

City of West Allis Matter Summary

7525 W. Greenfield Ave. West Allis, WI 53214

File Number	Title	Status				
R-2007-0091	Resolution	In Committee				
	Resolution to approve bid of Milwaukee General Construction Company, Inc. for alley reconstruction at various locations within the City of West Allis, in the amount of \$474,857.72.					
	Introduced: 3/20/2007	Controlling Body: Public Works Committee				
		Sponsor(s): Public Works Committee				

COMMITTEE	RECOMM	ENDATION _	ADOPT				
ACTION DATE: 3-20-07	MOVER .		Barczak Czaplewski Dobrowski Kopplin Lajsic Narlock Reinke Sengstock Vitale Weigel	AYE	NO	PRESENT	EXCUSED
SIGNATURE OF Chair Common com	rull	Vice-0			Membe	er	
ACTION DATE: 3-20-07	MOVER	SECONDER	Barczak Czaplewski Dobrowski Kopplin Lajsic Narlock Reinke Sengstock Vitale Weigel TOTAL	AYE V V V V V V V V V V V V V	NO	PRESENT	EXCUSED



City of West Allis

7525 W. Greenfield Ave. West Allis, WI 53214

Resolution

File Number: R-2007-0091 Final Action:

Sponsor(s):

Public Works Committee

MAR 2 0 2007

Resolution to approve bid of Milwaukee General Construction Company, Inc. for alley reconstruction at various locations within the City of West Allis, in the amount of \$474,857.72.

WHEREAS, The Board of Public Works reports that it duly advertised for bids for the furnishing of certain materials and the performance of all work required for the improvements in a certain area as hereinafter described; that the bids received as shown on the attached bid report were reasonable and hereby recommends and deems it to be for the best interests of the City of West Allis that the bid of Milwaukee General Construction Company, Inc. for 2007 Project No. 3 be accepted.

NOW, THEREFORE, BE IT RESOLVED By the Common Council of the City of West Allis that the bid of Milwaukee General Construction Company, Inc. for 2007 Project No. 3:

Alley Reconstruction
Various locations within the City of West Allis
(Plan File No(s). AP-370 through AP-376 and U-2422 through U-2428 and W-1227)

for the sum of four hundred seventy four thousand, eight hundred fifty seven dollars and seventy two cents (\$474,857.72)

be accepted, and the proper City officers are hereby authorized and directed to enter into contractual relations with said contractor for the performance of said work, in accordance with the prices submitted in their proposal and with the specifications of the City of West Allis, and that all other bids received for same be rejected; and,

BE IT FURTHER RESOLVED That said improvements be installed with funding by Bond Funds, Storm Water Management Funds, Water Utility Funds, and Special Assessments.

Eng07-16

ADOPTED

MAR 2 0 2007

Paul M. Ziehler, City Admin. Officer, Clerk/Treas.

APPROVED

11

Jeannette Bell, Mayor

CITY OF WEST ALLIS 2007 Project No. 3 Bid Opening - 3/15/07

ALLEY RECONSTRUCTION

N/S Alley between S. 73 St. - S. 74 St.: W. Hicks St. - W. Rogers St. (#1)

N/S Alley between S. 74 St. - S. 75 St.: Union Pacific Railroad to W. Hicks St. (#9)

N/S Alley between S. 70 St. - S. 71 St.: W. Burnham St. to W. Rogers St. (#2)

N/S Alley between S. 69 St. - S. 70 St.: W. Rogers St. to W. Becher St. (#3)

E/W Alley between S. 86 St. and 127' W/O S. 85 St.: W. Greenfield Ave. to W. Orchard St. (#12)

E/W Alley between S. 86 St. and S. 87 St.: W. Greenfield Ave. to W. Orchard St. (#13)

E/W Alley between S. 87 St. and S. 88 St.: W. Greenfield Ave. to W. Orchard St. (#14)

E/W Alley between S. 88 St. and S. 89 St.: W. Greenfield Ave. to W. Orchard St. (#15)

N/S And E/W alleys between S. 92 St. and S. 93 St.: W. Schlinger Ave. to LaFollette Park (Not including Southern Et/W Alley) (#17)

9. 7" Concrete Walk & Drive 1,880 sq. ft. 4.25 7,990.00 3.90 7,332.00 4.00 7,520.00 4.35 8,178.00 10.5 "Concrete Walk & Drive 7,090 sq. ft. 4.20 29,778.00 3.50 24,815.00 3.75 26,587.50 4.10 29,069.00 11. Concrete Curb & Gutter 290 lim. ft. 24,95 7,235.50 23.55 6,829.50 15.00 4,350.00 23.10 6,699.00 12. 7" Concrete Alley Pavement 5,930 sq. yds. 310 each 4.30 1,333.00 4.60 1,426.00 5.00 1,550.00 7.00 2,170.00 14. Base Aggregate Dense, 1½" 1,840 tons 9.91 18,234.40 11.65 21,436.00 16.38 30,139.20 14.00 25,760.00 15. Tack Coat 53 gallons 3.00 159.00 3.00 159.00 5.50 291.50 6.00 318.00 16. HMA Pavement (Type E-0.3) 52 tons 125.00 6,500.00 97.20 5,054.40 170.00 8,840.00 190.00 9,880.00 17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 19.00 0,880.00 19.10 10.00 19.00 9,880.00 19.00 19.00 9,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 19.00 0,880.00 19.0				Bid Bor	nd 5%	Bid Bond 5%		Bid Bond 5%		Bid Bond 5%	
ITEM				Milwaukee General		Wm Beaudoin & Sons Inc		Capitol Pavers		Snorek Construction Inc.	
New Berlin WI 53146 Greenfield WI 53228 Stockhield WI 53025 New Berlin WI 53146 Greenfield WI 53228											
ITEM											
ITEM						Brooklield VVI 33003		New Berlin VVI 30140		Greenied VVI 00220	
1. Excavation 936 cu. yds. 14.57 13.637.52 15.50 14.508.00 39.61 37.074.96 19.00 17.784.00 2. Grubbing 40 sq. yds. 39.98 1,599.20 40.00 1,600.00 25.00 10,000.00 45.00 1,800.00 4. Modular Block Wall, Complete 480 sq. ft. 24.00 11,520.00 28.00 13,440.00 25.00 12,000.00 28.00 13,000.00 28.00 13,000.00 28.00 13,000.00 28.00 13,440.00 25.00 12,000.00 28.00 13,440.00 25.00 12,000.00 28.00 13,440.00 25.00 12,000.00 28.00 13,440.00 25.00 12,000.00 28.00 13,440.00 28.00 13,440.00 28.00 13,440.00 28.00 13,440.00 28.00 13,440.00 28.00 13,440.00 28.00 13,440.00 28.00 13,440.00 28.00 13,440.00 28.00 18.40.00 4.60 23.00 4.00 11.60.00 4.60 23.00 4.00 11.60.00 4.60 </td <td></td> <td></td> <td></td> <td>wwwance</td> <td>W 00221</td> <td></td> <td></td> <td colspan="2"></td> <td></td> <td></td>				wwwance	W 00221						
2. Grubbing 39 sq. yds. 39.98 1,599.20 40.00 1,600.00 25.00 1,000.00 45.00 1,800.00 4.00 3.900.00 13.00 5,070.00 4.00 4.00 1.000.00 3.900.00 13.00 5,070.00 4.000 4.000 1.000.00 3.900.00 13.00 5,070.00 4.000 4.000 1.000.00 3.900.00 13.00 5,070.00 5.00 13.400.00 25.00 12.000.00 28.00 13.440.00 25.00 12.000.00 28.00 13.440.00 5.00 13.400.00 25.00 12.000.00 28.00 13.400.00 5.000 13.400.00 25.00 12.000.00 28.00 13.400.00 1.000 3.900.00 15.00 15.00 13.00 5,536.00 4.00 4.000 1.000 3.900.00 15.0		ITEM	UNITS	PRICE				A. I S.			
3 Sodding 3 90 Sq, yds. 4 Modular Block Wall, Complete 4 80 Sq, ft. 2 4.00 11,520.00 2 8.00 13,440.00 2 5.00 12,000.00 2 5.00 12,000.00 2 8.00 13,440.00 2 5.00 12,000.00 2 8.00 13,440.00 2 5.00 12,000.00 2 8.00 13,440.00 2 5.00 12,000.00 2 8.00 13,440.00 2 5.00 12,000.00 2 8.00 13,440.00 2 5.00 12,000.00 2 8.00 13,440.00 2 5.00 12,000.00 2 8.00 13,440.00 2 5.00 12,000.00 2 8.00 13,440.00 2 5.00 12,000.00 1.50	1.		936 cu. yds.					24.10.00.00.00.00.00.00.00.00.00.00.00.00.			
4. Modular Block Wall, Complete 48 0. sq. ft. 24.00 11,520.00 28.00 13,440.00 25.00 12,000.00 28.00 13,440.00 6. Walk & Drive Removal 10,600 sq. ft. 0.65 6,890.00 0.40 4,240.00 0.80 8,480.00 0.62 6,572.00 7. Curb Removal 2.90 lin. ft. 4,30 1,247.00 4.50 1,305.00 4.00 1,160.00 4.60 1,334.00 8. Pavement Removal 5,950 sq. yds. 4.15 24,692.50 4.50 26,775.00 8.44 50,218.00 5.75 34,212.50 9. 7" Concrete Walk & Drive 1,880 sq. ft. 4.25 7,990.00 3.90 7,332.00 4.00 7,520.00 4.35 8,178.00 10. 5" Concrete Walk & Drive 7,909 sq. ft. 4.20 29,778.00 3.50 24,815.00 3.75 26,587.50 4.10 29,089.00 11. Concrete Curb & Gutter 290 lin. ft. 2.49 29,778.00 3.50 24,815.00 3.75 26,587.50 4.10 29,969.00 12. To Concre	2.		40 sq. yds.								
5. Asphalt/Concrete Sawing 6. Walk & Drive Removal 7. Curb Removal 7. Curb Removal 8. Pavement Removal 8. Pavement Removal 9. Pavement Removal 9. Sp50 sq. yds. 9. 7" Concrete Walk & Drive 1. 880 sq. ft. 1. 42.0 29,778.00 1. 5" Concrete Walk & Drive 1. 80 sq. yds. 1. 42.0 29,778.00 1. 5" Concrete Walk & Drive 1. 80 sq. yds. 1. 42.0 29,778.00 1. 5" Concrete Walk & Drive 1. 80 sq. yds. 1. 42.0 29,778.00 1. 5" Concrete Walk & Drive 1. 80 sq. yds. 1. 42.0 29,778.00 1. 5" Concrete Walk & Drive 1. 80 sq. yds. 1. 42.0 29,778.00 1. 5" Concrete Walk & Drive 1. 80 sq. yds. 1. 42.0 29,778.00 1. 5" Concrete Walk & Drive 1. 80 sq. yds. 1. 80	3.	Sodding	390 sq. yds.	14.50	5,655.00	12.60	4,914.00	10.00		13.00	
6. Walk & Drive Removal 7. Curb Removal 290 lin. ft. 4.30 1,247.00 4.50 1,305.00 4.00 1,160.00 4.60 1,334.00 4.00 1,160.00 4.60 1,334.00 9.7° Concrete Walk & Drive 1,880 sq. ft. 4.25 7,990.00 3,90 7,332.00 4.00 7,520.00 4.35 1,782.00 4.35 1,782.00 1,782.0	4.	Modular Block Wall, Complete	480 sq. ft.	24.00	11,520.00	28.00		25.00		28.00	
7. Curb Removal 290 lin. ft. 4.30 1.247.00 4.50 1.305.00 4.00 1.160.00 4.60 1.334.00 8. Pavement Removal 5,950 sq. yds. 4.15 24.692.50 4.50 26,775.00 8.44 50,218.00 5.75 34,212.50 9. 7" Concrete Walk & Drive 1.880 sq. ft. 4.25 7,990.00 3.90 7,332.00 4.00 7,520.00 4.35 8,178.00 10. 5" Concrete Walk & Drive 7,090 sq. ft. 4.20 29,778.00 3.90 24.815.00 3.75 26,587.50 4.10 29,069.00 11. Concrete Curb & Gutter 290 lin. ft. 24.95 7,235.50 23.55 6,829.50 15.00 4,350.00 23.10 6,699.00 12. 7" Concrete Alley Pavement 5,930 sq. yds. 24.50 145,285.00 28.65 169,894.50 22.00 130,460.00 27.80 164,854.00 13. Pavement Ties 310 each 4.30 1,333.00 4.60 1,426.00 5.00 1,550.00 7.00 2,170.00 15. Tack Coat 53 gallons 3.00 159.00 3.00 159.00 5.50 291.50 6.00 318.00 15. Tack Coat 53 gallons 3.00 159.00 3.00 159.00 5.50 291.50 6.00 318.00 18. 12" dia. Storm Sewer 72 lin. ft. 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 190.00 3,860.00 1	5.	Asphalt/Concrete Sawing	3,460 lin. ft.	1.35	4,671.00	1.35	4,671.00	1.50	5,190.00	1.60	5,536.00
8. Pavement Removal 5,950 sq. yds. 9.7 "Concrete Walk & Drive 1,880 sq. ft. 4.25 7,990.00 3.90 7,332.00 4.00 7,520.00 4.35 8,178.00 10.5" Concrete Walk & Drive 7,990 sq. ft. 4.25 7,990.00 3.90 7,332.00 4.00 7,520.00 4.35 8,178.00 11. Concrete Curb & Gutter 290 lin. ft. 24.95 7,235.50 23.55 6,829.50 15.00 4,350.00 23.10 6,699.00 12. 7" Concrete Alley Pavement 5,930 sq. yds. 24.50 145,285.00 28.65 169.894.50 22.00 130,460.00 27.80 164,854.00 14.60 14.60 0 5.00 1,550.00 7.00 2,170.00 14. Base Aggregate Dense, 1½" 1,840 tons 9,91 18,234.40 11.65 21,436.00 16.38 30,139.20 14.00 25,760.00 17. Tack Coat 53 gallons 3.00 159.00 97.20 5,054.40 170.00 8,840.00 190.00 9,880.00 17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 220.00 3,960.00 18. 12" DI. W.M. (Relay), CL 53 R.G.J. 18,33 lin. ft. 30.10 55,173.30	6.	Walk & Drive Removal	10,600 sq. ft.	0.65	6,890.00	0.40	4,240.00	0.80	8,480.00	0.62	6,572.00
9. 7" Concrete Walk & Drive 1,880 sq. ft. 4.25 7,990.00 3.90 7,332.00 4.00 7,520.00 4.35 8,178.00 10.5 "Concrete Walk & Drive 7,090 sq. ft. 4.20 29,778.00 3.50 24,815.00 3.75 26,587.50 4.10 29,069.00 11. Concrete Curb & Gutter 290 lim. ft. 24,95 7,235.50 23.55 6,829.50 15.00 4,350.00 23.10 6,699.00 12. 7" Concrete Alley Pavement 5,930 sq. yds. 310 each 4.30 1,333.00 4.60 1,426.00 5.00 1,550.00 7.00 2,170.00 14. Base Aggregate Dense, 1½" 1,840 tons 9.91 18,234.40 11.65 21,436.00 16.38 30,139.20 14.00 25,760.00 15. Tack Coat 53 gallons 3.00 159.00 3.00 159.00 5.50 291.50 6.00 318.00 16. HMA Pavement (Type E-0.3) 52 tons 125.00 6,500.00 97.20 5,054.40 170.00 8,840.00 190.00 9,880.00 17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 19.00 0,880.00 19.10 10.00 19.00 9,880.00 19.00 19.00 9,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 0,880.00 19.00 19.00 19.00 0,880.00 19.0	7.	Curb Removal	290 lin. ft.	4.30	1,247.00	4.50	1,305.00	4.00	1,160.00	4.60	1,334.00
9. 7" Concrete Walk & Drive 1,880 sq. ft. 7,990.00 1,990 sq. ft. 1,000 s	8.	Pavement Removal	5,950 sq. yds.	4.15	24,692.50	4.50	26,775.00	8.44	50,218.00	5.75	34,212.50
11. Concrete Curb & Gutter 290 lin. ft. 24.95 7,235.50 23.55 6,829.50 15.00 4,350.00 23.10 6,699.00 12. 7" Concrete Alley Pavement 5,930 sq. yds. 24.50 145,285.00 28.65 169,894.50 22.00 130,460.00 27.80 164,854.00 13. Pavement Ties 310 each 4.30 1,333.00 4.60 1,426.00 5.00 1,550.00 7.00 2,170.00 14. Base Aggregate Dense, 1½" 1,840 tons 9.91 18,234.40 11.65 21,436.00 16.38 30,139.20 14.00 25,760.00 15. Tack Coat 53 gallons 3.00 159.00 3.00 159.00 5.50 291.50 6.00 318.00 16. HMA Pavement (Type E-0.3) 52 tons 125.00 6,500.00 97.20 5,054.40 170.00 8,840.00 190.00 9,880.00 17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 19.00 9,880.00 19. 10" dia. Storm Underdrain 1,427 lin. ft. 35.90 51,229.30 35.90 51,229.30 35.90 51,229.30 18. 12" D.I.W.M. (Relay), CL 53 R.G.J. 628 lin. ft. 69.00 43,332.00 69.00 43,332.00 69.00 43,332.00 69.00 43,332.00 69.00 43,332.00 69.00 43,332.00 69.00 43,332.00 69.00 43,332.00 69.00 43,332.00 69.00 1,200.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,000.00 3,000.00 20.00 20.00 20.00 3,0	9.	7" Concrete Walk & Drive		4.25	7,990.00	3.90	7,332.00	4.00	7,520.00	4.35	8,178.00
12. 7" Concrete Alley Pavement 5,930 sq. yds. 310 each 4.30 1,333.00 4.60 1,426.00 5.00 1,550.00 7.00 2,170.00 14. Base Aggregate Dense, 1½" 1,840 tons 53 gallons 15. Tack Coat 53 gallons 16. HMA Pavement (Type E-0.3) 52 tons 125.00 6,500.00 97.20 5,054.40 170.00 8,840.00 190.00 9,880.00 17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 190.00 1,000	10.	5" Concrete Walk & Drive	7,090 sq. ft.	4.20	29,778.00	3.50	24,815.00	3.75	26,587.50	4.10	29,069.00
13. Pavement Ties 310 each 4.30 1,333.00 4.60 1,426.00 5.00 1,550.00 7.00 2,170.00 14. Base Aggregate Dense, 1½" 1,840 tons 9.91 18,234.40 11.65 21,436.00 16.38 30,139.20 14.00 25,760.00 16. HMA Pavement (Type E-0.3) 52 tons 125.00 6,500.00 97.20 5,054.40 170.00 8,840.00 190.00 9,880.00 17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 3,600.00 3,600.00 200.00 3,60	11.	Concrete Curb & Gutter	290 lin. ft.	24.95	7,235.50	23.55	6,829.50	15.00	4,350.00	23.10	6,699.00
14. Base Aggregate Dense, 1¼"	12.	7" Concrete Alley Pavement	5,930 sq. yds.	24.50	145,285.00	28.65	169,894.50	22.00	130,460.00	27.80	164,854.00
15. Tack Coat 53 gallons 5.3 gallons 1.59.00 3.00 159.00 5.50 291.50 6.00 318.00 16. HMA Pavement (Type E-0.3) 52 tons 125.00 6,500.00 97.20 5,054.40 170.00 8,840.00 190.00 9,880.00 17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 220.00 3,960.00 18. 12" dia. Storm Sewer 72 lin. ft. 44.00 3,168.00 44.00 3,168.00 44.00 3,168.00 44.00 3,168.00 44.00 3,168.00 44.00 3,168.00 190	13.	Pavement Ties	310 each	4.30	1,333.00	4.60	1,426.00	5.00	1,550.00	7.00	2,170.00
15. Tack Coat 53 gallons 3.00 159.00 3.00 159.00 5.50 291.50 6.00 318.00 16. HMA Pavement (Type E-0.3) 52 tons 125.00 6,500.00 97.20 5,054.40 170.00 8,840.00 190.00 9,880.00 17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 220.00 3,600.00 18. 12" dia. Storm Sewer 72 lin. ft. 44.00 3,168.00 44.00 44.	14.	Base Aggregate Dense, 11/4"	1,840 tons	9.91	18,234.40	11.65	21,436.00	16.38	30,139.20	14.00	25,760.00
16. HMA Pavement (Type E-0.3) 52 tons 125.00 6,500.00 97.20 5,054.40 170.00 8,840.00 190.00 9,880.00 17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 3,600.00 3,600.00 3,600.00 3,600.00 3,600.00 3,600.00 3,600.00 3,600.00 3,600.00 3,600.00			53 gallons	3.00	159.00	3.00	159.00	5.50	291.50	6.00	318.00
17. Adjust Utility Frames 18 vert. ft. 200.00 3,600.00 200.00 3,600.00 200.00 3,600.00 220.00 3,960.00 18. 12" dia. Storm Sewer 72 lin. ft. 44.00 3,168.00 40.00 3,168.00 40.00 3,168.00 40.00 3,168.00 40.00 40.00 40.00 40.00 40.00	16.	HMA Pavement (Type E-0.3)		125.00	6.500.00	97.20	5,054.40	170.00	8,840.00	190.00	9,880.00
18. 12" dia. Storm Sewer 72 lin. ft. 44.00 3,168.00 40.00 3,168.00 40.00 3,168.00 40.00 3,168.00 40.00 3,168.00 40.00 3,168.00 30.00 35.00 3			18 vert. ft.	200.00	3,600.00	200.00	3,600.00	200.00	3,600.00	220.00	3,960.00
20. 6" dia. Storm Underdrain 21. 12" D.I.W.M. (Relay), CL 53 R.G.J. 21. 12" Watermain Connection 22. 12" Watermain Connection 23. Alley Type Catch Basins 24. Alley Type Offset Catch Basins 30. 10 55,173.30 30.10 55,173.30 30.10 5,100.00 30.00 1,200.00 30.00 1,200.00 30.00 1,200.00 30.00 1,900.00 30.00 1,900.00 30.00 1,900.00 30.00 1,900.00 30.00 1,900			72 lin. ft.	44.00	3,168.00	44.00	3,168.00	44.00	3,168.00	44.00	3,168.00
20. 6" dia. Storm Underdrain 21. 12" D.I.W.M. (Relay), CL 53 R.G.J. 21. 12" Watermain Connection 22. 12" Watermain Connection 23. Alley Type Catch Basins 24. Alley Type Offset Catch Basins 30. 10 55,173.30 30.10 55,173.30 30.10 5,100.00 1,200.00 1,200.00 1,200.00 1,200.00 1,200.00 1,900.00 1,900.00 1,900.00 1,900.00 1,	19.	10" dia. Storm Underdrain	1,427 lin. ft.	35.90	51,229.30	35.90	51,229.30	35.90	51,229.30	35.90	51,229.30
21. 12" D.I.W.M. (Relay), CL 53 R.G.J. 628 lin. ft. 69.00 43,332.00 69.00 2,400.00 1,200.00 2,400.00 1,200.00 1,200.00 1,200.00 1,200.00 1,200.00 1,200.00 1,200.00 1,6100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,900.00 7,600.00 1,900.00 7,600.00 1,900.00 7,600.00 1,900.00 320.00 1,900.00 320.00 1,900.00 320.00 1,900.00 <t< td=""><td>20.</td><td>6" dia, Storm Underdrain</td><td>0.00</td><td>30.10</td><td></td><td>30.10</td><td>55,173.30</td><td>30.10</td><td>55,173.30</td><td>30.10</td><td>55,173.30</td></t<>	20.	6" dia, Storm Underdrain	0.00	30.10		30.10	55,173.30	30.10	55,173.30	30.10	55,173.30
22. 12" Watermain Connection 2 units 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 1,200.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 2,400.00 1,50	21.	12" D.I.W.M. (Relay), CL 53 R.G.J.	628 lin. ft.	69.00		69.00	43,332.00	69.00	43,332.00	69.00	43,332.00
23. Alley Type Catch Basins 14 units 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 16,100.00 1,150.00 1,200.00 2,000.00 1,200.00 2,000.00 1,200.00			2 units	1,200.00		1,200.00		1,200.00		1,200.00	2,400.00
24. Alley Type Offset Catch Basins 4 units 1,900.00 7,600.00 1,900.00 320.00 1,920.00 320.00 1,920.00 320.00 1,920.00 320.00 200.00 440.00 200.00 440.00 200.00 440.00 200.00 230.00 230.00 230.00 230.00 230.00 230.00 230.00 230.00 230.00 230.00 230.00 230.00 350.00 350.00 350.00 350.00 350.00 350.00 350.00 350.00 350.00			14 units				16,100.00	1,150.00		1,150.00	16,100.00
25. 3'-6" Dia. Storm Manhole (1) 6 vert. ft. 320.00 1,920.00 320.00 1,920.00 320.00 1,920.00 320.00 1,920.00 320.00 1,920.00 320.00 1,920.00 320.00 1,920.00 320.00 1,920.00 320.00 1,920.00 320.00 1,920.00 320.00 200.00 440.00 200.00 440.00 220.00 220.00 230.00 350.00		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1						1,900.00	7,600.00	1,900.00	7,600.00
26. Manhole Adjustment 2 vert. ft. 200.00 400.00 200.00 400.00 200.00 400.00 220.00 440.00 27. Miscellaneous Manhole Repair 1 unit 230.00 350.00			[]					320.00		320.00	1,920.00
27. Miscellaneous Manhole Repair 1 unit 230.00 350.00 350.0		3 /								220.00	
28. Storm Service Reconnections 1 unit 350.00		- 40.0 MacAle 00.0 00.1 12.5									
29. Inlet Protection Barrier 23 units 36.00 828.00 50.00 1,150.00 30.00 690.00 60.00 1,380.00 30. Traffic Control 1 lump sum 2,100.00 2,100.00 3,000.00 13,000.00 13,000.00 20,000.00 20,000.00		3 () ' () () () () () () () () () () () () ()	8557 850 TBY 7.555								
30. Traffic Control 1 lump sum 2,100.00 2,100.00 3,000.00 13,000.00 13,000.00 20,000.00 20,000.00											
	2000										
				-,	474,857.72	-,	498,052.00	,	527,953.76		539,959.10