00	\$4,400.00	\$5.00	\$4,400.00	\$10.70	\$9,416.00
29	TEMPORARY RESURFACING	TONS	20	\$200.00	\$4,000.00	\$450.00	\$9,000.00	\$638.60	\$12,772.00
30	SAFETY BOLLARD	EACH	6	\$150.00	\$900.00	\$450.00	\$2,700.00	\$1,952.00	\$11,712.00
31	METAL POST DELINEATOR	EACH	1	\$200.00	\$200.00	\$600.00	\$600.00	\$25,256.00	\$25,256.00
32	6-FOOT CHAIN LINK FENCE	L.F.	380	\$35.00	\$13,300.00	\$70.00	\$26,600.00	\$68.00	\$25,840.00
33	TEMPORARY FENCING	L.F.	218	\$20.00	\$4,360.00	\$28.00	\$6,104.00	\$7.50	\$1,635.00
34	CABLE RAILING	L.F.	904	\$30.00	\$27,120.00	\$35.00	\$31,640.00	\$53.00	\$47,912.00
35	14-FOOT DOUBLE DRIVE GATES	PAIR	7	\$2,500.00	\$17,500.00	\$3,000.00	\$21,000.00	\$3,412.00	\$23,884.00
36	MISCELLANEOUS IRON AND STEEL	LBS.	8820	\$3.00	\$26,460.00	\$2.00	\$17,640.00	\$8.30	\$73,206.00
37	SUBDRAIN	L.F.	1107	\$30.00	\$33,210.00	\$50.00	\$55,350.00	\$31.00	\$34,317.00
38	REMODEL 4-INCH VITRIFIED CLAY PIPE (VCP) HOUSE CONNECTION	L.F.	14	\$100.00	\$1,400.00	\$350.00	\$4,900.00	\$524.00	\$7,336.00
39	RELOCATE WATERLINE HOUSE SERVICE CONNECTION	EACH	2	\$2,000.00	\$4,000.00	\$3,500.00	\$7,000.00	\$11,490.00	\$22,980.00
40	REMOVE EXISTING RCB AND STRUCTURES	L.F.	258	\$100.00	\$25,800.00	\$185.00	\$47,730.00	\$328.00	\$84,624.00
41	FULL TRASH CAPTURE DEVICE	EACH	8	\$1,000.00	\$8,000.00	\$1,500.00	\$12,000.00	\$4,096.00	\$32,768.00
42	BLOCK WALL	L.F.	123	\$85.00	\$10,455.00	\$175.00	\$21,525.00	\$127.00	\$15,621.00
43	ADJUST MANHOLE TO GRADE	EACH	3	\$1,000.00	\$3,000.00	\$750.00	\$2,250.00	\$2,827.00	\$8,481.00
44	EXTRA DIRECTED WORK	L.S.	1	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
45	FILTER MATERIAL	C.Y.	446	\$50.00	\$22,300.00	\$65.00	\$28,990.00	\$95.00	\$42,370.00
46	ASTM #2 STONE	C.Y.	145	\$50.00	\$7,250.00	\$85.00	\$12,325.00	\$229.00	\$33,205.00

# Riverside County Flood Control & Water Conservation District

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965



## Bid Abstract

**Project Name:** NORTH NORCO CHANNEL LINE NB, STAGE 3  
**Project Number:** 2-0-00145-03  
**Bid Open Date:** 7/12/2022

### ENGINEER'S ESTIMATE

### GRIFFITH COMPANY

Item No.	Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid
24	30" RCP, CLASS IV	L.F.	90	\$170.00	\$15,300.00	\$288.00	\$25,920.00
25	36" RCP, CLASS IV	L.F.	254	\$190.00	\$48,260.00	\$390.00	\$99,060.00
26	AGGREGATE BASE, CLASS 2	C.Y.	30	\$100.00	\$3,000.00	\$525.00	\$15,750.00
27	HOT MIX ASPHALT (HMA)	TONS	81	\$150.00	\$12,150.00	\$325.00	\$26,325.00
28	ASPHALT CONCRETE GRINDING	S.F.	880	\$5.00	\$4,400.00	\$3.00	\$2,640.00
29	TEMPORARY RESURFACING	TONS	20	\$200.00	\$4,000.00	\$280.00	\$5,600.00
30	SAFETY BOLLARD	EACH	6	\$150.00	\$900.00	\$1,280.00	\$7,680.00
31	METAL POST DELINEATOR	EACH	1	\$200.00	\$200.00	\$670.00	\$670.00
32	6-FOOT CHAIN LINK FENCE	L.F.	380	\$35.00	\$13,300.00	\$77.00	\$29,260.00
33	TEMPORARY FENCING	L.F.	218	\$20.00	\$4,360.00	\$30.00	\$6,540.00
34	CABLE RAILING	L.F.	904	\$30.00	\$27,120.00	\$40.00	\$36,160.00
35	14-FOOT DOUBLE DRIVE GATES	PAIR	7	\$2,500.00	\$17,500.00	\$3,300.00	\$23,100.00
36	MISCELLANEOUS IRON AND STEEL	LBS.	8820	\$3.00	\$26,460.00	\$3.00	\$26,460.00
37	SUBDRAIN	L.F.	1107	\$30.00	\$33,210.00	\$75.00	\$83,025.00
38	REMODEL 4-INCH VITRIFIED CLAY PIPE (VCP) HOUSE CONNECTION	L.F.	14	\$100.00	\$1,400.00	\$1,800.00	\$25,200.00
39	RELOCATE WATERLINE HOUSE SERVICE CONNECTION	EACH	2	\$2,000.00	\$4,000.00	\$10,000.00	\$20,000.00
40	REMOVE EXISTING RCB AND STRUCTURES	L.F.	258	\$100.00	\$25,800.00	\$110.00	\$28,380.00
41	FULL TRASH CAPTURE DEVICE	EACH	8	\$1,000.00	\$8,000.00	\$2,000.00	\$16,000.00
42	BLOCK WALL	L.F.	123	\$85.00	\$10,455.00	\$265.00	\$32,595.00
43	ADJUST MANHOLE TO GRADE	EACH	3	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00
44	EXTRA DIRECTED WORK	L.S.	1	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
45	FILTER MATERIAL	C.Y.	446	\$50.00	\$22,300.00	\$43.00	\$19,178.00
46	ASTM #2 STONE	C.Y.	145	\$50.00	\$7,250.00	\$139.00	\$20,155.00





# Riverside County Flood Control & Water Conservation District

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## Bid Abstract

**Project Name:** NORTH NORCO CHANNEL LINE NB, STAGE 3  
**Project Number:** 2-0-00145-03  
**Bid Open Date:** 7/12/2022

**ENGINEER'S ESTIMATE**

**H&H GENERAL  
CONTRACTORS, INC.**

**TOWO ENTERPRISE INC.**

<i>Item No.</i>	<i>Description</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>
47	DUST ABATEMENT	L.S.	1	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00
48	STORMWATER AND NON-STORMWATER POLLUTION CONTROL	L.S.	1	\$30,000.00	\$30,000.00	\$11,500.00	\$11,500.00	\$15,000.00	\$15,000.00
49	NON-STORMWATER DISCHARGE OR DEWATERING	L.S.	1	\$10,000.00	\$10,000.00	\$2,300.00	\$2,300.00	\$50,000.00	\$50,000.00
50	RELOCATE 12-INCH WATERLINE	L.S.	1	\$10,000.00	\$10,000.00	\$57,000.00	\$57,000.00	\$20,000.00	\$20,000.00
51	PRECAST REINFORCED CONCRETE BOX (PRCB) 12'W x 5'H	L.F.	63	\$1,150.00	\$72,450.00	\$1,677.00	\$105,651.00	\$2,000.00	\$126,000.00
52	PRECAST REINFORCED CONCRETE BOX (PRCB) 10'W x 6'H	L.F.	144	\$850.00	\$122,400.00	\$1,285.00	\$185,040.00	\$2,000.00	\$288,000.00
53	ARTICULATING CONCRETE BLOCK (ACB)	S.Y.	218	\$150.00	\$32,700.00	\$348.00	\$75,864.00	\$250.00	\$54,500.00
54	FILTER FABRIC	S.Y.	586	\$9.00	\$5,274.00	\$9.00	\$5,274.00	\$45.00	\$26,370.00
55	BIAXIAL GEOGRID	S.Y.	218	\$7.00	\$1,526.00	\$26.00	\$5,668.00	\$40.00	\$8,720.00

# Riverside County Flood Control & Water Conservation District

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965



**Bid Abstract**

**Project Name:** NORTH NORCO CHANNEL LINE NB, STAGE 3  
**Project Number:** 2-0-00145-03  
**Bid Open Date:** 7/12/2022

**ENGINEER'S ESTIMATE**

**RIVERSIDE CONSTRUCTION  
COMPANY, INC.**

**EMPIRE EQUIPMENT  
SERVICE, INC.**

<i>Item No.</i>	<i>Description</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>
47	DUST ABATEMENT	L.S.	1	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$81,773.00	\$81,773.00
48	STORMWATER AND NON-STORMWATER POLLUTION CONTROL	L.S.	1	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00	\$40,147.60	\$40,147.60
49	NON-STORMWATER DISCHARGE OR DEWATERING	L.S.	1	\$10,000.00	\$10,000.00	\$100.00	\$100.00	\$41,819.00	\$41,819.00
50	RELOCATE 12-INCH WATERLINE	L.S.	1	\$10,000.00	\$10,000.00	\$55,000.00	\$55,000.00	\$57,000.00	\$57,000.00
51	PRECAST REINFORCED CONCRETE BOX (PRCB) 12'W x 5'H	L.F.	63	\$1,150.00	\$72,450.00	\$1,500.00	\$94,500.00	\$1,757.00	\$110,691.00
52	PRECAST REINFORCED CONCRETE BOX (PRCB) 10'W x 6'H	L.F.	144	\$850.00	\$122,400.00	\$1,200.00	\$172,800.00	\$1,495.00	\$215,280.00
53	ARTICULATING CONCRETE BLOCK (ACB)	S.Y.	218	\$150.00	\$32,700.00	\$250.00	\$54,500.00	\$368.30	\$80,289.40
54	FILTER FABRIC	S.Y.	586	\$9.00	\$5,274.00	\$3.50	\$2,051.00	\$25.50	\$14,943.00
55	BIAXIAL GEOGRID	S.Y.	218	\$7.00	\$1,526.00	\$15.00	\$3,270.00	\$43.00	\$9,374.00

# Riverside County Flood Control & Water Conservation District

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax 951.788.9965

## Bid Abstract

**Project Name:** NORTH NORCO CHANNEL LINE NB, STAGE 3  
**Project Number:** 2-0-00145-03  
**Bid Open Date:** 7/12/2022



### ENGINEER'S ESTIMATE

### GRIFFITH COMPANY

<i>Item No.</i>	<i>Description</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Bid</i>	<i>Total Bid</i>	<i>Unit Bid</i>	<i>Total Bid</i>
47	DUST ABATEMENT	L.S.	1	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00
48	STORMWATER AND NON-STORMWATER POLLUTION CONTROL	L.S.	1	\$30,000.00	\$30,000.00	\$13,000.00	\$13,000.00
49	NON-STORMWATER DISCHARGE OR DEWATERING	L.S.	1	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
50	RELOCATE 12-INCH WATERLINE	L.S.	1	\$10,000.00	\$10,000.00	\$113,000.00	\$113,000.00
51	PRECAST REINFORCED CONCRETE BOX (PRCB) 12'W x 5'H	L.F.	63	\$1,150.00	\$72,450.00	\$2,180.00	\$137,340.00
52	PRECAST REINFORCED CONCRETE BOX (PRCB) 10'W x 6'H	L.F.	144	\$850.00	\$122,400.00	\$1,748.00	\$251,712.00
53	ARTICULATING CONCRETE BLOCK (ACB)	S.Y.	218	\$150.00	\$32,700.00	\$245.00	\$53,410.00
54	FILTER FABRIC	S.Y.	586	\$9.00	\$5,274.00	\$11.00	\$6,446.00
55	BIAXIAL GEOGRID	S.Y.	218	\$7.00	\$1,526.00	\$20.00	\$4,360.00