

FC-9901 EMERGENCY GENERATORS

HIGHLIGHTS:

- **Client: City of Nichols Hills, OK**

Mr. David Poole, City Manager
6407 Avondale Drive
Nichols Hills, OK 73116
Tel.: 405/843-6637

- **Project Year: 1999**
- **Project Cost: \$127,872.25**

As City Engineer, our staff was totally responsible for designing three (3) Y2K generators for the City of Nichols Hills:

- One 200kW, 250 kVA generator to serve as emergency power standby for the Public Works Facility including water well power, booster pump power and office lighting
- One 7.5 kW, 9.4 kVA generator to power the radio communications building at the Public Works Facility.
- One 125kW, 156kVA portable (truck-pulled) generator which can be driven to selected remote water wells in case of a power outage.

All the emergency generators are 4-cycle, 1800 rpm diesel fueled and automatically self-tested once per week.



Our staff provided engineering design and experienced construction administration including amendments and change orders. Upon completion of the project, as-built plans were prepared and provided to the City.

ON-CALL ENGINEERING SERVICES

HIGHLIGHTS:

- **Client: City of Oklahoma City, OK**

Mr. Dennis Clowers, P.E.
City Engineer
420 W. Main - 7th Fl.
OKC, OK 73102
Tel.: (405) 297-2033

- **Project Year: 2008-2009**

As Engineering Consultant for the City of Oklahoma City, our staff is responsible for providing on-demand engineering services including the following individual projects:

Harvest Hills Addition Pedestrian Bridge, Channelization and Rollingwood Addition Drainage Improvements:

787 SY channel liner
108 SY concrete Channel (30')
686 LF perforated pipe underdrain

Emergency Lightning Creek Channel Repair and Sanitary Sewer Repair:

1,038 CY Borrow	345 LF 8" PVC SS pipe
677 SY channel liner	80 LF sewer service line
902 SY concrete channel liner	900 SY solid slab sodding
539 LF perforated pipe underdrain	

Bricktown Canal Inspection: provided pictures and plans with corresponding stationing, revised report and estimate for repairs.



I-40 / Robinson Street Ramp Re-configuration:

624 Tons asphalt concrete
2,790 SY P.C. concrete
698 CY Portland cement
960 LF 2'-8" curb & gutter

Emergency Outlet Structure Repair at the Detention Pond on Cry Creek:

60" concrete headwall
129 LF 60" Hobas SN46
48" concrete headwall
Drop inlet
48" Hobas pipe

PUBLIC SAFETY CAPITAL PROJECTS

OUTDOOR SIREN WARNING SYSTEM—2001

HIGHLIGHTS:

- **Client: City of Oklahoma City, OK**

Mr. Dennis Clowers, P.E.
City Engineer
OKC Public Works Department
420 W. Main St.—7th Floor
Oklahoma City, OK 73102
Tel.: 405/297-2033

- **Project Year:**
2001>2002
- **Project Cost:**
\$5,045,000.00

As Consulting Engineer, members of our staff were totally responsible for civil, surveying and GIS expertise for this project which included the location, approval and installation of 181 outdoor sirens giving total coverage for all 620 square miles of Oklahoma City.

We prepared the base site coverage map and recommended the final number, configuration and location of 181 sirens including coordinating input from the City of Oklahoma City officials and preparing site plan drawings required for building permits.



Our firm provided the City with reports, drawings and electronic files compatible with City filing and GIS systems.