

October 18, 2023

### **Exploratory Test Pits on SFS 136, Sorenson Brothers Orchards, LLC**

#### **Santaquin Reach Pipeline Station 746+50 to Station 749+00**

On October 18, 2023 a trackhoe was hired to excavate exploratory test pits to the invert elevation of the planned Santaquin Reach Pipeline (typically 10 feet) or to a depth of 6 feet where material was obviously native. A total of 8 test pits were excavated by Strawberry High Line Canal Company staff who had been hired to perform the field work as shown on the attached map. Jay Staheli excavated Holes 1-4 and \_\_\_\_\_ Burnie excavated Holes 5-8. Paul Sorenson, landowner, was present at the planned start time of 9 am, however the trackhoe did not arrive until 11:15 am and Paul had to leave before it arrived. In summary, only surface or near-surface concrete and rebar was found within the proposed federal easements. This material will be removed and disposed outside the federal ROW by the Santaquin Reach Pipeline contractor before starting field work in this area.

Dominion Gas had blue staked the 24-inch-high pressure gas line but further had requested to be notified when the trackhoe would arrive so they could have a representative present before digging started. Kevin with Dominion arrived at 11:20 am and asked that I go over the planned pipeline with him and help him measure the distance from the HP gas line to the closest test pits for his field notes. I informed Kevin that our centerline is generally 43 feet (measured) from the HP gas line and the closest edge of the slide rail shoring would therefore be about 37 feet during construction. Kevin then gave permission to excavate the test pits. The HP gas line is about 8 feet north of the fence line that is offset about a rod south from the section line (likely a remnant of a County trail that may have existed before the railroad was relocated to its current location in about 1914). I informed Kevin that our construction contractor will be required to coordinate the relocation of the HP gas test station riser post in the fence line of Feilds east of the interstate because the fence is being removed and relocated about 13 feet to the property line during construction.

Two test pits were excavated on the pipeline centerline to 10 feet deep (Hole 1 - invert elevation 4748 near Station 747+00, rising to Hole 2 invert elevation 4749 near Station 747+75). The material was uniform fine native tan sandy silt the full depth of the pit without visible gravel. This material appeared the same as typically encountered for nearly the entire length of Salem Reach 1, Salem Reach 2, and the Payson Spring Lake reaches. The pits were on the north side slope of the original borrow pit likely excavated for the interstate. The pits were photographed and filled.

Holes 3 and 4 were excavated where there were surface concrete chunks with some rebar and metal gate posts embedded in concrete. These holes are shown on the attached diagram and were excavated near Station 746+75 and Station 747+00 about 20 feet left of centerline (10 feet outside the perpetual

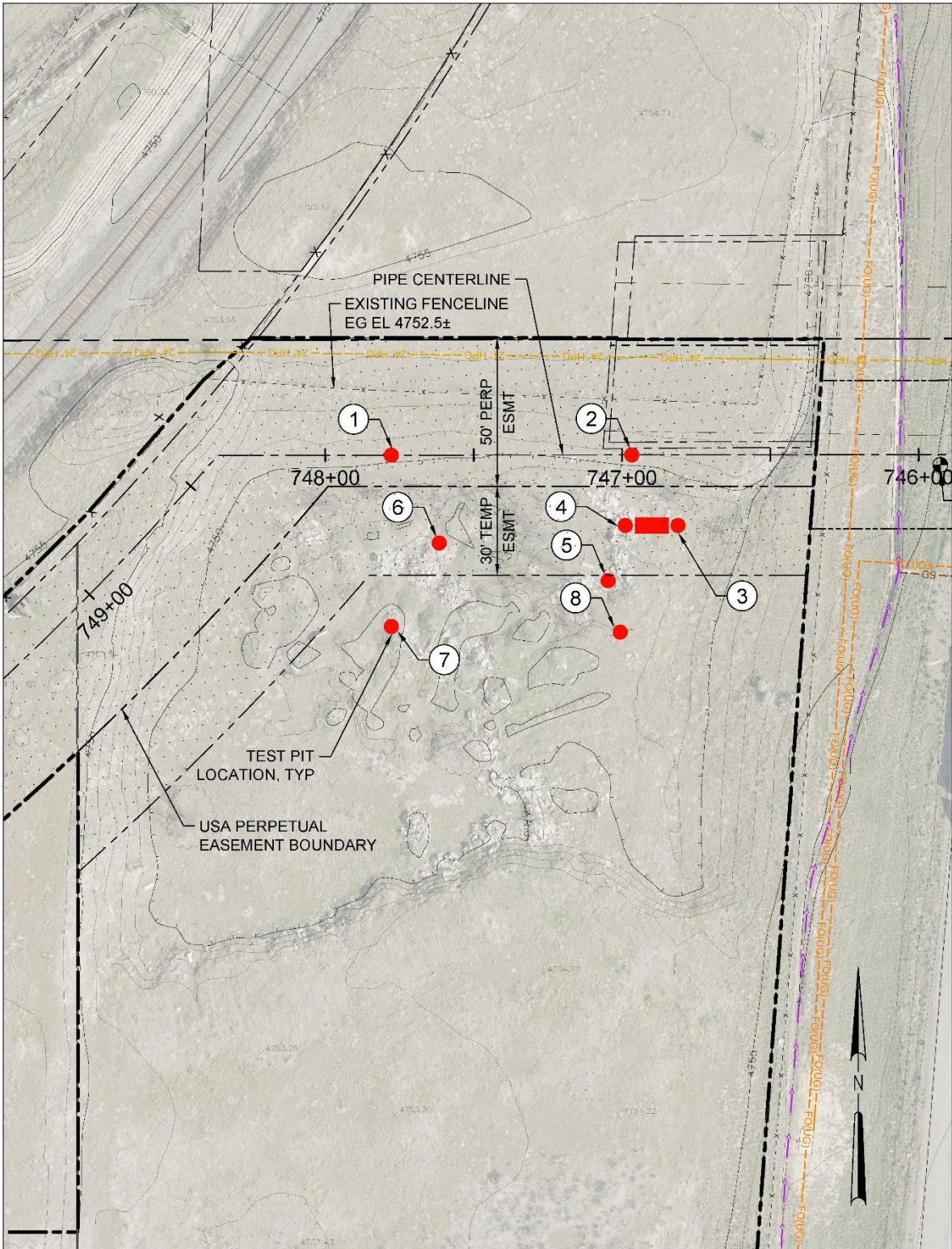
easement but within the adjoining 30-foot-wide temporary federal easement). These holes were excavated 7 feet deep to about Elevation 4749 and contained the same native tan sandy silt underlying concrete and rebar debris only in the upper 15 inches. Only native soil material was encountered below 15 inches of depth from the surface.

Hole 5 was dug a short distance south at the south edge of the temporary easement at Station 747+00 (about 40 feet south of the Santaquin Pipeline planned centerline). After scraping some surface concrete slab debris, the hole yielded a darker light brown silt that broke into shards rather than the more friable material in the other holes. The hole excavation was stopped at 6 feet of depth when it was apparent that there was no debris below the surface.

Hole 6 was dug near Station 747+65 about 25 feet left of pipeline centerline where there were small piles of soil material dumped to probe a pile. Two large concrete chunks about 5-6 feet long were exposed but the same silty native soil was encountered below the near surface concrete.

Hole 7 was dug outside the federal easements near Station 747+80 and about 55 feet to the left of centerline (about 15 feet south and outside of the temporary easement) where there was a higher ridge of imported material. The hole yielded brown topsoil the full depth that had apparently been stored for future spreading. No debris was found in the hole.

Hole 8 was dug near Station 747+00 and also was about 55 feet left of centerline and 15 feet south of the temporary federal easement. Hole 8 had compacted material with numerous 3-inch-minus cobbles embedded and looked different from the other holes. One small 12-inch-long chunk of concrete slab and one green plastic strap were located in the pit confirming the material was not native. No debris of concern however was found and only the two items described were encountered in the hole.







Hole 1 on Pipeline Centerline. Uniform sandy silt to 10 feet deep (pipeline invert)





Looking East with Hole 1 filled in foreground and Hole 2 in background on pipe centerline. No surface or subsurface debris within the 50-foot perpetual easement. The edge of the trees are just outside the perpetual easement and within the adjacent 30-foot temporary easement area.





Unsure which hole.





Looking south at trench between Hole 3 and Hole 4. Surface concrete and rebar pile scraped to side to dig down 10 feet and verify that there is not something buried below the surface piles.





Looking south at trench between Hole 3 and 4. Note some rebar and metal gate post embedded. All material scraped at surface.





Hole 5 looking northwest. Tighter silt.





Filling trench between Holes 3 and 4. All surface debris left on surface for construction contractor to remove.





Looking west-northwest at the start of Hole 5. Trench between Holes 2 and 3 that are backfilled is shown.





Looking west-southwest at Hole 7 location on higher filled ground south of federal easement determined to be imported topsoil. Holes 3, 4 and 5 in mid area of photo with surface debris in temporary easement scraped in piles.