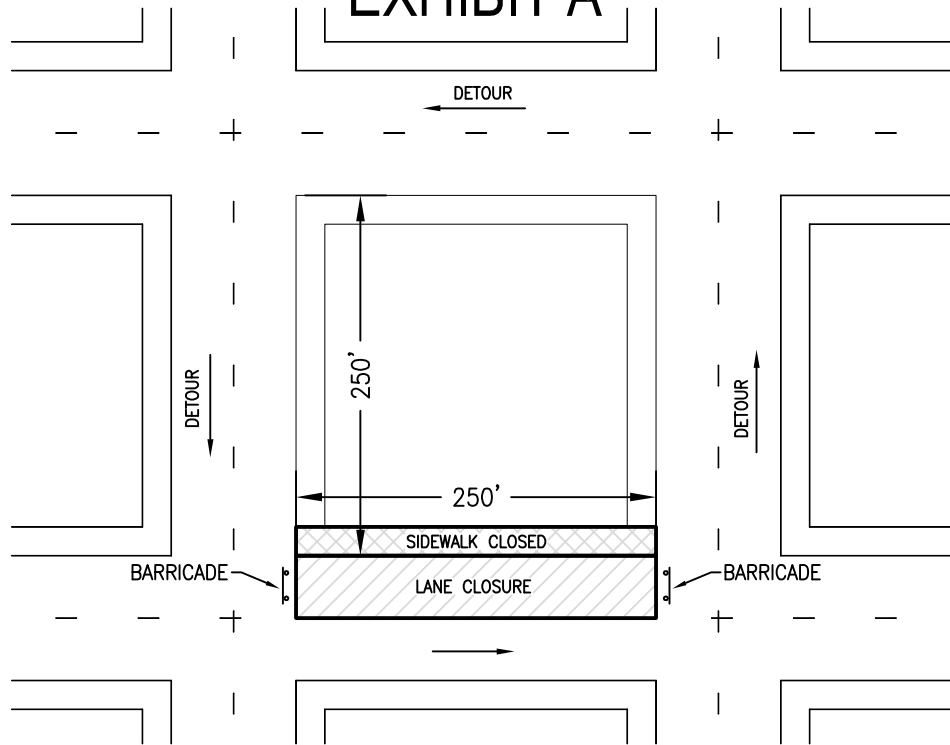


EXHIBIT A



CLOSURE SCENARIOS

CLOSED THROUGH LANE AND SIDEWALK FOR 60 DAYS

EXAMPLE 1

KANSAS CITY MISSOURI STREET CLOSURE

ADT x NUMBER OF DAYS x DETOUR (LINEAR MILES) x UNIT COST x FACTOR FOR DIRECTION OF TRAVEL x SPECIFIED FACTOR FOR DRIVING LANES USING THEIR CHARTS.

$$500 \text{ ADT} \times 60 \text{ DAYS} \times \left(\frac{250+250+250}{5280} = 0.86 \right) \text{ DETOUR LENGTH} \times \$0.15/\text{LINEAR MILE} \times \text{FACTOR FOR DIRECTION OF TRAVEL (0.50)} \times \text{FACTOR FOR DRIVING LANES (1.0)} = \$319.60$$

TRAVEL (0.50) x FACTOR FOR DRIVING LANES (1.0) = **\$319.60**

KANSAS CITY MISSOURI SIDEWALK CLOSURE

$$[\$0.60/\text{DAY FOR EACH 20 FEET OF SIDEWALK} = \$0.03 \text{ FEET}/\text{DAY}] \times 250 \text{ FEET} \times 60 \text{ DAYS} = \$450.00$$

FOR BEING ADJACENT TO CLOSED LANE REDUCE BY 50% = **\$225.00**

KANSAS CITY MISSOURI ALLEY CLOSURE

$$\$1.50/\text{DAY} \times 60 \text{ DAYS} = \$90.00$$

EXAMPLE 2

MIAMI STREET CLOSURE (MINUS CITY 7 DAY GRACE PERIOD)

$$250 \text{ FEET} \times 53 \text{ DAYS} \times \$0.35/\text{LF}/\text{DAY} = \$4,637.50$$

MIAMI SIDEWALK CLOSURE

$$250 \text{ FEET} \times 53 \text{ DAYS} \times \$0.20/\text{LF}/\text{DAY} = \$2,650.00$$

MIAMI ALLEY CLOSURE (CITY RECOMMENDS 1/10 SIDEWALK)

$$\text{SAME AS STREET CLOSURE} = \$265.00$$



City of Columbia, Missouri
Department of Public Works

CLOSURE SCENARIOS

Scale: Not to scale | Dwn: J.L.H. | Date: 9/22/16