

# 12" WATERLINE (SOUTH OF COVELL RD.) N. WESTERN TO N. SANTA FE

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## HIGHLIGHTS:

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

Mr. Steve Manek, P.E.  
City Engineer  
P. O. Box 2970  
Edmond, OK 73083  
Tel.: (405) 359-4770

- **Project Year: 2007**
- **Project Cost: \$364,088.60**

Our staff was totally responsible for the design of a new 12" water transmission line located south of Covell Road from North Western Avenue to North Santa Fe Avenue in Edmond.

Topographical surveys were conducted and construction plans and specifications were prepared for approximately:

- 5,457 L.F. 12" Waterline
- 222 L.F. 8" Waterline
- 208 L.F. 6" Waterline
- 101 L.F. 24" Steel Encasement (by Trenching)
- 4,700 LBS. Ductile Iron Fittings, Mech. Jnt.
- 7,400 S.Y. Solid Slab Sod

Members of our staff provided experienced construction administration including amendments and change orders on an as-needed basis. Upon completion of the project, as-built plans were prepared and provided to the City. The project was constructed within the budget and time constraints estimated for completion.



# WC-0101/WW-0102 1999/2001 G. O. BOND ISSUES WATERLINE EXTENSION TO SERVE WATER WELL NO. 25 / MISCELLANEOUS WELL SITE IMPROVEMENTS

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## 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: 2002**
- **Project Cost:  
\$144,282.90**

As City Engineer, members of our staff were totally responsible for the extension of a six inch (6") waterline to serve Water Well No. 25 and miscellaneous well site improvements including investigation and development, design, bidding, funding, inspection and contract administration.

Topographical surveys were conducted and rehabilitation plans and specifications were prepared for:

- 1,645 L.F. of 6" DIP waterline

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



# DC-9601 1996 G. O. BOND ISSUE DRAINAGE IMPROVEMENTS PROJECT PHASE I—DAVIS PARK

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## 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: 1996**
- **Project Cost: \$56,147.55**

As City Engineer, members of our staff were totally responsible for the drainage improvements to Davis Park including investigation and development, design, bidding, funding, inspection and contract administration.

Upon determination of the project issues, members of our staff prepared a cost analysis to determine the scope of the project.

Topographical survey was conducted and rehabilitation plans and specifications were prepared for:

- 446 L.F. of 30" RCP
- 168 S.Y. of 4' concrete sidewalk
- 166 S.Y. of 6" concrete pavement complete with 6" curb
- 190 L.F. of perforated pipe underdrain



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

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# DC-0701 2007 G. O. BOND ISSUE STRATFORD DRIVE DRAINAGE IMPROVEMENT PROJECT

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## 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: 2009**
- **Project Cost: \$1,949,140.00**

As City Engineer, members of our staff were totally responsible for the drainage improvements to the Stratford Drive area including investigation and development, design, bidding, funding, inspection and contract administration.

Upon determination of the scope of the problem, members of our staff prepared a cost analysis to determine the scope of the project.

Topographical survey was conducted and rehabilitation plans and specifications were prepared for:

- 4,279 SY of 6" PC concrete paving
- 2,527 LF integral curb
- 3,126 LF 7'x4' Des. #18 RCB
- 430 SY concrete pavement cut & permanent repair
- 298 SY 6" PC concrete driveway remove/replace (HES)

Members of our staff provided experienced construction administration including amendments and change orders.

Upon completion of the project, as-built plans were prepared and provided to the City.





# SC-0493 SANITARY SEWER RELOCATION @ I-35 AND I-40 INTERCHANGES PHASES I & II

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## HIGHLIGHTS:

- **Client: Oklahoma City Water Utilities Trust (OCWUT)**

Ms. Marsha Slaughter, P.E.  
420 W. Main - 7<sup>th</sup> Fl.  
OKC, OK 73102  
Tel.: (405) 297-2033

- **Project Year: 1998**
- **Project Cost: \$1,645,029.00**

Members of our staff were totally responsible for design including investigation and development, bidding and contract administration for relocation of a sanitary sewer outfall line to serve downtown Oklahoma City and to make way for the newly constructed I-35/I-40 Interchange.

Topographical survey was conducted and construction plans and specifications were prepared for:

- Approximately 520 L.F. of 8" sanitary sewer line
- Approximately 1,653 L.F. of 12" sanitary sewer line
- Approximately 1,670 L.F. of 18" sanitary sewer line
- Approximately 4,450 L.F. of 24" sanitary sewer line
- Approximately 372 L.F. of 30" sanitary sewer line



Members of our staff provided experienced construction administration including amendments and change orders. Because this construction/relocation was an Oklahoma City/Oklahoma Department of Transportation project, final quantities were separated to justify all expenditures. Upon completion of the project,

as-built plans were prepared and provided to the City.

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# SC-0609 DEEP FORK SANITARY SEWER REHABILITATION AND RELIEF LINE

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## HIGHLIGHTS:

- **Client: Oklahoma City Water Utilities Trust (OCWUT)**

Ms. Marsha Slaughter, P.E.  
420 W. Main - 7<sup>th</sup> Fl.  
OKC, OK 73102  
Tel.: (405) 297-2033

- **Project Year: 2002-2003**
- **Project Cost: \$3,897,000.00**

Members of our staff were totally responsible for design including survey, investigation and development, bidding and contract administration for the study, design and construction of a sanitary sewer line rehabilitation in the vicinity of the Deep Fork area of Oklahoma City from N. Pennsylvania Avenue to N. Portland Avenue and N. W. 41st Street to N. W. 30th Street.

Topographical survey was conducted and construction plans and specifications were prepared for bidding the project in two separate phases. The project phasing is due, in part, to the different types of rehabilitation: 7,050 L. F. trenchless-in-place construction and 9,400 L.F. new-alignment construction. Additionally, the project phasing was suggested to keep estimated construction costs within a reasonable limit to allow local contractors the ability to bid these projects.



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

# CONSTELLATION STREET PAVING RECONSTRUCTION

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## HIGHLIGHTS:

- **Client: The University of Oklahoma**

Mr. Michael Moorman  
OU A & E Services  
6152 Cross Center Drive  
Norman, OK 73069  
(405) 325-4194

- **Project Year: 2004**
- **Project Cost: \$389,678.00**

Members of our staff were totally responsible for design including investigation and development, bidding and contract administration of portions of the reconstruction of David L. Boren Boulevard within the University Research Campus South in Norman.

Topographical survey was conducted and construction plans and specifications were prepared for:

- 5,321 C.Y. of excavation and embankment
- 1,437 Tons of asphaltic concrete paving
- 2,635 L.F. of concrete curb and gutter
- 1,058 L.F. of large diameter storm sewer
- 1,445 S.Y. of concrete sidewalk



Construction administration of this project was handled by members of our staff, as well as providing experienced construction inspection. Construction administration included amendments, project documentation and change orders. Upon completion of the project, as-built plans were prepared and provided to the University of Oklahoma.

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