9

SUBJECT: MCCOY'S CREEK CHANNEL IMPROVEMENTS/RESTORATION – PHASE 1A

BID #: CF-0396-22 **OPEN DATE:** 6 JULY 2022

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION CONTRACT – ONE (1) YEAR FROM OCTOBER 1, 2020 WITH THREE (3) ONE (1) YEAR RENEWAL OPTIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: ALL OR NONE TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: 27 **NUMBER RECEIVED:** 3 **OTHER:** 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommended approval to waive as a minor irregularity the missing federal funded forms from Kiewet Infrastructure South Co. submission. The forms have been received. Recommend approval of award to the lowest responsive, responsible bidder, Kiewet Infrastructure South Co. not-to-exceed expenditure amount of $23,515,253.50. Period of service will be from execution of contract through completion of the project.

Funding shall be encumbered from Public Works Various Capital Projects
32111.153119.565051.006206.0000000.00000.0000000 in the amount $13,340,326.18
33101.153101.565050.006202.0000000.00000.0000000 in the amount $4,300,000.00
33101.153101.565051.006202.0000000.00000.0000000 in the amount $71,107.32
32111.153101.565051.005386.0000000.00000.0000000 in the amount$2,375,605.14
32111.153101.565051.005384.0000000.00000.0000000 in the amount $3,428,214.86
executed via formal contract through the Office of General Counsel and processed via individual Purchase Order(s).

ATTACHMENTS: Recommendation Memo; Bid Tabulation, Scope of Work

ANALYST: _____
JACLYN STAMOS

RESPECTFULLY SUBMITTED: _____
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Robin Smith, Chief, Engineering and Construction Management Division, Public Works

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY. ONE JACKSONVILLE.

July 8, 2022

MEMORANDUM

07/08/22 13:25:54
Procurement Division

TO: **Gregory W. Pease**
Chief of Procurement

THRU: **John P. Pappas, P.E.**
Director

FROM: **Robin Smith, P. E., Chief**
Engineering and Construction Management Division

SUBJECT: **Recommendation to Award**
RE: **McCoy's Creek Channel Improvements/Restoration – Phase IA**
Bid No: **CF-0396-22**
Bid Date: **July 6, 2022**
Award Amount: **$23,515,253.50**

The Department of Public Works has tabulated and reviewed the three (3) bids received for the referenced project for accuracy and compliance with the contract documents. The apparent low bid is by Kiewit Infrastructure South Co. The project was bid as encouragement. In addition, Public Works has confirmed through www.myfloridalicense.com the appropriate licenses for this contractor and listed subcontractors, if applicable. Federal Forms were submitted to Procurement after the bid opening. The Department requests to waive the delayed submission as a minor irregularity.

Accordingly, we recommend that the bid for McCoy's Creek Channel Improvements / Restoration Phase 1A be awarded to Kiewit Infrastructure South Co. in accordance with the attached bid documents in the amount of $23,515,253.50.

Funding for this project should be as follows:

ACCOUNTS	TOTAL
32111.153119.565051.006206.00000000.00000.0000000	
006206	
PWCP Public Works Various Capital Projects (F5190) - Other General Governmental Services	
565051	
1	
32111-384020	
	$ 13,340,326.18

33101.153101.565050.006202.00000000.00000.0000000	
006202	
PWCP Public Works Capital Projects – Other Transportation Services	
565050	
2	
33101-331900-PWEN22003	
	$ 4,300,000.00

33101.153101.565051.006202.00000000.00000.0000000	
006202	
PWCP Public Works Capital Projects – Other Transportation Services	
565051	
2	
33101-334391-PWEN22001	
	$ 71,107.32

32111.153101.565051.005386.00000000.00000.0000000	
005386	
PWCP Various Capital Projects (F5190) - Other General Governmental Services	
565051	
1	
32111-384020	
	$ 2,375,605.14

32111.153101.565051.005384.00000000.00000.0000000	
005384	
PWCP Various Capital Projects (F5190) - Other General Governmental Services	
565051	
1	
32111-384020	
	$ 3,428,214.86

Grand Total **$23,515,253.50**

TITLE:McCoys Creek Channel Improvements – Phase 1A PART A

BID NO.: CF-0396-22

OPEN DATE: JULY 6, 2022 @ 2 P.M.

ANALYST: Jaclyn Stamos

No. Invited: (27) No. Received (3) No Bids: (1)

Recorded By: MELISSA PIERCE Announcer: BEN KEMP

				Continental Heavy Civil Corps		KIEWIT INFRATRUCTURE SOUTH CO		ASTRA CONSTRUCTION	
ITEM	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
1	MOBILIZATION / DEMOBILIZATION	1	EA		$ 724,000.00		$ 1,800,000.00		$ 2,380,000.00
2	SITE PREPARATION	1	EA		$ 52,700.00		$ 535,000.00		$ 297,611.36
3	CLEARING AND GRUBBING	1	EA		$ 699,300.00		$ 405,000.00		$ 276,943.32
4	SOIL SCREENING ALLOWANCE	1	EA		$ 20,000.00		$ 20,000.00		$ 20,000.00
5	UNCONTAMINATED EARTHWORK - CUT & HAUL	1	EA		$ 4,943,600.00		$ 3,635,000.00		$ 2,643,372.00
6	UNCONTAMINATED EARTHWORK - LOCAL FILL	1	EA		$ 999,600.00		$ 504,000.00		$ 960,288.00
7	FINISH WETLAND BOTTOMLAND TOPSOIL LAYER	1	EA		$ 394,570.00		$ 37,400.00		$ 229,379.81
8	FINISH UPLAND & SLOPE TOPSOIL LAYER	1	EA		$ 66,600.00		$ 7,200.00		$ 63,062.53
9	STAKED SILT FENCE	1	EA		$ 64,600.00		$ 50,000.00		$ 38,608.51
10	TURBIDITY CURTAIN	1	EA		$ 122,000.00		$ 30,000.00		$ 8,851.20
11	TYPE 2 RECP GROUND STABILIZATION	1	EA		$ 246,992.50		$ 444,586.50		$ 299,354.91
12	TYPE 3 RECP GROUND STABILIZATION	1	EA		$ 74,556.00		$ 117,720.00		$ 79,264.80
13	TYPE 4 RECP STREAMBANK STABILIZATION	1	EA		$ 44,467.50		$ 77,077.00		$ 39,487.14

14	DEWATERING / COFFERDAMS / BYPASS SYSTEM	1	EA		$ 2,509,000.00		$ 1,500,000.00		$ 1,100,173.78
15	RIP RAP REVETMENT - TYPE A	1	EA		$ 137,920.00		$ 237,050.00		$ 99,604.10
16	RIP RAP REVETMENT - TYPE B	1	EA		$ 203,680.00		$ 350,075.00		$ 107,784.91
17	RIP RAP REVETMENT - FDOT DITCH LINING	1	EA		$ 951,600.00		$ 2,013,000.00		$ 832,650.00
18	RIP RAP REVETMENT - FDOT BANK & SHORE	1	EA		$ 43,520.00		$ 74,800.00		$ 23,030.24
19	SOD	1	EA		$ 109,620.00		$ 47,250.00		$ 76,356.00
20	VEGETATED REINFORCED SOIL SLOPE (VRSS)	1	EA		$ 1,687,950.00		$ 2,208,750.00		$ 1,772,487.00
21	TOE WOOD BEND PROTECTION	1	EA		$ 230,850.00		$ 228,000.00		$ 62,717.10
22	J-HOOK VANE SYSTEM	1	EA		$ 86,400.00		$ 104,000.00		$ 22,460.32
23	LARGE WOODY DEBRIS HABITAT ARRAY SYSTEM	1	EA		$ 70,700.00		$ 91,000.00		$ 37,960.65
24	WING DEFLECTOR SYSTEM	1	EA		$ 30,400.00		$ 26,000.00		$ 16,240.14
25	ENVIRONMENTAL MONITORING AND REPORTING	1	EA		$ 677,000.00		$ 50,000.00		$ 103,589.49
26	STORM DRAINAGE MODIFICATION	1	EA		$ 154,800.00		$ 270,000.00		$ 128,932.92
27	NEW PIPE - 15" RCP	1	EA		$ 20,328.00		$ 17,710.00		$ 9,986.13
28	NEW PIPE - 18" RCP	1	EA		$ 121,992.00		$ 95,880.00		$ 38,853.84
29	NEW PIPE - 24" RCP	1	EA		$ 15,093.00		$ 13,975.00		$ 7,765.80

30	NEW PIPE - 30" RCP	1	EA		$ 24,888.00		$ 21,350.00		$ 9,786.84
31	NEW PIPE - 48" RCP	1	EA		$ 23,540.00		$ 13,200.00		$ 7,812.64
32	MITERED END SECTION - 18"	1	EA		$ 27,840.00		$ 20,000.00		$ 5,684.20
33	MITERED END SECTION - 48"	1	EA		$ 13,000.00		$ 12,000.00		$ 5,580.07
34	FLARED END SECTION -15" TO 30"	1	EA		$ 41,400.00		$ 15,000.00		$ 6,982.20
35	MANHOLE	1	EA		$ 37,160.00		$ 40,000.00		$ 21,281.08
36	DITCH BOTTOM INLET	1	EA		$ 50,940.00		$ 36,000.00		$ 20,722.74
37	BULKHEAD/WEIR DEMOLITION	1	EA		$ 639,180.00		$ 834,750.00		$ 265,307.40
38	PAVED TRAIL/SIDEWALK/CONCRETE REMOVAL	1	EA		$ 75,697.00		$ 51,320.00		$ 113,981.72
39	4" CALIPER RED MAPLE - B&B	1	EA		$ 38,400.00		$ 32,500.00		$ 32,118.06
40	2" CALIPER HORNBEAM - B&B	1	EA		$ 12,320.00		$ 11,200.00		$ 3,487.92
41	6" CALIPER BALD CYPRESS - B&B	1	EA		$ 75,320.00		$ 49,000.00		$ 38,657.92
42	4" CALIPER BALD CYPRESS - B&B	1	EA		$ 53,600.00		$ 46,000.00		$ 37,786.00
43	2" CALIPER BALD CYPRESS - B&B	1	EA		$ 60,300.00		$ 50,250.00		$ 22,395.42
44	4" CALIPER DAHOON HOLLY - B&B	1	EA		$ 11,830.00		$ 9,100.00		$ 8,647.17

45	4" CALIPER SOUTHERN RED CEDAR - B&B	1	EA		$ 37,530.00		$ 40,500.00		$ 30,140.37
46	4" CALIPER SWEETBAY - B&B	1	EA		$ 33,800.00		$ 25,000.00		$ 22,526.20
47	4" CALIPER SLASH PINE - B&B	1	EA		$ 3,680.00		$ 4,000.00		$ 2,470.64
48	12-14' HT/8" CALIPER CABBAGE PALM	1	EA		$ 33,012.00		$ 21,000.00		$ 18,311.58
49	FRESHWATER SWAMP RESTORATION PLANTINGS (FLUCCS 617, 615, 615(B))	1	EA		$ 195,621.00		$ 265,950.00		$ 662,045.23
50	FRESHWATER SAVANNAH RESTORATION PLANTINGS (FLUCCS 615(S), 615(SB))	1	EA		$ 2,323.00		$ 4,140.00		$ 42,709.69
51	UPPER TIDAL SWAMP RESTORATION PLANTINGS (FLUCCS 621, 621(UT), 624)	1	EA		$ 352,517.00		$ 441,650.00		$ 1,134,972.00
52	LAGOON RESTORATION PLANTINGS (FLUCCS 641, 640, 6445)	1	EA		$ 73,370.00		$ 143,550.00		$ 312,370.19
53	TIDAL MARSH RESTORATION PLANTINGS - MARSH & CREEK (FLUCCS 641(UT), 641(UTD), 542)	1	EA		$ 165,710.00		$ 328,500.00		$ 265,169.80
54	TIDAL MARSH RESTORATION PLANTINGS - PALM ISLANDS/SLOPES (FLUCCS 628)	1	EA		$ 175,987.00		$ 184,450.00		$ 178,196.82
55	SAVANNAH BLUFF NATIVE SEEDING	1	EA		$ 43,750.00		$ 225,000.00		$ 33,222.53
56	AS-BUILT SURVEY	1	EA		$ 50,700.00		$ 50,000.00		$ 6,733.32
57	RESTORATION & VRSS MAINTENANCE - YEAR 1, MONTHLY	1	EA		$ 174,000.00		$ 250,000.00		$ 248,403.37

58	RESTORATION & VRSS MAINTENANCE - YEAR 2, MONTHLY	1	EA		$ 191,400.00		$ 200,000.00		$ 174,410.88
				GRAND TOTAL	$ 18,222,654.00		$ 18,415,883.50		$ 15,508,730.00
				CONFLICT OF INTEREST:	Y		Y		Y
				BONDS	Y		Y		Y
				ADDENDUM(3):	Y		Y		Y

MCCOYS CREEK CHANNEL IMPROVEMENTS/RESTORATION – PHASE 1A

SECTION 30

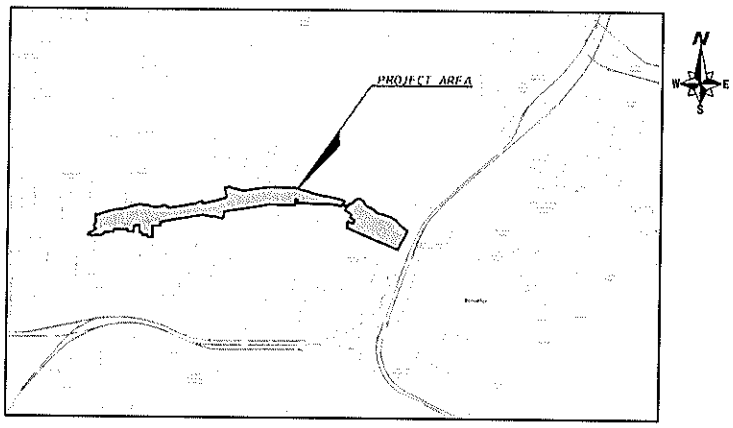
SCOPE OF WORK

30.1 SCOPE

The work covered by these plans and specifications consists of furnishing all labor, materials, and equipment; and performing all operations necessary for the construction of McCoys Creek Channel Improvements/Restoration Phase I, as specified in the Contract Documents.

30.2 LOCATION

This project is located within the limits of the City of Jacksonville in Duval County, Florida. The construction area for McCoys Creek Channel Improvements/Restoration Phase IA consists of McCoys Creek and surrounding banks, running parallel to McCoys Creek Boulevard from Leland Street to I-95, within the project area depicted below. The Work described in the Contract Documents and Contract Drawings, is to be conducted within the construction areas and rights-of-way indicated within the Contract Drawings. Improvements to the adjacent public trails are not included within this Scope of Work.



SITE LOCATION MAP
DUVAL COUNTY, FLORIDA
SECTION 14, 15, 16, TOWNSHIP 02 SOUTH, RANGE 26 EAST

30.3 INTENT

It is the intent of these Contract Documents to construct the McCoy's Creek Improvements/Restoration project as shown on the Contract Drawings, and including but not limited to:

Part A:

1. Clearing and Land Preparation
2. Demolition
3. Earthwork
4. Pipe Culvert Installation
5. Excavation and Backfilling
6. Erosion and Sedimentation Control
7. Temporary Dewatering and Cofferdams
8. Turbidity Control and Monitoring
9. Geotextiles
10. Vegetated Reinforced Soil Slope (VRSS Elements)
11. Riprap System
12. Environmental Protection
13. Bypass
14. Landscape Plantings
15. Large Woody Debris Habitat
16. Site Restoration
17. As-Builts

Part B: Ash Remediation

1. Excavation of ash-contaminated soils
2. Transportation and disposal of ash-contaminated soils

It is not the intent of these Contract Documents to define the means and methods of construction of this project, but rather to set forth reasonable and rational criteria for the construction thereof.

30.4 SCHEDULE AND COORDINATION

30.4.1 COORDINATION WITH OTHER CONTRACTORS

There will be other Contractors working in this same area as part of the overall McCoys Creek Restoration project. Coordination on schedule and access may be required with Contractors for the following projects:

- McCoy's Creek Rebuild & Raise Bridge – Stockton
- McCoy's Creek Rebuild & Raise Bridge – King
- McCoy's Creek Greenway
- McCoy's Creek Boulevard Closure

30.4.2 WORK PERFORMED

For the purposes of this project, the work described in this scope of work and the associated Contract Documents are referred to as the CHANNEL IMPROVEMENTS CONTRACTOR scope of work. This section outlines the work performed by each Contractor as well as constraints specific to execution of the CHANNEL IMPROVEMENTS CONTRACTOR scope of work.

30.4.3 ROADWAY IMPROVEMENTS

The ROADWAY CONTRACTOR's scope of work includes:

- Demolition of McCoy's Creek Boulevard from Fitzgerald Street to King Street
- Demolition of McCoy's Creek Boulevard from King Street to Stockton Street
- Demolition of McCoy's Creek Boulevard from Stockton Street to Claude Street
- Demolition of McCoy's Creek Boulevard from Goodwin Street to Margaret Street
- Construction of cul-de-sac, roadway, sidewalk, stormwater drainage, signage, and local grading on Sunshine Street, Leland Street, Crystal Street, Smith Street, and Broward Street.
- Install plantings in cul-de-sac center islands and along back of curb in cul-de-sacs.
- Regrade existing Broward Street Pond. Modify inlet and outfall piping for regraded pond.
- Removal and disposal of ash-contaminated soil within McCoys Creek Boulevard right-of-way.

The ROADWAY CONTRACTOR's scope of work is expected to be completed before the CHANNEL IMPROVEMENT work begins.

30.4.4 CHANNEL IMPROVEMENTS

The CHANNEL IMPROVEMENT CONTRACTOR scope of work includes:

- Earthwork associated with reshaping McCoy's Creek from Leland Street to I-95
- Rough grading within the City right-of-way from Leland Street to I-95
- Removal and disposal of ash contaminated soils
- Installation of two feet of clean fill in contaminated areas

- Implementing the planting plan between the Greenway and the channel and within the contoured bottomlands of the creek restoration.

30.4.5 BRIDGE IMPROVEMENTS

The BRIDGE IMPROVEMENT CONTRACTOR's scope of work includes:

- Demolition of the King Street and Stockton Street Bridges
- Installation of approximately 600-foot open span bridge along the King Street alignment, Including travel lanes, bike lanes, and pedestrian sidewalks.
- Installation of approximately 120-foot open span bridge along the Stockton Street alignment, including travel lanes, bike lanes, and pedestrian sidewalks.
- Installation of approximately 200 ft of greenway at King Street.
- Installation of approximately 70 ft of greenway at Stockton Street.
- Provide maintenance of traffic during bridge construction.
- Utilities relocations related to bridge replacement.

30.4.6 GREENWAY IMPROVEMENTS

The GREENWAY IMPROVEMENT CONTRACTOR's scope of work includes:

- Fine grading from City right-of-way to channel top of slope
- Installation of 14-foot paved Trail from I-95 to Leland Street. Tie into Greenway segments at King Street and Stockton Street Bridges.
- Installation of lighting and furnishings associated with the Greenway.
- Implementing the planting plan along the Greenway.

The GREENWAY IMPROVEMENT's construction schedule is expected to be coordinated based on the progress of the CHANNEL IMPROVEMENT work.

30.4.7 START DATE

The anticipated start date for this Scope of Work is Summer 2022.

30.4.8 COORDINATION REQUIRED

Specific coordination required to execute The CHANNEL IMPROVEMENTS CONTRACTOR's scope of work:

- CHANNEL IMPROVEMENTS CONTRACTOR shall communicate expected timeframe for construction of the section of

channel between King Street bridge and Stockton Street bridge (Station 108+59 to 126+00). CHANNEL IMPROVEMENTS CONTRACTOR should consider beginning with this section of construction to allow for coordination with other contractors. See also Sheet 10 of construction plans for temporary grading limits to allow for King Street bridge demolition.

- CHANNEL IMPROVEMENTS CONTRACTOR will need to coordinate with the BRIDGE IMPROVEMENT CONTRACTOR on the timing for demolition of King St bridge and Stockton St bridge.
- The recommended sequence for construction in the area of King Street, if feasible, would be:
  - Demolition of King Street bridge by BRIDGE IMPROVEMENT CONTRACTOR.
  - Once the King Street bridge is removed, CHANNEL IMPROVEMENTS CONTRACTOR would complete all construction upstream of and under King Street bridge (Station 100+00 to 108+59).
  - BRIDGE IMPROVEMENT CONTRACTOR would then begin construction of the new King Street bridge.
- Note that the BRIDGE IMPROVEMENT CONTRACTOR has a constraint that King Street and Stockton Street may not be closed at the same time. One bridge must remain open.

30.4.9 CONSTRAINTS

The CHANNEL IMPROVEMENTS CONTRACTOR's constraints include:

- CHANNEL IMPROVEMENTS CONTRACTOR shall not close King Street or Stockton Street. Road closures for King Street and Stockton Street must be coordinated with the BRIDGE IMPROVEMENT CONTRACTOR.
- CHANNEL IMPROVEMENTS CONTRACTOR shall complete all construction upstream of Stockton Street bridge by within 270 days of NTP (Station 100+00 to 126+00).
- CHANNEL IMPROVEMENTS CONTRACTOR shall complete construction downstream of Stockton Street bridge prior to removal of the Stockton Street bridge (Station 127+60 to 163+51) by the BRIDGE IMPROVEMENT CONTRACTOR.

30.5 <u>ASH REMEDIATION SCOPE</u>

30.5.1 The scope of work involves the remediation of ash-contaminated parcels located within the footprint of future McCoys Creek Phase 1A Improvements. These improvements will enhance the McCoys Creek flood plain in areas that are subject to flooding following significant rainfall events. The enhanced flood plain

improvements will also include habitat for wetlands and aquatic life as well as a neighborhood aesthetic nature walking trail.

30.5.2 This scope includes the remediation of four parcels that have approved excavation plans but are yet to be remediated. These parcels include FS075475 0010, FS076729 0000, FS089549 000A and FS089974.0000.

30.5.3 This scope also includes six parcels that have been remediated down to 2-feet below ground surface but require deeper excavation/remediation to accommodate the excavation depths involved in the McCoys Creek Phase 1 A Improvements. These parcels include FS077177 0000, FS077180 0000, FS089943 0000, FS089923 0020, FS089551 0000 and FS089552 0000.

30.5.4 Each parcel presented in the design documents (separate submittal) includes an aerial, a location map, parcel excavation details including soil sample results table, parcel information and Construction Notes. The design drawing for each designated parcel includes a plot plan of the parcel designating where the ash contaminated soil excavation is to occur, the initial depth of the excavation, the method of "clean" confirmation (XRF Lead Screening), and additional excavation depths if required.

30.5.5 Each parcel includes a two-step excavation process consisting of:

30.5.5.1 STEP 1 EXCAVATION will be performed to a designated depth indicated in the construction notes for each parcel.

30.5.5.2 STEP 2 EXCAVATION will be performed if Step 1 does not complete the ash remediation for that parcel. The COJ representative will designate the portion of the parcel that requires Step 2 excavation. The construction notes for each parcel designate the additional excavation depths required. The remediation contractor will only proceed with Step 2 excavations with the approval of the COJ Representative.

30.5.6 DEWATERING of the parcel may be required depending on the depth to the water table and the depth of excavation at the time of parcel remediation. Parcel dewatering may not be required if the water table is below five feet and the depth of excavation is limited to four feet (Step 1 excavation). Dewatering will likely be required if the depth of parcel excavation exceeds five feet.