

WALL “A” RETAINING

Harrah’s Cherokee Casino

Pile, timber, panel retaining wall



PILE PANEL RETAINING WALL

This project was the “kick-off” phase for the \$650 million expansion that Harrah’s Casino performed at their Cherokee casino. This project involved many complex components, for which Owle was hired under a design-build Gross Maximum Price (GMP) contract. Included in this complex contract were expedited scheduling; proximity of the Event Center; traffic volume; pedestrian crossing; height of wall; high quality water permits; and stream no rise study. Based on these factors, Owle opted for a pile-panel retaining wall system. Initial operations included drilling rock sockets for the H piles and encasing the lower half of the piles to provide stability. Next, timber lagging was dropped to provide support for the earthen backfill. After backfilling operations were complete, precast, stained panels were cast and placed. Final operations included casting a coping to integrate the entire system and painting the wall to provide a neat, aesthetically eye appealing wall. This wall, quite complex in nature, was completed in a timely manner, with the highest regard for protecting the sensitive waters of the Soco Creek.

VOLUME

\$1,900,00

OWNER

Harrah’s Cherokee Casino

CONSTRUCTED

2008

UNIQUENESS

Pile, panel retaining wall with GMP component