

CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

May 10, 2022

TO:

Mayor and Common Council

FROM:

Board of Public Works

SUBJECT:

2022 Asphaltic Concrete Paving II - s. 7th St. - Franklin to Madison St., Project

#WS-22-14

Dear Mayor and Common Council:

At the April 20, 2022 Board of Public Works meeting, the Board met to receive bids for 2022 Asphaltic Concrete Paving II – s. 7th St. – Franklin to Madison St., Project #WS-22-14. City Clerk reported having received one (1) e-bid. Same was opened and accepted online through Quest, and is as follows:

Name

Bid Bond

Base Bid

Vinton Construction Co.

Bid Bond

\$1,081,881.19

"Moved by City Clerk Reed-Kadow, seconded by Alderperson Brey and unanimously carried to refer the bid to the Director of Public Infrastructure for tabulation and recommendation. Ayes, 7. Nays, none."

Very Truly Yours,

MACKENZIE REED-KADOW

Secretary Board of Public Works

#WS-22-14 ASPHALTIC CONCRETE PAVING II - S. 7TH ST-FRANKLIN TO MADISON & MEADOW LN AT MEADOW CT RAILROAD CROSSING (#8174980)

BID DATE: APRIL 20, 2022

Vinton Construction Company

				pally
Item# Item Description	UofM (Quantity		Extension
South 7th Street - Franklin to Marshall - ASPHALT CONCRETE PAVING RECONSTRUCTION			\$459,5	
1 Mobilization	LS		\$35,000.00	\$35,000.00
2 Traffic Control	LS	1	The State of the Contract of t	\$7,800.00
3 Inlet Protection Type "D" (Diaper)	EA	28	\$112.60	\$3,152.80
4 Unclassified Excavation (Includes Asphalt/Concrete Pavement)	CY	2450	\$19.95	\$48,877.50
5 Driveway Curb Gap	EA	1	\$500.00	\$500.00
6 Remove & Replace 30" Concrete Curb and Gutter, Type "D" with 12" Gravel Base	LF	1957	\$32.50	\$63,602.50
7 12" Crushed Aggregate Base Course (1-1/4")	SY	5176	\$9.67	\$50,051.92
8 Undistributed Geotextile Fabric Type SAS (Non-Woven)	SY	1161	\$2.50	\$2,902.50
9 3/4" Epoxy Coated Tie Bars (Includes Drilling)	EA	36	\$10.00	\$360.00
10 Sawing Concrete or Asphalt Pavement, Full Depth	LF	483	\$3.00	\$1,449.00
11 Sawing Concrete Sidewalk/Driveway, Full Depth	LF	435	\$3.00	\$1,305.00 \$95,520.78
12 HMA Pavement, Type 4LT 58-28S	TON	841	\$113.58	
13 HMA Pavement, Type 3LT 58-28S	TON	770	\$107.21 \$3.89	\$82,551.70 \$1,019.18
14 Tack Coat	GAL SF	262 6170	\$8.75	\$53,987.50
15 6" Concrete Sidewalk/Driveway(Removed & Replaced)w/2" C.A.B.C.	SF	200	\$35.00	\$7,000.00
16 Detectable Warning Field (Yellow)	SY	479	\$6.58	\$3,151.82
17 3" Pulverized Topsoil	SY	479	\$1.36	\$651.44
18 Seed (Mixture No. 40), Fertilizer & Water	SY	479	\$1.45	\$694.55
19 Erosion Mat, Urban Class 1, Type A (w/ Jute Netting)	31	4/3	\$180,7	
South 7th Street - Franklin to Marshall - STORM SEWER	EA	4		\$4,200.00
20 Utility Line Opening 21 Removing Existing Storm Sewer Pipe	LF	702	\$14.40	\$10,108.80
22 Removing Storm Manhole	EA	4	\$525.00	\$2,100.00
23 Removing Storm Inlet	EA	11	\$375.00	\$4,125.00
24 Furnish & Install 6" PVC(SDR-35), Storm Sewer	LF	4	\$58.50	\$234.00
25 Furnish & Relay 8" PVC (SDR-35), Storm Sewer	LF	9	\$74.00	\$666.00
26 Furnish & Install 12" PVC (SDR-35), Storm Sewer	LF	781	\$81.10	\$63,339.10
27 Furnish & Relay 12" PVC (SDR-35), Storm Sewer	LF	150	\$83.70	\$12,555.00
28 Furnish & Relay 15" PVC (SDR-35), Storm Sewer	LF	21	\$275.00	\$5,775.00
29 Furnish & Install Standard Manhole, Type 1, Storm	VF	37.65	\$670.00	\$25,225.50
30 Furnish & Install Type 3 Inlet (2' X 3')	EA	14		\$28,322.00
31 Furnish & Install Type "J" Casting (R-1550-A), Storm	EA	9	\$819.00	\$7,371.00
32 Furnish & Install Type "H" Casting (R-3067-R), Diagonal, Storm	EA	14	\$1,051.00	\$14,714.00
33 Adjust Exist Inlet Cover	EA	2	\$400.00	\$800.00
34 Furnish & Install Trench Backfill	TON	1310	\$0.01	\$13.10
35 Televise New Storm Sewer Pipe (Includes Storm Leads)	LF	684	\$1.75	\$1,197.00
South 7th Street - Franklin to Marshall - SANITARY SEWER			\$72,2	77.40
36 Reconnect Sanitary Building Service	EA	4	\$2,670.00	\$10,680.00
37 Furnish & Relay 6" PVC (SDR-35) Building Service	LF	118	\$152.00	\$17,936.00
38 Furnish & Relay 6" PVC (SDR-35) Sanitary Riser Pipe	VF	13	\$152.00	\$1,976.00
39 Furnish & Install Standard Manhole, Type 1, Sanitary	VF	31	\$790.00	\$24,490.00
40 Furnish & Relay 8" Sanitary Outside Drop Manhole	VF	2.67	\$678.00	\$1,810.26
41 Furnish & Relay 6" Sanitary Outside Drop Manhole	VF	3.35		\$2,271.30
42 Abandon Sanitary Manhole	EA	2	\$835.00	\$1,670.00
43 Remove Sanitary Manhole	EA	3	\$835.00	\$2,505.00
44 Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket	EA	8	\$842.00	\$6,736.00
45 Furnish & Install Trench Backfill	TON	659	\$0.01	\$6.59
46 Televise Sanitary Sewer Pipe	LF	1255	\$1.75	\$2,196.25
South 7th Street - Franklin to Marshall - WATERMAIN			150	96.06
47 Relay 1 1/4" Water Service Pipe Poly (Long)	EA	1		\$5,190.00
48 8" Watermain Offset	LS	1		\$6,490.00
49 Abandon Unused LSL	EA	8	\$1,833.00	\$14,664.00
50 Adjusting 5" Water Valve Box Covers	EA	12		\$3,000.00
51 Adjusting 5" Water Service Box	EA	1		\$250.00
52 Furnish & Install Trench Backfill	TON	206		\$2.06
South 7th Street - Franklin to Marshall - ELECTRIC - POWER PLANT			\$5,0	92.00
Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Typ	e "C" _{EA}	3	\$792.00	\$2,376.00
Regular Seat GI Class 35B- 22 1/4" x 1 1/2" - "ELECTRIC" 54 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2"	EA	2	\$865.00	\$1,730.00
55 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC"	EA	2		\$986.00
South 7th Street - Marshall to Madison - ASPHALT CONCRETE PAVING MILL & OVERLAY				101.70
56 Mobilization	LS	1	\$20,000.00	\$20,000.00
57 Traffic Control	LS	1		\$7,800.00
58 Inlet Protection Type "D" (Diaper)	EA	10	\$112.60	\$1,126.00

Femove & Replace 30° Concrete Curb and Gutter, Type "D" with 6° Gravel Base Femove & Replace 30° Concrete Curb and Gutter, Type "D" with 6° Gravel Base Femove & Replace 30° Concrete Curb and Gutter, Type "D" with 6° Gravel Base Femove & Replace 50° All Replace 5	337 72 94 95 4173 3593 730 209 632 48 33 51 102 102 102 102 4 1 3 11 4 132 4 3	\$14.40 \$375.00 \$86.60 \$2,023.00 \$2,425.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$20,220.00 \$720.00 \$282.00 \$285.00 \$20,865.00 \$6,718.91 \$82,913.40 \$813.01 \$6,320.00 \$1,680.00 \$1,650.00 \$1,650.00 \$685.44 \$147.90 \$155.04 \$1,125.00 \$1,125.00 \$1,125.00 \$1,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,326.00 \$3,368.00 0.00
Factor F	72 94 95 4173 3593 730 209 632 48 33 51 102 102 102 4 1 1 3 1 1 4 1 32 4 3	\$10.00 \$3.00 \$3.00 \$5.00 \$1.87 \$113.58 \$3.89 \$10.00 \$50.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$2,50.00 \$2,50.00 \$2,50.00 \$2,425.00 \$1,051.00 \$1,051.00 \$1,051.00 \$1,051.00 \$2,00.00 \$2,00.00 \$1,051.00 \$2,00.00 \$2,00.00 \$2,00.00 \$1,051.00 \$2,00 \$2,00.00 \$2,00.	\$720.00 \$282.00 \$285.00 \$20,865.00 \$6,718.91 \$82,913.40 \$813.01 \$6,320.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$10,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,326.00 \$3,368.00 0.00
1. Sawing Asphalt Pavement, Full Depth	94 95 4173 3593 730 209 632 48 33 51 102 102 102 102 4 1 1 3 1 4 1 3 3 1 1 4 1 3 3	\$3.00 \$3.00 \$5.00 \$1.87 \$113.58 \$3.89 \$10.00 \$50.00 \$20.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,21	\$282.00 \$285.00 \$20,865.00 \$6,718.91 \$82,913.40 \$813.01 \$6,320.00 \$1,650.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$11,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,326.00 \$3,368.00 \$3,368.00
C. Sawing Concrete, Full Depth	95 4173 3593 730 209 632 48 33 51 102 102 102 102 4 1 3 119 4 132 4 132 4	\$3.00 \$5.00 \$1.87 \$113.58 \$3.89 \$10.00 \$35.00 \$50.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$2,250.00 \$2,250.00 \$2,250.00	\$285.00 \$20,865.00 \$6,718.91 \$82,913.40 \$813.01 \$6,320.00 \$1,680.00 \$1,650.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,457.00 \$1,026.00 \$4,204.00 \$1,326.00 \$3,368.00 0.00
S	4173 3593 730 209 632 48 33 51 102 102 102 102 4 1 1 3 1 4 132 4 3	\$5.00 \$1.87 \$113.58 \$3.89 \$10.00 \$35.00 \$50.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$250.00 \$2,21	\$20,865.00 \$6,718.91 \$82,913.40 \$813.01 \$6,320.00 \$1,680.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$1,125.00 \$1,125.00 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,32 \$68.00 \$3,368.00 \$0.00
64 Fine Grading	3593 730 209 632 48 33 51 102 102 102 102 4 1 1 3 1 4 132 4	\$1.87 \$113.58 \$3.89 \$10.00 \$35.00 \$50.00 \$20.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$2,500.00 \$2,	\$6,718.91 \$82,913.40 \$813.01 \$6,320.00 \$1,680.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$1,125.00 \$1,125.00 \$1,125.00 \$1,0305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,326.00 \$3,368.00 0.00
65 3" HMA Pavement, Type 4LT 58-285 TON 66 Tack Coat GAL Coa	730 209 632 48 33 51 102 102 102 102 3 119 4 1 1 3 1 4 132	\$113.58 \$3.89 \$10.00 \$35.00 \$50.00 \$20.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,026.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,21	\$82,913.40 \$813.01 \$6,320.00 \$1,680.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$1,125.00 \$1,125.00 \$1,125.00 \$2,425.00 \$2,425.00 \$4,204.00 \$1,305.40 \$3,368.00 \$3,368.00 \$3,368.00
66 Tack Coat 67 Concrete Sidewalk/Driveway(Removed & Replaced)w/2" C.A.B.C. 67 Concrete Sidewalk/Driveway(Removed & Replaced)w/2" C.A.B.C. 68 Detectable Warning Field (Yellow) 57 C8 C8 Detectable Warning Field (Yellow) 57 C8 Detectable Warning Field (Winture No. 40), Fertilizer & Water 57 Y 72 Seed (Mixture No. 40), Fertilizer & Water 57 Y 73 Erosion Mat, Urban Class 1, Type A (w/ Jute Netting) 57 Y 73 Erosion Mat, Urban Class 1, Type A (w/ Jute Netting) 57 K8 C8 Detectable Warning Existing Storm Sewer 57 K8 Removing Existing Storm Sewer 57 K8 Removing Existing Storm Sewer 57 K8 Removing Existing Storm Sewer 57 K8 Firmish & Install Type 3 Inlet (2'N 3') 57 K8 Firmish & Install Type 3 Inlet (2'N 3') 57 K8 Firmish & Install Type 3 Inlet (2'N 3') 57 K8 Firmish & Install Type 3 Inlet (2'N 3') 57 K8 Firmish & Install Type 4 I'l Casting (R-3055-R), Storm 57 K8 Firmish & Install Type 4 I'l Casting (R-3055-R), Diagonal, Storm 57 K8 Firmish & Install Type 4 I'l Casting (R-3055-R), Diagonal, Storm 57 K8 Firmish & Install Type 4 I'l Casting (R-3055-R), Diagonal, Storm 57 K8 Firmish & Install Type 4 I'l Casting (R-3055-R), Diagonal, Storm 57 K8 Firmish & Install Type 4 I'l Casting (R-3055-R), Diagonal, Storm 57 K8 Firmish & Install Type 4 I'l Casting (R-3055-R), Diagonal, Storm 57 K8 Firmish & Install Type 4 I'l Casting (R-3055-R), Diagonal, Storm 57 K8 Firmish & Install Type 4 I'l Casting (R-3055-R), Diagonal, Storm 57 K8 Firmish & Install R-5900-Eit-Sto50-A), with ""Gasket Casting Graph & Install R-5900-Eit-Sto-Sto50-A), with ""Gasket Casting Graph & Install R-5900-Eit-Stor	209 632 48 33 51 102 102 102 82 3 119 4 1 1 3 1 4 132	\$3.89 \$10.00 \$35.00 \$50.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75.00 \$2,50.00 \$2,425.00 \$2,425.00 \$2,425.00 \$3,200.00 \$3,200.00 \$3,200.00 \$3,200.00 \$3,200.00 \$3,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$3,200.00 \$3,200.00 \$3,200.00 \$3,200.00 \$3,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$3,200.0	\$813.01 \$6,320.00 \$1,680.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$1,125.00 \$1,125.00 \$1,0305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,32 68.00 \$3,368.00 0.00
67 6 "Concrete Sidewalk/Driveway(Removed & Replaced)w/2" C.A.B.C. 5F 68 Detectable Warning Field (Yellow) 5F 69 Clearing ID 70 Grubbing ID 71 3" Pulveized Topsoil 5Y 72 Seed (Mixture No. 40), Fertilizer & Water 5Y 73 Erosion Mat, Urban Class 1. Type A (W) Jute Nettling) 5Y South 7th Street - Marshall to Madison - STORM SEWER LF 74 Removing Storm Indlet EA 75 Fermish & Install 72" PVC (SDR-35), Storm Sewer LF 77 Furnish & Install 72" PVC (SDR-35), Storm Sewer LF 78 Furnish & Install Type 3 Inlet (2" X 3") EA 80 Furnish & Install Type "" Casting (R-3505-R), Storm EA 81 Furnish & Install Type "" Casting (R-3505-R), Diagonal, Storm EA 82 Furnish & Install Type "" Casting (R-3507-R), Diagonal, Storm EA 83 Furnish & Install Type "" Casting (R-3507-R), Diagonal, Storm EA 84 Outh 7th Street - Marshall to Madison - MATERMAIN EA 85 Furnish & Install Rype "" Casting (R-3507-R), Diagonal, Storm EA 86 Furnish & Install Rype "" Casting (R-3507-R), Diagonal, Storm EA 86 Furnish & Install Rype "" Casting (R-3500-R),	632 48 33 51 102 102 102 82 3 119 4 1 3 1 4 33 1 132	\$10.00 \$35.00 \$50.00 \$20.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00	\$6,320.00 \$1,680.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,32 \$68.00 \$3,368.00 \$0.00
67 6 "Concrete Sidewalk/Driveway(Removed & Replaced)w/2" C.A.B.C. 5F 68 Detectable Warning Field (Yellow) 5F 69 Clearing ID 70 Grubbing ID 71 3" Pulveized Topsoil 5Y 72 Seed (Mixture No. 40), Fertilizer & Water 5Y 73 Erosion Mat, Urban Class 1. Type A (W) Jute Nettling) 5Y South 7th Street - Marshall to Madison - STORM SEWER LF 74 Removing Storm Indlet EA 75 Fermish & Install 72" PVC (SDR-35), Storm Sewer LF 77 Furnish & Install 72" PVC (SDR-35), Storm Sewer LF 78 Furnish & Install Type 3 Inlet (2" X 3") EA 80 Furnish & Install Type "" Casting (R-3505-R), Storm EA 81 Furnish & Install Type "" Casting (R-3505-R), Diagonal, Storm EA 82 Furnish & Install Type "" Casting (R-3507-R), Diagonal, Storm EA 83 Furnish & Install Type "" Casting (R-3507-R), Diagonal, Storm EA 84 Outh 7th Street - Marshall to Madison - MATERMAIN EA 85 Furnish & Install Rype "" Casting (R-3507-R), Diagonal, Storm EA 86 Furnish & Install Rype "" Casting (R-3507-R), Diagonal, Storm EA 86 Furnish & Install Rype "" Casting (R-3500-R),	632 48 33 51 102 102 102 82 3 119 4 1 3 1 4 33 1 132	\$10.00 \$35.00 \$50.00 \$20.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00	\$6,320.00 \$1,680.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,32 \$68.00 \$3,368.00 \$0.00
68 Detectable Warning Field (Yellow) 5F 69 Clearing ID 70 Grubbing ID 71 3" Pulverized Topsoil 5Y 72 Seed (Mixture No. 40), Fertilizer & Water 5Y 73 Erosion Mat, Urban Class 1, Type A (w/) Jute Netting) 5Y South 7th Street - Marshall to Madison - STORM SEWER F 74 Removing Existing Storm Sewer Pipe F 75 Removing Storm Inlet EA 76 Furnish & Install Type 21 Inlet (2Y 3") EA 77 Furnish & Install Type 3 Inlet (2Y 3") EA 78 Furnish & Install Type "1" Casting (R-1550-A), Storm EA 80 Furnish & Install Type "1" Casting (R-1550-A), Storm EA 81 Furnish & Install Type "1" Casting (R-3055-R), Diagonal, Storm EA 82 Furnish & Install Type "1" Casting (R-3055-R), Diagonal, Storm EA 83 Furnish & Install Type "1" Casting (R-1550-A), With "1" Gasket EA 83 Furnish & Install Type "1" Casting (R-1550-A), With "1" Gasket EA 84 South 7th Street - Marshall to Madison - ELECTRIC - POWER PLANT EA 85 Furnish & Install R-5900-E-Frame- Type "" Regular Seat-GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C 86 Furnish &	48 33 51 102 102 102 82 3 119 4 1 3 1 4 132 4	\$35.00 \$50.00 \$20.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,026.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,21	\$1,680.00 \$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,32 68.00 \$3,368.00 0.00
69 Clearing 10 70 Grubbing 10 71 a" Pulverized Topsoil 57 73 Food (Misture No. 40), Fertilizer & Water 57 73 Food (Misture No. 40), Fertilizer & Water 57 73 Forsion Mat, Urban Class 1, Type A (w/ Jute Netting) 57 73 Forsion Mat, Urban Class 1, Type A (w/ Jute Netting) 57 74 Removing Existing Storm Sewer Pipe	33 51 102 102 102 82 3 119 4 1 3 1 4 132	\$50.00 \$20.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,026.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00	\$1,650.00 \$1,020.00 \$685.44 \$147.90 \$155.04 \$16.52 \$1,180.80 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,32 68.00 \$3,368.00 0.00 \$750.00
70 Grubbing 10 71 2" Pulverized Topsoil 57 72 5eed (Mixture No. 40), Fertilizer & Water 57 73 5rosion Mat, Urban Class 1, Type A (w/ Jute Netting) 57 73 5rosion Mat, Urban Class 1, Type A (w/ Jute Netting) 57 50uth 7th Street - Marshall to Madison - STORM SEWER 14 14 15 15 16 16 16 16 16 16	51 102 102 102 82 3 119 4 1 3 1 4 132 4 3	\$20.00 \$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,026.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$1,020.00 \$685.44 \$147.90 \$155.04 \$1,180.80 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00 \$750.00
7.1 3 "Pulverized Topsoil SY 7.2 Seed (Mixture No. 40), Fertilizer & Water SY 7.3 Forsoin Mat, Urban Class J, Type A (w/ Jute Netting) SY South 7th Street - Marshall to Madison - STORM SEWER 7.5 Removing Storm Flore EA 7.5 Removing Storm Flore EA 7.5 Removing Storm Flore EA 7.6 Furnish & Install Type 2 Inlet (2 Y. 3") EA 7.7 Furnish & Install Type 2 Inlet (4" Diameter) EA 7.8 Furnish & Install Type "" Casting (R-1550-A), Storm EA 8.0 Furnish & Install Type "" Casting (R-365-R), Storm EA 8.1 Furnish & Install Type "" Casting (R-3667-R), Diagonal, Storm EA 8.2 Furnish & Install Type "" Casting (R-3667-R), Diagonal, Storm EA 8.3 Furnish & Install Type "" Casting (R-1550-A), with "T" Gasket EA 8.4 Justing S" Water Valve Box Covers EA 8.5 South 7th Street - Marshall to Madison - SMITTARY SEWER EA 8.5 Furnish & Install R-5900-E-Frame - Type "F" Regular Sea - GI Class 35B-Drilled 9/32" Dia, A 22 3/8", BB 1 1/2" Solid Platen LD - Type "C EA 8.6 Furnish & Install R-5900-G-E-Frame - Type "F" Regular Sea - GI Class 35B, AA 28 1/2", BB 1 1/2" "ELECTRIC" EA 8.7 Furnish &	102 102 102 82 3 119 4 1 3 1 4 132 4	\$6.72 \$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,026.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00	\$685.44 \$147.90 \$155.04 \$1,180.80 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,32 68.00 \$3,368.00 0.00
72 Seed (Mixture No. 40), Fertilizer & Water SY 73 Erosion Mat, Urban Class 1, Type A (w/ Jute Netting) SY 73 Erosion Mat, Urban Class 1, Type A (w/ Jute Netting) SY 50turh Th Street- Marshall to Madison - STORM SEWER EA 74 Removing Existing Storm Sewer Pipe LF 75 Femroish & Install 12" PVC (SDR-35), Storm Sewer LF 76 Furnish & Install Type 3 Inlet (2" X 3") EA 78 Furnish & Install Type 21 Inlet (4" Olameter) EA 79 Furnish & Install Type "1" Casting (R-305-R), Storm EA 80 Furnish & Install Type "1" Casting (R-305-R), Storm EA 81 Furnish & Install Type "1" Casting (R-305-R), Storm EA 82 Furnish & Install Type "1" Casting (R-305-R), Storm EA 83 Furnish & Install Type "1" Casting (R-305-R), Storm EA 84 Furnish & Install Type "1" Casting (R-305-R), Storm EA 85 Furnish & Install Type "1" Casting (R-305-R), Storm EA 85 Furnish & Install Type "1" Casting (R-305-R), Storm EA 85 Furnish & Install Type "1" Casting (R-305-R), With "1" Gasket EA 85 Furnish & Install R-301 Madison - WATERMAIN EA 85 Furnish & Install R-5900-Giral Type "1" Exercite (The Regular Seat -	102 102 82 3 119 4 1 3 1 4 132 4	\$1.45 \$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$1,026.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$147.90 \$155.04 \$16.52 \$1,180.80 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,32 68.00 \$3,368.00 0.00 \$750.00
South 7th Street - Marshall to Madison - STORM SEWER	102 82 3 119 4 1 3 1 4 132 4	\$1.52 \$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$2,425.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00	\$155.04 \$16.52 \$1,180.80 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1,32 68.00 \$3,368.00 0.00
South 7th Street - Marshall to Madison - STORM SEWER 7 A Removing Storm let F7 A Removing Storm let F7 Fermish & Install 12" PVC (SDR-35), Storm Sewer F7 Fermish & Install 12" PVC (SDR-35), Storm Sewer F7 Fermish & Install 12" PVC (SDR-35), Storm Sewer F7 Fermish & Install 12" PVC (SDR-35), Storm Sewer F7 Fermish & Install 12" PVC (SDR-35), Storm Sewer F8 Fermish & Install 12" PVC (SDR-35), Storm Sewer F8 Fermish & Install 12" PVC (SDR-35), Storm F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F8 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F9 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F9 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F9 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F9 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F9 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F9 Fermish & Install 12" PVC (SDR-35), With "T" Gasket F9 Fermis	82 3 119 4 1 3 1 4 132 4 3	\$30,8 \$14.40 \$375.00 \$86.60 \$2,023.00 \$2,425.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00	\$16.52 \$1,180.80 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00
South 7th Street - Marshall to Madison - STORM SEWER 7.7 Removing Existing Storm Sewer Pipe 7.7 Removing Existing Storm Sewer Pipe 7.7 Furnish & Install 12" PVC (SDR-35), Storm Sewer 1. F 7.7 Furnish & Install 12" PVC (SDR-35), Storm Sewer 1. F 7.7 Furnish & Install 12" PVC (SDR-35), Storm Sewer 1. F 7.7 Furnish & Install Type 3 Inlet (2" X 3") 1. F	3 119 4 1 3 1 4 132 4 3	\$14.40 \$375.00 \$86.60 \$2,023.00 \$2,425.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$1,180.80 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00
1	3 119 4 1 3 1 4 132 4 3	\$14.40 \$375.00 \$86.60 \$2,023.00 \$2,425.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$1,180.80 \$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00
75 Removing Storm Inlet 76 Furnish & Install 12" PVC (SDR-35), Storm Sewer 77 Furnish & Install Type 3 Inlet (2" X 3") 6A 78 Furnish & Install Type 3 Inlet (2" X 3") 79 Furnish & Install Type ""Casting (R-3550-A), Storm 6B	3 119 4 1 3 1 4 132 4 3	\$375.00 \$86.60 \$2,023.00 \$2,425.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$250.00 \$2,1	\$1,125.00 \$10,305.40 \$8,092.00 \$2,425.00 \$2,457.00 \$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00 \$750.00
Formish & Install 12" PVC (SDR-35), Storm Sewer	119 4 1 3 1 4 132 4 3	\$86.60 \$2,023.00 \$2,425.00 \$819.00 \$1,026.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$10,305.40 \$8,092.00 \$2,425.00 \$2,457.00 \$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00 \$750.00
Furnish & Install Type 3 Inlet (2' X 3') Furnish & Install Type 2 Inlet (4' Diameter) FA Furnish & Install Type "Casting (R-1550-A), Storm EA 80 Furnish & Install Type "H' Casting (R-3065-R), Storm EA 81 Furnish & Install Type "H' Casting (R-3065-R), Diagonal, Storm EA 82 Furnish & Install Type "H' Casting (R-3067-R), Diagonal, Storm EA 83 Furnish & Install Type "B' Casting (R-3067-R), Diagonal, Storm EA 84 Furnish & Install Type "Gesting (R-3067-R), Diagonal, Storm EA 85 Furnish & Install Type "Gesting (R-1550-A), With "T" Gasket EA 85 Furnish & Install Type "Gesting (R-1550-A), With "T" Gasket EA 85 South 7th Street - Marshall to Madison - SANITARY SEWER 84 Adjusting 5" Water Valve Box Covers EA 85 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 358-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C 84 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 358-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C 84 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 358-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C 84 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 358-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C 84 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 358-A 28 1/2", BB 1 1/2" Solid Platen LD - Type "C 84 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 358-A 28 1/2", BB 1 1/2" Solid Platen LD - Type "C 84 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 358-A 28 1/2", BB 1 1/2" Solid Platen LD - Type "C 84 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 358-A 28 1/2", BB 1 1/2" Solid Platen LD - Type "C 84 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 358-A 28 1/2", BB 1 1/2" Solid Platen LD - Type "F" Regular Seat - GI Class 358-A 28 1/2", BB 1 1/2" Solid Platen LD - Type "C 84 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 358-A 28 1/2	4 1 3 1 4 132 4 3	\$2,023.00 \$2,425.00 \$819.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$8,092.00 \$2,425.00 \$2,457.00 \$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00 \$750.00
Family F	1 3 1 4 132 4 3	\$2,425.00 \$819.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00	\$2,425.00 \$2,457.00 \$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00 \$750.00
Furnish & Install Type "I" Casting (R-1550-A), Storm EA 80 Furnish & Install Type "I" Casting (R-3065-R), Storm EA 81 Furnish & Install Type "I" Casting (R-3065-R), Diagonal, Storm EA 82 Furnish & Install Trench Backfill (1 1/4" C.A.B.C.) TON South 7th Street - Marshall to Madison - SANITARY SEWER 83 Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket EA South 7th Street - Marshall to Madison - WATERMAIN 84 Adjusting 5" Water Valve Box Covers EA South 7th Street - Marshall to Madison - WATERMAIN 85 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 358-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD- Type "C 86 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 358, AA 28 1/2", BB 1 1/2" Solid Platen LD- Type "C 87 Furnish & Install R-5900-G: Lid- "ELECTRIC"-Solid Platen LD- Type "C Regular Seat GI Class 358- 22 1/4" x 1 1/2" "ELECTRIC" EA 88 Mobilization Lea et CN Railroad Crossing 89 Traffic Control Detour LS 90 Traffic Control Detour LS 91 Inlet Protection, Type D (Diaper) LS 92 Unclassified Excavation (Incl. Pavement & Curb) CY 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth LF 94 Sawing Concrete Sidewalk or Driveway LF 95 6" HMA Pavement, Type 4LT 58-28S SY 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") SY 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 90 Jol 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars (Includes Drilling)	3 1 4 132 4 3	\$819.00 \$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00	\$2,457.00 \$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00 \$750.00
80 Furnish & Install Type "H" Casting (R-3065-R), Storm EA 81 Furnish & Install Type "H" Casting (R-3067-R), Diagonal, Storm EA 82 Furnish & Install Type "H" Casting (R-3067-R), Diagonal, Storm EA 83 Furnish & Install Type "J" Casting (R-3067-R), Diagonal, Storm ToN South 7th Street - Marshall to Madison - SANTARY SEWER 84 Adjusting 5" Water Valve Box Covers EA 85 Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket EA 85 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "CR 85 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "CR 86 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" Solid Platen LD - Type "CR 87 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" ELECTRIC" 88 Mobilization EX 89 Traffic Control 89 Traffic Control 89 Traffic Control 89 Traffic Control 80 Unclassified Excavation (Incl. Pavement & Curb) 90 Traffic Control Detour 91 Inlet Protection, Type D (Diaper) 92 Unclassified Excavation (Incl. Pavement & Curb & Gutter, Full Depth 94 Sawing Concrete Pavement or Curb & Gutter, Full Depth 95 6" HMA Pavement, Type 4LT 58-285 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) 100 1/2" Epoxy Coated Tie Bars (Includes Drilling) 101 1/2" Epoxy Coated Tie Bars (Includes Drilling) 102 1/2" Epoxy Coated Tie Bars (Includes Drilling) 103 1/2" Epoxy Coated Tie Bars (Includes Drilling) 103 1/2" Epoxy Coated Tie Bars (Includes Drilling) 104 1/2" Epoxy Coated Tie Bars (Includes Drilling) 105 1/2" Epoxy Coated Tie Bars (Includes Drilling) 105 1/2" Epoxy Coated Tie Bars (Includes Drilling) 107 1/2" Epoxy Coated Tie Bars (Includes Drilling) 108 1	1 4 132 4 3 1 1	\$1,026.00 \$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$1,026.00 \$4,204.00 \$1.32 68.00 \$3,368.00 0.00 \$750.00
81 Furnish & Install Type "H" Casting (R-3067-R), Diagonal, Storm 82 Furnish & Install Trench Backfill (11/4" CA.B.C.) South 7th Street - Marshall to Madison - SANITARY SEWER 83 Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket 84 Adjusting 5" Water Valve Box Covers 85 Adjusting 5" Water Valve Box Covers 86 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C Regular Seat GI Class 35B- 22 1/4" x 1 1/2" "ELECTRIC" 86 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" 87 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" 88 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" 88 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" 88 Mobilization 80 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 80 Furnish & Install R-5900 Furnish ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 81 Furnish & Install R-5900 Furnish ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 82 Furnish & Install R-5900 Furnish ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 83 Furnish & Install R-5900 Furnish ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 84 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 85 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 1/2" Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 86 Furnish & Install R-5900-G: Lid- "ELECTRIC" Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/2" Solid Platen LD- Type "C Regular Seat GI Class 35B- 2	4 132 4 3 1 1	\$1,051.00 \$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$4,204.00 \$1.32 68.00 \$3,368.00 0.00 \$750.00
81 Furnish & Install Type "H" Casting (R-3067-R), Diagonal, Storm 82 Furnish & Install Trench Backfill (11/4" C.A.B.C.) South 7th Street - Marshall to Madison - SANITARY SEWER 83 Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket South 7th Street - Marshall to Madison - WATERMAIN 84 Adjusting 5" Water Valve Box Covers EAS South 7th Street - Marshall to Madison - ELECTRIC - POWER PLANT 85 Furnish & Install R-5900-Ei-Frame - Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C Regular Seat GI Class 35B- 22 1/4" x 1 1/2" - "ELECTRIC" 86 Furnish & Install R-5900-Gi: Frame - Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" 87 Furnish & Install R-5900-Gi: Lid - "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B - 28 1/4" x 1 1/2" "ELECTRIC" 88 Furnish & Install R-5900-Gi: Lid - "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B - 28 1/4" x 1 1/2" "ELECTRIC" 89 Tarffic Control 80 Tarffic Control 80 Tarffic Control Detour 81 Sawing Existing Concrete Pavement a Curb (Curb) 90 Unclassified Excavation (Incl. Pavement & Curb) 91 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 G" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Unclassified Excavation (Incl. Pavement & Gutter) 90 Judistributed Geo-Fabric, Type SAS, Non-Woven 10 3/4" Epoxy Coated Tie Bars (Includes Drilling) 10 1/2" Epoxy Coated Tie Bars (Includes Drilling)	132 4 3 1 1	\$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$1.32 68.00 \$3,368.00 0.00 \$750.00
82 Furnish & Install Trench Backfill (1 1/4" C.A.B.C.) South 7th Street - Marshall to Madison - SANITARY SEWER 83 Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket South 7th Street - Marshall to Madison - WATERMAIN 84 Adjusting 5" Water Valve Box Covers 85 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C" Regular Seat GI Class 35B- 22 1/4" x 1 1/2" "ELECTRIC" 86 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" Solid Platen LD - Type "C Regular Seat GI Class 35B- 22 1/4" x 1 1/2" "ELECTRIC" 87 Furnish & Install R-5900-G: Lid "ELECTRIC"- Solid Platen LD - Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 88 Mobilization 88 Mobilization 89 Traffic Control 90 Traffic Control Detour 91 Inlet Protection, Type D (Diaper) 92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 90 J/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling)	4 3 1 1	\$0.01 \$3,3 \$842.00 \$75 \$250.00 \$2,1	\$1.32 68.00 \$3,368.00 0.00 \$750.00
South 7th Street - Marshall to Madison - SANITARY SEWER 83 Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket South 7th Street - Marshall to Madison - WATERMAIN 84 Adjusting 5" Water Valve Box Covers 85 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C" Regular Seat GI Class 35B- 22 1/4" x 1 1/2" "ELECTRIC" 86 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" EA Furnish & Install R-5900-G: Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" EA Furnish & Install R-5900-G: Lid "ELECTRIC" Solid Platen LD - Type "C Regular Seat GI Class 35B-28 1/4" x 1 1/2" "ELECTRIC" EA Meadow Lane at CN Railroad Crossing 88 Mobilization 89 Traffic Control 10 LS 90 Traffic Control Detour 11 Inlet Protection, Type D (Diaper) 91 Inlet Protection, Type D (Diaper) 92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 14 Fa Sawing Concrete Sidewalk or Driveway 94 Sawing Concrete Sidewalk or Driveway 15 G" HMA Pavement, Type 4LT 58-28S 95 G" BHA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 10 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA Adjusting Saving Saving Coated Tie Bars (Includes Drilling) EA A SECTION FOR SAN SAN (Includes Drilling)	4 3 1 1	\$3,3 \$842.00 \$75 \$250.00 \$2,1	\$3,368.00 0.00 \$750.00
South 7th Street - Marshall to Madison - WATERMAIN 84 Adjusting 5" Water Valve Box Covers South 7th Street - Marshall to Madison - ELECTRIC - POWER PLANT 85 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C" Regular Seat GI Class 35B- 22 1/4" x 1 1/2" - "ELECTRIC" 86 Furnish & Install R-5900-G: Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" BE A Turnish & Install R-5900-G: Frame- Type "F" Regular Seat GI Class 35B, AA 28 1/2", BB 1 1/2" ELECTRIC" 87 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 88 Mobilization 89 Traffic Control 89 Traffic Control 89 Traffic Control Detour 90 Traffic Control Detour 91 Inlet Protection, Type D (Diaper) 92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 G" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 90 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 10 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling)	3 1 1	\$842.00 \$75 \$250.00 \$2,1	\$3,368.00 0.00 \$750.00
South 7th Street - Marshall to Madison - WATERMAIN 84 Adjusting 5" Water Valve Box Covers South 7th Street - Marshall to Madison - ELECTRIC - POWER PLANT 85 Furnish & Install R-5900-E: Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C Regular Seat GI Class 35B- 22 1/4" x 1 1/2" - "ELECTRIC" 86 Furnish & Install R-5900-G: Frame- Type "F" Regular Seat - GI Class 35B, A2 8 1/2", BB 1 1/2" BE 1 1/2" "ELECTRIC" 87 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" 88 Mobilization 89 Traffic Control 89 Traffic Control Detour 89 Unclassified Excavation (Incl. Pavement & Curb) 90 Unclassified Excavation (Incl. Pavement & Curb) 91 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA	3 1 1	\$75 \$250.00 \$2,1	0.00 \$750.00
South 7th Street - Marshall to Madison - ELECTRIC - POWER PLANT Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C" Regular Seat GI Class 35B- 22 1/4" x 1 1/2" - "ELECTRIC" EA Regular Seat GI Class 35B- 22 1/4" x 1 1/2" - "ELECTRIC" EA Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B - 28 1/4" x 1 1/2" "ELECTRIC" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B - 28 1/4" x 1 1/2" "ELECTRIC" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B - 28 1/4" x 1 1/2" "ELECTRIC" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B - 28 1/4" x 1 1/2" "ELECTRIC" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B - 28 1/2", BB 1 1/2" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B, AA 28 1/2", BB 1 1/2" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B, AA 28 1/2", BB 1 1/2" EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - ELECTRIC" - ELECTRIC" - EA Furnish & Install R-5900-G: Lid- "ELECTRIC" - Solid Platen LD - Type "C Regular Seat GI Class 35B, AA 28 1/2", BB 1 1/2" EA Furnish & Install R-5900-G: Lack Control Platen LD - Type "C Regular Seat GI Class 35B, AA 28 1/2", BB 1 1/2" EA Furnish & Install R-5900-G: Lack Control Platen LD - Type "C Regular Seat GI Class 35B, AA 28 1/2", BB 1 1/2" EA Furnish & Instal	1	\$250.00 \$2,1	\$750.00
South 7th Street - Marshall to Madison - ELECTRIC - POWER PLANT 85 Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C" Regular Seat GI Class 35B- 22 1/4" x 1 1/2" - "ELECTRIC" EA Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" ELECTRIC" EA Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" EA Meadow Lane at CN Railroad Crossing 88 Mobilization LS 90 Traffic Control Edour LS 90 Traffic Control Detour LS 90 Traffic Control Detour LS 91 Inlet Protection, Type D (Diaper) EA Sawing Existing Concrete Pavement & Curb & Gutter, Full Depth LF 94 Sawing Concrete Sidewalk or Driveway LF 95 6" HMA Pavement, Type 4LT 58-28S SY 96 Tack Coat GAL 97 8" Crushed Aggregate Base Course (1-1/4") SY 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 11/2" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	1	\$2,1	
Furnish & Install R-5900-E:Frame- Type "F" Regular Seat - GI Class 35B-Drilled 9/32" Dia, AA 22 3/8", BB 1 1/2" Solid Platen LD - Type "C" Regular Seat GI Class 35B- 22 1/4" x 1 1/2" - "ELECTRIC" EA 86 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" EA 87 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" EA Meadow Lane at CN Railroad Crossing 88 Mobilization LS 90 Traffic Control LS 90 Traffic Control Detour LS 91 Inlet Protection, Type D (Diaper) EA 92 Unclassified Excavation (Incl. Pavement & Curb) CY 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth LF 94 Sawing Concrete Sidewalk or Driveway LF 95 6" HMA Pavement, Type 4LT 58-28S SY 96 Tack Coat GAL 97 8" Crushed Aggregate Base Course (1-1/4") SY 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA	1		50.00
Regular Seat GI Class 358- 22 1/4" x 1 1/2" - "ELECTRIC" 86 Furnish & Install R-5900-G: Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" 87 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" EA Meadow Lane at CN Railroad Crossing 88 Mobilization LS 89 Traffic Control LS 90 Traffic Control Detour LS 91 Inlet Protection, Type D (Diaper) EA 92 Unclassified Excavation (Incl. Pavement & Curb) CY 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth LF 94 Sawing Concrete Sidewalk or Driveway LF 95 6" HMA Pavement, Type 4LT 58-28S SY 96 Tack Coat GAL 97 8" Crushed Aggregate Base Course (1-1/4") SY 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base LF 99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA	1	\$792.00	
Regular Seat GI Class 35B-22 1/4" x 1 1/2" - "ELECTRIC" 86 Furnish & Install R-5900-G: Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" EA 87 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B-28 1/4" x 1 1/2" "ELECTRIC" EA Meadow Lane at CN Railroad Crossing 88 Mobilization LS 89 Traffic Control LS 90 Traffic Control Detour LS 91 Inlet Protection, Type D (Diaper) EA 92 Unclassified Excavation (Incl. Pavement & Curb) CY 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth LF 94 Sawing Concrete Sidewalk or Driveway LF 95 6" HMA Pavement, Type 4LT 58-28S SY 96 Tack Coat GAL 97 8" Crushed Aggregate Base Course (1-1/4") SY 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA	1	\$792.00	¢702.00
86 Furnish & Install R-5900-G:Frame- Type "F" Regular Seat - GI Class 35B, AA 28 1/2", BB 1 1/2" EA 87 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" EA Meadow Lane at CN Railroad Crossing 88 Mobilization LS 89 Traffic Control Detour LS 90 Traffic Control Detour LS 91 Inlet Protection, Type D (Diaper) EA 92 Unclassified Excavation (Incl. Pavement & Curb) CY 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth LF 94 Sawing Concrete Sidewalk or Driveway LF 95 6" HMA Pavement, Type 4LT 58-28S SY 96 Tack Coat GAL 97 8" Crushed Aggregate Base Course (1-1/4") SY 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base LF 99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA			\$792.00
87 Furnish & Install R-5900-G: Lid- "ELECTRIC"- Solid Platen LD- Type "C Regular Seat GI Class 35B- 28 1/4" x 1 1/2" "ELECTRIC" EA Meadow Lane at CN Railroad Crossing 88 Mobilization		\$865.00	\$865.00
Meadow Lane at CN Railroad Crossing 88 Mobilization 89 Traffic Control 90 Traffic Control Detour 15 Inlet Protection, Type D (Diaper) 92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA			
88 Mobilization 89 Traffic Control 90 Traffic Control Detour 91 Inlet Protection, Type D (Diaper) 92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 97 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA	1	\$493.00	\$493.00
89 Traffic Control 90 Traffic Control Detour 91 Inlet Protection, Type D (Diaper) 92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA			105.82
90 Traffic Control Detour 91 Inlet Protection, Type D (Diaper) 92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	1	\$20,000.00	\$20,000.00
91 Inlet Protection, Type D (Diaper) 92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	1	\$7,000.00	\$7,000.00
92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	1	\$800.00	\$800.00
92 Unclassified Excavation (Incl. Pavement & Curb) 93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	3	\$112.60	\$337.80
93 Sawing Existing Concrete Pavement or Curb & Gutter, Full Depth 94 Sawing Concrete Sidewalk or Driveway 15 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 16 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) 112" Epoxy Coated Tie Bars for Swk (Includes Drilling) 12 EA	270	\$32.70	\$8,829.00
94 Sawing Concrete Sidewalk or Driveway 95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	117	\$3.00	\$351.00
95 6" HMA Pavement, Type 4LT 58-28S 96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven 59 Undistributed Geo-Fabric, Type SAS, Non-Woven 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA			
96 Tack Coat 97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	20	\$3.00	\$60.00
97 8" Crushed Aggregate Base Course (1-1/4") 98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	636	\$57.67	\$36,678.12
98 30" Concrete Curb & Gutter (Type D) w/8" Gravel Base 99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	32	\$3.89	\$124.48
99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	636	\$6.40	\$4,070.40
99 Undistributed Geo-Fabric, Type SAS, Non-Woven SY 100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	156	\$55.00	\$8,580.00
100 3/4" Epoxy Coated Tie Bars (Includes Drilling) EA 101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling) EA	566	\$2.50	\$1,415.00
101 1/2" Epoxy Coated Tie Bars for Swk (Includes Drilling)	12	\$10.00	\$120.00
102 b" Concrete Sidewalk (Removed & Replaced) w/ 2" Gravel Rase	8	\$8.00	\$64.00
	381	\$10.00	\$3,810.00
103 Detectable Warning Fields (Yellow)	16	\$40.00	\$640.00
104 3" Pulverized Topsoil	58	\$6.94	\$402.52
105 Seed, Fertilizer, and Water SY	58	\$1.60	\$92.80
106 Erosion Mat, Urban Class 1, Type A w/Jute Netting	58	\$1.70	\$98.60
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	136	\$10.00	\$1,360.00
108 Pavement Marking, Epoxy, 4-Inch	166	\$12.00	\$1,992.00
109 Pavement Marking, Stop Line, Epoxy, 24-Inch (at R.R. Tracks)	40	\$26.00	\$1,040.00
110 Remove Existing Storm Sewer Pipe	160	\$13.10	\$2,096.00
111 Removing Storm Manhole EA	1	\$460.00	\$460.00
112 Furnish & Install 12" R.C.P. Class V, Storm Sewer	43	\$75.40	\$3,242.20
113 Furnish & Install 15" R.C.P. Class V, Storm Sewer	111	\$82.20	\$9,124.20
	1		\$1,192.00
115 Re-Attach 18" RCP Endwall (Includes 2 sets of pipe joint ties)	1	\$570.00	\$570.00
116 Furnish & Install Non-Standard Manhole, Type 7	2.67	\$1,465.00	\$3,911.55
117 Furnish & Install Type "H" Casting (R-3290-A), Storm		\$1,062.00	\$2,124.00
118 Furnish & Install Type "H" Casting (R-3067-R), Diagonal, Storm	2	\$1,051.00	\$1,051.00
119 Furnish & Install Trench Backfill TON		\$0.01	\$0.15
120 Clean 18" Storm Sewer	2	\$8.00	\$952.00
121 Ditching at R.R. Tracks	2 1 15		\$425.00
	2 1 15 119		
122 Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket 133 Adjust Fujisting F" Society Severa Volum Ray Govern	2 1 15 119 25	\$17.00	6042.00
123 Adjust Existing 5" Sanitary Sewer Valve Box Cover	2 1 15 119 25	\$17.00 \$842.00	\$842.00
BASE BID TOTAL:	2 1 15 119 25	\$17.00	\$842.00 \$250.00