



City of Lucas
Public Works/Engineering
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April 3, 2017

Blondy Jhune Bridges
Construction Update #18

Dear All,

Both bridge decks have been poured and will be curing for 28 days. All the retaining walls have been completed, and the contractor has started building the forms for the bridge rails.

The pavement on both side of both bridges is having the base material stabilized with lime. The lime comes in a tanker truck and is a white liquid. Depending on the amount of moisture in the base, the compaction of the material will take place numerous times with a sheepsfoot or flat roller in an effort for lime and base to "cook." A sheepsfoot roller has hundreds of knobs on the otherwise smooth roller. The knobs give the appearance that hundreds of sheep have trampled through the construction zone. These hoof marks increase the surface area and help the material to dry quicker.

When the base is ready, the side of the pavement will be formed and reinforcing steel will be placed before the concrete is poured.

The contractor is planning for the bridge openings to be in mid-May 2017.

Sincerely,

Stanton Foerster, PE
Public Works Director/City Engineer



East Bridge Looking East

The long blue handled brush is making the grooves in the deck to help rain water drain. The red frame is a screed that smooths out the wet concrete. The white blankets keep the exposed surface from drying too quickly.



West Bridge Looking North

The lime has been placed on the base material, but it has not been milled into the base.



Blondy Jhune Road west of the West Bridge Looking West

The lime is being milled into the base material.