

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

CRUSHED ROCK BASE				
STATION TO STATION (INCLUDES ALL SIDE ROADS)	CRUSHED ROCK BASE (m ²) (200 mm)	CRUSHED ROCK BASE (m ²) (100 mm)	GEOGRID REINFORCEMENT (FOR BASE) (m ²)	REMARKS
21st. North				
0+752.68 - 1+720.61	16930.10		16930.10	
0+775.99 Lt.	144.17		144.17	Roosevelt
0+999.89 Lt.	143.32		143.32	Bluff
1+186.21 Lt.	84.12		84.12	Fountain
1+324.79 Rt.	163.05		163.05	WSU
1+327.98 Lt.	148.92		148.92	Belmont
1+502.75 Lt.	139.19		139.19	Crestview
1+596.32 Lt.	119.69		119.69	Crestview
PROJECT TOTAL	17872.56		17872.56 *	

* FOR INFORMATION ONLY

REMOVAL OF EXISTING STRUCTURES * (FOR INFORMATION ONLY)		
STATION	OFFSET	DESCRIPTION
0+864.1	C/L	RCB AND HEADWALLS
0+864.7	7.4 m LT.	CURB INLET
0+864.7	7.6 m RT.	CURB INLET
0+864.7 - 0+892.5	7.4 m LT.	RCP
0+864.7 - 0+891.8	7.6 m RT.	RCP
0+891.8	7.5 m RT.	CURB INLET
0+892.5	7.4 m LT.	CURB INLET
0+891.8 - 0+901.9	7.5 m RT.	RCP
0+892.5 - 0+898.7	7.4 m LT.	RCP
0+898.7	7.4 m LT.	CURB INLET
0+898.7 - 0+901.3	7.4 m LT.	RCP
0+901.3	7.4 m LT.	CURB INLET
0+901.9	7.5 m RT.	CURB INLET
0+901.3 - 0+904.0	7.4 m LT.	RCP
0+901.9 - 0+904.4	7.5 m RT.	RCP
0+904.0	7.4 m LT.	CURB INLET
0+904.0 - 0+915.2	7.4 m LT.	RCP
0+904.4	7.5 m RT.	CURB INLET
0+904.4 - 0+907.1	7.5 m RT.	RCP
0+907.1	7.5 m RT.	CURB INLET
0+907.1 - 0+909.8	7.5 m RT.	RCP
0+909.8	7.5 m RT.	CURB INLET
0+909.8 - 0+917.4	7.5 m RT.	RCP
0+915.2	7.4 m LT.	CURB INLET
0+915.2 - 0+921.0	7.4 m LT.	RCP
0+917.4	7.5 m RT.	CURB INLET
0+921.0	7.4 m LT.	CURB INLET
1+274.4	13.3 m RT.	YARD LIGHT
1+280.3	13.2 m RT.	YARD LIGHT
1+285.2	14.5 m RT.	YARD LIGHT
1+507.7	10.8 m LT.	YARD LIGHT
1+592.1	12.7 m LT.	YARD LIGHT
1+561.6	7.5 m RT.	CURB INLET
1+561.6 - 1+565.2	7.5 m RT.	RCP
1+561.9	7.4 m LT.	CURB INLET
1+561.9 - 1+565.6	7.4 m LT.	RCP
1+565.2	7.5 m RT.	CURB INLET
1+565.2 - 1+568.4	7.5 m RT.	RCP
1+565.6	7.4 m LT.	CURB INLET
1+565.6 - 1+568.3	7.4 m LT.	RCP
1+568.3 - 1+571.8	7.4 m LT.	RCP
1+568.4 - 1+571.7	7.5 m RT.	RCP
1+568.4	5.4 m RT.	3.5 m 1220 mm RCP
1+568.4	9.3 m RT.	HEADWALL
1+571.7	7.5 m RT.	CURB INLET
1+571.7 - 1+575.4	7.5 m RT.	RCP
1+571.8	7.4 m LT.	CURB INLET
1+571.8 - 1+575.0	7.4 m LT.	RCP
1+575.0	7.4 m LT.	CURB INLET
1+575.4	7.5 m RT.	CURB INLET
1+603.4	30.8 m RT.	CONCRETE WEIR
1+603.5	27.7 m RT.	CART PATH BRIDGE

* REMOVAL OF EXISTING STRUCTURES SHALL BE CONSIDERED SUBSIDIARY TO "SITE CLEARING & RESTORATION". THE LISTING MAY NOT BE COMPLETE. PAYMENT FOR STRUCTURES OR OBSTRUCTIONS NOT LISTED BUT WHOSE REMOVAL IS REQUIRED BY THE CONSTRUCTION, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID ITEM "SITE CLEARING & RESTORATION".

CURB & GUTTER, COMBINED (AE)					
LOCATION		TYPE I (m)	TYPE II (m)	MONO (m)	REMARKS
21st St. North					
0+752.68 - 0+762.73	Lt.	10.05			
0+752.68 - 1+308.23	Rt.	555.55			
0+789.35 - 0+802.89	Lt.	13.54			
0+819.90 - 0+927.50	Lt.	107.60			
0+948.56 - 0+986.61	Lt.	38.06			
1+013.75 - 1+050.70	Lt.	36.95			
1+070.00 - 1+175.32	Lt.	105.32			
1+196.87 - 1+286.78	Lt.	89.91			
1+300.98 - 1+314.36	Lt.	13.38			
1+340.55 - 1+720.61	Rt.	380.06			
1+341.61 - 1+382.77	Lt.	41.16			
1+396.67 - 1+491.79	Lt.	95.12			
1+513.78 - 1+586.17	Lt.	72.39			
1+606.54 - 1+720.61	Lt.	114.07			
Private Driveway					
0+802.89 - 0+819.90	Lt.		17.01		
0+927.50 - 0+948.56	Lt.		21.06		
1+286.78 - 1+300.98	Lt.		14.20		
1+382.77 - 1+396.67	Lt.		13.90		
Roosevelt					
0+762.73 - 0+789.35	Lt.		28.20		
0+986.61 - 1+013.75	Lt.		27.74		
1+049.21 - 1+071.50	Lt.		19.00		
1+175.32 - 1+196.87	Lt.		17.30		
1+308.23 - 1+340.55	Rt.		30.01		
1+314.36 - 1+341.61	Lt.		28.63		
1+491.79 - 1+513.78	Lt.		32.21		
1+586.17 - 1+606.54	Lt.		29.37		
Fountain Rd.					
0+762.73 - 0+789.35	Lt.		28.20		
0+986.61 - 1+013.75	Lt.		27.74		
1+049.21 - 1+071.50	Lt.		19.00		
1+175.32 - 1+196.87	Lt.		17.30		
1+308.23 - 1+340.55	Rt.		30.01		
1+314.36 - 1+341.61	Lt.		28.63		
1+491.79 - 1+513.78	Lt.		32.21		
1+586.17 - 1+606.54	Lt.		29.37		
Belmont Rd.					
0+762.73 - 0+789.35	Lt.		28.20		
0+986.61 - 1+013.75	Lt.		27.74		
1+049.21 - 1+071.50	Lt.		19.00		
1+175.32 - 1+196.87	Lt.		17.30		
1+308.23 - 1+340.55	Rt.		30.01		
1+314.36 - 1+341.61	Lt.		28.63		
1+491.79 - 1+513.78	Lt.		32.21		
1+586.17 - 1+606.54	Lt.		29.37		
Crestview Lakes Dr.					
0+762.73 - 0+789.35	Lt.		28.20		
0+986.61 - 1+013.75	Lt.		27.74		
1+049.21 - 1+071.50	Lt.		19.00		
1+175.32 - 1+196.87	Lt.		17.30		
1+308.23 - 1+340.55	Rt.		30.01		
1+314.36 - 1+341.61	Lt.		28.63		
1+491.79 - 1+513.78	Lt.		32.21		
1+586.17 - 1+606.54	Lt.		29.37		
TOTAL					
		1673.16	66.17	212.46	

* MOUNTABLE CURB SHALL BE SUBSIDIARY TO "CURB AND GUTTER, COMBINED (AE)".

CONCRETE PAVEMENT				
STATION	SIDE	200 mm RCVG (m ²)	200 mm REINF. (measured) (m ²)	REMARKS
PAWNEE AVE.				
0+762.73 - 0+789.35	Lt.	135.71		Valley Gutter - Roosevelt
0+802.89 - 0+819.90	Lt.		61.63	Private Driveway
0+927.50 - 0+948.56	Lt.		84.69	Private Driveway
0+986.61 - 1+013.75	Lt.	135.00		Valley Gutter - Bluff Rd.
1+050.70 - 1+070.00	Lt.	93.84		Private Driveway
1+175.32 - 1+196.87	Lt.	78.93		Valley Gutter - Fountain Rd.
1+286.78 - 1+300.98	Lt.		32.80	Private Driveway
1+308.23 - 1+340.55	Rt.	154.05		Valley Gutter - Future WSU Drive
1+314.36 - 1+341.61	Lt.	140.33		Valley Gutter - Belmont Rd.
1+382.77 - 1+396.67	Lt.		31.99	Private Driveway
1+491.79 - 1+513.78	Lt.	129.53		Valley Gutter - Crestview Lakes Dr.
1+586.17 - 1+606.54	Lt.	110.88		Valley Gutter - Crestview Lakes Dr.
PROJECT TOTAL				
		978.27	211.11	

SIDEWALK CONSTRUCTION (AE)				
STATION TO STATION	SIDE	100 mm (m ²)	Sidewalk Width (m)	Remarks
21st St. North				
0+752.68 - 0+770.81	Lt.	28.10	1.500	Includes (1) Wheelchair Ramp
0+790.47 - 1+310.60	Rt.	956.46	1.800	Includes (2) Wheelchair Ramps
0+781.71 - 0+807.52	Lt.	39.58	1.500	Includes (1) Wheelchair Ramps
0+815.62 - 0+933.45	Lt.	188.17	1.500	Includes (1) Wheelchair Ramps
0+942.61 - 0+995.34	Lt.	80.13	1.500	Includes (1) Wheelchair Ramps
1+005.27 - 1+055.15	Lt.	76.77	1.500	Includes (1) Wheelchair Ramps
1+065.55 - 1+181.07	Lt.	178.09	1.500	Includes (1) Wheelchair Ramps
1+191.01 - 1+290.98	Lt.	149.96	1.500	Includes (1) Wheelchair Ramp
1+296.78 - 1+309.36	Lt.	18.87	1.500	
1+309.36 - 1+321.70	Lt.	27.38	1.800	Includes (2) Wheelchair Ramps
1+334.51 - 1+386.88	Lt.	94.27	1.800	Includes (1) Wheelchair Ramp
1+392.57 - 1+496.78	Lt.	187.58	1.800	Includes (1) Wheelchair Ramp
1+509.08 - 1+590.23	Lt.	146.07	1.800	Includes (2) Wheelchair Ramps
1+600.00 - 1+606.85	Rt.	11.40	1.800	Golf Cart Path
1+602.40 - 1+720.61	Lt.	212.78	1.800	Includes (1) Wheelchair Ramp
PROJECT TOTAL		2385.54	16	Wheelchair Ramps

ADJUST VALVE BOX/FIRE HYDRANT, MANHOLE AND WATER METER							
STATION	OFFSET (m)	WV (EA.)	FH (EA.)	SSMH (EA.)	SWMH (EA.)	WM (EA.)	
21ST NORTH							
0+769.9	11.3 Lt.	1					
0+769.9	3.3 Rt.	1					
0+831.6	10.2 Rt.					1	
0+833.8	4.3 Rt.	1					
0+835.3	7.9 Rt.			1			
0+944.6	3.0 Rt.	1					
0+972.3	10.7 Rt.				1		
0+979.0	8.8 Rt.	1					
0+983.4	4.3 Rt.	1					
0+996.0	5.6 Rt.	1					
1+001.9	9.1 Rt.	1				1	
1+034.8	8.0 Lt.						
1+109.1	4.3 Rt.	1					
1+193.6	9.8 Lt.	1					
1+203.7	8.8 Lt.	1					
1+211.4	9.6 Lt.	1					
1+252.0	5.6 Rt.	1				1	
1+381.2	11.1 Lt.					1	
1+439.6	9.1 Lt.						
1+481.5	6.5 Rt.	1					
1+519.1	8.8 Lt.	1					
1+549.2	8.7 Lt.	1					
1+575.8	7.1 Lt.	1					
1+577.3	8.8 Lt.	1					
1+578.5	7.1 Lt.	1					
TOTAL		19 *	0 *	1	0	4 *	

* RELOCATE/ADJUST FIRE HYDRANT/VALVE/METER BID AS WATER LINE ADJUSTMENT (L.S.)

SIDEWALK REMOVAL			
STATION TO STATION	SIDE	100 mm (m ²)	Sidewalk Width (m)
21st St. North			
0+752.68 - 0+771.45	Lt.	23.19	1.219
0+790.47 - 0+987.73	Rt.	258.84	1.219
0+780.86 - 0+995.44	Lt.	286.39	1.219
1+003.40 - 1+287.56	Rt.	339.45	1.219
1+004.93 - 1+181.28	Lt.	232.00	1.219
1-190.78 - 1+323.16	Lt.	163.87	1.219
1+332.70 - 1+497.21	Lt.	210.58	1.219
1+505.88 - 1+592.48	Lt.	106.79	1.219
1+601.32 - 1+720.75	Lt.	172.72	1.219
TOTAL		1828.54	

WATER LINE				
WATER ITEMS (NON-PARTICIPATING)			* QUANTITY	UNIT
WL PIPE 200mm			53	m
DICL SJ PIPE 300mm			13	m
VALVE & VALVE BOX			2	Eq.
RELOCATE FIRE HYDRANT & VALVE				