Projects

32ND & BURT ELEMENTARY

Omaha, Nebraska

Working closely with Jackson & Jackson Architects, Ehrhart Griffin & Associates has performed surveying and civil engineering for the new OPS Elementary School at 32nd & Burt Street.

EGA performed civil engineering for both the public improvements and some private improvements for the new OPS school adjacent to the TAC building. Our scope included surveying, construction drawings, Post Construction Stormwater Management Plan and certification, erosion control plan and permit, and construction observation for both public and private civil improvements. Additional services included creating a plan for trenching and boring a Heat Pipe Loop from the new school to the TAC Building on the other side of Burt Street.

The topographic survey was done in 2017 under a separate contract with Jacobs, the District's program manager. Initial civil engineering tasks were primarily coordination and site planning with JJA and OPS. A demolition plan was required to remove the existing parking lot.

Sixteen sheets of civil engineering plans were prepared and 100% drawings were submitted in October of 2017 for bidding and then construction started in early 2018. Preliminary grading had occurred in Fall 2017 (see above photo).

We worked with JJA and the City of Omaha on a public improvements plan for sidewalk and parking in the right-of-way adjoining the school sides of 32nd Street and Burt Street. Storm sewer inlets needed to be installed, as well as a sanitary sewer manhole replacement.

The school site required a utility connections plan, a detailed grading plan, paving geometrics and details.

A Storm Water Pollution Prevention Plan (SWPPP) and a Post-Construction Stormwater Management Plan (PCSMP) were needed. The stormwater strategy on this site was to connect directly to the existing storm sewer. Where surface water was collected throughout the site, three water quality baffles were installed. Credits were given to the site which replaced what was actually more impervious surface than proposed.

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