

AL MEMO - July 8, 1970

File: Wichita-29 (Cargill Storm Sewer)

PROJECT

1042 ft. storm sewer located between 13th and 15th Streets, vicinity of Cargill Plant, Wichita, Kansas.

SCOPE OF PROJECT

To drain surface water adjacent to plant site and Rock Island tracks to prevent odors and to eliminate unsafe working conditions during extended periods of rain or snow.

SIZE OF LINES

1. Main line of storm sewer to be 10 in. Arcoo 18 gauge corrugated metal pipe.
2. Lateral drains to be 8 in. Arcoo 16 gauge corrugated metal pipe.
3. Lateral drain manholes to be 16 gauge, 18 in. corrugated metal pipe.
4. Main line manholes shall consist of 5, 24 in. Arcoo, 16 gauge corrugated metal pipe and two 36 in. Arcoo 16 gauge corrugated metal pipe to be used as collection pits for floating refuse.

METHOD OF INSTALLATION

All trenches and manhole locations to be dug with Rock Island back-hoe undercutting a minimum of 4 in. below grade and back filled with crushed rock to grade. Unsuitable material removed from trenches shall be trucked away and suitable material brought in, such as sand or crushed rock.

All storm sewer pipes and manholes to be installed by Rock Island Bridge and Building Forces.

All engineering and storm sewer grades to be set by Rock Island engineers and inspected by City of Wichita Inspector.

All manholes to have concrete bottom and 12" X 12" concrete collar to serve as apron and support for metal collar grate. Concrete to be used will be standard five-mix mix furnished by Sand-Mix Plant.

Back fill material to be tamped and compacted to City of Wichita specifications.

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