

ORDINANCE NO. [R-2013-00127]

Declaring it necessary to re-establish the street grades for a segment of Front Street; establishing the right-of-way for Front Street and Riverfront Drive; and directing the City Clerk to publish notice and to record this ordinance.

WHEREAS, the Council finds that for the public good it is necessary that the grades on Front Street, in Kansas City, Jackson County, Missouri, be established; and

WHEREAS, a portion of said property owned by the city is being established for street purposes as part of said redesigned Front Street, and Riverfront Drive; and

WHEREAS, the city hereby dedicates said Front Street, and Riverfront Drive for street purposes; and

WHEREAS, the Council further finds the Director of Public Works, has caused the plans and specifications for Project Number 898204ST [Federal Project No. ARRA-ES04 (038)], Front Street Roadway improvements to be prepared; NOW, THEREFORE,

BE IT ORDAINED BY THE COUNCIL OF KANSAS CITY:

Section 1. That finding it necessary to re-establish grades on redesigned Front Street, located between the Missouri Highway No. 9 and I-35/29, and cross street of Riverfront Drive, all 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. The street right of way shall be used by Kansas City as the location of street improvements constructed, and maintained therein including any necessary appurtenances to it.

Section 3. That grades 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

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Engineer under the supervision of the Director of Public Works and identified as KCMO Project Number 898204ST [Federal Project No. ARRA-ES04 (038)] Front Street Roadway Improvements Project, the same being on file in the Office of the Director of Public Works and being incorporated herein by reference.

Section 4. That the establishing of grades 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 intersection, control point, 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:

All grade points are on the new centerline of Front Street, as herein described, and as found in said plans in the office of the Director of Public Works, and are shown to wit:

Baseline/centerline of Front Street is described as follows:

Bearings are referenced to grid north of the Missouri state plane coordinate system, 1983, west zone. Stations below are as referenced in said street plan for 898204ST [Federal Project No. ARRA-ES04 (038)].

Beginning at a point of curvature at Sta. 1369+00.77, with a horizontal control point of N1073783.477, E2766903.419; thence along said curve to the right, with a central angle of 5 degrees 12 minutes 42.14 seconds, a radius of 1596 feet, and an arc length of 145.17 feet to a point of curvature beginning at Sta. 1370+45.94, with a horizontal control point of N1073821.057, E2767043.593; thence along said curve to the to the right, having a central angle of 42 degrees 01 minutes 42.02 seconds, radius of 800 feet, and an arc length of 586.82 feet, to the point of tangency at Sta. 1376+32.77, having a horizontal control point of N107375.139, E2767610.878; thence S 60 degrees 22 minutes 25.32 seconds E, a distance of 139.20 feet to a point of curvature at Sta. 1377+71.97, with a horizontal control point of N1073666.327, E2767731.879; thence along said curve to the left, having a central angle of 54 degrees 29 minutes 39.36 seconds, a radius of 510.0 feet, and an arc length 484.57 feet to its point of tangency at Sta. 1382+56.44, having a horizontal control point of N1073646.693, E2768197.924; thence N 65 degrees 11 minutes 55.32 seconds E, a distance of 910.17 feet to a point of curvature, said point being at Sta. 1391+66.61 with a horizontal control point of N1074028.487, E2769024.153; thence along said curve to the left, having a central angle of 26 degrees 38 minutes 38.12 seconds, radius of 762 feet, and an arc length of 354.35 feet to the point of tangency at Sta. 1395+20.96, having a horizontal control point of N1074245.280,

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E2769300.409; thence N 38 degrees 33 minutes 17.19 seconds E, a distance of 658.12 feet to Sta. 1401+79.08; said station being at a horizontal control point of N1074759.935, E2769710.588, and end of baseline/centerline.

Baseline/centerline of Riverfront Drive is described as follows:

Bearings are referenced to grid north of the Missouri state plane coordinate system, 1983, west zone. Stations below are as referenced in said street plan for 898204ST [Federal Project No. ARRA-ES04 (038)].

Beginning at Sta. 5+24.23, with a horizontal control point of N1074093.22, E2767868.023; thence S 68 degrees 20 minutes 40.03 seconds W, a distance of 6.41 feet to a point of curvature at Sta. 5+30.64, with a horizontal control point of N 1074090.858, E2767862.066; thence along said curve to the left, with a central angle of 2 degrees 16 minutes 46.47 seconds, a radius of 2000 feet, and an arc length of 79.57 feet to the point of tangency at Sta. 6+10.21, with a horizontal control point of N1074062.973, E2767787.546; thence S 70 degrees 37 minutes 28.30 seconds W, a distance of 13.92 feet to a point of curvature at Sta. 6+24.13, with a horizontal control point of N1074058.353, E2767774.410; thence along said curve to the with a central angle of 44 degrees 42 minutes 44.86 seconds, a radius of 200 feet, and an arc length of 156.07 feet to the point of tangency at Sta. 7+80.20, with a horizontal control point of N1073957.082, E2767660.870; thence S 25 degrees 54 minutes 46.65 seconds W, a distance of 219.80 feet to Sta. 10+00 (also being Sta. 1375+80.71-C/1 Front Street) with a horizontal control point of N1073759.385, E2767564.818.

Street grades are established along baseline/centerlines as follows:

Front Street

STATION ELEVATION

Match existing grade at Station 1369+39.86, Elev. 764.62

1369+39.86	764.62
1370+00	763.90
1371+00	762.71
1372+00	761.52
1373+00, PC	760.33
1374+25.00, PI	758.84
1375+50.00, PT	759.79

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Except that the grade planes meeting at Sta. 1374+25.00 shall be connected by a vertical curve of 250 feet in length.

<u>STATION</u>	<u>ELEVATION</u>
1375+80.71	760.02
10+00 (C/L Riverfront Drive)	
1377+00	760.93
1378+00	761.69
1379+00	762.45
1380+00	763.20
1381+00	763.96
1382+00	764.72
1383+00	765.48
1384.25, PC	766.43
1385+50, PI	767.38
1386+75, PT	766.13

Except that the grade planes meeting at Sta. 1385+50 shall be connected by a vertical curve of 250 feet in length.

1388+00	764.88
1389+00	763.88
1390+00	762.88
1391+00	761.88
1392+00	760.88
1393+75, PC	759.13
1394+50, PI	758.38
1395+25, PT	757.38

Except that the grade planes meeting at Sta. 1394+50 shall be connected by a vertical curve of 150 feet in length.

1397+00	755.05
1397+50, PC	754.39
1399+00, PI	752.39
1400+50, PT	753.16

Except that the grade planes meeting at Sta. 1399+00 shall be connected by a vertical curve of 300 feet in length.

1401+00	753.01
1401+79.08	753.82

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Riverfront Drive

STATION ELEVATION

Match existing grade at Station 6+24.12, Elev. 761.00

6+24.12, PI	761.00
7+00	759.84
7+75, PC	758.70
8+25, PI	757.94
8+75, PT	758.44

Except that the grade planes meeting at Sta. 8+25 shall be connected by a vertical curve of 100 feet in length.

9+67.00, PI	759.36
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Section 5. That the City hereby establishes right of way for Front Street as follows:

Bearings are referenced to grid north of the Missouri state plane coordinate system, 1983, west zone.

A tract of land being generally located in the east 1\2 of Section 32 and the west 1\2 of Section 33, Township 50 North, Range 33 West, in the city of Kansas City, Jackson County, Missouri being described as follows:

Commencing at the southeast corner of the Northeast Quarter of said Section 32; thence north along the east line of said Section 32 with a bearing of N02 degrees 17 minutes 26 seconds E, a distance of 626.40 feet to a point on the northerly line of the Burlington Northern railroad property, said point being the point of beginning; thence southwesterly along said northerly line with a bearing of S 66 degrees 00 minutes 08 seconds W, a distance of 35.30 feet; thence southwest along said northerly line, along a curve to the left tangent to the last described course having a radius of 2914.91 feet, an arc length of 179.39 feet; thence continuing southwesterly along said northerly line with a bearing of S 62 degrees 28 minutes 34 seconds W, a distance of 716.01 feet; thence continuing southwesterly along said northerly line along a curve to the right, tangent to the last described course having a radius of 409.28 feet, and an arc length of 81.20 feet; thence leaving said northerly line with a bearing of N 60 degrees 22 minutes 25 seconds W, a distance of 528.26 feet; thence west with a bearing of N 89 degrees 01 minutes 15 seconds W, a distance of 28.42 feet; thence southwest with a bearing of S25 degrees 53 minutes 52 seconds W, a distance of 15.49 feet; thence northwest with a bearing of

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N 64 degrees 06 minutes 08 seconds W, a distance of 60.00 feet; thence northeast with a bearing of N 25 degrees 53 minutes 52 seconds E, a distance of 15.99 feet; thence northwest with a bearing of N 27 degrees 15 minutes 41 seconds W, a distance of 32.43 feet; thence north and west along a non-tangent curve to the left having an initial tangent bearing of N 68 degrees 22 minutes 51 seconds W, a radius of 750.00 feet, and an arc length of 432.91 feet; thence continuing southwest along a compound curve to the left, having a radius of 1538.00 feet, and an arc length of 115.21 feet; thence northwest with a bearing of N 16 degrees 12 minutes 36 seconds W, a distance of 100.00 feet; thence northeast along a non-tangent curve to the right having an initial tangent bearing of N 74 degrees 13 minutes 36 seconds E, a radius of 1638.00 feet, and an arc length of 123.52 feet; thence continuing easterly along a compound curve to the right, having a radius of 850.00 feet, and an arc length of 500.80 feet; thence northeast with a bearing of N 76 degrees 00 minutes 00 seconds E., a distance of 23.85 feet; thence northeast with a bearing of N 25 degrees 54 minutes 47 seconds E, a distance of 156.18 feet; thence northeasterly along a curve to the right tangent to the last described course, having a radius of 235.00 feet, an arc length of 183.38 feet; thence southeast with a bearing of S 19 degrees 23 minutes 44 seconds E, a distance of 70.00 feet; thence southwesterly along a nontangent curve to the left having an initial tangent bearing of S 70 degrees 37 minutes 58 seconds W, a radius of 165.00 feet, and an arc length of 128.78 feet; thence southwest with a bearing of S 25 degrees 54 minutes 47 seconds W, a distance of 156.20 feet; thence southeast with a bearing of S 24 degrees 09 minutes 11 seconds E, a distance of 23.76 feet; thence southeast with a bearing of S 60 degrees 22 minutes 25 seconds E, a distance of 141.25 feet; thence easterly along a curve to the left tangent to the last described course having a radius of 460.00 feet, and an arc length of 436.97 feet; thence northeast with a bearing of N 65 degrees 11 minutes 55 seconds E, a distance of 889.06 feet; thence northeast along a curve to the left tangent to the last described course, having a radius of 707.00 feet, and an arc length of 328.77 feet; thence northeast with a bearing of N 38 degrees 33 minutes 17 seconds E, a distance of 265.86 feet; thence northwest with a bearing of N 32 degrees 12 minutes 55 seconds W, a distance of 31.88 feet; thence northeast with a bearing of N 38 degrees 36 minutes 46 seconds E, a distance of 100.00 feet; thence southeast with a bearing of S 51 degrees 26 minutes 43 seconds E, a distance of 16.97 feet; thence northeast with a bearing of N 38 degrees 33 minutes 17 seconds E, a distance of 127.66 feet to the west right of way line of Lydia Avenue; thence south along said west right of way line with a bearing of S 04 degrees 34 minutes 16 seconds E, a distance of 26.74 feet; thence southwest with a bearing of S 32 degrees 19 minutes 46 seconds W, a distance of 130.15 feet; thence southwest with a bearing of S 16 degrees 37 minutes 34 seconds W, a distance of 54.46 feet; thence southeast with a bearing of S 63 degrees 19 minutes 21 seconds E, a distance of 114.44 feet

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to the west right of way line of Lydia Avenue; thence south along said west right of way line with a bearing of S 04 degrees 34 minutes 16 seconds E, a distance of 97.43 feet; thence northwest with a bearing of N 38 degrees 00 minutes 00 seconds W, a distance of 61.15 feet; thence northwest with a bearing of N 72 degrees 57 minutes 18 seconds W, a distance of 22.89 feet; thence southwesterly along a non-tangent curve to the right having an initial tangent bearing of S 45 degrees 12 minutes 26 seconds W, a radius of 78.00 feet an arc length of 19.36 feet; thence continuing southwesterly along a reverse curve to the left having a radius of 197.00 feet, an arc length of 71.78 feet; thence southwest with a bearing of S 38 degrees 33 minutes 17 seconds W, a distance of 467.27 feet to a point on the north line of the aforementioned Burlington Northern railroad property; thence southwesterly along said north line with a bearing of S 66 degrees 00 minutes 08 seconds W, a distance of 218.22 feet to the point of beginning. Said tract containing 451,960 square feet, or 10.38 acres, more or less.

Section 6. That the City hereby establishes right of way for Riverfront Drive as follows:

A tract of land located in fractional Sections 28 and 33, Township 50 North, Range 33 West, in Kansas City, Jackson County, Missouri being that tract devoted for public use for street purposes for relocation of River Front Road at Paseo River Bridge Connection to Interstate Routes I-29 and I-35, in Kansas City, Jackson County, Missouri by Ordinance #42446 passed March 30, 1973, said tract being more particularly described as follows:

Commencing at the northeast corner of the north half of the aforementioned fractional Section 33; thence S 02 degrees 28 minutes 37 seconds W along the east line of said Section 33, a distance of 203.62 feet; thence N 87 degrees 31 minutes 23 seconds W, a distance of 3218.26 feet to a point on the northerly line of said tract, said point being the most easterly point of said tract, said point also being the POINT OF BEGINNING of the herein described tract; thence S 37 degrees 29 minutes 03 seconds W along the southeasterly line of said tract, a distance of 120.00 feet to a point on the southerly line of said tract; thence northwest, west and southwest the following four courses along said southerly line, N 52 degrees 30 minutes 57 seconds W, a distance of 298.65 feet to the beginning of a curve concave to the southwest having a radius of 460.87 feet; thence northwesterly, westerly and southwesterly 534.90 feet along said curve through a central angle of 66 degrees 29 minutes 58 seconds; thence S 60 degrees 59 minutes 05 seconds W, a distance of 440.57 feet to the beginning of a curve concave to the southeast having a radius of 460.87 feet; thence southwesterly 343.51 feet along said curve through a central angle of 42 degrees 42 minutes 19

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seconds to the most southerly point of said tract; thence N 71 degrees 43 minutes 14 seconds W along the southwesterly line of said tract, a distance of 120.00 feet to a point on the northerly line of said tract, said point being the beginning of a non-tangent curve concave to the southeast having a radius of 580.87 feet and an initial tangent bearing of N 18 degrees 16 minutes 46 seconds E; thence northeasterly, easterly and southeasterly along said northerly line, the following four courses; 432.95 feet along said curve through a central angle of 42 degrees 42 minutes 19 seconds; thence N 60 degrees 59 minutes 05 seconds E, a distance of 440.57 feet to the beginning of a curve concave to the southwest, having a radius of 580.87 feet; thence northeasterly, easterly and southeasterly 674.18 feet along said curve through a central angle of 66 degrees 29 minutes 58 seconds; thence S 52 degrees 30 minutes 57 seconds E, a distance of 298.65 feet to the POINT OF BEGINNING of said tract containing 207,839 square feet or 4.77 acres more or less.

Section 7. All easements located within street right of way are subordinate to street right of way.

Section 8. That this ordinance shall become effective as provided in Section 88.917, RSMo.

Section 9. 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:

Nelson V. Munoz
Assistant City Attorney