# City of Norman ADA Self-Evaluation and Transition Plan Sidewalk Cost Projection Summary - Rail 5/2/2018

| GPS ID | Project Name                  | Cost Pro | ojection |
|--------|-------------------------------|----------|----------|
| 300    | Boyd St North Rail Crossing   | \$       | 88,000   |
| 301    | Boyd St South Rail Crossing   | \$       | 88,000   |
| 302    | Eufala St North Rail Crossing | \$       | 85,000   |
| 303    | Eufala St South Rail Crossing | \$       | 85,000   |
| 304    | Main St North Rail Crossing   | \$       | 88,000   |
| 305    | Main St Rail Crossing         | \$       | 88,000   |
| 306    | Gray St North Rail Crossing   | \$       | 88,000   |
| 307    | Gray St South Rail Crossing   | \$       | 88,000   |
|        |                               |          |          |
|        | TOTAL                         | \$       | 698,000  |

Client: City of Norman Date: 05/02/18
Program: ADA Self-Evaluation and Transition Plan Prepared By: CMP
KHA No.: 061298800 Checked By: EPE

Corridor: Boyd St North Rail Crossing GPS ID: 300
City: Norman

| Item No.               | Item Description                      | Quantity | Unit   | Unit Price             | Item Cost<br>Includes Engineering (15%) and<br>Contingency (20%) |
|------------------------|---------------------------------------|----------|--------|------------------------|--|
| ODOT 504(F)-6006       | Handrailing                           | 0        | LF     | \$ 130.00              | \$ -   |
| ODOT 610(A)-0602       | 4" Concrete Sidewalk                  | 11       | SY     | \$ 50.00               | \$ 750.60  |
| ODOT 619(B)-0604       | 6" Concrete Driveway                  | 0        | SY     | \$ 60.00               | \$ -   |
| ODOT 619(B)-4766       | Removal of Concrete Driveway          | 0        | SY     | \$ 9.00                | \$ -   |
| ODOT 619(B)-4792       | Removal of Sidewalk                   | 11       | SY     | \$ 12.00               | \$ 180.14  |
| ODOT 610(I)-4615       | Tactile Warning Device - Retrofit     | 20       | SF     | \$ 60.00               | \$ 1,620.00  |
|                        | Concrete Railroad Panel               | 1        | LS     | \$ 36,000.00           | \$ 48,600.00   |
| ODOT 610(G) 4142       | Bituminous Driveway                   | 0        | SY     | \$ 35.50               | \$ -   |
|                        | Welded Steel Grate                    | 0        | EA     | \$ 1,300.00            | \$ -   |
|                        | Relocate Fire Hydrant                 | 0        | LS     | \$ 2,000.00            | \$ -   |
|                        | Adjust Utility Elevation              | 0        | LS     | \$ 1,000.00            | \$ -   |
|                        | Remove Obstruction                    | 0        | LS     | \$ 1,000.00            | \$ -   |
|                        | Remove Temporary Obstruction          | 0        | LS     | \$ 500.00              | \$ -   |
|                        | Railroad Company Flagger              | 7        | Day(s) | \$ 1,000.00            | \$ 9,450.00  |
|                        | Remove Railroad Panel                 | 1        | LS     | \$ 20,000.00           | \$ 27,000.00   |
| ODOT 619(B)-4767       | Removal of Asphalt Driveways          | 0        | SY     | \$ 6.00                | \$ -   |
|                        | Installation of Asphalt Pavement (6") | 0        | SY     | \$ 5.00                | \$ -   |
| Basis for Cost Project | etion                                 |          |        | Subtotal:              | \$ 87,600.74   |
| •                      | ☑ No Design Completed                 |          | Es     | stimated Project Cost: | \$ 88,000.00   |

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

9,733.42

12,977.89

Contingency: (% +/-)

# Sidewalk Summary

| Priority        | Length (LF) | Cost |           |  |
|-----------------|-------------|------|-----------|--|
| High            | 18          | \$   | 87,600.74 |  |
| Medium          | 0           | \$   | -         |  |
| Low             | 0           | \$   | -         |  |
| Compliant       | 0           |      |           |  |
| Not Prioritized | 0           |      |           |  |
| Subtotal        | 18          | \$   | 87,600.74 |  |
| Sidewalk Total  | 10          | \$   | 88,000.00 |  |

## Corridor Summary

| Facility                        | Cost |           |
|---------------------------------|------|-----------|
| Sidewalk Total                  | \$   | 88,000.00 |
| Unsignalized Intersection Total | \$   | -         |
| Corridor Total                  | \$   | 88,000.00 |

End of Project Description for Project 300 Boyd St North Rail Crossing

☐ Preliminary Design

☐ Final Design

Client: City of Norman Date: 05/02/18
Program: ADA Self-Evaluation and Transition Plan Prepared By: CMP
KHA No.: 061298800 Checked By: EPE

Corridor: Boyd St South Rail Crossing GPS ID: 301
City: Norman

| Item No.               | Item Description                      | Quantity | Unit   | Unit Price             | Item Cost<br>Includes Engineering (15%) and<br>Contingency (20%) |
|------------------------|---------------------------------------|----------|--------|------------------------|--|
| ODOT 504(F)-6006       | Handrailing                           | 0        | LF     | \$ 130.00              | \$ -   |
| ODOT 610(A)-0602       | 4" Concrete Sidewalk                  | 11       | SY     | \$ 50.00               | \$ 750.60  |
| ODOT 619(B)-0604       | 6" Concrete Driveway                  | 0        | SY     | \$ 60.00               | \$ -   |
| ODOT 619(B)-4766       | Removal of Concrete Driveway          | 0        | SY     | \$ 9.00                | \$ -   |
| ODOT 619(B)-4792       | Removal of Sidewalk                   | 11       | SY     | \$ 12.00               | \$ 180.14  |
| ODOT 610(I)-4615       | Tactile Warning Device - Retrofit     | 20       | SF     | \$ 60.00               | \$ 1,620.00  |
|                        | Concrete Railroad Panel               | 1        | LS     | \$ 36,000.00           | \$ 48,600.00   |
| ODOT 610(G) 4142       | Bituminous Driveway                   | 0        | SY     | \$ 35.50               | \$ -   |
|                        | Welded Steel Grate                    | 0        | EA     | \$ 1,300.00            | \$ -   |
|                        | Relocate Fire Hydrant                 | 0        | LS     | \$ 2,000.00            | \$ -   |
|                        | Adjust Utility Elevation              | 0        | LS     | \$ 1,000.00            | \$ -   |
|                        | Remove Obstruction                    | 0        | LS     | \$ 1,000.00            | \$ -   |
|                        | Remove Temporary Obstruction          | 0        | LS     | \$ 500.00              | \$ -   |
|                        | Railroad Company Flagger              | 7        | Day(s) | \$ 1,000.00            | \$ 9,450.00  |
|                        | Remove Railroad Panel                 | 1        | LS     | \$ 20,000.00           | \$ 27,000.00   |
| ODOT 619(B)-4767       | Removal of Asphalt Driveways          | 0        | SY     | \$ 6.00                | \$ -   |
|                        | Installation of Asphalt Pavement (6") | 0        | SY     | \$ 5.00                | \$ -   |
| Basis for Cost Project | etion                                 |          |        | Subtotal:              | \$ 87,600.74   |
|                        | ☑ No Design Completed                 |          | Es     | stimated Project Cost: | \$ 88,000.00   |

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

9,733.42

12,977.89

Contingency: (% +/-)

# Sidewalk Summary

| Priority        | Length (LF) | Cost |           |  |
|-----------------|-------------|------|-----------|--|
| High            | 18          | \$   | 87,600.74 |  |
| Medium          | 0           | \$   | -         |  |
| Low             | 0           | \$   | -         |  |
| Compliant       | 0           |      |           |  |
| Not Prioritized | 0           |      |           |  |
| Subtotal        | 18          | \$   | 87,600.74 |  |
| Sidewalk Total  | 10          | \$   | 88,000.00 |  |

## Corridor Summary

| Facility                        | Cost |           |  |
|---------------------------------|------|-----------|--|
| Sidewalk Total                  | \$   | 88,000.00 |  |
| Unsignalized Intersection Total | \$   | -         |  |
| Corridor Total                  | \$   | 88,000.00 |  |

End of Project Description for Project 301 Boyd St South Rail Crossing

☐ Preliminary Design

☐ Final Design

Client: City of Norman Date: 05/02/18
Program: ADA Self-Evaluation and Transition Plan Prepared By: CMP
KHA No.: 061298800 Checked By: EPE

Corridor: Eufala St North Rail Crossing GPS ID: 302
City: Norman

| Item No.               | Item Description                      | Quantity | Unit   | Unit Price   | Item Cost<br>Includes Engineering (15%) and<br>Contingency (20%) |
|------------------------|---------------------------------------|----------|--------|--------------|--|
| ODOT 504(F)-6006       | Handrailing                           | 0        | LF     | \$ 130.00    | \$ -   |
| ODOT 610(A)-0602       | 4" Concrete Sidewalk                  | 11       | SY     | \$ 50.00     | \$ 750.60  |
| ODOT 619(B)-0604       | 6" Concrete Driveway                  | 0        | SY     | \$ 60.00     | \$ -   |
| ODOT 619(B)-4766       | Removal of Concrete Driveway          | 0        | SY     | \$ 9.00      | \$ -   |
| ODOT 619(B)-4792       | Removal of Sidewalk                   | 11       | SY     | \$ 12.00     | \$ 180.14  |
| ODOT 610(I)-4615       | Tactile Warning Device - Retrofit     | 0        | SF     | \$ 60.00     | \$ -   |
|                        | Concrete Railroad Panel               | 1        | LS     | \$ 36,000.00 | \$ 48,600.00   |
| ODOT 610(G) 4142       | Bituminous Driveway                   | 0        | SY     | \$ 35.50     | \$ -   |
|                        | Welded Steel Grate                    | 0        | EA     | \$ 1,300.00  | \$ -   |
|                        | Relocate Fire Hydrant                 | 0        | LS     | \$ 2,000.00  | \$ -   |
|                        | Adjust Utility Elevation              | 0        | LS     | \$ 1,000.00  | \$ -   |
|                        | Remove Obstruction                    | 0        | LS     | \$ 1,000.00  | \$ -   |
|                        | Remove Temporary Obstruction          | 0        | LS     | \$ 500.00    | \$ -   |
|                        | Railroad Company Flagger              | 6        | Day(s) | \$ 1,000.00  | \$ 8,100.00  |
|                        | Remove Railroad Panel                 | 1        | LS     | \$ 20,000.00 | \$ 27,000.00   |
| ODOT 619(B)-4767       | Removal of Asphalt Driveways          | 0        | SY     | \$ 6.00      | \$ -   |
|                        | Installation of Asphalt Pavement (6") | 0        | SY     | \$ 5.00      | \$ -   |
| Basis for Cost Project | ction                                 |          | _      | Subtotal:    | \$ 84,630.74   |

 $\ensuremath{\square}$  No Design Completed

☐ Preliminary Design

☐ Final Design

|  |                      | Subtotal:  | \$<br>84,630.74 |
|--|----------------------|------------|-----------------|
|  | <b>Estimated Pro</b> | ject Cost: | \$<br>85,000.00 |
|  | Engineering: (% +/-) | 15%        | \$<br>9,403.42  |
|  | Contingency: (% +/-) | 20%        | \$<br>12,537.89 |

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# Sidewalk Summary

| Priority        | Length (LF) | Cost |           |  |
|-----------------|-------------|------|-----------|--|
| High            | 19          | \$   | 84,630.74 |  |
| Medium          | 0           | \$   | -         |  |
| Low             | 0           | \$   | -         |  |
| Compliant       | 0           |      |           |  |
| Not Prioritized | 0           |      |           |  |
| Subtotal        | 19          | \$   | 84,630.74 |  |
| Sidewalk Total  | 19          | \$   | 85,000.00 |  |

## **Corridor Summary**

| Facility                        | Cost |           |
|---------------------------------|------|-----------|
| Sidewalk Total                  | \$   | 85,000.00 |
| Unsignalized Intersection Total | \$   | -         |
| Corridor Total                  | \$   | 85,000.00 |

End of Project Description for Project 302 Eufala St North Rail Crossing

Client: City of Norman Date: 05/02/18
Program: ADA Self-Evaluation and Transition Plan Prepared By: CMP
KHA No.: 061298800 Checked By: EPE

Corridor: Eufala St South Rail Crossing GPS ID: 303
City: Norman

| Item No.               | Item Description                      | Quantity | Unit   | Unit Price      | Item Cost<br>Includes Engineering (15%) a<br>Contingency (20%) |           |
|------------------------|---------------------------------------|----------|--------|-----------------|--|-----------|
| ODOT 504(F)-6006       | Handrailing                           | 0        | LF     | \$<br>130.00    | \$   | -         |
| ODOT 610(A)-0602       | 4" Concrete Sidewalk                  | 11       | SY     | \$<br>50.00     | \$   | 750.60    |
| ODOT 619(B)-0604       | 6" Concrete Driveway                  | 0        | SY     | \$<br>60.00     | \$   | -         |
| ODOT 619(B)-4766       | Removal of Concrete Driveway          | 0        | SY     | \$<br>9.00      | \$   | -         |
| ODOT 619(B)-4792       | Removal of Sidewalk                   | 11       | SY     | \$<br>12.00     | \$   | 180.14    |
| ODOT 610(I)-4615       | Tactile Warning Device - Retrofit     | 0        | SF     | \$<br>60.00     | \$   | -         |
|                        | Concrete Railroad Panel               | 1        | LS     | \$<br>36,000.00 | \$   | 48,600.00 |
| ODOT 610(G) 4142       | Bituminous Driveway                   | 0        | SY     | \$<br>35.50     | \$   | -         |
|                        | Welded Steel Grate                    | 0        | EA     | \$<br>1,300.00  | \$   | -         |
|                        | Relocate Fire Hydrant                 | 0        | LS     | \$<br>2,000.00  | \$   | -         |
|                        | Adjust Utility Elevation              | 0        | LS     | \$<br>1,000.00  | \$   | -         |
|                        | Remove Obstruction                    | 0        | LS     | \$<br>1,000.00  | \$   | -         |
|                        | Remove Temporary Obstruction          | 0        | LS     | \$<br>500.00    | \$   | -         |
|                        | Railroad Company Flagger              | 6        | Day(s) | \$<br>1,000.00  | \$   | 8,100.00  |
|                        | Remove Railroad Panel                 | 1        | LS     | \$<br>20,000.00 | \$   | 27,000.00 |
| ODOT 619(B)-4767       | Removal of Asphalt Driveways          | 0        | SY     | \$<br>6.00      | \$   | -         |
|                        | Installation of Asphalt Pavement (6") | 0        | SY     | \$<br>5.00      | \$   | -         |
| Basis for Cost Project | ation                                 | •        | 1      | Subtotal:       | Φ  | 84.630.74 |

 $\ \ \square$  No Design Completed

☐ Preliminary Design

☐ Final Design

| σ               | 0.00          | Ψ. |           |
|-----------------|---------------|----|-----------|
|                 | Subtotal:     | \$ | 84,630.74 |
| Estimated       | Project Cost: | \$ | 85,000.00 |
| Engineering: (% | 6 +/-) 15%    | \$ | 9,403.42  |
| Contingency: (% | 5 +/-) 20%    | \$ | 12,537.89 |

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# Sidewalk Summary

| Priority        | Length (LF) | Cost         |           |
|-----------------|-------------|--------------|-----------|
| High            | 23          | \$           | 84,630.74 |
| Medium          | 0           | \$           | -         |
| Low             | 0           | \$           | -         |
| Compliant       | 0           |              |           |
| Not Prioritized | 0           |              |           |
| Subtotal        | 23          | \$           | 84,630.74 |
| Sidewalk Total  | 23          | \$ 85,000.00 |           |

## **Corridor Summary**

| Facility                        | Cost |           |
|---------------------------------|------|-----------|
| Sidewalk Total                  | \$   | 85,000.00 |
| Unsignalized Intersection Total | \$   | -         |
| Corridor Total                  | \$   | 85,000.00 |

End of Project Description for Project 303 Eufala St South Rail Crossing

 Client:
 City of Norman
 Date: 05/02/18

 Program:
 ADA Self-Evaluation and Transition Plan
 Prepared By: CMP

 KHA No.:
 061298800
 Checked By: EPE

Corridor: Main St North Rail Crossing GPS ID: 304
City: Norman

| Item No.               | Item Description                      | Quantity | Unit   | Unit Price   | Item Cost<br>Includes Engineering (15%) and<br>Contingency (20%) |
|------------------------|---------------------------------------|----------|--------|--------------|--|
| ODOT 504(F)-6006       | Handrailing                           | 0        | LF     | \$ 130.00    | \$ -   |
| ODOT 610(A)-0602       | 4" Concrete Sidewalk                  | 11       | SY     | \$ 50.00     | \$ 750.60  |
| ODOT 619(B)-0604       | 6" Concrete Driveway                  | 0        | SY     | \$ 60.00     | \$ -   |
| ODOT 619(B)-4766       | Removal of Concrete Driveway          | 0        | SY     | \$ 9.00      | \$ -   |
| ODOT 619(B)-4792       | Removal of Sidewalk                   | 11       | SY     | \$ 12.00     | \$ 180.14  |
| ODOT 610(I)-4615       | Tactile Warning Device - Retrofit     | 20       | SF     | \$ 60.00     | \$ 1,620.00  |
|                        | Concrete Railroad Panel               | 1        | LS     | \$ 36,000.00 | \$ 48,600.00   |
| ODOT 610(G) 4142       | Bituminous Driveway                   | 0        | SY     | \$ 35.50     | \$ -   |
|                        | Welded Steel Grate                    | 0        | EA     | \$ 1,300.00  | \$ -   |
|                        | Relocate Fire Hydrant                 | 0        | LS     | \$ 2,000.00  | \$ -   |
|                        | Adjust Utility Elevation              | 0        | LS     | \$ 1,000.00  | \$ -   |
|                        | Remove Obstruction                    | 0        | LS     | \$ 1,000.00  | \$ -   |
|                        | Remove Temporary Obstruction          | 0        | LS     | \$ 500.00    | \$ -   |
|                        | Railroad Company Flagger              | 7        | Day(s) | \$ 1,000.00  | \$ 9,450.00  |
|                        | Remove Railroad Panel                 | 1        | LS     | \$ 20,000.00 | \$ 27,000.00   |
| ODOT 619(B)-4767       | Removal of Asphalt Driveways          | 0        | SY     | \$ 6.00      | \$ -   |
|                        | Installation of Asphalt Pavement (6") | 0        | SY     | \$ 5.00      | \$ -   |
| Basis for Cost Project | ction                                 |          | _      | Subtotal:    | \$ 87,600.74   |

 $\ensuremath{\square}$  No Design Completed

☐ Preliminary Design

☐ Final Design

| Subtotal:                | \$<br>87,600.74 |
|--------------------------|-----------------|
| Estimated Project Cost:  | \$<br>88,000.00 |
| Engineering: (% +/-) 15% | \$<br>9,733.42  |
| Contingency: (% +/-) 20% | \$<br>12,977.89 |

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# Sidewalk Summary

| Priority        | Length (LF) | Cost            |
|-----------------|-------------|-----------------|
| High            | 29          | \$<br>87,600.74 |
| Medium          | 0           | \$<br>-         |
| Low             | 0           | \$<br>-         |
| Compliant       | 0           |                 |
| Not Prioritized | 0           |                 |
| Subtotal        | 29          | \$<br>87,600.74 |
| Sidewalk Total  | 29          | \$<br>88,000.00 |

## **Corridor Summary**

| Facility                        | Cost |           |
|---------------------------------|------|-----------|
| Sidewalk Total                  | \$   | 88,000.00 |
| Unsignalized Intersection Total | \$   | -         |
| Corridor Total                  | \$   | 88,000.00 |

End of Project Description for Project 304 Main St North Rail Crossing

Client: City of Norman Date: 05/02/18 Program: ADA Self-Evaluation and Transition Plan Prepared By: CMP KHA No.: 061298800 Checked By: EPE

Corridor: Main St Rail Crossing GPS ID: 305 City: Norman

| Item No.             | Item Description                      | Quantity | Unit   | Unit Price      | Includes | Item Cost<br>Engineering (15%) and<br>ntingency (20%) |
|----------------------|---------------------------------------|----------|--------|-----------------|----------|---|
| ODOT 504(F)-6006     | Handrailing                           | 0        | LF     | \$<br>130.00    | \$       | -   |
| ODOT 610(A)-0602     | 4" Concrete Sidewalk                  | 11       | SY     | \$<br>50.00     | \$       | 750.60  |
| ODOT 619(B)-0604     | 6" Concrete Driveway                  | 0        | SY     | \$<br>60.00     | \$       | -   |
| ODOT 619(B)-4766     | Removal of Concrete Driveway          | 0        | SY     | \$<br>9.00      | \$       | -   |
| ODOT 619(B)-4792     | Removal of Sidewalk                   | 11       | SY     | \$<br>12.00     | \$       | 180.14  |
| ODOT 610(I)-4615     | Tactile Warning Device - Retrofit     | 20       | SF     | \$<br>60.00     | \$       | 1,620.00  |
|                      | Concrete Railroad Panel               | 1        | LS     | \$<br>36,000.00 | \$       | 48,600.00   |
| ODOT 610(G) 4142     | Bituminous Driveway                   | 0        | SY     | \$<br>35.50     | \$       | -   |
|                      | Welded Steel Grate                    | 0        | EA     | \$<br>1,300.00  | \$       | -   |
|                      | Relocate Fire Hydrant                 | 0        | LS     | \$<br>2,000.00  | \$       | -   |
|                      | Adjust Utility Elevation              | 0        | LS     | \$<br>1,000.00  | \$       | -   |
|                      | Remove Obstruction                    | 0        | LS     | \$<br>1,000.00  | \$       | -   |
|                      | Remove Temporary Obstruction          | 0        | LS     | \$<br>500.00    | \$       | -   |
|                      | Railroad Company Flagger              | 7        | Day(s) | \$<br>1,000.00  | \$       | 9,450.00  |
|                      | Remove Railroad Panel                 | 1        | LS     | \$<br>20,000.00 | \$       | 27,000.00   |
| ODOT 619(B)-4767     | Removal of Asphalt Driveways          | 0        | SY     | \$<br>6.00      | \$       | -   |
|                      | Installation of Asphalt Pavement (6") | 0        | SY     | \$<br>5.00      | \$       | -   |
| Basis for Cost Proje | ction                                 |          |        | <br>Subtotal:   | \$       | 87,600.74   |

 $\ensuremath{\square}$  No Design Completed

☐ Preliminary Design

☐ Final Design

| Subtotal:                | \$<br>87,600.74 |
|--------------------------|-----------------|
| Estimated Project Cost:  | \$<br>88,000.00 |
| Engineering: (% +/-) 15% | \$<br>9,733.42  |
| Contingency: (% +/-) 20% | \$<br>12,977.89 |

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# Sidewalk Summary

| Priority        | Length (LF) | Cost                         |           |
|-----------------|-------------|------------------------------|-----------|
| High            | 26          | \$                           | 87,600.74 |
| Medium          | 0           | \$                           | -         |
| Low             | 0           | \$                           | -         |
| Compliant       | 0           |                              |           |
| Not Prioritized | 0           |                              |           |
| Subtotal        | 26          | \$ 87,600.74<br>\$ 88,000.00 |           |
| Sidewalk Total  | 20          |                              |           |

## **Corridor Summary**

| Facility                        | Cost |           |
|---------------------------------|------|-----------|
| Sidewalk Total                  | \$   | 88,000.00 |
| Unsignalized Intersection Total | \$   | -         |
| Corridor Total                  | \$   | 88,000.00 |

End of Project Description for Project 305 Main St Rail Crossing

Client: City of Norman Date: 05/02/18 Program: ADA Self-Evaluation and Transition Plan Prepared By: CMP KHA No.: 061298800 Checked By: EPE

Corridor: Gray St North Rail Crossing GPS ID: 306 City: Norman

| Item No.               | Item Description                      | Quantity | Unit   | Unit Price      | Item Cost<br>Includes Engineering (15%) and<br>Contingency (20%) |
|------------------------|---------------------------------------|----------|--------|-----------------|--|
| ODOT 504(F)-6006       | Handrailing                           | 0        | LF     | \$<br>130.00    | \$ -   |
| ODOT 610(A)-0602       | 4" Concrete Sidewalk                  | 11       | SY     | \$<br>50.00     | \$ 750.60  |
| ODOT 619(B)-0604       | 6" Concrete Driveway                  | 0        | SY     | \$<br>60.00     | \$ -   |
| ODOT 619(B)-4766       | Removal of Concrete Driveway          | 0        | SY     | \$<br>9.00      | \$ -   |
|                        | Removal of Sidewalk                   | 11       | SY     | \$<br>12.00     | \$ 180.14  |
| ODOT 610(I)-4615       | Tactile Warning Device - Retrofit     | 20       | SF     | \$<br>60.00     | \$ 1,620.00  |
|                        | Concrete Railroad Panel               | 1        | LS     | \$<br>36,000.00 | \$ 48,600.00   |
| ODOT 610(G) 4142       | Bituminous Driveway                   | 0        | SY     | \$<br>35.50     | \$ -   |
|                        | Welded Steel Grate                    | 0        | EA     | \$<br>1,300.00  | \$ -   |
|                        | Relocate Fire Hydrant                 | 0        | LS     | \$<br>2,000.00  | \$ -   |
|                        | Adjust Utility Elevation              | 0        | LS     | \$<br>1,000.00  | \$ -   |
|                        | Remove Obstruction                    | 0        | LS     | \$<br>1,000.00  | \$ -   |
|                        | Remove Temporary Obstruction          | 0        | LS     | \$<br>500.00    | \$ -   |
|                        | Railroad Company Flagger              | 7        | Day(s) | \$<br>1,000.00  | \$ 9,450.00  |
|                        | Remove Railroad Panel                 | 1        | LS     | \$<br>20,000.00 | \$ 27,000.00   |
| ODOT 619(B)-4767       | Removal of Asphalt Driveways          | 0        | SY     | \$<br>6.00      | \$ -   |
|                        | Installation of Asphalt Pavement (6") | 0        | SY     | \$<br>5.00      | \$ -   |
| Basis for Cost Project | rtion                                 |          |        | Subtotal:       | \$ 87 600 74   |

☑ No Design Completed

☐ Preliminary Design

☐ Final Design

| : *                      |    |           |
|--------------------------|----|-----------|
| Subtotal:                | \$ | 87,600.74 |
| Estimated Project Cost:  |    | 88,000.00 |
| Engineering: (% +/-) 15% | \$ | 9,733.42  |
| Contingency: (% +/-) 20% | \$ | 12,977.89 |

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

# Sidewalk Summary

| Priority        | Length (LF) | Cost |           |
|-----------------|-------------|------|-----------|
| High            | 25          | \$   | 87,600.74 |
| Medium          | 0           | \$   | -         |
| Low             | 0           | \$   | -         |
| Compliant       | 0           |      |           |
| Not Prioritized | 0           |      |           |
| Subtotal        | 25          | \$   | 87,600.74 |
| Sidewalk Total  | 25          | \$   | 88,000.00 |

## **Corridor Summary**

| Facility                        | Cost |           |  |
|---------------------------------|------|-----------|--|
| Sidewalk Total                  | \$   | 88,000.00 |  |
| Unsignalized Intersection Total | \$   | -         |  |
| Corridor Total                  | \$   | 88,000.00 |  |

End of Project Description for Project 306 Gray St North Rail Crossing

Client: City of Norman Date: 05/02/18
Program: ADA Self-Evaluation and Transition Plan Prepared By: CMP
KHA No.: 061298800 Checked By: EPE

Corridor: Gray St South Rail Crossing GPS ID: 307
City: Norman

| Item No.              | Item Description                      | Quantity | Unit   |                         | Unit Price | Includes E | em Cost<br>ngineering (15%) and<br>ingency (20%) |
|-----------------------|---------------------------------------|----------|--------|-------------------------|------------|------------|--|
| ODOT 504(F)-6006      | Handrailing                           | 0        | LF     | \$                      | 130.00     | \$         | -  |
|                       | 4" Concrete Sidewalk                  | 11       | SY     | \$                      | 50.00      | \$         | 750.60   |
| ODOT 619(B)-0604      | 6" Concrete Driveway                  | 0        | SY     | \$                      | 60.00      | \$         | -  |
| ODOT 619(B)-4766      | Removal of Concrete Driveway          | 0        | SY     | \$                      | 9.00       | \$         | -  |
| ODOT 619(B)-4792      | Removal of Sidewalk                   | 11       | SY     | \$                      | 12.00      | \$         | 180.14   |
| ODOT 610(I)-4615      | Tactile Warning Device - Retrofit     | 20       | SF     | \$                      | 60.00      | \$         | 1,620.00   |
|                       | Concrete Railroad Panel               | 1        | LS     | \$                      | 36,000.00  | \$         | 48,600.00  |
| ODOT 610(G) 4142      | Bituminous Driveway                   | 0        | SY     | \$                      | 35.50      | \$         | -  |
|                       | Welded Steel Grate                    | 0        | EA     | \$                      | 1,300.00   | \$         | -  |
|                       | Relocate Fire Hydrant                 | 0        | LS     | \$                      | 2,000.00   | \$         | -  |
|                       | Adjust Utility Elevation              | 0        | LS     | \$                      | 1,000.00   | \$         | -  |
|                       | Remove Obstruction                    | 0        | LS     | \$                      | 1,000.00   | \$         | -  |
|                       | Remove Temporary Obstruction          | 0        | LS     | \$                      | 500.00     | \$         | -  |
|                       | Railroad Company Flagger              | 7        | Day(s) | \$                      | 1,000.00   | \$         | 9,450.00   |
|                       | Remove Railroad Panel                 | 1        | LS     | \$                      | 20,000.00  | \$         | 27,000.00  |
| ODOT 619(B)-4767      | Removal of Asphalt Driveways          | 0        | SY     | \$                      | 6.00       | \$         | -  |
|                       | Installation of Asphalt Pavement (6") | 0        | SY     | \$                      | 5.00       | \$         | -  |
| Basis for Cost Proje  | Basis for Cost Projection Subtotal:   |          |        |                         | \$         | 87,600.74  |  |
| ☑ No Design Completed |                                       |          | E      | Estimated Project Cost: |            |            | 88,000.00  |

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

9,733.42

12,977.89

Contingency: (% +/-)

## Sidewalk Summary

| Priority        | Length (LF) | Cost            |
|-----------------|-------------|-----------------|
| High            | 24          | \$<br>87,600.74 |
| Medium          | 0           | \$<br>-         |
| Low             | 0           | \$<br>-         |
| Compliant       | 0           |                 |
| Not Prioritized | 0           |                 |
| Subtotal        | 24          | \$<br>87,600.74 |
| Sidewalk Total  | 24          | \$<br>88,000.00 |

## **Corridor Summary**

| Facility                        | Cost |           |
|---------------------------------|------|-----------|
| Sidewalk Total                  | \$   | 88,000.00 |
| Unsignalized Intersection Total | \$   | -         |
| Corridor Total                  | \$   | 88,000.00 |

End of Project Description for Project 307 Gray St South Rail Crossing

☐ Preliminary Design

☐ Final Design