# ADDENDA COVER PAGE

The following Addenda have been currently released for this project, and are attached to this cover page:

- Addendum #1,  11/12/2024

Please stay tuned for additional Addenda, if any, for this project. This cover sheet will reflect additional Addenda and the attachments to this cover page will include any and all current Addenda as they are published.

**Note:** Contractor is required to acknowledge receipt of all Addenda. Acknowledgement of addenda (addendum number and date of receipt) shall be recorded within the submitted bidder's forms within the sealed envelope, easily visible so they may be recognized and recorded at the bid opening. Failure to acknowledge receipt could result in Contractor not being recommended for award of contract.

# ADDENDUM # 1

TO THE DRAWINGS AND SPECIFICATIONS FOR:
**Route K and N Improvements J6S3668/CMAQ 7302(696)**
City of O'Fallon, Missouri
100 North Main Street
O'Fallon, Missouri 63366

NOVEMBER 12, 2024

City of O'Fallon, Missouri
100 North Main Street
O'Fallon, MO 63366
636-379-5492
636-978-4144 Fax
E-mail: tjkelley@ofallonmo.gov

## INFORMATION

The following items have been amended for the Route K and N Improvements Project Specifications:

- **Bid Form** – Has been updated to reflect the correct signal poles and quantities. Revised bid form and plan sheet 41 are attached to this addendum.
- **Question** – Bid doc states there is a bidder's questionnaire to be completed in the bid book, could not find questionnaire.
  - **Answer** – Questionnaire was not placed in the bid book. Therefore, it will not be required and should not be completed. Bidder will need to be a MoDOT approved contractor to bid.
- **Question** – Could not find DBE percentage.
  - **Answer** – DBE percentage is on Page 14. DBE goal is 8%.

Please ensure your bids comply with this addendum, as noted in the forms accompanying this notice.

**END OF ADDENDUM**

BID FORM
Route K and Route N Improvements - J6S3668
City of O'Fallon, MO

|  | ITEM NO. | DESCRIPTION | UNITS | QUANTITY | UNIT PRICE | EXTENSION |
|---|---|---|---|---|---|---|
| **ROADWAY ITEMS** | | | | | | |
| 1 | 2022010 | REMOVAL OF IMPROVEMENTS | L.S. | 1.0 | | |
| 2 | 2031000 | CLASS A EXCAVATION | C.Y. | 1808.1 | | |
| 3 | 3040504 | TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) | S.Y. | 3804.8 | | |
| 4 | 5021110 | CONCRETE PAVEMENT (10 IN. NON-REINF) | S.Y. | 3251.7 | | |
| 5 | 6044011 | PIPE COLLAR, TYPE A | EACH | 1.0 | | |
| 6 | 6083008 | CONCRETE MEDIAN | S.Y. | 296.6 | | |
| 7 | 6085008 | PAVED APPROACH, 8 IN. | S.Y. | 134.2 | | |
| 8 | 6091041 | CONCRETE GUTTER TYPE A | L.F. | 18.0 | | |
| 9 | 6091052 | CURB AND GUTTER TYPE B | L.F. | 1208.0 | | |
| 10 | 6092021 | INTEGRAL CURB (OVER 6 IN. HEIGHT) TYPE A | L.F. | 150.0 | | |
| 11 | 6169902 | CHANGEABLE MESSAGE SIGN, CONTRACTOR FURNISHED AND RETAINED | EACH | 4.0 | | |
| 12 | 6169901 | LUMP SUM TRAFFIC CONTROL | L.S. | 1.0 | | |
| 13 | 6181000 | MOBILIZATION | L.S. | 1.0 | | |
| 14 | 6274000 | CONTRACTOR FURNISHED SURVEYING AND STAKING | L.S. | 1.0 | | |
| 15 | 7261018 | 18 IN. PIPE GROUP A | L.F. | 767.0 | | |
| 16 | 7261024 | 24 IN. PIPE GROUP A | L.F. | 14.0 | | |
| 17 | 7311022 | MODOT TYPE A 2' X 2' GRATE INLET | EACH | 1.0 | | |
| 18 | 7311042 | MODOT TYPE A 4' X 2' GRATE INLET | EACH | 3.0 | | |
| 19 | 7319902 | MSD 2-GRATE INLET WITH SIDE INTAKE | EACH | 1.0 | | |
| 20 | 7319902 | INLET ADJUSTMENTS | EACH | 2.0 | | |
| 21 | 8051000A | SEEDING - COOL SEASON GRASSES | AC | 1.4 | | |
| 22 | 8061007A | CURB INLET CHECK | EACH | 11.0 | | |
| 23 | 8061016 | SEDIMENT REMOVAL | C.Y. | 28.0 | | |
| 24 | 8061019 | SILT FENCE | L.F. | 2832.5 | | |
| | | **ROADWAY ITEMS SUBTOTAL** | | | | |
| **PEDESTRIAN ITEMS** | | | | | | |
| 25 | 6081010 | CONCRETE CURB RAMP | S.Y. | 35.8 | | |
| 26 | 6081012 | TRUNCATED DOMES | S.F. | 195.0 | | |
| 27 | 6086004 | CONCRETE SIDEWALK, 4 IN. | S.Y. | 477.1 | | |
| | | **PEDESTRIAN ITEMS SUBTOTAL** | | | | |
| **LIGHTING ITEMS** | | | | | | |
| 28 | 9011064 | LIGHTING POLE, 45 FT. OR 13.5 M, TYPE AT DESIGN 3 | EACH | 4.0 | | |
| 29 | 9011115 | BRACKET ARM, 15' OR 4.6 M | EACH | 4.0 | | |
| 30 | 9011311 | LUMINAIRE, LED-A | EACH | 4.0 | | |
| 31 | 9016112 | PULL BOX, PREFORMED CLASS 3 | EACH | 4.0 | | |
| 32 | 9017110 | CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET | L.F. | 510.0 | | |
| 33 | 9018245 | POLE FOUNDATION (45 FT. OR 13.5 M MOUNTING HEIGHT) | EACH | 4.0 | | |
| | | **LIGHTING ITEMS SUBTOTAL** | | | | |
| **SIGNAL/ITS ITEMS** | | | | | | |
| 34 | 9020213 | SIGNAL HEAD, TYPE 3S | EACH | 2.0 | | |
| 35 | 9020513 | SIGNAL HEAD, TYPE 3B | EACH | 14.0 | | |
| 36 | 9022708 | POST, SIGNAL 8 FT. | EACH | 3.0 | | |
| 37 | 9023150 | POST, TYPE CL, 50 FT. ARM OR 15.2 M ARM | EACH | 1.0 | | |
| 37A | 9023250 | POST, TYPE C, 50 FT. ARM or 15.2 M ARM | EACH | 1.0 | | |
| 38 | 9023240 | POST, TYPE C, 40 FT. ARM OR 12.2 M ARM | EACH | ~~2.0~~ 1.0 | | |
| 39 | 9023245 | POST, TYPE C, 45 FT. ARM OR 13.7 M ARM | EACH | 1.0 | | |
| 40 | 9025200 | CONDUIT, 2 IN., TRENCH WITH TRACER WIRE | L.F. | 320.0 | | |
| 41 | 9025300 | CONDUIT, 3 IN., TRENCH WITH TRACER WIRE | L.F. | 90.0 | | |
| 42 | 9027200 | CONDUIT, 2 IN., PUSHED WITH TRACER WIRE | L.F. | 890.0 | | |
| 43 | 9027300 | CONDUIT, 3 IN., PUSHED WITH TRACER WIRE | L.F. | 400.0 | | |
| 44 | 9028208 | CABLE, 8 AWG 1 CONDUCTOR, POWER | L.F. | 190.0 | | |
| 45 | 9028302 | CABLE, 12 AWG 2 CONDUCTOR | L.F. | 1850.0 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 46 | 9028308 | CABLE, 16 AWG 2 CONDUCTOR | L.F. | 1330.0 | | |
| 47 | 9028310 | CABLE, 16 AWG 5 CONDUCTOR | L.F. | 1360.0 | | |
| 48 | 9028311 | CABLE, 16 AWG 7 CONDUCTOR | L.F. | 4040.0 | | |
| 49 | 9028820 | PULL BOX, CONCRETE, STANDARD | EACH | 4.0 | | |
| 50 | 9028821 | PULL BOX, CONCRETE, DOUBLE, TYPE A | EACH | 1.0 | | |
| 51 | 9029100 | BASE, CONCRETE | C.Y. | 16.4 | | |
| 52 | 9029401 | TEMPORARY TRAFFIC SIGNALS AND LIGHTING | L.S. | 1.0 | | |
| 53 | 9029407 | TEMPORARY TRAFFIC DETECTION, VIDEO DETECTION SYSTEM | L.S. | 1.0 | | |
| 54 | 9029901 | TRAFFIC SIGNAL MAINTENANCE & PROGRAMMING | L.S. | 1.0 | | |
| 55 | 9029902 | COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE 1S | EACH | 6.0 | | |
| 56 | 9029902 | RELOCATE EXISTING LED STREET NAME SIGNS | EACH | 4.0 | | |
| 57 | 9029902 | NETWORK CONNECTED SIGNAL MONITOR | EACH | 1.0 | | |
| 58 | 9029902 | AUDIBLE PEDESTRIAN PUSHBUTTON AND SIGNING WITH VERBAL WALK MESSAGE | EACH | 6.0 | | |
| 59 | 9029902 | SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM | EACH | 1.0 | | |
| 60 | 9029902 | COMBINATION PAD MOUNTED 120V/240V POWER SUPPLY AND LIGHTING CONTROLLER WITH U | EACH | 1.0 | | |
| 61 | 9035004A | SH-FLAT SHEET | S.F. | 154.0 | | |
| 62 | 9039902 | SIGN RELOCATION | EACH | 2.0 | | |
| 63 | 9109902 | ITS PULL BOX WITH CONCRETE PAD, PREFORMED CLASS 5 | EACH | 1.0 | | |
| 64 | 9109902 | CCTV CAMERA ASSEMBLY | EACH | 1.0 | | |
| 65 | 9109902 | INSTALL CCTV CAMERA ASSEMBLY | EACH | 1.0 | | |
| 66 | 9109903 | CCTV CAMERA CABLE | EACH | 150.0 | | |
| 67 | 9109902 | REMOVE IN-PAVEMENT WIRELESS DETECTION SYSTEM PER INTERSECTION | EACH | 1.0 | | |
| 68 | 9109902 | MODOT BURIED CABLE DRIVEABLE DELINEATOR POST | EACH | 2.0 | | |
| 69 | 9109902 | FIBER OPTIC FUSION SPLICE | EACH | 30.0 | | |
| 70 | 9109902 | FIBER OPTIC PIGTAIL | EACH | 20.0 | | |
| 71 | 9109902 | FIBER OPTIC JUMPER | EACH | 12.0 | | |
| 72 | 9109902 | RACK-MOUNTED INTERCONNECT CENTER | EACH | 1.0 | | |
| 73 | 9109902 | RACK-MOUNTED SPLICE ENCLOSURE | EACH | 1.0 | | |
| 74 | 9109902 | RACK-MOUNTED PATCH PANEL ENCLOSURE | EACH | 1.0 | | |
| 75 | 9109902 | INSTALL COMMISSION FURNISHED TRAFFIC SIGNAL CONTROLLER | EACH | 1.0 | | |
| 76 | 9109902 | INSTALL MODOT FURNISHED IP-ADDRESSABLE POWER STRIP | EACH | 1.0 | | |
| 77 | 9109903 | RELOCATE FIBER OPTIC CABLE, 24 STRAND, SINGLE MODE | L.F. | 250.0 | | |
| | **SIGNAL/ITS ITEMS SUBTOTAL** | | | | | |
| **STRIPING ITEMS** | | | | | | |
| 78 | 6200015 | PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE | L.F. | 162.0 | | |
| 79 | 6200021 | PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW | EACH | 25.0 | | |
| 80 | 6200042 | PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12 IN. WHITE, YIELD LINE TRIANGLES | EACH | 94.0 | | |
| 81 | 6205902A | 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS | L.F. | 4673.0 | | |
| 82 | 6205901A | 4 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS | L.F. | 5389.7 | | |
| 83 | 6206108A | 8 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS | L.F. | 448.0 | | |
| **STRIIPING ITEMS SUBTOTAL** | | | | | | |
| | | | **TOTAL:** | | | |

TOTAL BID (BASE BID) NUMBERS: _____

TOTAL BID (BASE BID) WRITTEN: _____

# LOCATION / BASE / PULL BOX / POST

| POST NUMBER | PULL BOX NUMBER | APPROACH | STATION | OFFSET | BASE A | BASE F | BASE C | CONCRETE** (CU. YDS.) | PREFORMED CONCRETE PULL BOX | DRAIN TYPE* | TOP MOUNT POST | POST TYPE C & CL ARM LENGTH | SIGNAL SPACING | SIGN SPACING | POST TYPE B & BL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ROUTE K | CONTROLLER | (AS REQ'D) | | | | 1.95 | | | | | | | |
| 1 | | ROUTE K | 19+48 | 50.0'RT | 1 | | | 3.27 | | | | 50 | 14 12 12 12 9 | | |
| 2 | | ROUTE K | 19+42 | 26.4'LT | 1 | | | 3.27 | | | | 40 | 16 12 12 12 11 | | |
| 3 | | ROUTE K | 20+44 | 39.5'LT | 1 | | | 3.27 | | | | 50 | 14 12 12 12 9 | | |
| 4 | | ROUTE K | 20+61 | 42.6'RT | 1 | | | 3.27 | | | | 45 | 21 12 12 16 | | |
| 1A | | ROUTE K | 19+39 | 41.7'RT | | | 1 | 0.44 | | 1 | | | | | |
| 2A | | ROUTE K | 19+52 | 38.5'LT | | | 1 | 0.44 | | 1 | | | | | |
| 3A | | ROUTE K | 20+56 | 25.5'LT | | | 1 | 0.44 | | 1 | | | | | |
| | 1 | ROUTE K | 19+48 | 42.7'RT | | | | | 1 | 1 | | | | | |
| | 2 | ROUTE K | 19+51 | 26.7'LT | | | | | 1 | 1 | | | | | |
| | 3 | ROUTE K | 20+45 | 26.7'LT | | | | | 1 | 1 | | | | | |
| | 4 | ROUTE K | 20+47 | 42.7'RT | | | | | 1 | 1 | | | | | |
| | 5 | ROUTE K | 19+19 | 118.8'RT | | | | | | 1 | | | | | |
| | L1 | ROUTE K | 19+16 | 112.0'RT | | | | | 1 1 | 1 | | | | | |
| | L2 | ROUTE K | 19+30 | 79.6'LT | | | | | 1 1 | 1 | | | | | |
| | L3 | ROUTE K | 21+10 | 52.2'LT | | | | | 1 1 | 1 | | | | | |
| | L4 | ROUTE K | 20+69 | 116.9'RT | | | | | 1 1 | 1 | | | | | |
| | I1 | ROUTE K | 19+03 | 106.4'RT | | | | | 1 | 1 | | | | | |
| | I3 | ROUTE K | 21+36 | 73.1'RT | | | | | | 1 | | | | | |
| | | SUBTOTAL | | | 16.35 | | | | 4 1 1 4 1 | 3 | 2 1 1 | | | | |
| | | TOTAL | | | 16.35 | | | | 4 1 1 4 1 | 3 | 2 1 1 | | | | |

# SIGNAL HEADS

| SPAN NUMBER | POST NUMBER | FACE NUMBER | INDICATIONS * 12" LENS CONVENTIONAL | VISORS 12" LENS | PED. | LOUVERS | BACKPLATE LENSES | RETROREFLECTIVE BACKPLATE LENSES | BRACKET TYPE | ONE-FACE SECTION | TWO-FACE SECTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 51 | 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 1 | 21 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 1 | 22 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 1 | 23 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 2 | 31 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 2 | 32 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 2 | 81 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 2 | 82 | 1 1 1 | 3 | | | 1 | 1 | 1 | 1 | |
| | 3 | 11 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 3 | 61 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 3 | 62 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 3 | 63 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 4 | 71 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 4 | 72 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 4 | 41 | 1 1 1 | 3 | | | | 1 | 1 | 1 | |
| | 4 | 42 | 1 1 1 | 3 | | | 1 | 1 | 1 | 1 | |
| 1A/2 | 2A/B | | 2 | 2 | | | | | | | |
| 2A/3 | 8A/B | | 2 | 2 | | | | | | | |
| 3A/4 | 6A/B | | 2 | 2 | | | | | | | |

| | . | 1- | 3- | 4- | 5- |
|---|---|---|---|---|---|
| SUBTOTAL OPTICALLY LIMITED | | | | | |
| SUBTOTAL CONVENTIONAL | | | 2 14 | | |
| SUBTOTAL COMBINATION OL & CONV | | | | | |
| TOTAL OPTICALLY LIMITED | | | | | |
| TOTAL CONVENTIONAL | | | 2 14 | | |
| TOTAL COMBINATION OL & CONV | | | | | |

# SPAN WIRE POLES

| POST NUMBER | WOOD CLASS IV | STEEL (A10 BASE REQUIRED) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| SUBTOTAL | | |
| TOTAL | | |

# SPAN WIRE CABLE SPANS

| SPAN NUMBER | FROM POST | TO POST | SINGLE MESSENGER ASSEMBLY (LIN. FT.) | MESSENGER ASSEMBLY WITH TETHER (LIN. FT.) |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| SUBTOTAL | | | | |
| TOTAL | | | | |

## REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

MO ROUTE K AT MO ROUTE N

INTERSECTION
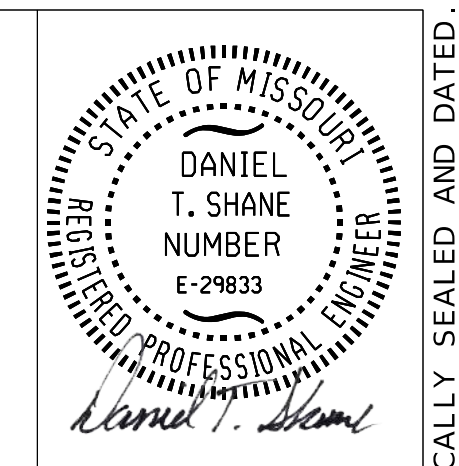
## LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT
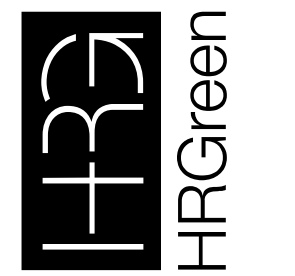
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

D-37A