

PENDING APPROVAL

REQUISITION SHEET MUST BE ATTACHED
(Applies when agenda item requires a specific payment)

OKLAHOMA COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM REQUEST SHEET

For Next Agenda

(Day of Meeting) (Date and Year of Meeting)

DEPT.: Engineering
(Department Requesting this item)

BY: Stacey Trumbo
(Contact person for this Item)

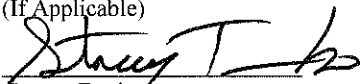
EXT. 1469
(Contact's extension)

NAME OF FUND: _____

Discussion and possible action for approval of Application Form for the 2014 Federal Fiscal Year Surface Transportation Program for funding for Waterloo Road from I-35 to Douglas Boulevard. This item is requested by Stacey Trumbo, PE, County Engineer. (Documents Received).

(ALL NECESSARY DOCUMENTATION MUST BE ATTACHED FOR APPROVAL)

APPROVED BY ENGINEER
(If Applicable)


County Engineer

APPROVED BY D.A.
(If Applicable)

Assistant District Attorney

APPROVED BY PURCHASING
(If Applicable)

Purchasing Agent

NOTE: A COMMISSIONER MUST APPROVE ALL **EMERGENCY REQUESTS**
FOR ANY ITEM SUBMITTED AFTER THE DEADLINE
(THE DEADLINE IS 9:00AM ONE WEEK PRIOR TO THE DATE THAT THE AGENDA IS TO BE POSTED)

DATE OF REQUEST:

BY:

(Person Submitting or Requesting Emergency Request)

DATE OF APPROVAL:

APPROVED BY:

COUNTY COMMISSIONER

Number of ORIGINAL DOCUMENTS you have attached: 1. **NOTE:** The County Clerk will keep one original and will return the remaining originals to you. If you provide only one original, the Board Secretaries will return one photocopy to you. However, if you have special circumstances that require the County Clerk to (check one): _____ keep more than one original; or _____ return all originals to you, please describe them for the County Clerk's consideration: _____

Special Instructions: _____

PENDING APPROVAL

FORM AF-100
(9-2009)

Application Form for the 2014 Federal Fiscal Year

Surface Transportation Program (Major or Minor Collector System Only)

Date: December 1, 2009 Major Minor (check one) Collector No. 5504C

Project Cost Estimate: \$ 1,383,090 (Includes 8.5% E & C)

Check one: Category I (\$1,000,000 Cap) Category II (\$500,000 Cap)

County Wide Speed Limit (Include copy of County's resolution): 55 MPH

Proposed Design Speed: 45 MPH

Certified Average of seven-day traffic counts: 5,692 ADT

Year of the last STP project for your county?

Preventable Accident Summary (Include copy of three-year accident study)

No. of Fatality Accidents: 0

No. of Personal Injury Accidents: 3

Special Category

(Attach supporting documentation)

Check all that apply.

Provides direct connection to:

- State Highway System
- Incorporated Community
- Unincorporated Community
- Recreational / Wildlife Area
- Industrial Site
- School

Will improve:

- School bus route
- Continuing part of a completed project
- Other special needs (improves a
railroad crossing, other federal
agency involvement, etc.) Please explain.

BOARD OF COUNTY COMMISSIONERS

County, Oklahoma

Date

Chairman

Member

Member

Attest:

County Clerk

Fax or Mail application to: (405) 524-3700

Association of County Commissioners of Oklahoma
429 NE 50th Street
Oklahoma City, Oklahoma 73105

PENDING APPROVAL

Waterloo Road
 Cost Estimate
 FY 2014 STP Program

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
Mobilization	1	LS	\$106,700.00	\$106,700
DEQ Runoff Compliance	1	LS	\$37,200.00	\$37,200
Traffic Control	1	LS	\$42,700.00	\$42,700
Clearing and Grubbing	1	LS	\$14,300.00	\$14,300
Drainage (replace GCMP with Conc)	400	LF	\$140.00	\$56,000
Staking	1	LS	\$32,000.00	\$32,000
Earthwork	22,448	CY	\$2.20	\$49,386
Cement Kiln Dust	2,149	Ton	\$44.51	\$95,652
Stabilize & Compact Subgrade	45,911	SY	\$4.00	\$183,644
TBSC	906	Ton	\$27.00	\$24,462
Type A asphalt	6,352	Ton	\$53.00	\$336,656
Type B asphalt	4,127	Ton	\$61.00	\$251,747
Sod	92,232	SF	\$0.22	\$20,291
Traffic Markings	1	LS	\$24,000.00	\$24,000

TOTAL **\$1,274,738**

E & C **\$108,353**

TOTAL with E & C **\$1,383,090**

Estimate as of Oct 09



COLLISION CONCENTRATION LISTING
 Date Range: 9-1-2006 Thru 8-31-2009
 Severity Index of 2 or Higher
COLLISION TOTALS

Program Provided by:
 Traffic Engineering Division
 Collision Analysis and Safety Branch
 (405) 522-0985
 Created: 10/14/2009 by Andy Rex

WATERLOO ROAD, FROM I-35, EAST TO DOUGLAS BLVD IN OKLAHOMA COUNTY

STUDY TOTALS

Year	CITY STREET COLLISIONS		
	Fat	Inj	PD
2006		1	1
2007		2	3
2008			6
2009 *			3
Total:		3	13
			16

* DENOTES A YEAR FOR WHICH DATA MAY BE INCOMPLETE.

County: (55) OKLAHOMA

(20) EDMOND	CITY STREET COLLISIONS		
	Fat	Inj	PD
		3	13
			16

PENDING APPROVAL



WATERLOO ROAD, FROM I-35, EAST TO DOUGLAS BLVD IN OKLAHOMA COUNTY

STREET ONE	INTERSECTING STREET	INTERSECTION RELATION	DIR1	DIR2	# VEH	# INJ	# FAT	# TYPE OF COLLISION	UNSAFE UNLAWFUL	LIGHT CONDITION	ROAD CONDITION	SEVERITY	DATE
1955-BROADWAY	4800-WATERLOO RD.	YES	N	N	2	1		REAR-END	FOL-CLOSE	DARK	DRY	INJ	2006-10-30
1955-BROADWAY	4800-WATERLOO RD.	YES	E	W	2			HEAD-ON	UNSAF-SPD	DYLG	SNOW	PDO	2008-01-31
1955-BROADWAY	4800-WATERLOO RD.	WEST	W	E	2			RIGHT-ANGLE		DYLG	DRY	PDO	2008-02-06
2300-BRYANT AVE.	4800-WATERLOO RD.	YES	N	E	2			ANGLE-TURNING	F-YIELD	DYLG	DRY	PDO	2007-02-26
2300-BRYANT AVE.	4800-WATERLOO RD.	YES	W	S	2			REAR-END	F-STOP	DUSK	DRY	PDO	2009-03-21
2300-BRYANT AVE.	4800-WATERLOO RD.	YES	E	E	2			REAR-END	IMP-BACK	DYLG	DRY	PDO	2009-07-16
2308-VALLEY VIEW RD.	4800-WATERLOO RD.	EAST	W	-	1			F-O MAILBOX	OTHER	DARK	DRY	PDO	2008-02-04
2500-COLTRANE RD.	4800-WATERLOO RD.	YES	S	W	2	1		RIGHT-ANGLE	F-STOP	DYLG	DRY	INJ	2007-12-23
2700-SOONER RD.	4800-WATERLOO RD.	EAST	E	-	1	1		F-O TRAFF-SIGN	F-STOP	DARK	DRY	INJ	2007-03-13
2730-INDUSTRIAL BLVD.	4800-WATERLOO RD.	YES	N	N	2			ANGLE-TURNING	F-YIELD	DYLG	WET	PDO	2007-03-27
2730-INDUSTRIAL BLVD.	4800-WATERLOO RD.	EAST	E	E	2			REAR-END	F-YIELD	DARK	DRY	PDO	2008-12-27
2755-BOUCHER DR.	4800-WATERLOO RD.	YES	W	E	2			ANGLE-TURNING	IMP-TURN	DYLG	DRY	PDO	2008-07-07
2755-BOUCHER DR.	4800-WATERLOO RD.	YES	W	E	2			ANGLE-TURNING	F-YIELD	DYLG	DRY	PDO	2009-06-12
2900-AIR DEPOT BLVD.	4800-WATERLOO RD.	WEST	E	E	2			ANGLE-TURNING	INATT	DYLG	DRY	PDO	2007-10-01
2900-AIR DEPOT BLVD.	4800-WATERLOO RD.	YES	S	-	1			OTH-SINGLE-VEH	IMP-TURN	DYLG	DRY	PDO	2008-01-10

*A SEVERITY INDEX VALUE OF 02 IS ASSIGNED TO EACH COLLISION INVOLVING PROPERTY DAMAGE LOSS ONLY, WHILE A VALUE OF 04 IS ASSIGNED TO EACH COLLISION INVOLVING INJURY OR DEATH

Oklahoma Department of Transportation
 County : OKLAHOMA
 City : 20 - EDMOND



COLLISION CONCENTRATION LISTING
 Date Range: 9-1-2006 Thru 8-31-2009
 Severity Index of 2 or Higher
CITY STREET COLLISION CONCENTRATION LISTING

Program Provided by:
 Traffic Engineering Division
 Collision Analysis and Safety Branch
 (405) 522-0985
 Created: 10/14/2009 by Andy Rex

WATERLOO ROAD, FROM I-35, EAST TO DOUGLAS BLVD IN OKLAHOMA COUNTY

STREET ONE	INTERSECTING STREET	INTERSECTION RELATION	DIR1	DIR2	# VEH	# INJ	# FAT	TYPE OF COLLISION	UNSAFE UNLAWFUL	LIGHT CONDITION	ROAD CONDITION	SEVERITY	DATE
3100-MIDWEST BLVD.	4800-WATERLOO RD.	WEST	E	-	1			F-O TREE	UNSAF-SPD	DYLG	ICE	PDO	2006-12-01

*A SEVERITY INDEX VALUE OF 02 IS ASSIGNED TO EACH COLLISION INVOLVING PROPERTY DAMAGE LOSS ONLY, WHILE A VALUE OF 04 IS ASSIGNED TO EACH COLLISION INVOLVING INJURY OR DEATH
 Courtesy of the Oklahoma Department of Transportation Traffic Engineering Division
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City	(55 - OKLAHOMA) 20 - EDMOND
Report Type	City Street Report
City Street Data	Query on: Single Street, Dir: E-W, Street: 4800
Beginning Date	On Range of Cross-streets, From: 1927 To: 3300
Ending Date	9-1-2006
Severity Index Greater Than	8-31-2009
	2
FILTER DATA BY :	
Severity	All Selected
Spec. Feature	All Selected
Unsafe Unlawful	All Selected
Type of Collision	All Selected
First Harmful Event	All Selected
Roadway Departure	All Selected
CMV COLLISIONS	Unchecked
ROADWAY CRITERIA :	
Highway Class	All Selected
Average Daily Traffic	All Selected
National Functional Class	All Selected
Number of Lanes	All Selected
Access Control	All Selected
Median Type	All Selected
Median Width	All Selected
Outer Shoulder Type	All Selected
Outer Shoulder With	All Selected
Traffic Controls	All Selected

UNIT CRITERIA :	
Unit Type	All Selected
Vehicle Type	All Selected
Vehicle Cond.	All Selected
Vehicle Action	All Selected
Orientation 1	All Selected
Orientation 2	All Selected
PERSON CRITERIA :	
Restraint Used	All Selected
Person Conditions	All Selected
Age	All Selected
Sex	All Selected
ENVIRONMENT CRITERIA :	
Manner of Coll.	All Selected
Agency	All Selected
Road Conditions	All Selected
Light	All Selected
Weather	All Selected
Relation Junction	All Selected
Hour	All Selected

*A SEVERITY INDEX VALUE OF 02 IS ASSIGNED TO EACH COLLISION INVOLVING PROPERTY DAMAGE LOSS ONLY, WHILE A VALUE OF 04 IS ASSIGNED TO EACH COLLISION INVOLVING INJURY OR DEATH

PENDING APPROVAL

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§47-11-801v1. Basic rule and maximum limits.

A. Any person driving a vehicle on a highway shall drive the same at a careful and prudent speed not greater than nor less than is reasonable and proper, having due regard to the traffic, surface and width of the highway and any other conditions then existing, and no person shall drive any vehicle upon a highway at a speed greater than will permit the driver to bring it to a stop within the assured clear distance ahead.

B. Except when a special hazard exists that requires lower speed for compliance with subsection A of this section, the limits specified in this act or established as hereinafter authorized shall be maximum lawful speeds, and no person shall drive a vehicle on a highway at a speed in excess of such maximum limits:

1. Seventy-five (75) miles per hour in locations comprising:
 - a. the turnpike system, and
 - b. rural segments of the interstate highway system, as may be designated by the Transportation Commission. Provided, however, the Commission shall determine prior to the designation of such segments that the public safety will not be jeopardized;
2. Seventy (70) miles per hour in locations which are:
 - a. four-lane divided highways including, but not limited to, the interstate highway system, and
 - b. super two-lane highways. As used in this section, a super two-lane highway shall mean any two-lane highway with designated passing lanes, and consisting of paved shoulders not less than eight (8) feet in width.
3. Sixty-five (65) miles per hour in other locations;
4. No person shall drive a school bus at a speed greater than a maximum of fifty (50) miles per hour except on turnpikes and interstate highways where the maximum shall be sixty-five (65) miles per hour;
5. On any highway outside of a municipality, the speed limit in a properly marked school zone shall be a maximum of twenty-five (25) miles per hour, provided the zone is marked with appropriate warning signs placed in accordance with the latest edition of the Manual on Uniform Traffic Control Devices. The Oklahoma Department of Transportation may determine on the basis of an engineering and traffic investigation that a speed limit higher than twenty-five (25) miles per hour may be reasonable and safe under conditions as they exist upon a highway, and post an alternative school zone speed limit. The Department of Transportation shall mark such school zones, or entrances and exits onto highways by buses or students, so that the maximum speed provided by this section shall be established therein. Exits and entrances to controlled-access highways which are within such school zones shall be marked in the same manner as other highways. The county commissioners shall mark such school zones along the county roads so that the maximum speed provided by this section shall be established therein. Said signs may be either permanent or temporary. The Department of Transportation shall give priority over all other signing projects to the foregoing duty to mark school zones. The Department shall also provide other safety devices for school zones which are needed in the opinion of the Department;
6. No person shall drive any vehicle at a greater maximum speed than twenty-five (25) miles per hour or a posted alternative school zone speed limit through state schools located on the state-owned land adjoining or outside the limits of a corporate city or town where a state educational institution is established;
7. No person shall drive any vehicle on a highway in any state park or wildlife refuge at a rate of speed in excess of thirty-five (35) miles per hour. Provided, however, that the provisions of this

PENDING APPROVAL

section shall not include the State Capitol park area, and no person shall drive any vehicle at a rate of speed in excess of forty-five (45) miles per hour on any state or federal designated highway within such areas; and

8. No person shall drive any vehicle or combination of vehicles with solid rubber or metal tires at a speed greater than the maximum of ten (10) miles per hour.

The maximum speed limits set forth in this act may be altered as authorized in Sections 11-802 and 11-803 of this title.

C. The Transportation Commission is hereby authorized to prescribe maximum and minimum speeds for all vehicles and any combinations of vehicles using controlled-access highways. Such regulations shall become effective after signs have been posted on these highways giving notice thereof. Such regulations may apply to an entirely controlled-access highway or to selected sections thereof as may be designated by the Transportation Commission. It shall be a violation of this section to drive any vehicle at a faster rate of speed than such prescribed maximum or at a slower rate of speed than such prescribed minimum. However, all vehicles shall at all times conform to subsection A of this section.

Copies of such regulations certified as in effect on any particular date by the Secretary of the Transportation Commission shall be accepted as evidence in any court in this state. Whenever changes have been made in speed zones, copies of such regulations shall be filed with the State Commissioner of Public Safety.

D. The driver of every vehicle shall, consistent with the requirements of subsection A of this section, drive at an appropriate reduced speed when approaching and crossing an intersection or railway grade crossing, when approaching and going around a curve, when approaching a hillcrest, when driving upon any narrow or winding roadway, and when special hazard exists with respect to pedestrians or other traffic, or by reason of weather or highway conditions.

E. 1. No person shall drive a vehicle on a county road at a speed in excess of fifty-five (55) miles per hour unless posted otherwise by the board of county commissioners, as provided in subparagraphs a through c of this paragraph, as follows:

- a. the board of county commissioners may determine, by resolution, a maximum speed limit which shall apply to all county roads which are not otherwise posted for speed,
- b. the board of county commissioners shall provide public notice of the speed limit on all nonposted roads by publication in a newspaper of general circulation in the county. The notice shall be published once weekly for a period of four (4) continuous weeks, and
- c. the board of county commissioners shall forward the resolution to the Director of the Department of Transportation and to the Commissioner of Public Safety.

2. The Department of Transportation shall post speed limit information, as determined pursuant to the provisions of subparagraphs a through c of paragraph 1 of this subsection, on the county line marker where any state highway enters a county and at all off-ramps where interstate highways or turnpikes enter a county. The signs shall read as follows:

ENTERING _____ COUNTY
COUNTY ROAD SPEED LIMIT
_____ MPH
UNLESS POSTED OTHERWISE

The appropriate board of county commissioners shall reimburse the Department of Transportation the full cost of the signage required herein.

PENDING APPROVAL

Added by Laws 1961, p. 383, § 11-801, eff. Sept. 1, 1961. Amended by Laws 1969, c. 200, § 1; Laws 1970, c. 336, § 1, emerg. eff. April 23, 1970; Laws 1973, c. 112, § 2; Laws 1996, c. 324, § 1; Laws 1999, c. 145, § 1, eff. Nov. 1, 1999; Laws 1999, c. 299, § 1, eff. Nov. 1, 1999.