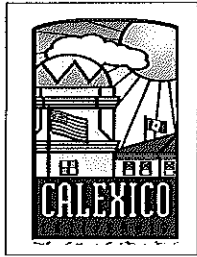


**AGENDA  
ITEM  
12**



# AGENDA STAFF REPORT

**DATE:** July 21, 2021

**TO:** Mayor and City Council

**APPROVED BY:** Miguel Figueroa, City Manager *[Signature]*

**PREPARED BY:** Lilliana Falomir, Public Works Manager - Administrative *[Signature]*

**SUBJECT:** Authorize City Manager to Sign Change Order No. 2 with Hazard Construction Company in the amount of \$460,888.78 for Street Improvement Project Asphalt Rubber Composite Layer Overlay on Designated Streets Project No. 2020-500.

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**Recommendation:**

Authorize City Manager to Sign Change Order No. 2 with Hazard Construction Company in the amount of \$460,888.78 for Street Improvement Project Asphalt Rubber Composite Layer Overlay on Designated Streets Project No. 2020-500.

**Background:**

On June 26, 2020, the City of Calexico Public Works Department requested bids for the Street Improvement Project Asphalt Rubber Composite Layer Overlay on Designated Streets Project No. 2020-500. The project consists of grinding of existing asphalt concrete pavement, installation of conventional asphalt concrete leveling course, asphalt-rubber aggregate membrane, gap graded asphalt-rubber hot mix, installation of conventional asphalt concrete surface course, slurry seal, remove and replace concrete curb and gutter, traffic striping, utility adjustments and traffic control on the following designated streets:

Street	From	To
Palm Drive	Imperial Avenue East	Cul-de-Sac
Paulin Avenue	Highway 98	Las Flores Drive
Las Flores Drive	Imperial Avenue East	Imperial Avenue East
Avendia de Oro	Highway 98	Calle De Oro
Calle de Oro West	Calle de Oro East	Harrington Street
Calle de Oro East	Calle de Oro West	Harrington Street
Armendariz Court	Calle de Oro West	Cul-de-Sac
Dunbar Court	Calle de Oro West	Cul-de-Sac
Gonzalez Court	Calle de Oro West	Cul-de-Sac

**AGENDA  
ITEM**  
*12*

Harlan Court	Calle de Oro West	Cul-de-Sac
Hosea Court	Calle de Oro East	Cul-de-Sac
Kemp Court	Calle de Oro East	Cul-de-Sac
Sobke Court	Calle de Oro East	Cul-de-Sac
Ward Court	Calle de Oro East	Cul-de-Sac
Harrington Street	Calle de Oro West	Calle de Oro East
Holdridge Street	Calle de Oro West	Calle de Oro East
L. Porter Court	McMillin Street	Cul-de-Sac
J.P. Villa Court	Sereno Drive	Cul-de-Sac
A. Monge Court	Sereno Drive	Cul-de-Sac
Sereno Drive	Anaya Avenue	E. Rivera Avenue
McMillin Street	L. Porter Court	E. Rivera Avenue
I. Romero Court	McMillin Street	A. Cota Street
A. Cota Street	Anaya Avenue	I. Romero Court
D. Patino Street	Anaya Avenue	LM Legaspi Avenue
LM Legaspi Avenue	D. Patino Street	Paseo Camino Real
Paseo Camino Real	Paseo de su Alteza	E. Rivera Avenue
D. Hinojosa	Anaya Avenue	E. Rivera Avenue
A. Cordero Avenue	D. Hinojosa	P. Montejano Street
P. Montejano Street	A. Cordero Avenue	H. Ramos Avenue
H. Ramos Avenue	P. Montejano Street	P. Rashid Street
A. Aceves Street	Doctor Ajalat Avenue	E. Rivera Avenue
Doctor Ajalat Avenue	A. Aceves Street	P. Rashid Street
P. Rashid Street	Anaya Avenue	H. Ramos Avenue
Seventh Street	Paseo de su Alteza	E. Rivera Avenue
Santa Fe Drive	Andrade Avenue	Paseo de su Alteza
J.R. Villa Court	Paseo de su Alteza	Cul-de-Sac
Paseo de su Alteza	Santa Fe Drive	Paseo Camino Real
West Fifth Street	Pierce Avenue	Cesar Chavez Boulevard
Pierce Avenue	Sheridan Street	Seventh Street
Lincoln Street	D. Navarro Avenue	Cesar Chavez Boulevard
Emilia Drive	Eady Avenue	Grant Street
Sherman Street	Cul-de-Sac	Emilia Drive
Eady Avenue	Highway 98	Emilia Drive
Lee Avenue	Highway 98	Lincoln Street
Lacy Avenue	Highway 98	McKinley Street
McKinley Street	Cul-de-Sac	Lacy Avenue
Calexico Street	Kloke Avenue	Adler Street
Nosotros Street	Cul-de-Sac	Adler Street
Salvador Guilin Street	Cul-de-Sac	Adler Street
Matilde Gomez Court	Lincoln Street	Cul-de-Sac
Contreras Court	Lincoln Street	Cul-de-Sac
Tina Padilla Court	Lincoln Street	Cul-de-Sac
Brandenburg Court	Lincoln Street	Cul-de-Sac

D. Navarro Avenue	Grant Street	Highway 98
W.L. Moreno Street	Cul-de-Sac	Kloke Avenue
Mercado Street	W.L. Moreno Street	Cul-de-Sac
H. Fritsch Street	W.L. Moreno Street	Cul-de-Sac
Luna Court	W.L. Moreno Street	Cul-de-Sac

**Discussion & Analysis:**

On September 2, 2020, the City Council of the City of Calexico awarded a construction contract to Hazard Construction Company for the above-mentioned project in the amount of \$4,629,943.20. During construction phase of said project, the Public Works Department – Engineering Division received approximately 30 phone calls and/or emails of residents who were concerned over the condition of the sidewalks in front of their homes while Hazard Construction Company repaired the street. City staff reviewed their concerns by evaluating the location, condition of existing curb, gutter and sidewalk, ADA standards and making sure it was feasible to make these improvements using Imperial County Local Transportation Authority (LTA) Sales Tax Revenue Bond funds. Upon Public Works Department – Engineering staff review, it was recommended that 20 sidewalks be replaced in said project. The additional cost covers the installation of curb, gutter and sidewalk, handicap ramps and ADA transitions in order to address resident's safety concerns and reduce any potential claims against the City for injuries:

Extra Work
500 Blk of Lincoln Street
600 Blk of Lincoln Street
700 Blk of Lincoln Street
800 Blk of Lincoln Street
900 Blk of Lincoln Street
900 Blk of Nosotros Street
700 Blk of Contreras Court
900 Blk of Salvador Guillin Street
600 Blk of Eady Avenue
900 Blk of Eady Avenue
600 Blk of Emilia Drive
800 Blk of Lee Avenue
900 Blk of Lee Avenue
800 Blk of Calle de Oro East
1200 Blk of Calle de Oro East
700 Blk of Harrington Street
100 Blk of E. Birch Street
10 Blk of Palm Court
10 Blk of Las Flores Drive

Please note that the additional cost of said project does not affect the General Fund and addresses pedestrian safety concerns at various locations within City limits.

Due to construction quantities being over and/or under budget, Public Works staff is recommending that the City Council approve the following:

- Balancing Change Order - Construction Quantities Over \$610,835.90
  1. Additional curbs, gutter and sidewalk repairs.
  2. Remove and replace additional handicap ramps.
  3. Adjust and install additional single manholes, valves and monuments.
  4. Additional surveying.
- Balancing Change Order - Construction Quantities Under \$(149,947.12)
  1. Reduction in ARAM and cold milling.
  2. Reduction in double manhole and monuments.

With Change Order No. 2 the new contract amount will be \$5,094,922.98.

**Fiscal Impact:**

Capital Improvement Program Budgeted Item for FY 2020-2021	
Imperial County Local Transportation Authority (LTA) Sales Tax Revenue Bond	\$460,888.78
Total	\$460,888.78

Remaining balance of LTA Sales Tax Revenue Bond as of June 17, 2021: \$3,815,829.

**Coordinated With:**

Public Works Department.

**Attachment(s):**

1. Change Order No. 2.
2. Quantity Tabulation Sheet.
3. Summary of Change Orders for Previous Projects.

ATTACHMENT #1



**CITY OF CALEXICO  
PUBLIC WORKS DEPARTMENT  
CHANGE ORDER NO. 2**

Name of Project: Street Improvement Project Asphalt Rubber  
Composite Layer Overlay on Designated Streets Project No. 2020-500  
Name of Contractor: Hazard Construction Co.  
Date: 07/21/2021

#	Description	Price Increase	Price Decrease	Time Extension
1	1 inch full width Cold Milling	\$ 25,368.00		
2	0.1' Cul de Sac Cold Mill		(3,283.50)	
3	¾" Min. leveling course including crack cleaning		(49,609.80)	
4	Asphalt-Rubber Aggregate Membrane (ARAM)		(26,128.37)	
5	Type II Slurry with polymer and RTR rolling		(23,509.20)	
7	1.5" Asphalt-Rubber Hot Mix Gap Graded (ARHM-GG)		(6,262.25)	
8	1.5 Inch Asphalt Concrete Paving		(9,805.00)	
9	Concrete driveway approach	\$ 102,948.80		
10	R & R existing AC/Construct PCC concrete curb & gutter	\$ 171,915.30		
11	R & R existing AC/Construct PCC concrete sidewalk	\$ 185,382.45		
12	Concrete cross gutter w/apron	\$ 14,756.35		
13	R & R existing AC/Construct PCC concrete handicap ramp	\$ 52,000.00		
14	Double adjustment manholes		(16,000.00)	
15	Double adjustment monument		(8,370.00)	
16	Double adjustment valve	\$ 3,680.00		
17	Single adjustment manholes	\$ 9,500.00		
18	Single adjustment monuments	\$ 5,760.00		
19	Single adjustment water valves		(980.00)	
22	Reinstall traffic loops		(260.00)	
CC01	1" Full Width Cold Milling		(5,739.00)	
CC02	Surveying	\$ 39,525.00		
	Sub-Total	\$ 610,835.90	\$ (149,947.12)	
	Total	\$	460,888.78	
	Contract Amount	\$	4,634,034.20	
	Total Contract Amount (Contract + Change Order No. 2)	\$	5,094,922.98	

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Miguel Figueroa, City Manager  
City of Calexico, 608 Heber Avenue, Calexico, California

Change Order No. 2  
7/21/2021

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Lilliana Falomir, Public Works Manager - Administrative  
City of Calexico, 608 Heber Avenue, Calexico, California

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Jason Mordhorst, President  
Hazard Construction, 6465 Marindustry Place, San Diego, California



ATTACHMENT #2

CITY OF CALEXICO  
 STREET IMPROVEMENT PROJECT ASPHALT RUBBER COMPOSITE LAYER OVERLAY ON DESIGNATED STREETS  
 PROJECT NO. 2020-500  
 QUANTITY TABULATION

Item No.	Approximate Quantity	Quantity	Over/Under Quantity	Unit	Description	Engineer's Estimate		Hazard Construction		Quantities To-Date	Pending Change Order
						Unit Price	Total	Unit Price	Total		
1	360,148	451,620.00	101,472	SF	1 inch full width Cold Milling	0.45	162,066.60	0.25	90,037.00	115,405.00	25,368.00
2	41,874	37,496.00	-4,378	SF	0.1' Cur de Sac Cold Mill	0.22	9,212.28	0.75	31,405.50	28,122.00	(3,283.50)
3	1,835,261	1,752,578.00	-82,683	SF	3/4" Min. leveling course including crack cleaning	0.50	917,630.50	0.60	1,101,156.60	1,051,546.80	(49,609.80)
4	203,132	197,451.92	-5,680	SY	Asphalt-Rubber Aggregate Membrane (ARAM)	5.25	1,066,443.00	4.60	934,407.20	908,278.83	(26,128.37)
5	208,786	194,538.00	-14,248	SY	Type II Slurry with polymer and RTR rolling	2.60	542,843.60	1.65	344,496.90	320,987.70	(23,509.20)
6	0	-	0	LS	Crack seal	-	-	1.00	-	-	-
7	516	482.15	-34	TON	1.5" Asphalt-Rubber Hot Mix Gap Graded (ARHM-GS)	100.00	51,600.00	185.00	95,460.00	89,197.75	(6,262.25)
8	986	907.56	-78	TON	1.5 inch Asphalt Concrete Paving	100.00	98,600.00	125.00	123,250.00	113,445.00	(9,805.00)
9	4,242	9,389.44	5,147	SF	Concrete driveway approach	25.00	106,050.00	20.00	84,840.00	187,788.80	102,948.80
10	3,761	5,671.17	1,910	LF	R & R existing AC/Construct PCC concrete curb & gutter	55.00	206,855.00	90.00	338,490.00	510,405.30	171,915.30
11	9,681	22,039.83	12,359	SF	R & R existing AC/Construct PCC concrete sidewalk	20.00	193,620.00	15.00	145,215.00	330,597.45	185,382.45
12	5,049	5,470.61	422	SF	Concrete cross gutter w/apron	35.00	176,715.00	35.00	176,715.00	191,471.35	14,756.35
13	24	32.00	8	EA	R & R existing AC/Construct PCC concrete handicap ramp	5,250.00	126,000.00	6,500.00	156,000.00	208,000.00	52,000.00
14	40	24.00	-16	EA	Double adjustment manholes	1,027.00	41,080.00	1,000.00	40,000.00	24,000.00	(16,000.00)
15	14	5.00	-9	EA	Double adjustment monument	836.00	11,704.00	930.00	13,020.00	4,650.00	(8,370.00)
16	52	56.00	4	EA	Double adjustment valve	836.00	43,472.00	920.00	47,840.00	51,520.00	3,680.00
17	118	137.00	19	EA	Single adjustment manholes	575.00	67,850.00	500.00	59,000.00	68,500.00	9,500.00
18	37	49.00	12	EA	Single adjustment monuments	485.00	17,945.00	480.00	17,760.00	23,520.00	5,760.00
19	215	213.00	-2	EA	Single adjustment water valves	485.00	104,275.00	490.00	105,350.00	104,370.00	(980.00)
20	1	1.00	0	EA	Relocate catch basin	7,500.00	7,500.00	15,000.00	15,000.00	15,000.00	-
21	4	-	-4	EA	Installation of manhole	15,000.00	60,000.00	25,000.00	100,000.00	-	(100,000.00)
22	8	7.74	0	EA	Reinstall traffic loops	450.00	3,600.00	1,000.00	8,000.00	7,740.00	(250.00)
23	1	1.00	0	LS	Mobilization	120,444.67	120,444.67	407,500.00	407,500.00	407,500.00	-
24	1	1.00	0	LS	Traffic control	48,177.87	48,177.87	145,000.00	145,000.00	145,000.00	-
25	1	1.00	0	LS	Striping, markings, and markers	30,000.00	30,000.00	20,000.00	20,000.00	20,000.00	-
26	150	150.00	0	SY	12" Subgrade Preparation & Compaction	150.43	22,564.50	100.00	15,000.00	15,000.00	-
27	1	1.00	0	LS	Surveying	20,000.00	20,000.00	15,000.00	15,000.00	15,000.00	-
CC01	1	1.00	0	EA	Relocate catch basin	-	-	15,000.00	-	15,000.00	15,000.00
	1	1.00	0	LS	30 LF 12" 10.8 HDPE Pipe	-	-	1,740.00	-	1,740.00	1,740.00
	1	1.00	0	LS	Traffic Control	-	-	1,700.00	-	1,700.00	1,700.00
	1	1.00	0	LS	Load, haul and dispose spoil	-	-	500.00	-	500.00	500.00
	1	1.00	0	LS	Repair Pavement	-	-	500.00	-	500.00	500.00
	1	1.00	0	LS	Add 3 Rehab Existing Manhole	-	-	36,750.00	-	36,750.00	36,750.00
	1	-	-1	LS	1" Full Width Cold Milling	-	-	5,739.00	-	-	-
	1	1.00	0	LS	EWFA Digout	-	-	42,162.00	-	42,162.00	42,162.00
CC02	1	1.00	0	LS	Surveying	-	-	39,525.00	-	39,525.00	39,525.00
						4,256,249.02	4,629,943.20	5,094,922.98	\$ 464,979.78		
										Change Order No. 1	\$ (4,091.00)
											\$ 460,888.78

ATTACHMENT #3

CITY OF CALEXICO  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION  
 SUMMARY OF RECENT CHANGE ORDERS

Project Name	Construction Company	Completion Date	Original Contract	Amount Total	
				of Change Orders	Total
2020 Street Improvement Project 2nd St., Dool Ave and Beach Ave. Water Pipeline Replacement Project	Hazard Construction Company	On-going	4,629,943.20	464,979.78	5,094,922.98
New Waterline * Ollie Avenue to Alley W/SR-111 * SR-98 Widening Project	A&R Construction Company	On-going	1,274,501.75	24,359.45	1,298,861.20
2019 Street Improvement Project Cesar Chavez Blvd. Improvement Project	Kay Construction Company Aggregate Products, Inc.	On-going	387,842.00	129,570.00	517,412.00
2018 Street Improvement Project	Pyramid Construction and Aggregates, Inc.	12/23/2019	5,136,634.26	160,450.64	5,297,084.90
2017 Street Improvement Project	Hazard Construction Company Aggregate Products, Inc.	6/19/2020	6,022,218.00	1,472,932.61	7,495,150.61
		6/21/2019	3,678,759.00	440,859.36	4,119,618.36
		11/8/2017	3,878,595.89	54,672.00	3,933,267.89