



Estes Park Campground at Mary's Lake Electrical & Water Distribution System Improvements Phase II

From: Zenda Smith, Campgrounds Manager
Date: February 2, 2022
Subject: Addendum #2
Pages: 12
To: All Plan Holders

The following questions have been submitted by prospective bidders and answers are provided below:

1. In the Project Documents, page 2, there is a note about the property being on federal land administered by the Bureau of Reclamation. Please clarify if the Owner will be responsible for the federal clearances as mentioned in section 9.19 and provides the easement limits per section 3.04.
EVRPD is responsible for acquiring all project permissions and approvals from the Bureau of Reclamation before the work begins. Right-of-way and easement information will be provided before work commences.
2. In the Project Documents, page 5, under section 8.1, it states the contractor can bid on either the electrical or water systems, or both. We interpret this as the Owner can select either the electrical or water system bids if we submit both. Please clarify if submitting both precludes the separation of the two sections.
All-inclusive bids would be honored and not separated. Independent bids for electrical only and excavation/water only would be combined.
3. In the Project Manual, page 7, under section 13.0, there is a 60-day bid guarantee. With the volatility of plastic prices, we request that the guarantee is reduced to 30 days, or subject to market condition pricing.
30-day price guarantee for plastic components would be acceptable
4. In the Project Manual, page 8, section 17.0, it says the owner may be exempt from taxes. Please clarify if this project is tax exempt and specify what kind of taxes are exempt (i.e., sales, use, state, county, etc.). Provide tax rate if applicable.
EVRPD is exempt from all taxes
5. Where can the excavation spoils be placed on the site?

Soil removed during excavation can be temporarily stored next to trenches and used for backfilling. Extra soil can be temporarily stockpiled in road areas near project and must be hauled off the property by the contractor if not used for backfilling and restoration.

6. For the trench bedding detail, please provide specifications for material and depths. Are we to assume native soil can be used for backfill?
Native soil is acceptable back fill material as long as composition meets specs on page 11. If composition of native soil is not suitable, ¾ wash rock, pea gravel (CDOT 67), or squeegee are acceptable bedding material. Depth of trenches is indicated on Addendum 1 map. Trenches for freeze-proof water service must be 4' deep. All other trenches can be 2' – 3' deep. See "Back Fill Specifications" on page 11.
7. Will EP Power and Communications disconnect and remove the existing overhead power line?
Yes, they will perform the disconnect. EP Power and Communications will remove overhead line from the pole and Contractor will remove the remaining connection from the shower building.
8. Drawings call for future bone yard scope (behind jersey barrier wall). What is the contractor's responsibility?
Replace and connect water and electric lines between site M106 to the boneyard. Install new non-freeze proof hydrant and 30/20A pedestal in boneyard. Reconnect pedestal to existing electric line that services the light across from the dump station. No improvements are currently in the scope for infrastructure replacement between boneyard and site M119.
9. What is EP Power and Communication's scope of this project? Are they still providing, setting, and connecting the primary for the 75KVA pad mount transformer? Will they make all primary and secondary terminations in the transformer, with primary wiring?
Yes. NOTE: THE SCOPE OF WORK ADDED IN ADDENDUM #1 HAS CHANGED. Now, EP Power and Communication will be providing all materials with the exception of conduit which will be purchased by the Contractor. Power and Communications will provide the precast pad for the transformer. This will alleviate some issues with procurement. The length of the overhead removal and new direct burial has also been reduced. The Contractor only needs to bid 150 feet of trenching, labor, and 450 ft. plus sweeps of conduit from the shower house to the 1st pole (for 3 lines). 4" HDPE is an acceptable substitute for PVC and is listed as an option. See attached map on page 8, trench detail on page 9, and adjusted bid sheet on page 10. Disregard the bid sheet in Addendum #1.
10. 200A meters are missing from PL1 and PL2, or Existing Bathhouse panel that has a meter needs to be a 400A panel and feed PL1 and PL2. Directly feeding PL1 and PL2 out of the 75 KVA transformer would be unmetered service. Please provide location of meters or clarify intent.
An existing primary meter, where the power enters the campground, will be used to track all the power used for the entire campground or will be replaced by EP Power and Communication. No additional meters will be installed by the Contractor. The existing meter at the shower house will be removed by the Contractor when the new service is installed.
11. Does the shower house get a new electrical panel?

Yes. The current panel on the south side of the shower house is to be replaced with a new 200A panel with a single 200A breaker for shut off to the building. The building's main electrical panel is located inside the shower house.

12. There are fees associated with Estes Light and Power for disconnect/reconnect and line service work. Will these be covered by owner?

Yes, fees will be paid by EVRPD

13. Are delays caused by EP Power and Communications exempt from liquidated damages to the contractor's scope?

Yes. However, contractor needs to do their due diligence to coordinate with EP Power and Communications and give them sufficient and reasonable time to complete their portion of the project and inspection by the deadline of May 13th, 2022.

14. There are substantial lead times for electrical components, such as the RV pedestals, which may extend beyond the anticipated project schedule. Some parts have been estimated for 16 weeks from the end of January, which doesn't align with the 12-week duration from notice to proceed to substantial completion to procure material. Will liquidated damages apply to situations like this? How does the owner plan to address material shortages in this market?

To minimize lead time on delivery of pedestals, EVRPD will be purchasing pedestals immediately. Please remove line item from your bid. If it is anticipated that the required components will not be received with enough time to complete the project before May 13th, 2022, the project work period will be moved to Sept 20th – December 16th, 2022.

15. Please provide a spec sheet for the pedestal.

Exhibit attached on page 7 for Midwest part # U041CP6010 which may be the most easily sourced pedestal with shortest lead and delivery time. This is the 30/20A direct bury pedestal which will be procured by EVRPD.

16. Because of COVID, can the bids be emailed to mtodd@ces-ccc.com or zenda@evrpd.com?

No. Sealed bids must be mailed or hand-delivered to the address on page 1 of the Project Manual. Contractor or representative is not required to stay for the bid opening.

17. If known, could the budget for the project be released?

No. EVRPD has chosen not to release the budget amount.

18. Has funding been secured and is in place for this project?

Yes

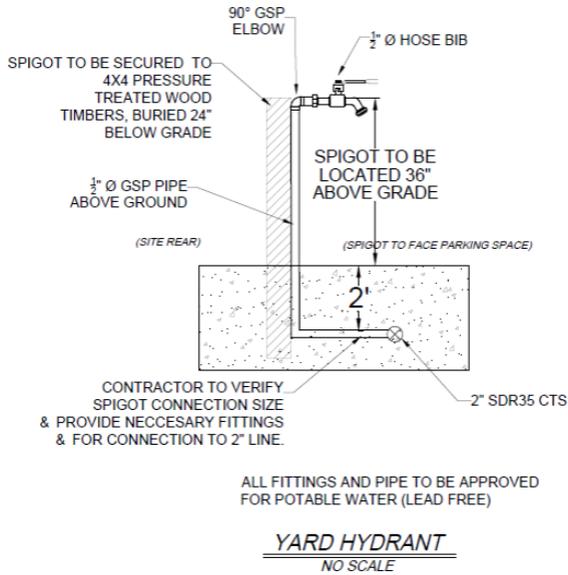
19. Please confirm the Owner is responsible for costs associated with temporary power and water usage.

Power is available throughout the property and can be utilized by the contractor at no cost. Water is only available at the Camp Store during the scheduled project time. Water lines within the project area can be charged temporarily for leak testing and then re-drained to prevent freezing. The Owner will not be responsible for the cost of generators or temporary water storage.

20. Do the people working on-site on this project need to be background checked?
No. However, the Contractor must certify that they shall not knowingly employ or contract with an illegal alien under this contract, or contract with a subcontractor who knowingly employs or contracts with an illegal alien to perform work under this contract.
21. Does certified payroll apply to this contract?
No
22. Does the project have a 2-year warranty?
Yes
23. One of the trench details is labeled, “dedicated water supply trench” but shows 2” electrical conduit in that trench. Do they share the trench?
Yes
24. Please clarify the location of main disconnects
There will be a disconnect in the new 200A panel at the shower house (for shower house circuits only) and also in each of the new 200A panels (2) which service the camp sites.
25. Are there alternate water tubing options?
No. Please quote 1” and 2” SDR 9 Blue CTS Potable Water Poly Pipe
26. Are yard hydrants installed with concrete base?
No. Hydrants are set in native compacted soil. See drawing on page 6.
27. The Freeze Flow yard hydrant part no. 213XE specified has a self-closing option. Does EVRPD want this?
No. Self-closing spigots/hydrants would not work for RV connections that need to be in the open position all the time.
28. On non-frost proof hydrants, what is preferred and required for ADA compliance? How many ADA sites will use an ADA-compliant faucet?
**Please quote 16 standard hose bibbs for potable water with T handles and threaded short shanks.
Example: <https://www.plumbingsupply.com/hose-bibbs-drinking-water-safe.html#standardlf>
Please quote 4 lever style non-freeze proof hose bibb for 1 ADA site and 3 public filling sites.
Example: <https://www.hirsch.com/2594195/p/n/arrowhead-ahd351bvlf>
Final spigot height must be 36” above grade in all sites. Non-frost proof spigots will be secured to 4 x 4 posts. Freeze Flow hydrants are not secured to 4 x 4 posts. See photo and specs on page 6.**
29. Please provide details on the yellow highlighted water map provided in Addendum #1
Highlighted trenches must be 4’ deep for freeze protection. This includes the 970’ trench which continues off the left side of the map (west) to its origin at the well pit. All other trenches can be 2’ – 3’ deep. 150 ft. of trench for the 3 primary lines will also be 4’ deep.

30. Which trenches contained previous utilities and which trenches will require new excavation?
Please see map on page 12.
31. There is a slight discrepancy on linear feet on the bid form and what is being scaled from the map.
Please calculate your bid based on the lengths provided on bid form
32. Is the contractor responsible for disinfection testing, compaction testing, or any other testing not related to the water line pressure test?
The Town of Estes Park will be responsible for pressure testing the water system with air and/or water to ensure it is free of leaks before backfilling. The Contractor is responsible for line disinfection. EVRPD, at its discretion, may hire an outside agency to test compaction.
33. Would it be possible for workers to stay on the property in their own RVs during the work period?
Yes... they would be allowed to stay in the full hookup area of the campground during the work period, however, it is not recommended. Be advised ... water would not be available in the site, access to the site would not be plowed after snowstorms, and wind can be in excess of 100 mph. EVRPD not be responsible for damage to personal property.
34. Are there any survey or staking requirements that are the responsibility of the contractor or final as-builts?
Contractor is responsible for keeping accurate daily red-line drawings. EVRPD is responsible for staking, acquiring final surveys, and acquiring as-builts from the project engineer.

Example of non-freeze proof water bibb, riser pipe, and 4 x 4 support post (20)



Example of freeze-proof water hydrant No support post required (8)



Executive Yard Hydrant P/N 213XE

- No Winterizing Required, fully automatic
- Completely Self Contained
- Sanitary – prevents cross contamination
Meets ADA 5 lbf operation requirements
- Meets ASSE 1057 Sanitary Yard hydrant Standard
- part no. 213XE (where x = bury depth)
- Optional: Self Closing available (part no. 213XE-SC, X = bury depth)



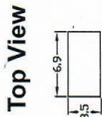
example of ADA-compliant spigot (4)



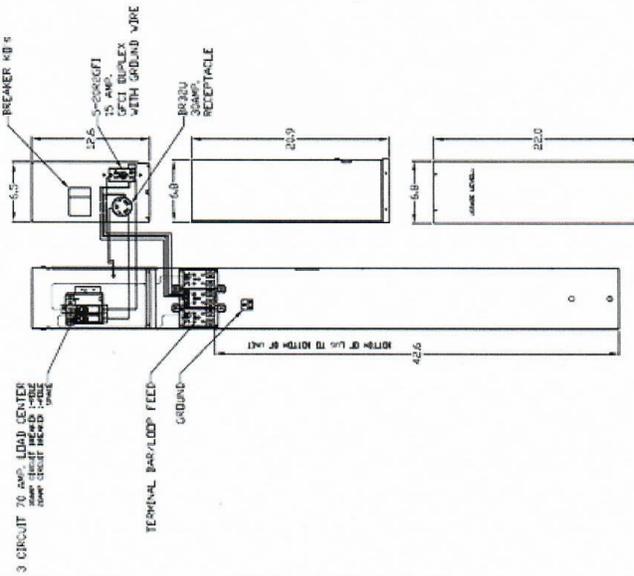
example of T-handle spigot (16)



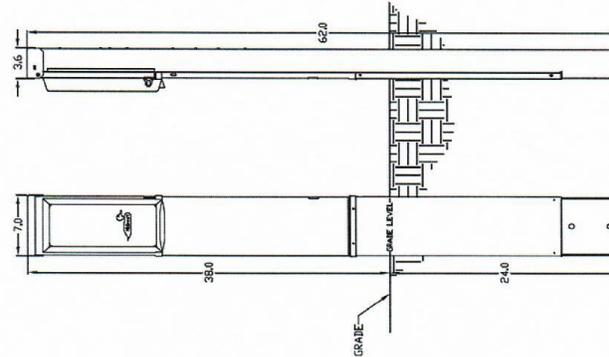
Standard with Regular Handle



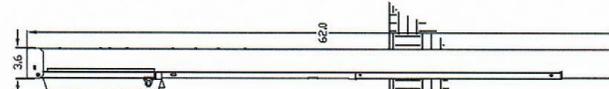
Front View Interior Inside Covers



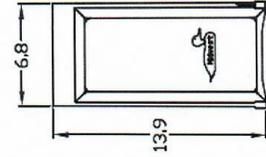
Front View External



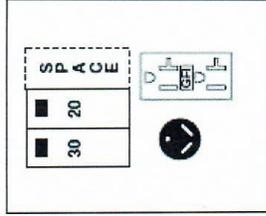
Side View



Cover Figure A



Configuration



Wire Range Size

Connector	Copper		Aluminum	
	Solid	Stranded	Solid	Stranded
Line	14-8	14-2	12-8	12-2
Load	14-10	14-10	----	----
Neutral	14-4	14-4	14-4	14-4
Post Line Connectors Suitable For Loop Feed Equip. Ground Post	#6-350 KCMIL		#6-350 KCMIL	
	14-2/0	14-2/0	14-2/0	14-2/0

Receptacles Circuit Protection

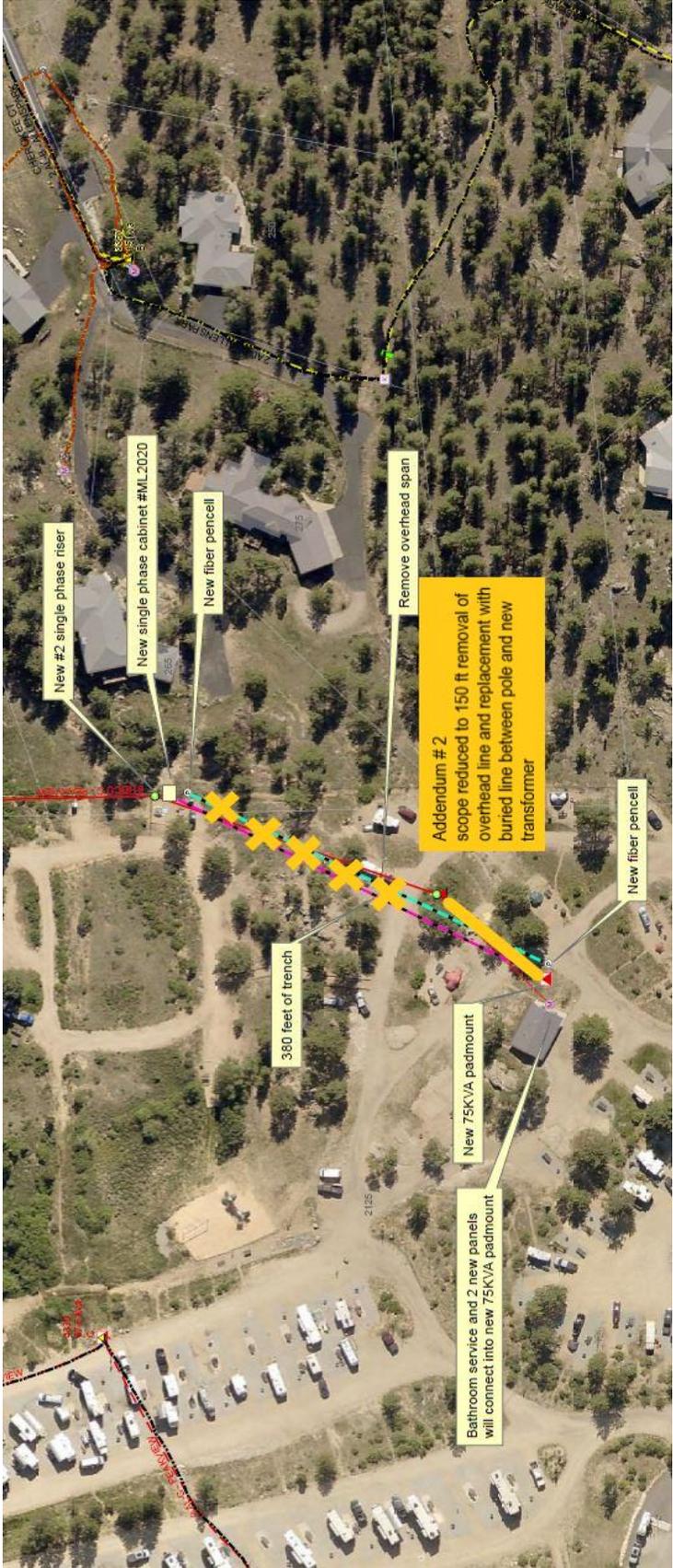
R32U	THQL1130
5-20R2GFCI	THQL1120, SPACE THQL1120

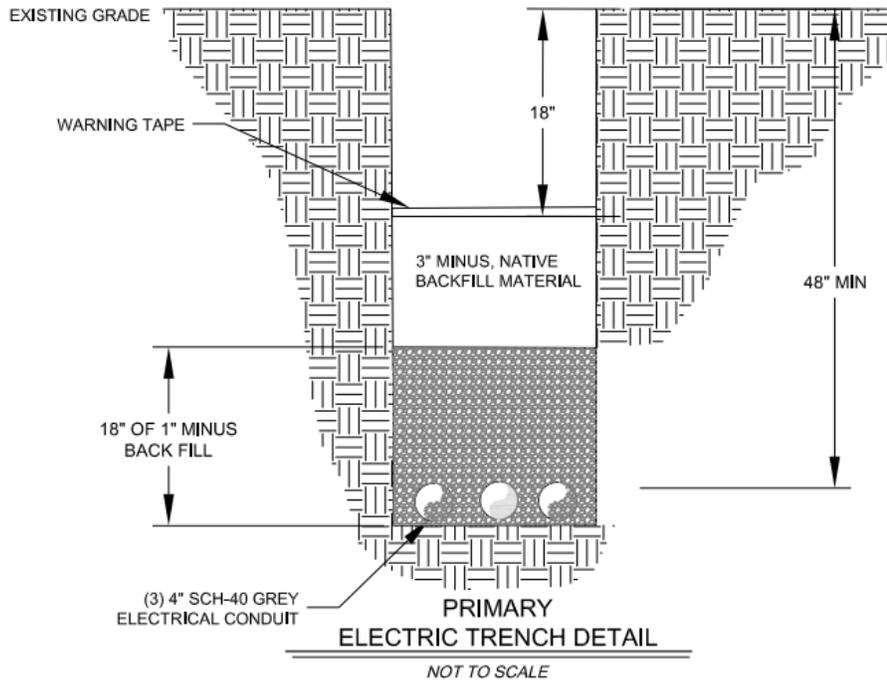


MIDWEST METALLIC EARTH BURIAL PEDESTAL
70A UNMETERED 120/240V 1PH3W UL LISTED

CAT NO	DWG DATE	REV #
U041CP6010	02/11/2016	01

NOTES: EARTH BURIAL POST





ALL WORK IS TO BE COMPLETED PER THE "TOWN OF ESTES PARK POWER AND COMMUNICATION POLICY AND PROCEDURE" INCLUDING BUT NOT LIMITED TO:

1. ALL EXCAVATION WORK SHALL CONFORM TO STANDARDS AND CODES SET FORTH IN AND OSHA AND TOWN REGULATIONS
2. TRENCH AND CONDUIT INSPECTION ARE REQUIRED BY THE TOWN FOR ALL TOWN OWNED UNDERGROUND FACILITIES ADDED TO THE TOWN DISTRIBUTION SYSTEM.
3. TRENCH COVER ON CONDUIT OVER PRIMARY POWER SHALL BE 48" BELOW FINISHED GRADE.
4. ALL CONDUIT SHALL BE 4" SCH-40 GRAY ELECTRICAL PVC CONDUIT.
5. ALL CONDUIT SWEEPS SHALL NO LESS THAN A 3' RADIUS.
6. ALL SWEEPS (22, 45 AND 90 DEGREE) MUST BE PRE-MANUFACTURED
7. ALL NATIONAL ELECTRIC CODE & NATIONAL SAFETY CODES SHALL BE OBSERVED.
8. BACKFILL MATERIAL SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 18 INCHES IN UN-COMPACTED THICKNESS AND MECHANICALLY COMPACTED USING PLATFORM TYPE TAMPERS. COMPACTION BY ROLLING WILL BE PERMITTED FOR THE SECOND LIFT PROVIDED THE FIRST LIFT HAS BEEN ADEQUATELY CONSOLIDATED. WATER INUNDATION IS NOT ALLOWED AS A METHOD OF COMPACTION; HOWEVER, SOIL MAY BE DAMPENED PRIOR TO BACKFILLING.
9. BACKFILL MATERIAL SHALL BE FINELY DIVIDED AND FREE FROM DEBRIS AND ORGANIC MATERIAL. THE FIRST LIFT SHALL CONTAIN NO ROCKS LARGER THAN 1 INCH IN THE GREATEST DIMENSION. SUBSEQUENT LIFTS SHALL CONTAIN NO ROCKS LARGER THAN 3 INCHES IN THE GREATEST DIMENSION.
10. TRENCH BACKFILL AT ALL DEPTHS SHALL BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY OR TO THAT OF THE SURROUNDING UNDISTURBED EARTH, WHICHEVER IS LESS.
11. MAXIMUM DENSITY IS DEFINED BY ASTM SPECIFICATION D698, THE STANDARD PROCTOR.

**ESTES PARK
CAMPGROUND AT
MARY'S LAKE**

BY: MST
FILE: C:\418_021

DATE: 02/01/22



CORNERSTONE
ENGINEERING & SURVEYING, INC.

1692 BIG THOMPSON AVE, SUITE 200, ESTES PARK, CO 80517
PH: (970) 586-2458 FAX: (970) 586-2459

SECTION 00400

Addendum #2 to Bid form 2/2/2022

Replaces Addendum #1 Bid Form

DATE _____, 2022

PROJECT Estes Park Campground at Mary's Lake Electrical and Water Distribution System Phase II

PROPOSAL OF _____

(Bidder)

TO Estes Valley Recreation & Park District

(Owner)

The undersigned, in compliance with your Advertisement for Bids, submits the following Bid and agrees to 1.1 Representations, 1.2 Schedule of Work, and 1.3 Bid Amounts on original bid form.

Bid Tabulation for Overhead Electric Line Replacement with Buried Electric Line

<u>Description</u>	<u>Cost per Unit</u>	<u>Quantity</u>	<u>Subtotal</u>
Labor for 4' deep trenching, installation, and removal of overhead line between shower house and power pole	\$ _____	1.0	\$ _____
4" SCH-40 gray electrical PVC Conduit	\$ _____	450.0 ft	\$ _____
or			
4" HDPE (acceptable substitute)	\$ _____	450.0 ft	\$ _____
Sweeps on each end (6)	\$ _____		\$ _____

TOTAL SUPPLY LINE PORTION OF PROJECT: \$ _____ (numbers)

(written dollar amount)

Backfilling Specifications

1. Backfill material shall be placed in uniform layers not exceeding 18 inches in uncompacted thickness and mechanically compacted using platform type tamper. Compaction by rolling will be allowed for the second lift provided the first lift has been adequately consolidated. Water inundation is not allowed as a method of compaction, however, soil may be dampened prior to backfilling.
2. Backfill material shall be finely divided and free from debris and organic material. The first lift shall contain rock no larger than 1 inch in the greatest dimension. Subsequent lifts shall contain no rock larger than 3 inches in the greatest dimension.
3. Trench backfill at all depths shall be compacted to not less than 90% of maximum density.
4. Maximum density is defined as ASTM specification D698, Standard Proctor.

This map indicates which trenches will be in previously excavated trenches and which trenches will be new areas that have not previously been excavated.

(760 feet to well pit)

