

Steven V. Stenger  
County Executive

Saint Louis  
**COUNTY**  
HIGHWAYS & TRAFFIC  
PUBLIC WORKS

Stephanie Leon Streeter, P.E.  
Acting Director

March 2, 2015

**ADDENDUM NO. 3**

Notice to All Persons and Firms Proposing  
to Submit a Bid or Furnish Materials for  
Brentwood Boulevard Infrastructure  
St. Louis County Project No. AR-1523  
Federal Project No. STP-5577(633)

The construction contract for this project has been revised as follows:

No. 1

**Replace** "Itemized Bid Sheets", 5 pages total, in the Bid Documents.

No. 2

**Delete** Plan Sheets No. 2B and 3B.

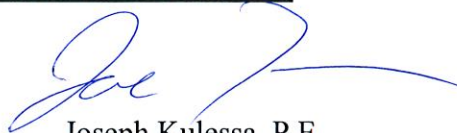
No. 3

**Insert New** Plan Sheets No. 2C and 3C.

No. 4

**Replace** BID pages 1-2 in the Bid Documents.

**ATTENTION BIDDERS: CHECK THE ADDENDUM ACKNOWLEDGEMENT IN THE  
BID DOCUMENTS AND COMPLETE APPROPRIATELY.**



Joseph Kulesa, P.E.  
Supervisor, Project Managers

JWK:jlh

Attachments: *Itemized Bid Sheets, Plan Sheets, Bid pages 1-2, and Addendum Acknowledgement*  
**(Please sign and return.)**

# ITEMIZED BID

**FEDERAL PROJECT NO. STP-5577(633)**  
**COUNTY PROJECT NO. AR-1523**

**PAGE 1 OF 5**

| ITEM NO.             | ITEM DESCRIPTION  | UNIT | QUANTITY | UNIT PRICE | AMOUNT |
|----------------------|---|------|----------|------------|--------|
| <b>ROADWAY ITEMS</b> |   |      |          |            |        |
| 202-20.10            | Removal of Improvements   | L.S. | 1        |            |        |
| 202-22.30            | Removal of Rigid Pavement   | S.Y. | 92.7     |            |        |
| 203-10.00            | Class "A" Excavation  | C.Y. | 469.2    |            |        |
| 203-10.30            | Land Disturbance Permits  | L.S. | 1        |            |        |
| 304-05.04            | Type 5 Aggregate Base (4" Thick)  | S.Y. | 4228.1   |            |        |
| 404-09.09            | Superpave Asphaltic Concrete Mixture SP95 (PG76-22)C                                    | TON  | 4610.3   |            |        |
| 404-12.76            | Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)CLP                                | TON  | 6915.5   |            |        |
| 405-30.10            | Type "C" Bituminous Concrete (Pavement)   | TON  | 971.1    |            |        |
| 405-30.20            | Type "D" Bituminous Concrete (Pavement)   | TON  | 105      |            |        |
| 407-10.27            | Tack-Emulsified Asphalt (SS-1H)   | GAL. | 16140    |            |        |
| 412-10.04            | Pavement Surfacing and Texturing (0" to 4"), Concrete or Asphalt                        | S.Y. | 80888    |            |        |
| 502-99.98            | Remove and Replace Concrete Pavement (8" Non-reinforced), Includes Curb (Bonus/Penalty) | S.Y. | 157      |            |        |
| 509-12.08            | Concrete Base (8" Reinforced)   | S.Y. | 42.7     |            |        |

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Addendum No 2

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Addendum No 3

## ITEMIZED BID

**FEDERAL PROJECT NO. STP-5577(633)**  
**COUNTY PROJECT NO. AR-1523**

**PAGE 2 OF 5**

| ITEM NO.  | ITEM DESCRIPTION   | UNIT | QUANTITY | UNIT PRICE | AMOUNT |
|-----------|--|------|----------|------------|--------|
| 509-12.38 | Concrete Base (8" Reinforced), Very Early Strength                         | S.Y. | 50       |            |        |
| 603-10.35 | Adjust Water Service Valve Box to Grade                                    | EACH | 3        |            |        |
| 604-20.26 | Adjust Grate Inlet to Grade  | EACH | 3        |            |        |
| 604-20.30 | Adjusting Manhole to Grade   | EACH | 91       |            |        |
| 604-90.40 | Adjust Inlet Stone to Grade  | EACH | 7        |            |        |
| 604-90.50 | Replace Precast Inlet Stone and Adjust to Grade                            | EACH | 8        |            |        |
| 604-90.52 | Replace Inlet Sill   | EACH | 6        |            |        |
| 604-90.55 | Replace Inlet Lid  | EACH | 6        |            |        |
| 608-10.90 | Remove and Replace Concrete Median/Island                                  | S.Y. | 340.6    |            |        |
| 608-50.96 | Remove and Replace Paved Approach (6")                                     | S.Y. | 16.7     |            |        |
| 608-50.97 | Remove and Replace Paved Approach (7")                                     | S.Y. | 181      |            |        |
| 609-10.93 | Remove and Replace Curb and Gutter (Various Widths),<br>Vertical/Mountable | L.F. | 1288     |            |        |
| 609-20.11 | Integral Curb (6" Height and Under)  | L.F. | 300      |            |        |
| 609-20.90 | Remove and Replace Integral Curb (6" Height and Under)                     | L.F. | 1912     |            |        |

## ITEMIZED BID

**FEDERAL PROJECT NO. STP-5577(633)**  
**COUNTY PROJECT NO. AR-1523**

**PAGE 3 OF 5**

| ITEM NO.                           | ITEM DESCRIPTION   | UNIT | QUANTITY | UNIT PRICE | AMOUNT |
|------------------------------------|--|------|----------|------------|--------|
| 609-30.10                          | Asphalt Curb   | L.F. | 73       |            |        |
| 612-30.10                          | Standard Traffic Control Devices   | L.S. | 1        |            |        |
| 612-60.92                          | Arrow Panel, Type "B" (Noiseless), Rental  | EACH | 8        |            |        |
| 613-10.91                          | Joint Repair - Transverse, Very Early Strength   | S.Y. | 75       |            |        |
| 613-20.20                          | Joint Repair - Longitudinal, Very Early Strength   | S.Y. | 75       |            |        |
| 613-30.01                          | Partial Depth Pavement Repair, Type X Bituminous (Includes Milling, Concrete or Asphalt) | TON  | 365.9    |            |        |
| 619-00.00                          | Mobilization   | L.S. | 1        |            |        |
| 803-20.00                          | Strip Sodding  | S.Y. | 422      |            |        |
| 806-45.00                          | Inlet Protection   | L.S. | 1        |            |        |
|                                    | <b>SUBTOTAL Roadway Items</b>  |      |          |            |        |
| <b>COUNTY TRAFFIC SIGNAL ITEMS</b> |  |      |          |            |        |
| 904-24.01                          | Signal Head, Type 1S, Pedestrian   | EACH | 9        |            |        |
| 904-27.15                          | Post, Signal, w/Sq. Pedestal Base, 15' Total Height, Aluminum                            | EACH | 1        |            |        |
| 904-28.07                          | Post, Signal, w/Sq. Pedestal Base and Post Cap, 7' Maximum Total Height, Aluminum        | EACH | 26       |            |        |

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Addendum No 2

Addendum No 3

## ITEMIZED BID

**FEDERAL PROJECT NO. STP-5577(633)**  
**COUNTY PROJECT NO. AR-1523**

**PAGE 4 OF 5**

| ITEM NO.  | ITEM DESCRIPTION   | UNIT | QUANTITY | UNIT PRICE | AMOUNT |
|-----------|--|------|----------|------------|--------|
| 904-49.20 | Detector, Pedestrian Push Button, Freezeproof  | EACH | 33       |            |        |
| 904-52.00 | Conduit, 2"  | L.F. | 310      |            |        |
| 904-74.99 | Conduit Repair (locate broken conduit, excavate, remove existing cable, repair/replace conduit, reinstall cable, backfill and restore) (Does not include sidewalk or pavement removal and replacement) | EACH | 1        |            |        |
| 904-83.05 | Cable, Signal, #14 Gauge, 5 Conductor  | L.F. | 330      |            |        |
| 904-84.00 | Wire, Stranded Ground, #6 Gauge  | L.F. | 550      |            |        |
| 904-85.05 | Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Conduit and Pull Boxes)  | L.F. | 4339     |            |        |
| 904-85.06 | Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Sawed Slot)  | L.F. | 24336    |            |        |
| 904-85.18 | Cable, Push Button and/or Detector Loop Lead-In, #18 Gauge, 2 Conductor (Shielded)   | L.F. | 4360     |            |        |
| 904-90.17 | Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete w/1' Concrete Apron   | EACH | 6        |            |        |
| 904-91.43 | Base, Type P-3, Concrete   | EACH | 26       |            |        |
| 904-91.73 | Base, Type C-3, Concrete   | EACH | 1        |            |        |
| 904-95.10 | Opening Drilled in Existing Concrete Pull Box  | EACH | 26       |            |        |
| 904-95.31 | Adjustment of Preformed Pull Box   | EACH | 17       |            |        |
| 904-95.40 | Adjustment of Concrete Single Pull Box   | EACH | 12       |            |        |

## ITEMIZED BID

**FEDERAL PROJECT NO. STP-5577(633)**  
**COUNTY PROJECT NO. AR-1523**

**PAGE 5 OF 5**

| ITEM NO.                            | ITEM DESCRIPTION                                       | UNIT | QUANTITY | UNIT PRICE | AMOUNT |
|-------------------------------------|--|------|----------|------------|--------|
| 904-95.42                           | Adjustment of Concrete Double Pull Box                 | EACH | 14       |            |        |
| 904-98.60                           | Relocation of Existing Push Button                     | EACH | 5        |            |        |
|                                     | <b>SUBTOTAL County Traffic Signal Items</b>            |      |          |            |        |
| <b>PEDESTRIAN AND BICYCLE ITEMS</b> |  |      |          |            |        |
| 201-20.11                           | Clearing Vegetation from the Pedestrian Access Route   | L.S. | 1        |            |        |
| 412-20.00                           | Sidewalk Grinding                                      | EACH | 20       |            |        |
| 608-60.08                           | Concrete Sidewalk, Curb Ramp                           | EACH | 127      |            |        |
| 608-60.94                           | Remove and Replace Concrete Sidewalk (4" Thick)        | S.Y. | 1036.3   |            |        |
| 608-60.96                           | Remove and Replace Concrete Sidewalk (6" Thick)        | S.Y. | 18.8     |            |        |
| 608-60.99                           | Truncated Domes for Curb Ramps (Retrofit Construction) | S.F. | 130      |            |        |
|                                     | <b>SUBTOTAL Pedestrian and Bicycle Items</b>           |      |          |            |        |
|                                     | <b>PROJECT TOTAL</b>                                   |      |          |            |        |

| SUMMARY OF QUANTITIES               |               | BRENTWOOD BOULEVARD INFRASTRUCTURE<br>ST. LOUIS COUNTY PROJECT NO. AR-1523<br>FEDERAL PROJECT NO. STP-5577(633) |           |  |   | REMARKS |
|-------------------------------------|---------------|---|-----------|--|---|---------|
| SUBTOTAL                            | PROJECT TOTAL | UNIT  | ITEM NO.  | DESCRIPTION  |   |         |
| <b>ROADWAY ITEMS</b>                |               |   |           |  |   |         |
|                                     |               |   |           |  |   |         |
|                                     |               | L.S.  | 202-20.10 | REMOVAL OF IMPROVEMENTS  | Not shown on B sheets.  |         |
|                                     |               | S.Y.  | 202-22.30 | REMOVAL OF RIGID PAVEMENT  |   |         |
|                                     |               | C.Y.  | 203-10.00 | CLASS "A" EXCAVATION   | Includes 5% extra for contingency.                              |         |
|                                     |               | L.S.  | 203-10.30 | LAND DISTURBANCE PERMIT  |   |         |
|                                     |               | S.Y.  | 304-05.04 | TYPE 5 AGGREGATE BASE (4" Thick)   | Includes 5% extra for contingency.                              |         |
|                                     |               | TON   | 404-09.09 | SUPERPAVE ASPHALTIC CONCRETE MIXTURE SP95 (PG76-22)C   | Includes 5% extra for contingency. Est. at 1" and 2.16 Ton/CY   |         |
|                                     |               | TON   | 404-12.72 | SUPERPAVE ASPHALTIC CONCRETE MIXTURE SP125 (PG76-22)CLP  | Includes 5% extra for contingency. Est. at 1.5" and 2.16 Ton/CY |         |
|                                     |               | TON   | 405-30.10 | TYPE "C" BITUMINOUS CONCRETE (PAVEMENT)  | Includes 5% extra for contingency. Est. at 2.0" and 2.16 Ton/CY |         |
|                                     |               | TON   | 405-30.20 | TYPE "D" BITUMINOUS CONCRETE (PAVEMENT)  | Includes 5% extra for contingency. Est. at 2.16 Ton/CY          |         |
|                                     |               | S.Y.  | 405-30.25 | ASPHALT PAVEMENT REPAIR  | Item Removed  |         |
|                                     |               | GAL   | 407-10.27 | TACK-EMULSIFIED ASPHALT (SS-1H)  | Includes 5% extra for contingency. Est. at 0.1 Gal/SY           |         |
|                                     |               | S.Y.  | 412-10.04 | PAVEMENT SURFACING AND TEXTURING (0" to 4"), CONCRETE OR ASPHALT   |   |         |
|                                     |               | S.Y.  | 502-99.98 | REMOVE AND REPLACE CONCRETE PAVEMENT (8" REINFORCED), INCLUDES CURB  |   |         |
|                                     |               | S.Y.  | 509-12.08 | CONCRETE BASE (8" REINFORCED)  |   |         |
|                                     |               | S.Y.  | 509-12.38 | CONCRETE BASE (8" REINFORCED), VERY EARLY STRENGTH   |   |         |
|                                     |               | EACH  | 603-10.35 | ADJUST WATER SERVICE VALVE BOX TO GRADE  |   |         |
|                                     |               | EACH  | 604-20.26 | ADJUST GRATE INLET TO GRADE  |   |         |
|                                     |               | EACH  | 604-20.30 | ADJUSTING MANHOLE TO GRADE   |   |         |
|                                     |               | EACH  | 604-90.40 | ADJUST INLET STONE TO GRADE  |   |         |
|                                     |               | EACH  | 604-90.50 | REPLACE PRECAST INLET STONE AND ADJUST TO GRADE  |   |         |
|                                     |               | EACH  | 604-90.52 | REPLACE INLET SILL   |   |         |
|                                     |               | EACH  | 604-90.55 | REPLACE INLET LID  |   |         |
|                                     |               | S.Y.  | 608-10.90 | REMOVE AND REPLACE CONCRETE MEDIAN/ISLAND  |   |         |
|                                     |               | S.Y.  | 608-50.96 | REMOVE AND REPLACE PAVED APPROACH (6")   |   |         |
|                                     |               | S.Y.  | 608-50.97 | REMOVE AND REPLACE PAVED APPROACH (7")   |   |         |
|                                     |               | L.F.  | 609-10.93 | REMOVE AND REPLACE CURB AND GUTTER (VARIOUS WIDTHS), VERTICAL/MOUNTABLE  | Sawcutting, excavating and aggregate base are all incidental.   |         |
|                                     |               | L.F.  | 609-20.11 | INTEGRAL CURB (6" HEIGHT AND UNDER)  |   |         |
|                                     |               | L.F.  | 609-20.90 | REMOVE AND REPLACE INTEGRAL CURB (6" HEIGHT AND UNDER)   |   |         |
|                                     |               | L.F.  | 609-30.10 | ASPHALT CURB   |   |         |
|                                     |               | L.S.  | 612-30.10 | STANDARD TRAFFIC CONTROL DEVICES   | Not shown on B sheets.  |         |
|                                     |               | EACH  | 612-60.92 | ARROW PANEL, TYPE "B" (NOISELESS), RENTAL  | Not shown on B sheets.  |         |
|                                     |               | S.Y.  | 613-10.91 | JOINT REPAIR - TRANSVERSE, VERY EARLY STRENGTH   |   |         |
|                                     |               | S.Y.  | 613-20.20 | JOINT REPAIR - LONGITUDINAL, VERY EARLY STRENGTH   |   |         |
|                                     |               | TON   | 613-30.01 | PARTIAL DEPTH PAVEMENT REPAIR, TYPE X BITUMINOUS (INCLUDES MILLING, CONCRETE OR ASPHALT)   | Includes 5% extra for contingency. Est. at 8" and 2.16 Ton/SY   |         |
|                                     |               | L.S.  | 819-00.00 | MOBILIZATION   | Not shown on B sheets.  |         |
|                                     |               | S.Y.  | 803-20.00 | STRIP SODDING  |   |         |
|                                     |               | L.S.  | 806-45.00 | INLET PROTECTION DEVICE  | Not shown on B sheets.  |         |
| <b>TRAFFIC SIGNAL ITEMS</b>         |               |   |           |  |   |         |
|                                     |               | EACH  | 904-24.01 | SIGNAL HEAD, TYPE 1S, PEDESTRIAN   |   |         |
|                                     |               | EACH  | 904-27.15 | POST, SIGNAL, W/SQ PEDESTAL BASE, 15' TOTAL HEIGHT, ALUMINUM   |   |         |
|                                     |               | EACH  | 904-28.07 | POST, SIGNAL, W/SQ PEDESTAL BASE, 7' MAXIMUM HEIGHT, ALUMINUM  |   |         |
|                                     |               | EACH  | 904-49.20 | DETECTOR, PEDESTRIAN PUSH BUTTON, FREEZEPROOF  |   |         |
|                                     |               | L.F.  | 904-52.00 | CONDUIT, 2"  |   |         |
|                                     |               | EACH  | 904-74.99 | CONDUIT REPAIR (LOCATE BROKEN CONDUIT, EXCAVATE, REMOVE EXISTING CABLE, REPAIR/REPLACE CONDUIT, REINSTALL CABLE, BACKFILL AND RESTORE) (DOES NOT INCLUDE SIDEWALK OR PAVEMENT REMOVAL AND REPLACEMENT) |   |         |
|                                     |               | L.F.  | 904-83.05 | CABLE, SIGNAL, #14 GAUGE, 5 CONDUCTOR  |   |         |
|                                     |               | L.F.  | 904-84.00 | WIRE, STRANDED GROUND, #6 GAUGE  |   |         |
|                                     |               | L.F.  | 904-85.05 | CABLE, DETECTOR LOOP, #14 GAUGE, 1 CONDUCTOR, W/TUBE JACKET (IN 3/4" CONDUIT AND PULL BOXES)   |   |         |
|                                     |               | L.F.  | 904-85.06 | CABLE, DETECTOR LOOP, #14 GAUGE, 1 CONDUCTOR, W/TUBE JACKET (IN SAWED SLOT)  |   |         |
|                                     |               | L.F.  | 904-85.18 | CABLE, PUSH BUTTON AND/OR DETECTOR LOOP LEAD-IN, #18 GAUGE, 2 CONDUCTOR (SHIELDED)   |   |         |
|                                     |               | EACH  | 904-90.17 | PREFORMED PULL BOX (17"W X 30"L X 26" MIN. H), REINFORCED POLYMER CONCRETE W/1' CONCRETE APRON   |   |         |
|                                     |               | EACH  | 904-91.43 | BASE, TYPE P-3, CONCRETE   |   |         |
|                                     |               | EACH  | 904-91.73 | BASE, TYPE C-3, CONCRETE   |   |         |
|                                     |               | EACH  | 904-95.10 | OPENING DRILLED IN EXISTING CONCRETE PULL BOX  |   |         |
|                                     |               | EACH  | 904-95.31 | ADJUSTMENT OF PREFORMED PULL BOX   |   |         |
|                                     |               | EACH  | 904-95.40 | ADJUSTMENT OF CONCRETE PULL BOX  |   |         |
|                                     |               | EACH  | 904-95.42 | ADJUSTMENT OF CONCRETE DOUBLE PULL BOX   |   |         |
|                                     |               | EACH  | 904-98.60 | RELOCATION OF EXISTING PUSH BUTTON   |   |         |
| <b>PEDESTRIAN AND BICYCLE ITEMS</b> |               |   |           |  |   |         |
|                                     |               | L.S.  | 201-20.11 | CLEARING VEGETATION FROM THE PEDESTRIAN ACCESS ROUTE   | Not shown on B sheets.  |         |
|                                     |               | EACH  | 412-20.00 | SIDEWALK GRINDING  |   |         |
|                                     |               | EACH  | 608-60.08 | CONCRETE SIDEWALK, CURB RAMP   |   |         |
|                                     |               | S.Y.  | 608-60.94 | REMOVE AND REPLACE CONCRETE SIDEWALK (4" THICK)  |   |         |
|                                     |               | S.Y.  | 608-60.96 | REMOVE AND REPLACE CONCRETE SIDEWALK (6" THICK)  |   |         |
|                                     |               | S.F.  | 608-60.99 | TRUNCATED DOMES FOR CURB RAMPS (Retrofit Construction)   |   |         |

|   |   |
|---|---|
| COUNTY PROJECT NO.<br><b>AR-1523</b>  |   |
| FEDERAL PROJECT NO.<br><b>STP-5577(633)</b>   |   |
| E-W GATEWAY TIP NO.<br>6339-15  |   |
| MSD:  | N/A   |
| MSD BASE MAP:<br>20K, 21K   |   |
| REVISIONS   | DESCRIPTION   |
| REV. DATE   | BY  |
| 1   | 2/18 JWK  |
| 2   | 2/27 JWK  |
| 3   | 3/02 JWK  |
| DISCLAIMER OF RESPONSIBILITY:<br>I hereby specify that the design and construction of the project are limited to the information provided to me and I am not responsible for any other information, drawings, specifications, estimates, reports or other documents prepared by or for the project or used for any part of the engineering project or survey. |   |
|   |   |
| DATE:   | 3/2/2015  |
| PREPARED BY:  | DESIGN DIVISION<br>121 SOUTH MERAMEC AVENUE<br>7TH FLOOR<br>CLAYTON, MISSOURI 63105<br>(314) 616-6646<br>JOSEPH W. KULESSA<br>PROFESSIONAL ENGINEER<br>LICENSE NO. 2010000841 |
|   |   |
| <b>BRENTWOOD BOULEVARD<br/>INFRASTRUCTURE</b><br><b>SUMMARY OF QUANTITIES</b>   |   |
| DESIGNED:   | Z. HALILOVIC  |
| DRAWN:  | Z. HALILOVIC  |
| CHECKED:  | J.W. KULESSA  |
| SHEET SEQUENCE:<br><b>2C OF 48</b>  |   |

| 202-22.30 REMOVAL OF RIGID PAVEMENT |                     |   |  |
|-------------------------------------|---------------------|---|--|
| As directed by the Engineer.        |                     |   |  |
| LOCATION                            | QUANTITY S.Y. (0.1) | REMARKS   |  |
| Brentwood Boulevard/Eager Road      | 92.7                | For 8" concrete base, location to be determined by Engineer |  |
| <b>TOTAL</b>                        | <b>92.7</b>         |   |  |

| 203-10.00 CLASS "A" EXCAVATION  |                    |  |  |
|---|--------------------|--|--|
| For full depth base repairs, shoulder repairs, for use under concrete pavement, R & R curb and gutter, and R&R 6" sidewalk. |                    |  |  |
| LOCATION  | QUANTITY C.Y.(0.1) | REMARKS  |  |
| 2440 Brentwood  | 0.4                | 5'x5.5' @ 6" approach  |  |
| Brentwood @ RR  | 0.9                | 9'x8' @ 6" approach  |  |
| 2944 Brentwood  | 0.8                | 8'x8' @ 6" approach  |  |
| Brentwood Boulevard/Eager Road  | 17.4               | For removal and replacement of 8" concrete pavement, location to be determined by Engineer |  |
| Brentwood Boulevard   | 10.3               | For 8" concrete base repair, locations to be determined by Engineer                        |  |
| Brentwood Boulevard/Eager Road  | 37.8               | For removal and replacement of concrete median, location to be determined by Engineer      |  |
| Brentwood Boulevard/Eager Road  | 21.9               | For removal and replacement of 6" & 7" paved approaches                                    |  |
| Brentwood Boulevard/Eager Road  | 357.4              | For replacement of curb and gutter   |  |
| <b>TOTAL</b>  | <b>446.9</b>       |  |  |

| 304-05.04 TYPE 5 AGGREGATE BASE (4" THICK)  |                    |  |  |
|---|--------------------|--|--|
| For use under concrete pavement, 6" sidewalks & bus stop pads, paved approaches, curb and gutter, and concrete medians. |                    |  |  |
| LOCATION  | QUANTITY S.Y.(0.1) | REMARKS  |  |
| 2440 Brentwood  | 3.7                | 5'x5.5' @ 6" approach  |  |
| Brentwood @ RR  | 8                  | 9'x8' @ 6" approach  |  |
| 2944 Brentwood  | 7.1                | 8'x8' @ 6" approach  |  |
| Brentwood Boulevard   | 92.7               | For 8" concrete base repair, locations to be determined by Engineer                        |  |
| Brentwood Boulevard/Eager Road  | 157.0              | For removal and replacement of 8" concrete pavement, location to be determined by Engineer |  |
| Brentwood Boulevard/Eager Road  | 340.6              | For removal and replacement of concrete median, location to be determined by Engineer      |  |
| Brentwood Boulevard/Eager Road  | 197.7              | For removal and replacement of 6" & 7" paved approaches                                    |  |
| Brentwood Boulevard/Eager Road  | 3220.0             | For replacement of curb and gutter   |  |
| <b>TOTAL</b>  | <b>4026.8</b>      |  |  |

| 404-09.09 SUPERPAVE ASPHALTIC CONCRETE MIXTURE SP95 (PG76-22)C   |                    |                  |                    |          |
|--|--------------------|------------------|--------------------|----------|
| Exact locations & quantities to be determined by the Engineer. Approximately 1" thick, estimated at 2.16 T/CY. |                    |                  |                    |          |
| LOCATION   | FROM               | TO               | QUANTITY TON (0.1) | REMARKS  |
| Brentwood Boulevard  | E.o.M. at I-64     | Marshall         | 3778.76            | Mainline |
| Eager Road   | 85' W of Brentwood | Brentwood Blvd   | 31.9               |          |
| Eager Road   | 300' E of I-170    | 750' W of Hanley | 580.1              | Mainline |
| <b>TOTAL</b>   |                    |                  | <b>4,390.8</b>     |          |

| 404-12.76 SUPERPAVE ASPHALTIC CONCRETE MIXTURE SP125 (PG76-22)CLP  |                    |                  |                    |          |
|--|--------------------|------------------|--------------------|----------|
| Exact locations & quantities to be determined by the Engineer. Approximately 1.5" thick, estimated at 2.16 T/CY. |                    |                  |                    |          |
| LOCATION   | FROM               | TO               | QUANTITY TON (0.1) | REMARKS  |
| Brentwood Boulevard  | E.o.M. at I-64     | Marshall         | 5668.1             | Mainline |
| Eager Road   | 85' W of Brentwood | Brentwood Blvd   | 47.9               |          |
| Eager Road   | 300' E of I-170    | 750' W of Hanley | 870.2              | Mainline |
| <b>TOTAL</b>   |                    |                  | <b>6,586.2</b>     |          |

| 405-30.10 TYPE "C" BITUMINOUS CONCRETE (PAVEMENT)  |      |    |                    |   |
|--|------|----|--------------------|---|
| Exact locations & quantities to be determined by the Engineer. Approximately 2" thick, Estimated at 2.16 T/CY. |      |    |                    |   |
| LOCATION   | FROM | TO | QUANTITY TON (0.1) | REMARKS   |
| Brentwood Boulevard  |      |    | 15.5               | Approach at Agnes Avenue                              |
| Brentwood Boulevard  |      |    | 16.2               | Approach at Evans Avenue                              |
| Brentwood Boulevard  |      |    | 55.5               | Approach at Wrenwood Lane                             |
| Brentwood Boulevard  |      |    | 160.2              | Approach at Strassner Drive                           |
| Brentwood Boulevard  |      |    | 17.5               | Approach at Lawn Avenue                               |
| Brentwood Boulevard  |      |    | 25.3               | Approach at Pine Avenue                               |
| Brentwood Boulevard  |      |    | 16.5               | Approach at Pine Avenue                               |
| Brentwood Boulevard  |      |    | 7.0                | Approach at Moritz Avenue                             |
| Brentwood Boulevard  |      |    | 14.7               | Approach at Brentwood Place                           |
| Brentwood Boulevard  |      |    | 7.9                | Approach at Bridgeport Avenue                         |
| Brentwood Boulevard  |      |    | 14.0               | Approach at Bridgeport Avenue                         |
| Brentwood Boulevard  |      |    | 19.8               | Approach at White Avenue                              |
| Brentwood Boulevard  |      |    | 18.4               | Approach at White Avenue                              |
| Brentwood Boulevard  |      |    | 14.3               | Approach at Rosalie Avenue                            |
| Brentwood Boulevard  |      |    | 16.0               | Approach at Harrison Avenue                           |
| Brentwood Boulevard  |      |    | 23.8               | Approach at Eulalie Avenue                            |
| Brentwood Boulevard  |      |    | 15.5               | Approach at Litzinger Road                            |
| Brentwood Boulevard  |      |    | 16.2               | Approach at Madge Avenue                              |
| Brentwood Boulevard  |      |    | 18.2               | Approach at Magdalen Avenue                           |
| Brentwood Boulevard  |      |    | 22.8               | Approach at Powell Avenue                             |
| Brentwood Boulevard  |      |    | 4.1                | Approach at Anna Avenue                               |
| Brentwood Boulevard  |      |    | 17.2               | Approach at Pendelton Avenue                          |
| Brentwood Boulevard  |      |    | 19.2               | Approach at Pendelton Avenue                          |
| Brentwood Boulevard  |      |    | 13.4               | Approach at Russell Avenue                            |
| Eager Road   |      |    | 95.1               | Approach at Brentwood Promenade Ct 500' East of I-170 |
| Eager Road   |      |    | 109.0              | Approach at Brentwood Promenade Ct 900' East of I-170 |
| Eager Road   |      |    | 58.3               | Approach at Hanley Industrial Court                   |
| Eager Road   |      |    | 93.3               | Approach at Musick Memorial Drive                     |
| <b>TOTAL</b>   |      |    | <b>924.9</b>       |   |

| 405-30.20 TYPE "D" BITUMINOUS CONCRETE (PAVEMENT)                                      |                    |  |  |
|--|--------------------|--|--|
| Exact locations & quantities to be determined by the Engineer. Estimated at 2.16 T/CY. |                    |  |  |
| LOCATION   | QUANTITY TON (0.1) | REMARKS                                |  |
| Brentwood Boulevard/Eager Road   | 50.0               | Locations to be determined by Engineer |  |
|  | 50.0               | Locations to be determined by Engineer |  |
| <b>TOTAL</b>   | <b>100.0</b>       |  |  |

| 613-30.01 PARTIAL DEPTH PAVEMENT REPAIR, TYPE X BITUMINOUS (INCLUDES MILLING, CONCRETE OR ASPHALT) |                     |   |  |
|--|---------------------|---|--|
| Exact locations & quantities to be determined by the Engineer.                                     |                     |   |  |
| LOCATION   | QUANTITY S.Y. (0.1) | REMARKS   |  |
| Brentwood Boulevard/Eager Road   | 348.5               | 8" Repair depth, Locations to be determined by Engineer |  |
| <b>TOTAL</b>   | <b>348.5</b>        |   |  |

| 407-10.27 TACK-EMULSIFIED ASPHALT (SS-1H) |                    |  |  |
|---|--------------------|--|--|
| Estimated at 0.10 Gal / S.Y.              |                    |  |  |
| LOCATION                                  | QUANTITY GAL. (10) | REMARKS                                |  |
| Brentwood Boulevard/Eager Road            | 15,368             | Locations to be determined by Engineer |  |
| <b>TOTAL</b>                              | <b>15,368</b>      |  |  |

| 412-10.04 PAVEMENT SURFACING AND TEXTURING (0" to 4"), CONCRETE OR ASPHALT |                     |  |  |  |
|--|---------------------|--|--|--|
| Includes butt joints and side streets as directed by the Engineer.         |                     |  |  |  |
| LOCATION   | QUANTITY S.Y. (1.0) | REMARKS                                    |  |  |
| Brentwood Boulevard  | 62980               | Superpave Areas, Approximately 2.5" depth. |  |  |
| Eager Road   | 10,201              | Superpave Areas, Approximately 2.5" depth. |  |  |
| Brentwood Boulevard/Eager Road   | 7,707               | Approach Areas, Approximately 2" depth.    |  |  |
| <b>TOTAL</b>   | <b>80,888</b>       |  |  |  |

COUNTY PROJECT NO. **AR-1523**

FEDERAL PROJECT NO. **STP-5577(633)**

E-W GATEWAY TIP NO. **6339-15**

MSD: **N/A**

MSD BASE MAP: **20K, 21K**

| REV | DATE | BY  | APP | DESCRIPTION    |
|-----|------|-----|-----|----------------|
| 1   | 2/18 | JWK | JWK | ADDENDUM NO. 1 |
| 2   | 2/27 | JWK | JWK | ADDENDUM NO. 2 |
| 3   | 3/02 | JWK | JWK | ADDENDUM NO. 3 |

DISCLAIMER OF LIABILITY: I hereby certify that the design and construction of the project described herein is limited to the scope of the contract and the information provided to me. I am not responsible for any other drawings, specifications, estimates, reports or other documents prepared by or for the project or intended to be used for any part of the engineering project or survey.

STATE OF MISSOURI  
 JOSEPH W. KULESSA  
 LICENSE NUMBER  
 PE-2010000841  
 PROFESSIONAL ENGINEER

DATE: **3/2/2015**

PREPARED BY:  
 DESIGN DIVISION  
 121 SOUTH MERAMEC AVENUE  
 CLAYTON, MISSOURI 63105  
 (314) 616-6643

JOSEPH W. KULESSA  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 2010000841

Sheryl L. Hodges, D.E., P.E., LPG  
 Director

**Saint Louis COUNTY**  
**HIGHWAYS & TRAFFIC**  
**PUBLIC WORKS**

BRENTWOOD BOULEVARD INFRASTRUCTURE

DETAILED QUANTITIES  
 1 OF 8

DESIGNED: **Z. HALILOVIC**

DRAWN: **Z. HALILOVIC**

CHECKED: **J.W. KULESSA**

SHEET SEQUENCE:  
**3C OF 48**



BID

Project Name: Brentwood Boulevard Infrastructure (North and South)

County Project No.: AR-1523

Federal Job No.: STP-5577(633)

Limits: Brentwood Boulevard from Webster Groves City limits on the north side of Marshall Road to Eager Road, Eager Road from Brentwood Boulevard to 85 feet west of Brentwood Boulevard, and Eager Road from 300 feet east of I-170 end of maintenance to 750 feet west of Hanley Road

TO: St. Louis County, acting by and through the St. Louis County Council, Clayton, Missouri

1. DESCRIPTION. For constructing (or improving) the project designated above, consisting of Removal and replacement of deteriorated and/or damaged pavement, curbs and sidewalks; pavement surfacing and texturing; superpave asphaltic concrete overlay; linear grading; removal and replacement of loop detectors, sodding and other incidental items on Brentwood Boulevard from Webster Groves City limits on the north side of Marshall Road to Eager Road, Eager Road from Brentwood Boulevard to 85 feet west of Brentwood Boulevard, and Eager Road from 300 feet east of I-170 end of maintenance to 750 feet west of Hanley Road, all within St. Louis County and other incidental items necessary to complete the above in a workmanlike manner.
2. SPECIFICATIONS, CONTRACT AND BOND. The specifications, contract and bond governing the construction of the work contemplated are those known and designated as the St. Louis County Department of Highways and Traffic Standard Specifications for Highway Construction, approved by the St. Louis County Council, together with the "Special Provisions, Job and General," if any, attached to this bid.
3. PLANS. The plans herein referred to are plans approved by the Director and marked with the project and section numbers set out above, together with all standard or special designs that may be designated in such plans.
4. MISCELLANEOUS. The undersigned, as bidder, declares that the only persons or parties interested in this bid as principal are those named herein; that this bid is made without collusion or combination of any kind or character with any other person, firm, association or corporation, or any member or officer thereof; that he has carefully examined the location of the proposed work, the plans, Standard Specifications, and special provisions heretofore mentioned, and the form of contract and contract bond; that he proposes, and agrees, if this bid is accepted, to execute the contract and bond and secure execution of the bond by satisfactory surety and to provide all necessary machinery, tools, apparatus and other means of construction, and will do all the work and furnish all the materials specified in the contract in the manner and time therein prescribed, and in accordance with the requirements of the Director as therein set forth; and that he will accept in full payment therefore the amount or amounts certified by the Director in accordance with the bid, specifications and contract.
5. NONDISCRIMINATION. The undersigned, as bidder, understands that in any project involving participation of federal funds, the bidder awarded the contract will be required to comply, and to cause his subcontractors, if any, to comply, with all federal statutes, regulations and directives concerning discrimination against any person in connection

with the contract, on account of race, color, sex, or national origin, and that such nondiscrimination extends to procurement of materials and lease of equipment for use in connection with the contract.

6. QUANTITIES. It is understood by the undersigned that the quantities given in the following itemized bid are not guaranteed by the County and are used solely for the purpose of comparing bids and awarding the contract, and may or may not represent the actual quantities encountered on the job; and that the sum of the products of the quantities listed in the following itemized bid, multiplied by the unit price bid, shall constitute the gross sum bid.
7. ITEMIZED BID. The undersigned submits the following itemized bid and hereby authorizes the Director to correct any multiplication of "Unit Price" by "Quantity" as shown under "Amount" when copying the itemized bid sheet(s) into any contract.
8. TIME FOR COMPLETION. If this bid is accepted the undersigned hereby agrees that work will begin not later than the authorization date in the Notice to Proceed and will be diligently prosecuted at such rate and in such manner as, in the judgment of the Director, is necessary for the completion of the work within the time specified as follows:

Completion Date: November 30, 2015

9. LIQUIDATED DAMAGES. The undersigned further agrees that, should he fail to complete the work on the date, or in the time specified, or such additional time as may be allowed by the Director under the contract, the amount of liquidated damages to be recovered, in accordance with the requirements of Section 108.7 of the Standard Specifications, shall survive as follows:

Liquidated Damages Per Day: \$1225.00

Failure to begin installing the loop detectors within the time specified:

Liquidated Damages Per Day: \$ 500.00

Failure to begin temporary striping within the time specified:

Liquidated Damages Per Hour: \$ 200.00

10. BID GUARANTEE. The undersigned submits and attaches to this bid a bid guarantee meeting the following requirements: Each Bid shall be accompanied by a certified check or cashier's check equal to five (5) percent of the total bid, payable to "Treasurer, St. Louis County", to the use of the County, or a bidders bond, in like sum, executed by a surety company authorized to do business in the State of Missouri, as a guarantee on the part of the bidder that if its bid be accepted, it will, within ten (10) days after receipt of notice of such acceptance, enter into a contract and bond to do the work advertised; and, in case of default, forfeit such bid guaranty. The provisions of Section 103.4.1 shall also apply to this bid guaranty. Bid guarantees will be returned as per Section 103.3, Standard Specifications.
  11. SUPERVISION OF WORK. The undersigned intends to have the following person(s) supervise the work:
-

March 2, 2015

**ADDENDUM ACKNOWLEDGEMENT**

**ADDENDUM NO. 3**

FROM: St. Louis County Department of Highways and Traffic

RE: Brentwood Boulevard Infrastructure  
St. Louis County Project No. AR-1523  
Federal Project No. STP-5577(633)

**PACKAGE INCLUDES THIS ACKNOWLEDGEMENT, ADDENDUM NOTICE, REVISED PLAN SHEETS, REVISED ITEMIZED BID SHEETS, AND REVISED BID PAGES 237 – 238 OF 276.**

(11 pages total)

IF YOU DID NOT RECEIVE ALL PAGES, CALL (314) 615-8569.

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UPON RECEIPT OF THIS PACKAGE, **PLEASE SIGN AND DATE** (IN THE INDICATED LOCATIONS BELOW), AND **FAX THIS ACKNOWLEDGEMENT TO THE DEPARTMENT OF HIGHWAYS & TRAFFIC AT (314) 615-8194** (Attn: [Zenija Halilovic](#), DESIGN DIVISION) TO VERIFY RECEIPT

---

COMPANY \_\_\_\_\_

RECEIVED BY \_\_\_\_\_

DATE \_\_\_\_\_