

ACTION FORM BRYAN CITY COUNCIL

DATE OF COUNCIL MEETING: April 28, 2015		DATE SUBMITTED: April 13, 2015	
DEPARTMENT OF ORIGIN: Streets & Drainage		SUBMITTED BY: E. Zaragoza	
MEETING TYPE:	CLASSIFICATION:	ORDINANCE:	STRATEGIC INITIATIVE:
<input type="checkbox"/> BCD	<input type="checkbox"/> PUBLIC HEARING	<input type="checkbox"/> 1ST READING	<input checked="" type="checkbox"/> PUBLIC SAFETY
<input type="checkbox"/> SPECIAL	<input type="checkbox"/> CONSENT	<input type="checkbox"/> 2ND READING	<input type="checkbox"/> SERVICE
<input checked="" type="checkbox"/> REGULAR	<input checked="" type="checkbox"/> STATUTORY		<input type="checkbox"/> ECONOMIC DEVELOP.
<input type="checkbox"/> WORKSHOP	<input type="checkbox"/> REGULAR		<input checked="" type="checkbox"/> INFRASTRUCTURE
			<input checked="" type="checkbox"/> QUALITY OF LIFE
AGENDA ITEM DESCRIPTION: Consideration of awarding a construction contract for the 2015 Street Maintenance Concrete Reconstructs, City Project Number 332-D3-1508, to Larry Young Paving, Inc. for the not to exceed amount of \$3,553,119.00.			
<p>SUMMARY STATEMENT: This construction contract consists of concrete street reconstructions throughout the City of Bryan. The Public Works Department has a five-year street maintenance plan that is used as a guide to select street segments in need of replacement, repair or preservation; in addition, this guide assists in coordination of subsurface utility repairs prior to the pavement maintenance work. This contract consists of sixteen (16) streets (5.3 lane miles) receiving concrete pavement replacement. Nine (9) of these sixteen (16) streets are asphalt being replaced in concrete. Since these nine (9) streets are in need of a total reconstruct and not just an overlay, it was determined that replacing the street in concrete is a better alternative than asphalt. Other determining factors which contributed to this decision was the number of single equivalent axle loads the road could handle, proximity to major corridors or thoroughfares, and long term performance of concrete versus asphalt when considering maintenance costs throughout the life cycle of each pavement. Although the upfront cost is greater, when budget allows, concrete streets provide a long-term economic savings, lower maintenance costs and an extended life cycle.</p> <p>Substantial construction efforts such as these are an inconvenience for residents in the area. In an effort to minimize the impact to the residents, staff has put special provisions in the contract requiring streets to be built in half sections at a time, which is in smaller 200-ft segments. This requirement is to help maintain traffic flow, allow for parking, and provide access closer to residents' homes. The contractor will be responsible for notification and any construction updates to residents. The contractor will also be responsible for assisting the Solid Waste Department by relocating all garbage cans to a serviceable location on collection days.</p> <p>In addition, a letter and information will be mailed to impacted customers, prior to construction, with City contact information. Residents may request information or address any concerns with City staff. As staff is made aware of special needs a resident may have, the information will be provided to the contractor. The contractor will then develop a schedule to help lessen the impact to the resident(s). To this same effect, the contract puts limits on the work schedule to prevent construction in residential areas during the holiday season from Thanksgiving to New Year's Day.</p> <p>Two (2) competitive bids were received for this project. Larry Young Paving, Inc. submitted the low bid (\$3,553,119.00) representing the best value to the City. The other bid received was from Brazos Paving Inc. (\$3,690,157.20).</p> <p>In addition, alternate bids (#1 & #2) were received for work that may be performed on Martin Luther King, Jr.</p>			

(MLK) Street. If selected, only one of the two alternates will be completed. Once again, Larry Young Paving, Inc. submitted the low bid (Alternate #1: \$654,062.50 and Alternate #2: \$499,800.00) representing the best value to the City. The other bid received was from Brazos Paving Inc. (Alternate #1: \$660,065.00 and Alternate #2: \$497,280.00). For a number of reasons including future projects that would impact the roadway, consistent look with the corridor, acquisition of property already made, and the need to widen existing drainage structures, staff does not recommend the alternate bid item to rebuild MLK Street in concrete.

Below is a table identifying the contractors and bids received:

	Larry Young Paving	Brazos Paving
Original Bid	\$3,553,119	\$3,690,157.20
Alternate Bid #1	\$654,062.50	\$660,065.00
Alternate Bid #2	\$499,800.00	\$497,280.00
Total (with Alternate #1)	\$4,207,181.50	\$4,350,222.20
Total (with Alternate #2)	\$4,052,919.00	\$4,187,437.20

STAFF ANALYSIS AND RECOMMENDATION: Staff recommends awarding the construction contract for the 2015 Street Maintenance Concrete Reconstructs Project, City Project Number 332-D3-1508, to Larry Young Paving, Inc. for the not to exceed amount of \$3,553,119.00. The Public Works Department has collaborated on the selection of street segments based on the age and condition of the streets, work orders submitted by residents, and the condition of subsurface utilities in order to use Transportation Fee Funds most efficiently.

OPTIONS (In Suggested Order of Staff Preference):

1. Award the construction contract.
2. Award construction contract with an alternate bid.
3. Do not award the construction contract and provide direction to staff.

ATTACHMENTS:

- A. Bid Summary
- B. Street List
- C. Alternate Bid Summary 1 & 2 (MLK Street Options)
- D. Contract (not attached but is available in the City Secretary's Office)

FUNDING SOURCE: Transportation Fee - Fund 240 - \$3,553,119.00 (budgeted expense)

APPROVALS: Hugh R. Walker, 04/20/2015

APPROVED FOR SUBMITTAL: CITY MANAGER Kean Register, 04/20/2015

APPROVED FOR SUBMITTAL: CITY ATTORNEY Janis K. Hampton, 04/20/2015

ATTACHMENT A



**City of Bryan - Purchasing Department
Bid Tabulation for RFB #15-033**

4/6/15 2:00 PM

All bids submitted are reflected on this bid tab sheet. However, the listing of a bid should not be construed as any indication that the City accepts such bid as responsive. The City will notify the successful bidder upon award of contract.

				Larry Young Paving	Brazos Paving Inc.			
# of Copies (1 complete original)				Y	Y			
Executed 5% Bidder's Bond (Y/N)				Y	Y			
Certification of Bid (Y/N)				Y	Y			
Acknowledged Addendum #1 & 2 (Y/N)				Y	Y			
Felony Conviction Notification (Y/N)				Y	Y			
ITEM	QTY	UNIT	DESCRIPTION	BID AMOUNT		BID AMOUNT		
Base Bid								
1	1	LS	Mobilization	\$250,000.00	\$250,000.00	\$287,568.00	\$287,568.00	
2	1	LS	Traffic Control per MUTCD	\$65,000.00	\$65,000.00	\$56,685.00	\$56,685.00	
3	36,000	SY	Remove Existing Concrete Pavement	\$9.00	\$324,000.00	\$9.75	\$351,000.00	
4	11,000	SY	Remove Existing Asphalt Pavement & Base Material	\$4.00	\$44,000.00	\$5.75	\$63,250.00	
5	2,000	LF	Remove concrete curb & gutter from existing asphalt streets	\$7.00	\$14,000.00	\$6.50	\$13,000.00	
6	39,000	SY	Stabilize 6" depth subgrade w/ 6% lime & recompact	\$9.00	\$351,000.00	\$10.30	\$401,700.00	
7	23,000	SY	Concrete pavement (8" thick w/ #4 bar 18"OCEW, 3500 psi)	\$46.50	\$1,069,500.00	\$44.75	\$1,029,250.00	
8	24,000	SY	Concrete pavement (6" thick w/ #4 bar 18"OCEW, 3500 psi)	\$41.50	\$996,000.00	\$40.20	\$964,800.00	
9	8,000	SY	Remove unsuitable material and stabilize 6" depth subgrade w/cement stabilized sand	\$12.00	\$96,000.00	\$12.40	\$99,200.00	
10	2,000	LF	Replace sections of concrete curb & gutter to provide positive drainage	\$12.00	\$24,000.00	\$28.60	\$57,200.00	
11	3,000	SY	Concrete flatwork driveways (4" w/#4 bar 18"OCEW, 3000 psi)	\$42.00	\$126,000.00	\$40.50	\$121,500.00	



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12	1,000	SY	Concrete driveways, match existing exposed aggregate (4" w/#4 bar 18"OCEW, 3000 psi)	\$42.00	\$42,000.00	\$49.50	\$49,500.00
13	1	EA	Furnish & Install Sewer Service Lines w/ PVC Pipe within ROW for damaged services	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
14	1	EA	Furnish & Install 1" Type K Copper Tubing Water Service Connection; backfill	\$1,250.00	\$1,250.00	\$2,400.00	\$2,400.00
15	10	EA	Adjust manhole to grade w/ riser ring - 24" diameter	\$300.00	\$3,000.00	\$350.00	\$3,500.00
16	15	EA	Adjust manhole to grade w/ riser ring - 32" diameter	\$300.00	\$4,500.00	\$400.00	\$6,000.00
17	1	EA	Rebuild top of manhole to fit 24" diameter	\$400.00	\$400.00	\$1,200.00	\$1,200.00
18	1	EA	Rebuild top of manhole to fit 32" diameter	\$400.00	\$400.00	\$1,400.00	\$1,400.00
19	15	EA	Adjust standard valve box to grade	\$150.00	\$2,250.00	\$250.00	\$3,750.00
20	15	EA	Replace valve box w/ standard at grade	\$250.00	\$3,750.00	\$400.00	\$6,000.00
21	36	LF	Install 18" RCP to grade	\$150.00	\$5,400.00	\$70.00	\$2,520.00
22	30,000	LF	Block Sod consistent w/ existing yard	\$2.00	\$60,000.00	\$1.68	\$50,400.00
23	30	EA	Vehicle Relocation Reimbursement Dollars	\$45.00	\$1,350.00	\$1.00	\$30.00
24	10,000	SY	Select Fill (Ditches)	\$1.50	\$15,000.00	\$6.25	\$62,500.00
25	8,300	LF	Type 1 Thermoplastic ReflectORIZED Pavement Markings (Y) (4") Double yellow	\$2.40	\$19,920.00	\$2.85	\$23,655.00
26	700	LF	Type 1 Thermoplastic ReflectORIZED Pavement Markings (W) (24") Stop Bar	\$12.00	\$8,400.00	\$12.85	\$8,995.00



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27	120	LF	Type 1 Thermoplastic ReflectORIZED School Zone Pavement Markings (W)	\$5.00	\$600.00	\$9.30	\$1,116.00
28	300	LF	Type 1 Thermoplastic ReflectORIZED Cross Walk Long Lines Pavement Markings (W) (12")	\$7.50	\$2,250.00	\$5.70	\$1,710.00
29	160	LF	Type 1 Thermoplastic ReflectORIZED Pavement Markings (W) (4") (SLD)	\$2.40	\$384.00	\$1.70	\$272.00
30	600	LF	Type 1 Thermoplastic ReflectORIZED Pavement Markings (W) (8") (SLD)	\$5.00	\$3,000.00	\$2.75	\$1,650.00
31	40	EA	Type 1 Thermoplastic ReflectORIZED Pavement Markings (W) (Yeild triangels)	\$93.00	\$3,720.00	\$64.00	\$2,560.00
32	2	EA	Type 1 Thermoplastic ReflectORIZED Pavement Markings (W) (R Arrows)	\$270.00	\$540.00	\$330.00	\$660.00
33	4	EA	Type 1 Thermoplastic ReflectORIZED Pavement Markings (W) (ONLY)	\$360.00	\$1,440.00	\$431.00	\$1,724.00
34	5	EA	Type 1 Thermoplastic ReflectORIZED Pavement Markings (W) (TR Thru Arrows)	\$360.00	\$1,800.00	\$353.00	\$1,765.00
35	7	EA	Type 1 Thermoplastic ReflectORIZED Pavement Markings (W) (L Arrows)	\$270.00	\$1,890.00	\$330.00	\$2,310.00
36	145	EA	Type 1 Thermoplastic ReflectORIZED Cross Walk vertical Pavement Markings (W) (12"X 6')	\$45.00	\$6,525.00	\$36.00	\$5,220.00
37	3	EA	Type 1 Thermoplastic ReflectORIZED Pavement Markings Rail Road crossing	\$450.00	\$1,350.00	\$722.40	\$2,167.20
Base Bid				\$3,553,119.00		\$3,690,157.20	

ATTACHMENT B**STREET LIST**

SMD	ROAD NAME	FROM	TO
4	CROSSWIND	SH21	COUNTY MAINTENANCE
2	OKLAHOMA	RUSSELL DR	MCHANEY
2	OKLAHOMA	RUSSELL DR	WILHELM DR
2	ALABAMA	MCHANEY DR	RUSSELL DR
2	ALABAMA	RUSSELL DR	WILHELM DR
2	GEORGIA AVE	RUSSELL DR	WILHELM DR
2	GEORGIA AVE	MCHANEY DR	RUSSELL DR
1	MCCULLOCH ST	SANDY POINT	SAUNDERS
1	24TH	SH21	MCCULLOCH ST
1	N CONGRESS	W WJB	W 24TH
1	DODGE	FINFEATHER	S COLLEGE
1	HOMESTEAD	TX AVE	WASHINGTON AVE
4	LUZA	E 29TH	800 FEET EAST
5	BROOKSIDE CONCRETE	FIFTH	S. COLLEGE
5	CAVITT	END OF CAVITT	E. BROOKSIDE
5	SULPHUR SPRINGS	S. COLLEGE	CAVITT
5	SULPHUR SPRINGS	CAVITT	TEXAS AVE
4	BROOK LN	S TEXAS AVE	EAGLE PASS ST
4	BROOK LN	EAGLE PASS ST	MEADOW LN
4	EAGLE PASS	S TEXAS AVE	MEADOW LN
4	MEADOW LN	S TEXAS AVE.	PAVEMENT CHANGE



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Larry Young Paving

Brazos Paving Inc.

ALTERNATE BID ITEM 1:							
1	8750	SY	Remove Existing Asphalt Pavement	\$4.00	\$35,000.00	\$9.75	\$85,312.50
2	8750	SY	Stabilize 6-inch depth subgrade with 6% lime and recompact	\$9.00	\$78,750.00	\$10.25	\$89,687.50
3	10500	SY	Concrete pavement (8-inches thick with #4 bar 18"OCEW, 3500 psi)	\$46.50	\$488,250.00	\$45.10	\$473,550.00
4	2450	LF	Fill in ditch with select fill	\$15.75	\$38,587.50	\$2.70	\$6,615.00
5	2450	LF	Reestablish ditch line 4 feet wide for positive flow	\$5.50	\$13,475.00	\$2.00	\$4,900.00
Alternate Bid Item 1 Total:				\$654,062.50		\$660,065.00	
ALTERNATE BID ITEM 2:							
1	8400	SY	Remove Existing Asphalt Pavement	\$4.00	\$33,600.00	\$3.50	\$29,400.00
2	8400	SY	Stabilize 6-inch depth subgrade with 6% lime and recompact	\$9.00	\$75,600.00	\$10.25	\$86,100.00
3	8400	SY	Concrete pavement (8-inches thick with #4 bar 18"OCEW, 3500 psi)	\$46.50	\$390,600.00	\$45.45	\$381,780.00
Alternate Bid Item 2 Total:				\$499,800.00		\$497,280.00	

Brazos Paving Inc. mis-calculated Base Bid Total as \$3,691,127.20. Cost above represent correct amount.