

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST ESTIMATE
Rio Communities: Goodman Ave (30% Submittal)

PROJECT NUMBER:

PREPARED BY: Antonio Nunez
 DATE PREPARED: 3/6/2023



CATEGORY: ROADWAY

NMDOT ITEM NO.	SHORT DESCRIPTION	UNIT	ESTIMATE QUANTITY	ESTIMATE UNIT PRICE	ESTIMATE AMOUNT
201000	CLEARING AND GRUBBING	LS		\$10,000.00	\$10,000.00
203000	UNCLASSIFIED EXCAVATION	C.Y.	1,400	\$32.00	\$44,800.00
207000	SUBGRADE PREPARATION	S.Y.	7,600	\$7.40	\$56,240.00
303000	BASE COURSE	TON	2,100	\$45.00	\$94,500.00
407000	ASPHALT MATERIAL FOR TACK COAT	TON	2	\$1,800.00	\$3,600.00
408100	PRIME COAT MATERIAL	TON	20	\$1,460.00	\$29,200.00
416104	MINOR PAVING TYPE I, HMA SP-IV	TON	1,900	\$150.00	\$285,000.00
416204	MINOR PAVING TYPE II, HMA SP-IV	TON	320	\$160.00	\$51,200.00
601110	REMOVAL OF SURFACING	S.Y.	6,350	\$15.90	\$100,965.00
609200	HEADER CURB	L.F.	30	\$50.90	\$1,527.00
618011	PUBLIC AWARENESS	LS		\$10,000.00	\$10,000.00
621000	MOBILIZATION	LS		\$107,100.00	\$107,100.00
SUBTOTAL:					\$794,132.00
CONTINGENCY (30.0%):					\$238,239.60
SUBTOTAL WITH CONTINGENCY:					\$1,032,371.60
NMGR TAX @ 7.8125%:					\$80,654.03
ROADWAY SUBTOTAL:					\$1,113,025.63

CATEGORY: CONSTRUCTION ENGINEERING

NMDOT ITEM NO.	SHORT DESCRIPTION	UNIT	ESTIMATE QUANTITY	ESTIMATE UNIT PRICE	ESTIMATE AMOUNT
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LS		\$8,000.00	\$8,000.00
618000	TRAFFIC CONTROL MANAGEMENT	LS		\$18,600.00	\$18,600.00
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS		\$9,300.00	\$9,300.00
802000	POST CONSTRUCTION PLANS	LS		\$10,000.00	\$10,000.00
SUBTOTAL:					\$45,900.00
CONTINGENCY (30.0%):					\$13,770.00
SUBTOTAL WITH CONTINGENCY:					\$59,670.00
NMGR TAX @ 7.8125%:					\$4,661.72
CONSTRUCTION ENGINEERING SUBTOTAL:					\$64,331.72

CATEGORY: DRAINAGE

NMDOT ITEM NO.	SHORT DESCRIPTION	UNIT	ESTIMATE QUANTITY	ESTIMATE UNIT PRICE	ESTIMATE AMOUNT
570018	18" CULVERT PIPE	L.F.	718	\$132.00	\$94,776.00
570437	24" STORM DRAIN CULVERT PIPE	L.F.	110	\$163.00	\$17,930.00
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS		\$50,000.00	\$50,000.00
602000	RIPRAP CLASS A	C.Y.	20	\$380.00	\$7,600.00
623001	MEDIAN DROP INLET TYPE I (URBAN) H=3'1" TO 6'0"	EACH	2	\$14,650.00	\$29,300.00
SUBTOTAL:					\$199,606.00
CONTINGENCY (30.0%):					\$59,881.80
SUBTOTAL WITH CONTINGENCY:					\$259,487.80
NMGR TAX @ 7.8125%:					\$20,272.48
DRAINAGE SUBTOTAL:					\$279,760.28

CATEGORY: LIGHTING

NMDOT ITEM NO.	SHORT DESCRIPTION	UNIT	ESTIMATE QUANTITY	ESTIMATE UNIT PRICE	ESTIMATE AMOUNT
502030	DRILLED SHAFT FOUNDATION 30" DIAMETER	L.F.	24	\$200.00	\$4,800.00
511000	STRUCTURAL CONCRETE, CLASS A	C.Y.	18	\$1,400.00	\$25,200.00
540060	REINFORCING BARS GRADE 60	LB	612	\$2.00	\$1,224.00
706210	METER PEDESTAL (LIGHTING)	EACH	2	\$8,500.00	\$17,000.00
706350	POWER SERVICE INSTALLATION	LS		\$10,000.00	\$10,000.00
707530	TYPE V STANDARD, 30"	EACH	4	\$4,150.00	\$16,600.00
709020	RIGID ELECTRICAL CONDUIT 2" (DIA.)	L.F.	910	\$12.72	\$11,575.20
710000	ELECTRICAL PULL BOX (STANDARD)	EACH	7	\$1,150.00	\$8,050.00
711110	SINGLE CONDUCTOR 10	L.F.	3,030	\$1.70	\$5,151.00
716701	LED ROADWAY LUMINAIRE	EACH	4	\$835.00	\$3,340.00
SUBTOTAL:					\$102,940.20
CONTINGENCY (30.0%):					\$30,882.06
SUBTOTAL WITH CONTINGENCY:					\$133,822.26
NMGR TAX @ 7.8125%:					\$10,454.86

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LIGHTING SUBTOTAL:

\$144,277.12

CATEGORY: CONSTRUCTION SIGNING

NMDOT ITEM NO.	SHORT DESCRIPTION	UNIT	ESTIMATE QUANTITY	ESTIMATE UNIT PRICE	ESTIMATE AMOUNT
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	LS	LS	\$18,600.00	\$18,600.00
SUBTOTAL:					\$18,600.00
CONTINGENCY (30.0%):					\$5,580.00
SUBTOTAL WITH CONTINGENCY:					\$24,180.00
NMGR TAX @ 7.8125%:					\$1,889.06

CONSTRUCTION SIGNING SUBTOTAL:

\$26,069.06

CATEGORY: PERMANENT SIGNING & STRIPING

NMDOT ITEM NO.	SHORT DESCRIPTION	UNIT	ESTIMATE QUANTITY	ESTIMATE UNIT PRICE	ESTIMATE AMOUNT
701000	PANEL SIGNS	S.F.	110	\$52.50	\$5,775.00
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	L.F.	210	\$18.00	\$3,780.00
704700	HOT THERMOPLASTIC PAVEMENT MARKINGS 4"	L.F.	5,042	\$1.30	\$6,554.60
SUBTOTAL:					\$16,109.60
CONTINGENCY (30.0%):					\$4,832.88
SUBTOTAL WITH CONTINGENCY:					\$20,942.48
NMGR TAX @ 7.8125%:					\$1,636.13

PERMANENT SIGNING & STRIPING SUBTOTAL:

\$22,578.61

COST ESTIMATE SUMMARY

SHORT DESCRIPTION	SUBTOTAL AMOUNT	CONTINGENCY 30%	GR TAX 7.8125%	TOTAL AMOUNT
ROADWAY	\$794,132.00	\$238,239.60	\$80,654.03	\$1,113,025.63
CONSTRUCTION ENGINEERING	\$45,900.00	\$13,770.00	\$4,661.72	\$64,331.72
DRAINAGE	\$199,606.00	\$59,881.80	\$20,272.48	\$279,760.28
LIGHTING	\$102,940.20	\$30,882.06	\$10,454.86	\$144,277.12
CONSTRUCTION SIGNING	\$18,600.00	\$5,580.00	\$1,889.06	\$26,069.06
PERMANENT SIGNING & STRIPING	\$16,109.60	\$4,832.88	\$1,636.13	\$22,578.61
TOTAL =	\$1,177,287.80	\$353,186.34	\$119,568.29	\$1,650,042.43