PROJECT CONTROL AND COORDINATE DATA

POINT NO.	BASELINE STATION	OFFSET	SIDE	DESCRIPTION	NORTHING	EASTING
101	10+00.00	0.00	N/A	P.I. / Beginning of M2 Alignment, Sycamore Street	1684900.21	1645997.07
102	12+32.04	0.00	N/A	P.I., M2 Alignment, Sycamore Street	1685132.25	1645995.61
103	20+16.01	0.00	N/A	P.C., M2 Alignment, Sycamore Street	1685916.03	1645978.75
104	21+27.73	0.00	N/A	P.T., M2 Alignment, Sycamore Street	1686013.07	1646025.38
105	21+95.09	0.00	N/A	P.I. / End of M2 Alignment, Sycamore Street	1686054.03	1646078.87
201	10+06.22	36.63	Lt.	Existing R/W Corner	1684906.20	1645960.40
202	10+33.02	42.98	Rt.	Existing R/W Corner	1684933.50	1646039.84
203	11+01.37	38.07	Lt.	Existing R/W Corner	1685001.34	1645958.36
204	11+16.24	38.25	Lt.	Existing R/W Corner	1685016.21	1645958.09
205	11+83.24	40.70	Rt.	Existing R/W Corner	1685083.71	1646036.61
206	12+06.97	40.34	Rt.	Existing R/W Corner	1685107.44	1646036.10
207	20+73.63	29.73	Rt.	Existing R/W Corner	1685958.44	1646017.85
208	20+71.42	58.94	Lt.	Existing R/W Corner	1685995.05	1645937.04
209	21+06.44	36.33	Rt.	Existing R/W Corner	1685974.24	1646036.59
210	21+16.82	43.06	Lt.	Existing R/W Corner	1686037.70	1645987.84
301	12+24.61	17.00	Lt.	2.5' Radius (B.O.C.)	1685124.71	1645978.65
302	12+72.78	19.00	Rt.	4.5' Radius (B.O.C.)	1685173.39	1646013.73
303	12+87.50	27.33	Rt.	4.0' Radius (B.O.C.)	1685188.28	1646021.74
304	13+16.77	27.33	Lt.	4.0' Radius (B.O.C.)	1685216.37	1645966.46
305	13+27.18	17.00	Rt.	2.5' Radius (B.O.C.)	1685227.73	1646010.56
306	13+31.39	19.00	Lt.	4.5' Radius (B.O.C.)	1685231.17	1645974.47
307	13+79.68	19.50	Rt.	5.0' Radius (B.O.C.)	1685280.27	1646011.93
308	13+79.68	19.50	Lt.	5.0' Radius (B.O.C.)	1685279.43	1645972.94
309	14+38.68	19.50	Lt.	5.0' Radius (B.O.C.)	1685338.42	1645971.67
310	14+51.05	17.00	Lt.	2.5' Radius (B.O.C.)	1685350.84	1645973.90
311	14+60.68	19.50	Rt.	5.0' Radius (B.O.C.)	1685361.25	1646010.19
312	14+69.42	19.00	Rt.	4.5' Radius (B.O.C.)	1685369.98	1646009.50
313	14+84.13	27.33	Rt.	4.0' Radius (B.O.C.)	1685384.87	1646017.51
314	15+86.32	17.00	Rt.	2.5' Radius (B.O.C.)	1685486.81	1646004.99
315	15+95.88	34.50	Rt.	20.0' Radius (B.O.C.)	1685496.74	1646022.28
316	16+60.81	27.33	Lt.	4.0' Radius (B.O.C.)	1685560.33	1645959.06
317	16+63.65	34.50	Rt.	20.0' Radius (B.O.C.)	1685564.49	1646020.82
318	16+72.92	19.00	Rt.	4.5' Radius (B.O.C.)	1685573.44	1646005.12
319	16+75.44	19.00	Lt.	4.5' Radius (B.O.C.)	1685575.13	1645967.08
320	16+87.54	27.33	Rt.	4.0' Radius (B.O.C.)	1685588.23	1646013.14
321	17+19.18	44.50	Lt.	30.0' Radius (B.O.C.)	1685618.32	1645940.64
322	18+04.15	44.50	Lt.	30.0' Radius (B.O.C.)	1685703.26	1645938.82
323	18+36.84	34.50	Lt.	20.0' Radius (B.O.C.)	1685736.17	1645948.11
324	18+97.80	29.50	Lt.	15.0' Radius (B.O.C.)	1685797.22	1645951.80
325	18+99.73	19.00	Lt.	4.5' Radius (B.O.C.)	1685799.37	1645962.26
326	19+12.64	20.50	Lt.	4.0' Radius (B.O.C.)	1685812.25	1645960.48
327	19+86.33	20.50	Lt.	4.0' Radius (B.O.C.)	1685885.92	1645958.90
328	19+99.35	19.00	Lt.	4.5' Radius (B.O.C.)	1685898.97	1645960.11
329	20+01.31	34.50	Lt.	20.0' Radius (B.O.C.)	1685900.60	1645944.58
330	20+08.68	17.00	Rt.	2.5' Radius (B.O.C.)	1685909.07	1645995.91
331	20+63.28	34.50	Lt.	20.0' Radius (B.O.C.)	1685974.92	1645954.94
332	20+99.19	44.50	Rt.	30.0' Radius (B.O.C.)	1685965.29	1646039.68
333	21+14.12	29.78	Lt.	28.8' Radius (Sidewalk)	1686025.63	1645994.39
334	21+14.69	44.50	Lt.	30.0' Radius (B.O.C.)	1686036.76	1645984.73
335	21+18.74	67.15	Lt.	9.1' Radius (Sidewalk)	1686057.42	1645973.72
401	11+75.59	23.81	Rt.	Reinforced Concrete Manhole (L=5.0')(W=5.0'), MH2	1685075.95	1646019.77
402	11+72.00	14.11	Rt.	Type 1 Curb Inlet (L=10.0')(W=3.0'), A10	1685072.29	1646010.09
403	12+82.00	12.00	Rt.	Grated Driveway Inlet, A9	1685182.45	1646006.53
404	13+89.50	12.00	Rt.	Grated Driveway Inlet, A8	1685289.93	1646004.22
405	14+51.00	12.00	Rt.	Grated Driveway Inlet, A7	1685351.41	1646002.90
406	15+14.00	12.00	Rt.	Grated Driveway Inlet, A6	1685414.40	1646001.54
407	15+79.00	12.00	Rt.	Grated Driveway Inlet, A5	1685479.38	1646000.14
408	16+47.29	18.00	Rt.	Reinforced Concrete Manhole (L=3.0')(W=3.0'), MH1	1685547.79	1646004.67
409	16+90.00	12.00	Rt.	Grated Driveway Inlet, A4	1685590.36	1645997.76
410	17+94.00	12.00	Rt.	Grated Driveway Inlet, A3	1685694.33	1645995.52
411	18+98.00	12.00	Rt.	Grated Driveway Inlet, A2	1685798.31	1645993.29
412	20+01.50	12.00	Rt.	Grated Driveway Inlet, A1	1685901.79	1645991.06
413	21+40.29	51.34	Lt.	Type 1 Curb Inlet (L=5.0')(W=3.0')	1686061.48	1646004.14
414	14+56.00	28.83	Lt.	Type 2 Double Inlet, C3	1685355.53	1645961.97
415	15+44.00	28.83	Lt.	Type 2 Double Inlet, C2	1685443.51	1645960.08
416	16+19.00	28.83	Lt.	Type 2 Double Inlet, C1	1685518.50	1645958.46
417	16+90.00	14.04	Lt.	Type 1 Curb Inlet (L=5.0')(W=3.0'), B3	1685589.80	1645971.73
418	18+24.00	14.04	Lt.	Type 1 Curb Inlet (L=5.0')(W=3.0'), B2	1685723.76	1645968.85
419	19+20.70	24.04	Lt.	Type 1 Curb Inlet (L=10.0')(W=3.0'), B1	1685820.23	1645956.77
420	11+86.75	14.04	Lt.	Type 1 Curb Inlet (L=5.0')(W=3.0'), EX1	1685086.87	1645981.86
421	12+33.00	28.83	Lt.	Type 2 Double Inlet, E2	1685132.59	1645966.76
422	12+82.00	28.83	Lt.	Type 2 Double Inlet, E1	1685181.57	1645965.71
423	13+90.34	20.00	Lt.	Type 2 Double Inlet, D1	1685290.08	1645972.21
424	16+70.84	50.14	Rt.	Existing Curb Inlet to Remain	1685572.02	1646036.30
501	12+08.12	28.61	Lt.	Connect to Existing 8" Water Line	1685108.15	1645967.15
502	12+10.65	26.14	Lt.	8" - 45 Degree Horizontal Bend (Restrained)	1685110.69	1645969.60
503	12+20.27	26.25	Lt.	8" - 3.56 Degree Vertical P.I.	1685120.32	1645969.43
504	12+21.66	26.26	Lt.	Fire Hydrant Installation	1685121.70	1645969.41
505	12+87.72	26.17	Lt.	8" - 45 Degree Horizontal Bend (Restrained)	1685187.35	1645968.24
506	12+90.16	28.67	Lt.	8" - 45 Degree Horizontal Bend (Restrained), Connect to Existing 8" Water Line	1685189.74	1645965.70

SYCAMORE STREET - CHAIN M2 DESCRIPTION

Point 201 N 1,684,900.21 E 1,645,997.07 Sta. 10+00.00

Course from 201 to 202 - N0°21'42.11"W, Dist. 232.04

Point 202 N 1,685,132.25 E 1,645,995.61 Sta. 12+32.04

Course from 202 to 203 - N1°13'54.64"W, Dist. 783.97

Point 203 N 1,685,916.03 E 1,645,978.75 Sta. 20+16.01

Curve Data

Curve CURVE2-1
P.I. Station 20+76.37, N 1,685,976.38, E 1,645,977.45
Delta = 53°47'27.73" (RT)
Degree = 48°08'51.77"
Tangent = 60.36
Length = 111.72
Radius = 119.00
External = 14.43
Long Chord = 107.66
Mid. Ord. = 12.87
P.C. Station 20+16.01 N 1,685,916.03 E 1,645,978.75
P.T. Station 21+27.73 N 1,686,013.07 E 1,646,025.38
C.C. N 1,685,918.59 E 1,646,097.72
Back = N1°13'54.64"W
Ahead = N52°33'33.09"E
Chord Bear = N25°39'49.23"E

Point 204 N 1,686,013.07 E 1,646,025.38 Sta. 21+27.73

Course from 204 to 205 - N52°33'33.09"E, Dist. 67.36

Point 205 N 1,686,054.03 E 1,646,078.86 Sta. 21+95.09

SYCAMORE STREET PROFILE:

		STATION	ELEV	GRADE	TOTAL L	BACK L	AHEAD L
VPI	1	11+33.72	1,298.11	(Match Existing Elevation)			
VPC		11+34.00	1,298.11	-0.66	K = 58.7		
VPI	2	11+71.50	1,297.86		75.00	37.50	37.50
Low Point		11+72.46	1,297.98				
VPT		12+09.00	1,298.09	0.62			
VPC		12+10.00	1,298.10	0.62	K = 51.2	SSD = 1128.9	
VPI	3	12+35.00	1,298.26		50.00	25.00	25.00
High Point		12+41.84	1,298.20				
VPT		12+60.00	1,298.17	-0.35			
VPC		12+60.00	1,298.17	-0.35	K = 61.8		
Low Point		12+81.92	1,298.13				
VPI	4	12+85.00	1,298.08		50.00	25.00	25.00
VPT		13+10.00	1,298.19	0.45			
VPI	5	13+27.18	1,298.27	0.45			
VPI	6	13+34.68	1,298.80	7.12			
VPI	7	13+79.68	1,299.01	0.46			
VPI	8	13+87.18	1,298.54	-6.21			
VPC		14+49.00	1,298.85	0.50	K = 71.3	SSD = 1563.8	
VPI	9	14+74.00	1,298.98		50.00	25.00	25.00
High Point		14+84.74	1,298.94				
VPT		14+99.00	1,298.93	-0.20			
VPC		15+00.00	1,298.93	-0.20	K = 68.7		
Low Point		15+13.75	1,298.91				
VPI	10	15+45.00	1,298.84		90.00	45.00	45.00
VPT		15+90.00	1,299.34	1.11			
VPC		17+30.00	1,300.89	1.11	K = 195.5	SSD = 1481.3	
VPI	11	18+05.00	1,301.72		150.00	75.00	75.00
VPT		18+80.00	1,301.98	0.34			
VPI	12	19+45.00	1,302.20	0.34			
VPC		20+55.00	1,302.58	0.34	K = 18.3	SSD = 359.4	
High Point		20+61.27	1,302.59				
VPI	13	20+85.00	1,302.68		60.00	30.00	30.00
VPT		21+15.00	1,301.80	-2.93			
VPI	14	21+15.49	1,301.78	-2.93			
VPI	15	21+25.49	1,301.59	-1.98			
VPI	16	21+38.52	1,301.27	-2.43			
VPI	17	21+42.52	1,301.31	0.91			

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SUITE 222
WICHITA, KANSAS 67202
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CONSULTANTS:
LK ARCHITECTURE, INC.
345 RIVERVIEW
SUITE 200
WICHITA, KANSAS 67208
PHONE: 316-268-0230

SYCAMORE STREET IMPROVEMENTS
WICHITA, KANSAS
CITY OF WICHITA

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 472-85463
SCALE: N.T.S.
DATE: 6/1/2020
DESIGNED BY: TAU
DRAWN BY: TAU
CHECKED BY: MDB

SHEET TITLE:
COORDINATE CONTROL & GEOMETRIC DATA

SHEET NO.
3
SHEET 3 OF 97

taummel
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IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING