

FORT APACHE ROAD -HUNTINGTON COVE PARKWAY TO WARM SPRINGS ROAD
Construction Cost Estimate - 100% Submittal
PHASE-01

Project: CPW1901
Date: 11/18/2020

Item No.	Quantity	Unit	Description	Unit Price	Amount
105.01	1	LS	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	\$225,000.00	\$225,000.00
107.01	179	DAY	TRAFFIC CONTROL	\$1,200.00	\$215,356.58
109.01	1	LS	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	\$1,000,000.00	\$1,000,000.00
109.02	15	DAY	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	\$500.00	\$7,500.00
109.03	15	DAY	ADDITIONAL AMOUNT OVER \$500.00/DAY AS DETERMINED BY BIDDER	\$750.00	\$11,250.00
110.01	2,000	HR	TRAINING	\$1.40	\$2,800.00
200.01	1	LS	MOBILIZATION	\$850,000.00	\$850,000.00
201.01	16	AC	CLEARING AND GRUBBING	\$5,000.00	\$77,767.65
202.01	34,218	SY	REMOVE PLANTMIX BITUMINOUS SURFACE	\$5.00	\$171,088.84
202.02	239	LF	REMOVE CONCRETE HEADWALL AND WING WALL	\$35.00	\$8,374.98
202.03	1,256	SF	REMOVE CONCRETE MEDIAN AND MEDIAN CURB	\$2.50	\$3,140.62
202.04	209	SF	REMOVE CONCRETE SIDEWALK	\$3.00	\$628.12
202.05	449	SF	REMOVE CONCRETE DRIVEWAY	\$5.00	\$2,243.30
202.06	2,393	SF	REMOVE CONCRETE PAD	\$10.00	\$23,928.51
202.07	179	LF	REMOVE CONCRETE BARRIER RAIL	\$40.00	\$7,178.55
202.08	1,854	LF	REMOVE GUARDRAIL	\$20.00	\$37,089.19
202.09	45	LF	REMOVE CONCRETE CURB AND GUTTER	\$10.00	\$448.66
202.10	4,816	SF	REMOVE ASPHALT PATH	\$3.00	\$14,446.84
202.11	1,675	LF	REMOVE STORM DRAIN PIPE/BOX CULVERT	\$75.00	\$125,624.67
202.12	3	EA	REMOVE DROP INLET	\$2,000.00	\$6,000.00
202.13	1	LS	REMOVE PAVEMENT MARKINGS	\$1,500.00	\$897.32
202.14	42	EA	REMOVE AND SALVAGE SIGN	\$75.00	\$3,150.00
202.15	3	EA	REMOVE PULL BOX	\$400.00	\$1,200.00
202.16	105	LF	REMOVE AND SALVAGE CHAIN LINK FENCE	\$10.00	\$1,046.87
202.17	4,666	SF	REMOVE RIPRAP OR GROUTED RIPRAP	\$50.00	\$233,302.96
202.18	2	EA	REMOVE AND RESET WOOD POST	\$250.00	\$500.00
202.19	1	EA	REMOVE BOLLARD	\$350.00	\$350.00
203.01	48,455	CY	ROADWAY EXCAVATION	\$15.00	\$726,828.46
203.02	9,272	CY	SELECTED BORROW	\$12.00	\$111,267.57
212.01	39,033	SF	LANDSCAPE ROCK (3/4-INCH X 3-INCH DEPTH) OVER NATIVE BACKFILL	\$2.50	\$97,583.45
216.01	17,647	SY	MILL PLANTMIX BITUMINOUS SURFACE	\$2.00	\$35,294.55
302.01	7,642	CY	TYPE II AGGREGATE BASE	\$40.00	\$305,686.70
402.01	22,164	TON	PLANTMIX BITUMINOUS SURFACE	\$85.00	\$1,883,921.41
413.01	68,884	SY	UTACS BONDED WITH A PMM, S3 GRADATION	\$7.00	\$482,189.36
502.01	0	LS	(3) 11' X 6' RCB CROSSING	\$700,000.00	\$0.00
502.02	0	LS	(3) 18' X 6' RCB CROSSING	\$1,220,000.00	\$0.00
502.03	314	LF	CONCRETE BARRIER RAIL (SINGLE SLOPE)	\$60.00	\$18,843.70
506.01	0	EA	30-FOOT METAL GATE	\$4,500.00	\$0.00
603.01	224	LF	18-INCH RCP STORM DRAIN (CLASS III)	\$225.00	\$50,474.20
603.02	434	LF	24-INCH RCP STORM DRAIN (CLASS III)	\$250.00	\$108,426.06
603.03	227	LF	24-INCH RCP STORM DRAIN (CLASS IV)	\$300.00	\$68,196.25
603.04	0	LF	30-INCH RCP STORM DRAIN (CLASS III)	\$325.00	\$0.00
603.05	0	LF	42-INCH RCP STORM DRAIN (CLASS III)	\$425.00	\$0.00
603.06	0	LF	34-INCH X 53-INCH HERCP STORM DRAIN (CLASS IV)	\$550.00	\$0.00
603.07	0	LF	48-INCH RCP STORM DRAIN (CLASS III)	\$500.00	\$0.00
603.08	1	EA	RCP PLUG	\$1,500.00	\$1,500.00
603.09	1	EA	30-INCH PRECAST END SECTION	\$2,000.00	\$2,000.00
603.10	96	LF	ABANDON RCP WITH CLSM	\$100.00	\$9,571.40
605.01	120	LF	18-INCH THERMOPLASTIC PIPE C900	\$200.00	\$23,928.51
609.01	5	EA	60-INCH TYPE III STORM DRAIN MANHOLE	\$12,000.00	\$60,000.00
609.02	0	EA	48-INCH TYPE I STORM DRAIN MANHOLE	\$6,500.00	\$0.00
609.03	2	EA	DROP INLET, TYPE CM2 (L=5 FEET)	\$14,000.00	\$28,000.00
609.04	0	EA	DROP INLET, TYPE CM (L=5 FEET)	\$14,000.00	\$0.00
609.05	0	EA	DROP INLET, TYPE CM (L=15 FEET)	\$22,500.00	\$0.00
609.06	3	EA	DROP INLET, TYPE DM2 (L=5 FEET)	\$12,000.00	\$36,000.00
609.07	2	EA	DROP INLET, TYPE DM2 (L=7.5 FEET)	\$15,000.00	\$30,000.00
609.08	3	EA	DROP INLET, TYPE DM2 (L=10 FEET)	\$17,500.00	\$52,500.00
609.09	0	EA	DROP INLET, TYPE DM2 (L=12.5 FEET)	\$22,000.00	\$0.00
609.10	0	EA	DROP INLET, TYPE DM2 (L=22.5 FEET)	\$30,000.00	\$0.00
609.11	27	EA	ADJUST STORM DRAIN MANHOLE TO GRADE	\$1,400.00	\$37,800.00
611.01	0	SF	6-INCH CONCRETE SLOPE PAVING	\$20.00	\$0.00
613.01	9,482	LF	TYPE "L" CURB AND GUTTER	\$25.00	\$237,041.79
613.02	39,961	SF	CONCRETE SIDEWALK	\$8.00	\$319,684.88
613.03	1,406	SF	CONCRETE DRIVEWAY	\$15.00	\$21,087.00
613.04	13,968	LF	TYPE "A" CURB	\$18.00	\$251,428.81

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613.05	9,422	SF	4-INCH CONCRETE MEDIAN		\$8.00	\$75,374.80
613.06	75	SF	6-INCH CONCRETE		\$15.00	\$1,121.65
613.07	1,376	SF	CONCRETE CROSS GUTTER		\$16.00	\$22,014.23
613.08	5,504	SF	6-INCH CONCRETE MAINTENANCE ACCESS ROAD		\$20.00	\$110,071.14
613.09	120	LF	CONCRETE ACCESS ROAD CUTOFF WALL		\$150.00	\$17,946.38
613.10	4	LF	SIDEWALK DRAIN (STEEL PLATE)		\$500.00	\$1,794.64
613.11	1,795	SF	6-FOOT CONCRETE SWALE		\$25.00	\$44,865.95
613.12	75	SF	3-FOOT CONCRETE VALLEY GUTTER		\$15.00	\$1,121.65
616.01	0	LF	72-INCH CHAIN LINK FENCE		\$25.00	\$0.00
616.02	0	EA	24-FOOT DOUBLE SWING GATE		\$2,000.00	\$0.00
619.01	24	EA	K-71 MARKER POST (YELLOW)		\$300.00	\$7,200.00
623.01	0	LS	TRAFFIC SIGNAL MODIFICATION AT BLUE DIAMOND		\$25,000.00	\$0.00
623.02	1	LS	TRAFFIC SIGNAL MODIFICATION AT SHERWOOD GREENS		\$45,000.00	\$45,000.00
623.03	1	LS	TRAFFIC SIGNAL MODIFICATION AT WARM SPRINGS		\$100,000.00	\$100,000.00
623.04	0	LS	TRAFFIC SIGNAL AT FORD		\$400,000.00	\$0.00
623.05	6	EA	ADJUST PULL BOX TO GRADE		\$500.00	\$3,000.00
623.06	2	EA	TYPE 200 SPLICE VAULT		\$5,000.00	\$10,000.00
623.07	9,871	LF	(2) 4-INCH PVC CONDUIT		\$50.00	\$493,525.49
623.08	23	EA	P30 PULL BOX		\$2,000.00	\$46,000.00
623.09	9,033	LF	1-1/4-INCH PVC STREET LIGHT CONDUIT		\$20.00	\$180,660.24
623.10	16,002	LF	NO. 4 CONDUCTOR		\$2.00	\$32,004.38
623.11	8,001	LF	NO. 8 CONDUCTOR		\$1.50	\$12,001.64
623.12	9,871	LF	(2) 6 PR #22 INTERCONNECT CABLE AND PULL/MEASURE TAPE		\$2.50	\$24,676.27
623.13	7	EA	NO. 3 1/2 STREET LIGHT PULL BOX		\$750.00	\$5,250.00
623.14	2	EA	NO. 5 STREET LIGHT PULL BOX		\$1,000.00	\$2,000.00
623.15	2	EA	SERVICE PEDESTAL		\$8,500.00	\$17,000.00
623.16	55	EA	STREET LIGHT ASSEMBLY		\$3,500.00	\$192,500.00
623.17	35	EA	LED STREET LIGHT CONVERSION		\$750.00	\$26,250.00
623.18	179	LF	REROUTE EXISTING CONDUCTORS THROUGH NEW CONDUIT AND PULL BOXES		\$1.00	\$179.46
623.19	2	EA	NO. 5 WIRELESS PULL BOX		\$1,000.00	\$2,000.00
623.20	45	LF	(2) 2-INCH PVC CONDUIT (FUTURE WIRELESS)		\$30.00	\$1,345.98
624.01	1	LS	CONSTRUCT, MAINTAIN AND REMOVE DETOUR		\$350,000.00	\$350,000.00
627.01	15	EA	PERMANENT SIGN (GROUND MOUNTED)(METAL SUPPORTS)		\$300.00	\$4,500.00
627.02	60	EA	PERMANENT SIGN (POLE OR BARRICADE MOUNTED)		\$250.00	\$15,000.00
627.03	6	EA	REMOVE AND RESET SIGN		\$150.00	\$900.00
628.01	29,911	LF	POLYUREA PAVEMENT MARKINGS (6-INCH SOLID WHITE)		\$2.00	\$59,821.27
628.02	718	LF	POLYUREA PAVEMENT MARKINGS (8-INCH SOLID WHITE)		\$2.50	\$1,794.64
628.03	1,316	LF	PERMANENT MARKING FILM (24-INCH SOLID WHITE)		\$15.00	\$19,741.02
628.04	3,978	LF	POLYUREA PAVEMENT MARKINGS (12-INCH SOLID WHITE)		\$3.00	\$11,934.34
628.05	44	EA	PERMANENT MARKING FILM (ARROW)		\$250.00	\$11,066.94
628.06	22	EA	PERMANENT MARKING FILM (BIKE)		\$200.00	\$4,426.77
628.07	1	EA	PERMANENT MARKING FILM ("ONLY")		\$300.00	\$300.00
628.08	628	SF	PERMANENT MARKING FILM (VARIES, WHITE)		\$10.00	\$6,281.23
628.09	239	SF	MEDIAN PAINT		\$5.00	\$1,196.43
629.01	6	EA	ADJUST WATER BLOW-OFF (2-INCH) TO GRADE		\$1,200.00	\$7,178.55
629.02	7	EA	ADJUST WATER TEST STATION TO GRADE		\$650.00	\$4,666.06
629.03	11	EA	ADJUST WATER MANHOLE TO GRADE		\$1,500.00	\$17,049.06
629.04	10	EA	ADJUST WATER FIBER OPTIC MANHOLE TO GRADE		\$1,500.00	\$15,254.42
629.05	34	EA	ADJUST WATER VALVE BOX TO GRADE		\$900.00	\$30,688.31
629.06	3	EA	RELOCATE COMBINATION AIR VALVE ASSEMBLY		\$9,500.00	\$28,415.10
629.07	3	EA	RELOCATE WATER BLOW-OFF (6-INCH)		\$10,000.00	\$29,910.64
629.08	1	EA	EXTEND WATER FIBER OPTIC AND INSTALL FIBER OPTIC PULL BOX		\$2,000.00	\$2,000.00
629.09	2	EA	ADJUST WATER BLOW-OFF (6-INCH) TO GRADE		\$1,500.00	\$3,589.28
629.10	4	EA	REMOVE AND REPLACE FIBER OPTIC PULL BOX		\$1,200.00	\$4,307.13
630.01	14	EA	ADJUST SEWER MANHOLE TO GRADE (UNLINED)		\$1,750.00	\$24,078.06
630.02	2	EA	ADJUST SEWER MANHOLE TO GRADE (LINED)		\$2,250.00	\$4,037.94
633.01	1,765	EA	NONREFLECTIVE PAVEMENT MARKER		\$3.00	\$5,294.18
633.02	2,243	EA	REFLECTIVE PAVEMENT MARKER		\$4.00	\$8,973.19
633.03	1	EA	REFLECTIVE PAVEMENT MARKER (BLUE)		\$15.00	\$15.00
633.04	120	EA	360 DEGREE GLASS REFLECTIVE MARKER		\$50.00	\$5,982.13
637.01	180	DAY	DUST CONTROL		\$750.00	\$135,000.00
670.01	40	EA/DAY	PTZ CAMERA		\$85.00	\$3,400.00
670.02	40	EA/DAY	GPS ARROW BOARD		\$75.00	\$3,000.00
670.03	40	EA/DAY	GPS LOCATED TRAFFIC CONTROL DEVICE		\$30.00	\$1,200.00
670.04	40	EA/DAY	VEHICLE PRESENCE ALERT SYSTEM		\$25.00	\$1,000.00
	1	LS	POWER INFRASTRUCTURE BUDGET ESTIMATE		\$150,000.00	\$150,000.00
SUBTOTAL					\$10,476,473.36	
5% CONTINGENCY					\$523,823.67	
TOTAL					\$11,000,297.03	

**INTERLOCAL CONTRACT
FORT APACHE ROAD,
HUNTINGTON COVE PARKWAY TO WARM SPRINGS ROAD**

THIS INTERLOCAL CONTRACT is made and entered into this 14TH day of January 2021, by and between Clark County, a political subdivision, hereinafter referred to as "COUNTY" and the Regional Transportation Commission of Southern Nevada, hereinafter referred to as "RTC."

W I T N E S S E T H

WHEREAS, the COUNTY intends to perform construction inspection and construct roadway improvements for Fort Apache Road, Huntington Cove Parkway to Warm Springs Road, which is included on the adopted RTC Capital Improvement Plan, hereinafter referred to as "PROJECT," located wholly within the Clark County; and

WHEREAS, Nevada Revised Statute (NRS) Chapter 277.180 authorizes any one or more public agencies to contract with any one or more other public agencies to perform any governmental services, activity or undertaking which any of the public agencies entering into the agreement is authorized by law to perform and refers to such as an interlocal agreement; and

WHEREAS, unless otherwise stipulated by the agreement the COUNTY agrees to conform to the current RTC Policies and Procedures, as amended and incorporated herein by reference; and"

WHEREAS, the COUNTY is requesting funds to commence the construction for the PROJECT; and

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the Parties hereto, the Parties agree to proceed as follows:

SECTION I: SCOPE OF PROJECT

This Interlocal Contract # 1250 applies to improvements to Fort Apache Road, Huntington Cove Parkway to Warm Springs Road. The improvements may include up to four travel lanes, medians, drainage facilities, signings striping, traffic control devices, curb, gutter, sidewalks, streetlights, utility relocations and other appurtenances as may be necessary to construct a complete and functional project. The project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

SECTION II: PROJECT COSTS

The RTC agrees to provide Fuel Revenue Indexing Extension Funds funding for all costs associated with the PROJECT as outlined below:

1. The total cost for this contract shall not exceed \$13,500,000.00.
2. Authorizations to Proceed (ATP) are granted as follows:

- a. ENGINEERING not to exceed \$0.00
 - b. RIGHT-OF-WAY not to exceed \$0.00
 - c. CONSTRUCTION not to exceed \$13,500,000.00
3. At the time the ATP for construction is granted, the COUNTY will make all attempts to publish the bid for this PROJECT within 90 calendar days.
4. A supplemental interlocal contract will be required for any changes to the amounts identified in number 2 above.

SECTION III: GENERAL

1. The title sheet of both the plans and specifications shall designate the RTC as the funding agency. If construction funds are provided by sources other than the RTC, the plans, contract documents, special provisions, and PROJECT signs shall also show the RTC as a funding agency.
2. Preliminary engineering, design and right-of-way engineering shall be performed by the COUNTY or by a consultant employed by the COUNTY.
3. The design, construction, right-of-way acquisition and contract administration of the PROJECT shall comply with the requirements as set forth in the current "Policies and Procedures" of the RTC.
4. The COUNTY's Department of Public Works has a policy which effectively prohibits utility cuts through the pavement for a period of five years after the completion of a PROJECT.
5. Upon completion of the construction of the PROJECT, it shall be maintained by the COUNTY and no funding is provided by this Contract for such maintenance.
6. The PROJECT must be completed to the satisfaction of the RTC prior to the current applicable completion date of June 30, 2026. The RTC may, at any time thereafter, grant time extensions or terminate this Contract and require all sums advanced to the COUNTY be repaid.
7. It is understood and agreed that the purpose of this Interlocal Contract is to fund the PROJECT as herein above set forth. It is further understood and agreed that the COUNTY is responsible for the design and construction of the PROJECT. The COUNTY will be responsible for the actions or inactions of its Officers and Employees. The RTC's sole responsibility is to facilitate funding for the PROJECT. The RTC disavows any responsibility for the actions or inactions of the COUNTY, its Officers, Employees, or agents.
8. The RTC agrees to make payment to the COUNTY for all payment requests within 11 business days.

9. Should the construction funds be provided by sources other than the RTC, the COUNTY will reimburse the RTC for a percentage of the preliminary engineering and design costs associated with other funding sources, as mutually agreed upon by the RTC and the COUNTY.
10. In the event of a discrepancy between this agreement and the RTC Policies and Procedures this agreement shall take precedence.

The remainder of this page is left intentionally blank.

IN WITNESS WHEREOF, this Interlocal Contract #1250 is effective as of the date first set forth above:

Date of Commission Action: REGIONAL TRANSPORTATION COMMISSION

January 14, 2021

BY:

DocuSigned by:

Debra March

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RTC Chair

Attest:

DocuSigned by:

Marin DuBois

67F25985C7F8458...

MARIN DUBOIS, Management Analyst

Approved as to Form:

DocuSigned by:

David Clyde

C20A408B6B774C0

RTC Legal Counsel

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

BY:

MARILYN KIRKPATRICK, Chair

Attest

LYNN MARIE GOYA
County Clerk

Approved as to Form

LAURA C. REMFELDT
Deputy District Attorney