

ADDENDUM NO. 3

October 2, 2019

ST. CHARLES COUNTY

ROUTE 364 AT GUTERMUTH ROAD INTERCHANGE STP-7302(669) J6P3350

This Addendum No. 3 modifies original issued bid documents as follows:

1. MODIFICATIONS TO THE PROJECT BID SPECIFICATIONS:

- a) Replace Itemized Bid Form pages “Addendum 1 – Itemized Bid Sheet Page 1 of 5” thru “Addendum 1 – Itemized Bid Sheet Page 5 of 5” with pages “Addendum 3 – Itemized Bid Sheet Page 1 of 5” thru “Addendum 3 – Itemized Bid Sheet Page 5 of 5.”
- b) Replacement Page “Addendum 3 - Itemized Bid Sheet Page 4 of 5” modifies the following bid item quantity:

9104503 #^ Conduit 3” Structure
550.0 LINEAR FEET to 275.0 LINEAR FEET

2. ANSWERS TO CONTRACTOR QUESTIONS FOR CLARIFICATION:

- Q. The State of Missouri requires the use of Aluminum Conduit on their bridges. The plans call for the installation of 2 each 3” conduits to be installed on the Gutermuth Bridge over Route 364. Why would we install 2 ea. 3” conduits on the bridge when this can be done by installing 1 ea 2” Conduit for running the two circuits (Circuit 3 and 4)?
 - A. According to MoDOT’s Engineering Policy Guide Section 901.10.3, 3” conduit is required. The Contractor will only be required to install one of the 3” conduits on the existing Gutermuth Bridge over Route 364, which is why the bid quantity was adjusted above. Attached are two sample drawings provided by MoDOT’s Bridge Division for the conduit installation, which states the conduit shall be rigid nonmetallic schedule 40 heavy wall PVC.
- Q. Can contractors leave the existing 12” rock base in place for the 3ft – 9” PCCP shoulder?
 - A. The existing 12” rock base can be left in place for the installation of the 3 ft – 9” PCCP shoulder.
- Q. If the 12” rock base needs to be removed, should that be paid for as Class A Excavation?

- A. Any costs for the removal of the existing shoulder, and the excavation and grading for the installation of the new Route 364 inside shoulders will be considered incidental to the project.
- Q. Will the inside rumble strips remain in place when traffic is on the new shoulder?
- A. The existing rumble strips will remain in place for this project.
- Q. Do we need to drill #5- 30" tie bars on 30" centers into the existing pavement?
- A. Yes, tie bars will need to be installed into the existing pavement for the new 9" PCCP shoulder. The contractor must plan the work so Pavement Edge Treatment is installed when the inside lanes are open to traffic. Pre-drilling the tie bar holes, and installing the tie-bars the same day of the concrete placement maybe required.
- Q. Can some of the 12" rock base be salvaged and reused under the new 9" pavement for the ramps?
- A. The contractor may reuse the existing 12" rock base provided it meets the requirement in Section 303 of MoDOT's Current Specifications.
- Q. Can we have a combination where we close the road to thru traffic and maintain the local and emergency traffic?
- A. The County intends to keep Gutermuth Road open to two-way traffic for the duration of the project. The detour plan shown on Plan Sheet 85 is intended to only be used for emergency situations.

The CONTRACTOR shall sign this addendum acknowledgment and return it with the bid proposal.

Addendum No. 1	Dated	<u>September 26, 2019</u>
Addendum No. 2	Dated	<u>September 26, 2019</u>
Addendum No. 3	Dated	<u>October 2, 2019</u>

We, the undersigned, acknowledge the receipt of the above addendum(s) as dated.

By: _____

Title: _____

Date: _____

Contractor Name: _____

Route 364 at Gutermuth Road Interchange STP-7302(669)					
Item No.	Description	Units	Quantity	Unit Price	Total Price
Roadway Items					
2013000	CLEARING & GRUBBING	AC	2.4		\$
2022010	REMOVAL OF IMPROVEMENTS	L.S.	1		\$
2031000	CLASS A EXCAVATION	C.Y.	68,777		\$
2035500	EMBANKMENT IN PLACE	C.Y.	6,761		\$
2036000	COMPACTING EMBANKMENT	C.Y.	58,462		\$
2042010	SETTLEMENT GAUGE	EA	6		\$
3039905	12" ROCK BASE	S.Y.	17,892		\$
3105003	GRAVEL DRIVEWAY	S.Y.	333		\$
3040504	4" TYPE 5 AGGREGATE BASE	S.Y.	7,446		\$
3040506	TRUCK APRON 6" TYPE 5 AGGREGATE BASE	S.Y.	977		\$
4010151	A3 SHOULDER	S.Y.	6,664.10		\$
5021309	9" NRPCC	S.Y.	11,227.40		\$
5021308	8" NRPCC	S.Y.	6,148.60		\$
5029905	TRUCK APRON STAINED 9" NRPCC	S.Y.	857.4		\$
6061060	MGS GUARDRAIL SYSTEM	L.F.	1,138		\$
6061061	MGS GUARDRAIL, 8 FT. POSTS	L.F.	350		\$
6061070	MGS VERTICAL BARRIER TRANSITION SECTION	EA	1		\$
6061080	MGS END ANCHOR	EA	3		\$
6063014	TYPE A CRASHWORTHY END TERMINAL (MASH)	EA	5		\$
6063015	TYPE A CRASHWORTHY END TERMINAL (TL-2)	EA	2		\$
6071012	5' CHAIN LINK FENCE	L.F.	1,444		\$
6071040	CHAIN LINK DRIVE GATE	EA	1		\$
6071050	WALL MOUNTED CHAIN LINK FENCE	L.F.	187		\$
6071102	MODIFIED TYPE B GUTTER	L.F.	187		\$
6081000	MOBILIZATION	L.S.	1		\$
6081000	CONCRETE MEDIAN	S.Y.	1,011.40		\$
6081010	CONCRETE CURB RAMP	S.F.	1,002.00		\$
6081012	TRUNCATED DOMES	S.F.	214		\$
6085006	6" CONCRETE APPROACH PAVEMENT	S.Y.	88.7		\$
6085007	7" CONCRETE APPROACH PAVEMENT	S.Y.	75.9		\$
6086004	4" CONCRETE SIDEWALK	S.Y.	1,100.10		\$
6086006	6" CONCRETE SIDEWALK	S.Y.	37.8		\$
6086007	7" CONCRETE SIDEWALK	S.Y.	39.6		\$
6091010	CURB TYPE S BARRIER CURB	L.F.	112		\$
6091042	TYPE B GUTTER	L.F.	1,449		\$
6091052	6" VERTICAL CURB & GUTTER	L.F.	3,655		\$
6092011	6" INTEGRAL VERTICAL CURB	L.F.	724		\$
6092013	3" LOW PROFILE CURB	L.F.	736		\$
6097000	ROCK LINING	C.Y.	5		\$
6099903	3" LOW PROFILE CURB & GUTTER	L.F.	147		\$

6113020	FURNISHING 2' ROCK BLANKET	C.Y.	2,237		\$
6113040	PLACING 2' ROCK BLANKET	C.Y.	2,237		\$
6189902	ADDITIONAL MOBILIZATION FOR SEEDING	EA	4		\$
6240103A	EROSION CONTROL GEOTEXTILE	S.Y.	3,354		\$
6273000 *	AS-BUILT DRAWINGS	L.S.	1		\$
6274000	SURVEYING & STAKING	L.S.	1		\$
7059904	CAST IN PLACE (CIP) WALL	S.F.	96		\$
7201000	MECHANICALLY STABILIZED EARTH WALL SYSTEMS	S.F.	1,761		\$
7209904	SOUND WALL	S.F.	24,047		\$
7250412	12" GROUP C PIPE	L.F.	38		\$
8031000A **	SODDING	S.Y.	350		\$
8051000A	SEEDING - COOL SEASON MIXTURES	AC	11.5		\$
8061003	SEDIMENT TRAP ROCK EXCAVATION	EA	4		\$
8061004	SEDIMENT TRAP ROCK	EA	4		\$
8061005	ROCK DITCH CHECK	EA	61		\$
8061007A	CURB INLET CHECK	EA	28		\$
8061016	SEDIMENT REMOVAL	C.Y.	159		\$
8061019	SILT FENCE	L.F.	10,224		\$
8064121	EROSION CONTROL BLANKET	S.Y.	24,552		\$
8065000 ***	TEMPORARY SEEDING	AC	10		\$
JSP-NN ****	ON THE JOB TRAINING HOURS	HR	1,000	\$ 10.00	\$ 10,000.00
Roadway Subtotal					\$
Drainage Items					
2063000	CLASS 3 EXCAVATION	C.Y.	3,356		\$
6097000	ROCK LINING	C.Y.	55		\$
6141021	GRATE AND BEARING PLATE (3 FT X 2 FT OR 914 MM X 610 MM)	EACH	1		\$
6143011	MANHOLE FRAME AND COVER, TYPE 1-B	EACH	5		\$
6143012	MANHOLE FRAME AND COVER, TYPE 2	EACH	4		\$
7250424	24 IN. PIPE GROUP C	L.F.	66		\$
7261012	12 IN. PIPE GROUP A	L.F.	983		\$
7261015	15 IN. PIPE GROUP A	L.F.	48		\$
7261018	18 IN. PIPE GROUP A	L.F.	562		\$
7261024	24 IN. PIPE GROUP A	L.F.	601		\$
7261030	30 IN. PIPE GROUP A	L.F.	718		\$
7261036	36 IN. PIPE GROUP A	L.F.	205		\$
7261048	48 IN. PIPE GROUP A	L.F.	12		\$
7311032	PRECAST CONCRETE DROP INLET 3 FT X 2 FT	L.F.	5		\$
7310048	PRECAST CONCRETE MANHOLE - 48 IN.	L.F.	30		\$
7310060	PRECAST CONCRETE MANHOLE - 60 IN.	L.F.	55		\$
7310072	PRECAST CONCRETE MANHOLE - 72 IN.	L.F.	29		\$
7319902	SINGLE CURB INLET, UNTRAPPED	EACH	14		\$
7319902A	DOUBLE CURB INLET, UNTRAPPED	EACH	3		\$
7320612A	12 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EACH	2		\$
7320618A	18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EACH	7		\$
7320624A	24 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EACH	6		\$

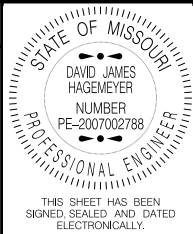
7320630A	30 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EACH	10		\$
7320648A	48 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EACH	2		\$
7320824A	24 IN. OR ALLOWED SUBSTITUTE GROUP C FLARED END SECTION	EACH	4		\$
Drainage Subtotal					\$
Bridge Items					
2061000	CLASS 1 EXCAVATION	CY	35		\$
2163000	PARTIAL REMOVAL OF EXISTING BRIDGE DECK	SF	369		\$
2163502	PARTIAL REMOVAL OF SUBSTRUCTURE CONCRETE	LS	1		\$
5031010	BRIDGE APPROACH SLAB (MAJOR)	SY	45		\$
7021212	GALVANIZED STRUCTURAL STEEL PILE (12")	LF	238		\$
7027000	PILE POINT REINFORCEMENT	EA	4		\$
7032003	CLASS B CONCRETE (SUBSTRUCTURE)	CY	9.2		\$
7034213	SLAB ON CONCRETE I-GIRDER	SY	98		\$
7034215	SAFETY BARRIER CURB	LF	103		\$
7056002	TYPE 4 (45 IN.) PRESTRESSED CONCRETE I-GIRDER	LF	78		\$
7071000	CONDUIT SYSTEM ON STRUCTURE	LS	1		\$
7123301	STEEL INTERMEDIATE DIAPHRAGM FOR P/S CONCRETE GIRDERS	EA	1		\$
7151001	VERTICAL DRAIN AT END BENTS	EA	2		\$
7161002	LAMINATED NEOPRENE BEARING PAD	EA	1		\$
7161003	LAMINATED NEOPRENE BEARING PAD (TAPERED)	EA	1		\$
Bridge Subtotal					\$
Traffic Items					
6161005	CONSTRUCTION SIGNS	SF	1,207		\$
6161010	RELOCATED SIGNS	SF	1,054		\$
6122017	IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	EA	2		\$
6122020	REPLACEMENT SAND BARREL	EA	4		\$
6122030	IMPACT ATTENUATOR (RELOCATION)	EA	2		\$
6123000A	TRUCK OR TRAILER MOUNTED ATTENUATOR	EA	2		\$
6161008	ADVANCED WARNING RAIL SYSTEM	EA	6		\$
6161009	FLAG ASSEMBLY	EA	6		\$
6161025	CHANNELIZER (TRIM LINE)	EA	163		\$
6161031	TYPE III MOVEABLE BARRICADE WITH LIGHTS	EA	39		\$
6173600D	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED	LF	2,488		\$
6173700B	TEMPORARY TRAFFIC BARRIER ANCHORED CONTRACTOR FURNISHED/RETAINED	LF	1,025		\$
6174000A	TEMPORARY TRAFFIC BARRIER HEIGHT TRANSITION	EA	4		\$
6175010A	RELOCATING TEMPORARY TRAFFIC BARRIER	LF	2,475		\$
6175011B	RELOCATING TEMPORARY TRAFFIC BARRIER ANCHORED	LF	975		\$
6175020A	RELOCATING TEMPORARY TRAFFIC BARRIER HEIGHT TRANSITION	EA	4		\$
6161098A	CHANGEABLE MESSAGE SIGN W/O COMM. CONTRACTOR FURNISHED/RETAINED	EA	4		\$
6169902	TYPE II ADA BARRICADE	EA	4		\$
6191000	PAVEMENT EDGE TREATMENT	LF	7,474		\$
6205301B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHITE	LF	28,015		\$
6205303B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW	LF	31,843		\$
6209903	TEMPORARY REMOVABLE MARKING TAPE 12 IN., YELLOW	LF	272		\$

6205440A	TEMPORARY NON-REMOVABLE MARKING TAPE LEFT/RIGHT ARROW	EA	4		\$
6207001	PAVEMENT MARKING REMOVAL	LF	82,909		\$
6205902A	6" WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT	LF	17,505		\$
6205906A	12" WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT	LF	2,804		\$
6206124A	24" WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT	LF	210		\$
6205901A	4" YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT	LF	6,119		\$
6205903A	6" YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT	LF	13,036		\$
6206125A	24" YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT	LF	199		\$
6200042	24" YIELD BAR PREFORMED THERMOPLASTIC PAVEMENT MARKING	EA	50		\$
6200021	LEFT/RIGHT ARROW PREFORMED THERMOPLASTIC PAVEMENT MARKING	EA	7		\$
6209902	MERGE ARROW PREFORMED THERMOPLASTIC PAVEMENT MARKING	EA	2		\$
6200036	30" WHITE CROSSWALK PREFORMED THERMOPLASTIC PAVEMENT MARKING	EA	37		\$
9013003	CONDUIT 3" TRENCHED	LF	250		\$
9013004	CONDUIT 4" TRENCHED	LF	30		\$
9014003	CONDUIT 3" PUSHED	LF	130		\$
9014503 #^	CONDUIT 3" STRUCTURE	LF	275		\$
9017407	1" CABLE CONDUIT 2C#8 WITH BARE NEUTRAL	LF	8,630		\$
9015010	TYPE I TRENCHING	LF	6,290		\$
9017002	CABLE 1C#2	LF	260		\$
9011030	LIGHTING POLE, 30 FT, TYPE AT	EA	20		\$
9011060	LIGHTING POLE, 45 FT, TYPE AT	EA	4		\$
9011108	8' BRACKET ARM	EA	20		\$
9011115	15' BRACKET ARM	EA	4		\$
9011311	TYPE A LED LUMINAIRE	EA	20		\$
9011312	TYPE B LED LUMINAIRE	EA	4		\$
9017110	POLE & BRACKET CABLE #10	LF	2,000		\$
9018230	POLE FOUNDATION 30'	EA	20		\$
9018245	POLE FOUNDATION 45'	EA	4		\$
9016110	CLASS I PREFORMED PULL BOX	EA	25		\$
9016111	CLASS 2 PREFORMED PULL BOX	EA	1		\$
9012230	BASE MOUNTED CONTROL STATION 240V	EA	1		\$
9018611	POWER SUPPLY	EA	1		\$
9031210	STRUCTURAL STEEL	LBS	5,332		\$
9031250	U CHANNEL POST	LF	34		\$
9031270A	2" PSST POST	LF	636		\$
9031271	2" PSST ANCHOR 12 GAUGE	LF	147		\$
9031280	2.5" PSST POST	LF	493		\$
9031272	2.25" PSST INSERT	LF	112		\$
9031281	25" PSST ANCHOR 12 GAUGE	LF	99		\$
9031241	PSST BREAKAWAY ASSEMBLY	EA	8		\$
9035004A	FLAT SHEET (SH) SIGN	SF	673		\$
9035011A	STRUCTURAL (ST) SIGN	SF	1,016		\$
9109902	MODOT BURIED CABLE DRIVEABLE DELINEATOR POST	EA	5		\$

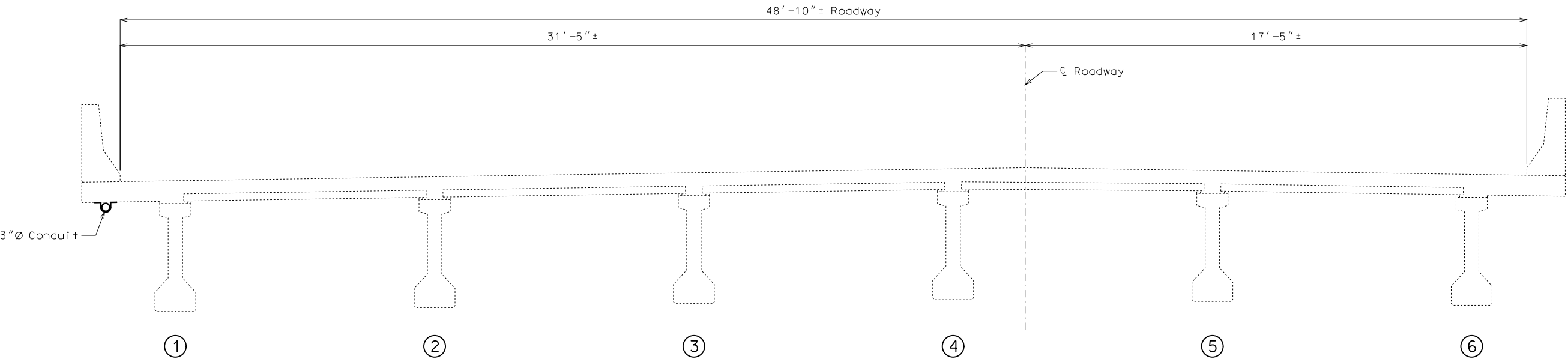
9103700	INSTALL CCTV CAMERA ASSEMBLY	EA	1		\$
9029901	FIBER MANAGEMENT TOOL	LS	1		\$
9109903	CONDUIT, PVC, TRENCHED 2"	LF	29		\$
9109903	CONDUIT, PVC, PUSHED 2"	LF	1,296		\$
9109902	INTERCEPT CONDUIT WITH PULL BOX	EA	5		\$
9106111	PULL BOX, CLASS 1	EA	2		\$
9109902	ITS PULL BOX, CLASS 5	EA	4		\$
9109902	FIELD TERMINAL CABINET, TYPE 7, FURNISH AND INSTALL	EA	1		\$
9109100	BASE, CONCRETE	CY	2		\$
9109903 ##	FIBER OPTIC CABLE, 72 STRAND, SINGLE MODE	LF	1,080		\$
9109903 ###	FIBER OPTIC CABLE, 24 STRAND, SINGLE MODE	LF	1,310		\$
9109902	FIBER OPTIC PIGTAIL, SM, FURNISH AND INSTALL	EA	4		\$
9109902	FIBER OPTIC JUMPER, SM, FURNISH AND INSTALL	EA	4		\$
9109902	RACK-MOUNTED PATCH PANEL ENCLOSURE, FURNISH AND INSTALL	EA	1		\$
9109902	RACK-MOUNTED INTERCONNECT CENTER, FURNISH AND INSTALL	EA	1		\$
9109902	FIBER OPTIC SPLICE	EA	214		\$
9109902	RELOCATE EXISTING COMMUNICATION EQUIPMENT	EA	1		\$
9109902	UNDERGROUND FIBER CABLE SPLICE ENCLOSURE	EA	4		\$
9109902 #####	VERTICAL MOUNTING ARM ON EXISTING DMS	EA	1		\$
9028202	CABLE, 2 AWG 1 CONDUCTOR, POWER CABLE	LF	3,820		\$
9028208	CABLE, 8 AWG 1 CONDUCTOR, POWER CABLE	LF	430		\$
Traffic Subtotal					\$
TOTAL:					\$

U.I.P. AND REHAB. EXISTING (64'-64'-64'-64'-64') PRESTRESSED CONCRETE I-GIRDER SPANS (SQUARE)

SEC/SUR 5 TWP 28N RGE 22W



DATE PREPARED 2/2/2017	
ROUTE 60	STATE MO
DISTRICT BR	SHEET NO. 1
COUNTY GREENE	
JOB NO. J8P3102	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A41471	



SECTION THRU EXISTING SLAB

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Miscellaneous:
Outline of old work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before ordering new material.

Traffic Handling:
Traffic to be maintained on structure during construction.

Estimated Quantities		
Item		Total
Conduit System on Structure	lump sum	1

Addendum 3, dated October 2, 2019
Route 364 At Gutermuth Road Interchange
STP-7302(669)

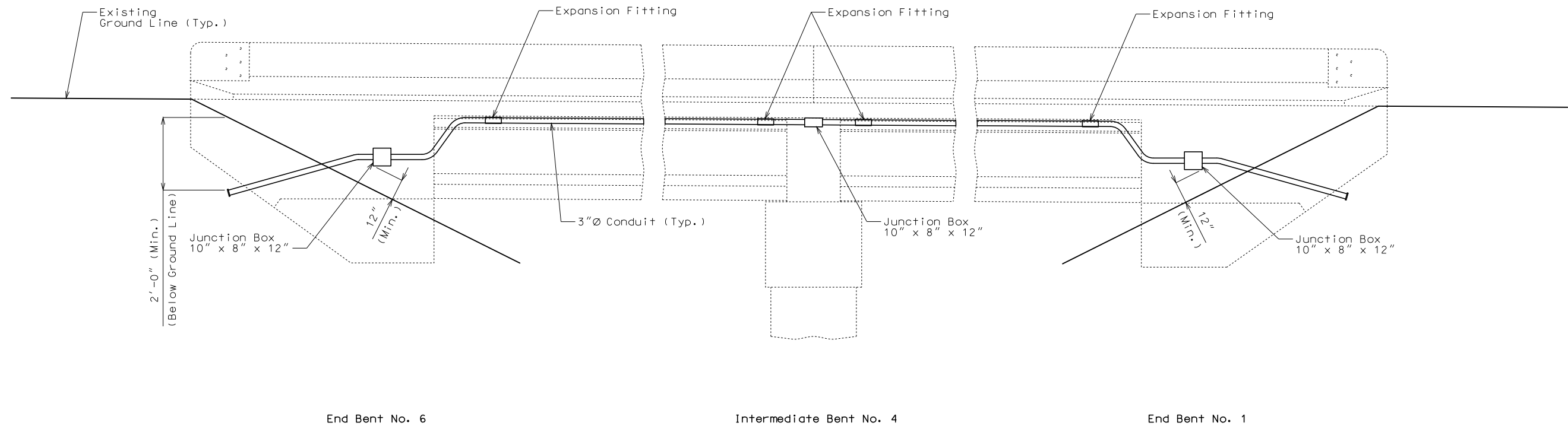
BRIDGE: ROUTE 60 OVER SOUTH CREEK
ROUTE 60 FROM ROUTE 413 TO ROUTE 160
ABOUT 0.3 MILE N.W. OF ROUTE 160
STA. 120+44.50± (Match Existing)

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



Notes:

All conduit shall be rigid nonmetallic schedule 40 heavy wall polyvinyl chloride (PVC). Each section of conduit shall bear the Underwriters Laboratories (UL) label.

All conduit clamps shall be commercially-available, nonmetallic conduit clamps and approved by the engineer.

Anchor bolts and nuts shall be ASTM F1554 Grade 55. Anchor bolts, nuts and washers shall be fully galvanized.

For details of light standards and wiring, see electrical plans.

Expansion fittings shall be placed as shown and set in accordance with the manufacturer's requirements and based on air temperature at the time of setting given an estimated total expansion movement of 9 1/2 inches at closed joints using a maximum temperature range of 110° F. Additional expansion fittings beyond what is specified on the bridge plans shall be provided and placed in accordance with the conduit manufacturer's recommendations.

All end bent and slab overhang junction boxes shall be PVC molded in accordance with Sec 1062 and designed for surface mounting. The conduit terminations shall be permanent or separable. The terminations and covers shall be of watertight construction and shall meet the requirements for NEMA 4 enclosure.

Weep holes shall be provided at low points or other critical locations to drain any moisture in the conduit system. Conduit shall be sloped to drain.

All conduits shall be secured to concrete with nonmetallic clamps at about 5'-0" cts. Concrete anchors for clamps shall be in accordance with Federal Specification FF-S-325, Group II, Type 4, Class I and shall be galvanized in accordance with ASTM A153, B695-91 Class 50 or stainless steel. Minimum embedment in concrete shall be 1 3/4". The supplier shall furnish a manufacturer's certification that the concrete anchors meet the required material and galvanizing specifications.

Payment for furnishing and installing Conduit System, complete in place, will be considered completely covered by the contract lump sum price for Conduit System on Structure.

Addendum 3, dated October 2, 2019
Route 364 At Gutermuth Road Interchange
STP-7302(669)

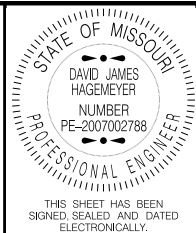
Page 4 of 4

DETAILS OF CONDUIT SYSTEM ON LEFT SLAB OVERHANG

Detailed Jan. 2017
Checked Jan. 2017

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 2 of 2



DATE PREPARED
2/2/2017

ROUTE 60 STATE MO
DISTRICT BR SHEET NO. 2

COUNTY GREENE
JOB NO. J8P3102
CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A41471

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.