

## **Open Citizen Comment Procedure**

- 1) Public Hearings – Any citizen is allowed to ask questions and/or make comments during any public hearing scheduled for a particular issue.
- 2) “Citizen Communication” – Public comment can be provided on any item on the agenda or on issues affecting the City not on the agenda. Public comments should generally be limited to 3-5 minutes. Citizens are encouraged (but not required) to contact City Administration one week prior to the meeting, preferably in writing, to be placed on the agenda. Doing so provides Council an opportunity to give consideration to the issue/comment.

**Rolla City Council Meeting**  
**Tuesday, January 17, 2017**  
**901 North Elm Street**  
**City Hall Council Chambers**  
**6:30 P.M.**

**COUNCIL PRAYER**  
Ministerial Alliance

**PLEDGE OF ALLEGIANCE**  
Councilman Matt Miller

### **I. PUBLIC HEARINGS**

### **II. SPECIAL PRESENTATIONS**

### **III. OLD BUSINESS**

- A) **Ordinance** Enacting a New Section 27-81 of the Rolla City Code Regarding the Obstruction of Mailboxes – (Police Chief Sean Fagan) – **Final Reading**
- B) **Ordinance** Amending Section 27-62 of the Rolla City Code Pertaining to Seatbelts – (Police Chief Sean Fagan) – **Final Reading**
- C) **Ordinance** Amending Section 27-92 of the Rolla City Code Pertaining to Parking on Vichy & Vienna Roads – (Public Works Director Steve Hargis) – **Final Reading**
- D) **Ordinance** Authorizing the Mayor to Execute Amendment No. 3 with HNTB Corporation – Westside Transportation Master Plan Agreement - (Public Works Director Steve Hargis) – **Final Reading**

### **IV. NEW BUSINESS**

- A) **Motion** Authorizing the Closing of Certain Streets and Parking Lots During the St. Pat’s Celebration – (Public Works Director Steve Hargis) – **Motion**

### **V. CLAIMS and/or FISCAL TRANSACTIONS**

None.

### **VI. MAYOR/CITY COUNCIL COMMENTS**

**VII. CITIZEN COMMUNICATION**

A) Open Citizen Communication

**VIII. COMMENTS FOR THE GOOD OF THE ORDER**

**IX. CLOSED SESSION**

Pursuant to Section 610.021(12)RSMo. the City Council will discuss the following issues in Closed Session:

Proposal/Contract Negotiations

Real Estate

**X. ADJOURNMENT**

CITY OF ROLLA  
CITY COUNCIL AGENDA

DEPARTMENT HEAD: Chief Sean Fagan

ACTION REQUESTED: Final Reading

ITEM/SUBJECT: Parking to Obstruct Mailboxes

BUDGET APPROPRIATION (IF APPLICABLE): \$ N/A

DATE: January 18, 2017

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Commentary:

Currently there is no ordinance in the City of Rolla making it illegal to block a mailbox. The Police Department receives numerous complaints from both the Postal Service, and from citizens concerning the blocking of both public and private mailboxes. If a private mailbox is blocked, the Postal Service is not required to deliver mail to that mailbox.

I am proposing that the City of Rolla adopt an ordinance making it illegal to block both public and private mailboxes. A fine of \$25.00 could be assessed for this violation.

Recommendation:

Adopt an ordinance making it illegal to block mailboxes.

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ITEM NO. III. A.1.

ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE ENACTING ARTICLE VI - STOPPING, STANDING & PARKING, SECTION 27-81 OF THE GENERAL ORDINANCES OF THE CITY OF ROLLA, MISSOURI, KNOWN AS THE CODE OF THE CITY OF ROLLA, MISSOURI RELATING TO PARKING TO OBSTRUCT MAILBOXES.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROLLA, MISSOURI AS FOLLOWS:

**Section 1:** That Section 27-81, Parking to obstruct mailboxes, of the Code of the City of Rolla, Missouri, is hereby enacted to read as follows:

**Article VI - Stopping, Standing & Parking**

**Sec. 27-81 - Parking to obstruct mailboxes**

It shall be unlawful for any owner/operator of a motor vehicle, trailer, or construction equipment, to park on private property or on a public roadway within five (5) feet of, or in such a way as to obstruct any mailbox or delivery device which is serviced by the United States Postal Service.

**Section 2:** This ordinance shall be in full force and effect from and after its passage and approval.

PASSED BY THE CITY COUNCIL OF THE CITY OF ROLLA, MISSOURI, AND APPROVED BY THE MAYOR THIS 17<sup>th</sup> DAY OF JANUARY 2017.

APPROVED

ATTEST:

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk

APPROVED AS TO FORM:

\_\_\_\_\_  
City Counselor

III. A. 2.

CITY OF ROLLA  
CITY COUNCIL AGENDA

DEPARTMENT HEAD: Chief Sean Fagan

ACTION REQUESTED: Final Reading

ITEM/SUBJECT: Seatbelt Violations

BUDGET APPROPRIATION (IF APPLICABLE): \$ N/A

DATE: January 17, 2017

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Commentary:

Currently the City of Rolla has an ordinance for Failure to Wear a Seat Belt. This ordinance can be used as a “secondary” charge when a vehicle is stopped for another violation. The fine for Failure to Wear a Seat Belt is \$10.00.

I would like to propose that we pass an ordinance making Failure to Wear a Seat Belt a “primary offence”, which basically allows our officers to stop a driver for this offense.

Statistics have proven that close to 70% of vehicle fatalities could be prevented with the wearing of seatbelts. Enforcement for failure to wear a seat belt is a simple step we can use to help save lives.

Recommendation:

Amend the seatbelt ordinance to make a violation a primary offense and increase the fine.

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ITEM NO. \_\_\_\_\_

*III.B.1.*

ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE AMENDING ARTICLE IV, EQUIPMENT ON VEHICLES, SECTION 27-62 OF THE GENERAL ORDINANCES OF THE CITY OF ROLLA, MISSOURI, KNOWN AS THE CODE OF THE CITY OF ROLLA, MISSOURI RELATING TO SEATBELTS.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROLLA, MISSOURI AS FOLLOWS:

**Section 1:** That Section 27-62, Seat belts required for passenger cars, of the Code of the City of Rolla, Missouri, is hereby repealed and a new Section 27-62 is hereby enacted in lieu thereof as follows:

**Article IV - Equipment On Vehicles**

**Sec. 27-62. Seat belts required for passenger cars.**

(a) As used in the Ordinance, the term "passenger car" means every motor vehicle designed for carrying ten persons or less and used for the transportation of persons; except that, the term "passenger car" shall not include motorcycles, motorized bicycles, motor tricycles and trucks with a licensed gross weight of 12,000 pounds or more.

(b) Each driver, except persons employed by the United States Postal Service while performing duties for that federal agency which require the operator to service postal boxes from their vehicles, or which require frequent entry into and exit from their vehicles, and front seat passenger of a passenger car manufactured after January 1, 1968, operated on a street or highway in the City of Rolla, Missouri, and persons less than eighteen years of age operating or riding in a truck, as defined in Section 301.010, RSMo, on a street or highway in the City of Rolla, shall wear a properly adjusted and fastened safety belt that meets federal National Highway, Transportation and Safety Act requirements; except that a child less than eight years of age shall be protected as required in Section 307.179 RSMo. (Each driver of a motor vehicle transporting a child eight years of age or more, but less than sixteen years of age, in the front seat of the motor vehicle shall secure the child in a properly adjusted and fastened safety belt.) The provisions of this Section shall not be applicable to persons who have a medical reason for failing to have a seat belt fastened about his or her body, nor shall the provisions of this section be applicable to persons while operating or riding a motor vehicle being used in agricultural work-related activities.

(c) Each driver of a motor vehicle transporting a child eight years of age or more, but less than sixteen years of age, shall secure the child in a properly adjusted and fastened safety belt.

(d) Each person violating the provisions of this Section and who is found guilty thereof shall be subject to a fine not to exceed \$10 dollars. All other provisions of law and court rules to the contrary notwithstanding, as stated in Section 307.178 RSMo, no court costs may be imposed if court costs have been assessed on any other charge arising out of the same occurrence. (Ord. 2559, §§1-3; Ord. 3223, §1)

III . B. 2.

Ordinance No. \_\_\_\_\_

Page 2

**Section 2:** This ordinance shall be in full force and effect from and after its passage and approval.

PASSED BY THE CITY COUNCIL OF THE CITY OF ROLLA, MISSOURI, AND APPROVED BY THE MAYOR THIS 17<sup>th</sup> DAY OF JANUARY 2017.

APPROVED

ATTEST:

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk

APPROVED AS TO FORM:

\_\_\_\_\_  
City Counselor

III. B-3.

CITY OF ROLLA  
CITY COUNCIL AGENDA

DEPARTMENT HEAD: Steve Hargis

ACTION REQUESTED: Ordinance Final Reading

ITEM/SUBJECT: No Parking – Vichy Road/Vienna Road

BUDGET APPROPRIATION (IF APPLICABLE) DATE: 01/17/17

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COMMENTARY:

The attached ordinance provides for no parking on both sides on Vienna Road and for no parking along Vichy Road as shown on the attached drawing.

At the December 26<sup>th</sup> meeting, an ordinance which would have removed parking on both sides of Vichy was set aside. A resident along Vichy requested we reconsider the restriction and let it remain parking on one side. The areas which are already covered by a no parking ordinance are shown in yellow on the attached map.

We are recommending that no parking on the area's north intersections of Vienna Road, Roseglade Road and Meadowbrook Drive be extended to the north as shown on the attached drawing in red. Accident history shows most of the accidents on Vichy occur at these intersections. Both Meadowbrook Drive and Roseglade Road are on a curve and parked cars close to these intersections would be an increased hazard to oncoming and turning vehicles.

The parking restrictions on Vienna Road were left out of a previous update of the traffic ordinance. The attached ordinance replaces this restriction in the code.

Staff recommends approval of the no parking restrictions.

ITEM NO. III.C.1.



ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE AMENDING SECTION 27-92 OF THE GENERAL ORDINANCES OF THE CITY OF ROLLA, MISSOURI KNOWN AS THE CODE OF THE CITY OF ROLLA, MISSOURI, RELATING TO PARKING.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROLLA, MISSOURI AS FOLLOWS:

**Section 1:** That the following segments of Section 27-92 of the Code of the City of Rolla, Missouri, pertaining to parking are hereby amended and/or added to read as follows:

**Sec. 27-92 Parking prohibited – On certain streets or parts of streets.**

It shall be unlawful for any person to cause or permit any motor vehicle registered in his/her name to be unlawfully parked as set out in this Section.

*Vichy Road*, on the east side, from a point one hundred fifteen feet south of the intersection of Bishop Avenue (Highway 63) and Vichy Road to a point one hundred thirty feet north of the intersection of Vichy Road and Vienna Road.

*Vichy Road*, on the east side, from a point two hundred nine feet south of the intersection of Vichy Road and Roseglade Road to a point two hundred sixty feet north of the intersection of Vichy Road and Roseglade Road.

*Vichy Road*, on the east side, from a point two hundred feet south of the intersection of Vichy Road and Meadowbrook Drive to a point one hundred fifty feet north of the intersection of Vichy Road and Meadowbrook Drive.

*Vienna Road*, on either side, from the intersection of Vienna Road and Vichy Road to the north city limits.

**Section 2:** That this ordinance shall be in full force and effect from and after the date of its passage and approval.

PASSED BY THE CITY COUNCIL OF THE CITY OF ROLLA, MISSOURI, AND APPROVED BY THE MAYOR THIS 17<sup>th</sup> DAY OF JANUARY 2017.

APPROVED:

\_\_\_\_\_  
MAYOR

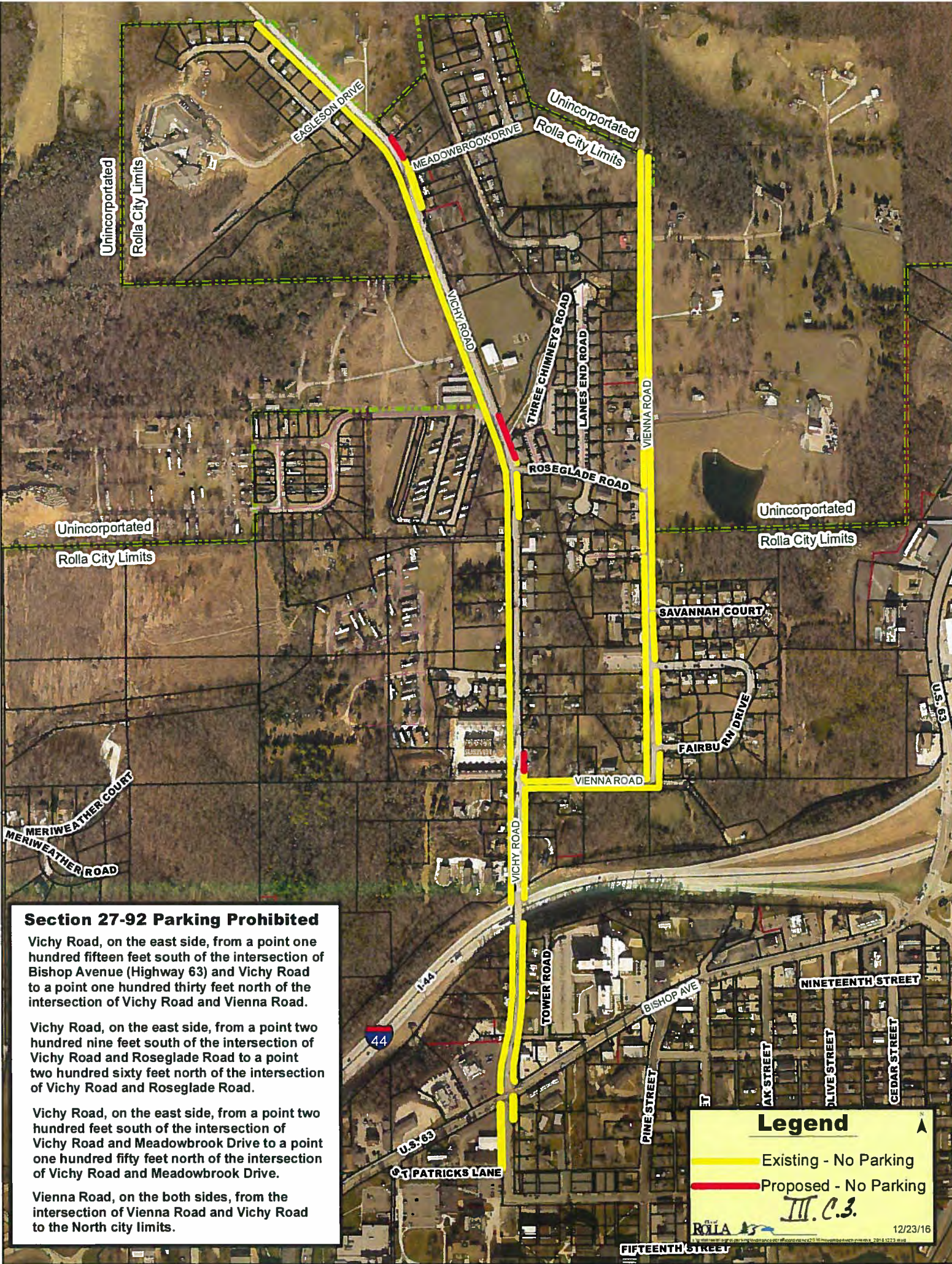
ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY COUNSELOR

*III. C. 2.*



**Section 27-92 Parking Prohibited**

Vichy Road, on the east side, from a point one hundred fifteen feet south of the intersection of Bishop Avenue (Highway 63) and Vichy Road to a point one hundred thirty feet north of the intersection of Vichy Road and Vienna Road.

Vichy Road, on the east side, from a point two hundred nine feet south of the intersection of Vichy Road and Roseglade Road to a point two hundred sixty feet north of the intersection of Vichy Road and Roseglade Road.

Vichy Road, on the east side, from a point two hundred feet south of the intersection of Vichy Road and Meadowbrook Drive to a point one hundred fifty feet north of the intersection of Vichy Road and Meadowbrook Drive.

Vienna Road, on the both sides, from the intersection of Vienna Road and Vichy Road to the North city limits.

**Legend**

— Existing - No Parking

— Proposed - No Parking

*III. C.3.*

ROLLA MISSOURI

12/23/16

CITY OF ROLLA  
CITY COUNCIL AGENDA

DEPARTMENT HEAD: Steve Hargis

ACTION REQUESTED: Ordinance Final Reading

ITEM/SUBJECT: HNTB  
Westside Transportation Master Plan Agreement

BUDGET APPROPRIATION (IF APPLICABLE) DATE: 01/17/17

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COMMENTARY:

Attached is Amendment #3 – Westside Transportation Master Plan Agreement with HNTB. This task is for the final design, bid documents and construction support services for the planned extension of Route 72.

This agreement covers all professional services to construct this project except daily construction observation and management. We are evaluating different alternatives for these services which may include an additional task order with HNTB.

Staff recommends approval of the ordinance authorizing the mayor to enter into the professional services agreement for Amendment #3 to Route 72 Extension Project.

ITEM NO. III. D. 1.

ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE AUTHORIZING THE MAYOR OF THE CITY OF ROLLA, MISSOURI TO EXECUTE ON BEHALF OF THE CITY OF ROLLA, MISSOURI AMENDMENT NO. 3 TO PROFESSIONAL SERVICES AGREEMENT BETWEEN THE CITY OF ROLLA, MISSOURI, AND HNTB CORPORATION.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROLLA, MISSOURI, AS FOLLOWS:

SECTION 1: That the Mayor of the City of Rolla, Missouri be and is hereby authorized and directed to execute on behalf of the City of Rolla, Missouri Amendment No. 3 to Professional Services Agreement between the City of Rolla, Missouri, and HNTB Corporation, a copy of said agreement being attached hereto and marked Exhibit A.

PASSED BY THE CITY COUNCIL OF THE CITY OF ROLLA, MISSOURI AND APPROVED BY THE MAYOR THIS 17<sup>th</sup> DAY OF JANUARY 2017.

APPROVED:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY COUNSELOR

III. 8.2.

**AMENDMENT NO. 3**  
**to**  
**PROFESSIONAL SERVICES AGREEMENT**

This Amendment No. 3 (the "Amendment") is entered into effective as of this 17th day of January, 2017, between CITY OF ROLLA, MISSOURI (Owner) and HNTB CORPORATION (HNTB).

WHEREAS, Owner and HNTB entered into a Professional Services Agreement dated February 17, 2015 whereby HNTB has contracted to perform professional services for Owner, generally described as Westside Transportation Master Plan (the "Project").

WHEREAS, Owner and Consultant desire to amend the Agreement to accommodate the addition of services and an increase in the fee under the Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and conditions in this Amendment and the Agreement, the receipt and sufficiency of which are hereby acknowledged; the parties hereto agree as follows:

1. Attachment A of the Agreement is hereby amended to include the scope of services attached hereto and incorporated into the Agreement by reference as Attachment A- Scope of Services.
2. Attachment B of the Agreement is hereby amended to include the schedule for the above-referenced scope of services attached hereto and incorporated into the Agreement by reference as Attachment B- Schedule.
3. Attachment C of the Agreement is hereby amended to include the approved compensation for the above-referenced scope of services attached hereto and incorporated into the Agreement by reference as Attachment C- Compensation.

**AND/OR ALTERNATE FEE ADDITION:**

2. In return for the performance of the foregoing obligations, Owner shall pay HNTB \$627,859.00 in US Dollars on a per Task basis as set forth on Attachment C, Budget attached hereto and made a part hereof. Accordingly, the total contract amount is increased to \$1,080,487.60 as follows:

Initial Contract Amount	\$149,465.10
Amendment No. 1	\$194,601.50
Amendment No. 2	\$93,562.00
Amendment 2 – Contingency	\$15,000.00
This Amendment No. 3	\$627,859.00
Revised Contract Total	<u>\$1,080,487.60</u>

4. Performance of the Additional Services identified herein is authorized by execution of this Amendment.
5. Except to the extent modified herein by this Amendment, all terms and conditions of the Agreement shall continue in full force and effect.

IN WITNESS WHEREOF, the parties have executed this Amendment effective as of the date first above written.

**CITY OF ROLLA, MISSOURI**  
 (Owner)

**HNTB CORPORATION**  
 (HNTB)

Signature \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

*III. 2.3.*

# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

#### Project Description:

Provide preliminary engineering (east of BNSF bridge only for preliminary engineering), right-of-way and final design for the extension of Ridgeview Road/Missouri Route 72 from just west of Bishop Avenue/US 63 approximately 3000 feet to provide connection to Kingshighway at Bridge School Road with a traffic signal. Improve Kingshighway/Missouri Route 72 through I-44 interchange to separate pedestrians from vehicular traffic. Evaluate traffic signal and intersection at the Route 72 and US 63 and provide geometric or signal improvements to improve traffic flow. Provide final structural design and coordination with BNSF for a proposed bridge to carry MO 72 over BNSF facilities.

#### Deliverables:

All deliverables will be provided in electronic format only, except for public meeting exhibits which will be plotted and mounted for public display.

- Route 72 extension and Kingshighway Traffic Design Needs memo
- Route 72 extension and US 63 conceptual assessment memo
- Preliminary Design Plans, Draft ROW Documents and Estimate
- Bridge Memo and TS&L
- Bridge Design Layout
- ROW Design Plans, Documents, and Estimate
- Public Meeting Exhibits
- Pre-Final Design Plans, Specifications, and Estimate
- Final Design Plans, Specifications, and Estimate – Including electronic data

#### Scope Items:

- 1.0 Preliminary Design Phase – Shall include preliminary design development (outside of traffic work) for only the portion of the corridor east of the proposed bridge over BNSF Railroad.
  - 1.1 Traffic
    - 1.1.1 Route 72 extension and Kingshighway Traffic Design Needs – The consultant will utilize Synchro traffic models previously developed to assess the Route 72 extension and Kingshighway intersection during the AM and PM peak hours. The results of the detailed operational analysis will be a traffic memo that outlines the storage bay needs to meet design year traffic demands. In addition, traffic signal timing will be

# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

developed. Traffic signal design is provided under a separate task. These results will be documented in a brief technical memorandum. Specific sub tasks are as follows.

1.1.1.1 Calculate storage bay needs

1.1.1.2 Develop signal timing

1.1.1.3 Document results

1.1.2 Hwy 72 Bypass and US 63 Conceptual Assessment – The purpose of this task is to assess whether the existing Route 72 extension and US 63 intersection will need any modifications as a result of the Route 72 extension opening. The consultant will use previously collected traffic data for the study intersection from the Move Rolla study. The previously developed traffic models will be used to assess the Route 72 extension and Kingshighway intersection during the AM and PM peak hours in the existing year and 2040 design year.

The results of the conceptual intersection operational analysis will be documented in a traffic memo that outlines the existing and future peak hour intersection geometric needs. Specific sub tasks are as follows:

1.1.2.1 Analyze existing intersection

1.1.2.2 Analyze future intersection

1.1.2.3 Document results

#### 1.2 Roadway

1.2.1 Refine horizontal geometry for MO 72 including edge of pavement, curb lines, sidewalk, and tie-ins.

1.2.2 Develop horizontal geometry for cul-de-sac.

1.2.3 Modify and update vertical geometry for MO 72 per survey.

1.2.4 Develop vertical geometry for cul-de-sac.

1.2.5 Develop cross slope and/or super transitions including tie-in with Ridgeview Rd.

1.2.6 Develop preliminary retaining wall alignments. Assume 1 wall location (small block wall along north side of Ridgeview Rd.)

1.2.7 Create preliminary surface model and roadway template.

1.2.8 Assess impacts to properties and modify grading at determined locations.

1.2.9 Assist City in Draft BNSF agreement

1.2.10 Senior technical review of roadway design.

# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

- 1.3 Preliminary Drainage Design – Perform preliminary drainage design to determine location of stormsewer inlets, cross road culvert layout and preliminary size, and open drainage needs to determine need for ROW and easements.
  - 1.4 Utility Coordination – Task includes coordination with all utilities within the corridor to assist the City in developing agreements for relocations, facilitation of utility meetings to clear the corridor of utility conflicts.
  - 1.5 Preliminary Bridge Design – Refine design based on comments received from BNSF RR and prepare revised TS&L Drawings and bridge memo for concurrence with BNSF.
- 2.0 Preliminary Plan Documents
- 2.1 Traffic
  - 2.2 Roadway
    - 2.2.1 Title Sheet
    - 2.2.2 Typical Sections
    - 2.2.3 Roadway Plan and Profile drawings include:
      - 2.2.3.1 Topographic info
      - 2.2.3.2 Property lines and ownership, ex. Easements, ROW
      - 2.2.3.3 Existing utilities
      - 2.2.3.4 Proposed Improvements
        - 2.2.3.4.1 Roadway Geometrics and Profile
        - 2.2.3.4.2 Side road connections
        - 2.2.3.4.3 Location and size of drainage facilities (no profiles)
        - 2.2.3.4.4 Construction limits/Tentative ROW lines
  - 2.3 Signal
    - 2.3.1 Develop Preliminary Traffic Signal Plans (Assume 1 new signal and 1 modification of existing signal)
    - 2.3.2 QA/QC Review of Preliminary Signal Plans
- 3.0 ROW Design Phase
- 3.1 Traffic
  - 3.2 Roadway
    - 3.2.1 Refine design to establish ROW and Easement needs for improvements as well as utilities.
    - 3.2.2 Update preliminary surface models and develop cross sections.



# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

- 3.2.3 Develop Preliminary construction quantities.
  - 3.2.4 Develop Preliminary construction costs – Update cost estimate based on preliminary design for Route 72 extension within the limits of the preliminary design corridor.
  - 3.2.5 Develop conceptual MOT plan to determine possible easements.
- 4.0 ROW Plans & Documents
- 4.1 Traffic
  - 4.2 Roadway
    - 4.2.1 Title Sheet
    - 4.2.2 Typical Sections
    - 4.2.3 Plan/Profile Sheets include updated linework from preliminary design plus:
      - 4.2.3.1 Proposed ROW, permanent and temporary Easements including areas
      - 4.2.3.2 Title Search information
      - 4.2.3.3 Survey Ties
    - 4.2.4 Develop survey reference sheets
    - 4.2.5 Drainage plans
    - 4.2.6 Cross road culvert profiles and storm sewer profiles
    - 4.2.7 Utility relocation plans
    - 4.2.8 ROW Cross Sections showing location of proposed easements and ROW
    - 4.2.9 Plat and Legal Descriptions for ROW takes, permanent and temporary easements.
    - 4.2.10 Land disturbance/stormwater permitting documents
    - 4.2.11 ROW Quality Assurance.
    - 4.2.12 ROW Field Check
- 5.0 Final Design Phase
- 5.1 Traffic - None
  - 5.2 Roadway
    - 5.2.1 Finalize design to reflect changes from ROW negotiations.
    - 5.2.2 Finalize cross slope and/or super transitions including tie-ins
    - 5.2.3 Finalize surface model and cross sections.
    - 5.2.4 Final MOT design

# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

- 5.2.5 Finalize retaining wall alignments. Assume 2 wall location (small block wall along north side of Ridgeview Rd., MSE wall along west side of Bridge School Rd.)
- 5.2.6 Assist City with Final BNSF Agreement
- 5.2.7 Develop contract documents - instructions, front end specs, special provisions.
- 5.2.8 Develop Final construction quantities.
- 5.2.9 Develop Final construction cost estimate.
- 5.2.10 Make updates per Pre-Final plan review.
- 5.2.11 Develop exhibits for public meeting
- 5.2.12 Senior technical review of roadway design.
  
- 5.3 Bridge
  - 5.3.1 Final Bridge Design of Route 72/Ridgeview Road over BNSF assumed to be a three-span continuous prestressed girder and single stage construction design.
    - 5.3.1.1 Superstructure (3 spans assumed) Design – Details of design elements shown in Exhibit B.
    - 5.3.1.2 Substructure (2 abutments and 2 bents assumed) Design – Details of design elements shown in Exhibit B.
  - 5.3.2 Final Bridge Design to add a non-crash tested, reinforced concrete barrier section to separate roadway traffic from pedestrian walkway (on existing bridge deck surface) of the existing Kingshighway bridge over I-44. It is assumed the barrier section will be small enough to not require structural analysis of existing bridge to carry its weight.
    - 5.3.2.1 Develop Barrier Details
    - 5.3.2.2 Develop Pedestrian Fence Details
  
- 6.0 Pre-Final Plans
  - 6.1 Traffic
  - 6.2 Roadway
    - 6.2.1 Title Sheet
    - 6.2.2 Typical Sections
    - 6.2.3 Quantity Summary Sheets
    - 6.2.4 Plan/Profile Sheets
    - 6.2.5 Control Points

# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

- 6.2.6 Geometry Sheets for Construction Layout
- 6.2.7 Intersection Layout/Warping Plans
- 6.2.8 Driveway/Entrance Detail Sheets
- 6.2.9 ADA Details – Application of Details
- 6.2.10 Wall Plan/Profile Sheets
- 6.2.11 MOT and Staging Plans including: standard details, typical sections, descriptions of construction sequence, traffic control restrictions, overall general traffic control plan, phased traffic control plan sheets, overall detour route plan
- 6.2.12 Drainage plans
- 6.2.13 Culvert and Stormsewer Profiles
- 6.2.14 Utility Relocation Plans
- 6.2.15 Lighting Plans
- 6.2.16 Signing Plans
- 6.2.17 Pavement Marking Plans
- 6.2.18 Special Construction Detail sheets
- 6.2.19 Roadway Cross Sections
- 6.2.20 Pre-Final Quality Assurance
- 6.2.21 Final Field Check
- 6.3 Signal
  - 6.3.1 Develop Final Traffic Signal Plans (Assume 1 new signal and 1 modification of existing signal)
  - 6.3.2 Develop Wiring Diagrams & Quantity Tables per MODOT Standards
  - 6.3.3 QA/QC Review of Final Signal Plans
- 6.4 Bridge
  - 6.4.1 Route 72/Ridgeview Road over BNSF Bridge Plans
    - 6.4.1.1 QA
    - 6.4.1.2 Title Sheet
    - 6.4.1.3 General Plan and Elevation
    - 6.4.1.4 General Notes and Estimated Quantities
    - 6.4.1.5 Substructure Layout
    - 6.4.1.6 Boring Data
    - 6.4.1.7 End Bents
    - 6.4.1.8 Vertical drain at end bents
    - 6.4.1.9 Intermediate Bents
    - 6.4.1.10 Drilled Shafts and Rock Sockets

# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

- 6.4.1.11 Framing Plan
- 6.4.1.12 Girder Elevation
- 6.4.1.13 Camber, TBOS, Haunches
- 6.4.1.14 Steel Intermediate Diaphragms
- 6.4.1.15 Bent Diaphragms
- 6.4.1.16 Precast prestressed deck panels
- 6.4.1.17 Slab Plan
- 6.4.1.18 Typical Section
- 6.4.1.19 Slab Pour Sequence & Curve Ordinates
- 6.4.1.20 Safety Barrier Curb
- 6.4.1.21 Barrier Curb at Wingwall
- 6.4.1.22 Optional Slip-Form Bridge Safety Barrier Curb
- 6.4.1.23 Fence Details
- 6.4.1.24 Approach Slab
- 6.4.1.25 Bar Bending Diagrams
- 6.4.1.26 Bill of Reinforcing Steel
- 6.4.1.27 As-built pile and drilled shaft data
- 6.4.1.28 Quantities, cost estimate, workday study
  
- 6.4.2 Existing I-44 Bridge Plans
  - 6.4.2.1 QA
  - 6.4.2.2 Title Sheet
  - 6.4.2.3 General Plan and Elevation
  - 6.4.2.4 General Notes and Estimated Quantities
  - 6.4.2.5 Barrier Details
  - 6.4.2.6 Pedestrian Fence Details
  - 6.4.2.7 Miscellaneous Details
- 6.4.3 Special Provisions
- 6.4.4 Submittal Preparation
  
- 7.0 Final Plans
  - 7.1 Traffic - None
  - 7.2 Roadway
    - 7.2.1 Plan Revisions for Bid Set
    - 7.2.2 Specification Revisions for Bid Set
    - 7.2.3 Electronic Information for Contractor Bidding

# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

#### 7.2.4 Final PS&E Quality Assurance

#### 8.0 Bid Support –

- 8.1 Traffic - None
- 8.2 Roadway
  - 8.2.1 RFI's during bidding (assume 20)
  - 8.2.2 Pre-bid meeting
  - 8.2.3 Bid evaluation
- 8.3 Bridge
  - 8.3.1 Pre-bid meeting
  - 8.3.2 Bid phase support

#### 9.0 Construction Services

- 9.1 Traffic
- 9.2 Roadway
  - 9.2.1 RFI's and Shop Drawing Review
- 9.3 Bridge
  - 9.3.1 On-site Field Visits (2 total)
  - 9.3.2 Shop Drawing Review
    - 9.3.2.1 Prestressed Girders
    - 9.3.2.2 Prestressed Deck Panels
    - 9.3.2.3 MSE Walls
  - 9.3.3 RFI's

#### 10.0 Management

- 10.1 Traffic
  - 10.1.1 MoDOT/City Coordination - The Highway 72 Bypass has been in varying stages of planning since 2007 and was identified at least a decade before that. As a result, the consultant will be needed to answer questions that arise from the City or MoDOT. Therefore, the consultant has included hours for coordination with the City and MoDOT. One in-person meeting has been assumed. Specific sub tasks are as follows:
    - 10.1.1.1 Coordination with City and MoDOT
    - 10.1.1.2 In-Person Meeting with City and MoDOT

# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

- 10.2 Roadway
  - 10.2.1 Project Admin – contracts, invoicing, project review meetings
  - 10.2.2 Subconsultant Coordination
  - 10.2.3 Project Coordination and Meetings
    - 10.2.3.1 Teleconference status meetings – bi-weekly
    - 10.2.3.2 Site Visit/Survey Field Check
    - 10.2.3.3 Public meetings – 1 meeting
    - 10.2.3.4 Railroad Coordination
    - 10.2.3.5 Utility coordination – Preliminary Engineering Meeting, Final Plan Meeting.
    - 10.2.3.6 Developer Coordination – 2 meetings assumed
    - 10.2.3.7 MoDOT Coordination – participate in teleconferences, 6 additional coordination meeting including field check.
  - 10.2.4 Quality Management

**Standards:** HNTB shall use the latest version of the following publications as applicable to determine the design criteria and procedures which will be followed for development of the project:

- MoDOT "Engineering Policy Guide (EPG),"
- AASHTO's "Manual on Uniform Traffic Control Devices" (MUTCD)
- AASHTO's "A Policy on Geometric Design of Highways and Streets"
- "Missouri Standard Specifications for Highway Construction"
- AASHTO's LRFD Bridge Design Specifications
- "Missouri Standard Plans"
- "Missouri Department of Transportation Specifications for Computer Deliverable Contract Plans"
- City of Rolla Standard Drawings
- Any other standards agreed upon by the City and HNTB that are deemed acceptable by the City for use in preparation of construction documents.

#### **Assumptions:**

The following represents assumptions that are documented related to the scope of services.

#### Traffic

- No new Route 72 analysis will be performed outside of the two intersections identified in the scope of services.

# Route 72 Extension

## Preliminary, ROW, and Final Design

### Attachment A - Scope of Services

12/22/2015

- No time has been included to address MoDOT comments on the traffic impact study previously submitted.
- Traffic data used for analysis will come from the Move Rolla study. No new traffic data will be collected.

#### Roadway

- All Permit fees will be paid for by the City
- The City will be responsible for providing electronic bidding and any hard copies of plans requested by potential bidders.
- The City will be responsible for demolition of all existing structures that are acquired and associated asbestos testing and removal.
- The City will prepare the agreement with BNSF Railroad, HNTB will provide assistance related to design of structure, construction sequencing, and exhibits for inclusion in agreement.
- All cross road culverts are assumed to be standard reinforced concrete pipe, and therefore the scope does not include structural engineering of box culverts.
- Construction documents will reference Standard Plans (See Standards) but will not actually include the standard drawing in the construction documents. Bidders will be provided a website address for accessing all Standards referenced in construction documents.
- The City anticipates utilizing MoDOT standard specifications and front end specifications and bidding instructions. HNTB will be responsible for specific job special provisions and provide assistance to the City in editing of front end specifications and bidding instructions for items only related to the anticipated work description.
- The current scope does not include ROW staking, if the City desires to provide ROW staking services these will be performed on an hourly basis as an additional fee.

#### Bridge

- Excludes steel girder shop drawing review (steel girders are not anticipated to be used for structure.)
- MoDOT will accept a non-crash tested reinforced concrete barrier section as being sufficient to separate roadway traffic from pedestrian area.

**Route 72 Extension**  
**Preliminary, ROW, and Final Design**  
**Attachment B - Schedule**

12/22/2015

Notice to Proceed – January 17, 2017

ROW Plans, Plats and Legal Descriptions and Engineers Estimate – March 20, 2017

Pre-Final Plans, Specifications and Engineers Estimate - June 1, 2017

Bid Documents – June 28, 2017

Construction Support Services Complete (Limited to RFI's and Shop Drawings) – December 31, 2018



**Route 72 Extension**  
**Preliminary, ROW, and Final Design**  
**Attachment C - Compensation**

12/22/2015

For performing the Services identified within Attachment A – Scope of Services, the City of Rolla shall pay HNTB an additional lump sum amount of \$627,859 HNTB may alter the compensation distribution between individual phases, task or work assignments to be consistent with the Services actually rendered, within the total lump sum amount.

The lump sum includes compensation for the Services, subconsultant costs, if any, and appropriate factors for labor, overhead, profit, and Reimbursable Expenses.

**Design Fee Estimate - ATTACHMENT C - COMPENSATION**  
**City of Rolla - Preliminary, ROW and Final Design**  
**Rolla, Missouri**  
**HNTB Project No.: 63036**

**FEE SUMMARY**

<b>1.0 Preliminary Design Phase</b>		<b>\$67,020</b>
Traffic	\$18,364	
Roadway	\$24,360	
Bridge	\$9,296	
Subconsultant (CM Archer)	\$15,000	
<b>2.0 Preliminary Plans</b>		<b>\$29,655</b>
Roadway	\$21,199	
Signal	\$8,457	
<b>3.0 ROW Design Phase</b>		<b>\$82,162</b>
Roadway	\$22,482	
Subconsultant (CM Archer)	\$59,680	
<b>4.0 ROW Plans &amp; Documents</b>		<b>\$19,675</b>
Roadway	\$19,675	
<b>5.0 Final Design Phase</b>		<b>\$101,156</b>
Roadway	\$41,829	
Bridge	\$59,327	
<b>6.0 Pre-Final Plans</b>		<b>\$210,282</b>
Roadway	\$51,490	
Signal	\$12,536	
Bridge	\$88,031	
Subconsultant (CM Archer)	\$58,224	
<b>7.0 Final Plans</b>		<b>\$24,998</b>
Roadway	\$17,798	
Subconsultant (CM Archer)	\$7,200	
<b>8.0 Bidding</b>		<b>\$15,693</b>
Roadway	\$6,999	
Bridge	\$3,754	
Subconsultant (CM Archer)	\$4,940	
<b>9.0 Construction Services</b>		<b>\$24,936</b>
Roadway	\$4,634	
Bridge	\$16,702	
Subconsultant (CM Archer)	\$3,600	
<b>10.0 Management</b>		<b>\$49,662</b>
Traffic	\$9,052	
Roadway	\$25,970	
Subconsultant (CM Archer)	\$14,640	
<b>Labor Costs</b>		<b>\$625,239</b>
<b>Expenses</b>		
Traffic	\$600	
Roadway	\$1,500	
Signal	\$100	
Bridge	\$200	
Subconsultant	\$220	
<b>Expenses</b>		<b>\$2,620</b>
<b>TOTAL DESIGN FEE</b>		<b>\$627,859</b>
<b>HNTB DESIGN FEE</b>		<b>\$464,355</b>
<b>CM ARCHER DESIGN FEE</b>		<b>\$163,504</b>

CITY OF ROLLA  
CITY COUNCIL AGENDA

DEPARTMENT HEAD: Steve Hargis

ACTION REQUESTED: Motion

ITEM/SUBJECT: St. Pat's 2017

BUDGET APPROPRIATION

DATE: 01/17/2017

\*\*\*\*\*

COMMENTARY:

This year's St. Pat's celebration will include the use of festival lots as well as Rolla City Hall. St. Pat's Court will arrive Wednesday, March 15<sup>th</sup> at the downtown band shell. The annual St. Pat's Parade will take place on Pine Street Saturday, March 18<sup>th</sup> beginning at 10:00 a.m.

The following is a list of parking lot/street closures for this year's events.

Wednesday March 15

6:00 am to 10:00 pm Band Shell Festival Lot

Friday March 17

6:00 pm to Midnight Northeast Festival Lot  
Northwest Festival Lot

Saturday March 18

Midnight to 10:00 pm Northeast Festival Lot  
Northwest Festival Lot  
6:00 am to 10:00 pm Band Shell Festival Lot  
Public Parking Lot West of Caboose  
Elm Street from 9<sup>th</sup> to 10<sup>th</sup> Streets  
9<sup>th</sup> Street from Pine to Oak Streets  
1:00 pm to 10:00 pm Oak Street from 8<sup>th</sup> to 10<sup>th</sup> Streets

In addition to the above closures, Rolla City Hall will be used for band staging from 6:00 am to 10:00 pm on Saturday, March 18<sup>th</sup>. St. Pat's will provide security for the building.

Staff from the Rolla Police Department and Rolla Public Works will assist with street closures for both events.

Staff recommends approval.

ITEM NO. IV.A.1.