CITY MANAGER'S REPORT APRIL 8, 2019, CITY COUNCIL REGULAR MEETING

ITEM:

ACCEPTANCE OF RIVER ISLANDS PUBLIC

IMPROVEMENTS FOR TRACTS 3836, 3837, 3838,

3912, 3913, 3914 AND 3938

RECOMMENDATION:

Adopt Resolution Accepting River Islands Public

Improvements for Tracts 3836, 3837, 3838, 3912,

3913, 3914 and 3938

SUMMARY:

River Island Development, LLC (RID), has completed construction of the public improvements listed in the GASB 34 reports (Attachment "C") for Tracts 3836, 3837, 3838, 3912, 3913, 3914 and 3938 ("Tracts") in accordance with their Subdivision Improvement Agreements (SIA). These improvements have been inspected by the City Engineer and have been deemed complete. The cost to maintain these public improvements will be covered through a combination of the existing City of Lathrop (City) and RIPFA Community Facilities Districts (CFDs).

One-year maintenance bonds, based on 10% of the construction costs per tract have been provided. Staff recommends City Council accept the public improvements for the Tracts for maintenance.

BACKGROUND:

Vesting Tentative Map (VTM) 3694 was approved by City Council on March 27, 2007, and amended on June 1, 2015, with updated conditions of approval. The Tracts, as proposed by RID, the Subdivider, complies with the amended conditions of approval of VTM 3694.

The land for the Tracts are within the geographic boundaries of Vesting Tentative Map (VTM) 3694 (Phase 1B), which included a Neighborhood Design Plan, Architectural Guidelines, Design Standards (AG/DS) and Parks Master Plan for the East Village neighborhood located west of the CSRB neighborhood with RID.

The following public facilities will be maintained by the City:

- 1. Streets (asphalt, sidewalks, striping and signage)
- 2. Utilities (water, sewer and storm)

As required by the City's subdivision ordinance, all final maps included a SIA to guarantee certain public improvements associated with the final map. The public improvements listed in Attachment C for the Tracts are complete.

CITY MANAGER'S REPORT APRIL 8, 2019, CITY COUNCIL REGULAR MEETING ACCEPTANCE OF PUBLIC IMPROVEMENTS FOR TRACTS 3836, 3837, 3838 3912, 3913, 3914, AND 3938

The following table is included to provide reference information for future inquires for these tracts. City Council's acceptance date for resolutions corresponding to each tract's final map, village letter, total number of lots, maintenance bond number and bond amount are provided for this reason.

Village and Final Map Tract No.	Council Acceptance Date	Resolution #	Tracts Included	No. of Lots	Maintenance Bond # & Amount
	1/23/2017	17-4175	3836	26	
Village	1/29/2018	18-4434	3912	25	681492/\$324,600
O/3836	4/13/2018	18-4337	3913	24	
,	8/13/2018	18-4383	3914	26	
Village P/3837	1/23/2017	18-4361	3837	46	757324/\$141,700
Village Q/3838	4/6/2017	17-4313	3838	39	681502/\$489,800
	10/8/2018 18-4459 3938 38		- 001302/ \$403,000		

REASON FOR RECOMMENDATION:

The City Engineer has inspected the Tracts and confirmed that the improvements listed in Attachment C have been completed in accordance with City specifications. Developer will submit a lien release for the improvements being accepted. Staff has received the one-year maintenance bonds and AutoCAD files for said improvements. Staff recommends accepting the improvements identified in Attachment C for the Tracts in order for the City to provide maintenance.

FISCAL IMPACT:

The City's maintenance costs will increase because of the additional improvements that have to be maintained. The one-year maintenance bonds cover repairs or replacements which may become necessary during the one-year period because of defective materials or workmanship in connection with the completed improvements. The City's Service Maintenance CFD 13-1 has been established to further fund City maintenance and operating costs. The developer is responsible for maintenance costs for the first year. The estimated revenues and appropriation will therefore be included in the Fiscal Year 19-20 budget. Maintenance costs that are the responsibility of RIPFA or RD 2062 will be funded by the RIPFA CFD 2013-1 and by direct assessments by RD 2062.

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ACCEPTANCE OF PUBLIC IMPROVEMENTS FOR TRACTS 3836, 3837, 3838
3912, 3913, 3914, AND 3938

ATTACHMENTS:

- A. Resolution Accepting River Islands Public Improvements for Tracts 3836, 3837, 3838, 3912, 3913, 3914, and 3938
- B. Location Map
- C. GASB 34 Reports

CITY MANAGER'S REPORT PAGE 5 APRIL 8, 2019, CITY COUNCIL REGULAR MEETING ACCEPTANCE OF PUBLIC IMPROVEMENTS FOR TRACTS 3836, 3837, 3838 3912, 3913, 3914, AND 3938

APPROVALS:	
Steven J. Medina Assistant Engineer	<u>4/1/19</u> Date
Michael King Assistant Director of Public Works	<u>ч-1-19</u> Date
Glenr Gebhardt City Engineer	<u> </u>
For Vances & Pero. Cari James Finance & Administrative Services Director	4·3·19 Date
Salvador Navarrete City Attorney	<u> </u>
Stephen J. Salvatore City Manager	4.3.19 Date

RESOLUTION NO. 19-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LATHROP ACCEPTING RIVER ISLANDS PUBLIC IMPROVEMENTS FOR TRACTS 3836, 3837, 3838, 3912, 3913, 3914, AND 3938

WHEREAS, on March 27, 2007, the City Council approved Vesting Tentative Map No. 3694 (VTM 3694) with Conditions of Approval for a residential and commercial development that is consistent with the West Lathrop Specific Plan (WLSP) and the River Islands Urban Design Concept (UDC); and

WHEREAS, the land for the 3836, 3837, 3838, 3912, 3913, 3914, and 3938 ("Tracts") are within the geographic boundaries of Vesting Tentative Map (VTM) 3694 (Phase 1B), which included a Neighborhood Design Plan, Architectural Guidelines, Design Standards (AG/DS) and Parks Master Plan for the East Village neighborhood located west of the CSRB neighborhood with River Islands Development, LLC (RID); and

WHEREAS, as required by the subdivision ordinance, all final maps included a Subdivision Improvement Agreements (SIA) to guarantee certain public improvements associated with the final map; and

WHEREAS, the public improvements for the Tracts listed on Attachment C to the staff report dated April 8, 2019, have been inspected by the City Engineer and deemed complete; and

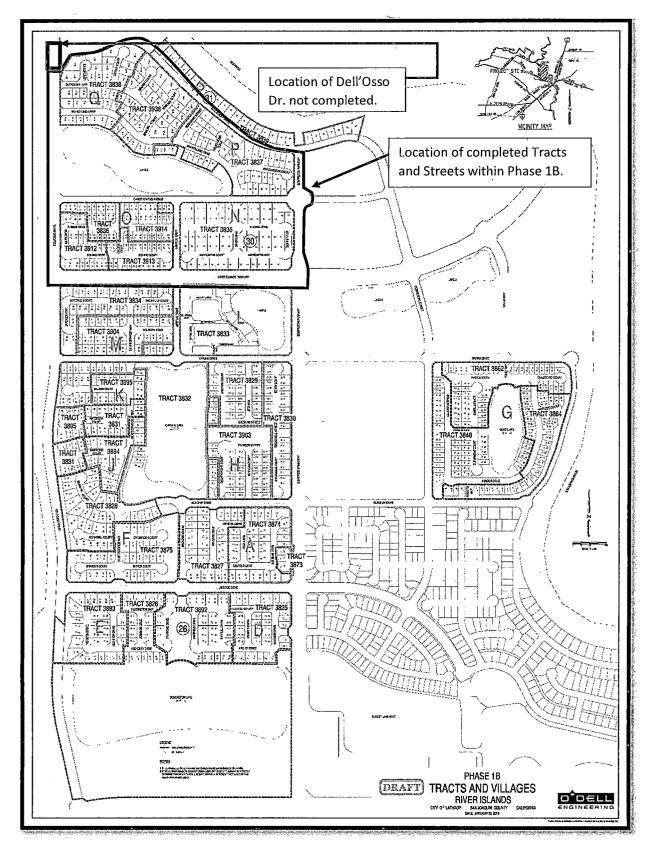
WHEREAS, the cost to maintain these public improvements will be covered through a combination of the existing City, River Islands Public Financing Authority (RIPFA) Community Facilities Districts (CFDs) and direct assessments by RD 2062; and

WHEREAS, one-year maintenance bonds have been received to secure RID's obligation to maintain all improvements and repair or correct any defective work; and

WHEREAS, staff is recommending the acceptance of public improvements in Attachment C, referenced above, for maintenance as part of the acceptance of the public improvements for the Tracts.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Lathrop approves Public Improvements for Tracts 3836, 3837, 3838, 3912, 3913, 3914, and 3938 in the River Islands Developer at Lathrop.

The foregoing resolution was p by the following vote of the City Coun	passed and adopted this 8 th day of April, 2019, cil, to wit:
AYES:	
NOES:	
ABSTAIN:	
ABSENT:	
	Sonny Dhaliwal, Mayor
ATTEST:	APPROVED AS TO FORM:
Teresa Vargas, City Clerk	Salvador Navarrete, City Attorney



Location Map

Submitted by:	O'Dell Engineering	.,	_			Date:		3/20/2018
Tract No.:	River Islands Village O - Tract 3836 (26 Lots)	·						
	<u>Item</u>		<u>Unit</u>	<u>Qty</u>	<u>U</u>	nit Price		<u>Amount</u>
	4.5" AC Paving		SF	6,800	\$	2.25	\$	15,300.00
,	8" Aggregate Base		SF _	6,800	\$	1.20	\$	8,160.00
	Roll Curb and Gutter (With AB Cushion)		LF _	460	\$	15.00	\$	6,900.00
	Concrete Sidewalk	8	SF _	2,300	\$	5.00	\$	11,500.00
	Driveway Approach		EA _	26	\$	600.00	\$	15,600.00
•	Signage & Striping	•	LF _	230	\$	5.00	\$	1,150.00
·	15" Storm Drain Pipe	_	LF _	230	\$.	34.00	\$	7,820.00
	4" Sewer Laterals		EA _	26	\$	600.00	\$	15,600.00
	8" Sanitary Sewer Pipe		LF _	230	\$	28.00	\$	6,440.00
	Sewer Manholes		EA _	1	\$	4,000.00	\$	4,000.00
	8" Water Line (including all appurtenances)		LF	230	\$	32.00	\$	7,360.00
	1-1/2" Water Services		EA _	26	\$	2,000.00	\$	52,000.00
	8" GV		EA _	1	\$	1,550.00	\$	1,550.00
	•			,		Total`	. \$: 153,000.00

Submitted by: O'Dell Engineering Date 5/7/2018 Tract No.: River Islands Village P - Tract 3837 (46 Lots) Item Unit Qty Unit Price Amount 3" AC Paving SF 30,700 1.50 46,050.00 4.5" AC Paving SF 39,400 \$ 2.25 88,650.00 6" Aggregate Base SF 8,750 \$ 0.90 7,875.00 7" Aggregate Base SF 21,950 \$ 1.05 23,047.50 8" Aggregate Base SF 39,400 \$ 1.20 47,280.00 Vertical Curb and Gutter (with AB cushion) LF 970 \$ 15.00 14,550.00 Roll Curb and Gutter (with AB cushion) LF 2,950 \$ 15.00 44,250.00 Median Vertical Curb (with AB cushion) LF 180 \$ 18.00 3,240.00 Valley Gutter (4' wide) LF 45 \$ 35.00 1,575.00 Concrete Sidewalk SF 23,100 \$ 5.00 115,500.00 Driveway Approach EΑ 42 \$ 600.00 25,200.00 Handicap Ramps EΑ 7 \$ 2,500.00 \$ 17,500.00 Survey Monuments EΑ 9 \$ 300.00 2,700.00 Traffic Striping & Signage LF 1,910 \$ 5.00 \$ 9,550.00 Catch Basins (type A inlet over type I manhole base) EΑ 12 \$ 2,800.00 33,600.00 Catch Basins (type A inlet over type II manhole base) EΑ 1 \$ 5,000.00 5,000.00 15" Storm Drain Pipe LF 560 \$ 34.00 \$ 19,040.00 18" Storm Drain Pipe LF 620 \$ 46.00 28,520.00 24" Storm Drain Pipe LF 130 \$ 65.00 \$ 8,450.00 36" Storm Drain Pipe LF 70 \$ 95.00 6,650.00 42" Storm Drain Pipe LF 90 \$ 120.00 10,800.00 Manholes (type I) EΑ 1 \$ 3,000.00 \$ 3,000.00 8" Sanitary Sewer Pipe LF 1,860 28.00 52,080.00 Sewer Service EΑ 43 \$ 600.00 \$ 25,800.00 Manholes 10 \$ 4,000.00 \$ 40,000.00 8" Water Line, (including all appurtenances) 1,970 32.00 63,040.00 1-1/2" Water Services 47 2,000.00 \$ 94,000.00 Fire Hydrants EΑ 4 \$ 4,000.00 \$ 16,000.00 2" Water Service Stub EΑ 2 2,000.00 4,000.00 Blow Off Valve EΑ 2 \$ 4,000.00 8,000.00 2 Air Release Valve EΑ \$ 2,500.00 5,000.00 Resilient Valve EΑ 10 \$ 1,550.00 \$ 15,500.00

Total

\$

885,000.00

Submitted by	O'Dell Engineering				Date:		3/21/2018
Tract No.:	River Islands Village Q - Tract 3838 (39 Lots)						
	<u>Item</u>	<u>Unit</u>	<u>Qty</u>	<u>L</u>	Init Price		Amount
	3" AC Paving	SF	21,300	\$	1.50	\$	31,950.00
	4.5" AC Paving	SF	34,600	\$	2.25		77,850.00
	6" Aggregate Base	SF	21,300	\$	0.90	\$ \$ \$ \$ \$ \$ \$ \$	19,170.00
	8" Aggregate Base	SF	34,600	\$	1.20	\$	41,520.00
	Vertical Curb and Gutter (With AB Cushion)	LF	400	\$	15.00	\$	6,000.00
	Roll Curb and Gutter (With AB Cushion)	LF	2,910	\$	15.00	\$	43,650.00
	Concrete Sidewalk	SF	16,400	\$	5.00	\$	82,000.00
	Driveway Approach	EA -	39	\$	600.00	\$	23,400.00
	Handicap Ramps	EA	4	\$	2,500.00	\$	10,000.00
	Signage & Striping	LF	1,580	\$	5.00	\$	7,900.00
	Survey Monuments	EA _	9	\$	300.00	\$	2,700.00
	Catch Basins (Type A Inlet)	EA	6	\$	2,400.00	\$	14,400.00
	Catch Basins (Type A Inlet over Type I Manhole Base)	EA -	4	\$	2,800.00		11,200.00
	15" Storm Drain Pipe	LF	890	\$	34.00	\$ \$ \$	30,260.00
	18" Storm Drain Pipe	LF -	260	\$	46.00	\$	11,960.00
	24" Storm Drain Pipe	LF _	220	\$	65.00	\$	14,300.00
	4" Sewer Laterals	EA	39	\$	600.00	\$	23,400.00
	8" Sanitary Sewer Pipe	LF -	1,510	\$	28.00	-\$	42,280.00
	Sewer Manholes	EA _	9	\$	4,000.00	\$	36,000.00
	8" Water Line (including all appurtenances)	LF	1,650	\$	32.00	\$	52,800.00
	1-1/2" Water Services	EA	39	\$	2,000.00	\$	78,000.00
	Fire Hydrants	EA -	4	\$	4,000.00		16,000.00
	Blow Off Valve	EA -	2	\$	4,000.00	\$	8,000.00
	Air Release Valve	EA -	2		2,500.00	\$ \$ \$	5,000.00
	8" Gate Valve	EA -	7	\$	1,550.00	\$	10,850.00
		_			Total	\$	701,000.00

Submitted by:	O'Dell Engineering	_)ate	e:	3	3/20/2018
Tract No.:	River Islands Village O - Tract 3912 (25 Lots)	_					
	<u>Item</u>	<u>Unit</u>	<u>Qty</u>	<u>U</u>	nit Price		Amount
	3" AC Paving	SF	10,000	\$	1.50	\$	15,000.00
	4.5" AC Paving	SF	17,600	\$	2.25	\$	39,600.00
	7" Aggregate Base	SF	10,000	\$	1.05	\$	10,500.00
	8" Aggregate Base	SF	17,600	\$	1.20	\$ \$ \$	21,120.00
	Vertical Curb and Gutter (With AB Cushion)	LF	630	\$	15.00	\$	9,450.00
	Roll Curb and Gutter (With AB Cushion)	ĻF _	1,010	\$	15.00	\$	15,150.00
	Concrete Sidewalk	SF	8,200	\$	5.00	\$	41,000.00
•	Driveway Approach	EA _	25	\$	600.00	\$	15,000.00
	Signage & Striping	LF	830	\$	5.00	\$	4,150.00
	Survey Monuments	EA _	2	\$	300.00	\$	600.00
	Catch Basins (Type A Inlet over Type I Manhole Base)	EA	4	\$	2,800.00	\$	11,200.00
	15" Storm Drain Pipe	LF _	370	\$.	34.00	\$	12,580.00
	4" Sewer Laterals	EA	. 25	\$	600.00	\$	15,000.00
	8" Sanitary Sewer Pipe	LF -	530	\$	28.00	\$	14,840.00
	Sewer Manholes	EA _	. 3	\$	4,000.00	\$	12,000.00
	8" Water Line (including all appurtenances)	LF	840	\$	32.00	\$	26,880.00
	1-1/2" Water Services	EA -	25	\$	2,000.00		50,000.00
	Fire Hydrants	EA	2	\$	4,000.00	\$	8,000.00
	8" GV	EA -	2	\$	1.550.00	\$	3,100.00
		-			Total	\$	325,000.00

Submitted by	: O'Dell Engineering		Į.	Date	e:		3/20/2018
Tract No.:	River Islands Village O - Tract 3913 (24 Lots)						
	<u>Item</u>	Unit	Qty	Ĺ	Init Price		<u>Amount</u>
	3" AC Paving	SF	20,600	\$	1.50	\$	30,900.00
	4.5" AC Paving	SF	5,800	\$	2.25		13,050.00
	7" Aggregate Base	SF	20,600	\$	1.05	-\$	21,630.00
	8" Aggregate Base	SF	2,800	\$	1.20	-\$	3,360.00
	Vertical Curb and Gutter (With AB Cushion)	LF	440	\$	15.00	\$	6,600.00
	Roll Curb and Gutter (With AB Cushion)	LF	1,110	\$	15.00	\$	16,650.00
	Concrete Sidewalk	SF	7,600	\$	5.00	-\$	38,000.00
	Driveway Approach	EA	24	\$	600.00	\$	14,400.00
	Handicap Ramps	EA	2	\$	2,500.00	\$ \$ \$ \$ \$ \$	5,000.00
	Signage & Striping	LF	740	\$	5.00	\$	3,700.00
	Survey Monuments	EA	3	\$	300.00	\$	900.00
	Catch Basins (Type A Inlet over Type I Manhole Base)	EA	5	-\$	2,800.00	\$	14,000.00
	15" Storm Drain Pipe	LF	550	\$	34.00	\$	18,700.00
	24" Storm Drain Pipe	· LF	180	\$	65.00	\$	11,700.00
	Storm Drain Manholes (Type I)	EA	1	\$	3,000.00	\$	3,000.00
	4" Sewer Laterals	EA	24	\$	600.00	\$	14,400.00
	8" Sanitary Sewer Pipe	LF	880	\$	28.00	\$	24,640.00
	Sewer Manholes	EA	3	\$	4,000.00	\$	12,000.00
	8" Water Line (including all appurtenances)	. LF	900	\$	32.00	\$	28,800.00
	1-1/2" Water Services	EA	24	\$	2,000.00	. \$	48,000.00
	Fire Hydrants	EA	2	\$	4,000.00	\$	8,000.00
	Water Blow Off Valve	EA	1	\$	4,000.00	\$ \$ \$	4,000.00
	8" GV	EA	4	\$	1,550.00	\$	6,200.00
			•		Total	\$	348,000.00

Submitted by:	O'Dell Engineering		Date:			;	3/20/2018
Tract No.:	River Islands Village O - Tract 3914 (26 Lots)						
	Item	Unit	Qty	ι	Jnit Price		Amount
	3" AC Paving	SF			1.50	\$	
	4.5" AC Paving	SF _	56,400	\$	2.25	\$	126,900.00
	7" Aggregate Base	SF -		\$	1.05	\$	
	8" Aggregate Base	SF _	56,400	\$	1.20	\$	67,680.00
	Vertical Curb and Gutter (With AB Cushion)	LF _	1,680	\$	15.00	\$	25,200.00
	Roll Curb and Gutter (With AB Cushion)	LF -	1,610	\$	15.00	\$	24,150.00
	Median Vertical Curb (With AB Cushion)	LF _	380		15.00	\$	5,700.00
	Concrete Sidewalk	SF _	14,300	\$	5.00	\$	71,500.00
	Driveway Approach	EA -	26	\$	600.00	\$	15,600.00
	Handicap Ramps	EA -	7	\$	2,500.00	\$	17,500.00
	Signage & Striping	LF -	1,180	\$	5.00	\$	5,900.00
	Survey Monuments	EA _	3	\$	300.00	\$	900.00
	Catch Basins (Type A Inlet over Type I Manhole Base)	EA	8	-\$	2,800.00		22,400.00
	Catch Basins (Type A Inlet over Type II Manhole Base)	EA -	2	\$	5,000.00	\$	10,000.00
	15" Storm Drain Pipe	LF -	520	\$	34.00	\$	17,680.00
	18" Storm Drain Pipe	LF -	220	<u>Ψ</u>	46.00	\$	10,120.00
	24" Storm Drain Pipe	LF -	360	\$ \$	65.00	\$	23,400.00
	30" Storm Drain Pipe	LF -	250	\$	80.00	\$	20,000.00
	36" Storm Drain Pipe	LF -	140	\$	95.00	\$	13,300.00
	42" Storm Drain Pipe	LF -	70	\$	120.00	\$	8,400.00
	Storm Drain Manholes (Type II)	EA -	. 3	\$	5,000.00	\$	15,000.00
•	Otomi Diam Marmoles (Type II)			φ	3,000.00	_Φ	13,000.00
	4" Sewer Laterals	EA	27	\$	600.00	\$	16,200.00
	8" Sanitary Sewer Pipe	LF _	1,750	\$	28.00	\$	49,000.00
	Sewer Manholes	EA _	8	\$	4,000.00	\$	32,000.00
	8" Water Line (including all appurtenances)	LF	820	\$	32.00	\$	26,240.00
	10" Water Line	LF _	970	\$	40.00	\$	38,800.00
	1" Water Services	EA _	1	\$	800.00	\$	800.00
	1-1/2" Water Services	EA _	26	\$	2,000.00	\$	52,000.00
	2" Water Services	EA _	2		\$2,000.00	\$	4,000.00
	4" Water Service	EA _	1		\$2,000.00	\$	2,000.00
	Fire Hydrants	EA -	3	\$	4,000.00	\$	12,000.00
	8" GV	EA _	10	\$	1,550.00	\$	15,500.00
	6" Non-Potable Line	LF	12	\$	35.00	\$	420.00
	16" Non-Potable Line	LF _	970	\$	80.00	\$	77,600.00
	4" Non-Potable Service	EA -	1	\$	2,000.00	\$	2,000.00
	GV	EA -	1	\$	2,500.00	\$	2,500.00
	Butterfly Valve	EA	1	\$	4,000.00	\$	4,000.00
						•	000 000 00

Total

836,000.00

Submitted by:	O'Dell Engineering				Date:	3	3/21/2018
Tract No.:	River Islands Village Q - Tract 3938 (38 Lots)						
	ltem	<u>Unit</u>	Qty	L	Init Price		Amount
	3" AC Paving	SF	27,300	\$	1.50	\$	40,950.00
	4.5" AC Paving	SF	31,700	\$	2.25		71,325.00
	6" Aggregate Base	SF	27,300	\$	0.90	\$ \$	24,570.00
	8" Aggregate Base	SF	31,700	\$	1.20	\$	38,040.00
	Vertical Curb and Gutter (With AB Cushion)	LF _	480	\$	15.00	\$	7,200.00
	Roll Curb and Gutter (With AB Cushion)	LF -	2,920	\$	15.00	\$ \$ \$	43,800.00
	Concrete Sidewalk	SF _	16,900	\$	5.00	\$	84,500.00
	Driveway Approach	EA _	38	\$	600.00	\$	22,800.00
	Handicap Ramps	EA	6	\$	2,500.00	\$	15,000.00
	Signage & Striping	LF	1,680	\$	5.00	\$	8,400.00
	Survey Monuments	EA _	17	\$	300.00	\$	5,100.00
	Catch Basins (Type A Inlet over Type I Manhole Base)	EA	7	\$	2,800.00	\$	19,600.00
	Catch Basins (Type A Inlet over Type II Manhole Base)	EA -	3	\$	5,000.00		15,000.00
	15" Storm Drain Pipe	LF -	170	\$	34.00	<u>\$</u>	5,780.00
	24" Storm Drain Pipe	LF -	710	\$	65.00	<u>\$</u>	46,150.00
	30" Storm Drain Pipe	LF _	230	\$	80.00	<u>\$</u>	18,400.00
	36" Storm Drain Pipe	LF _	250	\$	95.00	\$ \$ \$ \$	23,750.00
	4ll Occurred about		0.0	•	000.00	•	00.000.00
	4" Sewer Laterals	EA LF	38	\$	600.00	\$	22,800.00
	8" Sanitary Sewer Pipe		1,740	\$	28.00	\$	48,720.00
	Sewer Manholes	EA _	10	\$	4,000.00	_\$	40,000.00
	8" Water Line (including all appurtenances)	LF _	1,740	\$	32.00	\$	55,680.00
	1-1/2" Water Services	EA _	38	\$	2,000.00	\$ \$ \$ \$ \$	76,000.00
	Fire Hydrants	EA _	3	\$	4,000.00	\$	12,000.00
	Water Sampling Station	EA	1	\$	3,000.00	\$	3,000.00
	Blow Off Valve	EA	2	\$	4,000.00	\$	8,000.00
	Air Release Valve	EA	2	\$	2,500.00	\$	5,000.00
	8" Gate Valve	EA _	10	\$	1,550.00	\$	15,500.00
					Total	\$	777,000.00

Submitted by:	O'Dell Engineering	_			Date:		5/7/2018
Tract No.:	River Islands - Phase 1D1 Somerston Parkway North						
	<u>Item</u>	<u>Unit</u>	Qty	<u>U</u>	Init Price		Amount
	4.5" AC Paving	SF _	45,100	\$	2.25	\$	101,475.00
	8" Aggregate Base	SF _	3,930		1.20		4,716.00
	10" Aggregate Base	SF	41,200	. \$	1.50	\$	61,800.00
	Roundabout Concrete	SF	1,900	\$	5.00	\$	9,500.00
	Vertical Curb and Gutter (with AB cushion)	LF _	2,200	\$ \$ \$ \$	15.00	\$ \$ \$ \$	33,000.00
	Type F Median Curb (with AB cushion)	LF _	2,200	\$	18.00	\$	39,600.00
	Concrete Sidewalk	SF	14,500	\$	5.00	\$	72,500.00
	Handicap Ramps	EA -	8	\$	2,500.00	\$	20,000.00
	Survey Monuments	EA	1	\$	300.00	\$	300.00
	Traffic Striping & Signage	LF _	1,270	\$	5.00	\$	6,350.00
	Catch Basins (type A inlet over type I manhole base)	EA	6	\$	2,800.00	\$	16,800.00
	15" Storm Drain Pipe	LF	490	\$	34.00	\$	16,660.00
	18" Storm Drain Pipe	LF _	210	\$	46.00	\$	9,660.00
	24" Storm Drain Pipe	LF _	580	\$	65.00	\$	37,700.00
	Manholes (type I)	EA _	1	\$	3,000.00	\$	3,000.00
	8" Sanitary Sewer Pipe	LF	1,120	\$	28.00	\$	31,360.00
	Manholes	EA _	4	\$	4,000.00	\$	16,000.00
	Sanitary Sewer Plug & Stub	EA _	3	\$	1,000.00	\$	3,000.00
	8" Water Line (including all appurtenances)	LF	120	\$	32.00	\$	3,840.00
	10" Water Line (including all appurtenances)	LF _	1,240	\$	40.00		49,600.00
	Fire Hydrants	EA -	3	\$	4,000.00	\$ \$ \$	12,000.00
	Water Plug & Stub	EA	2	\$	1,000.00	\$	2,000.00
	Blow Off Valve	EA	2	\$	4,000.00	\$	8,000.00
	Resilient Valve	EA _	8	\$	1,550.00	\$	12,400.00
	16" Non-Potable Water Line (including all appurtenances)	LF _	670	\$	80.00	\$	53,600.00
	Butterfly Valve	EA _	1	\$	4,000.00	\$	4,000.00
					Total	\$	629,000.00

River Islands - Dell'Osso Drive Item Unit Qty Unit Price Amount 3" AC Paving (pavement trail) SF 69,000 \$ 1.50 \$ 103,500.00 4.5" AC Paving SF 182,600 \$ 2.25 \$ 410,850.00 4" Aggregate Base (pavement trail) SF 69,000 \$ 0.60 \$ 41,400.00 10" Aggregate Base SF 182,600 \$ 1.50 \$ 273,900.00 Roundabout Concrete SF 1,900 \$ 5.00 \$ 9,500.00 Vertical Curb and Gutter (with AB cushion) LF 9,200 \$ 15.00 \$ 138,000.00 Type F Median Curb (with AB cushion) LF 530 \$ 18.00 \$ 9,540.00 Concrete Sidewalk SF 72,650 \$ 5.50 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 3,300.00 Field Inlets (d < 8') EA 12
3" AC Paving (pavement trail) SF 69,000 \$ 1.50 \$ 103,500.00 4.5" AC Paving SF 182,600 \$ 2.25 \$ 410,850.00 4" Aggregate Base (pavement trail) SF 69,000 \$ 0.60 \$ 41,400.00 10" Aggregate Base SF 182,600 \$ 1.50 \$ 273,900.00 Roundabout Concrete SF 1,900 \$ 5.00 \$ 9,500.00 Vertical Curb and Gutter (with AB cushion) LF 9,200 \$ 15.00 \$ 138,000.00 Type F Median Curb (with AB cushion) LF 530 \$ 18.00 \$ 9,540.00 Concrete Sidewalk SF 72,650 \$ 5.00 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 33,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8')
3" AC Paving (pavement trail) SF 69,000 \$ 1.50 \$ 103,500.00 4.5" AC Paving SF 182,600 \$ 2.25 \$ 410,850.00 4" Aggregate Base (pavement trail) SF 69,000 \$ 0.60 \$ 41,400.00 10" Aggregate Base SF 182,600 \$ 1.50 \$ 273,900.00 Roundabout Concrete SF 1,900 \$ 5.00 \$ 9,500.00 Vertical Curb and Gutter (with AB cushion) LF 9,200 \$ 15.00 \$ 138,000.00 Type F Median Curb (with AB cushion) LF 530 \$ 18.00 \$ 9,540.00 Concrete Sidewalk SF 72,650 \$ 5.00 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8')
4.5" AC Paving SF 182,600 \$ 2.25 \$ 410,850.00 4" Aggregate Base (pavement trail) SF 69,000 \$ 0.60 \$ 41,400.00 10" Aggregate Base SF 182,600 \$ 1.50 \$ 273,900.00 Roundabout Concrete SF 1,900 \$ 5.00 \$ 9,500.00 Vertical Curb and Gutter (with AB cushion) LF 9,200 \$ 15.00 \$ 138,000.00 Type F Median Curb (with AB cushion) LF 530 \$ 18.00 \$ 9,540.00 Concrete Sidewalk SF 72,650 \$ 5.00 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8)
10" Aggregate Base SF 182,600 \$ 1.50 \$ 273,900.00 Roundabout Concrete SF 1,900 \$ 5.00 \$ 9,500.00 Vertical Curb and Gutter (with AB cushion) LF 9,200 \$ 15.00 \$ 138,000.00 Type F Median Curb (with AB cushion) LF 530 \$ 18.00 \$ 9,540.00 Concrete Sidewalk SF 72,650 \$ 5.00 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8")
10" Aggregate Base SF 182,600 \$ 1.50 \$ 273,900.00 Roundabout Concrete SF 1,900 \$ 5.00 \$ 9,500.00 Vertical Curb and Gutter (with AB cushion) LF 9,200 \$ 15.00 \$ 138,000.00 Type F Median Curb (with AB cushion) LF 530 \$ 18.00 \$ 9,540.00 Concrete Sidewalk SF 72,650 \$ 5.00 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8")
Roundabout Concrete SF 1,900 \$ 5.00 \$ 9,500.00 Vertical Curb and Gutter (with AB cushion) LF 9,200 \$ 15.00 \$ 138,000.00 Type F Median Curb (with AB cushion) LF 530 \$ 18.00 \$ 9,540.00 Concrete Sidewalk SF 72,650 \$ 5.00 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8')
Vertical Curb and Gutter (with AB cushion) LF 9,200 \$ 15.00 \$ 138,000.00 Type F Median Curb (with AB cushion) LF 530 \$ 18.00 \$ 9,540.00 Concrete Sidewalk SF 72,650 \$ 5.00 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8')
Type F Median Curb (with AB cushion) LF 530 \$ 18.00 \$ 9,540.00 Concrete Sidewalk SF 72,650 \$ 5.00 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8')
Concrete Sidewalk SF 72,650 \$ 5.00 \$ 363,250.00 Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8')
Curb Cut Apron SF 1,680 \$ 5.50 \$ 9,240.00 Handicap Ramps EA 24 \$ 2,500.00 \$ 60,000.00 Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8")
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Survey Monuments EA 11 \$ 300.00 \$ 3,300.00 Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8')
Traffic Striping & Signing LF 5,020 \$ 5.00 \$ 25,100.00 Field Inlets (d < 8')
Catch Basins (type A inlet over type I manhole base) EA 2 \$ 2,800.00 \$ 5,600.00 15" Storm Drain Pipe LF 3,120 \$ 34.00 \$ 106,080.00 18" Storm Drain Pipe LF 30 \$ 46.00 \$ 1,380.00
Catch Basins (type A inlet over type I manhole base) EA 2 \$ 2,800.00 \$ 5,600.00 15" Storm Drain Pipe LF 3,120 \$ 34.00 \$ 106,080.00 18" Storm Drain Pipe LF 30 \$ 46.00 \$ 1,380.00
15" Storm Drain Pipe LF 3,120 \$ 34.00 \$ 106,080.00 18" Storm Drain Pipe LF 30 \$ 46.00 \$ 1,380.00
18" Storm Drain Pipe LF 30 \$ 46.00 \$ 1,380.00
Manholes (type I)
Maintoles (type η
8" Water Line (including all appurtenances)
10" Water Line (including all appurtenances) LF 210 \$ 40.00 \$ 8,400.00
16" Water Line (including all appurtenances) LF 4,700 \$ 80.00 \$ 376,000.00
20" Water Line (including all appurtenances) LF 70 \$ 100.00 \$ 7,000.00
Blow Off Valve EA 10 \$ 4,000.00 \$ 40,000.00
Air Release Valve EA 1 \$ 2,500.00 \$ 2,500.00 Resilient Valve EA 16 \$ 1,550.00 \$ 24,800.00 Butterfly Valve EA 17 \$ 4,000.00 \$ 68,000.00
Butterfly Valve EA 17 \$ 4,000.00 \$ 68,000.00
Fire Hydrants EA 11 \$ 4,000.00 \$ 44,000.00
Water Service EA 1 \$ 2,000.00 \$ 2,000.00
1" Water Service Stub EA 1 \$ 800.00 \$ 800.00
2" Water Service Stub EA 5 \$ 2,000.00 \$ 10,000.00
3" Water Service Stub EA 5 \$ 2,000.00 \$ 10,000.00
12" Recycled Water Line (including all appurtenances) LF 10 \$ 55.00 \$ 550.00
16" Recycled Water Line (including all appurtenances) LF 2,900 \$ 65.00 \$ 188,500.00
Blow Off Valve EA 1 \$ 4,000.00 \$ 4,000.00
Air Release Valve EA 1 \$ 2,500.00 \$ 2,500.00
Butterfly Valve EA 7 \$ 4,000.00 \$ 28,000.00

8" Non-Potable Water Line (including all appurtenances)	LF	1,200	\$	35.00	\$	42,000.00
10" Non-Potable Water Line (including all appurtenances)	LF -	60	\$	45.00	\$	2,700.00
12" Non-Potable Water Line (including all appurtenances)	LF -	50	\$	50.00	\$	2,500.00
16" Non-Potable Water Line (including all appurtenances)	LF -	3,740	\$	80.00	\$	299,200.00
2" Non-Potable Water Service Stub	EA	4	\$	2,000.00	\$	8,000.00
3" Non-Potable Water Service Stub	EA T	5	\$	2,000.00	\$	10,000.00
Blow Off Valve	EA	8	\$	4,000.00	\$	32,000.00
Resilient Valve	EA	10	\$	1,550.00	\$	15,500.00
Butterfly Valve	EA -	14	\$	4,000.00	\$	56,000.00
16" Laka Fill Ling (including all appurtages)		2.600	e	65.00	r	174 200 00
16" Lake Fill Line (including all appurtenances)	LF .	2,680	<u>\$</u>	65.00	\$	174,200.00
Blow Off Valve	EA .	4_	_\$_	4,000.00	\$	16,000.00
Butterfly Valve	EA _	9	_\$_	4,000.00	_\$_	36,000.00
				Total	\$	3,104,000.00

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