



St. Louis District

Missouri's Local Program

Missouri's Local Program for Community Development

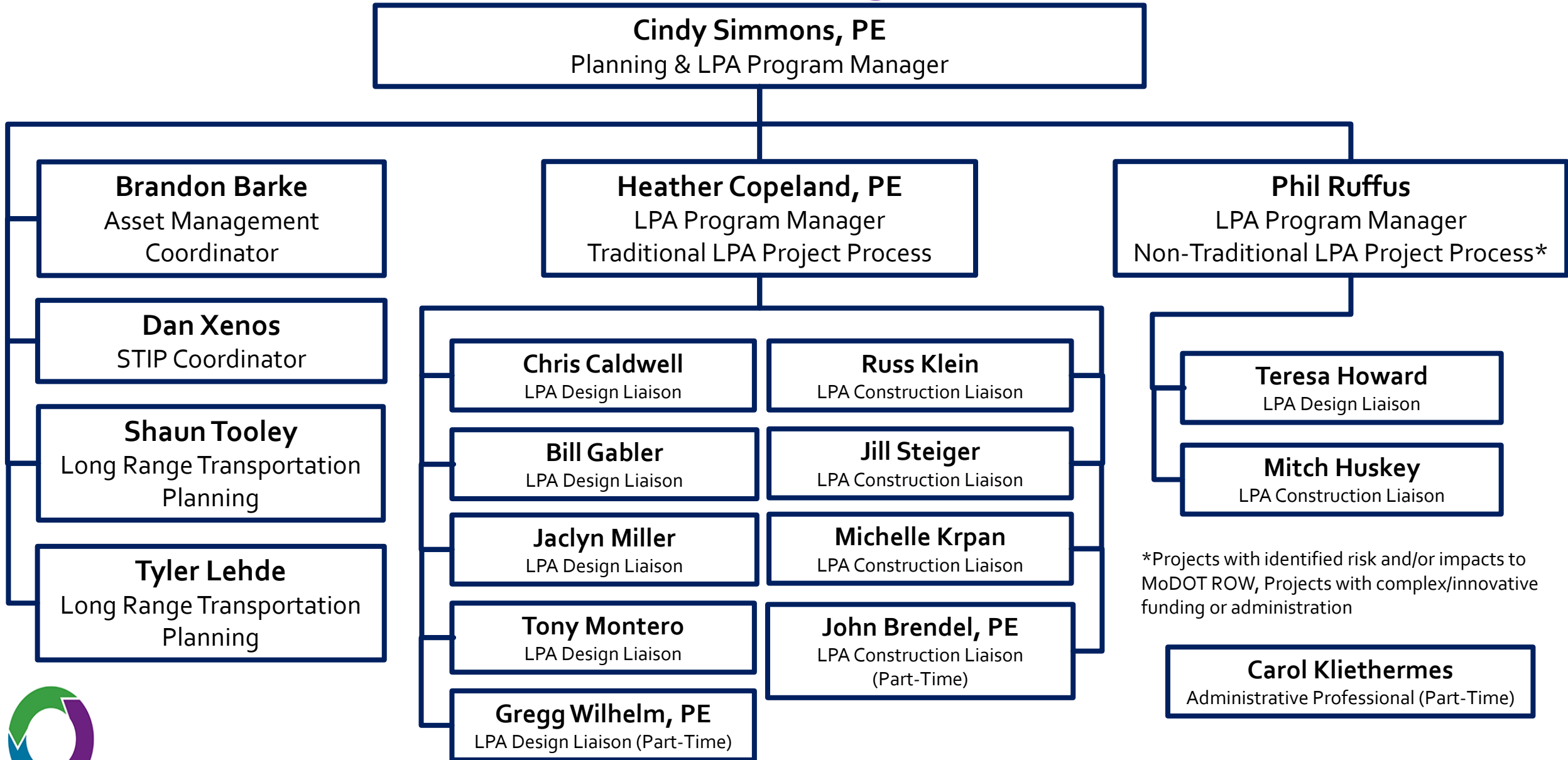
Local Public Agency Workshop

Federal-Aid Design Process Overview

November 2023



St. Louis District Planning and LPA Staff



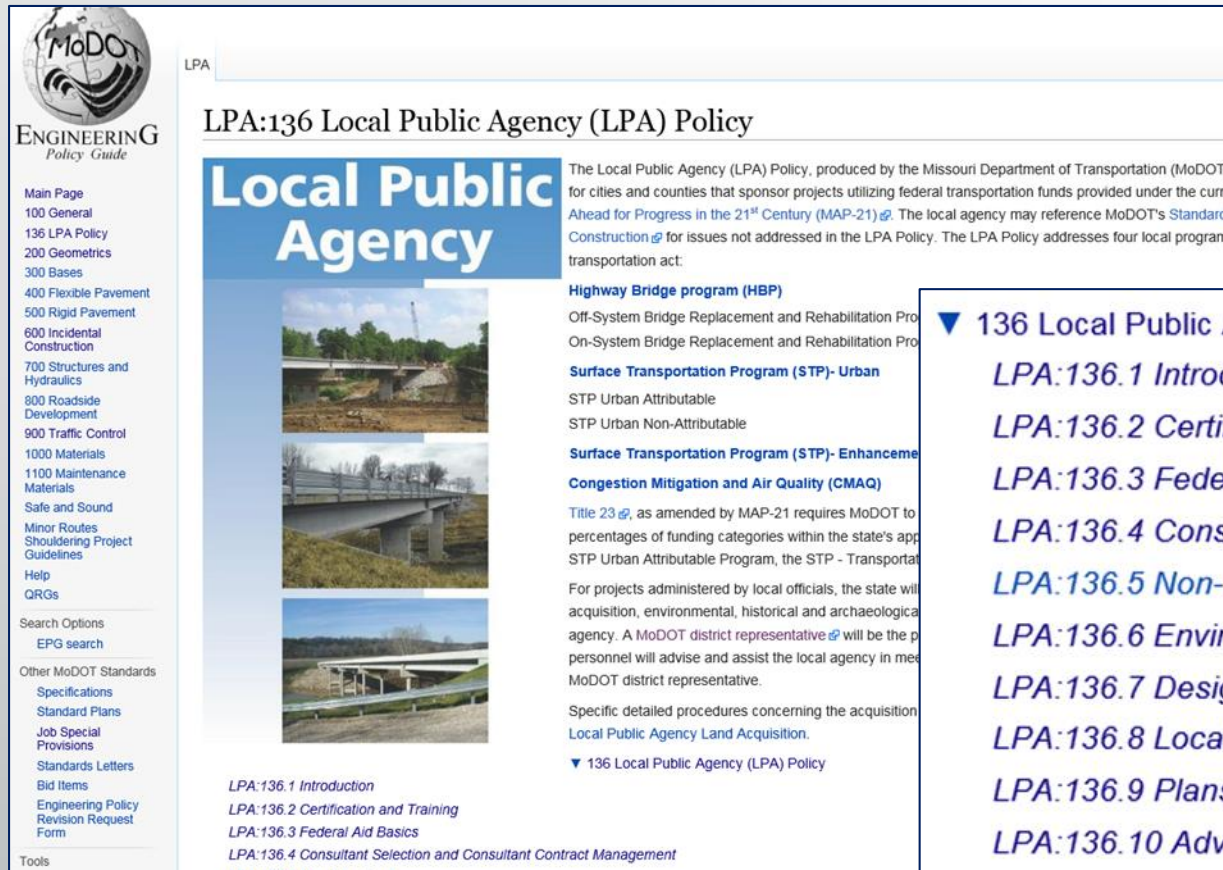
*Projects with identified risk and/or impacts to MoDOT ROW, Projects with complex/innovative funding or administration



Missouri's Local Program

Missouri's Local Program for Community Development

Resource – MoDOT's Engineering Policy Guide, Section 136



MoDOT ENGINEERING Policy Guide

LPA:136 Local Public Agency (LPA) Policy

Local Public Agency

The Local Public Agency (LPA) Policy, produced by the Missouri Department of Transportation (MoDOT) for cities and counties that sponsor projects utilizing federal transportation funds provided under the current [Ahead for Progress in the 21st Century \(MAP-21\)](#). The local agency may reference MoDOT's [Standard Construction](#) for issues not addressed in the LPA Policy. The LPA Policy addresses four local programs transportation act:

- Highway Bridge program (HBP)**
 - Off-System Bridge Replacement and Rehabilitation Program
 - On-System Bridge Replacement and Rehabilitation Program
- Surface Transportation Program (STP)- Urban**
 - STP Urban Attributable
 - STP Urban Non-Attributable
- Surface Transportation Program (STP)- Enhancement**
- Congestion Mitigation and Air Quality (CMAQ)**

Title 23, as amended by MAP-21 requires MoDOT to allocate percentages of funding categories within the state's applicable STP Urban Attributable Program, the STP - Transportation Program, and the CMAQ program. For projects administered by local officials, the state will provide technical assistance, including acquisition, environmental, historical and archaeological assistance. A MoDOT district representative will be the primary point of contact and assist the local agency in meeting the requirements of the LPA Policy. Specific detailed procedures concerning the acquisition of land for transportation projects are contained in the [Local Public Agency Land Acquisition](#).

▼ 136 Local Public Agency (LPA) Policy

- [LPA:136.1 Introduction](#)
- [LPA:136.2 Certification and Training](#)
- [LPA:136.3 Federal Aid Basics](#)
- [LPA:136.4 Consultant Selection and Consultant Contract Management](#)
- [LPA:136.5 Non-Infrastructure](#)
- [LPA:136.6 Environmental and Cultural Requirements](#)
- [LPA:136.7 Design](#)
- [LPA:136.8 Local Public Agency Land Acquisition](#)
- [LPA:136.9 Plans, Specs and Estimates \(PSE\)](#)
- [LPA:136.10 Advertisement for Bid and Project Award](#)
- [LPA:136.11 Local Public Agency Construction](#)
- [LPA:136.12 Figures, Glossary and Other Useful Links](#)
- [LPA:136.13 LPA Policy Changes](#)

▼ 136 Local Public Agency (LPA) Policy

[LPA:136.1 Introduction](#)

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[LPA:136.5 Non-Infrastructure](#)

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[LPA:136.8 Local Public Agency Land Acquisition](#)

[LPA:136.9 Plans, Specs and Estimates \(PSE\)](#)

[LPA:136.10 Advertisement for Bid and Project Award](#)

[LPA:136.11 Local Public Agency Construction](#)

[LPA:136.12 Figures, Glossary and Other Useful Links](#)

[LPA:136.13 LPA Policy Changes](#)

Roles and Responsibilities East-West Gateway

- Serves as regional clearinghouse for federal transportation funds
- Solicits for qualified project applications from LPAs
- Competitively scores applications and presents to Board for inclusion on the TIP
- Approves any change in scope, schedule, or funding
- Enforces Reasonable Progress Policy



Roles and Responsibilities MoDOT

- Provides guidance to LPAs concerning the necessary federal or state requirements
- Acts as liaison between LPAs and FHWA
- Coordinates necessary reviews and approvals
- Prepares and issues program agreements and any supplements
- Requests obligation of federal funds
- Processes reimbursement requests



Roles and Responsibilities Local Public Agency (LPA)

EPG 136.1.2:

- The necessary design, right of way acquisition, environmental, historical and archaeological clearances and approvals, construction and maintenance of improvements will be the responsibility of the LPA.
- The LPA must have a qualified person of responsible charge.

Roles and Responsibilities Local Public Agency (LPA)

- **Implements projects per scope and schedule in approved project application**
- **Follows all federal and state program requirements for design, right of way, and construction phases**
- **Requests change in scope, funding, or schedule from East-West Gateway**
- **Coordinates utility, environmental, railroad, and public involvement**
- **Submits timely reimbursement requests to MoDOT**

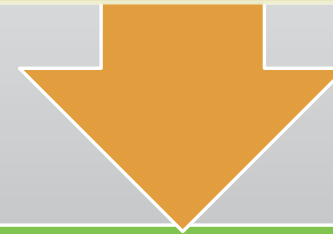
**Person of
Responsible
Charge
EPG Section
136.1.2.1**

Must be full time employee of the LPA

Public employee
or elected
official

Need not be an
engineer

Not the
consultant



Must be currently certified in LPA
Basic Training

**Roles and
Responsibilities
Person of
Responsible
Charge
(continued)**

Accountable for all aspects of the project

Makes decisions related to scope, schedule, and cost

Maintains familiarity of day-to-day operations

Reviews financial processes, transactions, and documentation

Directs project staff (including consultant) to administer project

Signs all project documents

LPA Basic Training

LOCAL PUBLIC AGENCY (LPA)

EXPLORE THIS TOPIC

[Home](#)

[About Us/Contact Us](#)

[Certification & Training](#)

[Contractor & Bidding Information](#)

[LPA Manual](#)

[LPA Funding & Program Information](#)

[Innovations](#)

Training Opportunities

Training Opportunities

LPA Basic Training

[MoDOT U LPA Basic Training Class Link](#)

[Official LPA Basic Training Roster Updated 2/9/20](#)

Live Class Schedule

There are no classes scheduled

[MoDOT LPA Basic Training Frequently Asked Questions](#)

Additional Training Opportunities

- [Federal Aid Essential Videos](#)

- FHWA implemented requirement in 2012
- Required certification for LPA Person of Responsible Charge and consultants
- Online video training
- 4 to 5 hours with a TEST
- Certification valid for 2 years

Project Support by MoDOT

- **Project impacts on MoDOT Right of Way**
- **Requires MoDOT letter of support with application**
- **LPA contacts MoDOT Area Engineer for request**
- **MoDOT performs Risk Assessment/Role Assignment evaluation**
- **MoDOT includes any conditions on letter of support**

Project Programming

- **Project selected for federal funds**
 - **STP, CMAQ, TAP - Letter of award from EWG**
 - **Cost Share, Governor's Cost Share - Award notification from MoDOT**
 - **BUILD, RAISE, etc. – Award notification from FHWA**
- **MoDOT assigns Federal ID Project number**
- **MoDOT prepares Program Agreement**

Program Agreements

- **Legal Contract**
- **Template for each funding type**
 - **Templates change periodically**
- **Enabling ordinance required for cities and counties**
 - **Identifies personnel authorized to sign agreement**
- **Effective December 1, 2020 - ELECTRONIC ONLY**



Engineering Selection Process

EPG Section 136.4

- **LPA In-House Engineering Services**
 - **Obtain MoDOT approval if seeking federal participation**
- **Consultant Engineering Services**
 - **Obtain MoDOT approval if seeking federal participation**
 - **Brooks Act (Federal Law) and Mini-Brooks Act (State Law) require Qualifications Based Selection (QBS)**
 - **QBS applies to ALL projects regardless of funding**

Engineering Selection Process EPG Section 136.4

- **Brooks Act (Federal Law)**
 - Requires agencies to “promote open competition by advertising, ranking, selecting and negotiating contracts based on demonstrated competence and qualifications for the type of engineering and design services being procured, and at a fair and reasonable price”
 - This requirement applies to all projects that utilize Federal Aid funds for engineering
- **Mini-Brooks Act (State Law)**
 - Requires same as federal legislation
 - This requirement applies to ALL projects in Missouri regardless if federal funds are utilized or not

Engineering Selection Process - Conflict of Interest

If Consultant prepared project application

- Fairly paid -> Eligible for consideration
- Not fairly paid -> Not eligible for consideration

If Consultant prepared or assisted with Request for Qualifications (RFQ)

- Regardless of payment -> Not eligible for consideration

If Consultant is under contract as city engineer

- Regardless of payment -> Not eligible for consideration

Engineering Selection Process Solicitation to Contract Submittal

Step 1 – Scope of Services

- Determined by LPA based on project application
- Covers all necessary work items for the project
- Sample scope found in Fig. 136.4.7

RFQ Sample Scope of Services

Hazardous Waste Inspections

Inspect project prior to bid advertisement for asbestos and lead paint. The accompanying hazardous waste reports **MUST** be in the bid proposal. See [EPG 136.6.4.10](#) for further information on Hazardous Waste.

Sidewalks

The engineering responsibilities may include but are not limited to:
The preparation of Conceptual plans, Preliminary plans, Contract plans, Right of Way

Engineering Selection Process Solicitation to Contract Submittal

Step 2 – Creating the RFQ

- Recommended to use template, Fig. 136.4.7
- Any deviation requires pre-approval from MoDOT, even if prior projects used a variance

NOTE: Each RFQ must be submitted to MoDOT and reviewed for a DBE Goal prior to advertisement.

Engineering Selection Process Solicitation to Contract Submittal

Disadvantaged Business Enterprise Program(DBE)

- Use MoDOT form
- Goal established by MoDOT External Civil Rights Division

Estimated Breakdown of Work on Engineering Consultant Contracts

Project sponsors: In order for MoDOT to set an appropriate DBE goal for your Engineering Contract, please provide the estimated percentage (%) of work that will be included in the total engineering contract for each of the work categories shown below:

Federal Project # _____ Project Name _____

Brief Project Description _____

Estimated Engineering Contract Amount (PE Cost + CE Cost) \$ _____

_____ %	Section 106 Historic Documentation / Application
_____ %	Threatened and Endangered Species Documentation
_____ %	Other Environmental / NEPA Documentation
_____ %	Job Special Provisions
_____ %	Construction Estimate
_____ %	Pavement Borings and Design
_____ %	Utility Coordination

Engineering Selection Process Solicitation to Contract Submittal

Step 3 – Advertising the RFQ Solicitation

- **Standard Solicitation - Must be advertised at least 14 days**
- **On-Call Consultant Selection**
 - **Option for contracts under \$100,000 (PE and/or CE)**
 - **Pre-qualified consultants for on-call categories**
 - **Consider at least 3 consultants**
 - **Qualifications based selection**
 - **DBE requirements still apply**

Engineering Selection Process Solicitation to Contract Submittal

Step 4 – Response to the RFQ

- Only pre-qualified consultants may be considered



Engineering Selection Process Solicitation to Contract Submittal

Step 5 – Selection of Consultant

- **LPA must rate at least 3 consultants**
- **Utilize scoring categories noted in RFQ**
- **Scoring sheets will be submitted to MoDOT**
- **Selection based on qualifications, not price**

Engineering Selection Process Solicitation to Contract Submittal

Step 6 – Contract Negotiations

- **Consultant selected/notified -> Price negotiated**
- **Fixed fee is consultant profit, max is 15%**
- **Actual cost contract based on actual wages and overhead**
- **Subconsultants must be listed with supporting documentation**
- **No price shopping allowed**

Engineering Selection Process Solicitation to Contract Submittal

Step 7 – Consultant Contract Submittal

- Required to use template, Fig. 136.4.1**
- Any deviation requires pre-approval from MoDOT**
- No work shall begin until the PE funds have been obligated by FHWA, and MoDOT has given the LPA notice to proceed. Any costs incurred prior to PE obligation will not be reimbursable.**

Engineering Services Contract Management

Supplemental Agreements

- **Notify MoDOT of need**
- **MoDOT reviews for scope advertised in RFQ**
- **MoDOT issues verbal notice to proceed**
- **Reimbursement requests submitted after FHWA obligates additional funds, if applicable**
- **Original DBE goal applies to additional work**

Engineering Services Contract Management

Invoicing and Reimbursement Requests

- LPA submits **REGULARLY** for reimbursement
- Actual costs incurred
- Use invoice form, Fig. 136.4.10
- Include DBE totals
 - ECR approves DBE as part of project close-out



Note: Reimbursement Requests

- **Forward reimbursement requests for Design (Preliminary Engineering (PE) and Right of Way) to your LPA Design Liaison**
- **Forward reimbursement requests for Construction (Construction Engineering (CE) and Construction) to your LPA Construction Liaison**

Please do not send invoices to Carol Kliethermes

Cost Summaries

SUMMARY OF ESTIMATED COST

Job No.

Consultant:

NBI Number:

DBE Number: 0

MPO: EWG

Oblig Reason: PE AUTHORIZATION

Project Description: REALIGN INTERSECTION, LEFT TURN LANE ON SECKMAN RD AT MASTONDON STATE PARK

Exempt

Contractor:

Program Type: Surface Transportation Program - GT
200K

Std Place Code:

PER Agreement: 80% NTE \$710,500

FEDERAL I.D. NO.: STP 7202604

Date Submitted: 04/15/2020

PE Auth: 04/17/2020

Const. Auth:

Other Auth.:

106/4ft:

County: JEFFERSON

TIP No: 6913E-20

Date Approved: 04/17/2020

ROW Auth:

Bid Award:

NEPA:

ROW Clearance:

End Date: 09/30/2023

<u>Proposed Work</u>	<u>Total Cost</u>	<u>Imp. Type</u>	<u>Z230(80%)</u>	<u>LOCAL FUNDS</u>
PE	129,445.00	15	103,556.00 (80.00%)	25,889.00
TOTAL FOR AGREEMENT	129,445.00		103,556.00	25,889.00
TOTAL FEDERAL: 103,556.00				

Cost Summaries

FROM PROGRAM AGREEMENT

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FROM PROGRAM AGREEMENT

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**FEDERAL FUNDS OBLIGATED FOR PHASE
(REIMBURSEMENT RATE)**

DATE FUNDS EXPIRE

Environmental and Cultural Requirements, EPG Section 136.6

- National Environmental Policy Act (NEPA) compliance is required on all federal aid projects
- Compliance is responsibility of the LPA
- MoDOT assists, reviews, and submits to FHWA



Environmental and Cultural Requirements, EPG Section 136.6

LPA:136.6 Environmental and Cultural Requirements

Contents [\[hide\]](#)

- 136.6.1 Introduction
- 136.6.2 National Environmental Policy Act (NEPA) Classification
- 136.6.3 Categorical Exclusion (CE)
- 136.6.4 Beyond NEPA—Complying with Other Federal and State Environmental Laws and Regulations
 - 136.6.4.1 Section 106 (Cultural Resource) Compliance
 - 136.6.4.1.1 Step 1, Determine Need for Cultural Resource Investigations
 - 136.6.4.1.2 Step 2, Cultural Resource Investigations
 - 136.6.4.1.3 Step 3, Preparation of the Memorandum of Agreement
 - 136.6.4.1.4 Step 4, Mitigation of Adverse Effect
 - 136.6.4.2 Section 4(f) of the U.S. Department of Transportation Act of 1966 and Section 6(f) of the Land and Water Conservation Fund Act (LWCFA) Properties
 - 136.6.4.2.1 Section 4(f) for Historic Properties
 - 136.6.4.2.2 Section 4(f) for Public Lands
 - 136.6.4.2.3 *De Minimus* Determination
 - 136.6.4.2.4 Programmatic Section 4(f)

Figures

- [Fig. 136.6.1, Project Review Process flowchart](#)
- [Fig. 136.6.2, Key Environmental/Cultural Resources Compliance Milestones](#)
- [Fig. 136.6.3, Environmental/Cultural Resources Compliance Checklist](#)
- [LPA Request for Environmental Review !\[\]\(8c4dca64662d21542001ca0ed7eeb688_img.jpg\)](#)
- [Fig. 136.6.4, How to Complete the Request for Environmental Review](#)
- [Fig. 136.6.5, Instructions for Preparing Categorical Exclusion Determination](#)
- [Fig. 136.6.6, Generalized flowchart of the Section 106 Process for Local Public Agencies](#)
- [Fig. 136.6.7, Memorandum of Agreement for Mitigation of Adverse Effects](#)

Environmental and Cultural Requirements, EPG Section 136.6

Basic NEPA classifications

- **Categorical Exclusion (CE) – No significant environmental impacts, most common**
- **Environmental Assessment (EA) – May or may not have significant impacts**
- **Environmental Impact Statement (EIS) – Known to have significant impacts**

Environmental and Cultural Requirements, EPG Section 136.6

- **Programmatic CE (PCE)**
 - **By agreement MoDOT is allowed to automatically classify specific projects based on certain thresholds**
- **Non-Programmatic CE (CE2)**
 - **If thresholds are exceeded, MoDOT will advise LPA to complete CE2 form**
 - **CE2 must be approved by FHWA**

Design

EPG Section 136.7

- **LPA must determine and document the appropriate design criteria required**
- **All work on National Highway System (NHS) must use AASHTO Standards**
- **All work on non-NHS routes must use approved state or local standards**
- **MoDOT's EPG complies with AASHTO Standards**

Design

EPG Section 136.7

Design Feature	Design Criteria
Bicycle Facilities and Shared Use Paths	AASHTO Bicycle Guide
Pedestrian Facilities and Sidewalks	PROWAG
Roadside Safety Hardware	AASHTO Roadside Design Guide
Traffic Control Devices and Temporary Traffic Control	MUTCD
Resurfacing, Restoration, and Rehabilitation Rehabilitation (RRR)	Criteria which preserve or extend the the service life and enhance safety

Preliminary Design EPG Section 136.7

- **Prepare Preliminary Plans in accordance with:**
 - **Scope in TIP application**
 - **Applicable design guidelines**
- **Preliminary Plan submittal required for all projects**
 - **No MoDOT ROW impacts -> Review by MoDOT LPA staff**
 - **MoDOT ROW impacts -> Review extended to MoDOT Area Team staff**

Preliminary Design

EPG Section 136.7

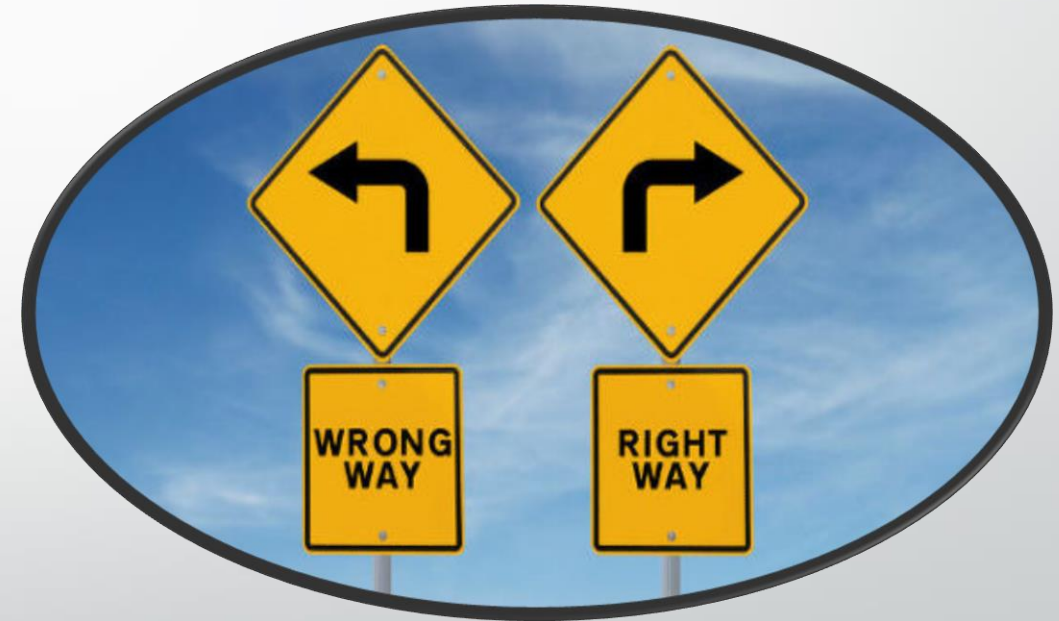
- **MoDOT review includes:**

- ✓ **Scope**
- ✓ **Eligibility**
- ✓ **Design Criteria and Standards**
- ✓ **Efficient Use of Public Funds**
- ✓ **Utility Impacts**
- ✓ **Right of Way Impacts**
- ✓ **Environmental Impacts**
- ✓ **Bike/Pedestrian Impacts**
- ✓ **Impacts to MoDOT ROW**

Then MoDOT issues approval of Preliminary Plans

Land Acquisition/Right of Way EPG Section 136.8

All projects with federal funding must comply with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Uniform Act)



Land Acquisition/Right of Way EPG Section 136.8

- **Right of Way process includes:**
 - **New permanent Right of Way**
 - **Easements – Permanent or Temporary**
 - **Change in Property Access – Driveway relocation, Number of driveway change, Change in driveway width, Access restrictions**
 - **Donation of property or easement for project duration**

Land Acquisition/Right of Way EPG Section 136.8

- **Submit ROW plans even if no federal funds are used for ROW phase.**
- **Land Acquisition may begin after:**
 - **NEPA Classification is complete**
 - **MoDOT issues ROW approval**
 - **Federal Funds -> Acquisition date issued (A-Date)**
 - **No Federal Funds -> Notice to Proceed issued**

Land Acquisition/Right of Way EPG Section 136.8

Right of Way Clearance Certification

- **If ROW acquisition was necessary for the project:**
 - **LPA submits Clearance Certification Statement**
 - **MoDOT reviews and concurs**
- **If realty rights were acquired 5+ years prior to federal fund request:**
 - **LPA submits “Five-Year Rule” statement**

Railroads



- **Railway company must be contacted if project impacts RR right of way**
- **LPA submits written approval of final plans from railway company**
- **If no RR impacts, LPA submits “No Railroad Impacts” statement**
- **RR Resources: EPG 136.9, EPG 643.4, Fed-Aid Essential Videos**

Utility Coordination

LPA must inform utilities and identify conflicts

- **Utility Scoping Checklist, Fig. 136.7.8**
 - Preliminary Plans stage
 - No Preliminary Plans approval until utility companies are contacted
- **Utility Status Letter, Fig. 136.9.6**
 - Final Plans stage
 - Coordination must be cleared prior to construction obligation

Utility Coordination

If LPA is seeking Federal Participation:

- **NEPA must be approved**
- **LPA to submit request to MoDOT**
 - **LPA-owned utility -> Submit estimate**
 - **Not LPA-owned utility -> Submit agreement from utility company**
- **No work may begin until approved by MoDOT**
- **Buy America policy applies**

Proprietary Items

- **Must list minimum of 3 competing products**
- **Must include statement “or equal” in specification**
- **Must include an “alternative product approval process” in specification**
- **If less than 3 products, LPA must submit Public Interest Finding (PIF) for MoDOT approval**

Plans, Specifications, and Estimates

EPG Section 136.9

- **LPA must submit complete PSE package**
- **PSE must be approved by MoDOT**
 - **No MoDOT ROW impacts -> Review by MoDOT LPA staff**
 - **MoDOT ROW impacts -> Review extended to MoDOT Area Team staff**

Plans, Specifications, and Estimates

EPG Section 136.9

- **MoDOT review includes:**

- ✓ **Scope**
- ✓ **Eligibility**
- ✓ **ADA Compliance**
- ✓ **TIP Programming**
- ✓ **Proprietary Items**
- ✓ **DBE Eligible Work**
- ✓ **Job Special Provisions**
- ✓ **Utility Status**
- ✓ **Right of Way Clearance**
- ✓ **Environmental Clearance**
- ✓ **Impacts to MoDOT ROW**
- ✓ **Bid Proposal**
- ✓ **Construction Engineering**

Plans, Specifications, and Estimates Checklist, Fig. 136.9.1

MISSOURI DEPARTMENT OF TRANSPORTATION										
Local Public Agency (LPA) Final PS&E Submittal Checklist (revised 6/21/19)										
Project Name:								Date Received:		
Project Sponsor:										
Federal Project #:										
Line No.	Item	Topic	Reference	LPA Responsibility	LPA Initial	Location within submittal (i.e. page number) <i>to be filled out by LPA or Consultant</i>	MoDOT District Staff Responsibility	MoDOT District Initial	In Fig. 136.9.3 Bid Proposal Boilerplate?	
Certification										
1	Certification	Certification	EPG 136.9.2.11 EPG 136.7.3	LPA to fill out and submit the LPA certification of PS&E Form (Fig 136.9.5) to certify that the PS&E meets all federal and state laws.			MoDOT - District - review for required items.		NO	
Required Submittals (if applicable for the project)										
2	Supporting documentation to proposal	Section 106 Clearance	EPG 136.9.2.1 EPG 136.6	Section 106 - SHPO Clearance, if applicable.			MoDOT - District - review for required items.		NO	
3	Proposal/Supporting Documentation	Section 404 Permits	EPG 136.9.2.1 EPG 136.6	404 COE Permit/401 Water Quality (if applicable) ** This should be included in the proposal.			MoDOT - District - review for required items.		NO	
4	Supporting documentation to proposal	USF&W/T&E	EPG 136.9.2.1 EPG 136.6	United States Fish & Wildlife (USF&W) Threatened & Endangered Species (T&E) Clearance, if applicable.			MoDOT - District - review for required items.		NO	
5	Supporting documentation to proposal	MDC Heritage Review	EPG 136.9.2.1 EPG 136.6	Missouri Department of Conservation (MDC) Heritage Review, if applicable.			MoDOT - District - review for required items.		NO	

Must be reviewed and signed by
LPA Person of Responsible Charge

Federal Project Bid Proposal Boilerplate

Fig. 136.9.3

Effective January 1, 2020

- All projects in the St. Louis District must use standard boilerplate.
- No modified local boilerplate versions except where allowed (highlighted) in the document.

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REVISED 7-8-2020

<Drafter's Note: There are two cover sheet options. One for the Bid, and the other for the completed contract. Pick the applicable cover sheet and delete the other along with this note

Highlighted areas within this boilerplate represent language that must be updated or may need to be modified to reflect the Local Public Agencies contracting practices. >

<Federal Project #>

<Sponsor Name>

<Sponsor Address>

REQUEST FOR BID

BID OF

<MoDOT Vendor Number (if required) >

Bidder Name _____

Bidder Address _____

FOR
CONSTRUCTING OR IMPROVING

Specifications

EPG Section 136.9

- **Bid Proposal must clearly indicate which standard specifications and standard plans apply**
- **All Job Special Provisions must be included**
 - **MoDOT ROW impacts -> Include JSP for Permitting Process**
 - **Permit for work on MoDOT ROW**
 - **Lane Closure Request Form**

Engineer's Estimate EPG Section 136.7.4

- **Shall include pay item quantities, unit prices, and extended totals**
- **Shall include pay item subtotals for categories:**
 - **Roadway**
 - **Bridge**
 - **Signing/Striping/Signals**
 - **Landscaping/Streetscaping**
 - **Bicycle/Pedestrian Facilities**
 - **Utilities (if fed participating)**
 - **Construction Engineering**
 - **Non-participating Work**

Construction Engineering (CE)

- LPA must note intent of federal participation for CE with PSE submittal
- MoDOT must request obligation of CE with PSE
 - MoDOT cannot add CE to a project after Construction Authorization has been approved by FHWA. If not added at Construction Authorization, CE must be funded by all local funds.
- CE Consultant – If not part of PE contract, start solicitation process early to avoid construction obligation and authorization delays.



Construction Authorization (Authority to Advertise for Bids)

- **MoDOT will issue PSE approval pending:**
 - **DBE goal – Issued by MoDOT ECR**
 - **Bid Opening Date – Determined by LPA**
 - **Federal and State Wage Rates**
 - **Other – Minor revisions, Pending agreements**
- **MoDOT will issue “Authority to Advertise” after:**
 - **FHWA authorizes Construction/CE funds**
 - **LPA submits FINAL As-Bid Documents – Conditions resolved**

Advertisement for Bid and Project Award, EPG Section 136.10

- **LPA prepares and posts advertisement for bids**
 - **LPA must submit “Notice to Contractors” ad for Posting on MoDOT’s website**
 - **LPA must advertise in local newspaper**
 - **Project must be advertised 21+ days**
 - **Longer advertisement period for complex projects, projects on MoDOT ROW, or if pre-bid conference will be held**
 - **LPA must ensure all contractor questions are answered**
 - **LPA must provide all addenda to MoDOT for posting**

Advertisement for Bid and Project Award, EPG Section 136.10

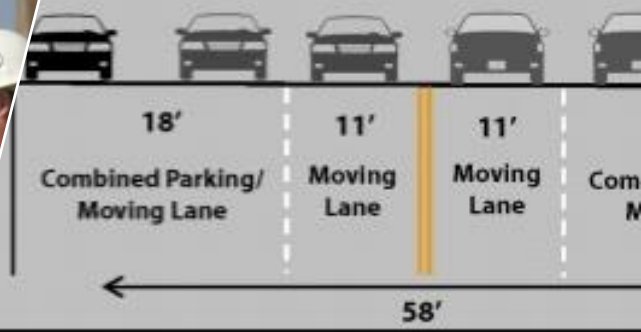
- LPA must publicly open bids
- LPA must award to Lowest, Responsive, Responsible bidder that is pre-qualified by MoDOT
- LPA submits request for concurrence in award (or rejection) to MoDOT at LPASubmit@modot.mo.gov
- MoDOT issues Concurrence in Award



Start Construction



EXISTING



PROPOSED



WEIGHT
LIMIT
8
11
13