CITY OF APPLETON Department of Public Works

MEMORANDUM

TO: Finance Comming Municipal Service Utilities Comming Utilities Comming SUBJECT: Award of Contract	ces Committee							
The Department of Public Wor	ks recommends that the following described work:							
U-17 Oneida Street Sewer & Wa								
Be awarded to: Name: Dorner, Inc.								
Address: E506 Luxemburg Road								
Luxemburg,	, WI 54217							
In the amount of :	2,334,435.50							
With a 5.25 % contingency	y of :\$122,500.00							
For a project total not to exceed	1: \$2,456,935.50							
** OR **								
In an amount Not To Exceed:								
Budget:	\$2,921,897.00							
Estimate:	\$2,785,519.00							
Committee Date:								
Council Date:	03/01/17							

ONEIDA STREET SEWER & WATERMAIN RECONSTRUCTION NO. 2 BID TABULATION - Unit U-17

February 1, 2017

.~~				Dorne		PTS Contractors		Advance Construction	
ITEM	<u>DESCRIPTION</u>	Quantity	<u>Units</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>	Unit Price	<u>Total</u>
1.	Furnish & Install 42" Water Main	358	lin.ft.	\$1,100.00	\$393,800.00	\$1,274.00	\$456,092.00	\$1,045.00	\$374,110.00
2.	Furnish & Install 12" Water Main	240	lin.ft.	\$175.00	\$42,000.00	\$249.00	\$59,760.00	\$300.00	\$72,000.00
3.	Furnish & Install 8" Water Main	80	lin.ft.	\$150.00	\$12,000.00	\$206.00	\$16,480.00	\$178.00	\$14,240.00
4.	Furnish & Install 6" Hydrant Lead	155	lin.ft.	\$110.00	\$17,050.00	\$99.00	\$15,345.00	\$122.00	\$18,910.00
5.	Furnish & Install Hydrant	10	ea.	\$3,500.00	\$35,000.00	\$4,872.00	\$48,720.00	\$4,600.00	\$46,000.00
6.	Relocate Hydrant	3	ea.	\$825.00	\$2,475.00	\$1,153.00	\$3,459.00	\$2,900.00	\$8,700.00
7.	Remove Hydrant	2	ea.	\$175.00	\$350.00	\$574.00	\$1,148.00	\$600.00	\$1,200.00
8.	Furnish & Install 12" Gate Valve with Box	15	ea.	\$4,000.00	\$60,000.00	\$4,398.00	\$65,970.00	\$4,200.00	\$63,000.00
9.	Furnish & Install 8" Gate Valve with Box	2	ea.	\$1,400.00	\$2,800.00	\$1,278.00	\$2,556.00	\$1,311.00	\$2,622.00
10.	Furnish & Install 6" Gate Valve with Box	12	ea.	\$1,020.00	\$12,240.00	\$910.00	\$10,920.00	\$955.00	\$11,460.00
11.	Furnish & Install 42" Bend	14	ea.	\$6,550.00	\$91,700.00	\$9,014.00	\$126,196.00	\$7,000.00	\$98,000.00
12.	Furnish & Install 12" Bend	2	ea.	\$650.00	\$1,300.00	\$476.00	\$952.00	\$460.00	\$920.00
13.	Furnish & Install 8" Bend	2	ea.	\$360.00	\$720.00	\$300.00	\$600.00	\$264.00	\$528.00
14.	Furnish & Install 6" Bend	2	ea.	\$300.00	\$600.00	\$248.00	\$496.00	\$192.00	\$384.00
15.	Furnish & Install 2" Service	10	lin.ft.	\$135.00	\$1,350.00	\$145.00	\$1,450.00	\$129.00	\$1,290.00
16.	Furnish & Install 1 1/2" Service	10	lin.ft.	\$135.00	\$1,350.00	\$141.00	\$1,410.00	\$125.00	\$1,250.00
17.	Furnish & Install 1" Service	45	lin.ft.	\$135.00	\$6,075.00	\$138.00	\$6,210.00	\$123.00	\$5,535.00
18.	Service Connection	12	ea.	\$919.00	\$11,028.00	\$476.00	\$5,712.00	\$745.00	\$8,940.00
19.	Service Abandonment	5	ea.	\$500.00	\$2,500.00	\$750.00	\$3,750.00	\$800.00	\$4,000.00
20.	Furnish & Install 12" Sanitary Sewer	2,015	lin.ft.	\$143.00	\$288,145.00	\$125.00	\$251,875.00	\$189.00	\$380,835.00
21.	Furnish & Install 10" Sanitary Sewer	95	lin.ft.	\$110.00	\$10,450.00	\$128.00	\$12,160.00	\$194.00	\$18,430.00
22.	Furnish & Install 8" Sanitary Sewer	105	lin.ft.	\$113.00	\$11,865.00	\$127.00	\$13,335.00	\$183.00	\$19,215.00
23.	Furnish & Install 4"/6" Sanitary Lateral	520	lin.ft.	\$111.00	\$57,720.00	\$91.00	\$47,320.00	\$113.00	\$58,760.00
24.	Furnish & Install Sanitary Manhole	136	vert.ft.	\$299.00	\$40,664.00	\$271.00	\$36,856.00	\$250.00	\$34,000.00
25.	Furnish & Install Sanitary Outside Drop Manhole	5	vert.ft.	\$568.00	\$2,840.00	\$365.00	\$1,825.00	\$428.00	\$2,140.00
26.	Furnish & Install Sanitary Manhole Casting	12	ea.	\$403.00	\$4,836.00	\$494.00	\$5,928.00	\$400.00	\$4,800.00
27.	Sanitary Lateral Reconnect	15	ea.	\$100.00	\$1,500.00	\$279.00	\$4,185.00	\$300.00	\$4,500.00
28.	Furnish & Install 60" Storm Sewer	1,300	lin.ft.	\$340.00	\$442,000.00	\$412.00	\$535,600.00	\$367.00	\$477,100.00
29.	Furnish & Install 48" Storm Sewer	755	lin.ft.	\$291.00	\$219,705.00	\$219.00	\$165,345.00	\$283.00	\$213,665.00
30.	Furnish & Install 42" Storm Sewer	515	lin.ft.	\$193.00	\$99,395.00	\$165.00	\$84,975.00		\$124,630.00
31.	Furnish & Install 36" Storm Sewer	305	lin.ft.	\$154.00	\$46,970.00	\$171.00	\$52,155.00		\$60,085.00
32.	Furnish & Install 30" Storm Sewer	55	lin.ft.	\$197.00	\$10,835.00	\$242.00	\$13,310.00		\$10,835.00
33.	Furnish & Install 27" Storm Sewer	50	lin.ft.	\$166.00	\$8,300.00		\$8,500.00		\$9,450.00
34.	Furnish & Install 24" Storm Sewer	50	lin.ft.	\$122.00	\$6,100.00		\$10,400.00		\$8,900.00
35.	F	80	lin.ft.	\$59.00	\$4,720.00		\$7,680.00		
	Furnish & Install 18" Storm Inlet Lead	40							\$8,800.00
		40	lin.ft.	\$61.00	\$2,440.00	\$105.00	\$4,200.00	\$115.00	\$4,600.00

ONEIDA STREET SEWER & WATERMAIN RECONSTRUCTION NO. 2 BID TABULATION - Unit U-17

February 1, 2017

	rebruary 1, 2017		1	Dorne	r j	PTS Contractors		Advance Construction	
ITEM	DESCRIPTION	Quantity	<u>Units</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
37.	Furnish & Install 15" Storm Inlet Lead	70	lin.ft.	\$56.00	\$3,920.00	\$80.00	\$5,600.00	\$110.00	\$7,700.00
38.	Furnish & Install 12" Storm Inlet Lead	310	lin.ft.	\$52.00	\$16,120.00	\$73.00	\$22,630.00	\$109.00	\$33,790.00
39.	Furnish & Install 15" Storm Lateral	90	lin.ft.	\$89.00	\$8,010.00	\$72.00	\$6,480.00	\$110.00	\$9,900.00
40.	Furnish & Install 12" Storm Lateral	135	lin.ft.	\$65.00	\$8,775.00	\$70.00	\$9,450.00	\$109.00	\$14,715.00
41.	Furnish & Install 10" Storm Lateral	270	lin.ft.	\$87.00	\$23,490.00	\$59.00	\$15,930.00	\$100.00	\$27,000.00
42.	Furnish & Install 8" Storm Lateral	345	lin.ft.	\$97.00	\$33,465.00	\$59.00	\$20,355.00	\$95.00	\$32,775.00
43.	Furnish & Install 6" Storm Lateral	290	lin.ft.	\$91.00	\$26,390.00	\$57.00	\$16,530.00	\$80.00	\$23,200.00
44.	Furnish & Install Storm Box Manhole 9.5'x5.5'x7.6 vert ft.	1	ea.	\$9,511.00	\$9,511.00	\$9,960.00	\$9,960.00	\$11,800.00	\$11,800.00
45.	Furnish & Install Storm Box Manhole 7.5'x6'x8 vert.ft.	1	ea.	\$8,180.00	\$8,180.00	\$9,450.00	\$9,450.00	\$11,000.00	\$11,000.00
46.	Furnish & Install Storm Box Manhole 7.25'x6'x7 vert.ft.	1	ea.	\$7,749.00	\$7,749.00	\$9,044.00	\$9,044.00	\$10,400.00	\$10,400.00
47.	Furnish & Install Storm Box Manhole 7'x5.5'x7 vert.ft.	5	ea.	\$7,548.00	\$37,740.00	\$8,950.00	\$44,750.00	\$10,200.00	\$51,000.00
48.	Furnish & Install Storm Box Manhole 6'x5.5'x7 vert.ft.	1	ea.	\$6,365.00	\$6,365.00	\$8,372.00	\$8,372.00	\$9,450.00	\$9,450.00
49.	Furnish & Install Storm Box Manhole 6'x5.5'x6 vert.ft.	2	ea.	\$5,993.00	\$11,986.00	\$8,061.00	\$16,122.00	\$8,950.00	\$17,900.00
50.	Furnish & Install 8' Dia. Storm Manhole	9	vert.ft.	\$849.00	\$7,641.00	\$1,017.00	\$9,153.00	\$934.00	\$8,406.00
51.	Furnish & Install 7' Dia. Storm Manhole	17.5	vert.ft.	\$1,297.00	\$22,697.50	\$988.00	\$17,290.00	\$1,139.00	\$19,932.50
52.	Furnish & Install 6' Dia. Storm Manhole	10	vert.ft.	\$344.00	\$3,440.00	\$472.00	\$4,720.00	\$426.00	\$4,260.00
53.	Furnish & Install 5' Dia. Storm Manhole	29	vert.ft.	\$364.00	\$10,556.00	\$385.00	\$11,165.00	\$484.00	\$14,036.00
54.	Furnish & Install 4' Dia. Storm Manhole	177	vert.ft.	\$123.00	\$21,771.00	\$187.00	\$33,099.00	\$135.00	\$23,895.00
55.	Furnish & Install "E" Inlet w/Casting	5	ea.	\$1,572.00	\$7,860.00	\$1,623.00	\$8,115.00	\$1,888.00	\$9,440.00
56.	Furnish & Install Storm Manhole Casting	21	ea.	\$390.00	\$8,190.00	\$481.00	\$10,101.00	\$364.00	\$7,644.00
57.	Storm Lateral Connection	29	ea.	\$140.00	\$4,060.00	\$226.00	\$6,554.00	\$175.00	\$5,075.00
58.	Furnish & Install Flowable Fill	65	cu.yd.	\$96.00	\$6,240.00	\$81.00	\$5,265.00	\$90.00	\$5,850.00
59.	Furnish & Install Extra Stone Bedding	400	ton	\$11.00	\$4,400.00	\$10.75	\$4,300.00	\$15.00	\$6,000.00
60.	Contaminated Soil Removal	15	ton	\$15.00	\$225.00	\$114.00	\$1,710.00	\$15.00	\$225.00
61.	Furnish & Install Type "D-M" Inlet Protection	60	ea.	\$134.00	\$8,040.00	\$86.00	\$5,160.00	\$120.00	\$7,200.00
62.	Furnish Maintain Temporary Traffic Control	1	lump sum	\$51,752.00	\$51,752.00	\$50,173.00	\$50,173.00	\$75,500.00	\$75,500.00
63.	Furnish Maintain Message Board	70	day	\$105.00	\$7,350.00	\$101.00	\$7,070.00	\$100.00	\$7,000.00
64.	Furnish & Paint Pavement Marking (Yellow Paint) (4")	5,400	lin.ft.	\$0.40	\$2,160.00	\$0.35	\$1,890.00	\$0.35	\$1,890.00
65.	Furnish & Paint Pavement Marking (White Paint) (4")	3,900	lin.ft.	\$0.45	\$1,755.00	\$0.40	\$1,560.00	\$0.40	\$1,560.00
66.	Furnish & Paint Pavement Marking Channelization (8")	1,000	lin.ft.	\$0.65	\$650.00	\$0.60	\$600.00	\$0.60	\$600.00
67.	Furnish & Paint Pavement Marking Crosswalk (6")	650	lin.ft.	\$2.00	\$1,300.00	\$1.90	\$1,235.00	\$1.87	\$1,215.50
68.	Furnish & Paint Pavement Marking Stop Line (18"/24")	240	lin.ft.	\$2.10	\$504.00	\$2.00	\$480.00		\$480.00
69.	Furnish & Paint Pavement Marking Arrow Symbols/Text	24	ea.	\$155.00	\$3,720.00	\$145.00	\$3,480.00		\$3,480.00
70.	Remove/Cover Existing Pavement Marking	6,350	lin.ft.	\$0.80	\$5,080.00	\$0.75	\$4,762.50		\$4,762.50
71.	Remove/Cover Existing Pavement Symbols/Text	4	ea.	\$130.00	\$520.00		\$504.00		\$500.00

\$2,334,435.50

\$2,465,934.50

\$2,643,415.50

ONEIDA STREET SEWER & WATERMAIN RECONSTRUCTION NO. 2 BID TABULATION - Unit U-17 February 1, 2017

	February 1, 2017		,	Vinton Cono	twistian I	Kananah Cana		0-4 5	
ITEM	DESCRIPTION	Quantity	<u>Units</u>	Vinton Cons Unit Price	Total	Kruczek Const Unit Price	Total	Carl Bowers & Unit Price	Total
1.	Furnish & Install 42" Water Main	358	lin.ft.	\$1,126.00	\$403,108.00	\$1,425.00	\$510,150.00	\$1,000.00	\$358,000.00
2.	Furnish & Install 12" Water Main	240	lin.ft.	\$276.00	\$66,240.00	\$233.00	\$55,920.00	\$150.00	\$36,000.00
3.	Furnish & Install 8" Water Main	80	lin.ft.	\$222.00	\$17,760.00	\$145.00	\$11,600.00	\$140.00	\$11,200.00
4.	Furnish & Install 6" Hydrant Lead	155	lin.ft.	\$165.00	\$25,575.00	\$122.00	\$18,910.00	\$110.00	\$17,050.00
5.	Furnish & Install Hydrant	10	ea.	\$4,497.00	\$44,970.00	\$4,500.00	\$45,000.00	\$3,400.00	\$34,000.00
6.	Relocate Hydrant	3	ea.	\$2,165.00	\$6,495.00	\$1,800.00	\$5,400.00	\$2,800.00	\$8,400.00
7.	Remove Hydrant	2	ea.	\$1,000.00	\$2,000.00	\$900.00	\$1,800.00	\$1,200.00	\$2,400.00
8.	Furnish & Install 12" Gate Valve with Box	15	ea.	\$4,867.00	\$73,005.00	\$3,000.00	\$45,000.00	\$5,400.00	\$81,000.00
9.	Furnish & Install 8" Gate Valve with Box	2	ea.	\$1,443.00	\$2,886.00	\$1,450.00	\$2,900.00	\$4,500.00	\$9,000.00
10.	Furnish & Install 6" Gate Valve with Box	12	ea.	\$1,033.00	\$12,396.00	\$1,000.00	\$12,000.00	\$2,000.00	\$24,000.00
11.	Furnish & Install 42" Bend	14	ea.	\$12,136.00	\$169,904.00	\$9,800.00	\$137,200.00	\$10,000.00	\$140,000.00
12.	Furnish & Install 12" Bend	2	ea.	\$1,007.00	\$2,014.00	\$770.00	\$1,540.00	\$700.00	\$1,400.00
13.	Furnish & Install 8" Bend	2	ea.	\$535.00	\$1,070.00	\$230.00	\$460.00	\$400.00	\$800.00
14.	Furnish & Install 6" Bend	2	ea.	\$402.00	\$804.00	\$170.00	\$340.00	\$300.00	\$600.00
15.	Furnish & Install 2" Service	10	lin.ft.	\$180.00	\$1,800.00	\$105.00	\$1,050.00	\$250.00	\$2,500.00
16.	Furnish & Install 1 1/2" Service	10	lin.ft.	\$176.00	\$1,760.00	\$102.00	\$1,020.00	\$250.00	\$2,500.00
17.	Furnish & Install 1" Service	45	lin.ft.	\$173.00	\$7,785.00	\$95.00	\$4,275.00	\$150.00	\$6,750.00
18.	Service Connection	12	ea.	\$1,213.00	\$14,556.00	\$1,170.00	\$14,040.00	\$400.00	\$4,800.00
19.	Service Abandonment	5	ea.	\$1,428.00	\$7,140.00	\$1,500.00	\$7,500.00	\$800.00	\$4,000.00
20.	Furnish & Install 12" Sanitary Sewer	2,015	lin.ft.	\$161.65	\$325,724.75	\$125.00	\$251,875.00	\$200.00	\$403,000.00
21.	Furnish & Install 10" Sanitary Sewer	95	lin.ft.	\$168.00	\$15,960.00	\$123.00	\$11,685.00	\$178.00	\$16,910.00
22.	Furnish & Install 8" Sanitary Sewer	105	lin.ft.	\$171.00	\$17,955.00	\$115.00	\$12,075.00	\$176.00	\$18,480.00
23.	Furnish & Install 4"/6" Sanitary Lateral	520	lin.ft.	\$153.00	\$79,560.00	\$112.00	\$58,240.00	\$130.00	\$67,600.00
24.	Furnish & Install Sanitary Manhole	136	vert.ft.	\$353.00	\$48,008.00	\$246.00	\$33,456.00	\$350.00	\$47,600.00
25.	Furnish & Install Sanitary Outside Drop Manhole	5	vert.ft.	\$403.00	\$2,015.00	\$410.00	\$2,050.00	\$500.00	\$2,500.00
26.	Furnish & Install Sanitary Manhole Casting	12	ea.	\$376.00	\$4,512.00	\$400.00	\$4,800.00	\$400.00	\$4,800.00
27.	Sanitary Lateral Reconnect	15	ea.	\$375.00	\$5,625.00	\$730.00	\$10,950.00	\$400.00	\$6,000.00
28.	Furnish & Install 60" Storm Sewer	1,300	lin.ft.	\$376.10	\$488,930.00	\$471.00	\$612,300.00	\$500.00	\$650,000.00
29.	Furnish & Install 48" Storm Sewer	755	lin.ft.	\$290,00	\$218,950.00	\$282.00	\$212,910.00	\$350.00	\$264,250.00
30.	Furnish & Install 42" Storm Sewer	515	lin.ft.	\$238.00	\$122,570.00	\$205.00	\$105,575.00	\$340.00	\$175,100.00
31.	Furnish & Install 36" Storm Sewer	305	lin.ft.	\$197.00	\$60,085.00	\$170.00	\$51,850.00	\$330.00	\$100,650.00
32.	Furnish & Install 30" Storm Sewer	55	lin.ft.	\$266.00	\$14,630.00	\$225.00	\$12,375.00	\$220.00	\$12,100.00
33.	Furnish & Install 27" Storm Sewer	50	lin.ft.	\$261.00	\$13,050.00	\$235.00	\$11,750.00	\$210.00	\$10,500.00
34.	Furnish & Install 24" Storm Sewer	50	lin.ft.	\$245.00	\$12,250.00	\$200.00	\$10,000.00	\$130.00	\$6,500.00
35.	Furnish & Install 15" Storm Sewer	80	lin.ft.	\$142.00	\$11,360.00	\$75.00	\$6,000.00	\$150.00	\$12,000.00
36.	Furnish & Install 18" Storm Inlet Lead	40	lin.ft.	\$177.00	\$7,080.00	\$71.00	\$2,840.00	\$160.00	\$6,400.00

ONEIDA STREET SEWER & WATERMAIN RECONSTRUCTION NO. 2 BID TABULATION - Unit U-17

February 1, 2017

Section Furnish & Install 12" Storm Intel Lead		rebluary 1, 2017		I	Vinton Const	truction	Kruczek Construction Co.		Carl Bowers & Sons, Inc.	
Furnish & Install 12° Storm Intel Lead 310 In.H. 111100 1344000 136.000 317.000 310.000	ITEM	DESCRIPTION	Quantity	<u>Units</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>	Unit Price	<u>Total</u>
Furnish & Install 19" Storm Lateral 90 line 1912 1	37.	Furnish & Install 15" Storm Inlet Lead	70	lin.ft.	\$122.00	\$8,540.00	\$62.00	\$4,340.00	\$150.00	\$10,500.00
Purplish & Install 12° Storm Lateral 138 BAR 131400 180,000 181,000 191,	38.	Furnish & Install 12" Storm Inlet Lead	310	lin.ft.	\$111.00	\$34,410.00	\$58,00	\$17,980.00	\$130.00	\$40,300.00
41. Furnish & Install Form Box Manchole 9,5% Syr, 6 vert ft. 42. Furnish & Install Storm Box Manchole 9,5% Syr, 6 vert ft. 43. Furnish & Install Storm Box Manchole 9,5% Syr, 6 vert ft. 44. Furnish & Install Storm Box Manchole 9,5% Syr, 6 vert ft. 45. Furnish & Install Storm Box Manchole 9,5% Syr, 6 vert ft. 46. Furnish & Install Storm Box Manchole 9,5% Syr, 6 vert ft. 47. Furnish & Install Storm Box Manchole 9,5% Syr, 6 vert ft. 48. Furnish & Install Storm Box Manchole 7,5% Syr vert ft. 49. Furnish & Install Storm Box Manchole 7,5% Syr vert ft. 40. Furnish & Install Storm Box Manchole 7,5% Syr vert ft. 41. ea. 48. Furnish & Install Storm Box Manchole 7,5% Syr vert ft. 49. Furnish & Install Storm Box Manchole 7,5% Syr vert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 7,5% Syr vert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Box Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Manchole 6,5,5% dvert ft. 40. ea. 48. Furnish & Install Storm Manchole 6,5,5% dvert ft. 40. ea. 48. Furni	39.	Furnish & Install 15" Storm Lateral	90	lin.ft.	\$162.00	\$14,580.00	\$88.00	\$7,920.00	\$140.00	\$12,600.00
42. Furnish & Install & Storm Lateral 345 Bin Rt. 346 Sin Rt. 347 Surnish & Install & Storm Lateral 348 Furnish & Install & Storm Box Marchole 9.5%5.5%7 6 vert ft. 349 Surnish & Install Storm Box Marchole 9.5%5.5%7 6 vert ft. 340 Surnish & Install Storm Box Marchole 9.5%5.5%7 6 vert ft. 341 Surnish & Install Storm Box Marchole 9.5%5.5%7 6 vert ft. 342 Surnish & Install Storm Box Marchole 7.5%80% vert ft. 343 Surnish & Install Storm Box Marchole 7.5%80% vert ft. 344 Surnish & Install Storm Box Marchole 7.5%80% vert ft. 345 Surnish & Install Storm Box Marchole 7.5%80% vert ft. 346 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 347 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 348 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 349 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 340 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Box Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Marchole 7.5%60% vert ft. 341 Surnish & Install Storm Marchole 7.5%60% vert ft. 342 Surnish & Install Storm Marchole 7.5%60% vert ft. 343 Surnish & Install Storm Marchole 7.5%60% vert ft. 344 Surnish & Install Storm Marchole 7.5%60% vert ft. 345 Surnish & Install	40.	Furnish & Install 12" Storm Lateral	135	lin.ft.	\$134.00	\$18,090.00	\$75.00	\$10,125.00	\$130.00	\$17,550.00
4. Furnish & Install 6" Storm Lateral 290 lin.ft. \$111.00 \$32,190.00 \$17,00.00 \$21,70.00 \$20,00.00 \$22,50	41.	Furnish & Install 10" Storm Lateral	270	lin.ft.	\$128.00	\$34,560.00	\$85.00	\$22,950.00	\$120.00	\$32,400.00
44. Furnish & Install Storm Box Manhole 9,5%5,5%7,6 vert ft. 1 ea. 311,250.00 311,250.00 316,000.00 316,000.00 320,000.00 220,000.00	42.	Furnish & Install 8" Storm Lateral	345	lin.ft.	\$119.00	\$41,055.00	\$77.00	\$26,565.00	\$110.00	\$37,950.00
45. Furnish & Install Storm Box Manhole 7.5% X vert.ft. 1 0.0. \$11,774.00 \$11,774.00 \$11,774.00 \$11,774.00 \$11,774.00 \$21,000.00 \$22	43.	Furnish & Install 6" Storm Lateral	290	lin.ft.	\$111.00	\$32,190.00	\$75.00	\$21,750.00	\$90.00	\$26,100.00
46. Furnish & Install Storm Box Manhole 7.25x8/x7 vert.ft. 1 ea. \$11,05.00 \$11,05.00 \$11,00.00 \$17,00.00 \$23,00.00 \$	44.	Furnish & Install Storm Box Manhole 9.5'x5.5'x7.6 vert ft.	1	ea.	\$11,250.00	\$11,250.00	\$16,000.00	\$16,000.00	\$25,000.00	\$25,000.00
47. Furnish & Install Storm Box Manhole 7x5 5x7 vertft. 48. Furnish & Install Storm Box Manhole 6x5 5x7 vertft. 49. Furnish & Install Storm Box Manhole 6x5 5x7 vertft. 49. Furnish & Install Storm Box Manhole 6x5 5x7 vertft. 40. Furnish & Install Storm Box Manhole 6x5 5x7 vertft. 40. Furnish & Install Storm Box Manhole 6x5 5x7 vertft. 41. ea. 8x888.00 s8x88.00 s11,000.00 s22,000.00 s22,000.00 s22,000.00 s140,000.00 s10,000.00	45.	Furnish & Install Storm Box Manhole 7.5'x6'x8 vert.ft.	1	ea.	\$11,774.00	\$11,774.00	\$15,500.00	\$15,500.00	\$23,000.00	\$23,000.00
48, Furnish & Install Storm Box Manhole 6'x5.5'x6 vert.ft. 2 ea. \$8,836.00 \$113,000.00 \$23,000.00 \$	46.	Furnish & Install Storm Box Manhole 7.25'x6'x7 vert.ft.	1	ea.	\$11,505.00	\$11,505.00	\$17,800.00	\$17,800.00	\$23,000.00	\$23,000.00
49. Furnish & Install Storm Box Manhole 6'x5.5'x6 vert.ft. 2 ea. \$8,838.00 \$17,872.00 \$12,000.00 \$24,000.00 \$23,000.00 \$40,000.00 \$1,000	47.	Furnish & Install Storm Box Manhole 7'x5.5'x7 vert.ft.	5	ea.	\$10,940.00	\$54,700.00	\$14,700.00	\$73,500.00	\$23,000.00	\$115,000.00
50. Furnish & Install 8' Dia. Storm Manhole 9 vert.ft. \$1,214.00 \$10,205.00 \$1,635.00 \$16,515.00 \$1,600.00 \$10,200.00 \$10	48.	Furnish & Install Storm Box Manhole 6'x5.5'x7 vert.ft.	1	ea.	\$8,936.00	\$8,936.00	\$13,000.00	\$13,000.00	\$23,000.00	\$23,000.00
11. Furnish & Install 7' Dia. Storm Manhole 17.5 vert.ft. 313.00 \$1,333.80 \$2,230.0 \$2,230.0 \$1,200.0	49.	Furnish & Install Storm Box Manhole 6'x5.5'x6 vert.ft.	2	ea.	\$8,936.00	\$17,872.00	\$12,000.00	\$24,000.00	\$23,000.00	\$46,000.00
52. Furnish & Install 6' Dia. Storm Manhole 10 vert.ft. \$318.00 \$3,180.00 \$282.00 \$2,200.00 \$1,200.00 \$12,000.00 \$12,	50.	Furnish & Install 8' Dia. Storm Manhole	9	vert.ft.	\$1,214.00	\$10,926.00	\$1,835.00	\$16,515.00	\$1,800.00	\$16,200.00
53. Furnish & Install 5' Dia. Storm Manhole 29 vert.ft. \$540,00 \$15,000.00 \$446,00 \$12,934,00 \$865,00 \$18,850.0 54. Furnish & Install 4' Dia. Storm Manhole 177 vert.ft. \$132,00 \$23,364.00 \$125,00 \$22,125.00 \$375.00 \$86,375.00 55. Furnish & Install "E" Inlet w/Casting 5 e.a. \$1,995.00 \$9,680.00 \$17,700.00 \$8,650.00 \$20,000.00 \$10,000.00 56. Furnish & Install "E" Inlet w/Casting 21 ea. \$364.00 \$77,640.00 \$375.00 \$36,000.00 \$7,350.0 57. Storm Lateral Connection 29 ea. \$374.00 \$10,846.00 \$700.00 \$20,300.00 \$75.00 \$2,750.00 \$7,550.0 \$36,000.00 \$7,550.0 \$36,000.00 \$7,550.0 \$36,000.00 \$7,550.0 \$36,000.00 \$7,550.0 \$36,000.00 \$7,550.0 \$36,000.00 \$7,500.0 \$36,000.00 \$7,500.0 \$36,000.00 \$7,500.0 \$36,000.00 \$75.00 \$36,000.00 \$75.00 \$36,000.00 \$37,000.0 \$36,000.00 \$37,000.0 \$37,000.0 \$37,000.0	51.	Furnish & Install 7' Dia. Storm Manhole	17.5	vert.ft.	\$1,219.00	\$21,332.50	\$2,130.00	\$37,275.00	\$1,500.00	\$26,250.00
54. Furnish & Install 4" Dia. Storm Manhole 177 vert.ft. \$132.00 \$23,384.00 \$125.00 \$22,125.00 \$375.00 \$68,375.00 55. Furnish & Install "E" Inlet w/Casting 5 ea. \$1,995.00 \$9,680.00 \$1,770.00 \$8,690.00 \$2,000.00 \$10,000.00 56. Furnish & Install Storm Manhole Casting 21 ea. \$364.00 \$7,644.00 \$375.00 \$7,675.00 \$350.00 \$7,300.00 57. Storm Lateral Connection 29 ea. \$374.00 \$10,846.00 \$700.00 \$20,300.00 \$75.00 \$2,175.00 58. Furnish & Install Flowable Fill 65 cu.yd. \$85.00 \$5,625.00 \$100.00 \$6,500.00 \$75.00 \$4,675.00 59. Furnish & Install Extra Stone Bedding 400 ton \$17.40 \$6,960.00 \$12.00 \$4,800.00 \$20.00 \$8,000.00 60. Contaminated Soil Removal 15 ton \$100.00 \$160.00 \$35.00 \$525.00 \$80.00 \$75.00 61. Furnish Maintain Temporary Traffic Control 1 lump surr \$36,000.00 \$30.00 \$237,239.00 \$237,239.00 \$237,239.00	52.	Furnish & Install 6' Dia. Storm Manhole	10	vert.ft.	\$318.00	\$3,180.00	\$282.00	\$2,820.00	\$1,200.00	\$12,000.00
55. Furnish & Install "E" Inlet w/Casting 5 ea. \$1,936.00 \$9,680.00 \$11,770.00 \$88,650.00 \$2,000.00 \$10,000.00 \$6. Furnish & Install Storm Manhole Casting 21 ea. \$384.00 \$7,644.00 \$375.00 \$7,675.00 \$350.00 \$7,350.00	53.	Furnish & Install 5' Dia. Storm Manhole	29	vert.ft.	\$540.00	\$15,660.00	\$446.00	\$12,934.00	\$650.00	\$18,850.00
66. Furnish & Install Storm Manhole Casting 21 ea. \$384.00 \$7,844.00 \$375.00 \$7,850.00	54.	Furnish & Install 4' Dia. Storm Manhole	177	vert.ft.	\$132.00	\$23,364.00	\$125.00	\$22,125.00	\$375.00	\$66,375.00
57. Storm Lateral Connection 29 ea. \$374.00 \$10,846.00 \$700.00 \$20,300.00 \$75.00 \$2,175.00 \$4,875.00 \$10,000 \$100.00 \$	55.	Furnish & Install "E" Inlet w/Casting	5	ea.	\$1,936.00	\$9,680.00	\$1,770.00	\$8,850.00	\$2,000.00	\$10,000.00
58. Furnish & Install Flowable Fill 65 cu.yd. \$85,00 \$5,525,00 \$100,00 \$6,500,00 \$75,00 \$4,875,00 \$9, Furnish & Install Extra Stone Bedding 400 ton \$17.40 \$6,960,00 \$12,00 \$4,800,00 \$20,00 \$8,000,00 \$6,000,00 \$100,	56.	Furnish & Install Storm Manhole Casting	21	ea.	\$364.00	\$7,644.00	\$375.00	\$7,875.00	\$350.00	\$7,350.00
59. Furnish & Install Extra Stone Bedding 400 ton \$17.40 \$6,960.00 \$12.00 \$4,800.00 \$20.00 \$8,000.00 \$60.00 \$750.00 \$100.00 \$6,000.00 \$750.00 \$4,500.00 \$750.00 \$100.00 \$6,000.00 \$750.00 \$100.00 \$100.00 \$100.00 \$750.00 \$100.00 \$750.00 \$100.00 \$750.00 \$100	57.	Storm Lateral Connection	29	ea.	\$374.00	\$10,846.00	\$700.00	\$20,300.00	\$75.00	\$2,175.00
60. Contaminated Soil Removal 15 ton \$10.00 \$150.00 \$35.00 \$555.00 \$50.00 \$750.00 \$4,500.00 \$61. Furnish & Install Type "D-M" Inlet Protection 60 ea. \$60.00 \$36,00.00 \$100.00 \$6,000.00 \$75.00 \$4,500.00 \$237,239.00 \$237,239.00 \$237,239.00 \$250,000.00 \$250,000.00 \$250,000.00 \$35,000.0	58.	Furnish & Install Flowable Fill	65	cu.yd.	\$85.00	\$5,525.00	\$100.00	\$6,500.00	\$75.00	\$4,875.00
61. Furnish & Install Type "D-M" Inlet Protection 60 ea. \$60.00 \$3,600.00 \$100.00 \$6,000.00 \$75.00 \$4,500.00 \$6.000.00 \$75.00 \$4,500.00 \$6.000.00 \$75.00 \$4,500.00 \$6.000.00 \$75.00 \$4,500.00 \$6.000.00 \$75.00 \$4,500.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.00 \$6.000.00 \$75.	59.	Furnish & Install Extra Stone Bedding	400	ton	\$17.40	\$6,960.00	\$12.00	\$4,800.00	\$20.00	\$8,000.00
62. Furnish Maintain Temporary Traffic Control 1 lump sur \$85,000.00 \$85,000.00 \$237,239.00 \$237,239.00 \$237,239.00 \$237,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$1	60.	Contaminated Soil Removal	15	ton	\$10.00	\$150.00	\$35.00	\$525.00	\$50.00	\$750.00
63. Furnish Maintain Message Board 70 day \$100.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$7,000.00 \$110.00 \$1,000.00 \$110.00 \$1,000.00 \$110.00 \$1,000.00	61.	Furnish & Install Type "D-M" Inlet Protection	60	ea.	\$60.00	\$3,600.00	\$100.00	\$6,000.00	\$75.00	\$4,500.00
64. Furnish & Paint Pavement Marking (Yellow Paint) (4") 5,400 lin.ft. \$0.35 \$1,890.00 \$0.40 \$2,160.00 \$0.35 \$1,890.00 \$0.40 \$2,160.00 \$0.35 \$1,890.00 \$0.40 \$1,560.00 \$1,500.00 \$1,	62.	Furnish Maintain Temporary Traffic Control	1	lump sum	\$85,000.00	\$85,000.00	\$237,239.00	\$237,239.00	\$250,000.00	\$250,000.00
65. Furnish & Paint Pavement Marking (White Paint) (4") 3,900 lin.ft. \$0.40 \$1,560.00 \$0.42 \$1,638.00 \$0.40 \$1,560.00 \$0.60 \$600.00 \$0.60 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$0	63.	Furnish Maintain Message Board	70	day	\$100.00	\$7,000.00	\$100.00	\$7,000.00	\$110.00	\$7,700.00
66. Furnish & Paint Pavement Marking Channelization (8") 1,000 lin.ft. \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$600.00 \$0.60 \$0.	64.	Furnish & Paint Pavement Marking (Yellow Paint) (4")	5,400	lin.ft.	\$0.35	\$1,890.00	\$0.40	\$2,160.00	\$0.35	\$1,890.00
67. Furnish & Paint Pavement Marking Crosswalk (6") 650 lin.ft. \$1.87 \$1,215.50 \$2.00 \$1,300.00 \$2.00 \$1,300.00 68. Furnish & Paint Pavement Marking Stop Line (18"/24") 69. Furnish & Paint Pavement Marking Arrow Symbols/Text 69. Furnish & Paint Pavement Marking Arrow Symbols/Text 69. Remove/Cover Existing Pavement Marking 69. Furnish & Paint Pavement Marking Arrow Symbols/Text 69. Furnish & Paint Pavement Marking Arrow	65.	Furnish & Paint Pavement Marking (White Paint) (4")	3,900	lin.ft.	\$0.40	\$1,560.00	\$0.42	\$1,638.00	\$0.40	\$1,560.00
68. Furnish & Paint Pavement Marking Stop Line (18"/24") 69. Furnish & Paint Pavement Marking Arrow Symbols/Text 24 ea. \$145.00 \$3,480.00 \$148.00 \$3,552.00 \$145.00 \$3,480.00 70. Remove/Cover Existing Pavement Marking 6,350 lin.ft. \$0.75 \$4,762.50 \$1.00 \$6,350.00 \$1.00 \$6,350.00	66.	Furnish & Paint Pavement Marking Channelization (8")	1,000	lin.ft.	\$0.60	\$600.00	\$0.60	\$600.00	\$0.60	\$600.00
69. Furnish & Paint Pavement Marking Arrow Symbols/Text 24 ea. \$145.00 \$3,480.00 \$148.00 \$3,552.00 \$145.00 \$3,480.00 70. Remove/Cover Existing Pavement Marking 6,350 lin.ft. \$0.75 \$4,762.50 \$1.00 \$6,350.00 \$1.00 \$6,350.00	67.	Furnish & Paint Pavement Marking Crosswalk (6")	650	lin.ft.	\$1.87	\$1,215.50	\$2.00	\$1,300.00	\$2.00	\$1,300.00
70. Remove/Cover Existing Pavement Marking 6,350 lin.ft. \$0.75 \$4,762.50 \$1.00 \$6,350.00 \$1.00 \$6,350.00	68.	Furnish & Paint Pavement Marking Stop Line (18"/24")	240	lin.ft.	\$2.00	\$480.00	\$2.40	\$576.00	\$2.00	\$480.00
- Damento/Cours Fideling Developed Combale (Tank	69.	Furnish & Paint Pavement Marking Arrow Symbols/Text	24	ea.	\$145.00	\$3,480.00	\$148.00	\$3,552.00	\$145.00	\$3,480.0
71. Remove/Cover Existing Pavement Symbols/Text 4 ea. \$125.00 \$500.00 \$200.00 \$800.00 \$125.00 \$500.00	70.	Remove/Cover Existing Pavement Marking	6,350	lin.ft.	\$0.75	\$4,762.50	\$1.00	\$6,350.00	\$1.00	\$6,350.0
	71.	Remove/Cover Existing Pavement Symbols/Text	4	ea.	\$125.00	\$500.00	\$200.00	\$800.00	\$125.00	\$500.00

\$2,834,350.25 \$2,966,000.00 \$3,432,375.00