

Statement of Qualifications

THOMPSON CIVIL



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Thompson Civil, LLC
Design Engineering and
Construction Management Services

THOMPSON CIVIL, LLC

COMPANY OVERVIEW

Thompson Civil, LLC is an Engineering firm with an emphasis in Civil Engineering improvements including Roadway Design, Drainage Design, Site Design, and Construction Management. The staff of Thompson Civil has several years of combined experience in developing new concepts for site design, roadway design, pavement design, and related engineering projects from preliminary studies through final design documents (PS&E) for construction. We also perform construction inspection and documentation during construction efforts. *Thompson Civil, LLC is recipient of the Illinois DBE 2018 Engineering Firm of the Year award.*

Thompson Civil has been the Prime Consultant on many Roadway Design projects for private developers. Our experience includes developing projects from the initial Concept Plans to the final design Construction Documents. We perform roadway improvements for State, County and Municipal projects. We provide Staff that has performed pavement rehabilitation and design of several roadway projects totaling in the several millions of construction dollars.

Thompson Civil engineers are well respected within the industry and have gained recognition for producing quality design documents. Thompson Civil strongly believes that by utilizing the latest technology available combined with its diverse experience, we will be able to produce quality and cost-effective designs. Thompson Civil has the capacity to perform construction inspection, ADA design, roadway and airport pavement rehabilitation design, utility design & coordination, quantities/data collection, QC/QA Geometric review, cost estimate, safety studies, capacity analysis, roadway plan, erosion control plan, drainage plan, striping plan, traffic staging plan, QC/QA, and public involvement.

Thompson Civil also has experience in storm water management and sanitary sewer design. We have a full understanding of the changing guidelines and procedures used by federal, state, and local governmental agencies. We currently have DBE certifications through MODOT and IDOT and MBE certifications in Illinois and Missouri.

Thompson Civil staff has experience, specialized training and has been responsible for many roadways and airport pavement designs, drainage designs, site designs, construction inspection and contract administration on several engineering projects:

- Municipal/County Roadway Reconstruction/Resurfacing
- School Site Design
- Food Mart/Gas Station Site Design
- Daily On-Site Construction Inspection
- Airport Pavement (PCI/PMS)
- Highway, County and Local Pavement Design

ROADWAY/DRAINAGE DESIGN

PRIME CONSULTANT for IDOT PTB 212-032, Phase II Engineering Services, Job No. P-96-012-24, 2024, District 6.

Phase II engineering services are required for various projects throughout District Six. Phase II work may consist of roadway repair plans, structure repair plans, traffic signal maintenance plans, traffic staging plans, temporary and permanent erosion control plans, and any other related work required to complete plans, specifications and estimates as necessary.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

PRIME CONSULTANT for IDOT PTB 202-033, Phase III Engineering Services, Job No. V-98-002-20, 2023, District 6.

Work Order consisted of construction inspection for Contracts 72B64 and 82H41 in Macoupin County. For Contract 72B64 we are to provide construction inspection for Box Culverts. For Contract 72H41 we are to provide construction inspection for paving and micosilicia bridge decking. All Phase III construction engineering services are required to provide construction inspection, supervision, engineering layout, on-site inspection, maintenance of records and documentation, on-site material testing, and/or quality assurance testing for various projects throughout District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

PRIME CONSULTANT for IDOT PTB 195-054, Phase III Engineering Services, Job No. P-97-018-13/D-97-036-13, 2023, District 8.

Phase III engineering services are required for the construction inspection, supervision, engineering layout, material testing, and record maintenance in District eight for various contracts at various locations in Greene, Jersey, Calhoun, Madison, Bond, Clinton, Marion, Monroe, Randolph, St. Clair, and Washington counties. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis.

SUB-CONSULTANT for IDOT PTB 200-033, Job No. P-97-018-13/D-97-036-13, Phase I/II Engineering Services, 2023

Thompson is responsible for developing the PS&E for Four full ADA designs will be required at the following intersections on Old US 51 Business in Decatur, Macon County, Region Four/District Seven:

- o SB US 51 Business and the at grade Railroad Crossing.
- o SB US 51 Business and E Packard St.
- o SB US 51 Business and E King St.
- o SB US 51 Business and Cerro Gordo St.

Currently, Infrastructure Managing Consultant, City of East St. Louis, IL, 2023-Present

Thompson Civil is currently the Infrastructure Management Consultant for the City for all Capital Improvements. Projects include roadway design, site design, traffic control, erosion control, roadway detours, drainage design and construction management for all projects. Engage Design firms for building design and or rehabilitation. General description of Scope includes Design and Construction Inspection for the reconstruction of Municipal streets. Responsibilities include interpolating contract documents to the contractor to ensure that the improvement is according to plans and specifications. Submit Contractors' pay request to the Owner. Monitor the safety and quality during the reconstruction. Engage in bi-weekly meetings with the Contractor to discuss project schedule and any project concerns. Coordinate with the Contractor and public utility companies for any utility conflicts. Note that the City has adopted IDOT's Standards and Specifications, and all roadway construction projects are monitored using IDOT's Construction Manual forms, and IDOT rules and regulations.

SUB-CONSULTANT for IDOT PTB 192-019, Job No. D-98-052-19 Var. Phase I/II Projects, 2022.

Thompson was responsible for developing the PS&E for a DMS project on Interstate 270 and IL Route 255. The Prime provided the initial location of DMS. We developed the Cover, General Notes, MOT, Plan Sheets, Details, Specifications and Estimate. We also performed guardrail design as a part of the project. Other sub-consulting firms provide electrical and structural designs, costs, and specifications.

Interstate 270, Riverview Interchange in MO to Illinois Route 157, 2018 to 2020

Responsibilities include pavement rehabilitation design, alternate geometric design studies, and pavement design for interchange design studies. Our firm served as a subconsultant to CMT.

- Performed the Pavement Design and Life-Cycle Cost Analysis for Interstate 270 (Riverview Blvd. to Route 111). Analysis included several ramps and side roads.
- Rehabilitation Design of the Existing Pavement This project is located on Interstate 270 (I-270) starting from west of IL 3 to East of I-255 in Madison County. The proposed scope of work includes the resurfacing and widening of sections along I-270, replacement of Interchanges where I-270 intersects IL 3, IL 111, IL, and reconstruction of Engineers Road.

The proposed improvements include pavement reconstruction and lane additions in each direction on I-270. Due to reconstruction and widening of I-270, the existing Engineers Road and ramps (at IL3, IL 111 and IL 203) will be shifted. This report mainly focuses on recommendations for sections on I-270 and affected facilities.

Infrastructure Managing Consultant, City of East St. Louis, IL, 2019 – 2022

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The proposed improvements include pavement reconstruction and lane additions in each direction on I-270. Due to reconstruction and widening of I-270, the existing Engineers Road and ramps (at IL3, IL 111 and IL 203) will be shifted. This report mainly focuses on recommendations for sections on I-270 and affected facilities.

MODOT Route 61/67 Widening and Overlay in Crystal City, Jefferson County, MO, 2019

This project involves adding two-way left turn lane and replacing drainage along both sides of MO Route 61/67 between Bauman Dr. and Casey in Jefferson County. The existing roadway consists of an undivided four lane section with two southbound lanes and two northbound lanes, each approximately 11'W, and 8' shoulders on each side. This project will add a two-way left turn lane to address a safety issue at the Bauman Dr. intersection. Additionally, the project will provide revised driveway connections to the existing entrances along the corridor, pavement widening to accommodate the two-way left turn lane, update to the existing drainage, adjustments to signage and pavement marking, temporary traffic control plans, erosion control plans, minimal grading adjustments at the intersections to facilitate drainage, and final sodding.

We used internal accounting methods and procedures for documenting Project costs and submitted monthly invoices and progress reports in a format suitable to WSP. The progress reports summarize the work performed for each Project task during the previous month and describe anticipated activities. We attended five (5) design coordination meetings with WSP. We carried out quality assurance and control based upon procedures outlined in WSP's QA/QC requirements. We included our Deliverables, and Monthly progress reports with invoices. During field investigations, we conducted site visits to check existing conditions. During the Preliminary Plans phase, we prepared Preliminary Plans that showed the general nature of the drainage and erosion control improvements required for the proposed improvements. We included drainage improvements that accommodate geometric improvements to add a two (2)-way left turn lane, sidewalk, and driveway connections within the existing and proposed right-of-way. We performed all drainage design and erosion control improvements. We prepared the quantities and cost estimates for all drainage and erosion control for the improvements.

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Utility Coordinator IDOT District 8, 2018-2023.

PRIME CONSULTANT for PTB 184-029 UTILITY COORDINATION. Currently performing utility coordination for IDOT by constantly informing IDOT about potential conflicts. Helped maintain the Utility Conflict Matrix as an up to date, living, decision-making document. Met with utility owner representative at project team meetings when utility issues are discussed and made sure that there are no gaps or loose ends in the ongoing process. During the design stage helped identify secondary impacts on existing utility facilities if the engineer contemplates new project design changes. Maintained communication with utility owner reps. Getting updates on the progress of the utility owner engineers designing the required relocation plans. Brokers interim meetings between utility owner engineers and project engineers so that the relocation plan development stays on track.

Work Orders

1. Plum Hill School Road at Illinois Route 158/177
2. Illinois Route 161 over Crooked Creek (Bridge Replacement)
3. Illinois Route 157 over Silver Creek (Culvert Replacement)
4. Illinois Route 161 ADA Improvement (Beech St. to Pleasant Ave in Centralia)
5. Illinois Route 160 Weslin intersection replacement.

SITE DESIGN/HYDRALICS/HYDROLOGY

City of Ferguson MO. Ferguson, Missouri. Currently, performing a Site design project including a parking Lot, walking path, restroom, Pavilion area. The design includes determining the no-rise certification to determine base flood elevation. To determine the finish floor of the pavilion. Work includes submitting to all regulatory agencies to comply with Endangered Species Act, consult with MDC and obtain clearance letter, Floodplain Development, Contact local floodplain administrator for any needed permits. Comply with Clean Water Act Sections 602. Obtain NPDES Permits, Ensure section 602 Compliance. Comply with env. laws regarding use of borrow & spoil sites. Comply with applicable laws. Hazardous waste, determined presence, contact DNR if hazardous materials are found, ensure compliance. The project is ongoing.

SAVON Mart, Inc., Belleville Illinois, Collinsville Illinois, and Unincorporated St. Clair County, Illinois. Civil Engineering Prime Consultant for Site Design of 3-existing Gas Station Convenience Stores. Each property required rezoning and consolidation. The properties consisted of expanding additional warehouse space to new retail and office space. Design for these projects included a site plan, drainage plan, horizontal control, SWPP plan, vertical control, grading plans, demolition plans, utility plans and parking lot design plans. The parking lot was design to accommodate the required City parking stalls and positioning the main structure. Pre-development and post-development drainage calculations were performed per St. Clair County requirements. We were also responsible for plan specification writing. Project reviewers were the Planning and Zoning Department of each City along with their Public Works, Fire, Police and Sewer Departments. The project is ongoing.

Greater St. Paul M.B Church, St. Louis Missouri, Civil Engineering Site Designers for a new parking lot at the intersection of 5600 Gilmore Avenue. Design for this project included site plan, drainage plan, vertical control, grading plans, and paving plans. Drainage design included Best Management Practices requirement of MSD. Project reviewers are the City of St. Louis, MO, MAWC, Ameren and MSD.

Nada #1, Inc., Franklin County, Missouri, Civil Engineering Site Designers for a new Motor Fueling Station/Convenient Store and eight (8) three story apartment buildings at the intersection of Highway 100 and Route OO in Franklin County, MO. Design for this project included site plan, drainage plan, horizontal control, vertical control, grading plans, demolition plans, SWPPP plans, underground, detention basin design, utility plans and paving plans. Pre-development and post-development drainage calculations were performed per Franklin County requirements. We are also responsible for plan specifications as related to the site. Project reviewers are Franklin County, MoDOT, City of Pacific, MO., and various utility companies.

Hadeel, LLC, St. Louis, Missouri, **Currently**, Civil Engineering Site Designers for a new Motor Fueling Station/Convenient Store and tunnel car wash at the intersection of Parnell Ave., and St. Louis, Ave. Design for this project included site plan, drainage plan, vertical control, grading plans, and paving plans. Project reviewers are the City of St. Louis, MSD, and other various utility companies.

Balu, Inc., St. Louis, Missouri, Civil Engineering Site Designer for a parking lot expansion for an existing Convenience Store in Halls Ferry Circle. This project included site plan, drainage plan, horizontal control, vertical control, grading plans, demolition plans, utility plans, SWPPP, cross sections, and paving plans. Pre-development and post-development drainage calculations were performed per MSD requirements. I was also responsible for specification writing. Project reviewers were the City of Jennings Missouri, MODOT, MAWC, Laclede Gas Co., and Ameren of Missouri.

Vanchi Properties, LLC., Creve Coeur, Missouri, Civil Engineering Site Designer for a new medical office building at the intersection of N. New Ballas Court and E. Rue De La Banque Street in Creve Coeur, Missouri. Design for this project included site/stripping plans, drainage plans, horizontal control/vertical control, grading plans, demolition plans, utility site/utility details plan, storm/sanitary sewer hydraulic calculations, and paving plans. Pre-development and post-development drainage calculations were performed per MSD requirements. I was also responsible for specification writing. Project reviewers were the City of Creve Coeur Public Works, St Louis County, MSD, Ameren electric, Laclede gas, and the Missouri American Water Company.

Crown Food Mart Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new tunnel car wash at the intersection of Union Blvd. and Natural Bridge Ave. Design for this project included site plan, drainage plan, vertical control, grading plans, and paving plans. Project reviewers are the City of St. Louis, Missouri.

Safi, Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new parking lot at the intersection of Natural Bridge Ave. and Hamilton Ave. Design for this project included site

plan, drainage plan, striping plan, demolition plan, and vertical control, grading plans, and paving plans. Project reviewers are the City of St. Louis and MSD.

Webb Engineering Services, Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new playground spraying station at the intersection of Latty Avenue and Hanley Road in St. Louis, Missouri. Design for this project included site plan, drainage plan, and utility plans. Pre-development and post-development drainage calculations were performed per MSD requirements. I was also responsible for specification writing. Project reviewers were the City of Hazelwood Missouri, and St. Louis.

King Food Phillips, Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new Convenience Store and Corporate office at the intersection of Vandeventer and Martin Luther King Drive. Design for this project included site plan, drainage plan, horizontal control, vertical control, grading plans, demolition plans, utility plans and paving plans. Pre-development and post-development drainage calculations were performed per MSD requirements. I was also responsible for specification writing. Project reviewers were the City of St. Louis, Missouri, and MSD.

Crown Food Mart Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new tunnel car wash at 300 South Jefferson Avenue in St. Louis, Missouri. Design for this project included site plan, drainage plan, vertical control, grading plans, and paving plans. Project reviewers are the City of St. Louis and MSD.

Webb Engineering Services, Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new community clubhouse complex at the intersection of Sarah Street and Enright Street in St. Louis, Missouri. Design for this project included site plan, drainage plan, horizontal control, vertical control, grading plans, demolition plans, utility plans and paving plans. Pre-development and post-development drainage calculations were performed per MSD requirements. I was also responsible for specification writing. Project reviewers were the City of St. Louis, Missouri, and MSD

Salameh Food Market Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new Convenient Store at the intersection of Kingshighway Blvd. and St. Louis Avenue. Design for this project included site plan, drainage plan, horizontal control, vertical control, grading plans, demolition plans, utility plans and paving plans. Pre-development and post-development drainage calculations were performed per MSD requirements. I was also responsible for specification writing. Project reviewers were the City of St. Louis, Missouri, and MSD.

Crown Food Mart Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new Convenient Store at the intersection of 18th Street and Missouri Avenue in East St. Louis, Illinois. Design for this project included site plan, drainage plan, horizontal control, vertical control, grading plans, demolition plans, utility plans and paving plans. Pre-development and post-development drainage calculations were performed per the Illinois Department of Transportation requirements. I was also responsible for specification writing. Project reviewers were the City of East St. Louis Planning and Zoning, Illinois Department of Transportation, Illinois Environmental Protection Agency, and City of East St. Louis Department of Public Works.

Crown Food Mart Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new Convenient Store at the intersection of Kingshighway Blvd. and Martin Luther King Drive. Design for this project included site plan, drainage plan, horizontal control, vertical control, grading plans, demolition plans, utility plans and paving plans. Pre-development and post-development drainage calculations were performed per MSD requirements. I was also responsible for specification writing. Project reviewers were the City of St. Louis, Missouri Department of Transportation, and MSD.

Crown Food Mart Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new Convenient Store at the intersection of Jefferson and Clark. Design for this project included site plan, drainage plan, horizontal control, vertical control, grading plans, demolition plans, utility plans and paving plans. Pre-development and post-development drainage calculations were performed per MSD requirements. I was also responsible for specification writing. Project reviewers were the City of St. Louis, Missouri, Department of Transportation, and MSD.

Crown Food Mart Inc., St. Louis, Missouri, Civil Engineering Site Designer for a new Convenient Store at the intersection of Delmar Blvd. and Goodfellow. Design for this project included site plan, drainage plan, horizontal control, vertical control, grading plans, demolition plans, utility plans and paving plans. Pre-development and post-development drainage calculations were performed per MSD requirements. I was also responsible for specification writing. Project reviewers were the City of St. Louis, and MSD.