

**CITY OF NORTH LAS VEGAS
PUBLIC WORKS DEPARTMENT - UTILITIES DEPARTMENT
OFF-SITE IMPROVEMENT BOND AND FEE ESTIMATE**

PROJECT: CNLV #:
 LOCATION:
 ENGINEER: FIRM:
 DATE: # LOTS: # ACRES:

Public Works Department

Part 1A Subtotal (Roadway)	\$	0	
Part 1B Subtotal (Traffic)	\$	0	
Part 1C Subtotal (Drainage)	\$	0	
Part 1D Subtotal (Drainage Cont.)	\$	0	
Part 1E Subtotal (Drainage Cont.)	\$	0	
Public Works Dept. Subtotal	\$	0.00	
10% Contingency	\$	0.00	
Public Works Dept. Total	\$	0.00	(A)

Utilities Department

Part 2A Subtotal (Water)	\$	0	
Part 2B Subtotal (Sewer)	\$	0	
Utilities Dept. Subtotal	\$	0.00	
10% Contingency	\$	0.00	
Utilities Dept. Total	\$	0.00	(B)

Bond Total (A + B) \$ 0.00 (C)

Private Utility Quantities

Part 2A Subtotal (Water)	\$	0
Part 2B Subtotal (Sewer)	\$	0
Private Quantity Total	\$	0.00

Inspection Fees:

First \$25,000 @ 4.38%	\$	0.00
Next \$75,000 @ 3.50%	\$	0.00
Over \$100,000 @ 1.75%	\$	0.00
Total Inspection Fees	\$	0.00 (D)

Stormwater fees:

First acre @ \$0	\$0.00
1 to 10 acres @ \$300	\$0.00
10.01 to 30 acres @ \$600	\$0.00
Above 30 acres @ \$1000	\$0.00
Stormwater fees:	\$0.00

Plan Check Fees @ 2.50%	\$	0.00 (E)
Total Fees (D + E)	\$	0.00

FEE ALLOCATION CALCULATIONS

Public Works Dept. Fees:

Inspection Fees (min. \$56) = D x A) C =	\$	56.00
Plan Check Fees (min. \$50) = E x A) C =	\$	50.00
Public Works Dept. Total	\$	106.00

Utilities Dept. Fees

Inspection Fees (min. \$56) = D - F =	\$	56.00
Plan Check Fees (min. \$50) = E - G =	\$	50.00
Utilities Dept. Total	\$	106.00

Submitted by: Date:

Approved by: Date:

Note: City Ordinance No. 2.36.060 requires that the total fees paid be based on the total estimated off-site costs plus 10% contingency. These estimated costs may be revised by the City of North Las Vegas to reflect any changes in the scope or field conditions

PROJECT:

CNLV #:

PART 1A - PUBLIC WORKS DEPARTMENT - ROADWAY IMPROVEMENTS

ITEM	DESCRIPTION	DEDICATED QUANTITY	PRIVATE QUANTITY	UNIT	UNIT COST	PRIVATE COST	PUBLIC COST
1	Excavation			CY	\$2.50	0	
2	Type I Gravel			CY	\$11.50		
3	Type II Gravel			CY	\$11.50		
4	2-inch asphaltic concrete paving			SY	\$6.04		
5	2.5-inch asphaltic concrete paving			SY	\$7.05		
6	3-inch asphaltic concrete paving			SY	\$9.09		
7	4-inch asphaltic concrete paving			SY	\$12.12		
8	5-inch asphaltic concrete paving			SY	\$15.12		
9	6-inch asphaltic concrete paving			SY	\$17.22		
10	Open grade			SY	\$2.30		
11	Curb and gutter			LF	\$5.22		
12	Sidewalk ramp			EA	\$250.00		
13	Commercial driveway			SF	\$4.03		
14	Concrete cross gutter			SF	\$4.43		
15	Bus turn-out			EA	\$10,000.00		
16	4-inch concrete sidewalk			SF	\$1.90		
17	5-inch concrete sidewalk			SF	\$2.38		
18	Sidewalk underdrain			EA	\$1,150.00		
19	Power services			EA	\$862.50		
20	Telephone services			EA	\$250.00		
21	Gas services			EA	\$250.00		
22	Survey monuments:						
23	Type I			EA	\$650.00		
24	Type II			EA	\$450.00		
25	Type III			EA	\$300.00		
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Part 1A Subtotal \$ 0 0

PROJECT:

CNLV #:

PART 1B - PUBLIC WORKS DEPARTMENT - TRAFFIC IMPROVEMENTS

ITEM	DESCRIPTION	DEDICATED QUANTITY	PRIVATE QUANTITY	UNIT	UNIT COST	PRIVATE COST	PUBLIC COST
1	Streetlight (standard base)			EA	\$2,300.00		
2	Streetlight (concrete pole)			EA	\$3,200.00		
3	Streetlight, double arm (standard base)			EA	\$2,280.00		
4	Streetlight (breakaway base)			EA	\$3,875.00		
5	Streetlight (double arm (concrete base)			EA	\$3,900.00		
6	Adjust/relocate streetlight			EA	\$1,500.00		
7	Traffic signal pole and luminaire			EA	\$8,000.00		
8	Traffic signal foundation			EA	\$5,000.00		
9	Pullbox, #32			EA	\$150.00		
10	Pullbox, #5			EA	\$200.00		
11	Pullbox, #7			EA	\$250.00		
12	Pullbox, P30			EA	\$200.00		
13	Pullbox, Type 200			EA	\$500.00		
14	Adjust utility box			EA	\$250.00		
15	Adjust pullbox			EA	\$50.00		
16	Streetlight conduit, 13 -inch			LF	\$5.00		
17	Conduit, 2-inch			LF	\$5.00		
18	SL 125 amp service			EA	\$1,750.00		
19	SL 125 amp service			EA	\$2,000.00		
20	Streetlight SP/RCOC			EA	\$700.00		
21	3-inch fiber optic conduit			LF	\$6.00		
22	4-inch fiber optic conduit			LF	\$10.00		
23	Street signs			EA	\$150.00		
24	Pavement striping - arterial			LF	\$12.00		
25	Pavement striping - collector			LF	\$7.00		
26	4-inch wide white painted line			LF	\$0.10		
27	8-inch wide white painted line			LF	\$0.20		
28	Film for crosswalks, striping, etc.			SF	\$7.50		
29	Signal underground, per quadrant			EA	\$20,000.00		
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Part 1B Subtotal \$						0	0

PROJECT: _____ CNLV #: _____

PART 1C - PUBLIC WORKS DEPARTMENT - DRAINAGE IMPROVEMENTS

ITEM	DESCRIPTION	DEDICATED QUANTITY	PRIVATE QUANTITY	UNIT	UNIT COST	PRIVATE COST	PUBLIC COST
1	12-inch storm sewer pipe			LF	\$30.00		
2	18-inch storm sewer pipe			LF	\$45.00		
3	24-inch storm sewer pipe			LF	\$55.00		
4	30-inch storm sewer pipe			LF	\$75.00		
5	36-inch storm sewer pipe			LF	\$90.00		
6	42-inch storm sewer pipe			LF	\$105.00		
7	48-inch storm sewer pipe			LF	\$125.00		
8	52-inch storm sewer pipe			LF	\$145.00		
9	60-inch storm sewer pipe			LF	\$165.00		
10	72-inch storm sewer pipe			LF	\$175.00		
11	4-foot Type A drop inlet			EA	\$2,500.00		
12	4-foot Type C drop inlet			EA	\$3,300.00		
13	6-foot Type A drop inlet			EA	\$3,000.00		
14	6-foot Mod. Type C drop inlet			EA	\$3,900.00		
15	8-foot Type A drop inlet			EA	\$3,500.00		
16	8-foot Mod. Type C drop inlet			EA	\$4,500.00		
17	10-foot Type A drop inlet			EA	\$4,000.00		
18	10-foot Mod. Type C drop inlet			EA	\$5,200.00		
19	12-foot Mod. Type C drop inlet			EA	\$6,000.00		
20	15-foot Mod. Type C drop inlet			EA	\$7,500.00		
21	18-foot Mod. Type C drop inlet			EA	\$9,000.00		
22	20-foot Mod. Type C drop inlet			EA	\$10,000.00		
23	NDOT Type 3 drop inlet			EA	\$3,500.00		
24	24-inch beehive inlet			EA	\$2,000.00		
25	Relocate drop inlet			EA	\$5,000.00		
26	60-inch SD manhole (<6')			EA	\$1,100.00		
27	60-inch SD manhole (≥6')			EA	\$2,200.00		
28	Geotextile fabric			SY	\$5.00		
29	6-inch bleeder line			LF	\$20.00		
30	Drainage easement - concrete			SF	\$7.50		
31	Drainage easement - wrought iron fence			SF	\$30.00		
32	Drainage easement - bollards			EA	\$250.00		
33	3' x 2' reinforced concrete box			LF	\$105.00		
34	3' x 3' reinforced concrete box			LF	\$115.00		
35	4' x 2' reinforced concrete box			LF	\$113.00		
Part 1C Subtotal \$						0	0

PROJECT:

CNLV #:

PART 1D - PUBLIC WORKS DEPARTMENT - DRAINAGE IMPROVEMENTS (Cont.)

ITEM	DESCRIPTION	DEDICATED QUANTITY	PRIVATE QUANTITY	UNIT	UNIT COST	PRIVATE COST	PUBLIC COST
36	4' x 3' reinforced concrete box			LF	\$122.00		
37	4' x 4' reinforced concrete box			LF	\$127.00		
38	5' x 3' reinforced concrete box			LF	\$144.00		
39	5' x 4' reinforced concrete box			LF	\$147.00		
40	5' x 5' reinforced concrete box			LF	\$158.00		
41	6' x 3' reinforced concrete box			LF	\$165.00		
42	6' x 4' reinforced concrete box			LF	\$180.00		
43	6' x 5' reinforced concrete box			LF	\$189.00		
44	6' x 6' reinforced concrete box			LF	\$200.00		
45	7' x 4' reinforced concrete box			LF	\$211.00		
46	7' x 5' reinforced concrete box			LF	\$216.00		
47	7' x 6' reinforced concrete box			LF	\$224.00		
48	7' x 7' reinforced concrete box			LF	\$265.00		
49	8' x 4' reinforced concrete box			LF	\$225.00		
50	8' x 5' reinforced concrete box			LF	\$231.00		
51	8' x 6' reinforced concrete box			LF	\$265.00		
52	8' x 7' reinforced concrete box			LF	\$278.00		
53	8' x 8' reinforced concrete box			LF	\$291.00		
54	9' x 5' reinforced concrete box			LF	\$293.00		
55	9' x 6' reinforced concrete box			LF	\$296.00		
56	9' x 7' reinforced concrete box			LF	\$309.00		
57	9' x 8' reinforced concrete box			LF	\$324.00		
58	9' x 9' reinforced concrete box			LF	\$336.00		
59	10' x 4' reinforced concrete box			LF	\$295.00		
60	10' x 5' reinforced concrete box			LF	\$302.00		
61	10' x 6' reinforced concrete box			LF	\$309.00		
62	10' x 7' reinforced concrete box			LF	\$318.00		
63	10' x 8' reinforced concrete box			LF	\$325.00		
64	10' x 9' reinforced concrete box			LF	\$345.00		
65	10' x 10' reinforced concrete box			LF	\$360.00		
66	11' x 4' reinforced concrete box			LF	\$318.00		
67	11' x 6' reinforced concrete box			LF	\$335.00		
68	11' x 8' reinforced concrete box			LF	\$358.00		
69	11' x 10' reinforced concrete box			LF	\$424.00		
70	11' x 11' reinforced concrete box			LF	\$495.00		

Part 1D Subtotal \$

0

0

PROJECT:

CNLV #:

PART 1E - PUBLIC WORKS DEPARTMENT - DRAINAGE IMPROVEMENTS (Cont.)

ITEM	DESCRIPTION	DEDICATED QUANTITY	PRIVATE QUANTITY	UNIT	UNIT COST	PRIVATE COST	PUBLIC COST
71	12' x 4' reinforced concrete box			LF	\$349.00		
72	12' x 6' reinforced concrete box			LF	\$349.00		
73	12' x 8' reinforced concrete box			LF	\$431.00		
74	12' x 10' reinforced concrete box			LF	\$458.00		
75	12' x 12' reinforced concrete box			LF	\$498.00		
76	Riprap (d50 = 4")			CY	\$35.00		
77	Riprap (d50 = 6")			CY	\$40.00		
78	Riprap (d50 = 8")			CY	\$47.00		
79	Riprap (d50 = 10")			CY	\$50.00		
80	Riprap (d50 = 12")			CY	\$52.00		
81	Riprap (d50 = 18")			CY	\$55.00		
82					\$350,000.00		
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Part 1E Subtotal \$ 0 0

PROJECT: _____ CNLV #: _____

PART 2A - UTILITIES DEPARTMENT - WATER IMPROVEMENTS

ITEM	DESCRIPTION	DEDICATED QUANTITY	PRIVATE QUANTITY	UNIT	UNIT COST	PRIVATE COST	PUBLIC COST
1	Water lateral			LF	\$4.00		
2	6-inch water main			LF	\$14.38		
3	8-inch water main			LF	\$17.25		
4	10-inch water main			LF	\$23.00		
5	12-inch water main			LF	\$28.75		
6	14-inch water main			LF	\$34.50		
7	16-inch water main			LF	\$41.40		
8	18-inch water main			LF	\$48.30		
9	20-inch water main			LF	\$57.50		
10	24-inch water main			LF	\$63.25		
11	30-inch water main			LF	\$69.00		
12	36-inch water main			LF	\$74.75		
13	60-inch water main			LF	\$115.00		
14	6-inch ductile iron pipe			LF	\$30.00		
15	8-inch ductile iron pipe			LF	\$35.00		
16	10-inch ductile iron pipe			LF	\$40.00		
17	12-inch ductile iron pipe			LF	\$45.00		
18	14-inch ductile iron pipe			LF	\$55.00		
19	16-inch ductile iron pipe			LF	\$65.00		
20	18-inch ductile iron pipe			LF	\$72.00		
21	20-inch ductile iron pipe			LF	\$79.00		
22	24-inch ductile iron pipe			LF	\$86.00		
23	30-inch ductile iron pipe			LF	\$95.00		
24	36-inch ductile iron pipe			LF	\$105.00		
25	Irrigation sleeves			LF	\$15.00		
26	Fire hydrant			EA	\$2,070.00		
27	Fire hydrant relocation			EA	\$1,725.00		
28	Water service w/ meter			EA	\$250.00		
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35							
Part 2A Subtotal \$						0	0

PROJECT:

CNLV #:

PART 2B - UTILITIES DEPARTMENT - SEWER IMPROVEMENTS

ITEM	DESCRIPTION	DEDICATED QUANTITY	PRIVATE QUANTITY	UNIT	UNIT COST	PRIVATE COST	PUBLIC COST
1	6-inch sewer			LF	\$14.95		
2	8-inch sewer			LF	\$17.25		
3	10-inch sewer			LF	\$23.00		
4	12-inch sewer			LF	\$30.00		
5	15-inch sewer			LF	\$35.00		
6	18-inch sewer			LF	\$47.50		
7	21-inch sewer			LF	\$60.00		
8	24-inch sewer			LF	\$70.00		
9	27-inch sewer			LF	\$80.00		
10	30-inch sewer			LF	\$90.00		
11	21-inch sewer			LF	\$18.00		
12	6-inch sewer, C900			LF	\$18.00		
13	8-inch sewer, C900			LF	\$22.00		
14	10-inch sewer, C900			LF	\$30.00		
15	12-inch sewer, C900			LF	\$40.00		
16	15-inch sewer, C900			LF	\$45.00		
17	18-inch sewer, C900			LF	\$60.00		
18	21-inch sewer, C900			LF	\$75.00		
19	24-inch sewer, C900			LF	\$87.00		
20	27-inch sewer, C900			LF	\$100.00		
21	30-inch sewer, C900			LF	\$110.00		
22	15-inch steel sleeve			LF	\$70.00		
23	18-inch steel sleeve			LF	\$100.00		
24	30-inch steel sleeve			LF	\$150.00		
25	Sewer manhole (< 6')			EA	\$1,035.00		
26	Sewer manhole (\$ 6')			EA	\$2,070.00		
27	Sewer manhole T-lock			EA	\$3,400.00		
28	Deep sewer drop manhole			EA	\$7,500.00		
29	Deep sewer manhole (> 18')			EA	\$7,000.00		
30	Deep 60" manhole T-lock (< 30')			EA	\$15,000.00		
31	Backwater valves			EA	\$300.00		
32	Sewer manhole adjustments			EA	\$715.00		
33	Sewer service			EA	\$250.00		
34							
35							
Part 2B Sub-Total \$						0	0

Revised 6/30/2009