

Construction Notes: Arbor Lake NW and NE tributary RIFFLE/POOLS



Bank where pulled back on both sides of both the NW and NE tributaries using an excavator with a 4 ft scoop. Work was done from both sides. Spoil soil was hauled away with dump trucks. Nothing was stockpiled.

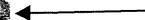
The first two structures were flagged to outline the rock placement. After this only the channel, bank, and toes cuts were mark as requested by the construction crew.



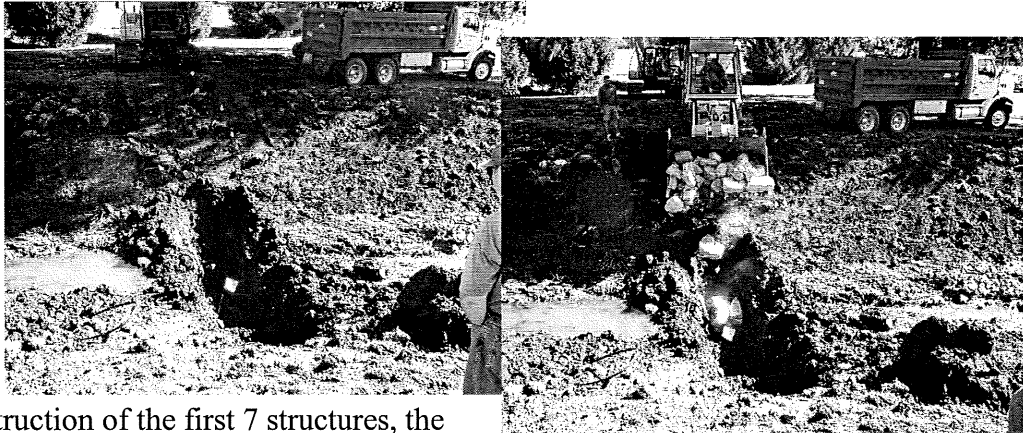
Rock was stockpiled near structure locations on both sides of the stream for the NW tributary and on the east side only for the NE tributary.



Rock Stockpile



Excavation work was done on one side of the stream for both tributaries using the excavator with a 3 ft scoop.



Construction of the first 7 structures, the key trench cut was made on the close bank and over-filled with rock using the CAT front loader. The excavator was used to push rock in place on the far side of the stream.



The far bank key trench was cut and rock pushed into place. The excavator cut the stream bed for the "tail" of the structure and rock pushed into place.





For the remaining structures, the key trench was cut on the far bank and the close bank.

Rock was placed with the CAT front loader into the close trench working across to form a bridge for rock placement on the far side of the stream.



The excavator finished by compacting and pushing the last rocks in place.



Clean-up and fine rock placement was done with a smaller skid loader.

