

# Application Guidelines for Pass-Through Financing of Highway Projects



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# **Application Guidelines for Pass-Through Financing of Highway Projects**

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# Application Guidelines for Pass-Through Financing of Highway Projects

## Introduction

The Pass-Through Financing program was established as a means to benefit local areas by accelerating improvements in mobility and safety on the state highway system. Texas Transportation Code, §222.104(b) (See Appendix A), authorizes the Texas Department of Transportation (Department or TxDOT) to enter into an agreement with a public or private entity for the payment of pass-through tolls as reimbursement for costs associated with the design, development, financing, construction, maintenance or operation of a toll or non-toll facility on the state highway system. The pass-through toll is a dollar amount that is tied to a measure of actual usage of a highway and is used as a means of calculating the reimbursement.

The schedule of pass-through reimbursements is based on TxDOT's traffic projections for the highway and the number and frequency of payments are negotiated between the Department and the public or private entity. The amount of the total reimbursement is also based on the Department's estimated total cost to construct the facility.

Unless otherwise authorized by the Texas Transportation Commission (Commission) and incorporated in the pass-through financing agreement, the Department's liability under a pass-through agreement is not increased nor decreased by cost overruns or underruns. Projects must be on the state highway system to be eligible to be developed under a pass-through financing agreement.

Texas Administrative Code §5.51-5.59 (See Appendix B) prescribes the rules governing the implementation of Transportation Code, §222.104(b). These rules describe the responsibilities of the applicant to ensure that all projects are developed in accordance with applicable federal and state laws and design criteria.

### What is Pass-Through Financing?

A per vehicle fee or a per vehicle-mile fee that is determined by the number of vehicles using a toll or non-toll facility on the state highway system, that will be paid to the entity that financed the construction of the facility.

## Submitting Pass-Through Financing Proposals

The applicant initiates the process by meeting with the local TxDOT District Office to discuss the proposal. A map of TxDOT districts can be found in Appendix D. The district will advise the applicant on the requirements for a complete application. The applicant and the District Office also work together to fine tune the scope of work necessary for the project. When the application is complete, the applicant submits ten (10) copies of the pass-through financing project proposal, in the format shown in Appendix C, to the TxDOT District Office where the proposed project will be located. If possible, also submit an electronic copy of the application in Adobe PDF format. The district staff reviews project cost estimates and other information provided and prepares a detailed, independent estimate for the cost of each phase of project development. The District Office forwards the applicant's complete application and the district's

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independent estimate to the Design Division. The Design Division will coordinate the review of the application with various department divisions such as Environmental Affairs, Right-of-Way, Finance, Texas Turnpike Authority, Transportation Planning and Programming, and the Office of General Counsel, as applicable. The applicant may be asked to provide additional information throughout the TxDOT review process. A summary of the proposal is presented to the Commission who may then authorize, by minute order, the Executive Director, or the Executive Director's designee, to negotiate an agreement with the public or private entity. Proposals received from private entities will be subject to requests for competing proposals before the department can negotiate a pass-through financing agreement. The Executive Director, or the Executive Director's designee, will submit a summary of the final terms of the negotiated agreement to the Commission. The Commission may then authorize, by minute order, the Executive Director to execute the agreement on behalf of the Department. A flow chart of this process can be found in Appendix E.

### **Proposal Contents**

The applicant must submit all information shown in Appendix C to the TxDOT District Office where the proposed project will be located. The district staff will work with the applicant to obtain any missing information before the application can be submitted to the Design Division.

### **Negotiating Pass-Through Agreements**

TxDOT may begin negotiations only after the Commission grants approval to negotiate by minute order. In authorizing the Executive Director or his designee to negotiate an agreement with a private or public entity, the Commission must consider the following (in accordance with 43 TAC §5.54):

#### **(A) Eligibility Considerations**

- Financial benefit to the state;
- Local public support for the project;
- Whether the project is in TxDOT's Unified Transportation Program (UTP);
- The extent the project will relieve congestion;
- Potential air quality benefits from the project;
- Extent to which the project enhances safety;
- Potential for the project to expand economic opportunity;
- Project's compatibility with existing/planned facilities;
- Entity's experience in developing highway projects;
- \*\*Qualifications of the proposer to accomplish the work; and
- The financial capability of the applicant to make pass-through payments if the proposal is for development of a project by the department.

*\*\* If proposal is from a private entity*

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If the applicant is a public entity, TxDOT will attempt to negotiate a satisfactory agreement with the entity to provide the best value to the state. If an agreement cannot be negotiated with the public entity, TxDOT will formally end negotiations.

If the Commission approves by minute order the further evaluation of a proposal by a private entity, TxDOT will publish notice of that decision and provide an opportunity for the submission of competing proposals. TxDOT will publish a notice in the Texas Register and in one or more newspapers of general circulation. TxDOT will accept for simultaneous consideration any competing proposal within 45 days of the initial publication of notice in the Texas Register, or such additional time as authorized by a minute order of the Commission. The original proposer may submit a revised proposal in response to the notice. Upon expiration of the 45-day period, or such additional time as authorized by the Commission, TxDOT will evaluate the proposal of the original proposer and any properly submitted competing proposals, utilizing the evaluation criteria set forth in the request for proposals. If an agreement cannot be negotiated with a selected proposer, TxDOT will formally end negotiations with that proposer. TxDOT may reject all proposals or proceed to the next most highly ranked proposal and attempt to negotiate an agreement with that party.

### **Final Pass-Through Financing Approval Process**

Once a tentative agreement has been reached through negotiations, the Executive Director, or the Executive Director's designee will submit to the Commission a summary of the final terms of the pass-through agreement. The Commission may authorize by minute order the Executive Director to execute the agreement if it finds that the proposed agreement is in the best interest of the state and the project:

- Serves the public interest;
- Is compatible with existing and planned transportation facilities; and,
- Furthers state, regional, and local transportation plans, programs, policies, and goals.

### **Execution of the Work**

The parties may execute the pass-through agreement after the Commission approves a minute order authorizing the Executive Director to proceed. Work on the project must not begin before the agreement is executed. The agreement will include details regarding the responsibilities of each party. The applicant must be careful to comply with all terms of the agreement throughout project development. Applicants should refer to the department's Local Government Project Procedures (LGPP) available at [http://www.dot.state.tx.us/services/design/lgpp\\_modules.htm](http://www.dot.state.tx.us/services/design/lgpp_modules.htm) for important information about the roles and responsibilities pertinent to developing a project on the state highway system.

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## **Repayment Process for Pass-Through Projects**

The amount to be reimbursed to the applicant from TxDOT will be through the periodic payment of pass-through tolls, for an overall amount equal to the amount specified in the agreement and approved by the Commission.

- Appendices:**
- A. Transportation Code 222.104(b)**
  - B. Texas Administrative Code 5.51-5.59**
  - C. Pass-Through Financing Proposal Form**
  - D. Map of TxDOT Districts**
  - E. Process Flow Chart**
  - F. Contact Information**

**Appendix A  
Transportation Code 222.104(b)**

§ 222.104. PASS-THROUGH TOLLS. (a) In this section, "pass-through toll" means a per vehicle fee or a per vehicle mile fee that is determined by the number of vehicles using a highway.

(b) The department may enter into an agreement with a public or private entity that provides for the payment of pass-through tolls to the public or private entity as reimbursement for the design, development, financing, construction, maintenance, or operation of a toll or nontoll facility on the state highway system by the public or private entity.

(c) The department may enter into an agreement with a private entity that provides for the payment of pass-through tolls to the department as reimbursement for the department's design, development, financing, construction, maintenance, or operation of a toll or nontoll facility on the state highway system that is financed by the department.

(d) The department and a regional mobility authority, a regional tollway authority, or a county acting under Chapter 284 may enter into an agreement that provides for:

(1) the payment of pass-through tolls to the authority or county as compensation for the payment of all or a portion of the costs of maintaining a state highway or a portion of a state highway transferred to the authority or county after being converted to a toll facility that the department estimates it would have incurred if the highway had not been converted; or

(2) the payment by the authority or county of pass-through tolls to the department as reimbursement for all or a portion of the costs incurred by the department to design, develop, finance, construct, and maintain a state highway or a portion of a state highway transferred to the authority or county after being converted to a toll facility.

(e) The department may use any available funds for the purpose of making a pass-through toll payment under this section.

Text of subsec. (f) as added by Acts 2005, 79th Leg., ch. 281, § 2.18

(f) A regional mobility authority, a regional tollway authority, or a county acting under Chapter 284 is authorized to secure and pay its obligations under an agreement under this section from any lawfully available funds.

Text of subsec. (f) as added by Acts 2005, 79th Leg., ch. 994, §1

(f) To the maximum extent permitted by law, the department may delegate the full responsibility for design, bidding, and construction, including oversight and inspection, to a municipality, county, regional mobility authority, or regional tollway authority with whom the department enters into an agreement under this section.

Text of subsec. (g) as added by Acts 2005, 79th Leg., ch. 281, §2.18

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## *Appendix A*

(g) The commission may adopt rules necessary to implement this section. Rules adopted under this subsection may include criteria for:

(1) determining the amount of pass-through tolls to be paid under this section; and

(2) allocating the risk that traffic volume will be higher or lower than the parties to an agreement under this section anticipated in entering the agreement.

Text of subsec. (g) as added by Acts 2005, 79th Leg., ch. 994, § 1

(g) An agreement under this section must provide that a municipality, county, regional mobility authority, or regional tollway authority is required to meet state design criteria, construction specifications, and contract administration procedures unless the department grants an exception.

Text of subsec. (h) as added by Acts 2005, 79th Leg., ch. 281, § 2.18

(h) Money repaid to the department under this section shall be deposited to the credit of the fund from which the money was originally provided and is exempt from the application of Section 403.095, Government Code.

Text of subsec. (h) as added by Acts 2005, 79th Leg., ch. 994, § 1

(h) An agreement under this section should prescribe the roles and responsibilities of the parties and establish time frames for any department reviews or approvals in a manner that will, to the maximum extent possible, expedite the development of the project.

Text of subsec. (i) as added by Acts 2005, 79th Leg., ch. 281, § 2.18

(i) To the maximum extent permitted by law, the department may delegate the full responsibility for design, bidding, and construction, including oversight and inspection, to a municipality, county, regional mobility authority, or regional tollway authority with which the department enters into an agreement under this section.

Text of subsec. (j) as added by Acts 2005, 79th Leg., ch. 281, § 2.18

(j) An agreement under this section must provide that the municipality, county, regional mobility authority, or regional tollway authority is required to meet state design criteria, construction specifications, and contract administration procedures unless the department grants an exception.

Text of subsec. (k) as added by Acts 2005, 79th Leg., ch. 281, § 2.18

(k) An agreement under this section must prescribe the roles and responsibilities of the parties and establish time frames for any department reviews or approvals in a manner that will, to the maximum extent possible, expedite the development of the project.



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## Appendix A

Added by Acts 2003, 78th Leg., ch. 1325, § 6.01, eff. June 21, 2003. Amended by Acts 2005, 79th Leg., ch. 281, § 2.18, eff. June 14, 2005; Acts 2005, 79th Leg., ch. 994, § 1, eff. June 18, 2005.

§ 222.1045. CONTRACTS OF CERTAIN PUBLIC ENTITIES. (a) In this section, "public entity" means a municipality, county, regional mobility authority, or regional tollway authority.

(b) A public entity may contract with a private entity to act as the public entity's agent in:

(1) the design, financing, maintenance, operation, or construction, including oversight and inspection, of a toll or nontoll facility under Section 222.104(b); or

Text of subd. (b)(2) as added by Acts 2005, 79th Leg., ch. 281, § 2.19

(2) the maintenance of a state highway or a portion of a state highway subject to an agreement under Section 222.104(d)(1).

Text of subd. (b)(2) as added by Acts 2005, 79th Leg., ch. 994, § 2

(2) the maintenance of a state highway or a portion of a state highway converted to a toll facility under Section 222.104(c).

(c) A public entity shall:

(1) select a private entity under Subsection (b) on the basis of the private entity's qualifications and experience; and

(2) enter into a project development agreement with the private entity.

(d) A private entity selected shall comply with Chapter 1001, Occupations Code, and all laws related to procuring engineering services and construction bidding that are applicable to the public entity that selected the private entity.

Text of subsec. (e) as added by Acts 2005, 79th Leg., ch. 281, § 2.19

(e) A public entity may assign the public entity's right to payment of pass-through tolls under Section 222.104(b) or (d)(1) to the private entity.

Text of subsec. (e) as added by Acts 2005, 79th Leg., ch. 994, § 2

(e) A public entity may assign the public entity's right to payment of pass-through tolls under Section 222.104(b) or (c) to the private entity.

Added by Acts 2005, 79th Leg., ch. 281, § 2.19, eff. June 14, 2005; Acts 2005, 79th Leg., ch. 994, § 2, eff. June 18, 2005.

**Appendix B  
Texas Administrative Code 5.51 – 5.59**

**TITLE 43 TRANSPORTATION  
PART 1 TEXAS DEPARTMENT OF TRANSPORTATION  
CHAPTER 5 FINANCE  
SUBCHAPTER E PASS-THROUGH FARES AND TOLLS**

Rules

§5.51 Purpose

§5.52 Definitions

§5.53 Proposal

§5.54 Commission Approval To Negotiate

§5.55 Proposals from Private Entities

§5.56 Final Approval

§5.57 Calculation of Pass-Through Fares and Tolls

§5.58 Project Development by Public or Private Entity

§5.59 Operation

**RULE §5.51 Purpose**

Transportation Code, §222.104(b) authorizes the Texas Department of Transportation to enter into an agreement with a public or private entity that provides for the payment of pass-through tolls to the public or private entity as reimbursement for the design, development, financing, construction, maintenance, or operation of a toll or non-toll facility on the state highway system by the public or private entity. Transportation Code, §222.104(c) authorizes the department to enter into an agreement with a private entity that provides for the payment of pass-through tolls to the department as reimbursement for the department's design, development, financing, construction, maintenance, or operation of a toll or non-toll facility on the state highway system by the public or private entity. Transportation Code, §91.075(b) authorizes the department to enter into an agreement with a public or private entity that provides for the payment of pass-through fares to the public or private entity as reimbursement for the acquisition, design, development, financing, construction, relocation, maintenance, or operation of a passenger railway facility or a freight railway facility by the entity. This subchapter prescribes the policies and procedures governing the department's implementation of these statutory provisions.

**RULE §5.52 Definitions**

The following words and terms, when used in this subchapter, shall have the following meanings, unless the context clearly indicates otherwise.

- (1) Commission--The Texas Transportation Commission.

(2) Department--The Texas Department of Transportation.

(3) Department estimate--An estimate of what it would cost the department to perform the work proposed by the public or private entity, whether the work is proposed to be performed by the department or whether it is proposed to be performed by the public or private entity. The estimate is developed or updated by the department after receipt of a public or private entity's request and prior to the time the department executes an agreement with the public or private entity.

(4) Environmental Permits, Issues, and Commitments (EPIC)--Any permit, issue, coordination, commitment, or mitigation obtained to satisfy social, economic, or environmental impacts of a project, including sole source aquifer coordination, wetland permits, stormwater permits, traffic noise abatement, threatened or endangered species coordination, archeological permits, and any mitigation or other commitment associated with any of those issues.

(5) Executive director--The executive director of the department or the executive director's designee not below district engineer, division director, or office director.

(6) Highway--Includes any facility convenient or necessary to the operation of a highway.

(7) Operation--Includes maintenance.

(8) Pass-through agreement--A pass-through toll agreement or a pass-through agreement entered under the terms of this subchapter by the department and a public or private entity.

(9) Pass-through fare--A dollar amount, including a surcharge or user fee for freight shipments, that is tied to a measure of actual usage of a railway and is used under this subchapter as a means of calculating payments made by one entity to another to provide reimbursement for some or all of the costs of acquiring, designing, developing, financing, constructing, relocating, maintaining, or operating a passenger or freight railway.

(10) Pass-through toll--A dollar amount that is tied to a measure of actual usage of a highway and is used under this subchapter as a means of calculating payments made by one entity to another to provide reimbursement for some or all of the costs of designing, developing, financing, constructing, maintaining, or operating a highway on the state highway system.

(11) Public or private entity--Any entity authorized by law to enter into a pass-through agreement with the department under this subchapter for the acquisition, design, development, financing, construction, relocation, maintenance, or operation of a highway or railway.

(12) Railway--Includes both passenger and freight railways and any facility convenient or necessary to the operation of a railway.

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### **RULE §5.53 Proposal**

(a) A public or private entity may submit in writing to the department a proposal for a project or a series of projects to be developed under a pass-through agreement. The proposal must include:

(1) a project location map showing proposed alignments and description of the project, including the project limits, connections with other transportation facilities, and any services to be provided;

(2) a statement of the benefits anticipated to result from completion of the project;

(3) a description of the local public support for the project and any local public opposition;

(4) a proposed project development and implementation schedule;

(5) a description of the entity's experience in developing highway projects, if the proposer is a public entity and if the proposal is for the development of a highway project by that entity;

(6) a description of the entity's experience in developing railway projects, if the proposer is a public entity and if the proposal is for the development of a railway project by that entity;

(7) complete information concerning the experience, expertise, technical competence, and qualifications of the proposer and of each member of the proposer's management team and of other key employees or consultants, including the name, address, and professional designation of each member of the proposer's management team and of other key employees or consultants, and the capability of the proposer to develop the proposed projects, if the proposer is a private entity and if the proposal is for the development of a project by that entity;

(8) complete information sufficient to show the capability of the proposer to make all projected future payments, if the proposal is for the development of a project by the department;

(9) if available, a proposed pass-through payment schedule;

(10) for a highway project, a statement indicating whether the proposer intends for the project to be tolled and, if the proposer intends for a tolled project to be first opened to traffic as a non-tolled highway, the approximate date on which the highway will begin to be tolled; and

(11) a statement indicating whether the proposer intends to enter into a comprehensive development agreement, if the proposer is a private entity and if the proposal is for the development of a project by that entity.

(b) If requested, and unless prohibited by law, the department will release to the public a proposal submitted under this section.

(c) The private entity and the department may agree to develop a project under a comprehensive development agreement if authorized by other law. For a highway project that is developed by the proposer, notwithstanding any other provision of this subchapter, Chapter 27, Subchapter A, of this title (relating to Comprehensive Development Agreements), applies to the solicitation, advertisement, negotiation, and execution of a comprehensive development agreement. For a railway project that is developed by the proposer, notwithstanding any other provision of this subchapter, Chapter 7, Subchapter B, of this title (relating to Contracts) applies to the solicitation, advertisement negotiation, and execution of a comprehensive development agreement.

### **RULE §5.54 Commission Approval To Negotiate**

The commission may authorize the executive director to negotiate the financial terms of a potential pass-through agreement under this subchapter or, if the proposer is a private entity,

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authorize the department to solicit competitive proposals under §5.55 of this subchapter, after considering:

- (1) financial benefits to the state;
- (2) local public support for the project;
- (3) for a highway project, whether the project is in the department's Unified Transportation Program;
- (4) the extent to which the project will relieve congestion on the state highway system;
- (5) potential benefits to regional air quality that may be derived from the project;
- (6) the compatibility of the proposed project with existing and planned transportation facilities;
- (7) the entity's experience in developing highway projects, if the proposer is a public entity and if the proposal is for the development of a highway project by that entity;
- (8) the entity's experience in developing railway projects, if the proposer is a public entity and if the proposal is for the development of a railway project by that entity;
- (9) the qualifications of the proposer to accomplish the proposed work, if the proposer is a private entity and if the proposal is for the development of a project by that entity; and
- (10) the financial capability of the proposer to make all projected pass-through payments, if the proposal is for the development of a project by the department.

### **RULE §5.55 Proposals from Private Entities**

- (a) If the commission approves the further evaluation of a proposal of a private entity under §5.54 of this subchapter, the department will publish notice of that decision and provide an opportunity for the submission of competing proposals.
- (b) The department will publish a notice in the Texas Register and in one or more newspapers of general circulation. The notice will state that the department has received a proposal under this subchapter, that it intends to evaluate the proposal, that it may negotiate a pass-through agreement with the proposer based on the proposal, and that it will accept for simultaneous consideration any competing proposals that the department receives in accordance with this subchapter within 45 days of the initial publication of the notice in the Texas Register, or such additional time as authorized by the commission. In determining whether to authorize additional time for submission of competing proposals, the commission will consider the complexity of the proposal.

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(c) The notice will summarize the proposed project and identify its proposed location. The notice will also specify the general criteria that will be used to evaluate all proposals and the relative weight given to the criteria. Specific evaluation criteria will be set forth in the request for proposals. The criteria will, at a minimum, include:

- (1) the factors listed in §5.54 of this subchapter, to the extent applicable;
- (2) the proposer's qualifications, technical competence, and financial capability; and
- (3) an analysis of the proposer's project implementation schedule.

(d) A proposal submitted in response to a notice must contain the information required by §5.53 of this subchapter.

(e) The original proposer may submit a revised proposal in response to a notice.

(f) Upon expiration of the 45-day period, or such additional time as authorized by the commission, the department will evaluate the proposal of the original proposer and any properly submitted competing proposals, utilizing the evaluation criteria set forth in the request for proposals.

(g) The department will rank all proposals after the evaluation described in subsection (f) of this section, and may select the private entity whose proposal provides the best value to the department. The department will attempt to negotiate a pass-through agreement with that proposer.

(h) If an agreement satisfactory to the department cannot be negotiated with the proposer, the department will formally end negotiations with that proposer. The department may reject all proposals or proceed to the next most highly ranked proposal and attempt to negotiate an agreement with that party.

### **RULE §5.56 Final Approval**

(a) Authorization to negotiate final agreement. The executive director will submit to the commission a summary of the final financial terms of a proposed pass-through agreement. The final financial terms may consist of specific payment terms and schedules or may consist of a range of acceptable parameters. The commission may authorize the executive director to negotiate and execute a final agreement only if it finds that:

- (1) the project serves the public interest and not merely a private interest;
- (2) the proposed pass-through agreement is in the best interest of the state;
- (3) the project is compatible with existing and planned transportation facilities; and

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(4) the project furthers state, regional, and local transportation plans, programs, policies, and goals.

(b) Contents of pass-through agreement. Before any work is done for which reimbursement will be requested through a pass-through toll or fare, the department and the public or private entity shall execute a pass-through agreement containing, at a minimum, the following:

(1) identification of the scope and nature of the work to be performed;

(2) all financial terms, as applicable, including the levels of pass-through tolls or fares, maximum and minimum periodic payments, and maximum and minimum total payments;

(3) allocation of responsibility for all significant work to be performed, including environmental documentation, right of way acquisition, utility adjustments, engineering, construction, and maintenance;

(4) provision for the collection and use of toll or other revenues, if applicable;

(5) all provisions required by state or federal law;

(6) a map showing the location of the project;

(7) a proposed project schedule;

(8) an estimated budget;

(9) procedures and timelines for the submission of materials and for approvals; and

(10) for a local government, a copy of the resolution or ordinance authorizing execution of the agreement.

### **RULE §5.57 Calculation of Pass-Through Fares and Tolls**

(a) Pass-through fares.

(1) Amount to be reimbursed.

(A) General. The commission shall establish the level of pass-through fares or shall establish parameters within which the department may negotiate the level of pass-through fares. In establishing the level of pass-through fares or parameters within which the department may negotiate the level of pass-through fares, the commission shall consider whether:

(i) the project's estimated benefits to mobility warrant a pass-through fare at a level that is more or less than the department's estimate of project costs;

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(ii) the project will result in a significant economic gain or loss to the entity responsible for its development;

(iii) the public or private entity proposes to share in the cost of the project; and

(iv) the state or the public or private entity will benefit, and to what extent, if the project is built sooner than would be the case in the absence of a pass-through agreement.

(B) Limits on pass-through fare levels.

(i) The commission will not approve payment by the department of a level of pass-through fares that exceeds the department's estimate, except as permitted by this subparagraph. The commission may approve the department's payment of a level of pass-through fares that exceeds the department's current estimate, but only by the difference between the department's current estimate and the department's estimate for the time when the project would likely have been completed in the absence of a pass-through agreement.

(ii) In determining the level of pass-through fares, the commission will not consider any financing cost incurred by the public or private entity.

(2) Payment schedule and method.

(A) Payment schedule. The schedule of pass-through fare payments will be calculated based on the department's traffic projections for the railway and a number and frequency of payments to be negotiated between the department and the public or private entity. The payment schedule may include a maximum and a minimum periodic amount to be paid annually or in total.

(B) Variable payments. The pass-through fare may vary on any basis that reasonably reflects the value of improvements, the nature of the railway traffic, or benefits to the highway system, including:

(i) number, type, and class of passengers;

(ii) type of freight;

(iii) tonnage of freight;

(iv) number or type of cars;

(v) mileage traveled; or

(vi) characteristics of track.

(3) Allocation of risk.



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(A) Cost overruns and underruns. Unless otherwise authorized by the commission and incorporated in a pass-through agreement by the department, the department's liability under a pass-through agreement shall be neither increased nor decreased by cost overruns or underruns. Pass-through fare payments by the department shall not be increased if there is a cost overrun or decreased if there is a cost underrun unless an adjustment is specifically authorized by the commission and incorporated in a pass-through agreement by the department.

(B) Traffic volume. If traffic volume exceeds or falls below expectations, the pass-through fare will not be adjusted. Payments shall not exceed the maximum annual amount specified in the pass-through agreement and shall not be below the minimum annual amount specified in the pass-through agreement. The pass-through agreement shall provide that if required, payments shall continue until the total of all payments equals the total pass-through fare amount specified by the commission in approving the pass-through fare.

(b) Pass-through tolls.

(1) Level of pass-through tolls.

(A) General. The commission shall establish the level of pass-through tolls or shall establish parameters within which the department may negotiate the level of pass-through tolls. In establishing the level of pass-through tolls or parameters within which the department may negotiate the level of pass-through tolls, the commission shall consider whether:

(i) the project's estimated benefits to mobility warrant a pass-through toll at a level that is more or less than the department's estimate of project costs;

(ii) the project will result in a significant economic gain or loss to the entity responsible for its development;

(iii) the public or private entity proposes to share in the cost of the project; and

(iv) the state or the public or private entity will benefit, and to what extent, if the project is built sooner than would be the case in the absence of a pass-through agreement.

(B) Limits on pass-through toll levels.

(i) The commission will not approve payment by the department of a level of pass-through tolls that exceeds the department's estimate, except as permitted by this subparagraph. The commission may approve the department's payment of a level of pass-through tolls that exceeds the department's current estimate, but only by the difference between the department's current estimate and the department's estimate for the time when the project would likely have been completed in the absence of a pass-through agreement.

(ii) In determining the level of pass-through tolls, the commission will not consider any financing cost incurred by the public or private entity.

(2) Payment schedule and method.

(A) Payment schedule. The schedule of pass-through toll payments will be calculated based on the department's traffic projections for the highway and a number and frequency of payments to be negotiated between the department and the public or private entity. The payment schedule may include a maximum and a minimum annual amount to be paid periodically or in total.

(B) Variable payments. The pass-through toll may vary on any basis that reasonably reflects the value of improvements, the nature of the highway, or benefits to other aspects of the highway system, including:

- (i) the number of vehicles using the highway;
- (ii) the number of vehicle-miles traveled on the highway;
- (iii) the condition of the highway; and
- (iv) whether the highway is tolled.

(3) Allocation of risk.

(A) Cost overruns and underruns. Unless otherwise authorized by the commission and incorporated in a pass-through agreement by the department, the department's liability under a pass-through agreement shall be neither increased nor decreased by cost overruns or underruns.

(i) Projects developed by the public or private entity. If the project is being developed by the public or private entity, the pass-through toll payments by the department shall not be increased if there is a cost overrun or decreased if there is a cost underrun unless an adjustment is specifically authorized by the commission and incorporated in a pass-through agreement by the department.

(ii) Projects developed by the department. If the project is being developed by the department, the pass-through agreement shall provide that the pass-through toll or the maximum amount payable, or both, shall be adjusted to reflect the department's actual costs unless the commission specifically directs that the department shall bear the risk of cost overruns or underruns.

(B) Traffic volume. If traffic volume exceeds or falls below expectations, the pass-through toll will not be adjusted. Payments shall not exceed the maximum annual amount specified in the pass-through agreement and shall not be below the minimum annual amount specified in the pass-through agreement. The pass-through agreement shall provide that if required, payments shall continue until the total of all payments equals the total pass-through toll amount specified by the commission in approving the pass-through toll.

**RULE §5.58 Project Development by Public or Private Entity**

(a) Social and environmental impact.

(1) General. A public or private entity that is responsible for the construction of a project shall conduct the environmental review and public involvement for the project in the manner prescribed by Chapter 2, Subchapter C of this title (relating to Environmental Review and Public Involvement for Transportation Projects). The department may choose to conduct the environmental review and public involvement.

(2) Department approval. The department must approve each environmental review under this section before construction of the project begins.

(b) Right of way and utilities.

(1) Responsibility. This subsection applies when the public or private entity is responsible for the acquisition of right of way or the adjustment of utilities.

(2) Right of way procedures.

(A) Manual requirements. The acquisition of right of way performed by or on behalf of the public or private entity shall comply with the latest version of each of the department's manuals.

(B) Alternative procedures. A public or private entity may request written approval to use a different accepted procedure for a particular item or phase of work. The use of an alternative procedure is subject to the approval of the Federal Highway Administration. The executive director may approve the use of an alternative procedure if the alternative procedure is determined to be sufficient to discharge the department's state and federal responsibilities in acquiring real property.

(3) Utility adjustments. The adjustment, removal, or relocation of utility facilities performed by or on behalf of the public or private entity shall comply with applicable federal and state laws and regulations.

(c) Design and construction.

(1) Responsibility. This subsection applies when the public or private entity is responsible for the design, construction, and, operation, as applicable, of each project it undertakes. This responsibility includes ensuring that all EPIC are addressed in project design and carried out during project construction and operation.

(2) Design criteria.

(A) State criteria. All designs developed by or on behalf of the public or private entity shall comply with the latest version of the department's manuals.

(i) Highway projects. Each highway project shall, at a minimum, comply with the:

(I) Roadway Design Manual;

(II) Pavement Design Manual;

(III) Hydraulic Design Manual;

(IV) Texas Manual on Uniform Traffic Control Devices;

(V) Bridge Design Manual; and

(VI) Texas Accessibility Standards.

(ii) Railway projects. Each railway project shall comply, at a minimum, with the current version of the American Railway Engineering and Maintenance of Right of Way Association standards.

(B) Alternative criteria. A public or private entity may request approval to use different accepted criteria for a particular item of work. Alternative criteria may include the latest version of the AASHTO Policy on Geometric Design of Highways and Streets, the AASHTO Pavement Design Guide, and the AASHTO Bridge Design Specifications. The use of alternative criteria is subject to the approval of the Federal Highway Administration or the Federal Railroad Administration for those projects involving federal funds. The executive director may approve the use of alternative criteria if the alternative criteria are determined to be sufficient to protect the safety of the traveling public and protect the integrity of the transportation system.

(C) Exceptions to design criteria. A public or private entity may request approval to deviate from the state or alternative criteria for a particular design element on a case-by-case basis. The request for approval shall state the criteria for which an exception is being requested and must include a comprehensive description of the circumstances and engineering analysis supporting the request. The executive director may approve an exception after determining that the particular criteria could not reasonably be met due to physical, environmental, or other relevant factors and that the proposed design is a prudent engineering solution.

(3) Access to a highway project.

(A) Access management. Access to a highway shall be in compliance with the department's access management policy.

(B) Interstate access. For proposed highway projects that will change the access control line to an interstate highway, the public or private entity shall submit to the department all data necessary for the department to request Federal Highway Administration approval.

(4) Preliminary design submission and approval. When design is approximately 30% complete or as otherwise provided in a pass-through agreement, the public or private entity shall send the

## **Application Guidelines for Pass-Through Financing of Highway Projects**

## ***Appendix B***

following preliminary design information to the department for review and approval in accordance with the procedures and timeline established in the project development agreement described in subsection (d) of this section:

(A) for a highway project, a completed Design Summary Report form as contained in the department's Project Development Process Manual;

(B) a design schematic depicting plan, profile, and superelevation information for each roadway or a design schematic depicting plan, profile, and superelevation based on top of railway for each railway line;

(C) typical sections showing existing and proposed horizontal dimensions, cross slopes, location of profile grade line, pavement layer thickness and composition, earthen slopes, and right of way lines for each roadway or subballast and ballast layer thickness and composition for each railway line;

(D) bridge, retaining wall, and sound wall layouts;

(E) hydraulic studies and drainage area maps showing the drainage of waterways entering the project and local project drainage;

(F) an explanation of the anticipated handling of existing traffic during construction;

(G) when structures meeting the definition of a bridge as defined by the National Bridge Inspection Standards are proposed, an indication of structural capacity in terms of design loading;

(H) an explanation of how the U.S. Army Corps of Engineers permit requirements, including associated certification requirements of the Texas Commission on Environmental Quality, will be satisfied if the project involves discharges into waters of the United States; and

(I) for a highway project, the location and text of proposed mainlane guide signs shown on a schematic that includes lane lines or arrows indicating the number of lanes.

(5) Highway construction specifications.

(A) All plans, specifications, and estimates developed by or on behalf of the public or private entity for a highway project shall conform to the latest version of the department's Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges, and shall conform to department-required special specifications and special provisions.

(B) The executive director may approve the use of an alternative specification if the proposed alternative specification is determined to be sufficient to ensure the quality and durability of the finished product for the intended use and the safety of the traveling public.

(6) Railway construction specifications.

## **Application Guidelines for Pass-Through Financing of Highway Projects**

## ***Appendix B***

(A) All plans, specifications, and estimates developed by or for the public or private entity for a railway project shall conform to all construction and material specifications established in the American Railway Engineering and Maintenance of Right of Way Association standards.

(B) The executive director may approve the use of an alternative specification if the proposed alternative specification is determined to be sufficient to ensure the quality and durability of the finished product for the intended use and the safety of the public and the railway system.

(7) Submission and approval of final design plans and contract administration procedures. When final plans are complete, the public or private entity shall send the following information to the executive director for review and approval in accordance with the procedures and timelines established in the contract described in §5.56(b) of this chapter:

(A) seven copies of the final set of plans, specifications, and engineer's estimate (PS&E) that have been signed and sealed by the responsible engineer;

(B) revisions to the preliminary design submission previously approved by the department in a format that is summarized or highlighted for the department;

(C) a proposal for awarding the construction contract in compliance with applicable state and federal requirements;

(D) contract administration procedures for the construction contract with criteria that comply with the applicable national or state administration criteria and manuals; and

(E) the location and description of all EPIC addressed in construction.

(8) Construction inspection and oversight.

(A) Unless the department agrees in writing to assume responsibility for some or all of the following items, the public or private entity is responsible for:

(i) overseeing all construction operations, including the oversight and follow through with all EPIC;

(ii) assessing contract revisions for potential environmental impacts; and

(iii) obtaining any necessary EPIC required for contract revisions.

(B) The department may inspect the construction of the project at times and in a manner it deems necessary to ensure compliance with this section.

(9) Contract revisions. All revisions to the construction contract shall comply with the latest version of the applicable national or state administration criteria and manuals, and must be submitted to the department for its records. Any revision that affects prior environmental

approvals or significantly revises project scope or the geometric design must be submitted to the executive director for approval prior to beginning the revised construction work. Procedures governing the executive director's approval, including time limits for department review, shall be included in the contract described in §5.56(b) of this chapter.

(10) As-built plans. Within six months after final completion of the construction project, the public or private entity shall file with the department a set of the as-built plans incorporating any contract revisions. These plans shall be signed, sealed, and dated by a professional engineer licensed in Texas certifying that the project was constructed in accordance with the plans and specifications.

(11) Document and information exchange. The public or private entity agrees to deliver to the department all materials used in the development of the project including aerial photography, computer files, surveying information, engineering reports, environmental documentation, general notes, specifications, and contract provision requirements.

(12) State and federal law. The public or private entity shall comply with all federal and state laws and regulations applicable to the project and the state highway system, and shall provide or obtain all applicable permits, plans, and other documentation required by a federal or state entity.

(d) Contracts. All contracts for the development, construction, or operation of a project shall be awarded in compliance with applicable law.

(e) Federal law. If any federal funds are used in the development or construction of a project under this subchapter, or if the department intends to fund pass-through toll payments with federal funds, the development and construction of the project shall be accomplished in compliance with all applicable federal requirements.

### **RULE §5.59 Operation**

(a) Agreement. A pass-through agreement may provide for a public or private entity to operate a highway or a railway.

(b) Responsibility. To the extent provided in the agreement, a public or private entity shall perform or cause to be performed all work required to operate the highway or railway. This work includes all maintenance and repair required to ensure that the highway or railway functions as intended and meets the performance standards established for maintenance under subsection (c) of this section.

(c) Maintenance of highways. In performing work under this section on a highway, the public or private entity shall meet or exceed the most current "Texas Maintenance Assessment Program" minimum rating requirements for non-interstate state highways as established by the commission in its implementation of Government Accounting Standards Board Statement No. 34. If the highway will be tolled, the public or private entity shall meet or exceed the minimum rating requirements for interstate highways.

**Application Guidelines for Pass-Through  
Financing of Highway Projects**

(d) Maintenance of railways. In performing work under this section on a railway, the public or private entity shall meet all standards for safety and maintenance established by the Federal Railroad Administration and the National Transportation Safety Board, including all standards published in 49 CFR Subtitle B, Chapters II and VIII.

(e) Alternative standards. A public or private entity may request approval to use alternative maintenance standards. The executive director may approve the use of alternative maintenance standards if the director determines that the alternative standards are sufficient to protect the safety of the public and to protect the integrity of the transportation system.

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Source Note: The provisions of this §5.51 - §5.59 adopted to be effective April 15, 2004, 29 TexReg 3640; amended to be effective April 20, 2006, 31 TexReg 3269



**Pass-Through Financing Project Proposal**

**SECTION I—Applicant Information**

Applicant Name: \_\_\_\_\_ Classification: Public ( ) Private ( )  
 Primary Contact: \_\_\_\_\_ Contact's Title: \_\_\_\_\_  
 Street Address: \_\_\_\_\_ Phone No.: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_ Fax Number: \_\_\_\_\_  
 Project Description: \_\_\_\_\_ Email address: \_\_\_\_\_

**SECTION II—Financial Information**

Please include the following in your proposal:

- Project funding sources and amounts by fiscal year
- Total amount of reimbursement requested and proposed schedule
- A statement indicating the applicant's intention to toll or not to toll the project and, if tolled, the approximate date the highway will begin to be tolled
- If a private entity, a statement indicating intention to enter into a comprehensive development agreement
- City Council, Commissioners' Court or Board resolution authorizing pass-through financing application

**SECTION III—Project Information**

Please include the following in your proposal:

- Description of the project including project limits, CSJ numbers (obtainable from the TxDOT District Office), connections with other transportation facilities, and services to be provided by the applicant
- Pass-Through Financing Scope and Estimate Documentation Form (Appendix C).
- Project location map showing proposed alignments and connections with other transportation facilities
- Statement of the benefits anticipated to result from the completion of the project
- Description of the local support for the project such as resolutions from the county commissioner's court, city council, MTA or MPO and description of any local public opposition
- Proposed project development and implementation schedule, including estimated date when the project would be open to traffic
- If a public entity, description of the organization's qualifications and experience in developing highway construction projects
- If a private entity, or when the public entity will utilize private consultants, the name, address, professional designation and complete information concerning the experience, expertise, technical competence and qualifications of the proposer and of each member of the proposer's management team and of other key employees or consultants, and the capability of the proposer to develop the proposed project
- Names, addresses, telephone numbers, facsimile numbers and email addresses for any additional contacts

**SECTION IV—Acknowledgment and Certification**

I certify that:

I have the authority to submit the proposal for pass-through financing described in this application. To the best of my knowledge, all information contained in this application is valid and accurate and the governing body of the undersigned jurisdiction has authorized the submission of this application.

<i>Signature of highest official</i>	<i>Date</i>
<i>Printed Name</i>	<i>Title, Jurisdiction</i>

## Pass-Through Financing Project Scope and Estimate Documentation Form

Date \_\_\_\_\_ Applicant Name: \_\_\_\_\_  
Primary Contact: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

District \_\_\_\_\_ CSJ (if any) \_\_\_\_\_  
County \_\_\_\_\_ UTP Authority (if any) \_\_\_\_\_  
(PLAN, DEVELOP or CONSTRUCT)

Highway: \_\_\_\_\_

Limits:

From \_\_\_\_\_

To \_\_\_\_\_

Project Length: \_\_\_\_\_ miles

Project Scope: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Tentative Letting Date: \_\_\_\_\_

Estimated duration of construction: \_\_\_\_\_ (months)

Estimate:

I. Preliminary Engineering subtotal	\$	_____
II. Environmental subtotal	\$	_____
III. Right of Way subtotal	\$	_____
IV. Utility Adjustment subtotal	\$	_____
V. Construction Costs		
a. Earthwork subtotal	\$	_____
b. Subbase & base subtotal	\$	_____
c. Paving/Surface course subtotal	\$	_____
d. Structures subtotal	\$	_____
e. Lighting & Signing subtotal	\$	_____
f. Other subtotal	\$	_____
VI. Construction Engineering subtotal	\$	_____
VII. Maintenance subtotal	\$	_____
VIII. Operations subtotal	\$	_____

---

Total Project Cost \$ \_\_\_\_\_

## Pass-Through Financing Project Scope and Estimate Documentation Form

**Proposed Design Criteria**

(cite Chapter, Section and key figures from the appropriate design manuals)

1. Roadway: \_\_\_\_\_
2. Pavement: \_\_\_\_\_
3. Structures: \_\_\_\_\_
4. Traffic: \_\_\_\_\_
5. Pedestrians/Cyclists: \_\_\_\_\_

(e.g. AASHTO Bike Guide, AASHTO Ped. Guide, TAS, ADAAG)

**Summary of Existing Elements**

A. Existing typical section

1. No. of traffic lanes \_\_\_\_\_
2. Lane Width \_\_\_\_\_
3. Shldr. Width \_\_\_\_\_
4. Median width \_\_\_\_\_
5. Curb & gutter  yes  no

B. Existing bridge data (including bridge-class culverts)

Stream/ Hwy/RR Name	Str. #	Structure Length	Structure Type	Date of Const.	Sidewalk Width	Clear Roadway Width	Sufficiency Rating

C. Existing cross drainage culvert data

Station	Number of Barrels	Sizes	Type (shape & material)

D. Existing Stream data

1. Will channel work be required?  yes  no  
If yes, linear feet disturbed? \_\_\_\_\_ Permits needed?  yes  no
2. If bridge foundations must be drilled in channel or stream bed, how will drilling rigs gain access? (e.g., cofferdams, drilling pads, or access roads) \_\_\_\_\_

E. Existing ROW data

1. Existing ROW width \_\_\_\_\_
2. Estimated number of land owners \_\_\_\_\_
3. Predominant land use \_\_\_\_\_

**Pass-Through Financing Project  
Scope and Estimate Documentation Form**

F. Existing Highway-Railroad (RR) grade crossings

1. Owner of RR(s): \_\_\_\_\_
2. Type of RR crossing surface material       concrete       rubber       wood
3. Type of warning devices:       passive       cantilever flashing lights  
    lights & gates       mast signals
4. Do opportunities exist for consolidating or closing RR crossings?       Y       N
5. Is there a highway-RR grade crossing adjacent (i.e., within about 500 feet) to a signalized highway intersection?       Y       N

**Advanced Project Development Elements**

A. Surveying

1. Status of aerial photography:  complete    in progress    not started    N/A
2. Status of field surveys:  complete    in progress    not started

B. Schematic development

1. Schematic status
  - a. Percent complete \_\_\_\_\_ %
  - b. Approval authority:    FHWA    TxDOT-DES    TxDOT-District
2. Comments \_\_\_\_\_

C. Environmental Commitments & Issues

1. Anticipated type of environmental document required    CE       EA       EIS
2. Has environmental document been approved?  yes       no  
Status \_\_\_\_\_
3. Office responsible for preparing environmental document \_\_\_\_\_
4. Public Involvement conducted to date:  
\_\_\_\_\_  
\_\_\_\_\_

D. Potential Environmental Impacts

1. Historical/Archeological sites \_\_\_\_\_
2. Disruption of Schools/Neighborhoods \_\_\_\_\_
3. Agricultural or Recreational Lands \_\_\_\_\_
4. Air/Water Quality \_\_\_\_\_
5. Potential hazardous material sites \_\_\_\_\_
6. Wetlands, Streams, Lakes, Floodplains \_\_\_\_\_
7. Social, economic, environmental justice \_\_\_\_\_
8. Endangered Species \_\_\_\_\_
9. Located within a Coastal Zone \_\_\_\_\_
10. Adverse effects of noise \_\_\_\_\_

**Pass-Through Financing Project  
Scope and Estimate Documentation Form**

**Proposed Right Of Way & Utility Elements**

A. Right of way elements

1. Proposed Usual ROW width \_\_\_\_\_
2. Is additional ROW required?     yes   no
3. Are easements required (drainage or construction)?   yes   no
4. Is control of access proposed?   yes   no
5. Have ROW map/plats/descriptions been prepared for parcels?   yes   no
6. Is relocation assistance required?   yes   no
  - a. Number of residences \_\_\_\_\_
  - b. Number of businesses \_\_\_\_\_
  - c. Other improvements \_\_\_\_\_
7. Comments \_\_\_\_\_

B. Major utility facilities - Preliminary utility inventory

Utility	Type	Crossing or Parallel?	Describe potential conflict

**Proposed Roadway Design Elements**

A. Functional classification:

- Freeway    Arterial    Major collector    Minor collector    Local

B. Highway type:

- Urban    Suburban    Rural  
 Freeway    Frontage road    Multilane road    Two-lane road

C. Proposed Scope:

- Mobility Corridor (5R )    4R/new construction    3R    2R

D. Terrain:  Level    Rolling

**Pass-Through Financing Project  
Scope and Estimate Documentation Form**

E. Traffic

<b>Roadway</b>	<b>Existing ADT</b>	<b>% Trucks</b>	<b>ADT (letting year)</b>	<b>ADT (open year)</b>	<b>ADT (design year)</b>

Data Source: \_\_\_\_\_

F. Design criteria

1. Posted Speed: \_\_\_\_\_ Design Speed: \_\_\_\_\_
2. Minimum horizontal curve radius: \_\_\_\_\_
3. Superelevation  $e_{max}$ : \_\_\_\_\_
4. Minimum K values for vertical curves: Sag \_\_\_\_\_ Crest \_\_\_\_\_
5. Grades: Minimum \_\_\_\_\_ Maximum \_\_\_\_\_

G. Are design exceptions/waivers anticipated?  yes  no

If yes, what design elements? \_\_\_\_\_

H. Compaction Method proposed for Embankment?  OC  DC

I. Pavement Design

- a. Proposed pavement type:  Rigid  Flexible
- b. Status of Pavement Design Report approval: \_\_\_\_\_

**Proposed Hydraulic Elements**

A. Is the design of any special drainage facility required?  yes  no

If yes, explain \_\_\_\_\_

B. Are any of the communities (county/city/town) participating in the National Flood Insurance Program (NFIP)?  yes  no

If yes, have the appropriate Flood Plain Administrators (FPA) been notified?  yes  no  
Names / Communities)

C. Does any part of the project cross any of these Special Flood Hazard Areas (SFHA)? Check all that apply:

- Zone A
- Zone AE (A1-30)
- Zone AO
- Zone AH
- Zone V
- Zone VE (V1-30)

## Pass-Through Financing Project Scope and Estimate Documentation Form

D. Is there any existing development in the floodplain, or adjacent to the ROW but not in the floodplain, that may be impacted at any stage by changes (no matter how small) brought about by the project?  yes  no

E. Proposed Hydraulic Design Frequency (check appropriate boxes)

Functional Classification and Structure Type	Design Frequency (years)				
	2	5	10	25	50
<b>Freeways (main lanes)</b>					
Culverts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bridges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Principal arterials</b>					
Culverts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Small bridges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Major river crossings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Minor arterials and collectors (including frontage roads)</b>					
Culverts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Small bridges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Major river crossings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Local roads and streets (off-system projects)</b>					
Culverts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Small bridges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Storm drain systems</b>					
Interstate and controlled access Highways (main lanes)					
Inlets and drain pipe	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inlets for depressed roadways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other highways and frontage					
Inlets and drain pipe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inlets for depressed roadways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Other _____</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Notes:**
1. Table shown above is in the TxDOT Hydraulic Design Manual
  2.  Shaded boxes denote recommended design frequencies.

**Pass-Through Financing Project  
Scope and Estimate Documentation Form**

**Proposed Traffic Operations Elements**

- A. Is signalization proposed?       yes    no  
If yes, are traffic signals warranted?  yes    no  
At which intersections are signals proposed? \_\_\_\_\_
- B. Is safety lighting proposed?       yes    no  
If yes, where? \_\_\_\_\_
- C. Is continuous lighting proposed?  yes    no  
If yes, where? \_\_\_\_\_
- D. Are Intelligent Transportation System (ITS) items proposed?    yes    no

**Proposed Miscellaneous Elements**

- A. Geotechnical exploration  
Is geotechnical exploration needed for any of the following (mark all that apply)?  
 Roadway    Bridge    Retaining/Noise wall    Storm Drain    Other
- B. Will all requirements of the Americans with Disabilities Act Accessibility Guidelines (ADAAG), Texas Accessibility Standards (TAS) and related rules be met?  
 yes    no
- C. Are railroad agreements needed?  yes    no   If yes, where? \_\_\_\_\_
- D. Are airway/highway clearance permits required?  yes    no

**Please see next page for additional information to be provided by the applicant as attachments to this form.**



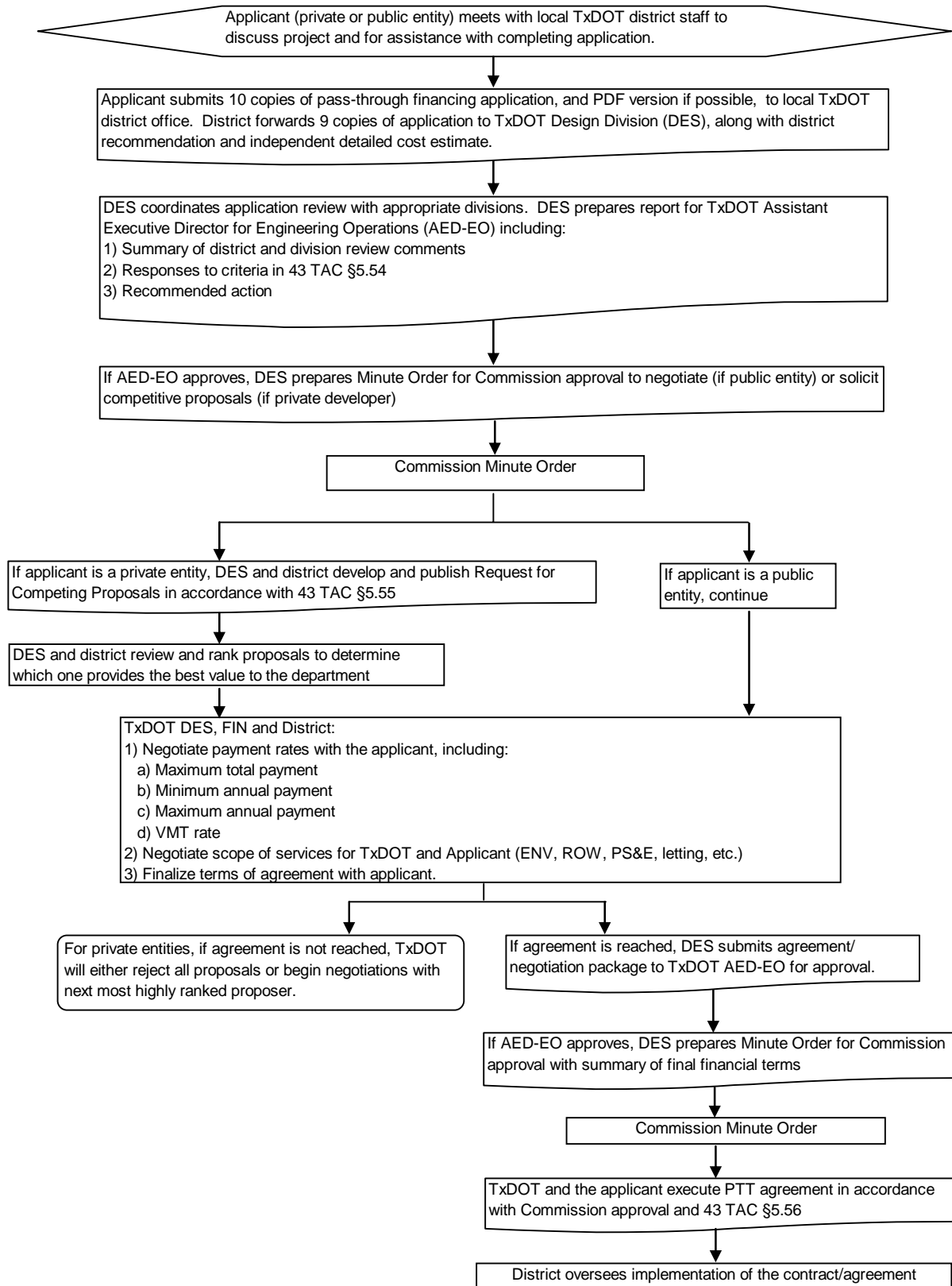
## **Pass-Through Financing Project Scope and Estimate Documentation Form**

**Attachments to be provided by the applicant:**

1. Project location map (drawn to scale) showing proposed alignments and approximate locations for the following items:
  - a. Roadway centerline
  - b. Bridges and bridge class culverts (>20' along roadway centerline)
  - c. Retaining or sound walls
  - d. Storm drain systems
  - e. Potential environmental issues (e.g. natural habitat, wetlands, cemeteries, historic features, contaminated sites)
  - f. Railroad crossings
  - g. Major utility crossings
  - h. Signals and lighting
  - i. Anticipated ROW acquisition
2. Existing and Proposed Typical Sections for roadways and bridges including the following items at a minimum:
  - a. Lane, shoulder, median and speed change lane widths
  - b. Cross slopes and side slopes
  - c. Provisions for pedestrians and bicyclists
  - d. Provisions for parking
  - e. Pavement layer thickness and composition (e.g. subbase, base, surface course)
  - f. Horizontal Clearance
  - g. ROW limits
3. Pavement Design Report (signed and sealed by licensed engineer)
4. Typical sections for major phases of construction traffic control.
5. Detailed cost estimate (if available) or basis for the cost estimate provided
6. If project is proposed as a toll facility, provide the following:
  - a. Description and/or layout of the segments to be tolled, and those that will not be tolled,
  - b. Estimated revenue to be collected from tolled segments during the first ten years of operation, and
  - c. Breakdown of estimated costs for tolled and non-tolled segments.



**Pass-Through Financing Process Flow Chart**



## **Contact Information**

For additional information, please see our web-site at [www.txdot.gov](http://www.txdot.gov).

Still have questions? Please call:

Elizabeth Hilton, P.E.  
Plan Development Section  
Design Division  
(512) 416-2689

Dorn Smith  
Debt Management Section  
Finance Division  
(512) 463-8721