



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: April 27, 2018

TO: Owosso City Council

FROM: Glenn Chinavare, Director of Public Services & Utilities

SUBJECT: Setting Public Hearing for Special Assessment Roll for Gould Street, Monroe Street, McMillan Avenue, Industrial Drive, South Street, and all abutting properties: Infrastructure and Access Enhancements

RECOMMENDATION:

City staff recommends approval of Resolution No. 4 which sets the second public hearing for the proposed resurfacing of Gould Street, Monroe Street, McMillan Avenue, Industrial Drive, South Street, and all abutting properties within Special assessment District No. 2018-09.

BACKGROUND:

This public hearing is intended to provide affected residents with the opportunity to comment regarding their individual assessments.

Step Four/Resolution No. 4 takes place after the bids are received. Estimated assessment amounts are adjusted if necessary to reflect the actual cost as dictated by the bids received. A second public hearing is set to allow property owners to comment on their particular assessment. Each property owner is sent a second notice containing the date and time of the public hearing and the amount of the proposed assessment for their property. City Council sets the second public hearing for Monday, May 21, 2018.

Step Five/Resolution No. 5 documents the second public hearing, finalizes the special assessment roll and sets the terms of payment. This public hearing is designed to allow affected citizens the opportunity to argue whether or not the amount of their assessment is fair and equitable in relation to the benefit they receive from the project. If, after hearing citizen comment, the council decides adjustments need to be made to the assessment roll they may do so. Alternately, if it is felt all the assessments are fair and equitable the resolution may be passed as written.

Tonight the council will be considering Resolution No. 4 for the proposed district as a part of the Consent Agenda. Staff recommends authorization of Resolution No. 4 setting a public hearing for Monday, May 21, 2018 to receive citizen comment regarding the proposed special assessment roll for the following public improvement:

Gould Street, Public Street, from Monroe Street to Corunna Avenue	Infrastructure and Access
Monroe Street, Public Street, from Gould Street to McMillan Avenue	Infrastructure and Access
McMillan Avenue, Public Street, from Monroe Street to south end	Infrastructure and Access
Industrial Drive, Public Street, from McMillan Avenue to Aiken Road	Infrastructure and Access
South Street, Public Street, from McMillan Avenue to Aiken Road	Infrastructure and Access

Attachment(s): Resolution No. 4 for Special Assessment District No. 2018-09
Special Assessment Roll for Special Assessment District No. 2018-09

RESOLUTION NO.

**SPECIAL ASSESSMENT RESOLUTION NO. 4
SETTING A PUBLIC HEARING
TO RECEIVE COMMENT REGARDING
SPECIAL ASSESSMENT DISTRICT NO. 2018-09**

WHEREAS, the Assessor has prepared a special assessment roll for the purpose of specially assessing that portion of the cost of the public improvements more particularly hereinafter described to the properties specially benefited by said public improvement, and the same has been presented to the Council by the City Clerk.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Said special assessment roll is hereby accepted and shall be filed in the office of the City Clerk for public examination.
2. The Council shall meet at the Owosso City Hall, Owosso, Michigan at 7:30 o'clock p.m., on Monday, May 21, 2018 for the purpose of hearing all persons interested in said special assessment roll and reviewing the same.
3. The City Clerk is directed to publish the notice of said hearings once in the *Argus Press*, the official newspaper of the City of Owosso, not less than ten (10) days prior to said hearing and shall further cause notice of said hearing to be sent by first class mail to each owner of the property subject to assessment, as indicated by the records in the City Assessor's office as shown on the general tax rolls of the City, at least ten (10) days before the time of said hearing, said notice to be mailed to the addresses shown on said general tax rolls of the City.
4. The notice of said hearing to be published and mailed shall be in substantially the following form:

**NOTICE OF HEARING
TO REVIEW SPECIAL ASSESSMENT ROLL
CITY OF OWOSSO, COUNTY OF SHIAWASSEE, MICHIGAN**

TO THE OWNERS OF THE FOLLOWING DESCRIBED PROPERTY:

**Gould Street, Public Street, from Monroe Street to Corunna Avenue
Monroe Street, Public Street, from Gould Street to McMillan Avenue
McMillan Avenue, Public Street, from Monroe Street to south end of street
Industrial Drive, Public Street, from McMillan Avenue to Aiken Road
South Street, Public Street, from McMillan Avenue to Aiken Road**

TAKE NOTICE that a Special Assessment roll has been prepared for the purpose of defraying the Special Assessment district's share of the cost of the following described improvements:

Infrastructure and Access Enhancements

The said Special Assessment roll is on file for public examination with the City Clerk and any objections to said Special Assessment roll must be filed in writing with the City Clerk prior to the close of the hearing to review said Special Assessment roll.

TAKE FURTHER NOTICE that appearance and protest at this hearing is required in order to appeal the amount of the special assessment to the State Tax Tribunal if an appeal should be desired. A property owner or party in interest, his or her agent, may appear in person at the hearing to protest the special assessment or may file his or her appearance by letter and his or her personal appearance shall not be required. The property owner or any person having an interest in the property subject to the proposed

special assessments may file a written appeal of the special assessment with the State Tax Tribunal within thirty days after confirmation of the special assessment roll if that special assessment was protested at this hearing.

TAKE FURTHER NOTICE that the City Council will meet at the Owosso City Hall, Owosso, Michigan at 7:30 p.m. on Monday, May 21, 2018 for the purpose of reviewing said special assessment roll and for the purpose of considering all objections to said roll submitted in writing.

**INDUSTRIAL PARK CONNECTOR PROJECT
SPECIAL ASSESSMENT DISTRICT NO. 2018-09
ASSESSMENT ROLL**

Parcel Number	Address	PARCEL ACRES	Parcel Sft	CLASS	STATUS	FRONTAGE FEET	Land Value	Building Value	Total Value	TIER BENEFIT	Owner	PAVEMENT ENHANCEMENT	INFRASTRUCTURE AND ACCESS ENHANCEMENT	TOTAL ENHANCEMENT UNADJUSTED	CAPPED AMOUNT	TOTAL ENHANCEMENT ADJUSTED
GOULD STREET LIST																
011-021-005	520 S Gould St	1.77	77,101.20	INDUSTRIAL	IMPROVED	311.49	\$ 15,500.00	\$ 210,200.00	\$ 225,700.00	1	Christian and Brenda Bertram	\$14,677.41	\$ 9,097.94	\$ 23,775.35	\$ 38,750.00	\$23,775.35
011-021-002	S Gould St	0.49	21,344.40	EXEMPT	VACANT	158.43	\$ 3,628.55	\$ -	\$ 3,628.55	1	City of Owosso	\$7,465.22	\$ 2,518.64	\$ 9,983.86	\$ -	\$0.00
010-022-001	525 S Gould	1.93	84,070.80	INDUSTRIAL	IMPROVED	350.00	\$ 16,900.00	\$ 193,900.00	\$ 210,800.00	1	Alliance-HNI, LLC	\$16,492.00	\$ 9,920.35	\$ 26,412.35	\$ 42,250.00	\$26,412.35
542-000-047	S Gould St	0.34	14,810.40	OTHER	VACANT	50.00	\$ 2,517.77	\$ -	\$ 2,517.77	1	Huron & Eastern Railway Co., Inc	\$2,356.00	\$ -	\$ 2,356.00	\$ 6,294.42	\$2,356.00
542-000-048	S Gould St	0.68	29,581.00	OTHER	VACANT	75.00	\$ 5,028.77	\$ -	\$ 5,028.77	1	Huron & Eastern Railway Co., Inc	\$3,534.00	\$ -	\$ 3,534.00	\$ 12,571.93	\$3,534.00
010-011-002	RR ROW	0.46	20,037.60	OTHER	VACANT	50.00	\$ 3,406.39	\$ -	\$ 3,406.39	1	Huron & Eastern Railway Co., Inc	\$2,356.00	\$ -	\$ 2,356.00	\$ 8,515.98	\$2,356.00
010-011-003	RR ROW	*0.00	*0.00	OTHER	VACANT	75.00	\$ -	\$ -	\$ -	1	Huron & Eastern Railway Co., Inc	\$3,534.00	\$ -	\$ 3,534.00	\$ 18,344.36	\$3,534.00
		5.67														
MONROE STREET LIST																
010-010-001	Monroe St	1.56	40,152.59	INDUSTRIAL	VACANT	723.47	\$ 6,825.94	\$ -	\$ 6,825.94	1	Consumers Energy, Co	\$ 100,894.43	\$ -	\$ 100,894.43	\$ 17,064.85	\$17,064.85
542-000-048	S Gould St	*0.00	*0.00	OTHER	VACANT	32.59	\$ -	\$ -	\$ -	1	Huron & Eastern Railway Co., Inc	\$ 4,544.65	\$ -	\$ 4,544.65	\$ 12,571.93	\$4,544.65
010-011-003	RR ROW	0.39	51,478.50	OTHER	VACANT	686.38	\$ 8,751.35	\$ -	\$ 8,751.35	1	Huron & Eastern Railway Co., Inc	\$ 95,722.21	\$ -	\$ 95,722.21	\$ 14,810.36	\$14,810.36
		1.95														
MCMILLAN AVENUE LIST																
010-012-001	1175 Farr Ave	1.13	49,222.80	EXEMPT	VACANT	296.25	\$ 8,367.88	\$ -	\$ 8,367.88	1	City of Owosso	\$ 35,810.70	\$ 5,808.29	\$ 41,618.99	\$ -	\$0.00
010-011-001	1400 Monroe St	2.76	120,225.60	INDUSTRIAL	IMPROVED	391.20	\$ 30,300.00	\$ 563,400.00	\$ 593,700.00	1	Tri-Mer	\$ 47,288.26	\$ 14,186.62	\$ 61,474.88	\$ 75,750.00	\$61,474.88
010-007-003	700 McMillan	3.11	135,471.60	INDUSTRIAL	IMPROVED	166.50	\$ 27,300.00	\$ 133,200.00	\$ 160,500.00	1	Tri-Mer	\$ 20,126.52	\$ 15,985.65	\$ 36,112.17	\$ 68,250.00	\$36,112.17
010-008-002	705 McMillan	2.10	91,476.00	INDUSTRIAL	IMPROVED	206.85	\$ 22,100.00	\$ 1,254,800.00	\$ 1,276,900.00	1	Ruess Winchester, Inc	\$ 25,004.03	\$ 10,794.17	\$ 35,798.20	\$ 55,250.00	\$35,798.20
010-008-001	745 McMillan	6.39	278,348.40	INDUSTRIAL	IMPROVED	39.30	\$ 30,800.00	\$ 974,100.00	\$ 1,004,900.00	1	Tri-Mer	\$ 4,750.58	\$ 32,845.11	\$ 37,595.69	\$ 77,000.00	\$37,595.69
010-010-001	McMillan Ave	*0.00	*0.00	INDUSTRIAL	VACANT	55.50	\$ -	\$ -	\$ -	1	Consumers Energy, Co	\$ 6,708.84	\$ -	\$ 6,708.84	\$ -	\$0.00
010-010-001	McMillan Ave	*0.00	*0.00	INDUSTRIAL	VACANT	55.50	\$ -	\$ -	\$ -	1	Consumers Energy, Co	\$ 6,708.84	\$ -	\$ 6,708.84	\$ -	\$0.00
010-006-001	Farr Ave	8.34	363,290.40	EXEMPT	VACANT	0.00	\$ 61,759.37	\$ -	\$ -	2	City of Owosso	\$ -	\$ 42,868.27	\$ 42,868.27	\$ -	\$0.00
010-007-002	780 McMillan	2.02	87,991.20	INDUSTRIAL	IMPROVED	0.00	\$ 17,700.00	\$ 80,300.00	\$ 98,000.00	2	Thomas Simmington, LLC	\$ -	\$ 10,382.96	\$ 10,382.96	\$ 44,250.00	\$10,382.96
553-000-001	1370 E South St	6.20	270,072.00	INDUSTRIAL	IMPROVED	0.00	\$ 40,800.00	\$ 142,100.00	\$ 182,900.00	2	Industrial Real Estate Company, LLC	\$ -	\$ 31,868.50	\$ 31,868.50	\$ 102,000.00	\$31,868.50
553-000-002	McMillan	0.75	32,670.00	EXEMPT	VACANT	0.00	\$ 40,800.00	\$ -	\$ 40,800.00	2	City of Owosso	\$ -	\$ 3,855.06	\$ 3,855.06	\$ -	\$0.00
553-000-003	1470 McMillan	5.00	217,800.00	INDUSTRIAL	IMPROVED	0.00	\$ 32,900.00	\$ 283,300.00	\$ 316,200.00	2	DAC Holdings LLC	\$ -	\$ 25,700.40	\$ 25,700.40	\$ 82,250.00	\$25,700.40
553-000-008	1500 McMillan	1.69	73,616.40	INDUSTRIAL	IMPROVED	0.00	\$ 14,800.00	\$ 64,500.00	\$ 79,300.00	2	Glenn Barnes	\$ -	\$ 8,686.74	\$ 8,686.74	\$ 37,000.00	\$8,686.74
553-000-009	McMillan	2.16	94,089.60	EXEMPT	VACANT	0.00	\$ 15,995.23	\$ -	\$ 15,995.23	2	City of Owosso	\$ -	\$ 11,102.57	\$ 11,102.57	\$ -	\$0.00
480-000-002	1400 McMillan	2.25	98,010.00	COMMERCIAL	IMPROVED	0.00	\$ 14,800.00	\$ 10,900.00	\$ 25,700.00	2	David and Richa Stechschulte	\$ -	\$ 11,565.18	\$ 11,565.18	\$ 37,000.00	\$11,565.18
480-000-001	1450 E South St	0.67	29,054.52	COMMERCIAL	IMPROVED	0.00	\$ 5,900.00	\$ 42,900.00	\$ 48,800.00	2	Michael and Cheryl Brown	\$ -	\$ 3,428.43	\$ 3,428.43	\$ 14,750.00	\$3,428.43
480-000-004	1555 Industrial Dr	5.98	260,488.80	EXEMPT	IMPROVED	0.00	\$ -	\$ 136,900.00	\$ 136,900.00	2	Shiawassee County	\$ -	\$ 30,737.68	\$ 30,737.68	\$ -	\$0.00
480-000-011	E South St	0.15	6,480.00	EXEMPT	VACANT	0.00	\$ 1,101.60	\$ -	\$ 1,101.60	2	City of Owosso	\$ -	\$ 764.64	\$ 764.64	\$ -	\$0.00
480-000-006	1650 E South St	2.65	115,434.00	INDUSTRIAL	IMPROVED	0.00	\$ 23,200.00	\$ 86,900.00	\$ 110,100.00	2	Rivers Properties, LLC	\$ -	\$ 13,621.21	\$ 13,621.21	\$ 58,000.00	\$13,621.21
480-000-012	E South St	0.19	8,100.00	EXEMPT	VACANT	0.00	\$ 1,377.00	\$ -	\$ 1,377.00	2	City of Owosso	\$ -	\$ 955.80	\$ 955.80	\$ -	\$0.00
480-000-009	1750 E South St	2.88	125,452.80	COMMERCIAL	IMPROVED	0.00	\$ 25,300.00	\$ 163,100.00	\$ 188,400.00	2	OLM Enterprises	\$ -	\$ 14,803.43	\$ 14,803.43	\$ 63,250.00	\$14,803.43
480-000-003	McMillan	1.03	44,866.80	COMMERCIAL	VACANT	0.00	\$ 14,900.00	\$ -	\$ 14,900.00	2	David and Richa Stechschulte	\$ -	\$ 5,294.28	\$ 5,294.28	\$ 37,250.00	\$5,294.28
480-000-010	Industrial Dr	1.03	44,866.80	COMMERCIAL	VACANT	0.00	\$ 15,000.00	\$ -	\$ 15,000.00	2	Michael and Cheryl Brown	\$ -	\$ 5,294.28	\$ 5,294.28	\$ 37,500.00	\$5,294.28
480-000-007	1655 Industrial Dr	2.99	130,244.40	INDUSTRIAL	IMPROVED	0.00	\$ 26,200.00	\$ 180,000.00	\$ 206,200.00	2	MRM Industries	\$ -	\$ 15,368.84	\$ 15,368.84	\$ 65,500.00	\$15,368.84
480-000-008	1070 Aiken Rd	2.88	125,452.80	INDUSTRIAL	IMPROVED	0.00	\$ 11,400.00	\$ 78,900.00	\$ 90,300.00	2	M & S Properties, LLC	\$ -	\$ 14,803.43	\$ 14,803.43	\$ 28,500.00	\$14,803.43
553-000-005	1550 Industrial Dr	7.00	304,920.00	INDUSTRIAL	IMPROVED	0.00	\$ 46,000.00	\$ 495,500.00	\$ 541,500.00	2	Industrial Real Estate Company, LLC	\$ -	\$ 35,980.56	\$ 35,980.56	\$ 115,000.00	\$35,980.56
553-000-006	1650 Industrial Dr	5.31	231,303.60	INDUSTRIAL	IMPROVED	0.00	\$ 35,900.00	\$ 241,600.00	\$ 277,500.00	2	Yolt Holdings, LLC	\$ -	\$ 22,793.82	\$ 22,793.82	\$ 89,750.00	\$22,793.82
553-000-004	1150 Aiken Rd	4.43	192,970.80	INDUSTRIAL	IMPROVED	0.00	\$ 29,100.00	\$ 132,900.00	\$ 162,000.00	2	Yolt Holdings, LLC	\$ -	\$ 22,770.55	\$ 22,770.55	\$ 72,750.00	\$22,770.55
		81.08	3,870,495.81				\$ 656,359.84	\$ 5,469,400.00	\$ 6,064,000.47			\$ 397,973.69	\$ 438,303.41	\$ 836,277.10		\$516,231.13

CITY PROPERTY \$ 141,886.87

NOTES:

* DENOTES ADJUSTED ENTRY FOR REDUNDANT PARCEL NUMBER

TOTAL BENEFIT-GOULD STREET	\$61,967.71
TOTAL BENEFIT-MONROE STREET	\$36,419.86
TOTAL BENEFIT-MCMILLAN AVE	\$417,843.56
	\$516,231.13

**GOULD ST
FROM MONROE TO M-71
PAVEMENT ENHANCEMENT CALCULATIONS**

GOULD STREET FROM MONROE STREET TO M-71 (CORUNNA AVENUE)

P1

WEST SIDE

ADDRESS NO.	STREET	ROLL NUMBER		FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	ASSESSMENT RATE	AMOUNT OF ASSESSMENT	
	S Gould St	011-021-002	CITY OWNED	158.43	1	158.43	\$47.12	\$7,465.22	Exempt
520	S Gould St	011-021-005		311.49	1	311.49	\$47.12	\$14,677.41	Commercial
	S Gould St	542-000-047	RR ROW	50	1	50	\$47.12	\$2,356.00	
	S Gould St	542-000-048	RR ROW	100	0.75	75	\$47.12	\$3,534.00	
				619.92		594.92		\$28,032.63	

GOULD ST FROM M-71 TO MONROE

EAST SIDE

ADDRESS NO.	STREET	ROLL NUMBER		FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	
525	S Gould St	010-022-001		350	1	350	\$47.12	\$16,492.00	Commercial
	S Gould St	010-011-002	RR ROW	50	1	50	\$47.12	\$2,356.00	
	S Gould St	010-011-003	RR ROW	100	0.75	75	\$47.12	\$3,534.00	
				500		475		\$22,382.00	

TOTAL FRONTAGE BENEFITED:

1119.92

TOTAL ASSESSMENT-PAVEMENT

\$50,414.63

ENGINEER'S ESTIMATE OF PROBABLE COST

\$137,048.40

TOTAL PAVEMENT ENHANCEMENT (UNADJUSTED)

\$52,770.72

ESTABLISH RATE FOR ASSESSMENT \$/FOOT FRONTAGE:

TOTAL FRONTAGE BENEFITED: ADDITIVE EAST AND WEST SIDES OR (619.72 FT + 500.00 FT)

1119.92 FT

ASSESSMENT RATE: PAVEMENT ENHANCEMENT/FRONTAGE OR (\$52,770.72/1119.92 FEET)

\$47.12

**MONROE ST
FROM GOULD TO McMILLAN
PAVEMENT ENHANCEMENT CALCULATIONS**

MONROE STEET FROM GOULD STREET TO MCMILLAN AVENUE
NORTH SIDE

P1

ADDRESS NO.	STREET	ROLL NUMBER		FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT
	S Gould St	542-000-048	RR ROW	43.45	0.75	32.5875	\$139.46	\$4,544.65
		010-011-003	RR ROW	915.17	0.75	686.3775	\$139.46	\$95,722.21
				958.62		718.965		\$100,266.86

MONROE ST FROM GOULD TO MCMILLAN
SOUTH SIDE

ADDRESS NO.	STREET	ROLL NUMBER		FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT
	Monroe St	010-010-001	Consumers ROW	964.62	0.75	723.465	\$139.46	\$100,894.43
				964.62		723.465		\$100,894.43

TOTAL FRONTAGE BENEFITED: 1923.24

TOTAL ASSESSMENT-PAVEMENT \$201,161.29

ENIGNEER'S ESTIMATE OF PROBABLE COST \$677,688.00
TOTAL PAVEMENT ENHANCEMENT (UNADJUSTED) \$268,206.72

ESTABLISH RATE FOR ASSESSMENT \$/FOOT FRONTAGE:

TOTAL FRONTAGE BENEFITED: ADDITIVE NORTH AND SOUTH SIDES OR (958.62 FT + 964.62 FT) 1923.24 FT
ASSESSMENT RATE \$/FOOT: PAVEMENT ENHANCEMENT/FRONTAGE OR (\$268,206.72/1923.24 FT) \$139.46

**McMILLAN AVE
FROM MONROE SOUTHERLY 750'
PAVEMENT ENHANCEMENT CALCULATIONS**

MCMILLAN AVENUE FROM MONROE STREET SOUTHERLY 750'
WEST SIDE

P1

ADDRESS NO.	STREET	ROLL NUMBER		FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	ASSESSMENT RATE	AMOUNT OF ASSESSMENT	
	Monroe St	010-010-001	Consumers ROW	74	0.75	55.5	\$120.88	\$6,708.84	Commercial
1175	Farr Ave	010-012-001	City Owned	395	0.75	296.25	\$120.88	\$35,810.70	Exempt
700	McMillan	010-007-003		222	0.75	166.5	\$120.88	\$20,126.52	Commercial
				691		518.25		\$62,646.06	

**010-007-003 Total Frontage is 458. 222 ft used for assessment due to project stoping in the middle of the property.

MCMILLAN FROM MONROE TO FARR
EAST SIDE

ADDRESS NO.	STREET	ROLL NUMBER		FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	
	Monroe St	010-010-001	Consumers ROW	74	0.75	55.5	\$120.88	\$6,708.84	Commercial
1400	Monroe St	010-011-001		391.2	1	391.2	\$120.88	\$47,288.26	Commercial
745	McMillan	010-008-001		39.3	1	39.3	\$120.88	\$4,750.58	Commercial
705	McMillan	010-008-002		206.85	1	206.85	\$120.88	\$25,004.03	Commercial
				711.35		692.85		\$83,751.71	

TOTAL FRONTAGE BENEFITED: 1402.35

TOTAL ASSESSMENT-PAVEMENT \$146,397.77

ENIGNEER'S ESTIMATE OF PROBABLE COST \$429,664.80
TOTAL PAVEMENT ENHANCEMENT (UNADJUSTED) \$169,514.88

ESTABLISH RATE FOR ASSESSMENT \$/FOOT FRONTAGE:

TOTAL FRONTAGE BENEFITED: ADDITIVE EAST AND WEST SIDES OR (691.00 FT + 711.35 FT) 1402.35 FT
ASSESSMENT RATE: PAVEMENT ENHANCEMENT/FRONTAGE OR (\$169,514.88/1402.35 FEET) \$120.88

**INDUSTRIAL PARK CONNECTOR PROJECT
INFRASTRUCTURE ACCESS ENHANCEMENT CALCULATION**

1-May-18

PROJECT SUMMARY OF COSTS AND FUNDING SUPPORT

UNADJUSTED ESTIMATED COSTS FROM ENGINEER'S ESTIMATE SHEETS:

STREET SEGMENT	TOTAL PROJECT AMOUNT	CITY AT LARGE	PAVEMENT ENHANCEMENT	INFRASTRUCTURE/ACCESS ENHANCEMENT
GOULD STREET	\$ 137,048.40	\$ 34,902.96	\$ 52,770.72	\$ 49,374.72
MONROE STREET	\$ 677,688.00	\$ 148,089.60	\$ 268,206.72	\$ 261,391.68
MCMILLAN AVENUE	\$ 429,664.80	\$ 115,313.28	\$ 169,514.88	\$ 144,836.64
TOTALS	\$ 1,244,401.20	\$ 298,305.84	\$ 490,492.32	\$ 455,603.04

CALCULATING INFRASTRUCTURE & ACCESS BENEFIT FACTOR:

TOTAL SPECIAL ASSESSMENT DISTRICT AREA	3,870,495.81	SFT
TOTAL ENHANCEMENT AMOUNT (VALUE FROM CELL E10)	\$ 455,603.04	
SPECIAL BENEFIT FACTOR (CELL B14/B13)	0.118	THIS FACTOR USED ON SPREADSHEET FOR CALCULATING INFRASTRUCTURE AND ACCESS ENHANCEMENT

ADJUSTED ESTIMATED COSTS FROM SPREADSHEET:

FUNDING SOURCES	AMOUNTS	PROPORTION
TEDF-A GRANT	\$ 325,000.00	26.11%
SPECIAL ASSESSMENT GOULD	\$ 61,967.71	4.98%
SPECIAL ASSESSMENT MONROE	\$ 36,419.86	2.93%
SPECIAL ASSESSMENT MCMILLAN, INDUSTRIAL, SOUTH	\$ 417,843.56	33.58%
CITY BOND	\$ 403,170.07	32.40%
	<u>\$ 1,244,401.20</u>	100.00%

**GOULD STREET
ENGINEER'S ESTIMATE USING CONTRACTOR BID PRICES**

1-May-18

ENGINEER'S ESTIMATE OF PROBABLE COST FOR GOULD STREET, MONROE STREET TO M-71

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	ELIGIBLE AMOUNT	INFRASTRUCTURE AND ACCESS ENHANCEMENT		CITY AT LARGE	
						PAVEMENT ENHANCEMENT	AND ACCESS ENHANCEMENT		
MOBILIZATION	LSUM	1	\$ 13,600.00	\$ 13,600.00	\$ 11,968.00	\$ 4,787.20	\$ 4,787.20	\$ 4,025.60	
CURB AND GUTTER, REM	FEET	528	\$ 9.00	\$ 4,752.00	\$ 4,752.00	\$ 1,900.80	\$ 1,900.80	\$ 950.40	
SIDEWALK, REM	SYD	29	\$ 9.00	\$ 261.00	\$ 261.00	\$ 104.40	\$ -	\$ 156.60	
DRIVEWAY, REM	SYD	102	\$ 12.00	\$ 1,224.00	\$ 1,224.00	\$ 489.60	\$ -	\$ 734.40	
PAVT, REM, MODIFIED	SYD	113	\$ 16.00	\$ 1,808.00	\$ 1,808.00	\$ 723.20	\$ 723.20	\$ 361.60	
EMBANKMENT, CIP	CYD	15	\$ 30.00	\$ 450.00	\$ 450.00	\$ 180.00	\$ 180.00	\$ 90.00	
EXCAVATION, EARTH	CYD	20	\$ 40.00	\$ 800.00	\$ 800.00	\$ 320.00	\$ 320.00	\$ 160.00	
NON HAZ CONT MAT'L HADLG & DISP	CYD	30	\$ 50.00	\$ 1,500.00	\$ -	\$ -	\$ -	\$ 1,500.00	
EROSION CONTROL, INLET PROTECT, FABRIC DROP	EACH	3	\$ 75.00	\$ 225.00	\$ 225.00	\$ 90.00	\$ 90.00	\$ 45.00	
PROJECT CLEANUP	LSUM	1	\$ 1,900.00	\$ 1,900.00	\$ 1,900.00	\$ 760.00	\$ 760.00	\$ 380.00	
AGG BASE, 4 INCH, MOD	SYD	152	\$ 11.00	\$ 1,672.00	\$ 1,672.00	\$ 668.80	\$ 668.80	\$ 334.40	
MAINTENANCE GRAVEL	TON	25	\$ 40.00	\$ 1,000.00	\$ 1,000.00	\$ 400.00	\$ 400.00	\$ 200.00	
STRUCTURE COVER, ADJ, CASE 1, MOD	EACH	3	\$ 550.00	\$ 1,650.00	\$ 1,650.00	\$ 660.00	\$ 660.00	\$ 330.00	
COLD MILLING HMA SURFACE	SYD	1841	\$ 7.00	\$ 12,887.00	\$ 12,887.00	\$ 5,154.80	\$ 5,154.80	\$ 2,577.40	
HMA 4E3 (2" DEPTH)	TON	223	\$ 90.00	\$ 20,070.00	\$ 20,070.00	\$ 8,028.00	\$ 8,028.00	\$ 4,014.00	
HMA, 5E3 (1.5" DEPTH)	TON	167	\$ 90.00	\$ 15,030.00	\$ 15,030.00	\$ 6,012.00	\$ 6,012.00	\$ 3,006.00	
HMA REPAIR	SYD	133	\$ 75.00	\$ 9,975.00	\$ 9,975.00	\$ 3,990.00	\$ 3,990.00	\$ 1,995.00	
DRIVEWAY, NONREINF CONC, 6 INCH, MOD	SYD	84	\$ 38.00	\$ 3,192.00	\$ 3,192.00	\$ 1,276.80	\$ -	\$ 1,915.20	
CURB AND GUTTER, CONC, DET F4	FEET	528	\$ 25.00	\$ 13,200.00	\$ 13,200.00	\$ 5,280.00	\$ 5,280.00	\$ 2,640.00	
SIDEWALK, CONC, 4 INCH, MOD	SFT	20	\$ 6.00	\$ 120.00	\$ 120.00	\$ 48.00	\$ -	\$ 72.00	
SIDEWALK, CONC, 6 INCH, MOD	SFT	245	\$ 6.00	\$ 1,470.00	\$ 1,470.00	\$ 588.00	\$ -	\$ 882.00	
POST, STEEL, 3 LB	FEET	84	\$ 6.00	\$ 504.00	\$ -	\$ -	\$ -	\$ 504.00	
SIGN, TYPE III, REM	EACH	8	\$ 25.00	\$ 200.00	\$ -	\$ -	\$ -	\$ 200.00	
SIGN, TYPE IIIA	SFT	27	\$ 16.00	\$ 432.00	\$ -	\$ -	\$ -	\$ 432.00	
PAVT MRKG, OVLY COLD PLASTIC, 24" STOP BAR	FEET	99	\$ 15.00	\$ 1,485.00	\$ 1,485.00	\$ 594.00	\$ 594.00	\$ 297.00	
PAVT MRKG, OVLY COLD PLASTIC, LT TURN ARROW SYM	EACH	1	\$ 180.00	\$ 180.00	\$ 180.00	\$ 72.00	\$ 72.00	\$ 36.00	
PAVT MRKG, OVLY COLD PLASTIC, ONLY	EACH	1	\$ 180.00	\$ 180.00	\$ 180.00	\$ 72.00	\$ 72.00	\$ 36.00	
PAVT MRKG, OVLY COLD PLASTIC, RAILROAD SYM	EACH	2	\$ 400.00	\$ 800.00	\$ 800.00	\$ 320.00	\$ 320.00	\$ 160.00	
PAVT MRKG, OVLY COLD PLASTIC, THRU & RT TURN ARROW	EACH	1	\$ 200.00	\$ 200.00	\$ 200.00	\$ 80.00	\$ 80.00	\$ 40.00	
PAVT MRKG, WATERBORNE, 4 INCH WHITE	FEET	142	\$ 1.00	\$ 142.00	\$ 142.00	\$ 56.80	\$ 56.80	\$ 28.40	
PAVT MRKG, WATERBORNE, 4" YELLOW	FEET	1040	\$ 1.00	\$ 1,040.00	\$ 1,040.00	\$ 416.00	\$ 416.00	\$ 208.00	
TURF ESTABLISHMENT, PERFORMANCE	SYD	101	\$ 8.00	\$ 808.00	\$ 808.00	\$ 323.20	\$ -	\$ 484.80	
MONUMENT BOX	EACH	1	\$ 450.00	\$ 450.00	\$ 450.00	\$ 180.00	\$ 180.00	\$ 90.00	
MONUMENT PRESERVATION	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 400.00	\$ 400.00	\$ 200.00	
SUB TOTALS				\$ 114,207.00	\$ 109,939.00	\$ 43,975.60	\$ 41,145.60	\$ 29,085.80	
INDIRECT COSTS:									
ENGINEERING @ 15% OF SUB TOTAL				\$	17,131.05	\$	16,490.85	\$	4,362.87
ADMINISTRATIVE @ 5% OF SUB TOTAL				\$	5,710.35	\$	5,496.95	\$	1,454.29
GRAND TOTALS				\$	137,048.40	\$	131,926.80	\$	34,902.96

MONROE STREET

ENGINEER'S ESTIMATE USING CONTRACTOR BID PRICES

1-May-18

ENGINEER'S ESTIMATE OF PROBABLE COST FOR MONROE STREET, GOULD ST TO MCMILLAN AVE

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	ELIGIBLE AMOUNT	INFRASTRUCTURE		CITY AT LARGE
						PAVEMENT ENHANCEMENT	AND ACCESS ENHANCEMENT	
MOBILIZATION	LSUM	1	\$ 44,600.00	\$ 44,600.00	\$ 44,600.00	\$ 17,840.00	\$ 17,840.00	\$ 8,920.00
DR STRUCTURE, REM	EACH	1	\$ 400.00	\$ 400.00	\$ 400.00	\$ 160.00	\$ 160.00	\$ 80.00
SEWER, REM < 24 INCH	FEET	112	\$ 17.00	\$ 1,904.00	\$ 1,904.00	\$ 761.60	\$ 761.60	\$ 380.80
CURB AND GUTTER, REM	FEET	316	\$ 9.00	\$ 2,844.00	\$ 2,844.00	\$ 1,137.60	\$ 1,137.60	\$ 568.80
GUARDRAIL, REM	FEET	66	\$ 3.00	\$ 198.00	\$ 198.00	\$ 79.20	\$ 79.20	\$ 39.60
SIDEWALK, REM	SYD	22	\$ 9.00	\$ 198.00	\$ 198.00	\$ 79.20	\$ -	\$ 118.80
PAVT, REM, MODIFIED	SYD	3903	\$ 6.00	\$ 23,418.00	\$ 23,418.00	\$ 9,367.20	\$ 9,367.20	\$ 4,683.60
EMBANKMENT, CIP	CYD	220	\$ 15.00	\$ 3,300.00	\$ 3,300.00	\$ 1,320.00	\$ 1,320.00	\$ 660.00
EXCAVATION, EARTH	CYD	1810	\$ 17.00	\$ 30,770.00	\$ 30,770.00	\$ 12,308.00	\$ 12,308.00	\$ 6,154.00
NON HAZ CONT MAT'L HADLG & DISP	CYD	30	\$ 50.00	\$ 1,500.00	\$ -	\$ -	\$ -	\$ 1,500.00
SUBGRADE UNDERCUTTING, TYPE II	CYD	50	\$ 50.00	\$ 2,500.00	\$ -	\$ -	\$ -	\$ 2,500.00
EROSION CONTROL, INLET PROTECT, FABRIC DROP	EACH	13	\$ 75.00	\$ 975.00	\$ 975.00	\$ 390.00	\$ 390.00	\$ 195.00
EROSION CONTROL, SILT FENCE	FEET	323	\$ 3.00	\$ 969.00	\$ 969.00	\$ 387.60	\$ 387.60	\$ 193.80
REIMBURSABLE INITIAL SESC PERMIT FEE	LSUM	1	\$ 163.00	\$ 163.00	\$ 163.00	\$ 65.20	\$ 65.20	\$ 32.60
PROJECT CLEANUP	LSUM	1	\$ 4,800.00	\$ 4,800.00	\$ 4,800.00	\$ 1,920.00	\$ 1,920.00	\$ 960.00
AGG BASE, 10 INCH, MOD	SYD	3399	\$ 18.00	\$ 61,182.00	\$ 61,182.00	\$ 24,472.80	\$ 24,472.80	\$ 12,236.40
AGG BASE, 4 INCH, MOD	SYD	47	\$ 9.00	\$ 423.00	\$ 423.00	\$ 169.20	\$ 169.20	\$ 84.60
AGG BASE, 9 INCH, MOD	SYD	750	\$ 16.00	\$ 12,000.00	\$ 12,000.00	\$ 4,800.00	\$ 4,800.00	\$ 2,400.00
MAINTENANCE GRAVEL	TON	50	\$ 33.00	\$ 1,650.00	\$ 1,650.00	\$ 660.00	\$ 660.00	\$ 330.00
GEOTEXTILE SEPARATOR, MOD	SYD	4148	\$ 2.00	\$ 8,296.00	\$ 8,296.00	\$ 3,318.40	\$ 3,318.40	\$ 1,659.20
SEWER, SDR-26, 12 INCH, SP TR DET	FEET	343	\$ 55.00	\$ 18,865.00	\$ 18,865.00	\$ 7,546.00	\$ 7,546.00	\$ 3,773.00
SEWER, SDR-26, 24 INCH, SP TR DET	FEET	732	\$ 96.00	\$ 70,272.00	\$ 70,272.00	\$ 28,108.80	\$ 28,108.80	\$ 14,054.40
DR STRUCTURE COVER, TYPE B	EACH	6	\$ 550.00	\$ 3,300.00	\$ 3,300.00	\$ 1,320.00	\$ 1,320.00	\$ 660.00
DR STRUCTURE COVER, TYPE G	EACH	3	\$ 300.00	\$ 900.00	\$ 900.00	\$ 360.00	\$ 360.00	\$ 180.00
DR STRUCTURE COVER, TYPE K	EACH	9	\$ 620.00	\$ 5,580.00	\$ 5,580.00	\$ 2,232.00	\$ 2,232.00	\$ 1,116.00
DR STRUCTURE TAP, 12 INCH	EACH	1	\$ 300.00	\$ 300.00	\$ 300.00	\$ 120.00	\$ 120.00	\$ 60.00
DR STRUCTURE, TAP, 24 INCH	EACH	1	\$ 450.00	\$ 450.00	\$ 450.00	\$ 180.00	\$ 180.00	\$ 90.00
DR STRUCTURE, 24 INCH DIA, ADDITIONAL DEPTH	FT	2	\$ 100.00	\$ 200.00	\$ 200.00	\$ 80.00	\$ 80.00	\$ 40.00
DR STRUCTURE, 36 INCH DIA, ADDITIONAL DEPTH	FT	11	\$ 160.00	\$ 1,760.00	\$ 1,760.00	\$ 704.00	\$ 704.00	\$ 352.00
DR STRUCTURE, 48 INCH DIA, ADDITIONAL DEPTH	FT	23	\$ 210.00	\$ 4,830.00	\$ 4,830.00	\$ 1,932.00	\$ 1,932.00	\$ 966.00
DR STRUCTURE COLLAR, MOD.	EACH	6	\$ 750.00	\$ 4,500.00	\$ 4,500.00	\$ 1,800.00	\$ 1,800.00	\$ 900.00
DR STRUCTURE, 24 INCH DIA, CATCH BASIN	EACH	3	\$ 950.00	\$ 2,850.00	\$ 2,850.00	\$ 1,140.00	\$ 1,140.00	\$ 570.00
DR STRUCTURE, 36 INCH DIA, CATCH BASIN	EACH	8	\$ 1,100.00	\$ 8,800.00	\$ 8,800.00	\$ 3,520.00	\$ 3,520.00	\$ 1,760.00
DR STRUCTURE, 48 INCH DIA, CATCH BASIN	EACH	1	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 640.00	\$ 640.00	\$ 320.00
DR STRUCTURE, 48 INCH DIA, MANHOLE	EACH	5	\$ 2,000.00	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ 4,000.00	\$ 2,000.00
STRUCTURE COVER, ADJ, CASE 1, MOD	EACH	1	\$ 550.00	\$ 550.00	\$ 550.00	\$ 220.00	\$ 220.00	\$ 110.00
STRUCTURE COVER, ADJ, CASE 2, MOD	EACH	6	\$ 450.00	\$ 2,700.00	\$ 2,700.00	\$ 1,080.00	\$ 1,080.00	\$ 540.00
HMA, 2C (4" DEPTH)	TON	831	\$ 75.00	\$ 62,325.00	\$ 62,325.00	\$ 24,930.00	\$ 24,930.00	\$ 12,465.00
HMA 4E3 (2" DEPTH)	TON	416	\$ 90.00	\$ 37,440.00	\$ 37,440.00	\$ 14,976.00	\$ 14,976.00	\$ 7,488.00
HMA, 5E3 (1.5" DEPTH)	TON	312	\$ 90.00	\$ 28,080.00	\$ 28,080.00	\$ 11,232.00	\$ 11,232.00	\$ 5,616.00
HMA REPAIR	SYD	32	\$ 75.00	\$ 2,400.00	\$ 2,400.00	\$ 960.00	\$ 960.00	\$ 480.00
CURB AND GUTTER, CONC, DET F4	FEET	2249	\$ 16.00	\$ 35,984.00	\$ 35,984.00	\$ 14,393.60	\$ 14,393.60	\$ 7,196.80

**MONROE STREET
ENGINEER'S ESTIMATE USING CONTRACTOR BID PRICES**

1-May-18

ENGINEER'S ESTIMATE OF PROBABLE COST FOR MONROE STREET, GOULD ST TO MCMILLAN AVE

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	ELIGIBLE AMOUNT	INFRASTRUCTURE AND ACCESS ENHANCEMENT		CITY AT LARGE
						PAVEMENT ENHANCEMENT		
DETECTABLE WARNING SURFACE	FEET	10	\$ 40.00	\$ 400.00	\$ 400.00	\$ 160.00	\$ 160.00	\$ 80.00
CURB RAMP OPENING, CONC.	FEET	14	\$ 25.00	\$ 350.00	\$ 350.00	\$ 140.00	\$ 140.00	\$ 70.00
SIDEWALK RAMP, CONC, 7 INCH, MOD	SFT	95	\$ 6.00	\$ 570.00	\$ 570.00	\$ 228.00	\$ 228.00	\$ 114.00
SIDEWALK, CONC, 4 INCH, MOD	SFT	370	\$ 5.00	\$ 1,850.00	\$ 1,850.00	\$ 740.00	\$ 740.00	\$ 370.00
GUARDRAIL, TYPE B	FEET	75	\$ 34.00	\$ 2,550.00	\$ 2,550.00	\$ 1,020.00	\$ 1,020.00	\$ 510.00
GUARDRAIL, CURVED, TYPE B	FEET	25	\$ 45.00	\$ 1,125.00	\$ 1,125.00	\$ 450.00	\$ 450.00	\$ 225.00
GUARDRAIL APPROACH TERMINAL, TYPE 2B	EACH	2	\$ 2,850.00	\$ 5,700.00	\$ 5,700.00	\$ 2,280.00	\$ 2,280.00	\$ 1,140.00
GUARDRAIL REFLECTOR	EACH	5	\$ 10.00	\$ 50.00	\$ 50.00	\$ 20.00	\$ 20.00	\$ 10.00
POST, STEEL, 3 LB	FEET	158	\$ 6.00	\$ 948.00	\$ -	\$ -	\$ -	\$ 948.00
SIGN, TYPE III, ERECT, SALV	EACH	4	\$ 30.00	\$ 120.00	\$ -	\$ -	\$ -	\$ 120.00
SIGN, TYPE III, REM	EACH	12	\$ 25.00	\$ 300.00	\$ -	\$ -	\$ -	\$ 300.00
SIGN, TYPE IIIA	SFT	38	\$ 16.00	\$ 608.00	\$ -	\$ -	\$ -	\$ 608.00
PAVT MRKG, OVLY COLD PLASTIC, 6" X-WALK	FEET	53	\$ 3.00	\$ 159.00	\$ 159.00	\$ 63.60	\$ 63.60	\$ 31.80
PAVT MRKG, OVLY COLD PLASTIC, 24" STOP BAR	FEET	27	\$ 20.00	\$ 540.00	\$ 540.00	\$ 216.00	\$ 216.00	\$ 108.00
PAVT MRKG, WATERBORNE, 4" YELLOW	FEET	1518	\$ 1.00	\$ 1,518.00	\$ 1,518.00	\$ 607.20	\$ 607.20	\$ 303.60
BARRICADE, TYPE III, HI, DS, LIGHTED, FURN	EACH	25	\$ 50.00	\$ 1,250.00	\$ 1,250.00	\$ 500.00	\$ 500.00	\$ 250.00
BARRICADE, TYPE III, HI, DS, LIGHTED, OPER	EACH	25	\$ 5.00	\$ 125.00	\$ 125.00	\$ 50.00	\$ 50.00	\$ 25.00
DUST PALLATIVE, APPLIED	TON	10	\$ 350.00	\$ 3,500.00	\$ 3,500.00	\$ 1,400.00	\$ 1,400.00	\$ 700.00
LIGHTED ARROW, TYPE C, FURN	EACH	2	\$ 250.00	\$ 500.00	\$ 500.00	\$ 200.00	\$ 200.00	\$ 100.00
LIGHTED ARROW, TYPE C, OPER	EACH	2	\$ 250.00	\$ 500.00	\$ 500.00	\$ 200.00	\$ 200.00	\$ 100.00
MINOR TRAFFIC DEVICES	LSUM	1	\$ 5,200.00	\$ 5,200.00	\$ 5,200.00	\$ 2,080.00	\$ 2,080.00	\$ 1,040.00
PAVT MRKG, WET REFLECT, TYPE R, 4" WHITE, TEMP	FEET	1500	\$ 1.00	\$ 1,500.00	\$ 1,500.00	\$ 600.00	\$ 600.00	\$ 300.00
PAVT MRKG, WET REFLECT, TYPE R, 4" YELLOW, TEMP	FEET	2500	\$ 1.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 500.00
PLASTIC DRUM, HIGH INTENSITY, FURN	EACH	100	\$ 12.00	\$ 1,200.00	\$ 1,200.00	\$ 480.00	\$ 480.00	\$ 240.00
PLASTIC DRUM, HIGH INTENSITY, OPER	EACH	100	\$ 1.00	\$ 100.00	\$ 100.00	\$ 40.00	\$ 40.00	\$ 20.00
SIGN, TYPE B, TEMP, PRISMATIC, FURN	SFT	554	\$ 3.00	\$ 1,662.00	\$ 1,662.00	\$ 664.80	\$ 664.80	\$ 332.40
SIGN, TYPE B, TEMP, PRISMATIC, OPER	SFT	554	\$ 1.00	\$ 554.00	\$ 554.00	\$ 221.60	\$ 221.60	\$ 110.80
SIGN, TYPE B, TEMP, PRISMATIC, SPECIAL, FURN	SFT	147	\$ 4.00	\$ 588.00	\$ 588.00	\$ 235.20	\$ 235.20	\$ 117.60
SIGN, TYPE B, TEMP, PRISMATIC, SPECIAL, OPER	SFT	147	\$ 1.00	\$ 147.00	\$ 147.00	\$ 58.80	\$ 58.80	\$ 29.40
TRAFFIC REGULATOR CONTROL	LSUM	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00
TURF ESTABLISHMENT, PERFORMANCE	SYD	2800	\$ 5.00	\$ 14,000.00	\$ 14,000.00	\$ 5,600.00	\$ -	\$ 8,400.00
MONUMENT BOX	EACH	1	\$ 450.00	\$ 450.00	\$ 450.00	\$ 180.00	\$ 180.00	\$ 90.00
MONUMENT PRESERVATION	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 400.00	\$ 400.00	\$ 200.00
RAILROAD FLAG PERSON	HOUR	24	\$ 100.00	\$ 2,400.00	\$ 2,400.00	\$ 960.00	\$ 960.00	\$ 480.00
SUB TOTALS				\$ 564,740.00	\$ 558,764.00	\$ 223,505.60	\$ 217,826.40	\$ 123,408.00
INDIRECT COSTS:								
ENGINEERING @ 15% OF SUB TOTAL				\$ 84,711.00	\$ 83,814.60	\$ 33,525.84	\$ 32,673.96	\$ 18,511.20
ADMINISTRATIVE @ 5% OF SUB TOTAL				\$ 28,237.00	\$ 27,938.20	\$ 11,175.28	\$ 10,891.32	\$ 6,170.40
GRAND TOTALS				\$ 677,688.00	\$ 670,516.80	\$ 268,206.72	\$ 261,391.68	\$ 148,089.60

**McMILLAN AVENUE
ENGINEER'S ESTIMATE USING CONTRACTOR BID PRICES**

1-May-18

ENGINEER'S ESTIMATE OF PROBABLE COST FOR MCMILLAN AVENUE, MONROE STREET TO 750' SOUTH

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	ELIGIBLE AMOUNT	INFRASTRUCTURE AND ACCESS ENHANCEMENT		CITY AT LARGE
						PAVEMENT ENHANCEMENT		
MOBILIZATION	LSUM	1	\$ 22,100.00	\$ 22,100.00	\$ 22,100.00	\$ 8,840.00	\$ 8,840.00	\$ 4,420.00
DR STRUCTURE, REM	EACH	1	\$ 400.00	\$ 400.00	\$ 400.00	\$ 160.00	\$ 160.00	\$ 80.00
SEWER, REM < 24 INCH	FEET	340	\$ 17.00	\$ 5,780.00	\$ 5,780.00	\$ 2,312.00	\$ 2,312.00	\$ 1,156.00
DRIVEWAY, REM	SYD	696	\$ 10.00	\$ 6,960.00	\$ 6,960.00	\$ 2,784.00	\$ -	\$ 4,176.00
PAVT, REM, MODIFIED	SYD	1889	\$ 6.00	\$ 11,334.00	\$ 11,334.00	\$ 4,533.60	\$ 4,533.60	\$ 2,266.80
EMBANKMENT, CIP	CYD	210	\$ 15.00	\$ 3,150.00	\$ 3,150.00	\$ 1,260.00	\$ 1,260.00	\$ 630.00
EXCAVATION, EARTH	CYD	800	\$ 20.00	\$ 16,000.00	\$ 16,000.00	\$ 6,400.00	\$ 6,400.00	\$ 3,200.00
NON HAZ CONT MAT'L HADLG & DISP	CYD	30	\$ 50.00	\$ 1,500.00	\$ -	\$ -	\$ -	\$ 1,500.00
SUBGRADE UNDERCUTTING, TYPE II	CYD	50	\$ 50.00	\$ 2,500.00	\$ -	\$ -	\$ -	\$ 2,500.00
EROSION CONTROL, INLET PROTECT, FABRIC DROP	EACH	14	\$ 75.00	\$ 1,050.00	\$ 1,050.00	\$ 420.00	\$ 420.00	\$ 210.00
PROJECT CLEANUP	LSUM	1	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 1,560.00	\$ 1,560.00	\$ 780.00
AGG BASE, 8 INCH, MOD	SYD	2094	\$ 15.00	\$ 31,410.00	\$ 31,410.00	\$ 12,564.00	\$ 12,564.00	\$ 6,282.00
AGG BASE, 6 INCH, MOD	SYD	353	\$ 11.00	\$ 3,883.00	\$ 3,883.00	\$ 1,553.20	\$ 1,553.20	\$ 776.60
MAINTENANCE GRAVEL	TON	75	\$ 40.00	\$ 3,000.00	\$ 3,000.00	\$ 1,200.00	\$ 1,200.00	\$ 600.00
GEOTEXTILE SEPARATOR, MOD	SYD	2446	\$ 2.00	\$ 4,892.00	\$ 4,892.00	\$ 1,956.80	\$ 1,956.80	\$ 978.40
SEWER TAP, 12 INCH	EACH	3	\$ 300.00	\$ 900.00	\$ 900.00	\$ 360.00	\$ 360.00	\$ 180.00
SEWER, SDR-26, 12 INCH, SP TR DET	FEET	200	\$ 50.00	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ 4,000.00	\$ 2,000.00
SEWER, SDR-26, 24 INCH, SP TR DET	FEET	634	\$ 88.00	\$ 55,792.00	\$ 55,792.00	\$ 22,316.80	\$ 22,316.80	\$ 11,158.40
DR STRUCTURE COVER, TYPE B	EACH	1	\$ 550.00	\$ 550.00	\$ 550.00	\$ 220.00	\$ 220.00	\$ 110.00
DR STRUCTURE COVER, TYPE G	EACH	7	\$ 300.00	\$ 2,100.00	\$ 2,100.00	\$ 840.00	\$ 840.00	\$ 420.00
DR STRUCTURE COVER, TYPE K	EACH	7	\$ 620.00	\$ 4,340.00	\$ 4,340.00	\$ 1,736.00	\$ 1,736.00	\$ 868.00
DR STRUCTURE, 36 INCH DIA, ADDITIONAL DEPTH	FT	31	\$ 160.00	\$ 4,960.00	\$ 4,960.00	\$ 1,984.00	\$ 1,984.00	\$ 992.00
DR STRUCTURE, 48 INCH DIA, ADDITIONAL DEPTH	FT	28	\$ 210.00	\$ 5,880.00	\$ 5,880.00	\$ 2,352.00	\$ 2,352.00	\$ 1,176.00
STRUCTURE COVER, ADJ, CASE 1, MOD	EACH	4	\$ 550.00	\$ 2,200.00	\$ 2,200.00	\$ 880.00	\$ 880.00	\$ 440.00
DR STRUCTURE, 36 INCH DIA, CATCH BASIN	EACH	7	\$ 1,100.00	\$ 7,700.00	\$ 7,700.00	\$ 3,080.00	\$ 3,080.00	\$ 1,540.00
DR STRUCTURE COLLAR, MOD.	EACH	2	\$ 800.00	\$ 1,600.00	\$ 1,600.00	\$ 640.00	\$ 640.00	\$ 320.00
DR STRUCTURE, 24 INCH DIA, CATCH BASIN	EACH	3	\$ 950.00	\$ 2,850.00	\$ 2,850.00	\$ 1,140.00	\$ 1,140.00	\$ 570.00
DR STRUCTURE, 48 INCH DIA, CATCH BASIN	EACH	4	\$ 1,600.00	\$ 6,400.00	\$ 6,400.00	\$ 2,560.00	\$ 2,560.00	\$ 1,280.00
DR STRUCTURE, 48 INCH DIA, MANHOLE	EACH	1	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 800.00	\$ 800.00	\$ 400.00
HMA, 2C (3" DEPTH)	TON	380	\$ 75.00	\$ 28,500.00	\$ 28,500.00	\$ 11,400.00	\$ 11,400.00	\$ 5,700.00
HMA 4E3 (2" DEPTH)	TON	254	\$ 90.00	\$ 22,860.00	\$ 22,860.00	\$ 9,144.00	\$ 9,144.00	\$ 4,572.00
HMA, 5E3 (1.5" DEPTH)	TON	190	\$ 90.00	\$ 17,100.00	\$ 17,100.00	\$ 6,840.00	\$ 6,840.00	\$ 3,420.00
DRIVEWAY, NONREINF CONC, 9 INCH, MOD	SYD	494	\$ 52.00	\$ 25,688.00	\$ 25,688.00	\$ 10,275.20	\$ -	\$ 15,412.80
CURB AND GUTTER, CONC, DET F4	FEET	1057	\$ 16.00	\$ 16,912.00	\$ 16,912.00	\$ 6,764.80	\$ 6,764.80	\$ 3,382.40
DRIVEWAY OPENING, CONC, DET M	FEET	357	\$ 20.00	\$ 7,140.00	\$ 7,140.00	\$ 2,856.00	\$ -	\$ 4,284.00
POST, STEEL, 3 LB	FEET	72	\$ 6.00	\$ 432.00	\$ -	\$ -	\$ -	\$ 432.00
SIGN, TYPE III, ERECT, SALV	EACH	2	\$ 30.00	\$ 60.00	\$ -	\$ -	\$ -	\$ 60.00

**McMILLAN AVENUE
ENGINEER'S ESTIMATE USING CONTRACTOR BID PRICES**

1-May-18

ENGINEER'S ESTIMATE OF PROBABLE COST FOR McMILLAN AVENUE, MONROE STREET TO 750' SOUTH

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	ELIGIBLE AMOUNT	PAVEMENT ENHANCEMENT	INFRASTRUCTURE AND ACCESS ENHANCEMENT	CITY AT LARGE
SIGN, TYPE III, REM	EACH	6	\$ 25.00	\$ 150.00	\$ -	\$ -	\$ -	\$ 150.00
SIGN, TYPE IIIA	SFT	16	\$ 16.00	\$ 256.00	\$ -	\$ -	\$ -	\$ 256.00
PAVT MRKG, OVLY COLD PLASTIC, 24" STOP BAR	FEET	25	\$ 30.00	\$ 750.00	\$ 750.00	\$ 300.00	\$ 300.00	\$ 150.00
TURF ESTABLISHMENT, PERFORMANCE	SYD	2325	\$ 5.00	\$ 11,625.00	\$ 11,625.00	\$ 4,650.00	\$ -	\$ 6,975.00
MONUMENT BOX	EACH	1	\$ 450.00	\$ 450.00	\$ 450.00	\$ 180.00	\$ 180.00	\$ 90.00
MONUMENT PRESERVATION	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 400.00	\$ 400.00	\$ 200.00
SUB TOTALS				\$ 358,054.00	\$ 353,156.00	\$ 141,262.40	\$ 120,697.20	\$ 96,094.40
INDIRECT COSTS:								
ENGINEERING @ 15% OF SUB TOTAL				\$ 53,708.10	\$ 52,973.40	\$ 21,189.36	\$ 18,104.58	\$ 14,414.16
ADMINISTRATIVE @ 5% OF SUB TOTAL				\$ 17,902.70	\$ 17,657.80	\$ 7,063.12	\$ 6,034.86	\$ 4,804.72
GRAND TOTALS				\$ 429,664.80	\$ 423,787.20	\$ 169,514.88	\$ 144,836.64	\$ 115,313.28

OWOSSO

