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MATA BUS ELECTRIFICATION CIVIL PHASE I		7/31/2023			
		PROJECT PHASE: CONSTRUCTION DOCUMENT			
		SSR PROJECT NUMBER: 22640860			
		ESTIMATED BY: D. Donaldson, T. Boone, & G. Lobo			
DESCRIPTION	TDOT ITEM NUMBER	ESTIMATED QUANTITY	UNIT	UNIT COST	ITEM COST
Item List					
	CONSTRUCTION STAKES, LINES, AND GRADES	105-01	1	LS	
	REMOVAL OF ASPHALT PAVEMENT	202-03.01	275	SY	
	MINERAL AGGREGATE, TYPE A BASE, GRADING D	303-01	125	TON	
	SAW CUTTING ASPHALT PAVEMENT	407-20.05	155	LF	
	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	501-01.03	275	SY	
	LOAD TRANSFER DOWEL	502-04.02	192	EACH	
	SAWING & RESEALING JOINTS (SILICONE SEALANT)	502-08.10	200	LF	
	STEEL BAR REINFORCEMENT (ROADWAY)	604-01.02	9,913	LB	
1.	REMOVE AND REPLACE EXISTING CONCRETE DRIVEWAY	701-02	225	S.F.	
	PLASTIC PAVEMENT MARKING (4" LINE)	716-02	180	LF	
	MOBILIZATION	717-01	1	LS	
	480V, 1200A DISTRIBUTION PANEL BOARD - NEMA 3R	-	1	EA	
	MCB 1200AF, 1000AT CIRCUIT BREAKER	-	1	EA	
	400AF, 300AT CIRCUIT BREAKER	-	3	EA	
	SURGE PROTECTION DEVICE	-	1	EA	
	#3 CU CABLE, XHHW-2	-	1	CLF	
	#1/0 CU CABLE, XHHW-2	-	1	CLF	
	#2/0 CU CABLE, XHHW-2	-	13	CLF	
	#4/0 CU CABLE, XHHW-2	-	1	CLF	
	#400 CU CABLE, XHHW-2	-	64	CLF	
	#500 CU CABLE, XHHW-2	-	2	CLF	
	3" CONDUIT	-	1,600	LF	
	4" CONDUIT	-	200	LF	
	STRUT MOUNTING RACK	-	1	EA	
	BOLLARD	-	15	EA	
	TRENCHING AND BACKFILL	-	91	BCY	
	REINFORCED CONCRETE DUCT BANK	-	62	BCY	
2.	INSTALLATION OF EV BUS CHARGER	-	3	EA	
GRAND TOTAL					

- Includes sawcutting, removal, and replacement of existing concrete driveway and curb. Match existing thickness, but assume 8" for bidding purposes.
- Includes labor and equipment necessary for installation of ev bus chargers. Chargers provided by MATA.