SUMMARY OF QUANTITIES

HARRY STREET BRIDGE
OVER ARKANSAS RIVER

REMOVAL OF EXISTING STRUCTURES (FOR INFORMATION ONLY)

STATION	SIDE	REMARKS
7+50 - 7+71	Rt.	Brick Paver Crosswalk
7+69 - 8+04	Lt. & Rt.	Brick Paver Median
7+94	Rt.	Speed Limit Sign
7+97 - 8+62	Lt.	24" x 65' RCP, Manhole
8+15 - 8+55	Lt.	Manhole, 18" x 38' RCP
8+26 - 8+39	Lt.	66' Timber Retaining Wall
10+00	Lt. & Rt.	Existing Bridge No. 53040087000AR40
11+90 - 12+10	Rt.	54" x 16' RCP w/ Headwall

TREE REMOVED

STATION	SIDE	LARGE	SMALL
7+85	Lt.		1
8+38	Rt.		1
8+38	Rt.	1	
TOTALS		1	2

BRICK PAVERS REMOVED & RESET

STATION to STATION		SIDE	WIDTH FT.	SQ. YDS.	REMARKS
7+50.33	7+59.15	Rt.	10	7.9	Crosswalk
7+58.02	7+69.41	Rt.	10	16.1	Crosswalk
TOTAL				24.0	

BRICK PAVERS REMOVED

STATION to STATION		SIDE	WIDTH FT.	SQ. YDS.	REMARKS
7+55	7+71	Rt.	10	43	Crosswalk
7+69	8+04	Rt. & Lt.	2	6	Median
TOTAL				49	

COLORED CONCRETE PAVEMENT (5" UNIF)(AE)(PL)

STATION to STATION		SIDE	COLORED CONCRETE PAVEMENT (5" UNIF)(AE)(PL) SQ. YDS.	THICKENED EDGE FT.	REMARKS
Harry Street					
7+60.55	7+65.41	Rt.	1.6	5.8	Graphite (Iron Oxide)
7+55.68	8+02.06	Lt.	35.1	22.4	Graphite (Iron Oxide)
7+69.92	8+11.38	Rt.	75.0	47.1	Graphite (Iron Oxide)
12+04.13	12+43.53	Rt.	62.9	49.4	Graphite (Iron Oxide)
Sidewalk B					
199+60.00	200+41.08	Lt.	136.0		Graphite (Iron Oxide)
199+60.00	200+41.00	Rt.	42.1		Graphite (Iron Oxide)
TOTALS			352.7	124.7	

EARTHWORK

STATION to STATION		EXCAVATION						TYPE A MR-5-5	** WASTE
		COMMON		* ROCK		CONTRACTOR FURNISHED			
		CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	CU. YDS.
Harry Street									
7+46.61	12+45.00	317	0.80	168	1.00	895	0.80	1,023	0
Sidewalk A									
100+00.00	106+39.06	105	0.80	44	1.00	0	0.80	72	0
Sidewalk B									
199+00.00	201+25.00	156	0.80	189	1.00	0	0.80	83	0
TOTALS		578		401		895		1,178	0

* For Information only. Removal of pavement, sidewalk, curb & gutter, brick pavers, and rip-rap to be paid for by Sq. Yd. or Lin. Ft. of their respective bid items.
All existing pavement, sidewalk, curb & gutter, brick pavers, and rip-rap removed is to be wasted on sites provided by the contractor unless shown to be salvaged.

** Does not include Rock Excavation to be wasted.

12 CY hauled from Sidewalk A to Harry Street.
42 CY hauled from Sidewalk B to Harry Street.

WHEELCHAIR RAMP WITH DETECTABLE WARNING PANELS

STATION	SIDE	WIDTH FT.	TYPE I EACH	REMARKS
Harry Street				
12+39.54	Rt.	10	1	
Sidewalk A				
106+32.80	Lt.	6	1	
106+41.07	Lt.	8	1	
TOTAL			1	

SIDEWALK REMOVED

STATION to STATION		SIDE	SQ. YDS.	REMARKS
Harry Street				
7+64	8+22	Rt.	64	
7+76	8+22	Lt.	34	
12+16	12+45	Rt.	24	
12+16	12+45	Lt.	16	
Sidewalk B				
199+00	201+25	Lt. & Rt.	272	
TOTAL			410	

CONCRETE SIDEWALK (5")

STATION to STATION		SIDE	WIDTH FT.	SQ. FT.	THICKENED EDGE FT.
Harry Street					
7+76.06	8+14.90	Lt.	8	286.0	11.7
11+99.75	12+39.54	Rt.	10	500.8	4.4
Sidewalk A					
100+00.00	106+87.52	Lt. & Rt.	10	6,837.6	4.3
Sidewalk B					
199+00.00	201+25.00	Lt. & Rt.	10	2,249.9	
TOTALS				9,874.3	20.4

CONCRETE SIDEWALK (4")

STATION to STATION		SIDE	WIDTH FT.	SQ. FT.	THICKENED EDGE FT.
Harry Street					
11+99.75	12+45.00	Lt.	4	223.7	22.7
TOTALS				223.7	22.7

AC SIDEWALK (TEMPORARY)

STATION to STATION		SIDE	WIDTH FT.	SQ. FT.
Sidewalk A				
106+00.00	106+33.92	Lt. & Rt.	10	294.5
TOTAL				294.5

CONCRETE PAVEMENT

STATION to STATION		SIDE	CONC. PVMT. 9" (REINFORCED) SQ. YDS.	CRUSHED ROCK BASE 6", REINFORCED SQ. YDS.
7+46.61	8+15.25	Lt. & Rt.	225.4	272.3
8+15.25	8+28.50	Lt. & Rt.		60.4
11+86.50	12+20.00	Lt. & Rt.		152.6
12+20.00	12+47.18	Lt. & Rt.	105.8	132.4
TOTALS			331.2	617.7

PAVEMENT REMOVED

STATION to STATION		SIDE	SQ. YDS.	REMARKS
7+47	8+22	Lt. & Rt.	339	
12+16	12+47	Lt. & Rt.	151	
TOTAL			490	

CONCRETE CURB & GUTTER

STATION to STATION		SIDE	TYPE 1 (6") LIN. FT.	REMARKS
7+57.67	7+99.50	Rt.	92.4	
7+78.17	7+96.53	Lt.	16.9	
12+20.00	12+45.34	Rt.	45.1	
12+20.00	12+45.00	Lt.	22.0	
TOTALS			176.4	

CONCRETE CURB & GUTTER REMOVED

STATION to STATION		SIDE	LIN. FT.	REMARKS
7+58	8+22	Rt.	105	
7+78	8+22	Lt.	40	
12+16	12+45	Lt.	43	
12+16	12+45	Rt.	26	
TOTALS			214	

RIP-RAP (LIGHT STONE) (18")

STATION to STATION		SIDE	SQ. YDS.	REMARKS
Harry Street				
11+21.56	11+83.50	Lt. & Rt.	424.5	
Sidewalk B				
199+00.00	201+25.00	Rt.	415.9	
TOTAL			840.4	

RIP-RAP REMOVED & RESET

STATION to STATION		SIDE	SQ. YDS.	REMARKS
Harry Street				
11+26.64	11+46.70	Rt.	69	
TOTAL			69	

RIP-RAP REMOVED

STATION to STATION		SIDE	SQ. YDS.	REMARKS
Harry Street				
11+28	12+11	Rt.	278	
Sidewalk B				
199+00	201+25	Rt.	300	
TOTAL			578	

RECAPITULATION OF QUANTITIES

ITEM	QUANTITY	UNIT
LUMP SUM BID ITEMS - PAVING		
Mobilization	1	Lump Sum
Mobilization (DBE)	1	Lump Sum
Construction Staking	1	Lump Sum
Removal of Existing Structures	1	Lump Sum
Site Clearing	1	Lump Sum
Site Restoration	1	Lump Sum
Excavation	578	Cu. Yd.
Fill, Compacted (95% Density)	1,178	Cu. Yd.
Fill, Compacted (95% Density), Contractor Furnished	895	Cu. Yd.
Transporation of Salvaged Material	1	Lump Sum
Fiber Optic Cable Relocation	1	Lump Sum
LUMP SUM BID ITEMS - DRAINAGE		
MH, Reinforced Concrete	2	Each
MH, Standard SWS (5')	1	Each
LUMP SUM BID ITEMS - LANDSCAPING		
Sodding	1	Lump Sum
LUMP SUM BID ITEMS - RETAINING WALL		
Concrete (Grade 4.0) (AE)	108	Cu. Yd.
Reinforcing Steel (Grade 60) (Epoxy Coated)	31,020	Lb.
Excavation (Class III)	654	Cu. Yd.
Handrail (Metal) (3'-6")	48	Lin. Ft.
Handrail (Metal) (4'-6")	51	Lin. Ft.
Piles (Steel Sheet) (8'-0") (7 ga.)	96	Lin. Ft.
LUMP SUM BID ITEMS - TRAFFIC		
Pavement Markings	1	Lump Sum
Signing	1	Lump Sum
Traffic Signalization	1	Lump Sum
Traffic Control	1	Lump Sum
MEASURED QUANTITY BID ITEMS - PAVING		
Field Office and Laboratory (Type A)	1	Each
Pavement Removed	490	Sq. Yd.
Concrete C & G Removed	214	Lin. Ft.
Sidewalk, Drive, &/or Pkg Lot Removed	410	Sq. Yd.
Brick Pavers Removed	49	Sq. Yd.
Brick Pavers Removed & Reset	24	Sq. Yd.
Concrete Pavement 12" (Bridge Approach)	200	Sq. Yd.
Concrete Pavement 9" (Reinforced)	332	Sq. Yd.
Colored Concrete Pavement 5" (Reinforced)	353	Sq. Yd.
Crushed Rock Base 6", Reinforced	618	Sq. Yd.
Concrete C & G, Type I (6")	177	Lin. Ft.
Concrete Sidewalk 5"	9,875	Sq. Ft.
Concrete Sidewalk 4"	224	Sq. Ft.
Sidewalk Thickened Edge	168	Lin. Ft.
Wheelchair Ramp w/ Detectable Warning Panels	3	Ea
Concrete (Grade 4.0) (AE)	9	Cu. Yd.
Reinforcing Steel (Grade 60) (Epoxy Coated)	2,870	Lbs.
Bridge Approach Slab Footing	35	Cu. Yd.
MEASURED QUANTITY BID ITEMS - DRAINAGE		
Pipe, SWS 24" (RCP)	87	Lin. Ft.
Pipe, SWS 30" (RCP)	41	Lin. Ft.
Pipe, SWS 54" (RCP)	78	Lin. Ft.
Fill, Sand (Flushed & Vibrated)	43	Lin. Ft.
Rip-Rap, Light Stone (18")	841	Sq. Yd.
Rip-Rap Removed & Reset	69	Sq. Yd.
Rip-Rap Removed	578	Sq. Yd.
Concrete (Grade 4.0) (AE)	23	Cu. Yd.
Reinforcing Steel (Grade 60) (Epoxy Coated)	2,433	Lb.
MEASURED QUANTITY BID ITEMS - EROSION CONTROL BMP		
Seeding, Temporary	1	Ac.
BMP, Back of Curb Protection	53	Lin. Ft.
BMP, Construction Entrance	2	Each
BMP, Silt Fence	1,510	Lin. Ft.
MEASURED QUANTITY BID ITEMS - LANDSCAPING		
Tree Removed, Large	1	Each
Tree Removed, Small	2	Each
MEASURED QUANTITY BID ITEMS - TRAFFIC		
AC Sidewalk, Temporary	295	Sq. Ft.

For Approach Slab Quantities, See Sheet No's. 18 - 19
For Concrete Safety Barrier Quantities, See Sheet No. 25
For Storm Sewer Quantities, See Sheet No. 35
For Retaining Wall Quantities, See Sheet No. 39
For Bridge Quantities, See Sheet No. 43
For Erosion Control BMP Quantities, See Sheet No. 86
For Landscape Quantities, See Sheet No. 93
For Lighting Quantities, See Sheet No. 95
For Traffic Signalization Quantities, See Sheet No. 104

CITY OF WICHITA

WSP

REVISIONS | NO. | DATE | DESCRIPTION

PROJ NO:	35838B
SCALE:	AS NOTED
DATE:	.
DESIGNED BY:	--
DRAWN BY:	--
CHECKED BY:	-
YEAR:	2019

SHEET NO
85
SHEET 85 OF 135

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