

Agenda

City Council Work Session
Oelwein City Hall, 20 Second Avenue SW, Oelwein, Iowa
6:30 PM

February 24, 2020 Oelwein, Iowa

Mayor: Brett DeVore

Mayor Pro Tem: Warren Fisk

Council Members: Matt Weber, Renee Cantrell, Tom Stewart, Charles Gerdts, Karen Seeders

Pledge of Allegiance

Discussions

1. Discussion on Wings East Road Construction

2. Discussion on Housing

Adjournment

In compliance with the Americans with Disabilities Act, those requiring accommodation for Council meetings should notify the City Clerk's Office at least 24 hours prior to the meeting at 319-283-5440

ITEM #1.



Wings East Pavement Improvements Design Memo

DATE: February 24, 2020

TO: **Mayor & City Council**

> City of Oelwein 20 2nd Ave SW Oelwein, IA 50662

FOX P.N. 1022-18A.420

PROJECT SUMMARY

FOX Engineering has been tasked by the City of Oelwein to investigate pavement and drainage improvements for the Wings East Subdivision. In April of 2019, FOX submitted five preliminary design options for staff and council consideration. The option of doing a Special Assessment for the project was also discussed. FOX was recently given a budget of \$650,000 for the Wings East Improvements project.

FOX Engineering met with City staff and developed a proposed improvement plan that is discussed in the Proposed Improvements section of this memo. It has been determined that this project will move forward with a preliminary plat and schedule for a Special Assessment. The purpose of a preliminary assessment is to set a maximum cost that may be assessed for the project. The project will be preliminarily assessed 50% as a Special Benefit to be paid for by property owners, and 50% as a General Benefit to be paid for by the City. Council will determine if the project will be Final Assessed after final completion of the project. The proposed project has an estimated cost of \$650,000.

SCHEDULE

2.24.2020	Council Meeting (Approval of Preliminary Design Concept)
4.13.2020	Council Meeting (Preliminary Resolution of Necessity, Review of Final Design, Set Public Hearing & Bid Date)
5.05.2020	Bid Date
5.11.2020	Council Meeting (Public Hearing, Resolution of Necessity, & Award Contract)
10.16.2020	Substantial Completion
11.20.2020	Final Completion

PROPOSED IMPROVEMENTS

The proposed improvement for the Wings East subdivisions has four main components, as shown on the attached Exhibit A – Wings East Pavement Improvements:

- 1. Completely remove the north portion of 12th Ave NE and replace it with greenspace.
- 2. Remove and replace severely damaged pavement areas of 3rd St NE (270 liner feet).
- 3. Remove and replace undermined pavement areas on 13th Ave NE (2nd St NE to 3rd St NE).
- 4. Install minimal storm sewer and subdrain to help convey water away from the existing pavement.
- 5. Overlay portions of 3rd St NE, 2nd St NE, 12th Ave NE, and 13th Ave NE with hot mix asphalt (HMA).

Figure 1 shows the proposed cross section for the areas of the project that have existing curb and gutter. Replacing adjacent sidewalk ramps to meet ADA compliance is also included in the project.

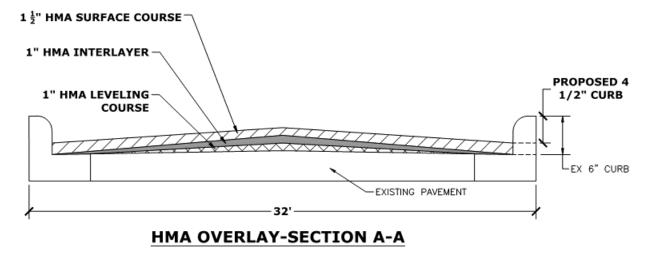


Figure 1 – Proposed HMA Overlay Section for Curbed Pavement

A 1-inch leveling course will be placed on the existing pavement in order to smooth out any cracks and re-shape any crown that has been lost when the pavement deteriorated. A 1-inch interlayer will be placed over the leveling course in order to prevent any reflective cracking from the existing pavement impacting the proposed HMA surface course. A $1\,1/2$ -inch surface course will be placed over the interlayer. The surface course of HMA will provide added strength to the pavement and act as the driving surface for vehicle traffic. At existing driveway locations, the HMA will be feathered to meet existing pavement slopes.

Adding the overlay to the existing pavement will reduce the existing 6-inch curb to 4-inches. The life expectancy for the proposed design is approximately 20 years. If the City desires, there is an option to crack and seat the existing pavement prior to the HMA overlay which will increase the project cost by approximately \$80,000 and add 5 years to the expected design life of the pavement.

IMPROVEMENT DETAILS

3rd St NE IMPROVEMENTS (12TH AVE NE TO 13TH AVE NE):

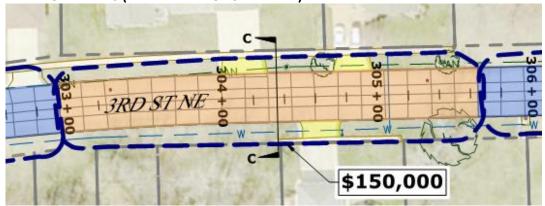


Figure 2 - Proposed 3rd St NE Full Replacement Area

While analyzing this potion of roadway, FOX initially considered panel replacement of the shifted panels that created drainage issues and ponding. It was determined that the number of panels required to be replaced to get proper drainage was too high to warrant panel replacement, and would be more cost effective as a total replacement. We acknowledge that there is concern over the need for replacement in this area. In reviewing the profile of the existing curbs, we found multiple areas of ponding. This portion of the project is estimated conservatively as a total removal and replacement area. Once in the Final Design stage, we can look at additional cost saving measures for this area. Constructing this area in HMA is also an option if the City desires a cohesive look throughout the subdivision.

12th Ave NE IMPROVEMENTS (2ND ST NE to 3RD ST NE):

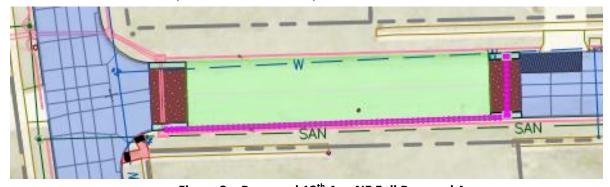


Figure 3 – Proposed 12th Ave NE Full Removal Area

The City has expressed the desire for a full pavement removal of the north portion of 12th Ave NE. The removed pavement area will be replaced as greenspace. Storm sewer is proposed in order to more effectively drain the water conveyed north to the storm sewer outlet. Rock is proposed in the transition areas between the proposed greenspace and pavement. There will be ROAD CLOSED signs placed at each end of the greenspace. The City will need to determine who is responsible for the maintenance of the greenspace area.

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13th Ave NE (2ND ST NE to 3RD ST NE)

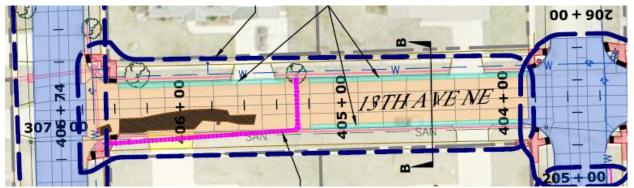


Figure 4 - Proposed 13th NE Ave Full Replacement Area

This area of 13th Ave NE has been previously patched. Water has eroded the subgrade and left a hollow space under the existing pavement. The void space will be filled with rock prior to placing pavement. The proposed improvement in this area salvages the existing curb where possible. Minimal storm sewer is proposed in this area due to the large amount of the existing drainage area not being collected in the storm sewer system. Collecting the stormwater in this area will convey water away from the pavement thereby reducing the chances of water undermining the proposed pavement. Constructing this area in HMA is also an option if the City desires a cohesive look throughout the subdivision.

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Please contact us if you have any questions or comments regarding this project.

FOX Engineering Associates, Inc.

John Gade, P.E.

Attachments:

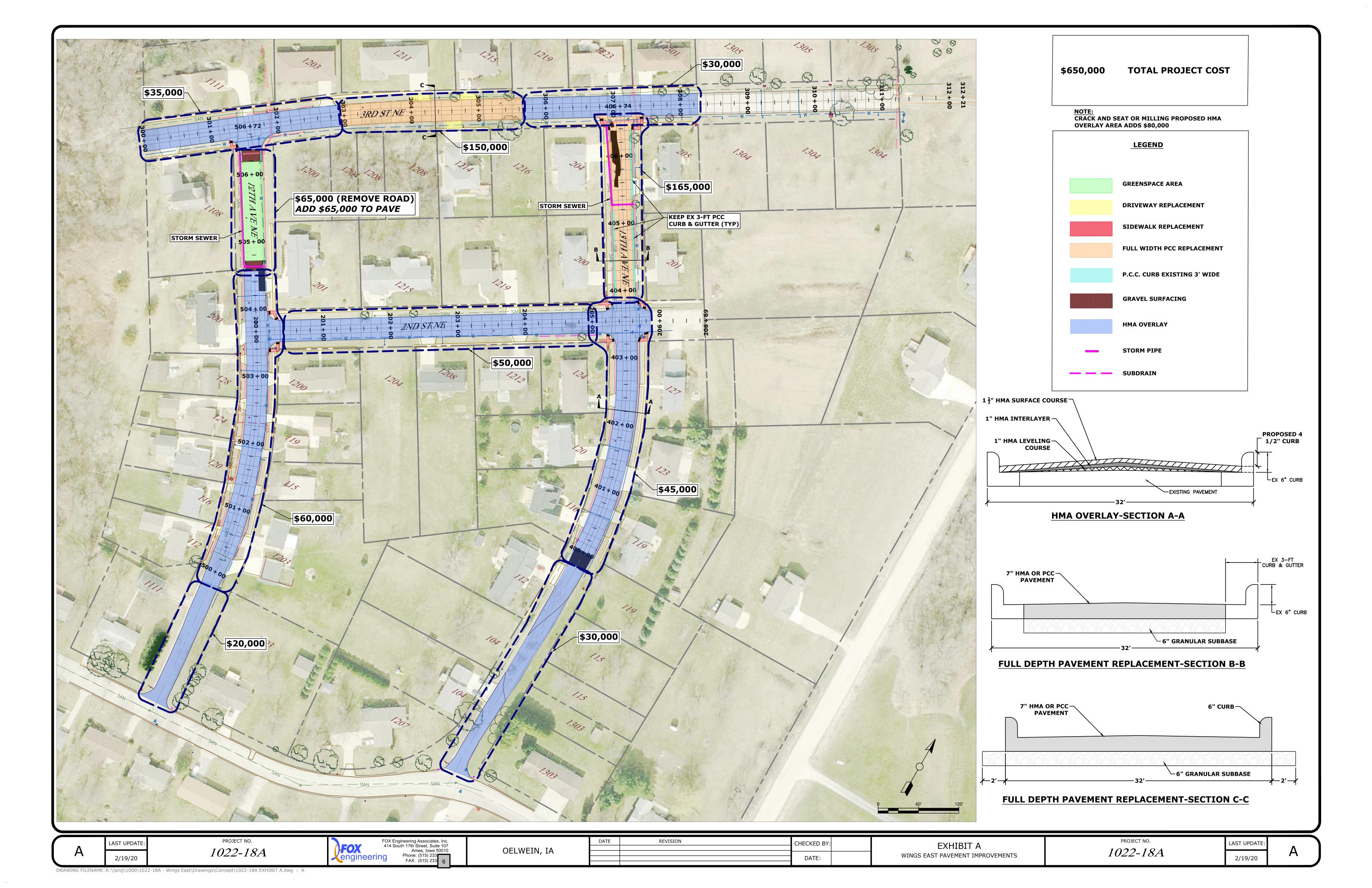
Exhibit A – Wings East Pavement Improvements

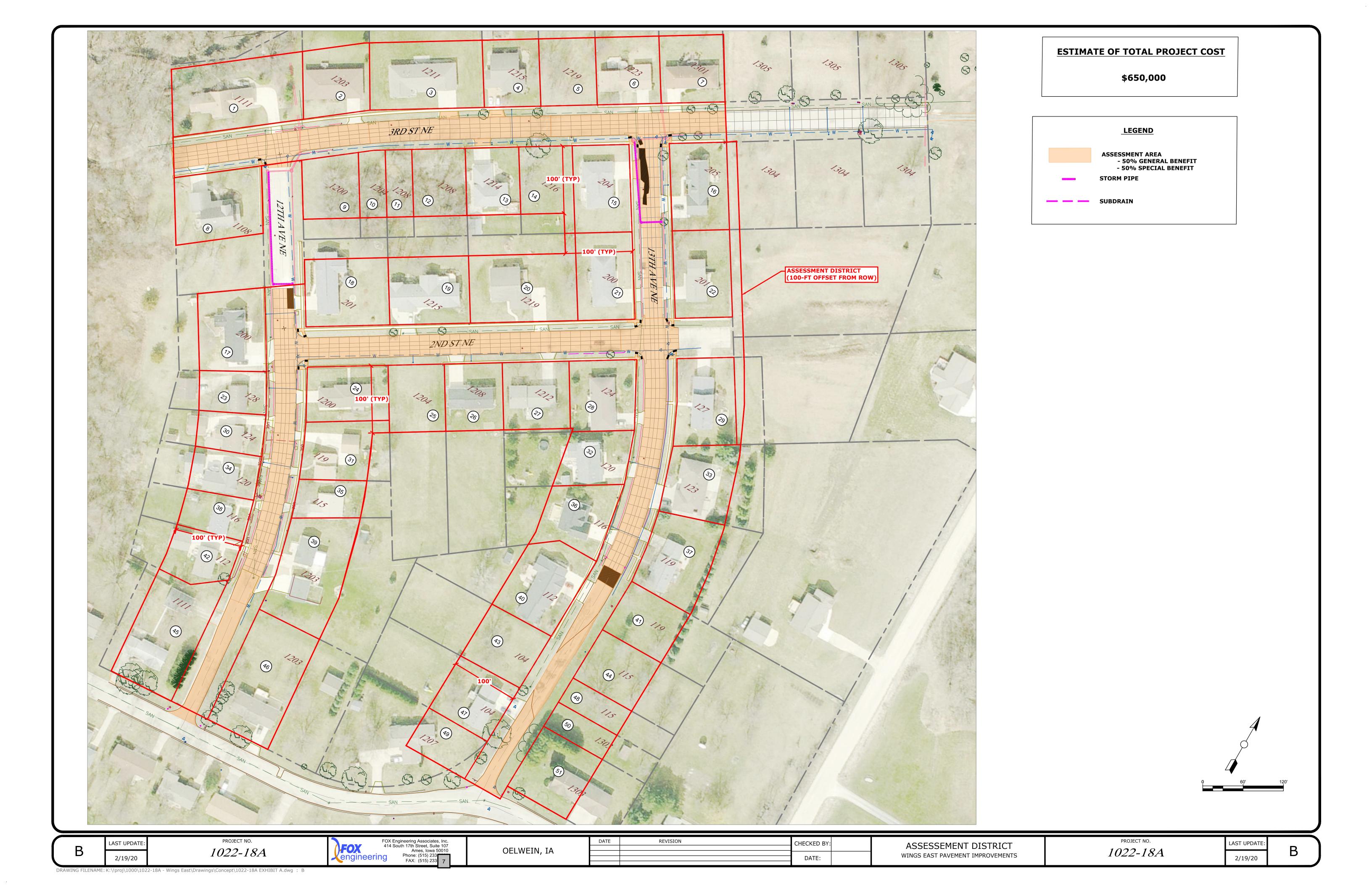
Figure B – Assessment District

Preliminary Assessment Schedule

Preliminary Design Opinion of Probable Construction Cost

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PRELIMINARY ASSESSMENT SCHEDULE

Type 01 BOND#

Wing East Paving Improvements 50% General & Special Benefit HMA Overlay and Partial Street Reconstruction

City of Oelwein, Iowa 2/20/2020

FOX PN 1022-18A.460		-
Total Project Cost:	\$650,000.00	
General Benefit (Oelwein) Portion:	\$325,000.00	50%
	. ,	
Special Benefit (Private Owners) Portion:	\$325,000.00	50%

Special Ber	nefit (Privat	e Owners) Portion:	\$325,000.00	50%														
Certificate Number	Parcel No.	Parcel ID	Current Title Holder	Mail To Address	Legal Description	Lot Frontage, Feet	Corner Lot Frontage, Feet	Lot Area, Square Feet	Assessment Frontage Length, Feet	Assessment Area, Square Feet	Council Valuation ¹	2	5% Valuation	Street Improvements Assessment (50%)	Percent of Total Project Cost	Defic	ditional ciency ssment ₃	Total Preliminary Assessment
	1	1822126009	Thomas W. & Dorothy L. Gerstenberger	1111 3RD ST. NE	LOTS 8 & 9 BLK 1 WINGS EAST FIRST ADD	196.0	0.0	24,245	196.0	19,596	\$ 189,160.00	,	\$ 47,290.00 \$	11,944.17	1.8%	\$	-	\$ 11,944.17
	2	1822126010	Matthew W. & Jodi A. Casper	1203 3RD ST. NE	LOT 7 BLK 1 WINGS EAST FIRST ADD	100.1	0.0	16,947	100.1	10,011	\$ 167,100.00	:	\$ 41,775.00 \$	6,101.91	0.9%	\$	-	\$ 6,101.91
	3	1822126012	Larry E. Recker, Revocable Trust	1211 3RD ST. NE	LOTS 5 &6, BLK 1 WINGS EAST FIRST ADD	170.0	0.0	30,600	170.0	17,000	\$ 307,430.00	;	\$ 76,857.50 \$	5 10,361.86	1.6%	\$	-	\$ 10,361.86
	4	1822126013	Karen A Tharaldson	1215 3RD ST. NE	LOT 4 BLK 1 WINGS EAST FIRST ADD	85.0	0.0	15,300	85.0	8,500	\$ 183,560.00	;	\$ 45,890.00 \$	5,180.93	0.8%	\$	-	\$ 5,180.93
	5	1822126014	George A & Barbara L Jamison	1219 3RD ST. NE	LOT 3 BLK 1 WINGS EAST FIRST ADD	85.0	0.0	15,300	85.0	8,500	\$ 34,425.00	2	\$ 8,606.25 \$	5,180.93	0.8%	\$	-	\$ 5,180.93
	6	1822126015	Gorge A & Barbara L. Jamison Randall D. & Linda M.	1223 3RD ST. NE	LOT 2 BLK 1 WINGS EAST FIRST ADD	95.0	0.0	17,100	95.0	9,500	\$ 193,940.00	;	\$ 48,485.00 \$	5,790.45	0.9%	\$	-	\$ 5,790.45
	7	1822126016	Gloede Rodger A. Schulz,	1301 3RD ST. NE	LOT 1 BLK 1 WINGS EAST FIRST ADD	95.0	0.0	17,100	95.0	9,500	\$ 168,800.00	;	\$ 42,200.00 \$	5,790.45	0.9%	\$	-	\$ 5,790.45
	8	1822176046	Revocable Trust C/O Gwendolyn Wilson	1108 3RD ST. NE	LOTS 1 & 2 BLK 2 WINGS EAST FIRST ADD	177.6	130.2	23,111	130.2	13,016	\$ 170,590.00	;	\$ 42,647.50 \$	7,933.53	1.2%	\$	-	\$ 7,933.53
	9	1822176030	Bonnie Schulz	1200 3RD ST. NE	LOT 6 BLK 3 WINGS EAST FIRST ADD	118.6	85.5	10,489	85.5	8,147	\$ 20,978.00	;	\$ 5,244.50 \$	5,083.17	0.8%	\$	-	\$ 5,083.17
	10	1822176029	Rodger A. Schulz, Revocable Trust C/O Gwendolyn Wilson	1204 3RD ST. NE	W 1/2 LOT 5, BLK 3 WINGS EAST FIRST ADD	40.1	0.0	5,159	40.1	4,000	\$ 11,607.75	2	\$ 2,901.94 \$	2,441.90	0.4%	\$	-	\$ 2,441.90
	11	1822176005	Kenneth A. & Marcia Woodraska	N/A	E 1/2 LOT 5, BLK 3 WINGS EAST FIRST ADD	40.0	0.0	5,200	40.0	4,000	\$ 11,700.00	2	\$ 2,925.00 \$	2,438.08	0.4%	\$	-	\$ 2,438.08
	12	1822176028	Kenneth A. & Marcia Woodraska	1208 3RD ST. NE	LOT 4 BLK 3 WINGS EAST FIRST ADD	80.0	0.0	10,400	80.0	8,000	\$ 23,400.00	2	\$ 5,850.00 \$	4,876.17	0.8%	\$	-	\$ 4,876.17
	13	1822176027	Richard A & Loretta A Suckow	1214 3RD ST. NE	LOT 3 BLK 3 WINGS EAST FIRST ADD	80.0	0.0	10,400	80.0	8,000	\$ 222,880.00	;	\$ 55,720.00 \$	4,876.17	0.8%	\$	-	\$ 4,876.17
	14	1822176026	Richard A & Loretta A Suckow	1216 3RD ST. NE	LOT 2 BLK 3 WINGS EAST FIRST ADD	80.0	0.0	10,400	80.0	9,950	\$ 23,400.00	2	\$ 5,850.00 \$	5,492.78	0.8%	\$	-	\$ 5,492.78
	15	1822176025	Gerald E. & Mary F. Chase	204 13TH AVE. NE	LOT 1 BLK 3 WINGS EAST FIRST ADD	130.0	85.0	11,050	215.0	11,050	\$ 177,350.00		\$ 44,337.50 \$	9,800.27	1.5%	\$	-	\$ 9,800.27
	16	1822126024	Charles H. & Barbara J Geilenfeld Timothy W. & Catherine	205 13TH AVE. NE	LOT 1 BLK 4 WINGS EAST FIRST ADD LOT 3, LOT 4 EX PARCEL 8 BLK 2	130.0	85.0	11,050	215.0	11,050	\$ 252,970.00	;	\$ 63,242.50 \$	9,800.27	1.5%	\$	-	\$ 9,800.27
	17	1822176060	Gilson	200 12TH AVE. NE	WINGS EAST FIRST ADD LOT 7, & W 40' LOT 8 BLK 3, WINGS	128.7	0.0	15,809	128.7	11,927	\$ 183,600.00		\$ 45,900.00 \$	·	1.2%	\$	-	\$ 7,547.07
	18	1822176031	Urban & Floraine Kuennen Kenneth A. & Marcia	201 12TH AVE. NE	EAST FIRST ADD E 40' LOT 8 & LOT 9, BLK 3, WINGS	130.0	125.0	16,250	190.0	12,350	\$ 228,080.00		\$ 57,020.00 \$	·	1.5%	\$	-	\$ 9,478.08
	19	1822176033	Woodraska James E. & Connie K.	1215 2ND ST. NE	EAST 1ST ADD LOTS 10 & 11, BLK 3 WINGS EAST	120.0	0.0	15,600	120.0	13,200	\$ 317,560.00		\$ 79,390.00 \$	·	1.2%	\$	-	\$ 7,693.71
	20	1822176035 1822176036	Mueller Paul E. & Julene Fox	1219 2ND ST.NE 200 13TH AVE. NE	FIRST ADD LOT 12 BLK 3 WINGS EAST FIRST ADD	160.0	0.0 85.0	20,800	160.0 215.0	16,450 11,050	\$ 205,500.00 \$ 176,960.00		\$ 51,375.00 \$ \$ 44,240.00 \$	·	1.5% 1.5%	\$	-	\$ 9,894.63 \$ 9,800.27
	22	1822126023	Ronald Winter, Security Storage	201 13TH AVE. NE	LOT 2 BLK 4 & N 14' PRL TO C/L FORMERLY VAC 2ND ST. NE, LOCATED BTN BLKS 4 & 5, ALL IN WING'S EAST		0.0	12,240	130.0	12,240	\$ 103,970.00		\$ 25,992.50 \$	·	1.2%	\$	-	\$ 7,683.45
	23	1822176059	Kevin E & Mary Beth Steggall	128 12TH AVE. NE	FIRST ADDN PARCEL 8 & PRT OF LOT 4 BLK 2 WINGS EAST FIRST ADD	63.5	0.0	8,363	63.5	6,350	\$ 90,200.00	:	\$ 22,550.00 \$	3,870.46	0.6%	\$	-	\$ 3,870.46
	24	1822176043	Jeffrey W. Dehaven	1200 2ND ST. NE	LOT 7 EX S 33' BLK 6 WINGS EAST FIRST ADD	82.1	120.0	10,141	202.1	10,141	\$ 164,750.00	:	\$ 41,187.50 \$	9,133.88	1.4%	\$	-	\$ 9,133.88
	25	1822176042	Bonnie L. Schulz	1204 2ND ST. NE	LOT 6 BLK 6 WINGS EAST FIRST ADD	85.0	0.0	24,110	85.0	8,500	\$ 54,247.50	2	\$ 13,561.88 \$	5,180.93	0.8%	\$	-	\$ 5,180.93
	26	1822176041	James E. & Teresa L. Tuecke	1208 2ND ST. NE	LOT 5 BLK 6 WINGS EAST FIRST ADD	85.0	0.0	23,444	85.0	8,500	\$ 148,240.00	;	\$ 37,060.00 \$	5,180.93	0.8%	\$	-	\$ 5,180.93
	27	1822176040	Jay A. Melchert	1212 2ND ST. NE	LOT 2 BLK 6 WINGS EAST FIRST ADD	100.0	0.0	10,500	100.0	10,000	\$ 159,990.00	:	\$ 39,997.50 \$	6,095.21	0.9%	\$	-	\$ 6,095.21
	28	1822176039	Christopher Brunscheon	124 13TH AVE. NE	LOT 1 BLK 6 WINGS EAST FIRST ADD	100.0	105.1	10,080	205.1	10,000	\$ 215,590.00	:	\$ 53,897.50 \$	9,177.87	1.4%	\$	-	\$ 9,177.87
	29	1822176022	Susan K. Schlitter	127 13TH AVE. NE	LOT 1 BLK 5 WINGS EAST FIRST ADD PARCEL 7 BEING PRTS OF LOT 4 & 5	130.2	0.0	11,798	130.2	11,798	\$ 209,470.00		\$ 52,367.50 \$		1.2%	\$	-	\$ 7,548.38
	30	1822176053	Tiffany M. Vande Vorde	124 12TH AVE. NE	BLK 2 WINGS EAST FIRST ADD PARCEL 1 BEING PART OF LOT 8 & S	63.5	0.0	8,897	63.5	6,350	\$ 145,810.00		\$ 36,452.50 \$	3,870.46	0.6%	\$	-	\$ 3,870.46
	31	1822176044	Dawn M. & Adam D. Novak	123 12TH AVE. NE	33' LOT 7 BLK 6 WINGS EAST FIRST ADD	97.0	0.0	12,115	97.0	11,212	\$ 111,670.00	:	\$ 27,917.50 \$	6,390.60	1.0%	\$	-	\$ 6,390.60
	32	1822176038	Curtis J. & Joetta L Solsma, Living Trust	120 13TH AVE. NE	LOT 3 BLK 6 WINGS EAST FIRST ADD	85.1	0.0	15,086	85.1	8,506	\$ 293,550.00		\$ 73,387.50 \$	·	0.8%	\$	-	\$ 5,184.59
	33	1822176021	Marie M. Stevens Timothy J. & Melissa A.	123 13TH AVE. NE	LOT 2 BLK 5 WINGS EAST FIRST ADD PARCEL 6 OF LOT 5 BLK 2 WINGS EAST	104.1	0.0	16,122	104.1	11,810	\$ 214,510.00		\$ 53,627.50 \$	·	1.0%	\$	-	\$ 6,787.52
	34	1822176054	Kane Travis D. & Lynn M.	120 12TH AVE. NE	FIRST ADD PARCEL 2 BEING PART OF LOTS 8 & 9	63.5	0.0	9,224	63.5	6,350	\$ 175,200.00		\$ 43,800.00 \$	·	0.6%	\$	-	\$ 3,870.46
	35	1822176057	Voshell	119 12TH AVE. NE 116 13TH AVE. NE	BLK 6 WINGS EAST FIRST ADD LOT 4 BLK 6 WINGS EAST FIRST ADD	78.0	0.0	8,811 14,172	78.0	6,400	\$ 123,840.00		\$ 30,960.00 \$	·	0.6%	\$	-	\$ 3,900.93 \$ 5,648.80
	37	1822176037 	Leo V. Walz, Jr. Margaret A. Fox	119 13TH AVE. NE	LOT 3 BLK 5 WINGS EAST FIRST ADD	105.0	0.0	18,160	105.0	13,801	\$ 233,180.00 \$ 162,790.00		\$ 58,295.00 \$ \$ 40,697.50 \$	·	1.1%	\$		\$ 7,443.79
	38	1822176055	Travis & Stephanie Phillips	116 12TH AVE. NE	PARCEL 5 OF LOTS 5 & 6 BLK 2 WINGS	63.5	0.0	9,462	63.5	5,652	\$ 102,790.00		\$ 22,032.50 \$	·	0.6%	\$	-	\$ 3,649.74
	39	1822176058	Andrew & Amy Gates	115 12TH AVE. NE	EAST FIRST ADD PARCEL 3 BEING PART OF LOT 9 BLK 6 WINGS EAST 1ST ADD & LOT 48 1ST ADD FAIRACRES	125.2	0.0	33,613	125.2	12,521	\$ 161,040.00		\$ 40,260.00 \$	·	1.2%	\$	-	\$ 7,631.81
	40	1822176016	Nick J. & Rhonda A. Cue	112 13TH AVE. NE	LOT 49 1ST ADD TO FAIRACRES	122.0	0.0	25,856	122.0	16,046	\$ 311,320.00	:	\$ 77,830.00 \$	8,652.28	1.3%	\$	-	\$ 8,652.28
	41	1822176015	Margaret A. Fox	N/A	LOT 56 1ST ADD TO FAIRACRES	84.0	0.0	14,532	84.0	8,400	\$ 32,697.00	2	\$ 8,174.25 \$	5,119.98	0.8%	\$	-	\$ 5,119.98
	42	1822176056	Troy A. & Jennifer L. Fitzpatrick	112 12TH AVE. NE	PARCEL 4 WINGS EAST FIRST ADD (BEING PART OF LOT 6 BLK 2)	60.0	0.0	12,548	60.0	6,774	\$ 106,810.00	;	\$ 26,702.50 \$	3,901.90	0.6%	\$	-	\$ 3,901.90
	43	1822176017	Michael J. & Sharon Rettinger	104 13TH AVE. NE	LOT 50 1ST ADD TO FAIRACRES	90.0	0.0	20,367	90.0	9,000	\$ 45,825.75	2	\$ 11,456.44 \$	5,485.69	0.8%	\$	-	\$ 5,485.69
	44	1822176014	Brian R. & Wendy K. Irvine	N/A	LOT 55 FAIRACRES 1ST ADD, OELWEIN	84.0	0.0	14,532	84.0	8,400	\$ 32,697.00	2	\$ 8,174.25 \$	5,119.98	0.8%	\$	-	\$ 5,119.98
	45	1822176004	Eric A. & Rebekah J. Pryor	1111 1ST ST. NE	LOT 45 1ST ADD TO FAIRACRES	120.0	0.0	21,803	120.0	17,216	\$ 119,900.00	;	\$ 29,975.00 \$	8,963.72	1.4%	\$	-	\$ 8,963.72
	46	1822176006	Travis H. & Jackie J. Larson Michael J. & Sharon	1203 1ST ST. NE	LOTS 46 & 47 1ST ADD TO FAIRACRES	180.0	0.0	32,400	180.0	18,000	\$ 197,090.00		\$ 49,272.50 \$		1.7%	\$	-	\$ 10,971.38
	47	1822176018	Rettinger	104 13TH AVE. NE	LOT 51 1ST ADD TO FAIRACRES N 36' LOT 54, FAIRACRES 1ST ADD TO	90.0	0.0	19,898	90.0	9,000	\$ 142,320.00		\$ 35,580.00 \$	·	0.8%	\$	-	\$ 5,485.69
	48	1822176065	Brian R. & Wendy K. Irvine	N/A	OELWEIN	36.0	0.0	6,228	36.0	3,600	\$ 14,013.00		\$ 3,503.25 \$	·	0.3%	\$ 	-	\$ 2,194.28
	49	1822176007	Timothy R. Benter	1207 1ST ST NE	LOT 52 1ST ADD TO FAIRACRES S 48' LOT 54, FAIRACRES 1ST ADD TO	67.0	0.0	27,599	67.0	6,700	\$ 173,720.00		\$ 43,430.00 \$		0.6%	\$	-	\$ 4,083.79
	50	182217613 	Nelma F. Chase Nelma F. Chase	1303 1ST ST. NE	OELWEIN LOT 53 1ST ADD TO FAIRACRES	48.0 104.0	0.0	8,304 17,992	48.0 104.0	4,800 10,400	\$ 18,684.00 \$ 150,260.00		\$ 4,671.00 \$ \$ 37,565.00 \$	·	0.5% 1.0%	\$	-	\$ 2,925.70 \$ 6,339.02
	V1	1022110011	I Volinia i . Oliase	TOUCHOT OF THE	LOT GO TOT ADD TOT AINAGRES	104.0	0.0								1.0/0	ΙΨ	-	
Notes:								TOTALS:	5,540.26	513,893.33	J		TOTAL \$	325,000.00		\$	-	\$325,000.00

Council Valuation Explanation: Based on Fayette Co Assessed Value of the lot and building.

² Council Valuation Empty Lots: Lot Value was set at \$2.25 per square foot. \$2.25

³ Deficiency is between the amount proposed to be assessed and the proportion of the estimated total cost of the improvement allocated to each lot (25% Valuation).

Last Update 2/19/2020 FOX PN: 1022-18A



1.02 TRAF 1.03 REMO 1.04 TEMF 2.01 TOPS 2.02 TOPS 2.03 CLAS 2.04 MOD 2.05 BELC 2.06 SUBO 2.07 EART 4.01 CONI 4.02 STOP 4.03 STOP 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	BID ITEM DIVISION 1 - GENERAL BILIZATION AFFIC CONTROL & STAGING MOVE/REINSTALL SIGNS MPORARY MAILBOX DIVISION 2 - EARTHWORK PSOIL, STRIP, SALVAGE, SPREAD PSOIL, FURNISH AND SPREAD ASS 10 - EXCAVATION FOR ROADWAY DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BEGRADE TREATMENT (CONTINGENCY) RITHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 DRM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	LS LS LS LS CY CY CY SY TON SY LS EA EA LF	80 145 425 1,955 100 1	\$25,000.00 \$5,000.00 \$2,000.00 \$1,000.00 \$1,000.00 \$26.00 \$20.00 \$8.50 \$25.00 \$20.00 \$2,500.00 \$2,500.00	\$25,000.00 \$5,000.00 \$2,000.00 \$1,000.00 \$1,000.00 \$3,770.00 \$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
1.02 TRAF 1.03 REMO 1.04 TEMF 2.01 TOPS 2.02 TOPS 2.03 CLAS 2.04 MOD 2.05 BELC 2.06 SUBO 2.07 EART 4.01 CONI 4.02 STOF 4.03 STOF 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	BILIZATION AFFIC CONTROL & STAGING MOVE/REINSTALL SIGNS MPORARY MAILBOX DIVISION 2 - EARTHWORK PSOIL, STRIP, SALVAGE, SPREAD PSOIL, FURNISH AND SPREAD ASS 10 - EXCAVATION FOR ROADWAY DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BEGRADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 DRM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	LS LS LS CY CY CY SY TON SY LS EA EA LF	80 145 425 1,955 150 100 1	\$5,000.00 \$2,000.00 \$1,000.00 \$1,000.00 \$20.00 \$20.00 \$8.50 \$25.00 \$20.00 \$2,500.00	\$5,000.00 \$2,000.00 \$1,000.00 \$1,600.00 \$3,770.00 \$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
1.02 TRAF 1.03 REMO 1.04 TEMF 2.01 TOPS 2.02 TOPS 2.03 CLAS 2.04 MOD 2.05 BELC 2.06 SUBO 2.07 EART 4.01 CONI 4.02 STOF 4.03 STOF 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	AFFIC CONTROL & STAGING MOVE/REINSTALL SIGNS MPORARY MAILBOX DIVISION 2 - EARTHWORK PSOIL, STRIP, SALVAGE, SPREAD PSOIL, FURNISH AND SPREAD ASS 10 - EXCAVATION FOR ROADWAY DIFFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BGRADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE DRM INTAKE, SW-501 DRM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	LS LS LS CY CY CY SY TON SY LS EA EA LF	80 145 425 1,955 150 100 1	\$5,000.00 \$2,000.00 \$1,000.00 \$1,000.00 \$20.00 \$20.00 \$8.50 \$25.00 \$20.00 \$2,500.00	\$5,000.00 \$2,000.00 \$1,000.00 \$1,600.00 \$3,770.00 \$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
1.03 REMO 1.04 TEME 2.01 TOPS 2.02 TOPS 2.03 CLAS 2.04 MOD 2.05 BELO 2.06 SUBO 2.07 EART 4.01 CONI 4.02 STOPS 4.03 STOPS 4.04 SUBO 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	MOVE/REINSTALL SIGNS MPORARY MAILBOX DIVISION 2 - EARTHWORK PSOIL, STRIP, SALVAGE, SPREAD PSOIL, FURNISH AND SPREAD ASS 10 - EXCAVATION FOR ROADWAY DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BGRADE TREATMENT (CONTINGENCY) RITHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE DRM INTAKE, SW-501 DRM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	LS LS CY CY CY SY TON SY LS EA EA LF	80 145 425 1,955 150 100 1	\$2,000.00 \$1,000.00 \$20.00 \$26.00 \$20.00 \$8.50 \$25.00 \$20.00 \$2,500.00	\$2,000.00 \$1,000.00 \$1,600.00 \$3,770.00 \$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
1.04 TEME 2.01 TOPS 2.02 TOPS 2.03 CLAS 2.04 MOD 2.05 BELC 2.06 SUBG 2.07 EART 4.01 CONI 4.02 STOF 4.03 STOF 4.04 SUBG 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 2 - EARTHWORK PSOIL, STRIP, SALVAGE, SPREAD PSOIL, FURNISH AND SPREAD ASS 10 - EXCAVATION FOR ROADWAY DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BERADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE DRM INTAKE, SW-501 DRM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	CY CY CY SY TON SY LS EA EA LF	80 145 425 1,955 150 100 1	\$1,000.00 \$20.00 \$26.00 \$20.00 \$8.50 \$25.00 \$20.00 \$20.00 \$2,500.00	\$1,000.00 \$1,600.00 \$3,770.00 \$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
2.01 TOPS 2.02 TOPS 2.03 CLAS 2.04 MOD 2.05 BELC 2.06 SUBC 2.07 EART 4.01 CON 4.02 STOP 4.03 STOP 4.04 SUBC 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 2 - EARTHWORK PSOIL, STRIP, SALVAGE, SPREAD PSOIL, FURNISH AND SPREAD ASS 10 - EXCAVATION FOR ROADWAY DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BGRADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE DRM INTAKE, SW-501 DRM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	CY CY CY SY TON SY LS	145 425 1,955 150 100 1	\$20.00 \$26.00 \$20.00 \$8.50 \$25.00 \$20.00 \$2,500.00	\$1,600.00 \$3,770.00 \$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
2.02 TOPS 2.03 CLAS 2.04 MOD 2.05 BELC 2.06 SUBC 2.07 EART 4.01 CON 4.02 STOP 4.03 STOP 4.04 SUBC 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	PSOIL, STRIP, SALVAGE, SPREAD PSOIL, FURNISH AND SPREAD ASS 10 - EXCAVATION FOR ROADWAY DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BGRADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	CY CY SY TON SY LS	145 425 1,955 150 100 1	\$26.00 \$20.00 \$8.50 \$25.00 \$20.00 \$2,500.00	\$3,770.00 \$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
2.02 TOPS 2.03 CLAS 2.04 MOD 2.05 BELC 2.06 SUBC 2.07 EART 4.01 CONI 4.02 STOP 4.03 STOP 4.04 SUBC 5.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	PSOIL, STRIP, SALVAGE, SPREAD PSOIL, FURNISH AND SPREAD ASS 10 - EXCAVATION FOR ROADWAY DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BGRADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	CY CY SY TON SY LS	145 425 1,955 150 100 1	\$26.00 \$20.00 \$8.50 \$25.00 \$20.00 \$2,500.00	\$3,770.00 \$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
2.02 TOPS 2.03 CLAS 2.04 MOD 2.05 BELC 2.06 SUBC 2.07 EART 4.01 CON 4.02 STOP 4.03 STOP 4.04 SUBC 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	PSOIL, FURNISH AND SPREAD ASS 10 - EXCAVATION FOR ROADWAY DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BGRADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	CY CY SY TON SY LS	145 425 1,955 150 100 1	\$26.00 \$20.00 \$8.50 \$25.00 \$20.00 \$2,500.00	\$3,770.00 \$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
2.03 CLAS 2.04 MOD 2.05 BELC 2.06 SUBG 2.07 EART 4.01 CON 4.02 STOF 4.03 STOF 4.04 SUBG 5.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	ASS 10 - EXCAVATION FOR ROADWAY DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BGRADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	CY SY TON SY LS EA EA	425 1,955 150 100 1	\$20.00 \$8.50 \$25.00 \$20.00 \$2,500.00 \$1,500.00	\$8,500.00 \$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
2.04 MOD 2.05 BELC 2.06 SUBC 2.07 EART 4.01 CON 4.02 STOR 4.03 STOR 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIFIED SUBBASE, 6-INCH LOW GRADE EXCAVATION (CORE OUT FOR ROADWAY) BGRADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	SY TON SY LS EA EA	1,955 150 100 1	\$8.50 \$25.00 \$20.00 \$2,500.00 \$1,500.00	\$16,617.50 \$3,750.00 \$2,000.00 \$2,500.00
2.05 BELC 2.06 SUBG 2.07 EART 4.01 CONI 4.02 STOR 4.03 STOR 4.04 SUBG 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 5 - WATER MAIN AND APPURTENANCES	TON SY LS EA EA LF	150 100 1	\$25.00 \$20.00 \$2,500.00 \$1,500.00	\$3,750.00 \$2,000.00 \$2,500.00
2.06 SUBO 2.07 EART 4.01 CON 4.02 STON 4.03 STON 4.04 SUBO 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	BGRADE TREATMENT (CONTINGENCY) RTHWORK COMPACTION TESTING DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	SY LS EA EA LF	100	\$20.00 \$2,500.00 \$1,500.00	\$2,000.00 \$2,500.00
2.07 EART 4.01 CONI 4.02 STOR 4.03 STOR 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	EA EA LF	3	\$2,500.00 \$1,500.00	\$2,500.00
4.01 CON 4.02 STOR 4.03 STOR 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION (NOT USED) DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	EA EA LF		\$1,500.00	
4.02 STOR 4.03 STOR 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 4 - SEWERS AND DRAINS NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	EA LF		. ,	\$4,500.00
4.02 STOR 4.03 STOR 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	NNECT TO EXISTING STRUCTURE ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	EA LF		. ,	\$4,500.00
4.02 STOR 4.03 STOR 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	EA LF		. ,	\$4,500.00
4.02 STOR 4.03 STOR 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	ORM INTAKE, SW-501 ORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	EA LF		. ,	- · · · · · · · · · · · · · · · · · · ·
4.03 STOR 4.04 SUBI 5.01 ADJU 6.01 MAN 7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DRM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN BDRAIN, 4-INCH DIVISION 5 - WATER MAIN AND APPURTENANCES	LF		* 1. DUU. UU	\$14,000.00
7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 5 - WATER MAIN AND APPURTENANCES		355	\$70.00	\$24,850.00
7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 5 - WATER MAIN AND APPURTENANCES	l LF	100	\$20.00	\$2,000.00
7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA				7-000	+-/
7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA		F.		+250.00	±4.750.00
7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	JUSTMENT OF FIXTURES	EA	5	\$350.00	\$1,750.00
7.01 PAVE 7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS				
7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	NHOLE ADJUSTMENT	EA	2	\$1,000.00	\$2,000.00
7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	DIVISION 7 - PAVEMENT AND APPURTENANCES	 			
7.02 MILL 7.03 HMA 7.04 HMA 7.05 HMA	VEMENT REMOVAL AND DISPOSITION	SY	2,733	\$10.00	\$27,326.67
7.03 HMA 7.04 HMA 7.05 HMA	LING, PCC PAVEMENT	SY	83	\$40.00	\$3,306.67
7.04 HMA 7.05 HMA	A LEVELING COURSE, 1/2" MIX, 1" DEPTH	SY	8,355	\$5.25	\$43,863.75
7.05 HMA	A INTERLAYER, 3/8" MIX, 1" DEPTH	SY	8,355	\$7.00	\$58,485.00
	A OVERLAY (ST), 1/2" MIX, 1-1/2" DEPTH	SY	8,355	\$7.50	\$62,662.50
7.00 1.701	VING, HANDWORK, 7-INCH HMA OR PCC	SY	1,857	\$65.00	\$120,683.33
	ANULAR SURFACING, CLASS A	TON	44	\$40.00	\$1,760.00
		SY	114	\$80.00	
	IVEWAY, PAVED, PCC, 6-INCH	SY	140	·	\$9,155.56 \$9,100.00
	VING, SIDEWALK	SF		\$65.00 ¢65.00	\$9,100.00
	TECTABLE WARNINGS		180	\$65.00	\$11,700.00
	W CUTS VEMENT SAMPLES AND TESTING	LF LS	734	\$5.00	\$3,670.00 \$2,500.00
7.12 PAVE	VEMENT SAMPLES AND TESTING	LS	1	\$2,500.00	\$2,500.00
	DIVISION 8 - TRAFFIC SIGNALS (NOT USED)				
	DIVISION 9 - SITE WORK AND LANDSCAPING				
	EDING, FERTILIZING, AND MULCHING - TYPE 1	AC	0.5	\$4,000.00	\$2,000.00
9.02 FILTI	TER SOCK INSTALL & REMOVAL	LF	200	\$5.00	\$1,000.00
	Construction Subtotal				\$478,050.97
					<u> </u>
	3% Contingency				\$14,341.53
	Assessments & Meetings				\$17,000.00
		1			\$140,000.00
	Engineering, Bidding, Admin, Staking, & Observation	I			\$650,000.00