

ARKANSAS DEPARTMENT OF TRANSPORTATION

040904

CLEAR CREEK RD. – I-40 (PHASE 1) (F)

FEDERAL AID PROJECT CPFCD5-NHPP-40-1(268)

THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT GRADING AND STRUCTURES OF A FOUR - LANE INTERSTATE FACILITY, INCLUDING IMPROVEMENTS TO THE INTERSTATE 40 AND 49 INTERCHANGE IN CRAWFORD COUNTY. THIS PROJECT CONSISTS OF CLEARING AND GRUBBING, REMOVAL AND DISPOSAL ITEMS, STONE BACKFILL, EARTHWORK, SELECT GRANULAR BACKFILL, ROCK FILL, TRENCHING AND SHOULDER PREPARATION, AGGREGATE BASE COURSE, CEMENT IN CEMENT STABILIZED CRUSHED STONE BASE COURSE, PROCESSING CEMENT STABILIZED CRUSHED STONE BASE COURSE, ACHM BASE, BINDER, AND SURFACE COURSES, COLD MILLING ASPHALT PAVEMENT, ACHM PATCHING OF EXISTING ROADWAY, APPROACH SLABS AND GUTTERS, MAINTENANCE OF TRAFFIC, CONCRETE DITCH PAVING, MINOR DRAINAGE, EROSION CONTROL, PAVEMENT MARKING, ITS ITEMS, ILLUMINATION ITEMS, SIGN ITEMS, CONSTRUCT TWO CONTINUOUS PLATE GIRDER BRIDGES (TOTAL LENGTH 1031.95'), CONSTRUCT FIVE RC BOX CULVERTS (TOTAL LENGTH 296.14'), AND MISC. ITEMS.

ROUTES: 549

SECTIONS: 6

COUNTY: CRAWFORD

LENGTH: 5.028 miles in length.

THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INVOLVED:

201011	CLEARING	282.00	STA
201111	GRUBBING	282.00	STA
202011	R&D OF FENCE	27,005.00	LF
202017	R&D OF GATES	11.00	EACH
202062	R&D OF CONCRETE DRIVEWAYS	1,834.00	SQYD
202082	R&D OF FOUNDATIONS	3.00	SQYD
202096	R&D OF PIPE CULVERTS	26.00	EACH
202097	R&D OF BOX CULVERTS	4.00	EACH
202132	R&D OF GUARDRAIL	510.00	LF
202154	REMOVAL AND DISPOSAL OF WRSF	2,114.00	LF
202156	R&D OF OVERHEAD SIGN STRUCTURE	1.00	EACH
202171	R&D OF BUILDINGS	9.00	EACH
202191	R&D OF SIGNS	43.00	EACH
207011	STONE BACKFILL	16,315.00	TON
210213	UNCLASSIFIED EXCAVATION	453,817.00	CUYD
210433	SELECT GRANULAR BACKFILL	7,827.00	CUYD
210611	COMPACTED EMBANKMENT	1,820,162.00	CUYD
210631	ROCK FILL	209,970.00	CUYD
210672	REMOVING AND REPLACING TOPSOIL	26,932.00	CUYD
210702	SOIL STABILIZATION	2,500.00	TON
215011	TRENCH.AND SHOULDER PREP.	167.00	STA
303117	AGGR.BASE COURSE(CLASS 7)	53,393.00	TON
308021	AGGR.CMNT.STAB.CRSHD.STN.BS.CRS.	13,087.00	TON
308203	CEMENT IN CMNT.STAB.CRSHD.STN.BS	835.00	TON
308204	PROCESS.CMNT.STAB.CRSHD.STN.BS.	39,779.00	SQYD
401011	TACK COAT	6,744.00	GAL
405161	M.A. IN ACHM BASE COURSE(1.5")	8,689.00	TON
405412	A.B.(PG70-22)ACHM BASE(1.5")	308.00	TON
405422	A.B.(PG76-22)ACHM BASE(1.5")	45.00	TON

406161	M.A. IN ACHM BINDER(1")	12,673.00	TON
406412	A.B.(PG70-22)ACHM BINDER(1")	514.00	TON
406422	A.B.(PG76-22)ACHM BINDER(1")	42.00	TON
407162	MA IN ACHM SURFACE(1/2")	13,246.00	TON
407442	AB(PG70-22)ACHM SURF(1/2")	552.00	TON
407452	AB(PG76-22)ACHM SURF(1/2")	190.00	TON
412002	COLD MILLING ASPHALT PVM.T.	817.00	SQYD
415011	ACHM PATCH.EXIST.RDWY.	50.00	TON
501209	P.C.C.PAVEMENT-9"	35,156.00	SQYD
504031	APPROACH SLABS	775.70	CUYD
504264	APPROACH GUTTERS	88.60	CUYD
505011	P.C.CONCRETE DRIVEWAY	303.00	SQYD
506001	P.C.CONCRETE CORRUGATIONS	163.00	SQYD
601001	MOBILIZATION	1.00	L.S.
602002	FURNISHING FIELD LAB.	1.00	EACH
602011	FURNISHING FIELD OFFICE	1.00	EACH
603010	MAINTENANCE OF TRAFFIC	1.00	L.S.
603024	24" TEMPORARY CULVERT	861.00	LF
603048	48" TEMPORARY CULVERT	296.00	LF
604003	SIGNS	1,593.00	SQFT
604005	SIGNS LEFT IN PLACE	20.00	SQFT
604010	CONST PROJ INFO SIGN UPDATE	3.00	EACH
604013	BARRICADES	64.00	LF
604015	BARRICADES LEFT IN PLACE	48.00	LF
604023	TRAFFIC DRUMS	217.00	EACH
604031	FURN.&INSTL.PRCST.CONC.BARR.	14,257.00	LF
604033	FURN,INSTL,&LIP PRCST.CON.BAR.	640.00	LF
604036	RELO.PRECAST CONCRETE BARRIER	22,587.00	LF
604041	CONST.PAVEMENT MARKINGS	56,147.00	LF
604051	REMOVABLE CONST.PVMT.MRK.	121,392.00	LF
604061	REMOVAL OF PERM.PVMT.MRK.	3,222.00	LF
604078	PORT.CHANGEABLE MESSAGE SIGN	156.00	WEEK
604096	PORT.CONSTRUCTION LIGHTING	90.00	DAY
604101	AWIS MOBILIZATION	1.00	L.S.
604102	AWIS OPERATION	36.00	MNTH
604103	DEVICE RELOCATION	60.00	EACH
604104	FURN. & INSTL. CLSD. CIRCT. TV. SYS.	3.00	EACH
604106	FURN. & INSTL. VARIABLE MESSAGE SIGN	3.00	EACH
604107	FURN. & INSTL.VEHICLE DETECTION SYSTEM	12.00	EACH
604160	MOBILE SPEED NOTIFICATION SYSTEM SPECIAL	1.00	EACH
605012	CONC.DITCH PAVING(TYPE B)	5,747.00	SQYD
605601	18" R.C.PIPE CULVERTS(CL.3)	134.00	LF
605606	24" R.C.PIPE CULVERTS(CL.3)	1,714.00	LF
605611	30" R.C.PIPE CULVERTS(CL.3)	928.00	LF
605616	36" R.C.PIPE CULVERTS(CL.3)	198.00	LF
605858	24" FES R.C.PIPE CLVT.	24.00	EACH
605860	30" FES R.C.PIPE CLVT.	12.00	EACH
605862	36" FES R.C.PIPE CLVT.	2.00	EACH
606002	CULVERT CLEAN OUT	7.00	EACH
606701	12" SIDE DRAIN	524.00	LF
606703	18" SIDE DRAIN	284.00	LF
606704	24" SIDE DRAIN	560.00	LF
606994	SELECTED PIPE BEDDING	5,209.00	CUYD
609126	DROP INLETS (TYPE N2)	5.00	EACH

609127	DROP INLETS (TYPE N3)	8.00	EACH
609136	DROP INLETS (TYPE RM)	14.00	EACH
609138	DROP INLETS (TYPE ST)	2.00	EACH
609142	DROP INLETS (TYPE TM)	15.00	EACH
611008	4" PIPE UNDERDRAINS	24,386.00	LF
611013	UNDERDRAIN OUTLET PROTECTORS	112.00	EACH
611034	UNDERDRAIN VIDEO INSPECTION	4,942.00	LF
611104	FLUSHING UNDERDRAIN	4,942.00	LF
614001	CONCRETE SPILLWAY (TYPE A)	13.00	EACH
617005	GUARDRAIL (TYPE A)	11,042.00	LF
617105	TERMINAL ANCHOR POSTS (TYPE 1)	7.00	EACH
617312	GUARDRAIL TERMINAL (TYPE 2)	17.00	EACH
617332	THREE BEAM GUARDRAIL TERMINAL	14.00	EACH
618351	WIRE ROPE SAFETY FENCE	1,512.00	LF
618353	WIRE ROPE SAFETY FENCE MAINT. MATERIALS	1.00	L.S.
618354	WIRE ROPE SAFETY FENCE (POST REPAIR)	50.00	EACH
619025	WIRE FENCE (TYPE A)	49,590.00	LF
620001	LIME	598.00	TON
620011	SEEDING	298.83	ACRE
620022	MULCH COVER	1,223.29	ACRE
620030	WATER	49,382.60	MGAL
621001	TEMPORARY SEEDING	924.46	ACRE
621021	SILT FENCE	56,990.00	LF
621031	SAND BAG DITCH CHECKS	6,886.00	BAG
621041	DIVERSION DITCH	7,232.00	LF
621071	SEDIMENT BASIN	5,533.00	CUYD
621101	OBLITERATION OF SEDIMENT BASIN	5,533.00	CUYD
621111	SEDIMENT REMOVAL & DISPOSAL	8,224.00	CUYD
621131	PIPE FOR SLOPE DRAINS	1,615.00	LF
621151	ROCK DITCH CHECKS	801.00	CUYD
621168	FILTER SOCK (12")	1,450.00	LF
621173	WATTLE (20")	25,977.00	LF
621181	TRIANGULAR SILT DIKE	3,230.00	LF
623001	SECOND SEEDING APPLICATION	298.83	ACRE
624001	SOLID SODDING	3,397.00	SQYD
625008	GEOTEXTILE FABRIC (TYPE 8)	75,948.00	SQYD
625010	GEOTEXTILE FABRIC (TYPE 10)	101,554.00	SQYD
625031	GEOTEXTILE FABRIC (TYPE SPECIAL)	39,779.00	SQYD
631048	CONC.BARR.WALL(MEDIAN TYPE SPEC.)	101.00	LF
631173	CONC.BARR.WALL(SIDE TYPE A)	3,007.00	LF
631177	CONC.BARR.WALL(SIDE TYPE E)	51.00	LF
635011	ROADWAY CONSTRUCTION CONTROL	1.00	L.S.
636001	BRIDGE CONSTRUCTION CONTROL	1.00	L.S.
637001	MAILBOXES	10.00	EACH
637017	MAILBOX SUPPORTS (SINGLE)	10.00	EACH
642001	RUMBLE STRIPS IN ASPHALT SHOULDERS	8,003.00	LF
642002	RUMBLE STRIPS IN P.C.C.SHOULDERS	484.00	LF
708440	ELEC COND (ROADWAY) (2C/3 AWG EGC)	3,621.00	LF
708441	ELEC COND (ROAD) (2C/4)	3,022.00	LF
708442	ELEC COND (ROAD) (2C/8)	4,370.00	LF
708443	ELEC COND FOR LUMN (ROAD)	504.00	LF
709007	GALVANIZED STEEL CONDUIT (4")	2,706.00	LF
710003	NON-METALLIC CONDUIT (1.5")	4,935.00	LF
710004	NON-METALLIC CONDUIT (2")	6,862.00	LF

710026	NON-METALLIC CONDUIT (4")	224.00	LF
711117	CONCRETE PULL BOX (TYPE 2 HD)	63.00	EACH
711506	FIBER OPTIC CONCRETE PULL BOX (TYP 5 HD)	4.00	EACH
711550	ITS FIBER JUNCTION BOX	10.00	EACH
714642	HIGH MAST ILL. ASMBLY(150'-6)	1.00	EACH
714680	HIGH MAST ILLUM. ASMBLY (120-6 LMNR)	3.00	EACH
714681	HIGH MAST ILLMN ASMBLY (120-6 LMN-PAD)	1.00	EACH
714682	HIGH MAST ILLMN ASMBLY (120-6 LMN-PED)	4.00	EACH
714684	HIGH MAST ILLMN ASMBLY (100-6 LUMNR)	1.00	EACH
714685	HIGH MAST SERVICE PLATFORM	4.00	EACH
714689	METAL GRATE FOR PLATFORM	886.20	SQFT
714856	RDWY ILLMN (15400 LMN, CBRA, BRKAWY, 30)	6.00	EACH
715111	PED TYPE SERV POINT ASSEMBLY (100 AMP)	5.00	EACH
718102	REFL.PAINT PVMT.MRK.YL(6")	4,278.00	LF
719502	ENHANCED THERMO. PVMT. MRK. WH (6")	18,996.00	LF
719505	ENHANCED THERMO. PVMT. MRK. WH (12")	3,066.00	LF
719602	ENHANCED THERMO. PVMT. MRK. YL (6")	16,547.00	LF
721002	RAISED PAVEMENT MARKERS-2	619.00	EACH
724022	STEEL O.H.SIGN STRUCTURE (OH-049-RAMP-100)	1.00	EACH
724023	STEEL O.H.SIGN STRUCTURE (OH-049-101)	1.00	EACH
724024	STEEL O.H.SIGN STRUCTURE (OH-049-103)	1.00	EACH
724025	STEEL O.H.SIGN STRUCTURE (OH-049-RAMP-106)	1.00	EACH
724227	STEEL CANTILEVER SIGN STR.(OC-049-104)	1.00	EACH
724228	STEEL CANTILEVER SIGN STR.(OC-049-102)	1.00	EACH
725003	G.SIGN-ROADSIDE MOUNT(DMNTBL)	142.00	SQFT
726002	STANDARD SIGN	583.00	SQFT
727004	EXIT NO.PANEL(TYPE A)	20.00	SQFT
729005	CHANNEL POST SIGN SUP-U 1	6.00	EACH
730202	BRKAWAY SIGN SUPPORT-TYPE G-2	3,149.00	LB
730499	OMNI-DIR.BRKAWAY SIGN SUPPORT-TYPE G-1	15.00	EACH
730500	OMNI-DIR.BRKAWAY SIGN SUPPORT-TYPE G-2	6.00	EACH
730502	OMNI-DIR.BRKAWAY SIGN SUPPORT-TYPE G2-1	9.00	EACH
730503	OMNI-DIR.BRKAWAY SIGN SUPPORTS-TYPE G2-2	2.00	EACH
731071	TEMP. IMPACT ATTEN. BARR.	22.00	EACH
731072	TEMP. IMPACT ATTEN. BARRIER (REPAIR)	22.00	EACH
732011	CRASH CUSHION	2.00	EACH
801001	UNCLASS.EXCAV.FOR STRS-BR	790.00	CUYD
801101	UNCLASS.EXCAV.FOR STRS-RDWY.	7,440.00	CUYD
802012	CLASS 5 CONCRETE-ROADWAY	14,815.84	CUYD
802112	CLASS 5 CONCRETE-BRIDGE	2,228.50	CUYD
802122	CLASS 5(AE) CONCRETE-BRIDGE	4,167.10	CUYD
802222	RETAINING WALL	4,693.00	SQFT
802226	TEMPORARY RETAINING WALL	9,194.00	SQFT
802229	ARCHITECTURAL FINISH	4,302.00	SQFT
802951	TEXTURED COATING FINISH	4,065.00	SQYD
803004	CLASS 2 PROTECTIVE SURFACE TREATMENT	15,879.80	SQYD
804003	REINF.STEEL-ROADWAY (GR 60)	1,704,043.00	LB
804013	REINF.STEEL-BRIDGE (GR 60)	440,990.00	LB
804023	EPOXY COAT.REINF.STEEL-GR 60	981,390.00	LB
805024	STEEL PILING (HP 14X73)	5,545.00	LF
805041	CORING DRILLED SHAFT	353.00	LF
805056	DRILLED SHAFT (54" DIAMETER)	1,405.00	LF
805084	PERMANENT STEEL CASING(60")	833.00	LF
805504	PREBORING	4,500.00	LF

805709	CROSSHOLE SONIC LOGGING (54" DIA.)	48.00	EACH
807232	STR.ST.PL.GRD.SPN(M270-GR50)	1,560,590.00	LB
807233	STR.ST.PL.GRD.SPN(M270-GR50W)	3,582,580.00	LB
807301	PAINTING STRUCTURAL STEEL	1,111.80	TON
808002	ELASTOMERIC BEARINGS	144,893.00	CUIN
809013	ARM. JT W/NEOPRENE STRIP SEAL	252.00	LF
809015	SILICONE JOINT SEALANT	171.00	LF
812004	BRIDGE NAME PLATE (TYPE D)	6.00	EACH
816003	FILTER BLANKET	14,858.00	SQYD
816111	DUMPED RIPRAP	7,476.00	CUYD
816121	CONCRETE RIPRAP	791.00	CUYD

24" PIPE CULVERTS ALTERNATE - BID ONE ITEM ONLY

605606	24" R.C.PIPE CULVERTS(CL.3)	124.00	LF
605691	24" ASPH.C.C.ST.PIPE CLVT.-16G	130.00	LF
605706	24" AL.C.C.ST.PIPE CLVT.-16G	130.00	LF
605725	24" P.P.M.C.C.ST.PIPE CLVT.-16G	130.00	LF
605842	24" HIGH DENSITY POLYETHYLENE PIPE	130.00	LF
605848	24" PVC PIPE	130.00	LF

36" PIPE CULVERTS ALTERNATE - BID ONE ITEM ONLY

605616	36" R.C.PIPE CULVERTS(CL.3)	166.00	LF
605694	36" ASPH.C.C.ST.PIPE CLVT.-14G	172.00	LF
605708	36" AL.C.C.ST.PIPE CLVT.-14G	172.00	LF
605729	36" P.P.M.C.C.ST.PIPE CLVT.-14G	172.00	LF
605844	36" HIGH DENSITY POLYETHYLENE PIPE	172.00	LF
605850	36" PVC PIPE	172.00	LF

16' GATES ALTERNATE - BID ONE ITEM ONLY

619332	16' STEEL GATES	24.00	EACH
619430	16' ALUMINUM GATES	24.00	EACH

THIS PROPOSAL CONTAINS THE JOB SPECIAL PROVISION "SITE USE (A+C METHOD)-CALENDAR DAY CONTRACT" FOR BIDDING IN WHICH THE BIDDER WILL DETERMINE THE NUMBER OF CALENDAR DAYS TO COMPLETE THE PROJECT.

THE NUMBER OF TRAINEES REQUIRED FOR THIS PROJECT IS 14.