

MAYFIELD VILLAGE REQUISITION

PO #: _____

REQ. #: 44549

VENDOR #: 04079 DEPT.: Rec

DATE: 2/7/19

VENDOR NAME: Cranic Construction

BILLING ADDRESS 1: _____

ADDRESS 2: _____

CITY, STATE, ZIP: _____

PHONE: _____

CONTACT: _____

TIN: _____

ITEM / SERVICE:

QUANTITY	UNIT	DESCRIPTION	PRICE/UNIT	AMOUNT
		Cranic Construction		\$8250

JUSTIFICATION OF NEED: Repair of Parkview Slide

ACCOUNT #: 101.750.50383

AMOUNT: \$8250

REQUESTED BY: gm

DEPT. APPROVAL: gm

MAYOR'S APPROVAL: _____

CLERK: _____ (Certification of Council Approval)

FINANCE DIRECTOR INITIAL: _____ NOTES: For Council

MEMORANDUM

TO: Council President Saponaro and Members of Council
FROM: Shane McAvinew, Director of Parks and Recreation
DATE: February 2, 2019
RE: **Parkview Slide Bolt Repair (Agenda Item)**

On 8/20/2018, a Structural Engineer from 4C Structural Engineering LLC examined the condition of the existing anchor rods on the Parkview Pool Slide. The examination revealed severe corrosion of some of the anchor rods, resulting in delamination and loss of the material. He furthermore sited, that this level of corrosion could reduce the anchor rod strength to less than required, and made a recommendation to modify the damaged anchor rods (*see attached proposal).

Based upon the specifications, Mayfield Village requested proposals from (3) three companies listed below:

Parkview Pool Slide Repair		
Company		Cost
Cianci Construction		\$8250
Giordano Construction		\$19800
Platen Construction		DNB

Mayfield Village requested (3) three proposals and at this point received (2) proposals to complete the work specified by the structural engineer. The lowest proposal, Cianci Construction, has successfully completed multiple jobs for Mayfield Village such as the pool heater house, The Grove, and the columns in front of the pool. Based upon the cost of the proposal, and work successfully completed, I would recommend Cianci Construction.

This expense is accounted for in the Recreation Capital Budget.

Approval Requested:

A motion to authorize an expenditure in an amount not to exceed \$8250.00 to Cianci Construction to remove the corroded anchor rods entirely and replace with new anchor rods epoxied to the existing drilled pier foundations.

cc: Mayor Brenda T. Bodnar
Department Heads

4C Structural Engineering LLC

12741 Clearbrook Oval • North Royalton, OH 44133 • (216) 536-4176
alex.mrkajic@4CSE.biz



Project: 18.64.0

08/21/2018

Shane McAvineu
Parks & Recreation Director
6622 Wilson Mills Road
Mayfield Village, OH 44143

Dear Mr. McAvineu:

We would like to offer our services to you to **design modifications of the existing slide anchor rods** at Parkview Pool, located at 425 North Commons Blvd, Mayfield Village, OH 44143.

On 08/20/2018, an engineer from our office visited the site and examined the condition of the existing anchor rods. This visual exam revealed severe corrosion of some of the anchor rods, resulting in delamination and loss of the material. This level of corrosion can reduce the anchor rod strength to less than the required strength to support the loading the slide is subjected to. At this time, we recommend modifying the severely damaged anchor rods, and would like to offer our services to design the modifications.

The scope of the modification design includes: 1.) removing the corroded nuts and anchor rods above the base plate, and replacing with a weld to be designed by this office and performed in-field by a certified welder, 2.) removing the corroded anchor rods entirely and replacing with new anchor rods epoxied to the existing drilled pier foundations.

We will deliver a set of modification drawings and calculations for construction and permitting. A site visit will be conducted to exam the condition of the corroded anchor rods below top of the base plate to determine if the option (1) is possible.

Our fees for performing this work will be billed on per hourly rate of \$50 dollars per hour. We are estimating that this project will require between 10-16 working hours to complete. For the scope of work listed in this proposal, the total fees will not exceed \$800. These estimated hours only cover the scope of work listed in this proposal. Additional services or revisions made after the final set of design drawings is submitted will be billed separately.

Thank you for the opportunity to provide our services to you and Mayfield Village on this project.

Sincerely,

Aleksandar Mrkajic, PE
Owner

CIANCI CONSTRUCTION GROUP, LLC.

PROPOSAL

12840 Laser Drive
Chesterland, OH 44026
Phone 216-390-0947
Fax 440-729-2613

PROPOSAL #1045
DATE: 01/16/2019

TO:
Shane E. McAviney
Director of Parks and Recreation
6622 Wilson Mills Road
Mayfield Village, OH 44143
440-461-5163

FOR:
Mayfield Village / Anchor Rod
Modification at the Pool.

DESCRIPTION	AMOUNT
<i>Install new anchor rods at (6) existing columns. Total of 24 rods.</i>	
<i>Cut existing corroded anchor rods.</i>	
<i>Drill and install in each existing column (4) stainless steel anchor rods with (1)</i>	
<i>nut & (1) washer. according to specs / blue prints.</i>	
<i>Repair of deteriorated concrete below the 16 x 16 base plate with Ardex high</i>	
<i>performance cement product.</i>	
<i>All work to be completed according to engineering drawings provided through</i>	
<i>Mayfield Village dated 09/27/2018.</i>	
<i>Total Job Cost:</i>	<i>8,250.00</i>

THANK YOU FOR YOUR BUSINESS!



**GIORDANO
CONSTRUCTION**
CONSTRUCTION MANAGEMENT ♦ GENERAL CONTRACTOR

3018 NASHUA ROAD
NEW CASTLE, PA 16105
♦
724 652 5055
FAX 724 652 6919

October 12, 2018

Shane McAviney
Mayfield Village Parks & Recreation
Mayfield Village, OH.

Subject: Slide anchor rod modification

Mr. McAviney,

Giordano Construction Co., Inc. is pleased to submit budgetary number to install new anchor rods. Installation is based on preliminary design from Structural engineering. Proposal includes labor and material.

Total for work \$ 19,800.00

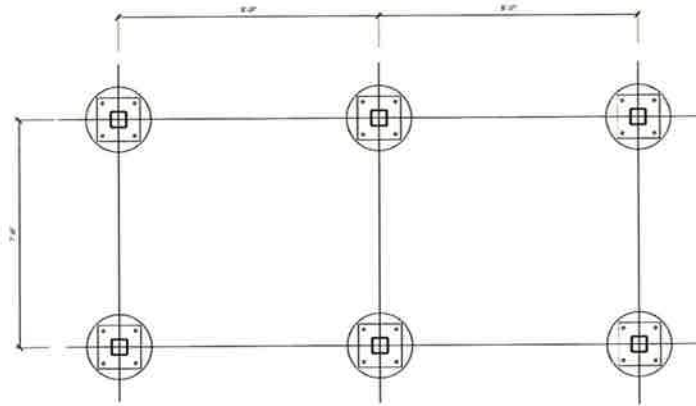
I appreciate the opportunity to quote this work to you. If you have any questions, please contact me at 724-652-5055.

Sincerely,

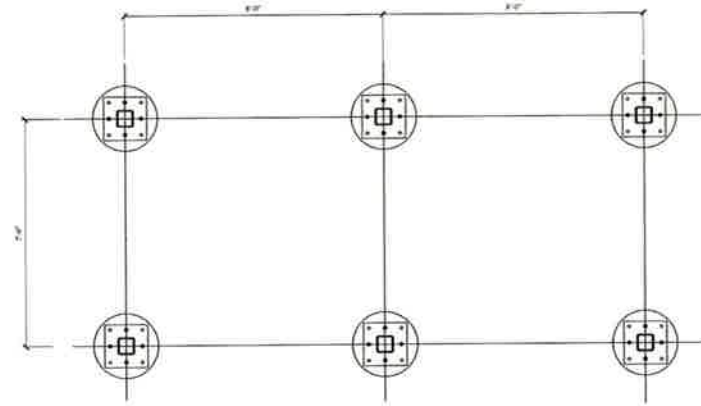

Randy Angelucci
Project Manager



INSTALL NEW ANCHOR RODS AT EXIST'G COLUMNS



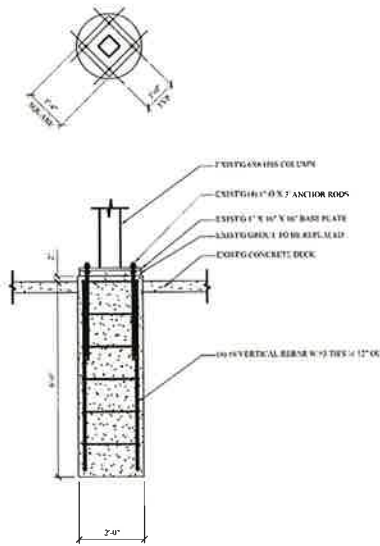
EXIST'G ANCHOR ROD PLAN
SCALE: 1/2" = 1'-0"



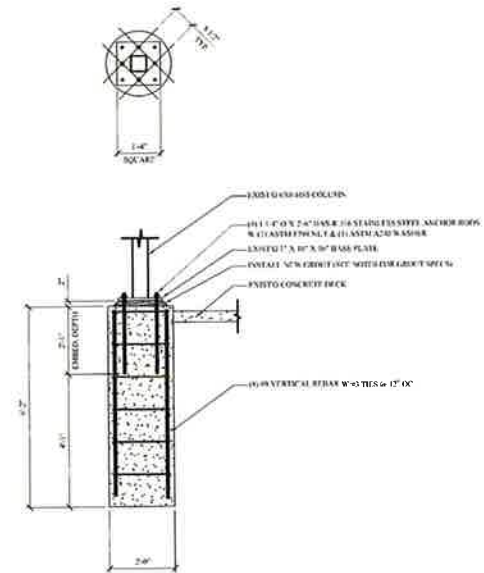
ANCHOR ROD MODIFICATION PLAN
SCALE: 1/2" = 1'-0"



CUT EXIST'G CORRODED ANCHOR RODS



EXIST'G SLIDE PIER DETAIL
SCALE: 1/2" = 1'-0"



TYP. SLIDE PIER MODIFICATION DETAIL
SCALE: 1/2" = 1'-0"



FOR CONSTRUCTION	10/18
FOR APPROVAL	09/06
NO. VISIONS	04/16

ANCHOR ROD MODIFICATION
AT MAYFIELD VILLAGE POOL
6622 WILSON MILLS RD
MAYFIELD VILLAGE, OH 44143

DRAWN	AM
CHECKED	AM
DATE	09/27/2018
SCALE	AS-NOTED
PROJECT NO.	18-64-0

SHEET