## Addendum

Iowa Department of Transportation

Office of Contracts

Date of Letting: December 15, 2015 Date of Addendum: December 8, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
019	77-0803-198	BRIDGE AND APPROACHES - STEEL GIRDER	POLK	NHS-080-3(198)12811-77 IN-080-3(207)12815-77	15DEC019.A03

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 1190 2403-0100020 STRUCTURAL CONCRETE (RCB CULVERT): From: 1,150.200 CY To: 1,338.200 CY Change Proposal Line No. 1200 2404-7775000 REINFORCING STEEL: From: 133,965.000 LB

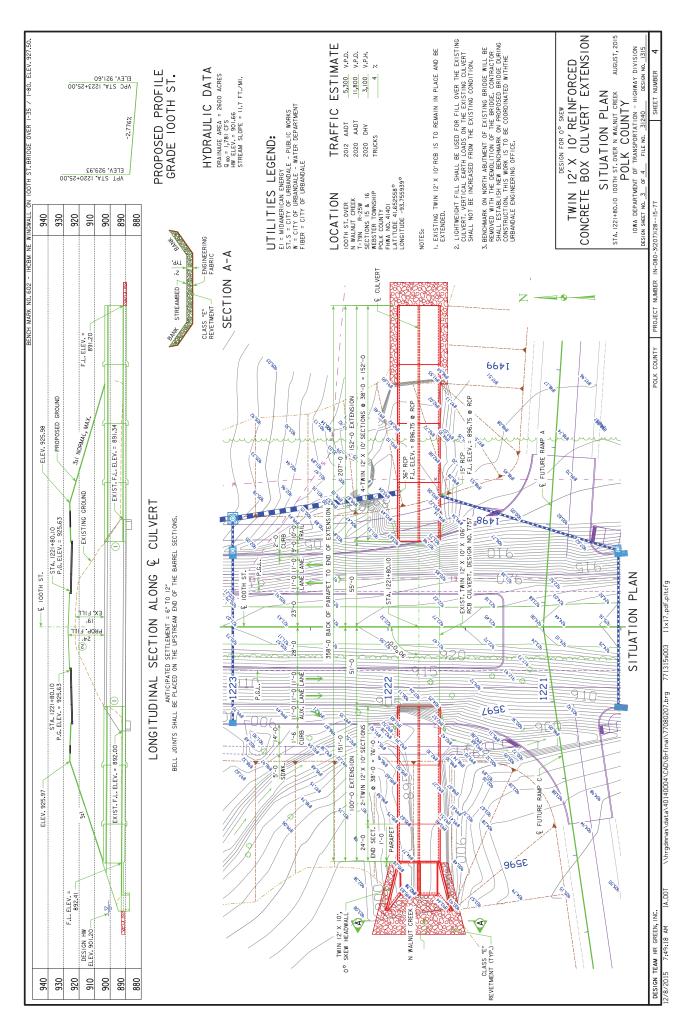
To: 154,982.000 LB

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

Replace plan sheets 2, 4, & 5 with attached sheets for project IN-080-3(207)128--15-77.

0, 22 22 24 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	TEM CODE         ITEM         ITEM         INIT         TOTAL           01-0505060         BASE, STANDARD OR SLIP FORM PC CONCRETE, 6 IN, REINFORCING         S.Y.         429           01-0505000         REXEAVATION, CLASS PER PLAN         C. V.         429           01-0505000         REXEAVATION, CLASS PER PLAN         C. Y.         429           01-0505000         REVENTION, CLASS PER PLAN         C. Y.         940           03-010020         STRUCTING, CLASS PER PLAN         C. Y.         941           03-010020         REVENTION, CLASS PER PLAN         C. Y.         1336.2           03-91999005         NOBILIZATION         S.Y.         411           58-4890005         MOBILIZATION         S.Y.         841           99-9999008         IMERVIOUS GENEMBRANE         C. Y.         812           99-9999008         IMERVIOUS GENEMBRANE         S.Y.         841           99-9999008         IMERVIOUS GENEMBRANE         C. Y.         813           99-99999008 </th <th>UNIT         TOTAL         AS BUILT QUANTITY           S.Y.         429         AS BUILT QUANTITY           S.Y.         429         AS BUILT QUANTITY           C.Y.         429         AS BUILT QUANTITY           C.Y.         429         AS BUILT QUANTITY           C.Y.         910         AS BUILT QUANTITY           C.Y.         910         AS BUILT QUANTITY           S.Y.         1338.2         AI           S.Y.         1338.2         AI           L.S.         1         AI           L.S.         1         AI           L.S.         1         AI           S.Y.         841         AI           MCUDES SETTING OF DOWEL         AI</th> <th>EVENTION AND BE FOR HIGHWAY AND BE FOR HIGHWAY AND BE FORMS, SURVISIONS, SHALL AND SECOLAL FROVISIONS SHALL AND SECOLAL FROVISIONS SHALL AND SECOLA FROVISIONS STREMES SHALL AND SECOLA FROVISIONS SHALL AND SECOLA FROVISIONS STREMES STREMES SHALL AND SECOLA FROVISIONS STREMES STREMES SHALLA FROVISIONS STREMES STREMES SHALLA FROVISIONS STREMES STREMES</th> <th>SUPPERMENTAL SPECTION, STRIES 2 SUPPERMENTAL SPECTIFICATIONS AN PELY TO CONSTRUCTION MORE POLY TO CONSTRUCTION WORK IONS FOR EXAMBED FOLYSTYP IONS FOR EXAMPLE FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTY</th> <th>5, bruch 5, developmental 5, developmental 5, developmental NN This Project NN Fills Project NN Fills Project NN Fills Project S, developmental 5, developmental 4,0 KSI.</th>	UNIT         TOTAL         AS BUILT QUANTITY           S.Y.         429         AS BUILT QUANTITY           S.Y.         429         AS BUILT QUANTITY           C.Y.         429         AS BUILT QUANTITY           C.Y.         429         AS BUILT QUANTITY           C.Y.         910         AS BUILT QUANTITY           C.Y.         910         AS BUILT QUANTITY           S.Y.         1338.2         AI           S.Y.         1338.2         AI           L.S.         1         AI           L.S.         1         AI           L.S.         1         AI           S.Y.         841         AI           MCUDES SETTING OF DOWEL         AI	EVENTION AND BE FOR HIGHWAY AND BE FOR HIGHWAY AND BE FORMS, SURVISIONS, SHALL AND SECOLAL FROVISIONS SHALL AND SECOLAL FROVISIONS SHALL AND SECOLA FROVISIONS STREMES SHALL AND SECOLA FROVISIONS SHALL AND SECOLA FROVISIONS STREMES STREMES SHALL AND SECOLA FROVISIONS STREMES STREMES SHALLA FROVISIONS STREMES STREMES SHALLA FROVISIONS STREMES	SUPPERMENTAL SPECTION, STRIES 2 SUPPERMENTAL SPECTIFICATIONS AN PELY TO CONSTRUCTION MORE POLY TO CONSTRUCTION WORK IONS FOR EXAMBED FOLYSTYP IONS FOR EXAMPLE FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTYP IONS FOLYSTY	5, bruch 5, developmental 5, developmental 5, developmental NN This Project NN Fills Project NN Fills Project NN Fills Project S, developmental 5, developmental 4,0 KSI.
22 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	STANDARD OR SLIP FORM PC CONCRETE, 6 IN. REINFORCING ALS AS PER PLAN ALS AS PER PLAN TURN, CLASS 20 TURN, CONCRES 20 PROVIDES	S.Y.         429           L.S.         1           L.S.         1           C.Y.         138.2           C.Y.         138.2           LB.         154.982           S.Y.         413           S.Y.         413           S.Y.         413           LB.         154.982           S.Y.         413           LS.         1           L.S.         1           L.S.         1           L.S.         1           LS.         841           S.Y.         841           S.Y.         841           S.Y.         841           S.Y.         841           S.Y.         841           Nr. UB SLAB AREA = 210 SY.           INCLUDES SETTING OF DOWEL           MAENT (590 CY) AND THE RCB	DESIGN STRESSE FOR THE SPECIAL I DESIGN STRESSE FOR THE DESIGN STRESSE FOR THE REITHE ASSETTION FOR THE ASSETTION FOR THE REITHE ASSETTION FOR THE ASSETTION FOR THE ASSETTION FOR THE REITHE ASSETTION FOR THE ASSETTION FOR THE ASSETTION FOR THE REITHE ASSETTION FOR THE ASSETTION FOR THE ASSETTION FOR THE REITHE ASSETTION FOR THE AS	MIS_SUPERVIAL SPELY TO CONSTRUCTION WOR AD BROUSIONS FOR EXPANSION WOR AD PROUSIONS FOR EXPANSION FOR EXPER- PROUSIONS FOR EXPANSION FOR EXPER- FECS. ESCS. ESCS. WITH LEFD ANSHTO SECTION 5, FC = 4 WITH LEFD AASHTO SECTION 5, FC = 4	5 SECIAL NI THIS PROJECT. NE FILL SPEADED POLYSTYRENE FILL SPEADED POLYSTYRENE FILL ATES OF 2010. 5, GRADE 60. 4,0 KSL
24 25 25 25 25 25 25 25 25 25 25 25 25 25	ALS AS PER PLAN ALION, CLASS 20 TURAL CONVERT (FC CULVERT) PICING STEL. EERING FABRIC MENT, CLASS E MENT, CLASS E EUCTION STRATE LUCTION STRATE EUCTION STRATE EUCTION STRATE EUCTION STRATE EUCTION STRATE EUCTION STATEMENT (LI, (EFS-33) VIOLS GEOMEMBANE MATE REFERENCE INFOMATION MATE REFERENCE INFOMATION MATE REFERENCE INFOMATION MATE REFERENCE INFOMATION COATED RELINGICIENTIA TO THIS TEM. PORTIONS OF THE EXISTING REG AS NOTED AND SHOWN ON SHEET 3. INTO EXISTING CONCRETE. NITON FOR THE EXANDED POLYSTYRENE FILL IN THE EXISTING EMBAN FORTIONS OF THE EXANDED POLYSTYRENE FILL IN THE EXISTING EMBAN INTO EXISTING CONCRETE. ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAN FORTIONS OF THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAN INTO EXISTING CONCRETE. SEE SHEET 4 FOR EXTENTS.	L-S.     1       L-S.     1       C:Y.     138.2       LB.     154.982       S.Y.     413       S.Y.     841       L-S.     1       C.Y.     841       S.Y.     841       S.Y.     841       S.Y.     841       S.Y.     841       N. NB SLAB AREA = 210 SY.       INCLUDES SETTING OF DOWEL       INCLUDES SETTING OF DOWEL	DESIGN STRESES FOR THE DESIGN STRESES FOR THE METHANGROUNG THE ANSITUTED BRUIN RETINE ANSITUTED BRUIN RETINE ANSITUTED BRUIN RETINE ANSITUTED BRUIN CONCRETE IN ACCORDANCE CONCRETE IN ACCORDANCE CONCRETE IN ACCORDANCE CONCRETE IN ACCORDANCE	PHOVISIONS FOR EPANDED FOLVETYRED FOUNDING FOR ECONGMBRANE OVER E SECS: EFCLONING MATERIALS ARE IN ACCORT ORE FOLLONING MATERIALS ARE IN ACCORT BORDANCE WITH LIFTD AASHTO SECTION 5, FC = 4 WITH LIFTD AASHTO SECTION 5, FC = 4	NE FILL SPANDED POLYSTYRENE FILL DANCE THES of 2010. 5, GRADE 60. 4,0 KSL
25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	A TION, CLASS 20 TURAL CONCRETE (FCB CLUVERT) PRCING STEEL ERING FABRIC BARTY CLASS E RUGTION SLAVEY TZATTON DED POLYSTYREME FILL, (EPS-22) DED POLYSTYREME FILL, (EPS-22) DED POLYSTYREME FILL, (EPS-22) DED POLYSTYREME FILL, (EPS-33) UNIS GEOMEMBRANE MATTE REFERENCE INFOMMATION UNIS GEOMEMBRANE VIOLIS GEOMEMBRANE VIOLIS VIOLIS VIOLIS VIOLIS VIOLIS VIOLIS GEOMEMBRANE VIOLIS GEOMEMBRANE VIOLIS VIO	U::         9342           LB:         1342           LB:         1342           S:Y:         413           S:Y:         413           S:Y:         413           LB:         1           LS:         1           L:S:         1           L:S:         1           C:Y:         841           S:Y.         841           S:Y.         841           S:Y.         841           S:Y.         841           S:Y.         841           N:N. BIJA AFEA = 210 SY.           INCLUDES SETTING OF DOWEL           MMENT (590 CY) AND THE RCB	DESIGN STRESSER PRIDE DESIGN STRESSER PRIDE REINFORCING STREL IN ACCORDANCE CONGRETE IN ACCORDANCE CONGRETE IN ACCORDANCE CONGRETE IN ACCORDANCE CONGRETE IN ACCORDANCE	SES: SES: E PLIVIDIA REPAIRANCE UPPER LE E PLIVIDIA SAFITO SECTION 5, FL 6.1 WITH LEFD ASHTO SECTION 5, FC = 4 WITH LEFD ASHTO SECTION 5, FC = 4	LAF ANGEU FOLTS FITENEE FILL DANGE FRIES 60 2010. 4.0 KS1.
25 25 25 25 25 25 25 25 25 25 25	In other concerts who occentry PROME STEL ERING FABRIC MENT, CLASS E WENT, CLASS E MATE REFERENCE INFORMATION ICATION FOR LOAD DISTRIBUTION SLAB. SOUTHBOUND SLAB AREA = 21 VICIOLS OF LOAD DISTRIBUTION SLAB. SOUTHBOUND SLAB AREA = 21 WENT, CLASS MENGERANE INTO EXISTING CONTENT INCLORATION WITH EXISTING REAL INCLORATION WITH EXISTING REAL INCLORATION WITH EXISTING REAL AND SHOWN ON SHEET 3. FORTION FOR THE EXISTING REA AS NOTED AND SHOWN ON SHEET 3. INTO EXISTING CONCRETE. WITH EXISTING CONCRETE. ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ECTION REQUERED. SUBJECTION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR WITH EXISTING CONCRETE. SUBJECTION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR WITH EXISTING CONCRETE. SUBJECTION FOR AND SHOWN ON SHEET 3. WITH EXISTING CONCRETE. SUBJECTION FOR AND SHOWN ON SHEET 3. WITH EXISTING CONCRETE. SUBJECTION FOR AND SHOWN ON SHEET 3. SUBJECTION FOR AND SHOWN ON SHEET 3. WITH EXISTING CONCRETE. SUBJECTION FOR AND SHOWN ON SHEET 3. WITH EXISTING CONCRETE. SUBJECTION FOR AND SHOWN ON SHEET 3. SUBJECTION FOR AND SHEET SHOWN ON SHEET 3. SUB	U.I.         1-20-04.           LB.         1-20-04.           S.Y.         413           TON         301           L.S.         1           L.S.         1           L.S.         1           C.Y.         382           C.Y.         841           S.Y. NB SLAB AREA = 210 SY.           INCLUDES SETTING OF DOWEL           KMENT (590 CY) AND THE RCB	DESIGN STRESS DESIGN STRESSE FOR THE WITH FILE ANSHTOLERED RANGE CONCRETE IN ACCORDANCE CONCRETE IN ACCORDANCE CONCRETE IN ACCORDANCE CONCRETE IN ACCORDANCE	SES: E POLINIK MATERIALS AFE IN ACCORT E POLINIK MATERIALS AFE IN ACCORT E POLINIK MATHORS, PARA 45 CORREAME WITH LEFD ASHTO SECTION 5, FC = 4 WITH LEFD ASHTO SECTION 5, FC = 4 TO E DE INFODOLINIC STE	DANNEE RIES OF 2010. 5, GRADE 60. 4.0 KS1.
25 25 25 25 25 25 25 25 25	ERING FABRIC MENT, CLASS E MENT, CLASS FICH, MENTAL TO THIS TEM. MATE REFERENCE INFORMATION VIOUS GEOMEMBRANE MATE REFERENCE INFORMATION VIOLS CALED RELING CONCRETE. AND EXISTING CONCRETE. ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR CETION FEATURE.	S.Y.         413         1           TON         301         301           L.S.         1         1           L.S.         1         2           C.Y.         382         2           C.Y.         841         2           S.Y.         841         2           S.Y.         841         2           S.Y.         81         2           SY. NB         S.I.M. OF DOWEL         1	WITH THE ASSITO LEFE BRING WITH THE ASSITO LEFE BRING REINFORCING STELL IN ACCORDANCE CONCRETE IN ACCORDANCE CONCRETE IN ACCORDANCE SUMMARY O	EF FOLLINING MATERINAL ARE IN ACOME REFOLLANCE WITH LAPD ANSHTO SECTION 5, FC = 3, WITH LAPD AASHTO SECTION 5, WITH LAPD AASHTO SECTION 5,	DANNE RRIES OF 2010. 5, GRADE 60. 4.0 KS1.
25 25 25 25 25 25 25 25 25 25 25 25 25 2	MENT, CLASS E RUCTION SURVEY IZATION IZATION DED POLYSTYRENE FILL, (EPS-22) DED POLYSTYRENE FILL, (EPS-22) DED POLYSTYRENE FILL, (EPS-39) VIOUS GEOMEMBRANE VIOUS GEOMEMBRANE CETION FEQUINE FOR VIED AND SHEET 3.	TON         301           L.S.         1           L.S.         1           C.N.         382           C.Y.         841           C.Y.         841           S.Y.         841           S.Y.         841           S.Y.         841           S.Y.         841           S.Y.         841           N.LUE         841           S.Y.         841           S.Y.         841           KMENT (590 CY) AND THE RCB		WITH LEED AASHTO SECTION 5, FC 24, WITH LEED AASHTO SECTION 5, FC 24, WITH LEED AASHTO SECTION 5, FC 24, WITH LEED AASHTO SECTION 5, FC 24, WITH LEED AASHTO SECTION 5, WITH SECTION 5, WITH LEED AASHTO SECTION 5, WITH LEED AASHTO SECTION 5, WITH SECTI	and the second s
25 25 25	RUCTION SURVEY 22110N 22110N DED POLYSTYRENE FILL, (EPS-22) DED POLYSTYRENE FILL, (EPS-22) DED POLYSTYRENE FILL, (EPS-23) MATE REFERENCE INFORMATION MATE REFERENCE REFERENCE INFORMATION MATE	L-S.     1       L-S.     1       C.Y.     382       C.Y.     841       S.Y.     841       S.Y.     841   SY. NB SLAB AREA = 210 SY. INCLUDES SETTING OF DOWEL INCLUDES SETTING OF DOWEL INCLUDES SETTING OF DOWEL		WITH LRED AASHTO SECTION 5, FC = 4	4.0 KSI.
25	(2XTION DED POLYSTYRENE FILL, (EPS-22) DED POLYSTYRENE FILL, (EPS-22) DED POLYSTYRENE FILL, (EPS-39) VIOUS GEOMEMBRANE MATE REFERENCE INFORMATION MATE REPRESENT A FOR EXTENTS.	L:S.     1       L:S.     382       C:Y.     382       C:Y.     841       S:Y.     841       Includes setting of powel.       Includes setting of powel.       Includes setting of cyland the rcb		DE INFORCING ST	
25	DED POLYSTYREME FILL, KEPS-22) DED POLYSTYREME FILL, KEPS-239 MATE REFERENCE INFORMATION MATE REFERENCE INFORMATION COATED REINFORMATION TO PORTIONS OF THE EXISTING RUB, NOTED AND SHOWN ON SHEET 3. PORTIONS OF THE EXISTING RCB AS NOTED AND SHOWN ON SHEET 3. INTO EXISTING CONCRETE. ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAN ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAN ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAN ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAN ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAN CONCRETE A FOR EXTENTS.	C:Y.         382           C:Y.         841           S:Y.         841           S:Y.         841           SY. NB SLAB AFEA = 210 SY.           INCLUDES SETTING OF DOWEL           INCLUDES SETTING OF DOWEL           KMENT (590 CY) AND THE RCB		BEINEODCING ST	
5	VIOUS GEOMEMBRANE MATE REFERENCE INFOMATION AUTE REFERENCE INFOMATION AUTOR OF LOAD DISTRIBUTON SLAB. SOUTHBOUND SLAB AFEA = 21: VECTON OF LOAD DISTRIBUTON SLAB. SOUTHBOUND SLAB AFEA = 21: PORTIONS OF THE EXISTING REB AS NOTED AND SHOWN ON SHEET 3. INTO EXISTING CONCRETE. ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ECTION REQUERED. SEE SHEET 4 FOR EXTENTS.	S.Y. B41 SY. NB SLAB AFEA = 210 SY. INCLUDES SETTING OF DOWEL KMENT (590 CY) AND THE RCB		BEINEODCING ST	
	MATE REFERENCE INFORMATION WATE REFERENCE INFORMATION UNCTION OF LOAD DISTRIBUTION SLAB. SOUTHBOUND SLAB AFEA = 219 UNCTION OF CALTED REINFORCING STEEL, INCIDENTAL TO THIS ITEM. PORTIONS OF THE RENFORCING STEEL, INCIDENTAL TO THIS ITEM. PORTIONS OF THE RENFORCETE. NITO EXISTING CONCRETE. ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ECTION REQURED. SEE SHEET 4 FOR EXTENTS. SEE SHEET 4 FOR EXTENTS.	SY. NB SLAB AREA = 210 SY. INCLUDES SETTING OF DOWEL KWENT (590 CY) AND THE RCB		BEINEODCING ST	
	MATE REFERENCE INFORMATION SUCTION OF LOLD DISTRUCION STAB. SOUTHBOUND SLAB AFEA = 219 SUCTION OF LEAND DISTRUCION STEEL, INCIDENTAL TO THIS ITEM. PORTONS OF THE EXISTING REB AS NOTED AND SHOWN ON SHEET 3. INTO EXISTING CONCRETE. INTO EXISTING CO	SY. NB SLAB AREA = 210 SY. INCLUDES SETTING OF DOWEL KMENT (590 CY) AND THE RCB		BEINEODCING ST	
	SUCTION OF LOAD DISTRIBUTION SLABL, SOUTHBOUND SLAB AFEA = 210 COYY COATED REINFORCING STEEL, INCIDENTAL TO THIS ITEM. PORTONS OF THE EXISTING RCB AS NOTED AND SHOWN ON SHEET 3. INTO EXISTING CONCRETE. ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAR ECTION REQURIED. . SEE SHEET 4 FOR EXTENTS. . SEE SHEET 4 FOR EXTENTS.	SY. NB SLAB AREA = 210 SY. INCLUDES SETTING OF DOWEL KWENT (590 CY) AND THE RCB		BEINEODCING ST	
	PORTIONS OF THE EXISTING RCB AS NOTED AND SHOWN ON SHEET 3. INTO EXISTING CONCRETE. ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBA ECTION REQURED. . SEE SHEET 4 FOR EXTENTS. . SEE SHEET 4 FOR EXTENTS.	INCLUDES SETTING OF DOWEL KMENT (590 CY) AND THE RCB		BEINEODCING ST	
	ATION FOR THE EXPANDED POLYSTYRENE FILL IN THE EXISTING EMBAN ECTION REQURIED. : SEE SHEET 4 FOR EXTENTS. VINCIONE FOR ADMITIONAL FOS INFORMATION.	KMENT (590 CY) AND THE RCB		DELNEODOLNO ST	
	ECTION REQURIED. . SEE SHEET 4 FOR EXTENTS. VVICIONSE FOR ADDITIONAL FOS INFORMATION.			BEINEODOING ST	
	. SEE SHEET 4 FOR EXTENTS. VVISIONS ENR ADDITIONALI EPS INFORMATION.			DEINEORCING ST	
7 FSTIMATED I & TON/CY S	VULLOWER FOR ADDITIONAL FPS INFORMATION.		$\geq$	DEINEODUING ST	
_	V DIVING FAIR MARKED AND A PARTY AND A PAR		IDCATION	REINFURCING SI	EEL
	REFER TO SPECIAL PROVISIONS FOR ADDITIONAL CENTREMERANE INFORMATION			QUANTITY	TOTAL
			38'-O BARREL EXTENSION 24'-O BARREL EXTENSION 24'-O BARREL FND SECTION	6 AT 20,816 1 AT 13,147	124,896 13,147
			BELL JOINT	5 AT 1748	8740
REINFORCING 2	FIELD CUT WALL REINFORCING 2" CLEAR OF RCP		15" RCP OPENING (6p1 BARS) 22" ECP OPENING (602 BARS)	1 AT 29	29
<i>x</i>			NOT OF ENTING VOPA		2
	EACH FACE OF WALL.			TOTAL (LB)	154,982
	REINFURCING BAR BAR LOCATION	SAK     LISI     -     KCP     PENEIKATION       N                 SHAPE     NO.     LENGTH     WEIGHT	CONCRETE	E PLACEMENT QUANTITI	TITIES
	6p1 IS" RCP OPENING	8 2'-5 29	LOCATION	FOOTING	SLAB TOTAL
	6p2 36" RCP OPENING	8 4'-2 50	ALLS 0	AT 45.2   AT	1 AT 2.6
		TOTAL (LBS.) 79	38'-0 BARREL EXTENSION 24'-0 BARREL END SECTION	6 AI (3.8 6 AT 42.2 I AT 46.6 I AT 26.7	6 AI 66.3 1093.8 I AT 41.9 115.2
			BELL JOINT	5 AT 5.5 5 AT 2.8	5 AT 4.6 64.5
	BEN.	IT BAR DETAILS			
	*	*	* INCLUDES PARAPET AND TOP	(CY) 562.1 310.8 DP OF WINGWALL.	465.3 1338.2
RCP PENETRATION DETAIL	ŝ.		DESIGN HISTORY	DESIG	o° SKEW
TYPICAL WALL REINFORCING NOT SHOWN)			AT THIS SITE DES. NO.   TYPE OF WORK	TWIN 12' X 10' I CONCRETE BOX CULV	10' REINFORCED CULVERT EXTENSION
		3-4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7757 RCB CULVERT CONSTRUCTION	QUANTITIE STA. 1221+80-10 100TH ST. DVER N WAI NUT	TIES AINIT CREFK AIGUST. 2015
	OPT NOTE: ALL DIMENSIONS ARE OUT TO	TO OUT. D = PIN DIAMETER.		OLK CO	WAY
DESIGN TEAM HR GREEN, INC.			POLK COUNTY PROJECT NUMBER IN-080-3(207)12815-7		SIE40 DESIGN NO. 1315

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