

**STATE OF MISSOURI
HIGHWAYS and TRANSPORTATION COMMISSION**

JEFFERSON CITY, MISSOURI

**CONSTRUCTING OR IMPROVING
Contract I.D. 240920-H02**

THIS JOB SHALL BE CONSTRUCTED UNDER
FEDERAL PROJECT NUMBER(S): FAF 67-1 (28), FAF-67-1 (27)

Job J9P3751 Route 67 Butler County
Job J9P3764 Route 67 Butler County

Section 0002 AA1

Alt Pvm A - Mainline 67 - Asphalt - J9P3751

0800 4039905 77725.800 SQYD
MISC. 12.5 INCHES, ASPHALTIC CONCRETE PAVEMENT SP125C

0810 6261000A 472.300 STA
BITUMINOUS SHOULDER RUMBLE STRIP

0820 6261001 3.800 STA
BITUMINOUS CENTERLINE RUMBLE STRIP

Section 0002 Total

Section 0003 AA2

Alt Pvm B - Mainline 67 - Concrete - J9P3751

0830 5021333 77725.800 SQYD
CONCRETE PAVEMENT (9 1/2 IN. NON-REINFORCED, 15 FT. JOINTS)

0840 6262000A 472.300 STA
PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP

0850 6262001 3.800 STA
PORTLAND CEMENT CONCRETE CENTERLINE RUMBLE STRIP

Section 0003 Total

Section 0004 BB1

Alt Shld C - Mainline 67 - A2 Shoulders - Asphalt - J9P3751

0860 4010150 20954.400 SQYD
TYPE A2 SHOULDER

Section 0004 Total

Section 0005 BB2

Alt Shld D - Mainline 67 - A2 Shoulders - Concrete J9P3751

0870 5021340 20954.400 SQYD
TYPE A2 SHOULDER

Section 0005 Total

Section 0006 CC1
Alt Pvmt E - Outer Road 67 - Asphalt - J9P3751

0880 4010107 1915.900 SQYD
7 INCHES, BITUMINOUS PAVEMENT

0890 6261000A 10.400 STA
BITUMINOUS SHOULDER RUMBLE STRIP

Section 0006 Total

Section 0007 CC2
Alt Pvmt F - Outer Road 67 - Concrete - J9P3751

0900 5021107 1915.900 SQYD
CONCRETE PAVEMENT (7 IN. NON-REINF)

0910 6262000A 10.400 STA
PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP

Section 0007 Total

Section 0016 DD1
Alt Pvmt G - Mainline 67 - Asphalt - J9P3764

2420 4039905 56832.200 SQYD
MISC. 12.5 INCHES, ASPHALTIC CONCRETE PAVEMENT SP125C

2430 6261000A 334.900 STA
BITUMINOUS SHOULDER RUMBLE STRIP

Section 0016 Total

Section 0017 DD2
Alt Pvmt H - Mainline 67 - Concrete - J9P3764

2440 5021333 56832.200 SQYD
CONCRETE PAVEMENT (9 1/2 IN. NON-REINFORCED, 15 FT. JOINTS) 12.5 INCHES,
ASPHALTIC CONCRETE PAVEMENT SP125C

2450 6262000A 334.900 STA
PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP

Section 0017 Total

Section 0018 EE1
Alt Pvmt I - Mainline 67 - A2 Shoulders - Asphalt - J9P3764

2460 4010150 15066.900 SQYD
TYPE A2 SHOULDER

Section 0018 Total

Section 0019 EE2
Alt Pvmt J - Mainline 67 - A2 Shoulders - - Concrete J9P3764

2470 5021340 15066.900 SQYD
TYPE A2 SHOULDER

Section 0019 Total

Section 0020 FF1
Alt Pvmt K - Outer Road 67 - Asphalt - J9P3764

2480 4010107 32210.800 SQYD
7 INCHES, BITUMINOUS PAVEMENT

2490 6261000A 144.900 STA
BITUMINOUS SHOULDER RUMBLE STRIP

Section 0020 Total

Section 0021 FF2
Alt Pvmt L - Outer Road 67 - Concrete - J9P3764

2500 5021107 32210.800 SQYD
CONCRETE PAVEMENT (7 IN. NON-REINF)

2510 6262000A 144.900 STA
PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP

Section 0021 Total

Job No.: J9P3751

Route: 67

County: Butler

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 <p>STATE OF MISSOURI ANDREW R. SCHLICHTING NUMBER PE-2009018777 PROFESSIONAL ENGINEER</p> <p>THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.</p>	<p>MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 W. CAPITOL AVE. JEFFERSON CITY, MO 65102 Phone 1-888-275-6636</p>
	<p><i>Crawford, Murphy, & Tilly, Inc.</i> 1 South Memorial Drive, Suite 500 Saint Louis, MO 63102</p> <p>Certificate of Authority: 000631 Consultant Phone: 314-436-5500</p> <p>If a seal is present on this sheet, JSP's have been electronically sealed and dated.</p> <p>JOB NUMBER: J9P3751 BUTLER COUNTY, MO DATE PREPARED: 07/26/24</p> <p>ADDENDUM DATE:</p>
<p>Only the following items of the Job Special Provisions (Roadway) are authenticated by this seal: All</p>	

4.0 The contractor shall exercise reasonable care in the handling of the equipment during the removal and transportation. Should any of the equipment be damaged by the contractor's negligence, it shall be replaced at the contractor's expense. The contractor shall dispose of any other equipment. Delivery shall be within 2 working days of removal. All items returned shall be tagged with the date removed, project number and location/intersection.

5.0 Basis of Payment. Payment for removal, handling and transportation of all equipment specified shall be considered completely covered by the contract unit price for 202-20.10, Removal of Improvements, per lump sum.

N. Alternates for Pavements JSP-96-04G

1.0 Description. This work shall consist of a pavement composed of either portland cement concrete or asphaltic concrete, constructed on a prepared subgrade in accordance with the standard specifications and in conformity with the lines, grades, thickness and typical cross sections shown on the plans or established by the engineer.

1.1 Separate pay items, descriptions and quantities are included in the itemized proposal for each of the alternates. The bidder shall only bid one of the alternates and leave the contract unit price column blank for any pay item listed for any other alternate. If the bidder leaves any value in the unit price column for another alternate other than the one they are bidding, the bid will be rejected.

2.0 Mainline Pavements

2.0.1 A sum of \$948,500 will be added by the Commission to the total bid using an asphalt alternate for the Mainline (Alternate A) pavement for bid comparison purposes to factor in life cycle cost analysis of the roadway. The additional amount added will not represent any additional payment to be made to the successful bidder and is used only for determining the low bid.

2.0.2 A sum of \$20,200 will be added by the Commission to the total bid using an asphalt alternate for the Outer Road (Alternate E) pavement for bid comparison purposes to factor in life cycle cost analysis of the roadway. The additional amount added will not represent any additional payment to be made to the successful bidder and is used only for determining the low bid.

2.1 A2 Shoulders

2.1.1 A sum of \$155,400 will be added by the Commission to the total bid using an asphalt A2 Shoulder alternate for the Mainline Shoulders (Alternate C) pavement for bid comparison purposes to factor in life cycle cost analysis of the roadway. The additional amount added will not represent any additional payment to be made to the successful bidder and is used only for determining the low bid.

2.2 The quantities shown for each alternate reflect the total square yards of pavement surface designated for alternate pavement types as computed and shown on the plans. No additional payment will be made for asphaltic concrete mix quantities to construct the required 1:1 slope along the edge of the pavement, or for tack applied between lifts of asphalt.

2.3 The grading shown on the plans was designed for the thinner concrete pavement alternate.

2.4 Pavement alternates composed of Portland cement concrete shall have contrast pavements for intermittent markings (skips), dotted lines, and solid intersection lane lines. The pavement markings shall comply with Sec 620. No additional payment will be for the contrast pavement markings.

3.0 Method of Measurement. The quantities of concrete pavement will be measured in accordance with Sec 502.14. The quantities of asphaltic concrete pavement will be measured in accordance with Sec 403.22.

4.0 Basis of Payment. The accepted quantity of the chosen alternate and other associated items will be paid for at the unit price for each of the appropriate pay items included in the contract.

4.1 For projects with previously graded roadbeds, any additional quantities required to bring the roadway subgrade to the proper elevation will be considered completely covered by the pay item for Subgrading and Shouldering.

4.2 For projects with grading in the contract, there will be no adjustment of the earthwork quantities due to adjusting the roadway subgrade for alternate pavements.

O. Temporary Long-Term Rumble Strips JSP-13-04C

1.0 Description. The work shall include furnishing, installing, maintaining, and removing long-term rumble strips, as shown in the plans, or as designated by the engineer.

2.0 Material.

2.1 The long-term rumble strips shall be 10 feet to 12 feet in length, fabricated from a polymer material, and be orange in color.

2.2 The long-term rumble strips shall have a minimum width of 4 inches, but no greater than 6 inches. The long-term rumble strips shall have a minimum thickness of 0.25 inch, but no greater than 0.50 inch.

2.3 The long-term rumble strips shall have a pre-applied adhesive backing for securing to the asphalt or concrete roadway surface.

3.0 Construction. Long-term rumble strips layout and spacing shall be in accordance with the plans or as approved by the engineer. The long-term rumble strips shall be installed and removed in accordance with manufacturer's recommendation. The contractor shall monitor and repair, and maintain if necessary the long-term rumble strips until removed.

3.1 Each set shall consist of five individual strips spaced ten to twelve feet on center.

3.2 The long-term rumble strips removal process shall not damage the roadway surface. If any damage occurs to the pavement during the removal of long-term rumble strips, the contractor shall replace or repair the damaged pavement at no cost to the Commission.