

CONCRETE PAVEMENT 9"			
LOCATION	STATION TO STATION		QUANTITY (S.Y.)
Amidon Ave.	26+75.00	27+57.60	355.57
Amidon Ave.	33+03.40	36+30.00	1,575.85
TOTAL			1,931.43

CONCRETE PAVEMENT (COLORED AND STAMPED) (MEASURED QUANTITY)				
LOCATION	STATION TO STATION		QUANTITY (S.Y.)	
			4"	5"
Amidon Ave.	34+30.00	37+20.00	190.62	
East Sidewalk	21+50.00	21+68.00		12.00
TOTAL			190.62	12.00

CONCRETE CURB AND GUTTER					
LOCATION	STATION TO STATION		SIDE	TYPE	
				TYPE 1 (L.F.)	TYPE 3 (L.F.)
Amidon Ave.	26+10.00	27+57.60	Lt.	174.61	
Amidon Ave.	26+10.00	27+33.71	Rt.	123.72	
Amidon Ave.	33+03.40	36+31.00	Rt.	328.80	
Amidon Ave.	33+27.29	35+85.00	Lt.	257.85	
Amidon Ave.	34+20.00	37+30.00	Lt.		310.11
Amidon Ave.	34+20.00	37+30.00	Rt.		311.01
TOTAL				884.98	621.12

CRUSHED ROCK BASE 6", REINFORCED			
LOCATION	STATION TO STATION		QUANTITY (S.Y.)
Amidon Ave.	26+10.00	27+57.60	461.09
Amidon Ave.	33+03.40	37+30.00	2,018.54
TOTAL			2,479.63

SUMMARY OF EARTHWORK QUANTITIES														
STAGE	LOCATION	STATION TO STATION		EXCAVATION		BORROW EXCAVATION (CONTRACTOR FURNISHED)		FILL	BACKFILL	THRU EARTH CUTS		WASTE		
				CU. YDS.	V.M.F.	CU. YDS.	V.M.F.			CU. YDS.	CU. YDS.		EXCAVATION	FILL
1	West Sidewalk No. 1	10+00.00	11+25.00	38	0.80	137	0.80	107	33	5	5			
	West Sidewalk No. 2	30+00.00	30+75.00	0	0.80	58	0.80	40	6	4	4			
2	Amidon Ave.	26+10.00	37+30.00	2,749	0.80			264	135	524	524	2,250		
	West Sidewalk No. 1	11+25.00	12+20.00	12	0.80	*0	0.80	389						
	East Sidewalk	20+00.00	23+18.80	41	0.80			3	2	36	36	35		
	Riverbank Sidewalk	40+00.00	43+41.55	*920	0.80			12	12	61	61	416		
TOTAL				3,760		195		815	188	630	630	2,701		

Note: Fill, Backfill, and Compaction Thru Cuts are paid for as "Fill, Compacted (95% Density)". Total Amount = 1,633 Cu. Yds.
 *474 Cu. Yds. to be hauled from Riverbank Sidewalk Balance Sta. 40+00.00 to Sta. 43+41.55 to West Sidewalk No. 1 Balance Sta. 11+25.00 to Sta. 12+20.00.

PIPE CULVERT SUMMARY																	
LOCATION	STATION	OFFSET	SIDE	TYPE	MATERIAL	SIZE	CROWN GRADE	FLOWLINE		HORIZ. ROADWAY		DEGREE OF ROTATION	PIPE LENGTH		LINEAR FT. OF PIPE	END SECTIONS	
								LT.	RT.	LT.	RT.		LT.	RT.		LT.	RT.
West Sidewalk No. 1	11+25.00	0.00	€	CRP	ACSP or RCP	18"	1310.96	1308.25	1308.50	5.00	5.00	0°	14.00	14.00	28	1	1

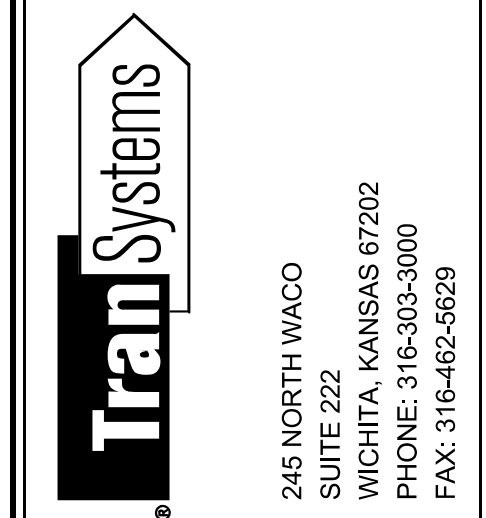
CONCRETE SIDEWALK (MEASURED QUANTITY)						
LOCATION	STATION TO STATION		SIDE	WIDTH	QUANTITY (S.F.)	
					4"	5"
Amidon Ave.	26+10.00	27+03.72	Lt.	Varies	547.34	
Amidon Ave.	26+75.00	27+33.71	Rt.	Varies	406.64	
Amidon Ave.	27+03.72	27+57.60	Lt.	Varies		667.83
Amidon Ave.	33+27.29	36+10.00	Lt.	Varies		2,774.17
East Sidewalk	20+00.00	20+31.28	€	Varies	437.21	
East Sidewalk	20+31.28	21+50.00	€	6.00	712.32	
East Sidewalk	21+68.00	23+18.80	€	6.00	904.77	
West Sidewalk #1	10+00.00	10+10.00	€	Varies		90.00
West Sidewalk #1	10+10.00	12+20.00	€	10.00		2,100.00
West Sidewalk #2	30+00.00	30+10.00	€	Varies		91.38
West Sidewalk #2	30+10.00	30+88.21	€	10.00		782.11
West Sidewalk #2	30+88.21	31+00.00	€	Varies		162.14
Riverbank Sidewalk	40+00.00	40+10.00	€	Varies		89.96
Riverbank Sidewalk	40+10.00	43+31.55	€	10.00		3,215.50
Riverbank Sidewalk	43+31.55	43+41.55	€	Varies		89.95
TOTAL					3,008.28	10,063.04

CONCRETE SIDEWALK, THICKENED EDGE (MEASURED QUANTITY)				
LOCATION	STATION TO STATION		SIDE	QUANTITY (L.F.)
Amidon Ave.	26+10.00	27+57.60	Lt.	147.61
Amidon Ave.	26+75.00	27+33.71	Rt.	58.72
Amidon Ave.	33+27.29	33+54.31	Lt.	27.02
TOTAL				233.35

WHEELCHAIR RAMPS		
LOCATION	QUANTITY (EACH)	
	w/ DETECTABLE WARNING	
Amidon Ave. & 15th St. Intersection		
NW Corner	1	
NE Corner	1	
TOTAL	2	

RECAPITULATION OF QUANTITIES		
BID ITEM	QUANTITY	UNIT
LUMP SUM BID ITEMS - PAVING		
Mobilization	1	Lump Sum
Field Office & Laboratory (Type A)	1	Each
Site Clearing	1	Lump Sum
Site Restoration	1	Lump Sum
Removal of Existing Structures	1	Lump Sum
Excavation, Common	4,390	Cu. Yd.
Excavation, Borrow (Contractor Furnished)	195	Cu. Yd.
Fill, Compacted (95% Density)	1,633	Cu. Yd.
MEASURED QUANTITY BID ITEMS - PAVING		
Concrete &/or Asphalt Pavement Removed	4,258	Sq. Yd.
Concrete Pavement 4" (Colored & Stamped)	191	Sq. Yd.
Concrete Pavement 5" (Colored & Stamped)	12	Sq. Yd.
Concrete Pavement 9" (NRDJ)	1,931	Sq. Yd.
Concrete Pavement (10" Uniform)(AE)(Br App)	577	Sq. Yd.
Concrete Safety Barrier (Special)	120	L.F.
Concrete Ramp Nose Section (Median)	2	Each
Bridge Approach Slab Footing	84	Cu. Yd.
Crushed Rock Base 6", Reinforced	2,480	Sq. Yd.
Concrete C & G, Comb. Type 1 (6" & 1-1/2")	885	L.F.
Concrete C & G, Comb. Type 3 (8" & 1-1/2")	621	L.F.
Wheelchair Ramp w/ Detectable Warnings	2	Each
Concrete Sidewalk 4"	3,008	Sq. Ft.
Concrete Sidewalk 5"	10,063	Sq. Ft.
Concrete Sidewalk 6", Reinforced	1,233	Sq. Ft.
Concrete Sidewalk 10", Reinforced	662	Sq. Ft.
Concrete Sidewalk, Thickened Edge	233	L.F.
Concrete Sidewalk Protection Curb	100	L.F.
AC Pavement 6", Temporary (Utility Patch)	50	Sq. Yd.
LUMP SUM BID ITEMS - BRIDGE		
Excavation (Class I)	772	Cu. Yd.
Excavation (Class II)	1,400	Cu. Yd.
Concrete (Grade 4.0)(AE)	1,275	Cu. Yd.
Concrete (Grade 4.0)(AE)(SA)(MPC)	1,492	Cu. Yd.
Reinforcing Steel (Grade 60)(Epoxy Coated)	374,370	Lbs
Reinforcing Steel (Grade 60)	274,270	Lbs
Piles (Steel)(HP12x53)	11,152	L.F.
Bridge Backwall Protection System	265	Sq. Yd.
Abutment Strip Drain	236	Sq. Yd.
Bearing (TFE/Elastomeric)	18	Each
Bearing (Steel Reinforced Elastomeric)	36	Each
Prestressed Concrete Beam (K4)	4,136	L.F.
Riprap (Reinforced Concrete)(6")	363	Sq. Yd.
Slope Protection (Aggregate)	305	Cu. Yd.
Bridge Deck Grooving	2,390	Sq. Yd.
Electrical Lighting System	1	Lump Sum
Bridge Handrail (Metal)(4'-6")	507	L.F.
Bridge Handrail (Metal)(3'-6")	507	L.F.
Bridge Handrail (Metal)(1'-10")	468	L.F.
Aesthetic Metal Tower	4	Each
Artist Coordination	1	Lump Sum
LUMP SUM BID ITEMS - DRAINAGE		
Pipe, Cross Road 18"	28	L.F.
Pipe, 18" End Section	2	Each
LUMP SUM BID ITEMS - LANDSCAPING		
Seeding	1	Lump Sum
Sodding	1	Lump Sum
Tree Removal (Large & Small)	1	Lump Sum
LUMP SUM BID ITEMS - TRAFFIC		
Pavement Marking	1	Lump Sum
Signing	1	Lump Sum
Traffic Control	1	Lump Sum
MEASURED QUANTITY BID ITEMS - TRAFFIC		
Sign, Electronic Portable Message	100	Day
MEASURED QUANTITY BID ITEMS - BMP'S		
BMP, Back of Curb Protection	1,506	L.F.
BMP, Silt Fence	2,100	L.F.
BMP, Construction Entrance	2	Each
LUMP SUM BID ITEMS - SLUDGE LINE		
Locate Existing Sludge Line	1	Lump Sum
Signing	1	Lump Sum
MEASURED QUANTITY BID ITEMS - SLUDGE LINE		
Pipe, DI RJ 4"	138	L.F.
Pipe, DI RJ 4", Bored	106	L.F.
Pipe, DR 7 HDPE 6"	552	L.F.
Pipe, Casing (DR 13.5 HDPE 10"), Directional Drilled	491	L.F.
2" Vent Pipe	2	Each

See Sh. No. 20 for Summary of South Approach Slab Quantities
 See Sh. No. 21 for Summary of North Approach Slab Quantities
 See Sh. No. 23 for Summary of Transition Barrier Quantities
 See Sh. No. 27 for Summary of Bridge Quantities
 See Sh. No. 86 for Summary of Pavement Marking Quantities
 See Sh. No. 90 for Summary of Signing Quantities
 See Sh. No. 99 for Summary of Traffic Control Quantities



CONSULTANTS:

AMIDON AVENUE BRIDGE
at ARKANSAS RIVER



REVISIONS:	DATE	MARK	DESCRIPTION

PROJ NO: E1010-40250621
 SCALE: 1"=1'
 DATE: 7/13/2022
 DESIGNED BY: CKC
 DRAWN BY: CKC
 CHECKED BY: MDB

SHEET TITLE:
QUANTITIES
 SHEET NO.
71
 SHEET 71 OF 128