

### **ABOUT US**

We have been in business since 2014. Our core business is local transportation projects with federal funding. Our key staff have 11-30 years' experience in the LPA program. We are a leading provider of LPA projects with federal funding.

### **CAPACITY & CAPABILITY**

We can handle the construction inspection of 30-35 LPA projects per year and may include the construction of:

- bridges
- roads & streets
- sidewalks, trails
- drainage structures
- site developments
- soil embankments
- geotextile installations
- steel buildings
- masonry buildings
- steel buildings
- precast concrete buildings
- retaining walls
- storm water facilities
- water main
- sewer

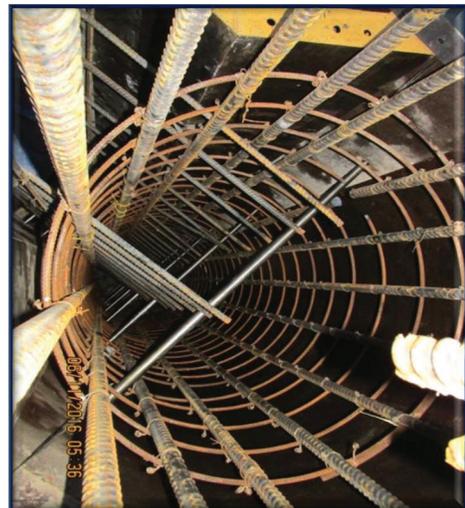
We maintain multiple sets of concrete testing equipment so we can cover multiple projects at any time. Our concrete testing lab includes an inventory of cylinder molds, cube molds, multiple curing tanks, and a calibrated compression test machine. We have the capacity to make/use mortar cubes and both 4" and 6" test cylinders.

### **TECHNICAL EXPERTISE & EXPERIENCE**

The majority of our staff that work on LPA projects has been through the MoDOT LPA Basic Training Level 1, the MoDOT certification process for field testing of concrete, and a few have the required certifications to test concrete compression samples in our laboratory. In addition to the MoDOT certifications, we provide in-house training that is specific to the types of projects we have with LPA clients. In order to help our field staff do their job well, we also develop and issue a construction inspection reference manual and checklist that provides background information and guidance on various inspection duties and construction topics. The supervision of our construction inspection efforts is led by a registered structural engineer.

### **TECHNOLOGY IN CONSTRUCTION**

Howe Company has implemented the Appia software for construction phase documentation and equips construction inspectors with tablets to support the use of the Mobile Inspector app.





In addition to construction inspection and concrete testing, we have much experience with the following:

- Assembly of construction contracts
- Preparation for and administration of pre-construction conferences
- Review of shop drawings and material submittals
- Review of certified payrolls
- Wage Rate Interviews
- Review of the required on-site board postings
- Review of pay requests
- Preparation of progress invoices
- Progress Reports
- Daily Diary Entries
- Semi-final Inspections
- DBE CUF Interviews
- Project Close-out Administration



We have experience with many of the unpleasant circumstances that can develop during a construction project including:

- Slow gain of concrete strength related to Type 1L cement or pozzolan additives
- Concrete that does not reach design strength.
- Damaged girders.
- Contractor over on time.
- Contractor fails to perform.
- Contractor defaults & bonding company is called in.
- Damage to the substructure during construction.
- Differing site conditions



We have been through a variety of FHWA compliance reviews. These reviews went well and helped us be better prepared to help our clients comply with the federal requirements.



**Civil and Structural Engineers**

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### **Mercer County Bridge #25200072, BRO-B065 (40)**

This is a 97 foot long x 24.5 ft wide NU-43 concrete girder bridge.

This project included federal funding.

Construction cost was \$651,948.00.

Reference: Jerry Allen, Associate Commissioner

Phone: (660) 748-3425



### **Putnam County Courthouse Square Sidewalks**

#### **Putnam County, MO – TAP Grant Funded**

This included new reinforced concrete pavement on aggregate base, steps, and hand rails. This project included federal funding. The construction cost was \$115,000.

Reference: Robert Munden, Presiding Commissioner

Phone: 660-947-2674



### **Knox County Rebel Run BRO-R053(23)**

This is a 204'-0", three span bridge with prestressed concrete NU-35 girders. This project included federal funding. Construction cost was \$1,304,935.92.

Reference: Leslie Cardwell

Presiding Commissioner

Phone: 660-397-2688



### **Bethany Sidewalk TAP-9900(139) Bethany, MO**

The sidewalk is 4,545 feet of a new 4' wide ADA complaint sidewalk.

This job included federal funding. Construction cost was

\$464,258.50.

Reference: Jake Taylor, City Administrator

Phone: 660-425-8675



### **Bethany 30<sup>th</sup> Street Extension**

#### **City of Bethany, MO**

An extension of 30<sup>th</sup> Street in Bethany, MO consists of 2580 linear feet of 30' wide, 8" thick concrete street, curb & gutter with concrete pipes, 2 large corrugated metal pipe culverts, 800 linear feet of 8" PVC gravity sanitary sewer. This project included local funded. Construction cost was \$1.7 million.

Reference: Jake Taylor, City Administrator

Phone: 660-425-8675



### **Bethany 39<sup>th</sup> Street Sidewalk TAP-9900(127)**

#### **City of Bethany, MO**

A sidewalk along 39<sup>th</sup> Street in Bethany, MO consists of 2,600 linear feet of new sidewalk along an existing concrete street, and a crosswalk, signage, and hand rails. This project was federally funded. Construction cost was \$178,939.15.

Reference: Jake Taylor, City Administrator

Phone: 660-425-8675



**South Harrison R-II School District  
High School Parking Lot & Bus Road  
Bethany, MO**

This project consisted of storm water piping, aggregate base, concrete pavement for parking, street entrance, and bus road. Parking stall striping was also completed. This project was locally funded. Construction cost was \$800,373.

Reference: Dennis Eastin, Former Superintendent  
Phone: (660)-425-8044



This project also consisted of concrete pavement improvements for a 1,100 ft long road for the school district.



***Daviess County – Quick Avenue***

Howe Company was hired to prepare bid specifications and documents for the overlay of 1.5 miles of Quick Avenue from a manufacturing facility to its intersection with State Route V with 2 inches of hot mix asphalt. This project included local funding.

Reference: David Cox, Associate Commissioner  
Phone: 660-663-3300



**Lewis County Airport Authority Entrance Road  
Monticello, MO**

Howe Company was hired to engineer repairs to and chip seal the entrance road. This project included federal funding.



**Apron & Taxiways**

Howe Company was hired to help the Lewis County Airport Authority with a project to crack seal and seal coat the airport apron and taxiways. This project included federal funding.

Reference: Jesse Rogers  
Phone: 660-216-4801