



## Travis County Commissioners Court Agenda Request

**Meeting Date:** August 27, 2013

**Prepared By:** Mo Mortazavi, P.E. Phone #: (512) 854-7589

**Division Director/Manager:** Steve Sun, P.E., Assistant Public Works Director

**Department Head:** Steven M. Manilla, P.E., County Executive-TNR

**Sponsoring Court Member:** Commissioner Todd, Precinct Two

**AGENDA LANGUAGE:** Consider and take appropriate action on approving a resolution to perform an equivalent-match project in return for waiver of Local Match Fund Participation Requirement on Federal Off-System Bridge Program Project in Precinct Two.

### **BACKGROUND/SUMMARY OF REQUEST:**

The Texas Department of Transportation (TxDOT) has informed Travis County that the County's Bridge 217 on Old Gregg Lane at Harris Branch qualifies for rehabilitation under the federal Off-System Bridge Program. Under this program, the Federal government pays 80% of the funds for the replacement or rehabilitation of the existing structure and the State pays another 10%. The remaining 10% local match can be waived, if Travis County pledges to spend an equivalent amount on another qualified bridge or drainage project.

### **STAFF RECOMMENDATIONS:**

TNR recommends using the 2011 bond funded Big Sandy Drive at Long Hollow Creek project in Precinct Three, as the equivalent match for Bridge 217, and requests approval of the attached resolution by the Court. Upon receipt of the Travis County's request, TxDOT will submit an Advanced Funding Agreement (AFA) to Travis County for approval by the Commissioners Court, prior to the approval of the AFA.

### **ISSUES AND OPPORTUNITIES:**

This provides an opportunity for Travis County to have one of its bridges in poor condition repaired and rehabilitated without expending any local funds.

### **FISCAL IMPACT AND SOURCE OF FUNDING:**

TxDOT's cost estimate for the repair and rehabilitation of Bridge 217 is \$262,400. Travis County's required 10% share of the design and construction cost for Bridge 217 is therefore, \$26,240. TNR recommends using the 2011 Big Sandy Drive at Long Hollow Creek bond project in Precinct Three as the equivalent match project for Bridge 217. The most recent engineer's cost estimate for the Big Sandy Drive

project is \$745,000 which far exceeds the County's required 10% cost share of \$26,240. There is no impact on the County's financial resources.

**ATTACHMENTS/EXHIBITS:**

Resolution

TxDOT's Letter and Backup Information

**REQUIRED AUTHORIZATIONS:**

Cynthia McDonald	Financial Manager	TNR	(512) 854-4239
Steven M. Manilla	County Executive	TNR	(512) 854-9429
Tom Nuckols		County Attorney's Office	512-854-9262

**CC:**

Steve Sun	Assistant Public Works Dir.	TNR	512-854-4660
Donna Williams-Jones	Financial Analyst Sr.	TNR	512-854-7677

**MM:SM:mm**

**3101 - Public Works/CIP -**

## RESOLUTION

The State of Texas  
County of Travis

WHEREAS, the federal off-system bridge program is administered by the Texas Department of Transportation (the State) to replace or rehabilitate structurally deficient and functionally obsolete (collectively referred to as deficient) bridges located on public roads and streets off the designated state highway system; and

WHEREAS, Travis County, hereinafter referred to as the Local Government, owns a bridge located at Old Gregg Lane at Harris Branch, National Bridge Inventory (NBI) Structure Number AA14-50-003, Local Designation Number 217; and

WHEREAS, a project to remedy the bridge is included in the currently approved program of projects as authorized by Texas Transportation Commission Minute Order Number 113250 dated August 2012, Control-Section-Job (CSJ) Number 0914-04-271; and

WHEREAS, the usual fund participation ratio for projects on such program is 80 percent federal, 10 percent state and 10 percent Local Government; and

WHEREAS, Texas Administrative Code, Title 43, Section 15.55(d) (43 TAC Section 15.55(d)) provides that under specified conditions the 10 percent Local Government match fund participation requirement may be waived with agreement by the Local Government to perform, or cause to be performed, an equivalent dollar amount of structural improvement work on other deficient bridges or deficient mainlane cross-drainage structures within its jurisdiction, such a project of structural improvement work being referred to as an "equivalent-match project"; and

WHEREAS, the estimated local match fund participation requirement on the approved federal off-system bridge projects is Twenty Six Thousand Two Hundred and Forty Dollars and No Cents (**\$26,240.00**), hereinafter referred to as the "participation-waived" project, such participation requirement the Local Government proposes be waived and in return perform or cause to be performed equivalent-match project structural improvement work.

THEREFORE, BE IT RESOLVED that the Local Government perform, or cause to be performed, the following equivalent-match project(s) in return for waiver of the local match fund participation requirement on the approved federal off-system bridge program (participation-waived) project (PWP) not yet awarded:

<b>LOCATION (and NBI structure identification number, if applicable)</b>	<b>ON SCHOOL BUS ROUTE?</b>	<b>DESCRIPTION OF STRUCTURAL IMPROVEMENT WORK</b>	<b>ESTIMATED COST</b>
Big Sandy Drive at Long Hollow Branch Creek	Yes	Replace Low water Crossing w/Bridge to Reduce Flooding Frequency	\$745,000

BE IT FURTHER RESOLVED that in receiving this waiver the Local Government acknowledges its obligation to conform with all conditions of 43 TAC Section 15.55(d); such conditions that include but are not restricted to the following:

1. The Local Government must be currently in compliance with load posting and closure regulations as defined in National Bridge Inspection Standards under US Code of Federal Regulations, Title 23, Section 650.303.
2. The equivalent-match project work increases the load capacity of the existing bridge or other mainlane cross-drainage structure, or upgrades the structure to its original load capacity with a minimum upgrade to safely carry school bus loading if located on a school bus route.
3. In performing, or causing to be performed, the equivalent-match project(s), the Local Government assumes all responsibilities for engineering and construction, and complying with all applicable state and federal environmental regulations and permitting requirements for the structures being improved.
4. The work on the proposed equivalent-match project(s) has not begun and will not begin until the local match fund participation waiver approval process has been completed.
5. The Local Government will be allowed three years after the contract award of the participation-waived project to complete the structural improvement work on the equivalent-match project(s).
6. Should this waiver request be approved, an appropriate written agreement or amendment to a previously executed agreement will be executed between the State and Local Government.

**APPROVAL SIGNATURES**

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

**Date** \_\_\_\_\_



# MEMO

July 10, 2013

**To:** Steve Manilla, P.E.  
County Executive  
P.O. Box 1748  
Austin, Texas 78767-1748

**From:** Michelle L. Romage-Chambers, P.E.  
District Bridge Engineer  
Austin District

**CC:** Michael McKissik, P.E. North Austin Area Engineer  
Mo Mortazavi, P.E. Engineer SR  
Christine L. Connor, P.E. District Design Engineer

**Subject:** Travis County  
CSJ 0914-04-271  
Old Gregg Lane at Harris Branch  
Str # AA14-50-003

Local Fund Participation-Waived Federal Off-System Bridge  
Program Projects and Equivalent-Match Projects

Texas Administrative Code, Title 43, Section 15.55(d) (43 TAC Section 15.55(d)) is now in effect providing that the usual 10 percent local match fund participation requirement may be waived on an authorized federal off-system bridge program project, providing the Local Government agrees to perform structural improvement work in a dollar-amount equivalent to the local participation, on other deficient bridge(s) or cross-drainage structure(s) within its jurisdiction. The project on which the local fund participation requirement is to be waived is referred to as the "participation-waived project", while the project or projects on which the Local Government agrees to perform structural improvement work in return for the participation waiver, is referred to as the "equivalent-match project(s)."

With written request by the Local Government, consideration may be given to such waiver on any federal off-system bridge project within the Local Government's jurisdiction or an adjacent or overlapping jurisdiction that is currently authorized for construction, but the contract for construction has not yet been awarded. However, the department is unable to reimburse escrow funds that have already been paid by the Local Government.

#### OUR GOALS

MAINTAIN A SAFE SYSTEM • ADDRESS CONGESTION • CONNECT TEXAS COMMUNITIES • BEST IN CLASS STATE AGENCY

*An Equal Opportunity Employer*



The waiver request must include the location(s), description of structural improvement work proposed, and estimated cost for the proposed equivalent-match project(s), together with a copy of the Local Governing body's resolution.

Such requests will be reviewed and considered according to the requirements of 43 TAC Section 15.55(d), and the Local Government will be notified accordingly. If waiver approval is granted, such approval must then be manifested through written agreement executed between the State and the Local Government.

For your use, attached are examples of a form letter requesting the waiver and a resolution form adopting the waiver request. Please contact this office if further information is needed in preparing or considering the preparation of a waiver request.

Attachments: Example Form Letter Requesting Waiver  
Example Local Governing Body Resolution Form Adopting Waiver Request  
Cost Estimate

County: Travis  
 CSJ: 0914-04-271  
 Road/Street/Highway: Old Gregg Lane  
 Feature Crossed: Harris Branch  
 15 Digit NBI Structure No.: AA14-50-003  
 Local Designation No.:

**EXHIBIT A**  
**ESTIMATE OF DIRECT COSTS**

(NOTE: This estimate supersedes any and all those that may have been provided previously for this project.)

		<u>Estimated Cost</u>	<u>Local Government Participation</u>
Preliminary Engineering (PE) 091404271	(1)	<u>\$11,000.00</u>	
Ten (10) Percent or EDC Adjusted Percent of PE for Local Government Participation			(3) <u>\$1100.00</u>
Construction		<u>\$224,200.00</u>	
Engineering and Contingency (E&C)		<u>\$ 27,200.00</u>	
The Sum of Construction and E&C	(2)	<u>\$251,400.00</u>	
Ten (10) Percent or EDC Adjusted Percent of the Sum of Construction and E&C for Local Government Participation			(4) <u>\$25,140.00</u>
Amount of Advance Funds Paid by Local Government *			(5) ( \$ 0.00 )
Amount of Advance Funds to be Paid by Local Government *			(6) ( \$ 0.00 )
Balance of Local Government Participation which is to be Waived where the Project is a PWP			(3+4-5-6) <u>\$26,240.00</u>
Total Project Direct Cost	(1+2)	<u>\$ 262,400.00</u>	

\* Credited Against Local Government Participation Amount

If this Project is to be a PWP, Amount of EMP Work Being Credited to this PWP as Shown on Attachment C.	<u>\$</u>
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County: Travis  
Project: BR ( )OX  
CSJ: 0914-04-271  
Old Gregg Lane at Harris Branch  
NBI Str. No.: AA14-50-003  
Local Designation:

Michelle L. Romage-Chambers, P.E.  
District Bridge Engineer - AUS  
7901 N. IH-35  
Austin, Texas 78753

SUBJECT: Request for Waiver of Local Match Fund  
Participation Requirement on Federal  
Off-System Bridge Program Project

Dear Ms. Romage-Chambers:

Under the provisions of Texas Administrative Code, Title 43, Section 15.55(d), this Local Government requests waiver of the local match fund participation requirement on the above referenced federal off-system bridge program project referred to as the "participation-waived" project. In return for waiver of this participation, it is proposed that our governing body perform, or cause to be performed, an equivalent dollar amount of structural improvement work on other deficient bridge(s) or deficient mainlane cross-drainage structure(s), referred to as "equivalent-match project(s)", within the jurisdiction of our governing body.

A copy of the appropriate required resolution adopted by our governing body is attached.

Sincerely,

Steve Manilla, P.E.  
County Executive  
Travis County

Attachment: Resolution

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**For TxDOT Use Only**

\_\_\_\_\_ Waiver Approved  
\_\_\_\_\_ Waiver Disapproved  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Greg A. Malatek, P.E.  
Austin District Engineer

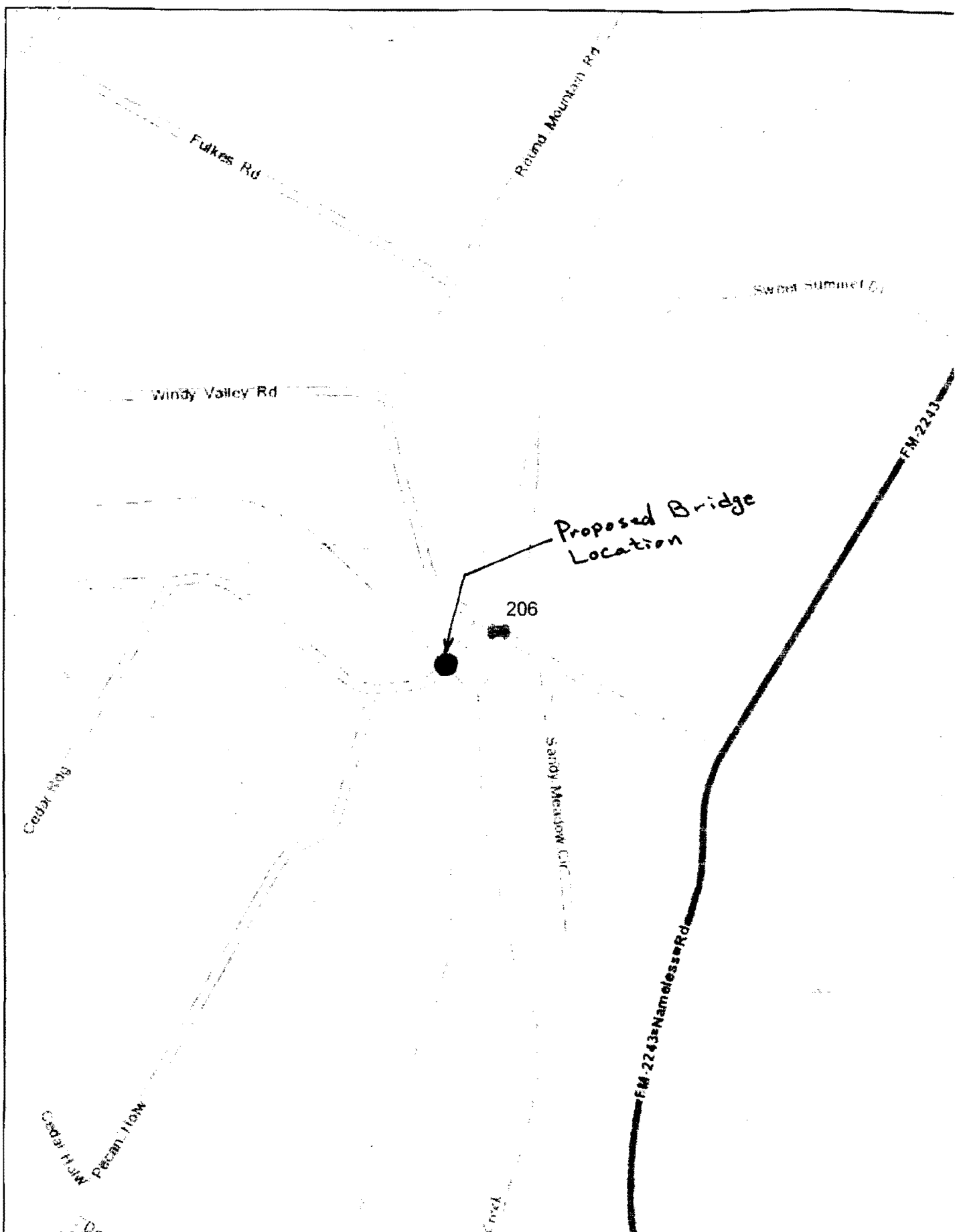
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**Opinion of Probable Construction Cost**

Project	Big Sandy Drive Drainage Design Project	Estimated By	AOS	
Site I.D.		Checked By	LMC	
Site Descr.				
Date	8/9/2013	Description	New Big Sandy Drive Bridge over Long Hollow Creek - Alternative 1 30% Draft	
Description	Quantity	Unit	Unit Price	Total
PREPARING ROW	7	STA	\$ 2,500.00	\$ 17,500.00
REMOVING STAB BASE AND ASPH PAV (8"-10")	1638	SY	\$ 4.00	\$ 6,551.11
REMOV STR (PIPE)	144	LF	\$ 15.00	\$ 2,160.00
EXCAVATION (ROADWAY AND CHANNEL)	164	CY	\$ 10.00	\$ 1,640.00
EMBANKMENT (FINAL)(ORD COMP)(TY B)	830	CY	\$ 12.00	\$ 9,955.56
FURNISH AND PLACING TOPSOIL (4")	1222	SY	\$ 1.00	\$ 1,222.22
CELL FBR MLCH SEED(PERM)(RURAL)(CLAY)	1222	SY	\$ 0.25	\$ 305.56
CELL FBR MLCH SEED(TEMP)(WARM)	611	SY	\$ 0.25	\$ 152.78
CELL FBR MLCH SEED(TEMP)(COOL)	611	SY	\$ 0.25	\$ 152.78
VEGETATIVE WATERING	0.02	MG	\$ 12.00	\$ 0.23
PRIME COAT	220	GAL	\$ 4.50	\$ 990.00
D-GR HMA(METH) TY-C PG70-22	242	TON	\$ 95.00	\$ 22,990.00
LIME TRT(MIX EXST MATL & NEW BASE)(8")	1467	SY	\$ 2.50	\$ 3,666.67
FL BS (CMP IN PLC)(TY A GR 4)(FNAL POS	570	CY	\$ 40.00	\$ 22,814.81
MOBILIZATION (5%)	1	LS	\$ 30,772.29	\$ 30,772.29
BARRICADES/SIGNS/TRAFFIC HANDLING	10	Month	\$ 4,680.00	\$ 46,800.00
BRIDGE STR	4200	SF	\$ 110.00	\$ 462,000.00
MTL W - BEAM GD FEN (TIM POST)	400	LF	\$ 18.00	\$ 7,200.00
DRIVEWAYS (ACP)	48	SY	\$ 28.00	\$ 1,344.00
GUARDRAIL END TREATMENT (INSTALL)	4	EA	\$ 2,000.00	\$ 8,000.00
				\$ -
				\$ -
SUBTOTAL				\$ 646,218.00
CONTINGENCY			15%	\$ 96,932.70
<b>TOTAL CONSTRUCTION COST</b>				<b>\$ 743,150.70</b>



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