

CITY OF HENDERSON
BOND AND INSPECTION FEE FORM

See last page for additional information / instructions

PROJECT NAME _____

DATE _____

ENGINEERING COMPANY _____

CALCULATED BY _____

DEVELOPER _____

PERMIT # _____

Item	Description	Unit	Public Quantity	Private Quantity	Unit Price	Bond Amount	Total Cost
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STREET

1	2" Asphalt Paving	sy			6.04	\$	\$ -
2	3" Asphalt Paving	sy			9.09	\$	\$ -
3	4" Asphalt Paving	sy			12.11	\$	\$ -
4	5" Asphalt Paving	sy			15.12	\$	\$ -
5	6" Asphalt Paving	sy			18.90	\$	\$ -
6	Type I Gravel Base	cy			11.50	\$	\$ -
7	Type II Gravel Base	cy			11.50	\$	\$ -
8	Open Grade	sy			2.30	\$	\$ -
9	Subgrade	sy			2.50	\$	\$ -
10	Excavation in Right-of-Way	cy			2.90	\$	\$ -
11	Curb & Gutter - "L" Type	lf			5.40	\$	\$ -
12	Curb & Gutter - Roll	lf			6.52	\$	\$ -
13	Driveway - Residential	sf			4.03	\$	\$ -
14	Driveway - Commercial	sf			4.03	\$	\$ -
15	Sidewalk - 4"	sf			2.15	\$	\$ -
16	Sidewalk - 5"	sf			2.38	\$	\$ -
17	Valley Gutter	sf			5.00	\$	\$ -
18	Sidewalk Underdrain	ea			1,150.00	\$	\$ -
19	Handicap Ramp	ea			250.00	\$	\$ -

TRAFFIC

20	Streetlight - Standard	ea			2,300.00	\$	\$ -
21	Streetlight - Concrete Pole	ea			3,200.00	\$	\$ -
22	Streetlight - Double Arm Std Base	ea			2,400.00	\$	\$ -
23	Streetlight - Double Arm Conc Base	ea			3,900.00	\$	\$ -
24	Streetlight - Breakaway Base	ea			2,875.00	\$	\$ -
25	Relocate Streetlight	ea			1,500.00	\$	\$ -
26	Streetlight - SP/RCOC	ea			700.00	\$	\$ -
27	Steel Conduit - 1.25"	lf			5.00	\$	\$ -
28	Steel Conduit - 2"	lf			5.00	\$	\$ -
29	Streetlight SP - 125 Amp	ea			2,000.00	\$	\$ -
30	Streetlight SP - 200 Amp	ea			2,000.00	\$	\$ -
31	Traffic Signal Pole & Arm	ea			75,000.00	\$	\$ -
32	Traffic Signal Complete Installed	ea			250,000.00	\$	\$ -
33	Traffic Signal 3" Interconnect Cond.	lf			6.00	\$	\$ -
34	Traffic Signal 4" Interconnect Cond.	lf			10.00	\$	\$ -
35	Concrete Barricade	ea			40.00	\$	\$ -
36	Type III Barricade	ea			650.00	\$	\$ -
37	Pullbox - #3	ea			150.00	\$	\$ -
38	Pullbox - #7	ea			150.00	\$	\$ -
39	Pullbox - P30	ea			550.00	\$	\$ -
40	Pullbox - P200	ea			1,600.00	\$	\$ -
41	Adjust Pullbox	ea			50.00	\$	\$ -
42	Adjust Utility Box	ea			250.00	\$	\$ -
43	Bus Stop Shelter	ea			7,000.00	\$	\$ -
44	Relocate Bus Stop Shelter	ea			3,750.00	\$	\$ -
45	Bus Turnout	sf			5.00	\$	\$ -
46	Pavement Buttons	ea			1.75	\$	\$ -
47	Pavement Striping - Arterial	lf			12.00	\$	\$ -
48	Pavement Striping - Collector	lf			7.00	\$	\$ -
49	Street & Stop Signs	ea			110.00	\$	\$ -

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WATER AND SEWER							
50	4" Sewer	lf			11.50	\$	\$ -
51	6" Sewer	lf			14.95	\$	\$ -
52	8" Sewer	lf			17.25	\$	\$ -
53	10" Sewer	lf			23.00	\$	\$ -
54	12" Sewer	lf			30.00	\$	\$ -
55	15" Sewer or Larger	lf				\$	\$ -
56	Sewer C900	lf				\$	\$ -
57	4" Sewer & Lateral in Paved Area	lf			15.00	\$	\$ -
58	8" Sewer in Paved Area	lf			22.50	\$	\$ -
59	10" Sewer in Paved Area	lf			30.00	\$	\$ -
60	Steel Pipe Sleeve	lf				\$	\$ -
61	Abandon Public Sewer	lf			40.00	\$	\$ -
62	Flowable Backfill	cy			40.00	\$	\$ -
63	Sewer Concrete Encasement	lf			18.15	\$	\$ -
64	Sewer Manholes < 6 feet	ea			1,035.00	\$	\$ -
65	Sewer Manholes > 6', < 18'	ea			2,070.00	\$	\$ -
66	Sewer Manhole > 18'	ea			7,000.00	\$	\$ -
67	Sewer Drop Manhole	ea			7,500.00	\$	\$ -
68	Sewer Manhole T-Lock < 18'	ea			3,400.00	\$	\$ -
69	Sewer Manhole T-Lock > 18'	ea			15,000.00	\$	\$ -
70	Deep 60" Manhole T-Lock < 30'	ea			15,000.00	\$	\$ -
71	Sewer Manhole Adjustment	ea			715.00	\$	\$ -
72	Backwater Valve	ea			300.00	\$	\$ -
73	Water Service to Lots	ea			575.00	\$	\$ -
74	2" Water	lf			8.00	\$	\$ -
75	4" Water	lf			11.50	\$	\$ -
76	6" Water	lf			14.38	\$	\$ -
77	8" Water	lf			17.25	\$	\$ -
78	10" Water	lf			23.00	\$	\$ -
79	12" Water	lf			28.75	\$	\$ -
80	14" Water	lf			34.50	\$	\$ -
81	16" Water	lf			41.40	\$	\$ -
82	16" and Larger Water	lf				\$	\$ -
83	4" Water DIP	lf				\$	\$ -
84	Water - DIP	lf				\$	\$ -
85	6" Water in Paved Area	lf			18.75	\$	\$ -
86	8" Water in Paved Area	lf			22.50	\$	\$ -
87	10" Water in Paved Area	lf			30.00	\$	\$ -
88	12" Water in Paved Area	lf			37.50	\$	\$ -
89	Water Lateral	lf			4.00	\$	\$ -
90	Irrigation Sleeve	lf			15.00	\$	\$ -
91	Landscape Water Service	ea			750.00	\$	\$ -
92	Fire Hydrant	ea			2,070.00	\$	\$ -
93	Fire Hydrant Relocation	ea			1,725.00	\$	\$ -
DRAINAGE							
94	18" Storm Drain	lf			55.00	\$	\$ -
95	24" Storm Drain	lf			70.00	\$	\$ -
96	30" Storm Drain	lf			75.00	\$	\$ -
97	36" Storm Drain	lf			90.00	\$	\$ -
98	42" Storm Drain	lf			105.00	\$	\$ -
99	48" Storm Drain	lf			125.00	\$	\$ -
100	52" Storm Drain	lf			145.00	\$	\$ -
101	60" Storm Drain	lf			155.00	\$	\$ -
102	Storm Drain > 60"	lf				\$	\$ -
103	Abandon Public Storm Drain	lf			50.00	\$	\$ -
104	Storm Drain Concrete Encasement	lf			34.25	\$	\$ -
105	Drop Inlet 4' Type "A"	ea			2,500.00	\$	\$ -
106	Drop Inlet 4' Type "C"	ea			3,300.00	\$	\$ -

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107	Drop Inlet 6' Type "A"	ea			3,000.00	\$	\$ -
108	Drop Inlet 6' Type "C"	ea			3,500.00	\$	\$ -
109	Drop Inlet 6' CM2	ea			3,900.00	\$	\$ -
110	Drop Inlet 8' Type "A"	ea			3,500.00	\$	\$ -
111	Drop Inlet 8' CM2	ea			4,500.00	\$	\$ -
112	Drop Inlet 10' Type "A"	ea			4,000.00	\$	\$ -
113	Drop Inlet 10' CM2	ea			5,200.00	\$	\$ -
114	Drop Inlet 12' CM2	ea			6,000.00	\$	\$ -
115	Drop Inlet 15' CM2	ea			7,500.00	\$	\$ -
116	Drop Inlet 18' CM2	ea			9,000.00	\$	\$ -
117	Drop Inlet 20' CM2	ea			10,000.00	\$	\$ -
118	Drop Inlet 24" Beehive	ea			2,000.00	\$	\$ -
119	Drop Inlet 2X2 Jensen	ea			3,000.00	\$	\$ -
120	Drop Inlet NDOT Type 2	ea			3,500.00	\$	\$ -
121	Drop Inlet NDOT Type 3	ea			3,500.00	\$	\$ -
122	Remove Drop Inlet	ea			5,000.00	\$	\$ -
123	Relocate Drop Inlet	ea			5,000.00	\$	\$ -
124	Floodwall	lf				\$	\$ -
125	Drainage Easement - Grass	sf			4.50	\$	\$ -
126	Drainage Easement - Concrete	sf			7.50	\$	\$ -
127	Drainage Easement - Bollard	ea			250.00	\$	\$ -
128	Drainage Easement - Wrought Iron	sf			30.00	\$	\$ -
129	Storm Drain Manhole - 48"	ea			3,500.00	\$	\$ -
130	Storm Drain Manhole - 60" < 6'	ea			3,500.00	\$	\$ -
131	Storm Drain Manhole - 60" > 6'	ea			4,000.00	\$	\$ -
132	Storm Drain Manhole - 72"	ea			2,500.00	\$	\$ -
133	Storm Drain Manhole - > 18' Deep	ea			4,500.00	\$	\$ -
134	Rip-rap	cy				\$	\$ -
135	Grouted Rip-rap	cy				\$	\$ -
136	Geotextile Erosion Control	sy				\$	\$ -
137	Gabions	cy				\$	\$ -
138	Shotcrete	cy				\$	\$ -
139	Reinforced Box Culverts	lf				\$	\$ -
140	Abandon Public RCB	lf			100.00	\$	\$ -
TRENCHING AND EMBANKMENT							
141	Excavation & Embankments	cy			2.50	\$	\$ -
142	Miscellaneous Trenching	lf			5.00	\$	\$ -
MISCELLANEOUS							
143	Power to Lots	ea			862.50	\$	\$ -
144	Telephone to Lots	ea			250.00	\$	\$ -
145	Cable to Lots	ea			250.00	\$	\$ -
146	Gas to Lots	ea			500.00	\$	\$ -
147	Survey Monuments	ea			465.00	\$	\$ -
148	As-Built Drawings (per page)	ea			100.00	\$	\$ -
149	Number of Sheets in Plan Set	ea			15.00		
150	Fire Service (FDC)	ea			459.00		
CUSTOM (use for construction quantities not covered by standard list above)							
151						\$	\$ -
152						\$	\$ -
153						\$	\$ -
154						\$	\$ -
155						\$	\$ -
156						\$	\$ -
157						\$	\$ -
158						\$	\$ -
159						\$	\$ -
160						\$	\$ -
161						\$	\$ -
162						\$	\$ -

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Item	Description	Unit	Public Quantity	Private Quantity	Unit Price	Bond Amount	Total Cost
163						\$	\$ -
164						\$	\$ -
165						\$	\$ -

PLAN CHECK AND INSPECTION FEES

(Based on Total Estimated Construction Cost):

First \$ 25,000 (7.5%)	
Next \$75,000 (6.5%)	
Over \$100,000 (4.3%)	
Plan Check (2.25%)	
Plan Reproduction Fee	
# of sheets 0 X \$15.00	
Imp. Agreements	\$50.00
Expedited Plan Check	
TOTAL #1	
Fire Dept. Fees	\$765+(\$459 x FDC/Hydrants)
Fees (from TOTAL #1)	
Less: Initial Submittal Fee Paid	
TOTAL FEES DUE	

BOND AMOUNT

(Based on Public Construction Cost):

TOTAL ESTIMATED CONSTRUCTION COST	
PRIVATE CONSTRUCTION COST	
PUBLIC CONSTRUCTION COST	
Contingencies (10%)	
TOTAL BOND REQUIRED	
EXPEDITED (Mark X)	YES > _____
APPROVAL DATE	_____
ESTIMATED EXPEDITED REVIEW FEE	
REVIEW TARGET MET (Mark X)	YES (4x PC) _____
	NO (2x PC) _____
SUBMITTAL FEE	

Commercial and Multi-Family projects must provide both Public (off-site) and Private (on-site) Quantities when applicable. However, plan check and inspection fees for private quantities are only assessed against water, sewer and drainage infrastructure, not private on-site pavement in parking areas or drive aisles, curbing, sidewalk, lighting, signage, striping, etc. The private column is blocked for those categories.

All single-family residential subdivisions, whether Public or Private streets, are inspected and bonded as if Public. Use only the public column for all residential project quantities.