

MECO OFFERINGS

MASTER AND STRATEGIC PLANNING
STUDIES/REPORTS/COST ESTIMATES
BUDGETING, VALUE ENGINEERING
ENGINEERING DESIGN

- Streets/Roads/Highways
- Intersections
- Related Storm Water

AutoCADD/3D MODELING/MAPPING
PLANS, TECHNICAL SPECIFICATIONS
LAND SURVEY, EASEMENT SERVICES
PERMITTING AND APPROVALS

- DOT/Local/Rail/DNR
- CLIENT/AGENCY COORDINATION

SPECIALIZED STREET & ROAD EXPERIENCE

- Surveys
topographic, route, boundary
- Aerial photography control surveys
- Preparation of right-of-way
and easement documents
- Easement acquisition assistance
private/governmental properties
- Preliminary Engineering Reports
- Cost Estimates
- Streets/Roads/Highway Design
reconstruction, repair,
realignments and widening
- New Construction
asphalt, concrete, brick reconstruction
- Rail Spur Design
per railroad specifications
- Geotechnical/Environmental
Report Evaluations
- Relocation of existing utilities
underground/aerial
- Storm water
curb & gutter, storm water piping,
detention, retention
- Sediment and Erosion Control
- Sidewalk Design
- Street and Utility Mapping
- AutoCADD
- Multi-Agency Coordination
state/federal/local
- Permitting
- Project Management
- Construction Management/Observation
- MoDOT/IDOT Certified Technicians
- MoDOT LPA Certified Project Managers



LOCATIONS

Hannibal, MO

3120 Palmyra Road
Hannibal, MO 63401
P: 573-221-4048
F: 573-221-4377

Pittsfield, IL

1301 E. Washington
Pittsfield, IL 62363 P.O.
Box 106
P: 217-285-2550

Jefferson City, MO

2701 Industrial Drive
Jefferson City, MO 65109
P: 573-893-5558
F: 573-893-5404

Boonville, MO

1424D West Ashley Rd.
Boonville, MO 65233
P: 660-865-6326

Branson, MO

110 West Adams, Suite 101
Branson, MO 65616
P: 417-334-3187



BASIC TRANSPORTATION DESIGN

local streets / minor collectors / sidewalks

CDBG Street Improvements Stover, MO

Preparation of CDBG PER in 2019, followed by design in 2020, and construction completed in 2021. Project included 2" BP1 asphalt overlay with additional repairs and stormwater. This project was completed in a span of 2 years: 1 year to be selected, receive funds, and design, then 1 year for construction.

PER Estimate: \$507,021.90

Construction Cost: \$506,604.49

99.9% accuracy on cost



CDBG Street Improvements Pilot Grove, MO

Preparation of CDBG PER in 2017, followed by funding, design, and construction. Project included 8,781 LF of 2" BP1 asphalt overlay and Chip and Seal. Project was completed within 2 years.

PER Estimate: \$429,760

Construction Cost: \$430,213.89

99.9% accuracy on cost



CDBG Street Improvements Hennewell, MO

MECO prepared a PER to evaluate East Birch Street rehabilitation with Cost Estimates. This was followed by plans, specifications, and front end documents for road improvements as approved by CDBG project #2017-PF-17. Bidding, construction management, and construction observation services were also provided by MECO.



CDBG Street Improvements Otterville, MO

15,605 LF of 4" BP1 overlay with 1" leveling course and 11,052 LF of a slurry seal applied to the existing streets.

PER Estimate: \$926,400

Construction Cost: \$903,905.23

97.5% accuracy on cost



Asphalt Pavement Rehabilitation Windsor, MO

Preparation of CDBG PER for Road Repair and Resurface Application and cost estimate. Streets were inventoried to determine which were in need of repairs and resurfacing. Project included 29,211 LF of 2" BP1 asphalt overlay with additional repairs, including a stormwater infrastructure and sidewalks.

PER Estimate: \$577,207.50

Construction Cost: \$597,442.00

96.6% accuracy on cost

East High Street Reconstruction Jefferson City, MO

Preparation of Preliminary Engineering Report, survey, stormwater calculations, design, production of plans, specifications, contract documents, and engineer's estimate. MECO provided complete construction management and observation services for the East High Street reconstruction, stormwater improvements, and sidewalk project. This is a busy residential and connector street just off of the downtown district in Jefferson City that was subject to extreme flooding conditions during normal to high rain events. Project activities included the construction of a new asphalt driving surface with concrete curb and gutter, and replacement of sidewalks to meet ADA compliance. The installation of new stormwater piping and the new curb and guttering has reduced the incidence of high water throughout this local area.

Final Cost: \$804, 353

Project Manager: Scott E. Vogler, PE

Mid-America Industrial Park Improvements Boonville, MO

Design water and sanitary sewer extension, new lift station, and new concrete roadway with curb and gutter and retaining wall system (to allow for cul-de-sac) to serve Industrial Park expansion. Project activities included topographic survey, utility design, stormwater piping design, production of plans, technical specifications, contract and bid documents, and calculation of cost estimates for the city-bid, city financed project. MECO provided construction observation services.

Evaluation and budgeting:

Each fiscal year prior to budget approval, Mr. Vogler works diligently with Boonville's Public Works Director to evaluate the needs within the city's transportation system, establish budgets and develop a prioritized list of improvements. This information is vital to the development of proper strategies to meet needs and the allocation of sufficient funds in the budget.

Annual Asphalt Overlay Programs ('03-present):

Study and design work required for the annual asphalt overlay programs, including production of plans, specifications, cost estimates, and contract and bidding documents for the city financed work.

Annual Concrete Street Programs ('03-present)

Planning and design services for the city's Annual Concrete Street Program. Projects completed through this program can be financed with funds budgeted through the general fund or with STP funds as available.

Asphalt Repair and Overlay Program STP 1300

(504)

Phase I/Phase II

This project addressed asphalt streets that were in need of general maintenance repair within the city. MECO worked closely with the Public Works Department to determine the locations that required complete removal of pavement and the streets that required only applications of overlay pavement. At the close of the study, the evaluation identified 35 individual streets in need of improvements and design was authorized for the entire project. Phase I of the Overlay Project included the bidding and improvements for twelve streets and Phase II completed the streets selected for improvements.

Riviera Street

Concrete roadway reconstruction of the residential street with 8" PCC pavement, curb and gutter, stormwater piping. \$618,454.50

Locust Street

A primary East-West artery roadway, this concrete roadway replacement project widened the street to 33-feet, installed stormwater piping, concrete curb and gutter/curb inlets, relocated sanitary sewer and waterlines, and repaired or replaced affected retaining walls.

Benson St/Memorial Road Repaving City of Pittsfield, IL

Benson Street:

Project consisted of the application of 113-gallons of Bituminous Material (prime coat), 311-tons of Poly HMA Surface Mix C, N70, 195-tons of Poly Level Binder, IL-4.75, N70, two manholes and three valve boxes were adjusted along the route and 25 LF of curb and gutter was removed and replaced. Final costs for Benson Street rehabilitation: \$117, 895. 56

Memorial Road:

Project consisted of the application of 175-gallons of Bituminous Material (prime coat), 767-tons of Hot-Mix Surface, Mix C, N70, 7,162 Sy Crack Control Treatment (System A), 538.1 SY of 8" CI B patches (Types I, II, III, and IV) and 531-tons of poly level binder. Five manholes required adjustment along the route. Final costs for Memorial Road Rehabilitation Project. \$318,679.47