

Finkbeiner, Pettis & Strout, Inc.
Consulting Engineers

CHANGE ORDER No. 1

PROJECT:	City of Mason, Community Center Water and Sewer Extension
Date of Issuance:	
Effective Date:	

OWNER:	City of Mason
ENGINEER:	Finkbeiner, Pettis & Strout, Inc.
CONTRACTOR:	W.G. Stang

The following changes have been incorporated into the Contract Documents.

- Description: #1. Contract Item #1, Granular backfill, increased 368 C.Y. at \$20.00 per C.Y.
#2. Item #2, Low strength mortar backfill, increased 250 C.Y. at \$80.00 per C.Y.
#3. Item #3, Rock excavation, deleted 1742 C.Y. at \$1.00 per C.Y.
#4. Item #5, Replace asphalt road and curb, increased 92.2 S.Y. at \$40.00 per S.Y.
#5. Item #6, Concrete pavement, increased 6.7 C.Y. at \$500.00 per C.Y.
#6. Item #7, Concrete sidewalk, increased 117 S.F. at \$4.00 per S.F.
#7. Item #8, Manholes, decreased 1 L.F. at \$125.00 per L.F.
#8. Item #9, 8" Drop connections, decreased 2 L.F. at \$65.00 per L.F.
#9. Item #15, 6" Water main, increased 136.5 L.F. at \$30.00 per L.F.
#10. Item #18, 6" Valve, increased 1 Each at \$600.00 Each.
#11. Item #22, 2" Service tap, deleted 1 at \$500.00 Each.
#12. Item #23, 2" Water service, deleted 165 L.F. at \$15.00 per L.F.
#13. Item #24, Connect 2" service at meter pit, deleted 1 at \$500.00 per L.S.
#14. Item #25, 22" steel casing pipe, deleted 31 L.F. at \$50.00 per L.F.
#15. Item #26, 15" Sanitary sewer, 12'-16' deep, increased 38 L.F. at \$40.00 per L.F.
#16. Item #27, 15" Sanitary sewer, 16'-20' deep, decreased 6 L.F. at \$42.00 per L.F.
#17. Item #31, 12" Sanitary sewer, 12'-16' deep, decreased 35 L.F. at \$36.00 per L.F.
#18. Item #35, 8" Sanitary sewer, 12'-16' deep, increased 20 L.F. at \$36.00 per L.F.
#19. Item #36, 6" Sanitary sewer, 16'-20' deep, decreased 20 L.F. at \$30.00 per L.F.
#20. Item #38, 6" Pipe and smaller repairs, decreased 350 L.F. at \$10.00 per L.F.
#21. Item #39, 8" Pipe thru 12" repairs, decreased 100 L.F. at \$20.00 per L.F.
#22. Item #40, 15" Pipe thru 21" repairs, decreased 50 L.F. at \$40.00 per L.F.
#23. Item #41, 24" Pipe and larger repairs, decreased 25 L.F. at \$50.00 per L.F.
#24. New Item #42, 3/4" Water service tap with meter pit, added 2 at \$1000.00 Each.
#25. New Item #43, Modify sanitary M.H. #2, added 1 at \$3715.00 L.S.
#26. New Item #44, 8"X6" Reducer, added 2 Each at \$250.00 Each.

- Reason for Change Order: #1. See Work Change Directive #2, Item #1.
#2. Additional open cuts in roadway required because existing casings located incorrectly and lowering of lateral at M.H. #2 because of design changes at new municipal building.
#3. No rock encountered.
#4. Additional open cuts in roadway required because existing casings located incorrectly.
#5. Additional cutting of drive to nearest joint required.
#6. Additional sidewalk replacement required because of lateral to meter pit and sidewalk at water line at Sta. 34+10, 35+00 and 52+00.
#7. See Work Change Directive #2, Item #4.
#8. See Work Change Directive #2, Item #3.
#9. See Work Change Directive #3, Item #1.
#10. See Work Change Directive #3, Item #2.
#11. Deleted because of Work Change Directive #3, Item #3.
#12. See Work Change Directive #3, Item #3.
#13. Deleted because of Work Change Directive #3, Item #3.
#14. Roadway open cut instead of using casing at City request.
#15. See Work Change Directive #1, Item #1.
#16. See Work Change Directive #1, Item #3.
#17. See Work Change Directive #1, Item #1.
#18. See Work Change Directive #1, Item #2.
#19. See Work Change Directive #1, Item #2.
#20. Not used because no work required.
#21. Not used because no work required.
#22. Not used because no work required.
#23. Not used because no work required.
#24. Additional work at the request of the City, see attached letter.

ORDINANCE NO. 2001-162

AUTHORIZING THE CITY MANAGER TO APPROVE A CHANGE ORDER IN THE AMOUNT OF \$31,902.00 TO INCREASE THE CONTRACT OF W.G. STANG, INC. FOR THE EXTENSION OF WATER AND SEWER MAINS FOR THE MUNICIPAL COMPLEX, RECREATION CENTER AND LOU EVES SWIMMING POOL

WHEREAS, a contract was entered into with W.G. Stang, Inc. under Ordinance No. 2000-205 authorizing the expenditure of \$487,509.00 for the extension of water and sewer mains for the municipal complex, recreation center and Lou Eves Swimming Pool; and

WHEREAS, a change order to increase the amount of the contract in the amount of \$31,902.00 is necessary to properly complete the project.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Mason, Ohio, _____ members elected thereto concurring:

Section 1. That the City Manager is hereby authorized to approve a change order to increase the contract of W.G. Stang, Inc. in the amount of \$31,902.00.

Section 2. That the Finance Director is hereby authorized to pay to W.G. Stang, Inc. a sum not to exceed \$31,902.00 for said change order as set forth on the attached Exhibit "A".

Section 3. That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed this day of August, 2001.

Mayor

Attest:

Clerk of Council

8/8/2001

- #25. Additional work at the request of the City, see attached letter.
- #26. Additional work at the request of the City, see attached letter.

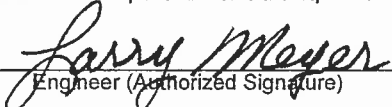
Attachments: (List documents supporting change): Calculation sheet summarizing changes
 Work Change Directives #1 through #3
 Letter from City requesting additional work.
 W.G. Stang, Inc. Proposals

CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIME	
Original Contract Price	\$487,509.00	Original Contract Time:	90
		Substantial Completion:	3/30/01
		Final Completion:	4/30/01
			(indicate days or dates)
Net changes from previous Change Orders	\$0.00	Net changes from previous Change Orders	0
Net Increase (decrease) of this Change Order	\$28,632.00	Net change increase (decrease) of this Change Order	0
Adjusted Contract Price with all approved Changed Orders	\$516,141.00	Adjusted Contract Time with all approved Change Orders	90
		Substantial Completion:	90
		Final Completion:	120

RECOMMENDED BY:
 Finkbeiner, Pettis & Strout, Inc.

ACCEPTED BY:
 W.G. Stang, Inc.

APPROVED BY:
 City of Mason



 Engineer (Authorized Signature)

 Contractor (Authorized Signature)

 Owner (Authorized Signature)

7-19-01

 Date

 Date

 Date

City Of Mason
 Community Center Water and Sewer Extention
 Change Order #1 Summary Sheet

C.O.#1 Adjustment

Item	Amount Unit	Unit Cost	Increase/Decrease
1	368 C.Y.	20	\$7,360
2	250 C.Y.	80	\$20,000
3	1742 C.Y.	1	(\$1,742)
4	92.2 S.Y.	40	\$3,688
5	3.7 C.Y.	500	\$1,850
6	117 S.F.	4	\$468
7	1 L.F.	125	(\$125)
8	2 L.F.	65	(\$130)
9	136.5 L.F.	30	\$4,095
10	1 Each	600	\$600
11	1 L.S.	500	(\$500)
12	165 L.F.	15	(\$2,475)
13	1 L.S.	500	(\$500)
14	31 L.F.	50	(\$1,550)
15	38 L.F.	40	\$1,520
16	6 L.F.	42	(\$252)
17	35 L.F.	36	(\$1,260)
18	20 L.F.	36	\$720
19	20 L.F.	30	(\$600)
20	350 L.F.	10	(\$3,500)
21	100 L.F.	20	(\$2,000)
22	50 L.F.	40	(\$2,000)
23	25 L.F.	50	(\$1,250)
24	2 Each	1000	\$2,000
25	1 L.S.	3715	\$3,715
26	2 Each	250	\$500

Net Increase

\$28,632.00

WORK CHANGE DIRECTIVE

No. 1

PROJECT: City of Mason
Community Center Water and Sewer Extension

Date of Issuance: 12-20-00

Effective Date: 12-20-00

OWNER: City of Mason

CONTRACTOR: W.G. Slang, Inc.

ENGINEER: Finkbeiner, Pettis & Strout, Inc.

You are directed to proceed promptly with the following change(s):

Description:

1. Move Manhole #5 38' to the South, an additional 38' of 15" pipe, 12'-16" deep at \$40.00 per linear foot, which will also shorten run between Manhole #5 and Manhole #6 from 400' to 365', a reduction of 35' of 12" pipe, 12'-16" deep at \$36.00 per linear foot.
2. Move 6" Stub at Manhole #6 to Manhole #7 and increase Stub size to 8" an increase of \$6.00 per linear foot for a 20' Stub Out.
3. Move Manhole #1, 6' to the east, a reduction of 6' of 15" pipe, 18'-20" deep at \$42.00 per linear foot.

Purpose of Work Change Directive:

1. To simplify and accommodate the future connection of the Community Center Sanitary Sewer to the stub out and minimize disruption to adjacent parking lot and storm drainage facilities.
2. Moved to accommodate updated Community Center design changes.
3. Moved to adapt to the Mason-Montgomery Road Improvement design.

Attachments: (list documents supporting change):

- Sheet #8 of 11 of the Community Center Water and Sewer Extension plan set.
- 8 1/2" X 11" copy of area at Manhole #1
- Calculation sheet for cost change.

If OWNER or CONTRACTOR believes that the above change has affected Contract Price or Contract Time, any Claim for a Change Order based thereon will involve one or more of the following methods as defined in the Contract Documents.

Method of determining change in Contract Price:

- Unit Prices
- Lump Sum
- Cost of the Work

Estimated increase in Contract Price:

\$ 128.00

If the change involves an increase, the estimated amount is not to be exceeded without further authorization.

Estimated increase (decrease) in Contract Times:

Substantial Completion: 0 days

Ready for Final Payment: 0 days

If the change involves an increase, the estimated times are not to be exceeded without further authorization.

RECOMMENDED:

FINKBEINER, PETTIS & STROUT, INC.
ENGINEER

By: Lissy Meyer

APPROVED:

CITY OF MASON
OWNER

By: [Signature]

WORK CHANGE DIRECTIVE

No. 2

PROJECT: City of Mason
Community Center Water and Sewer Extension

Date of Issuance: 1-15-01

Effective Date: 01-15-01

OWNER: City of Mason

CONTRACTOR: W.G. Stang, Inc.

ENGINEER: Finkbeiner, Pettis & Strout, Inc.

You are directed to proceed promptly with the following change(s):

Description:

1. Add water line notes #2, #3, and #4 to plan sheet #6 of 11. Note #2: Work on golf course to be completed by March 1,2001. Note #3: Backfill of water main on golf course to be compacted granular material. Top 12" to be topsoil. Note #4: seed mix to be used on golf course to be 25% Arcadia Kentucky Bluegrass, 25% Fairfax Kentucky Bluegrass, 25% Omni Perennial Ryegrass, 25% Penquin Perennial Rygrass. No cost Correction.
2. Water line to have 60" of cover from station 51 + 45 to station 51 + 60. No Cost Correction..
3. Eliminate drop connection at manhole #11. A reduction of 2' at \$65.00 per foot..
4. Lower manhole #1 from El. 816.5 to El. 815.5, A reduction of 1' at \$125.00 per foot.

Purpose of Work Change Directive:

1. To comply with letter from Kings Island golf center.
2. To comply with letter form Kings Island golf center.
3. Drop connection not required.
4. To accommodate new grade in Mason-Montgomery Road improvement design.

Attachments: (list documents supporting change):

1. Sheet #6 of 11 of Community Center Water and Sewer Extension Drawings.
2. Copy of Letter from Kings Island golf center.
3. Calculation sheet for cost change.

If OWNER or CONTRACTOR believes that the above change has affected Contract Price or Contract Time, any Claim for a Change Order based thereon will involve one or more of the following methods as defined in the Contract Documents.

Method of determining change in Contract Price:

X Unit Prices
 Lump Sum
 Cost of the Work

Estimated (decrease) in Contract Price:

\$ -255.00

Estimated increase (decrease) in Contract Times:

Substantial Completion: 0 days

Ready for Final Payment: 0 days

If the change involves an increase, the estimated amount is not to be exceeded without further authorization.

If the change involves an increase, the estimated times are not to be exceeded without further authorization.

RECOMMENDED:

Finkbeiner, Pettis & Strout, Inc.
ENGINEER

By: Larry Meyer 1-15-01

APPROVED:

City of Mason
OWNER

By: [Signature] 1-16-01

Finkbeiner, Pettis and Strout, Inc.
Consulting Engineers

WORK CHANGE DIRECTIVE No. 3

PROJECT: City of Mason
Community Center Water and Sewer Extension

Date of Issuance: 3-6-01

Effective Date: 3-1-01

OWNER: City of Mason

CONTRACTOR: W. G. Stang

ENGINEER: Finkbeiner, Pettis & Strout, Inc.

You are directed to proceed promptly with the following change(s):

Description:

1. Install 180 lineal feet of 6" water main to community pool at \$30.00 per foot.
2. Install 1- 6" gate valve at community pool service main at \$600.00 each.
3. Delete 165 lineal feet of 2" water service to community pool at \$15.00 per foot.

Purpose of Work Change Directive:

1. By request of the City of Mason.
2. By request of the City of Mason.
3. By request of the City of Mason.

Attachments: (List documents supporting change):

1. Calculation work sheet.
2. Copy of contractor's quote

If a claim is made that the above change(s) have affected Contract Price or Contract Time any claim for a Change Order based thereon will involve one or more of the following methods of determining the effect of the change(s).

Method of determining change in Contract Price:

- Unit Prices
 Lump Sum
 Other

Method of determining change in Contract Time:

- Contractor's records
 Engineer's records
 Other

Estimated increase in Contract Price:
\$ 3525.00

Estimated increase (decrease) in Contract Time:

Substantial Completion: 0 days

Final Completion: 0 days

If the change involves an increase, the estimated amount is not to be exceeded without further authorization.

If the change involves an increase, the estimated times are not to be exceeded without further authorization.

RECOMMENDED BY:

Finkbeiner, Pettis & Strout, Inc.

By: Larry Meyer
Engineer (Authorized Signature)

Larry Meyer

3-2-01
Date

APPROVED BY:

City of Mason

By: Kathy Dorman
Owner (Authorized Signature)

Kathy Dorman

3-7-01
Date

