Addendum

Iowa Department of Transportation Date of Letting: June 21, 2016

Office of Contracts Date of Addendum: June 15, 2016

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
006	77-C077-203	BRIDGE REPLACEMENT - PPCB	POLK	BRM-C077(203)8N-77	21JUN006.A01

Make the following change to the ESTIMATING PROPOSAL, Page 1:

From: Predetermined Wages Are Not In Effect To: Predetermined Wages Are In Effect

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0160 2402-2720000 EXCAVATION CLASS 20:

From: 75.000 CY To: 139.000 CY

Change Proposal Line No. 0170 2403-0100010 STRUCTURAL CONCRETE (BRIDGE):

From: 288.800 CY To: 312.600 CY

Change Proposal Line No. 0180 2404-7775000 REINFORCING STEEL:

From: 3,734.000 LB To: 5,713.000 LB

Change Proposal Line No. 0190 2404-7775005 REINFORCING STEEL, EPOXY COATED:

From: 60,238.000 LB To: 61,475.000 LB

Add Proposal Line No. 0401 2402-2721000 EXCAVATION CLASS 21; 207.000 CY

If the above changes are not made, they will be made as shown here.

Replace plan sheet C.01, C.02, & D.01 with attached.

Plan Sheet C.01 is submitted. The following changes were made:

- The reference note for Item 16, Class 20 Excavation, was revised to read "QUANTITY FOR ABUTMENTS AND PIER EXCAVATION. SUITABLE MATERIAL CAN BE USED FOR CLASS 10, ROADWAY MATERIAL IN FORESLOPES AND BERMS AS APPROVED BY ENGINEER.
- The quantity for Item 16, EXCAVATION, CLASS 20 was changed to 139.00 CY.
- Item 17, EXCAVATION, CLASS 21, was added with a quantity of 207 CY.

- A note for Item 17, EXCAVATION, CLASS 21, was added "INCLUDES NECESSARY EXCAVATION FOR PIERS BELOW EXCAVATION CLASSIFICATION LINE, ELEV. 885.00."
- The quantity for Item 18, STRUCTURAL CONCRETE (BRIDGE) was changed to 312.000 CY.
- The quantity for Item 19, REINFORCING STEEL was changed to 5,713.000 LB.
- The quantity for Item 20, REINFORCING STEEL, EPOXY COATED was changed to 61,475.000 LB.
- The remaining items and notes were renumbered to reflect the added item.

Plan Sheet C.02 is submitted. The following change was made:

• The "BRIDGE APPROACH SECTION" tabulation was added to the sheet.

Plan Sheet D.01 is submitted. The following change was made:

• The excavation classification line for Class 20/Class 21 with an elevation of 865.00 was added to the profile section of this sheet.

	ESTIMATE REFERENCE INFORMATION PC100-4	ESTIMATE REFERENCE INFORMATION PC1004
	Data listed below is for informational purposes only and shall not constitute a basis for any extra work orders.	Data listed below is for informational purposes only and shall not constitute a basis for any extra work orders.
ITEM NO.	DESCRIPTION	ITEM NO. DESCRIPTION
	200 31 111 111 111	
I. Clearing an A. B.	LIMITS OF CLEARING AND GRUBBING SHALL BE STA. 12+00 TO STA. 19+00. NO BURNING WILL BE ALLOWED ON THIS PROJECT	16. Class 20 Excavation A. QUANTITY FOR ABUTMENTS AND PIER EXCAVATION. SUITABLE MATERIAL CAN BE USED FOR CLASS 10, ROADWAY MATERIAL IN FORESLOPES AND BERMS AS APPROVED BY ENGINEER.
C.	TREES INCLUDED IN CLEARING AND GRUBBING MAY BE INHABITED BY THE INDIANA BAT (MYOTIS SODALIST), A STATE AND FEDERAL LISTED ENDANGERED SPECIES. REMOVING A TREE, BETWEEN APRIL 1st AND SEPTEMBER 30th, BEING USED BY AN INDIANA BAT CONSTITUTES	17. Class 21 Excavation A. INCLUDES NECESSARY EXCAVATION FOR PIERS BELOW EXCAVATION CLASSIFICATION LINE, ELEV. 885.00
	"TAKING" OF A PROTECTED SPECIES, WHICH IS PUNISHABLE BY LAW. CONTRACTING AUTHORITY SHALL CUT DOWN TREES INCLUDED IN CLEARING AND GRUBBING PRIOR TO APRIL 1st, 2016. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING AND GRUBBING OF FELLED TREES.	18. Structural Concrete (Bridge) A. THE COST OF FURNISHING AND PLACING ABUTMENT SUBDRAINS (INCLUDING EXCAVATION), GRANULAR BACKFILL, POROUS BACKFILL, AND SUBDRAIN OUTLET SHALL BE INCLUDED IN THE
2. Special Ba A.	CKTIII. MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 2102 OF THE IOWA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.	PRICE BID FOR "STRUCTURAL CONCRETE (BRIDGE)". NO EXTRA PAYMENT WILL BE MADE. 19. REINFORCING STEEL
В.	SALVAGED HMA OR UNCLASSIFIED ASPHALT MILLINGS MAY BE USED AS ROADWAY SUBBASE. IF THE CONTRACTOR ELECTS TO UTILIZE ASPHALT CEMENT CONCRETE MILLINGS, THE MATERIAL	A. REINFORCING STEEL (BLACK BAR) QUANTITY FOR PIER ENCASEMENTS, SEE SH. U.01. FOR 2122. Beams, Pretensioned, Prestressed Concrete Beams A46, A55
	SHALL BE CRUSHED OR PULVERIZED SO 100% WILL PASS THE 1 1/2 INCH SIEVE SCREEN WITH NO OTHER GRADATION REQUIREMENTS.	A. BID PRICE TO INCLUDE COST OF COIL RODS, COIL TIES, PREFORMED JOINT FILLER AND ALL BEARING MATERIALS. 26. Cmp, Entrance Pipe, 18 In. Dia.
A.	, Class 10 Roadway LIMITS OF GRADING ON THIS PROJECT ARE FROM STA. 11+75 TO STA. 19+25.	A. SEE STANDARD ROAD PLAN, DR-101, DR-102, DR-104.
В.	TYPE A COMPACTION WILL BE REQUIRED. QUANTITY INCLUDES 35% SHRINKAGE FACTOR.	B. ALL CULVERTS TO BE STAKED AND FIELD VERIFIED BEFORE DELIVERY IS TO BE MADE.
C.	NO OVERHAUL WILL BE ALLOWED.	C. ALL CORRUGATED METAL CONNECTING BANDS TO BE MINIMUM OF 24 INCHES IN LENGTH,
D.	THERE ARE APPROXIMATELY 1,841 C.Y. AVAILABLE IN ON-SITE CUT AND FROM CLASS 13 EXCAVATION THE REMAINING 5,102 C.Y. OF SUITABLE MATERIAL SHALL BE FURNISHED BY THE	ANNULAR BANDS ONLY. D. ALL PIPE CULVERTS SHALL BE THE GAUGE AND CORRUGATION SHOWN ON THE TABULATION
	CONTRACTOR, FROM A SOURCE APPROVED BY THE ENGINEER. APPROVAL OF BORROW MUST BE OBTAINED PRIOR TO ANY EXCAVATION, INCLUDING, IF NECESSARY, A POLK COUNTY SURVEY	E. SEE "TABULATION OF DRAINAGE STRUCTURES BY ROAD CONTRACTOR" FOR ADDITIONAL INFORMATION.
. Excavation A.	, Class 13 Roadway EXCAVATION CLASS 13 QUANTITY (1,431 C.Y.) WILL BE FOR REMOVAL OF OLD ROADBED	F. ALL CORRUGATED METAL PIPE CULVERTS SHALL MEET THE REQUIREMENTS OF ASHTO SPECIFICATION M36, TYPE I, ANNULAR RIVETED OR SPIRAL WELDED SEAM PIPE , IN THE GAUGE
. Class 10 C	hannel Excavation	AND CORRUGATION SHOWN ON THE TABULATION SHEET. HELICAL LOCK SEAM PIPE WILL NOT BE ALLOWED.
A.	MATERIAL FROM CLASS 10 CHANNEL EXCAVATION TO BE DISPOSED OF ON SITE AS DIRECTED BY THE ENGINEER. SUITABLE MATERIAL MAY BE USED FOR CLASS 10 ROADWAY MATERIAL IN FORESLOPES AND BERMS AS APPROVED BY ENGINEER.	G. ALL PIPE REMOVALS TO BECOME PROPERTY OF THE CONTRACTOR. 27. Piles, HP 10X57
. Topsoil. Fu	rnish and Spread	A. REFER TO PILING NOTES, SHEET Q.02.
A.	SHALL BE IN ACCORDANCE WITH SECTION 2105 OF THE STANDARD SPECIFICATIONS.	28. Prebored Holes
	TOURIDERS, Type B	A. SEE SITUATION PLAN FOR DETAILS ON DEPTH OF PREBORED HOLES.
Α.	CONSTRUCTION SHALL BE IN ACCORDANCE WITH SECTION 2121 OF THE STANDARD SPECIFICATIONS. EXCEPT GRANULAR SHOULDER MATERIAL SHALL BE FULL DEPTH WITH NO EARTH SHOULDER CONSTRUCTION REQUIRED.	29. Temporary Sheet Piles and Shoring A. REFER TO W SHEETS FOR ANTICIPATED SHEET PILE LOCATIONS. LUMP SUM PAYMENT FOR SHEET PILE AND SHORING WILL BE FULL COMPENSATION FOR FURNISHING AND PLACING ALL
В.	THE EQUIPMENT USED TO SPREAD AND EQUALIZE THE GRANULAR SHOULDER MATERIAL SHALL CONFORM TO STANDARD SPECIFICATION 2001.13D. SPREADERS MOUNTED ON THE FRONT OF A	TEMPORARY SHEET PILING NECESSARY FOR STAGED CONSTRUCTION, AND FOR REMOVAL OR ABANDONMENT OF SHEET PILING AS NECESSARY TO COMPLETE CONSTRUCTION.
^	MOTOR GRADER WILL NOT BE ALLOWED.	30. Revetment, Special
C.	MORE THAN ONE PASSAGE OF THE SPREADING AND FINISHING EQUIPMANT MAY BE REQUIRED TO OBTAIN THE DESIRED CROSS SLOPE AND CROSS SECTION.	A. SEE "TABULATION OF REVETMENT" FOR LOCATIONS.
D.	MATERIAL SHALL BE SAME AS CLASS A , CRUSHED STONE, GRADATION NO. 11 OR AT THE	B. RIPRAP SHALL BE PLACED AS SOON AS POSSIBLE AFTER CHANNEL EXCAVATION AND AS ORDERED BY THE ENGINEER.
	CONTRACTORS OPTION, ASPHALT MILLINGS MAY BE UTILIZED. IF THE CONTRACTOR ELECTS TO UTILIZE ASPHALT MILLINGS, THE MATERIAL SHALL BE CRUSHED OR PULVERIZED SO 100% SHALL PASS THE 1 1/2 INCH SIEVE SCREEN WITH NO OTHER GRADATION REQUIREMENTS.	C. CONTRACTOR TO MACHINE PLACE, THEN KEY INTO POSITION BY HAND WORKING AS DIRECTED BY THE ENGINEER.
B. Bridge App	oroach, Secondary Roads	D. MATERIAL SHALL CONFORM TO THE FOLLOWING GRADATION :
Α.	SEE STANDARD ROAD PLAN BR-106.	STONE WT. LBS. MINIMUM % LARGER THAN
В.	PRICE BID TO INCLUDE COST OF ALL MATERIAL, LABOR AND EQUIPMENT TO CONSTRUCT APPROACH SECTIONS.	250 0% 90 70% 10 90%
	000,000esal, Intermediate and Surface, 1/2 inch mix	NO MORE THAN 5% SHALL PASS THE 1/2 INCH SIEVE SCREEN.
A. B.	ONE HALF (1/2) WIDTH PAVER SHALL BE USED FOR INTERMEDIATE COURSE AND FULL WIDTH PAVER OR TWO HALF (1/2) WIDTH PAVERS SHALL BE USED FOR SURFACE COURSE. ESTIMATED AT 145 POUNDS PER CUBIC FOOT.	E. METHOD OF MEASUREMENT AND BASIS OF PAYMENT SHALL BE IN ACCORDANCE WITH SECTION 2507 OF THE STANDARD SPECIFICATIONS.
Б. С.	TACK COAT TO BE APPLIED AT A RATE OF 0.10 GALLONS PER SQUARE YARD WITH CSS-1	31. Removal of Pavement
٥.	DILUTED 1:1. COST OF TACK COAT TO BE CONSIDERED INCIDENTAL.	A. REFER TO TABULATION OF " REMOVAL OF PAVEMENT " FOR LOCATIONS.
D.	CERTIFIED PLANT INSPECTION WILL BE REQUIRED ON THIS PROJECT, AS PER SECTION	B. CONTRACTOR TO MAKE NEAT SAW CUTS AT LIMITS OF REMOVALS, AS DIRECTED BY THE ENGINEER. SAW CUTS TO BE CONSIDERED INCIDENTAL TO BID ITEM. ALL MATERIAL TO BECOME
) Hma 3 nor	2521 OF THE STANDARD SPECIFICATIONS. 0,000 esal, Intermediate, 1/2 inch mix	PROPERTY OF THE CONTRACTOR AND DISPOSED OF BY THE CONTRACTOR.
A.	COMPACTION OF THE SURFACE COURSE SHALL BE IN ACCORDANCE WITH SECTION 2303.03,C,5, CLASS I COMPACTION. OF THE STANDARD SPECIFICATIONS.	BURYING OF ASPHALTIC MATERIAL WILL NOT BE ALLOWED. 32. Safety Closure
	SERIOS (SOMI NOTION, OF THE CHANDAND OF EOII IDATIONS.	A. REFER TO "TABULATION OF SAFETY CLOSURES" FOR LOCATIONS.

C.

35. Traffic Control

10. Hma, 3,000,000 esal, Surface, 1/2 inch mix

SPECIFICATIONS.

A. ASPHALT BINDER ESTIMATED AT 5.50%.

11. Asphalt Binder, PG-64-22

12. Hma Pavement Samples

15. Removal of Existing Bridge

COMPACTION OF THE SURFACE COURSE SHALL BE IN ACCORDANCE WITH SECTION 2303.03,C,5,

CONTRACTOR SHALL CUT SAMPLES IN ACCORDANCE WITH SECTION 2303.21 OF THE STANDARD

REFER TO TABULATION "REMOVAL OF EXISTING BRIDGE" FOR LOCATION AND DETAILS.

ALL MATERIALS REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR.

CLASS I COMPACTION, OF THE STANDARD SPECIFICATIONS.

ACRE 2601-2636043 SEEDING AND FERTILIZING (RURAL) 1.50 2602-0000020 SILT FENCE 1,500.00 LF MOBILIZATIONS, EROSION CONTROL 2602-0010010 EACH 1.00 MOBILIZATIONS, EMERGENCY EROSION CONTROL 3.00 2602-0010020 EACH PC100-4 **ESTIMATE REFERENCE INFORMATION** 07-24-97 Data listed below is for informational purposes only and shall not constitute a basis for any extra work orders. ITEM NO. DESCRIPTION A. SHALL BE IN ACCORDANCE WITH SECTION 2533 OF THE STANDARD SPECIFICATIONS. 37., 38. Mulching, Seeding, Fertilizing (Rural) MULCH TO BE APPLIED AT THE RATE 1 1/2 TONS DRY CEREAL STRAW PER ACRE. ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY AND TEMPORARY RIGHT-OF-WAY SHALL BE SEEDED AND MULCHED. A. SEE TABULATION OF SILT FENCE FOR LOCATIONS 40.41. Mobilization, Erosion Control, Emergency Erosion Control

A. SHALL BE IN ACCORDANCE WITH SECTION 2602 OF THE STANDARD SPECIFICATIONS.

ESTIMATED QUANTITIES

ITEM DESCRIPTION

HMA MIXTURE (3 000 000 ESAL) INTERMEDIATE COURSE 1/2" MIX

GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE

BEAMS, PRETENSIONED, PRESTRESSED CONCRETE, A46

BEAMS, PRETENSIONED, PRESTRESSED CONCRETE, A55

CULVERT, CORRUGATED METAL ENTRANCE PIPE, 18 IN DIA.

HMA MIXTURE (3,000,000 ESAL) SURFACE COURSE, 1/2" MIX, NO SL

CLEARING AND GRUBBING

EXCAVATION, CL 10, CHANNEL

TOPSOIL, FURNISH AND SPREAD

GRANULAR SHOULDERS, TYPE B

FRICTION REQUIREMENT

2303-6911000 HOT MIX ASPHALT PAVEMENT SAMPLES

SURFACING, DRIVEWAY

EXCAVATION, CLASS 20

EXCAVATION CLASS 21

REINFORCING STEEL

STRUCTURAL STEEL

CONCRETE BARRIER RAILING

PILES, STEEL, HP 10 X 57

PREBORED HOLES

REVETMENT, SPECIAL

SAFETY CLOSURE

TRAFFIC CONTROL

MOBILIZATION

MULCHING

REMOVAL OF PAVEMENT

CONSTRUCTION SURVEY

TEMPORARY TRAFFIC SIGNALS

REMOVAL OF EXISTING BRIDGE

STRUCTURAL CONCRETE (BRIDGE)

REINFORCING STEEL, EPOXY COATED

LONGITUDINAL GROOVING IN CONCRETE

TEMPORARY SHEET PILES AND SHORING

ASPHALT BINDER, PG 64-22

EXCAVATION, CL 10, RDWY AND BORROW

BRIDGE APPROACH, SECONDARY ROADS

EXCAVATION, CLASS 13, ROADWAY AND BORROW

SPECIAL BACKFILL

UNIT TOTAL AS-BUILT

495.00

5,367.00

1,431.00

712.00

750.00

250.00

320.00

458.00

153.00

38.00

1.00

450.00

25.00

1.00

139.00

207.00

312.60

5,713.00

61,475.00

10.00

5.00

3,985.00

505.00

336.90

70.00

2.240.00

100.00

350.00

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ITEM CODE

2101-0850001

2102-0425070

2102-2710070

2102-2713070

2104-2710020

2105-8425005

2121-7425020

2301-0690220

2303-0042500

2303-0043500

2303-0246422

2312-8260051

2315-8275055

2401-6745625

2402-2720000

2402-2721000

2403-0100010

2404-7775000

2404-7775005

2407-0551155

2408-7800000

2412-0000100

2414-6424110

2417-1040018

2501-0201057

2501-6335010

2501-8400170

2507-6850053

2510-6745850

2518-6910000

2526-8285000

2528-8400256

2528-8445110

2533-4980005

2601-2634100

BR-3650 STATE OF IOWA FHWA REGION 7 FISCAL YEAR 2016/17 POLK COUNTY PROJECT NUMBER BRM-CO77(203)--8N-77 SHEET NUMBER C.01

CONTRACTOR TO FURNISH. PLACE AND MAINTAIN ALL SIGNS. POSTS. AND BARRICADES. TYPE "A"

LOW INTENSITY FLASHING LIGHTS REQUIRED, TWO FOR TYPE III BARRICADES AND ONE FOR ALL

THE CONTRACTOR MAY SUBMIT ALTERNATE SIGNING DETAILS TO COINCIDE WITH THE SCHEDULE

OF OPERATIONS FOR ANY VARIATIONS APPROVED OR ORDERED BY THE PROJECT ENGINEER.

TYPE "A" LOW INTENSITY FLASHING LIGHTS REQUIRED, TWO (2) FOR TYPE III BARRICADES AND

ONE (1) FOR ALL OTHER WARNING SIGNS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR MAY SUBMIT ALTERNATE SIGNING DETAILS TO COINCIDE WITH THE SCHEDULE

CONTRACTOR TO FURNISH, PLACE AND MAINTAIN ALL SIGNS, POSTS AND BARRICADES.

OTHER WARNING SIGNS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

OF OPERATIONS FOR VARIATIONS APPROVED OR ORDERED BY THE ENGINEER.

	REMOVAL OF PAVEMENT													
	CATION TO STATION	AREA (Sq. Yds.)	SAWCUT (Feet)	DISPOSAL	REMARKS									
12+00	15+55	846	22'	BY CONTRACTOR										
16+38	19+25	780	22'	BY CONTRACTOR										
TC	DTAL	1626												

REMOVAL OF EXISTING BRIDGE											
LOCATION		DESCRIPTION	DISPOSAL								
ROAD IDENT.	STATION		DISPOSAL								
NE 102 AVENUE	15+98	80' X 18' TWIN 40' SPAN DECK GIRDER BRIDGE	BY CONTRACTOR								

	TABULATION OF SAFETY CLOSURES													
Refer to Section 2518 of the Staqndard Specifications														
	CLOSUR	E TYPE												
STATION	ROAD	HAZARD	REMARKS											
	QTY.	QTY.												
11+00	1													
23+00	1													
TOTAL	2													

TABULATION OF REVETMENT													
LOCATION		TYPE	QUANTITY	REMARKS									
STATION	SIDE	ITPE	TONS	REWARKS									
15+45	LT / RT	SPECIAL	175	WEST ABUTMENT SLOPES									
16+50	LT/RT	SPECIAL	175	EAST ABUTMENT SLOPES									
TOTAL			350										

T.	TABULATION OF SILT FENCE													
Locat	ion		Length	Remarks										
Station to Station	Left	Right	(Lin. Ft.)	Remarks										
11+50 TO 16+30	Х		480											
11+50 TO 16+30		Х	480											
16+80 TO 19+50	Х		270											
16+80 TO 19+50		Х	270											
		TOTAL	1500											

BRIDGE APPROACH SECTION

Refer to the BR Series.

* Not a bid item

1100 0 01																			
	Location Approach Pavement										Dlane								
		Skew Ahead		T	Pay	Non- Reinf.	Single- Reinf.	Double- Reinf.	Scall	dard Road BR Series		* Perforated		*	*	* Class 'A'	Modified Subbase	Polymer Grid	Remarks
Bridge Station	End	J.C.II	7111000	Thickness	Length	Pavement Area	1	Pavement	Approach	Fixed or Movable	Abutting	Subdrain 4"	Subdrain Outlet		Porous Backfill	Crushed Stone			
			Degrees						Approach	Abutment	Pavement					Backfill			
		LEFT	RIGHT	Inches	FT	SY	SY	SY		Add cilienc		LF	STA	Side	CY	CY	TON	SY	
16+00	WEST		15°	10"	60'	107	73	0	BR-106	F	HMA	50	15+15	LT / RT	10		100	180	
16+00	EAST		15°	10"	60'	107	73	0	BR-107	F	HMA	50	16+85	LT / RT	10		100	180	

	DRAINAGE STRUCTURE BY ROAD CONTRACTOR (Not a bid Ref															* Not a bid item																			
Area s)		Size		Length	Class	over	. Ft.	Anron		Apron	Elbow*	ragm -7*	on* -21	ection 13*	ucer*	A danta		ected Joint 14*	Flow	Lina Flav	ations			nsions n. Ft.		Skew A	Ahead		D	ike		Class 20	Embank-ment		
ainage (Acre	Location	Туре		Kind of Pipe	New Const.	dding (Sign O	amber	Apron		Suards RF-26*	RF-13	Diaph RF	Secti RF	"D" Se	Redu	Adapto	15 KI-2	Conne Pipe	Flow Line Elevations		Total Extensions		Degrees		Rt	Location		Туре	Class 20	in Place	Remarks			
۵			Inches		Lin. Ft.	B	ı 🛮 🛎		Inlet	Outlet	No.	No.	No.	No.	No.	No.	Туре	No.	Туре	Lt.	Lt.	Other	LT.	LT.	Lt.	Rt.	Lt.	Rt.	Lt /	Station	Elevation		Cu. Yds.	Cu. Yds.	
0.5	13+20		18	CMP	40	Α	1'													798.4			35'												INLET, FIELD ENTR.
	13+60																				798.3			35'											OUTLET, FIELD ENTR.

br-3650 STATE OF IOWA FHWA REGION 7 FISCAL YEAR 2016/17 POLK COUNTY PROJECT NUMBER BRM-CO77(203)--8N-77 SHEET NUMBER C.02