#### ORDINANCE NO 140431

Declaring it necessary to change and re-establish the grades and relocate portions of Lee's Summit Road, as well as to open, establish and dedicate Street Right of Way for Lee's Summit Road, in the area along and to the West of the shared municipal boundary of Lee's Summit and Kansas City from Gregory Boulevard to the said city limit, in Kansas City, Jackson County, Missouri; and directing the City Clerk to cause a notice to be published as provided for herein.

WHEREAS, the Council finds that for the public good it is necessary that the grades on Lee's Summit Road from Gregory Boulevard to the shared municipal boundary of Lee's Summit and Kansas City, all in Kansas City, Jackson County, Missouri, be changed and re-established; and

WHEREAS, the Council further finds that for the public good it is necessary to relocate, open, establish and dedicate Street Right of Way on Lee's Summit Road, all in Kansas City, Jackson County, Missouri; and

WHEREAS, the Council finds that the City of Kansas City, Missouri, with the adoption of Ordinance No. 080248 on March 20th, 2008, approved a recommendation of the Arterial Street Impact Fee Committee for District F, and authorized the appropriation of funds from the Un-appropriated Fund Balance of the Arterial Street Impact Fee Fund to the 08-2430-897533-B Lee's Summit Road-Gregory to City Limits account in the Arterial Street Impact Fee Fund; and

WHEREAS, the Council further finds that the City of Kansas City, Missouri, with the adoption of Ordinance No. 100082 on February 4th, 2010, authorized the Director of Public Works to execute a cooperative agreement with the City of Lee's Summit, Missouri for the design of street improvements to Lee's Summit Road from Gregory South to the city limits of Lee's Summit, and

WHEREAS, the Council further finds the Director of Public Works, as evidenced by his issuing a Declaration of Necessity, No. 5521, adopted and entered on May 22st, 2014, has caused the plans and specifications for Project No. 89008176 – Lee's Summit Road Improvements – Colbern Road to Gregory Blvd. to be prepared; NOW, THEREFORE,

### BE IT ORDAINED BY THE COUNCIL OF KANSAS CITY:

Section 1. That finding it necessary to change and re-establish grades on and relocate portions of Lee's Summit Road, in the area along and to the West of the shared municipal boundary of Lee's Summit and Kansas City from Gregory Boulevard to the said city limit, all being in Kansas City, Jackson County, Missouri, the Council hereby directs that the City Clerk cause a notice of said grade changes to be published in the newspaper doing the city printing, on each day of issue of said newspaper for a period of ten (10) days, starting on or about the date following the passage of this ordinance, and providing a period of thirty (30) days for remonstrance starting the same day as the first day of the publication.

Section 2. That said grade changes shall be of the nature described and specified in, and shall be done in accordance with the plans and specifications prepared and certified by the City Engineer under the supervision of the Director of Public Works and identified as KCMO Project No. 89008176 – Lee's Summit Road Improvements – Colbern Road to Gregory Blvd., the same being on file in the Office of the Director of Public Works and being incorporated herein by reference.

Section 3. That the width and location of the Right of Way of Lee's Summit Road, from Gregory Boulevard to the shared municipal boundary of Lee's Summit and Kansas City, all being in Kansas City, Jackson County, Missouri, as shown on the plans described in Section 2 of this ordinance, are hereby relocated, opened, established and dedicated as shown on said plans.

Section 4. That the establishing of the grade, width and location of the Right of Way is hereby authorized to commence when this ordinance becomes effective, and shall be built in accordance with the plans and specifications as described in Section 2 of this ordinance; locating and defining the grade points of said streets on the proposed project centerline stationing, as found on said plans, said centerline being described by distance and bearings, control points, and stationing; said grade points being connected by straight grades (tangents) or vertical curves between such grade points, the elevations of which are herein given below in feet (NAVD88 directrix), along with other pertinent alignment data, to-wit:

# Centerline, Lee's Summit Road:

All grade points are on the new centerline of Lee's Summit Road, as herein described, and as found in said plans in the office of the Director of Public Works, and are as shown.

Point of Commencement of Centerline at Station 64+86.74, Project Coordinates (PC) N 1016206.04, E 2821716.83, State Plane Coordinates (SPC) N 1016102.49, E 2821429.30; thence N 16 degrees 57 minutes 27 seconds W, a distance of 682.29 feet to a point of curvature at Station 71+69.03, PC N 1016858.67, E 2821517.83, SPC N 1016755.05, E 282130.32; thence along a curve to the left, having a central angle of 4 degrees 20 minutes 50.4 seconds, a radius of 5,000.0 feet, and an arc length of 379.38 feet to a point along said curve at Station 75+17.64, PC N 1017188.31, E 2821404.62, SPC N 1017084.66, E 2821117.12, said station and coordinates being the Point of Beginning of Centerline for the Kansas City portion said project; thence continuing along said curve to the left to the point of tangency at Station 75+48.41, PC N 1017217.01, E 2821393.53, SPC N 1017113.36, E 2821106.03; thence N 21 degrees 18 minutes 18 seconds W, a distance of 1,018.43 feet to a point of curvature at Station 85+66.84, PC N 1018165.84, E 2821023.5, SPC N 1018062.09, E 2820736.04; thence along a curve to the right, having a central angle of 15 degrees 48 minutes 53.5 seconds, a radius of 2,835 feet, and an arc length of 782.52 feet to the point of tangency at Station 93+49.36, PC N

1018924.65, E 2820842.76, SPC N 1018820.82 E 2820555.32; thence N 5 degrees 29 minutes 24 seconds W, a distance of 1,914.34 feet to a point of curvature at Station 112+63.70, PC N 1020830.21, E 2820659.61, SPC N 1020726.19 E 2820372.18; thence along a curve to the left, having a central angle of 27 degrees 02 minutes 03.9 seconds, a radius of 1.200.00 feet, and an arc length of 566.21 feet to the point of tangency at Station 118+29.91, PC N 1021360.6, E 2820476.91, SPC N 1021256.52 E 2820189.50; thence N 32 degrees 31 minutes 28 seconds W, a distance of 100.00 feet to a point of curvature at Station 119+29.91, PC N 1021444.91, E 2820423.15, SPC N 1021340.82 E 2820135.75; thence along a curve to the right, having a central angle of 40 degrees 55 minutes 34 seconds, a radius of 1,650.00 feet, and an arc length of 1,178.59 feet to the point of tangency at Station 131+08.50 and return to existing horizontal alignment, PC N 1022573.14, E 2820182.07, SPC N 1022468.94 E 2819894.69; thence N 8 degrees 24 minutes 6 seconds E, a distance of 191.70 feet to the point where centerline returns to existing vertical alignment at Station 133+00.20, PC N 1022762.78, E 2820210.08, SPC N 1022658.56 E 2819922.70; thence continuing N 8 degrees 24 minutes 6 seconds E, a distance of 242.59 feet to a point of curvature at Station 135+42.79, PC N 1023002.77, E 2820245.53, SPC N 1022898.53, E 2819958.15; thence along a curve to the left, having a central angle of 1 degrees 39 minutes 14.8 seconds, a radius of 10,002.00 feet, and an arc length of 288.76 feet with a point of tangency at Station 138+31.55, PC N 1023289.00, E 2820283.59, SPC N 1023184.73, E 2819996.20, to a point along said curve being Station 136+56.22, PC N 1023115.07, E 2820261.46, SPC N 1023010.81 E 2819974.08, and the end of project for Lee's Summit Road.

# Street grades Lee's Summit Road:

Begin construction at Sta. 75+17.64, match grade as shown on plans.

Station	Slope	Elevation
75+17.64	+6.00 percent	927.97
75+85.00, VPC	+6.00 percent	
78+85.00, VPI		950.01
81+85.00, VPT	-2.98 percent	

Length of vertical curve is 600 feet.

84+40.00, VPC	-2.98 percent	
86+95.00, VPI		925.87
89+50.00, VPRC	+3.39 percent	
91+40.00, VPI		940.95
93+30.00, VPT	-2.76 percent	

Length of vertical curve from PVC to PVRC is 510 feet.

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Length of vertical curve from PVRC to PVT is 380 feet.

Station	Slope	Elevation
94+40.00, VPC	-2.76 percent	000 00
97+90.00, VPI	16.00 percent	922.99
101+40.00, VP1	+0.00 percent	
Length of vertical curve is 70	00 feet.	
107+05.00, VPC	+6.00 percent	
109+35.00, VPI	1 4 1	991.69
111+65.00, VP1	-1.41 percent	
Length of vertical curve is 46	50 feet.	
116+10.00, VPC	-1.41 percent	
117+60.00, VPI		980.09
119+10.00, VPT	-3.89 percent	
Length of vertical curve is 30	00 feet.	
124+25.00, VPC	-3.89 percent	
125+75.00, VPI	-	948.36
127+25.00, VPT	-1+48 percent	
Length of vertical curve is 30	00 feet.	
129+90.00, VPC	-1+48 percent	
131+05.00, VPI	-	940.52
132+20.00, VPT	-4.64 percent	
Length of vertical curve is 23	0 feet.	
133+00.00		Match Existing
136+56.22		End of Project

# **Right of Way for Lee's Summit Road:**

(Width of the Right of Way based off of the new centerline of Lee's Summit Road.)

Feet Left	Centerline Station	Feet Right
	75+95.50	48.86 RT
	86+70.00	42.00 RT
	99+00.00	42.00 RT
	108 + 28.00	42.00 RT

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	108+85.09	71.00 RT
	109+14.00	42.00 RT
	110+35.59	42.00 RT
	111+45.59	53.00 RT
	112+45.64	53.00 RT
	113+55.55	64.00 RT
51.50 LT	114+61.92	
Feet Left	Centerline Station	Feet Right
51.50 LT	115+53.68	
51.50 LT	116+58.21	
51.50 LT	125 + 25 + 09	
	126+00.00	56.50 RT
	126+25.00	56.50 RT
62.50 LT	127+35.32	
62.50 LT	129+05.00	
	129+35.00	56.50 RT
	129+55.00	56.50 RT
62.50 LT	129+56.00	
57.44 LT	130+03.77	
	135+44.43	56.50 RT

#### **Centerline of 83rd Street:**

All grade points are on the new centerline of 83rd Street, as herein described, and as found in said plans in the office of the Director of Public Works, and are as shown.

Point of Beginning of Centerline of 83rd Street is the new centerline of Lee's Summit Road Station 108+53.21, centerline of 83<sup>rd</sup> Street, Station 10+00.00, SPC N 1020421.60 E 2820698.89; thence N 84 degrees 30 minutes 36 seconds E, a distance of 97.55 feet to a point of curvature at Station 10+97.55, SPC N 1020430.93, E 2820795.99; thence along a curve to the right, having a central angle of 7 degrees 36 minutes 44.9 seconds, a radius of 350.00 feet, and an arc length of 46.50 feet to the point of tangency at Station 11+44.06, SPC N 1020432.30 E 2820842.44; thence S 87 degrees 52 minutes 39 seconds E, a distance of 172.19 feet to a point and the end of project for 83rd Street.

# Street grades 83rd Street:

Begin grade at the new centerline of Lee's Summit Road, Station 108+53.21, centerline of 83rd Street, Station 10+00.00, SPC N 1020421.60 E 2820698.89, match grade as shown on plans.

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Station	Slope	Elevation
10+00.00	-2.00 percent	985.01
10+23.00, VPI		984.55
10+25.00, VPC	+0.00 percent	
10+80.00, VPI		984.55
11+35.00, VPT	+6.00 percent	

Length of vertical curve is 110 feet.

Station	Slope	Elevation
11+65.00, VPC 12+40.00 VPI	+6.00 percent	994 15
13+15.00, VPT	-2.27 percent	<i>,,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Length of vertical curve is 150 feet.

13+16.25	992.43
Match Existing	End of Project for 83rd Street.

# **Right of Way for 83rd Street:**

(Width of the Right of Way based off of the new centerline of 83rd Street.)

Feet Left	Centerline Station	Feet Right
	10+42.00	25.21 RT
31.88 LT	10+71.00	
	12+00.00	15.00 RT
	13+05.00	15.00 RT

### **Centerline of 85th Street:**

All grade points are on the new centerline of 85th Street, as herein described, and as found in said plans in the office of the Director of Public Works, and are as shown.

Point of Beginning of Centerline of 85th Street is the new centerline of Lee's Summit Road, Station 95+22.22, centerline of 85<sup>th</sup> Street, Station 10+00.00, SPC N 1019096.72 E 2820826.23; thence N 84 degrees 30 minutes 36 seconds E, a distance of 82.35 feet to a point of curvature at Station 9+17.65, SPC N 1019088.84, E 2820744.25; thence along a curve to the left, having a central angle of 7 degrees 38 minutes 56.4 seconds, a radius of 350.00 feet, and an arc length of 46.73 feet to the point of tangency at Station 8+70.92, SPC N 1019087.49 E 2820697.58; thence S 87 degrees 50 minutes 28 seconds E, a distance of 5.98 feet to a point and the end of project for 85th Street.

### **Street grades 85th Street:**

Begin grade at the new centerline of Lee's Summit Road, Station 95+22.22, centerline of 85th Street, Station 10+00.00, SPC N 1019096.72 E 2820826.23, match grade as shown on plans.

Station	Slope	Elevation	
10+00.00	+2.00 percent	930.81	
9+77.00, VPI		931.27	
9+57.00, VPI	-2.00 percent	930.87	
Station	Slope	Elevation	
9+37.00, VPI	-6.00 percent	929.67	
8+64.94, VPI	-10.53 percent	922.09	
Match Existing	End of Project for	End of Project for 85th Street.	

# **Right of Way for 85th Street:**

(Width of the Right of Way based off of the new centerline of 85th Street.)

Feet Left	Centerline Station	Feet Right
13.00 LT 23.00 LT 19.75 LT	8+30.00 8+30.00 9+20.00	
23.00 L I 19.75 LT	8+30.00 9+20.00	

Section 5. That upon the effective date of this ordinance, the City Clerk is hereby directed to cause this ordinance to be recorded in the Office of the Recorder of Deeds for Kansas City, Jackson County, Missouri.

Approved as to form and legality:

Theodore T. Anderson Assistant City Attorney