## Addendum

Iowa Department of Transportation Office of Contracts Date of Letting: April 21, 2015 Date of Addendum: April 10, 2015

<b>B.O.</b>	Proposal ID	Proposal Work Type	County	Project Number	Addendum
014	80-C080-064	PILING REPAIR	RINGGOLD	ER-C080(64)58-80	21APR014.A01

Make the following change to the PLAN:

SHEET 2 OF 7:

Replace Sheet 2 of 7 with the attached Sheet 2 of 7.

SHEET 3 OF 7:

Replace Sheet 3 of 7 with the attached Sheet 3 of 7.

SHEET 5 OF 7:

Replace Sheet 5 of 7 with the attached Sheet 5 of 7.

## SHEET 6 OF 7:

Replace Sheet 6 of 7 with the attached Sheet 6 of 7.

TOTAL ESTIMATED QUANTITIES:	EMERGENCY	REPAIR	4	SEE SITUATION PLAN FOR LIMITS SELECTIVE CLEARING WILL BE REQUIRED ON THIS PROJECT ALL DESIRABLE TREES OUTSIDE THE CONSTRUCTION AREA WILL BE SAVED TREES AND SHRUSS WITHIN THE CONSTRUCTION LIMITS THAT DO NOT HINDER CONSTRUCTION SHALL BE SAVED UNLESS DIRECTED BY THE
REF. CODE NO.	ITEM	UNIT	TOTAL	ENGINEER TO BE FEMOVED. ULT DOWN ALL TEES INCLUDED IN CLEARING AND GRUBBING AFTER SEPTEMBER 30 AND BEFORE APRIL 1. THESE TREES MAY BE INHABITED BY STATE AND FEDERAL LISTED THEATENEDENDANGERED BAT SPECIES. REMOVING A TREE BETWEEN APRIL 1. AND SEPTEMBER 30
2101-0850001		ACRE	0.23	BEING USED BY ALISTED BAT CONSTITUTES A "TAKING" OF A PROTECTED SPECIES, WHICH IS PUNSHABLE BY LAW. DISPOSE OF ALIVATION MATERIAL GENERATED AS DESULT OF TRADING OF DISPOSE OF ALIVATION TO THE LOWA DEPARTMENT.
2 2104-2713020 EXCAVATION, CLASS 13, CHANNEL 3 2402-0425031 GRANULAR BACKFILL		CY TON	80 120	USPOSE OF AL WOOD MALEMAL GENERALE AS A RESULT OF CLEMMING ANONG MODEMA ACCORDING TO THE DVIN DETAILINET OF AGRICULTURE AND LAND STEWARDSHIPS EMERALD ASH BORER (EAB) QUARANTINE ORDER. FOR MORE INFORMATION REFER TO
2402-0425040		c,	575.0	http://www.jowatreepesis.com/eap.regulations.htm
		сY	90 2	INCLUDES COST OF ALL EQUIPMENT, MATERIAL AND LABOR NECESSARY TO EXCAVATE THE CHANNEL AND PLACE ON SOUTH BANK TO TI
		<i>LS</i>	-	LIMITS SHOWN ON THE STUDATION PLAN, SHEEF 4, DEPROXIMATELY 80 C.Y. OF SUITABLE CLASS 13 CHANNEL MATERIAL SHALL BE USED TO SHAPE THE CHANNEL BANK AS SHOWN BY THE LIMITS ON SHEET A
2408-7800000		8		
8 2501-57/5000 PILES, SIEEL SHEET a 2507-335005 ENCINEERING FARRIC		5 8	75 3.	SHALL MEET GRADATION REQUIREMENTS PER SECTION 4121 OF THE STANDARD SPECIFICATION.
2507-6799000		 57	1 3.4.	SEE DETAILS, SHEET 5 FOR LIMITS.
2507-6800021		TON	450 5.	INCLUDES COST TO PROVIDE EXCAVATION OF THE STREAMBED TO SHAPE AND INSTALL GRANULAR BACKFILL AND ENGINEERING FABRIC FOR
2507-6800061		ION		WEIR BLOCK PLACEMENT.
2526-8285000		<i>LS</i>	9	THE LUMP SUN BID ITEM. EXCAVATE AND DEWATER' SHALL INCLUDE ALL COSTS ASSOCIATED WITH THE EXCAVATION AND DEWATERING
15 2528-0445113 FLAGGERS		EACH	10	REQUIRED TO CONSTRUCT AND INSTALL THE SHEET PILE WEIR AND BRACING CONNECTIONS.
2533-4980005		57	1	ALL STRUCTURAL STEEL SHALL BE 4709 GRADE 36 OR ASTM 438, UNLESS OTHERWISE NOTED. INCLUDES COST OF ALL EQUIPMENT.
17 2599-9999005 3' X 3' X 3' CONCRETE WEIR BLOCKS	DCKS - RETRIEVE, SALVAGE AND RESET	EACH	4	MÄTERIAL AND LÄÄDEN RICESSERY TO FÄRICATE AND INSTALL HPIOX42 STEEL PILE WALERS, C' CHANNEL MOUNTING WALER, CONNECTIO PLATES ERMT PLATE CAPS AND CHANNEL BRACIMO
2599-9999005	DCKS - REMOVE, SALVAGE AND RESET	EACH	64	SEE SHEET 6 FOR CONNECTION DETAILS.
19 2601-2634100 MULCHING 20 2601-2636043 SEFDING AND FFRTUIZING (PUPAN)		ACRE	0.60	SHOP DRAWINGS SHOWING LAYOUT AND DETAILS SHALL BE SUBMITTED FOR APPROVAL.
2602-0000020		LF I	400 8.	SHEET PILE SHALL HAVE A MINIMUM THICKNESS OF 3/8" AND A MINIMUM SECTION MODULUS OF 2/2 CUBIC INCHES PER FOOT. SHEET PILE
	SILT FENCE FOR DITCH CHECK	LF	400	SHALL BE INSTALLD IN TREPORTION OF EXISTING UTILITIES BEFORE PLACING SHEET PILE. IF THE SHEETING MUST BE RELOCATED TI CONTRACTOR SHALL VERIEV LOCATION OF EXISTING UTILITIES BEFORE PLACING SHEET PILE. IF THE SHEETING MUST BE RELOCATED TI
2602-0000212		ĽF	200	CONTACTOR SHALL PROPOSE NEW LOCATION TO ENGINEER BEFORE PROCEEDING INSTALLATION
	URTAIN	Г.	200	INCLOBES ALLEQUIPMENT, MATERIAL AND LABOR NECESSARY TO EXCAVATE EXISTING UNDERLYING RUBBLE AND DEBRIS PRIOR TO SHE PILE INSTALLATION.
25 ZBUZ-UUUUJIZ PERIMETER ANU SLUPE SEUMENT U SE SENS_DATAATA MABILIZATIONS EPISION CONTRAL	CONTROL DEVICE, 12 IN. DIA.	-11	1	
2602-0010020	ON CONTROL	EACH	5	SEE WEIR DETAILS, SHEET 5. ENGINEERING FABRIC SHALL BE PLACED IN THE STREAMBED BENEATH THE PROPOSED WEIR BLOCKS.
			10.	INCLUDES COST OF ALL EQUIPMENT, MATERIAL AND LABOR NECESSARY TO SHAPE THE EXISTING BANKS WITHIN THE LIMITS SHOWN PRIOR TO PLACEMENT OF ALLASS ET REVET MENT, SEE DETAIL ON SHEET 7.
			ι.	REVETMENT SHALL BE PLACED BETWEEN SHEET PILING IN THE LIMITS SHOWN ON SITUATION PLAN, SHEET 4 AND WEIR DETAILS, SHEET 5. SEE "PROX PLACEMENT" NOTES, SHEET 3
			12	REVETMENT IS TO BE PLACED AT A THICKNESS OF 1-6°. SEE SITUATION PLAN, SHEET 4, FOR LIMITS.
THIS PROJECT IS COVER	SED BY IOWA DNR FLOODPLAIN		13.	THE CONTRACTOR IS RESPONSIBLE FOR CONDUCTING AN INDEPENDENT CHECK OF ALL CONSTRUCTION STAKES PLACED FOR THE PROJECT. THIS INDEPENDENT CHECK SHALL BE SUFFICIENT TO UNDERSTAND THE PLACEMENT AND INTERT OF THE STAKES.
CONSTRUCTION PERMIT NO. F	CONSTRUCTION PERMIT NO. FP 2015-91, DATED: 04-06-2015			SEE SHEET 7, FOR FIELD THES TO THE SITE SURVEY
		I	17.	INCLUDES COST TO SALVAGE DISPLACED BLOCKS WHICH ARE IN GOOD CONDITION FROM APPROXIMATELY 160' DOWNSTREAM AND PLACE TO RECONSTRUCT, WER AS SHOWN ON THE SITUATION PLAN. SHEET 4. INCLUDES COST OF RETRIEVING DISPLACED BLOCKS FROM DOWNSTREAM LOCATIONS. COUNTY WILL APPROVE SUITABILITY PRIOR TO RETRIEVAL. THE NUMBER OF APPROVED CONCRETE BLOCKS RETRIEVED AND PLACED IN THE WEIR STRUCTURE WILL BE PAID FOR AT THE CONTRACT PRICE PER UNIT.
			18.	INCLUDES COST TO REMOVE AND RESET TWO END ROWS OF WEIR BLOCKS OVER NEWLY COMPACTED GRANULAR BACKFILL. THE NUMBER OF BLOCKS REMOVED AND RESET IN THE WEIR STRUCTURE WILL BE PAID FOR AT THE CONTRACT PRICE PER UNIT.
			19-20.	THE CONTRACTOR IS TO SHAPE FERTILIZE. SEED AND MULCH ANY AREAS DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION. THIS SHALL BE INCLUDED IN THE PRICES BID FOR "SEEDING AND FERTILIZING (RURAL)" AND "MULCHING".
			21-22.	SEE TABULATIONS, SHEET 6.
			23-24	SEE TABULATON ON SHEET 7. THE METHOD OF MEASUREMENT AND BASIS PAYMENT SHALL BE PER DEVELOPMENTAL SPECIFICATION FLOATING SILT CURTAIN'.
			25-27.	AMA
				RINGGOLD COUNTY. IOWA
CALHOUN-BURNS & ASSOCIATES, INC. CONSULTING ENGINEERS	JOB NO. 2014201		Designed By : JPD Drawn By : Srs	

CONSTRUCTION: THE JOWA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, SERIES 2012, PLUS GENERAL SUPPLEMENTAL, SPECIFICATIONS, AND APPLICABLE SUPPLEMENTAL SPECIFICATIONS, AND DEVELOPMENTAL PRECIFICATIONS, AND SPECIAL PROVISIONS, SHALL APPLY TO THE CONSTRUCTION ON THIS PROJECT. ECONSTRUCTION ON THIS PROJECT. MEEDING: ALL WELDING SHALL BE IN ACCORDANCE WITH THE CURRENT ANSIANS STRUCTURAL WELDING SHALL BE IN ACCORDANCE WITH THE CURRENT ANSIANS SPECIFICATIONS AND IN ACCORDANCE WITH ARTICLE 240803, B, OF THE STANDARD SPECIFICATIONS.

# DESIGN STRESSES

DESIGN STREESES FOR THE FOLLOWING MATERIALS ARE IN ACCORDANCE WITH THE AASHTOL REP BRIDGE DESIGN RECIFICATIONS 6<sup>TH</sup> EDITION, SERIES 2012, EXCEPT AS NOTED IN THE CURRENT IONA, BRIDGE DESIGN MANUAL. STRUCTURAL STEEL IN ACCORDANCE WITH LIFD AASHTO SECTION 6. ASTM A709 GRADE 39 (AASHTO ADZTO GRADE 39) OR ASTM A38.

GENERAL NOTES THE CONTRACTOR SHALL RECONSTRUCT THE WEIR, INSTALL SHEET PILNG AND THE CONTRACTOR SHALL RECONSTRUCT THE WEIR, INSTALL SHEET PILNG AND BRADIA S SHOWN ON DETAIL SHEETS AND STILVATION PLAN. EXCESS MATTERIAL SHALL EDISPOSED OF AT A SITE PUNSIHEED TO INNUDUAL PROPERTIES DURING CONSTRUCTION THIS WORK SHALL BE MAINTAINED TO INNUDUAL PROPERTIES DURING CONSTRUCTION THE PRIME CONTRACTOR SHALL ERMPLOY CONTRACION. THE PRIME CONTRACTOR SHALL ERMPLOY CONTRACION THE PROLEC OF LAND ADJACENT TO USIFICIEN THE PROLECTION AND AND MATTERNACE OF EROSION CONTROL DURING AND AFTER CONSTRUCTION AND AND MATTERNACE OF EROSION CONTROL DURING CONSTRUCTION AND AND MATTERNACE OF EROSION CONTROL DURING CONFILLATION OF ALL DISTURBED FOR INSTALLATION OF ALL DISTURBED FOR INCLUDING EROSION CONTROL MASURES

DEPARTMENT OF IOWA PLANS ARE AVAILABLE FROM THE iowadot.gov TRANSPORTATION WEBSITE: http://www STANDARD ROAD

WER RECONSTRUCTION NOTES WEIR RECONSTRUCTION NOTES ORDER TO RE-ESTABLISH THE WEIR ELEVATIONS AND DIMENSIONS SHOWN ON THE PLANS. THE WEIR IS TO BE RECONSTRUCTED TO THE APPROXIMATE SECTIONS SHOWN.

SECTIONS SHOWN CURRENT AND FULL BEDUCTATION TO EXCIDENT INFORMATION TO EXCIDENT INFORMATION OF THE MATERIAL AND RUBBLE GENERATED DURING THIS PROJECT SHALL EDSPOSED FO OF THE HIGHWAY RIGHT:OF-WAY ON A WASTE AREA PROVIDED BY THE CONTRACTOR AND APPROVED BY THE GUNGRERE IN ACCORDANCE WITH CURRENT REGULIZIONS. THE CONTRACTOR AND APPROVED BY THE GUNGRERE IN ACCORDANCE WITH CURRENT WAS AND TO REFLE AN UNSIGHT.TY CONDITION WHEN VIEWED FROM DURING THE RALL AND RUBBLE IS TO BE INCLUDED IN THE BID THER CLEARING AND ASTENDATIONS. THE CONTRACTOR AND APPROVED BY THE GUNGRAP AN UNSIGHT.TY CONDITION WHEN VIEWED FROM DURING AN UNSIGHT.TY CONDITION AND ASTENDATIONS. THE CONTRACTOR AND APPROVED BY THE GUNGRAP AN UNSIGHT.TY CONDITION WHEN VIEWED FROM DURING AN UNSIGHT.TY CONDITION AND ASTENDATIONS THE CONTRACTOR AND APPROVED BY THE GUNGRAP AN UNSIGHT.TY CONDITION AND ASTENDATIONS THE CONTRACTOR AND APPROVED BY THE GUNGRAP AN UNSIGHT.TY CONDITION AND ASTENDATION ASTENDATION AND ASTENDATION ASTEND

## UTILITY NOTES

THE CONTRACTOR IS TO CONTACT ALL UTILITY COMPANIES WHO HAVE LINES. CONDUITS, OR OTHER FACILITIES WITHIN THE WORK AREA. BEFORE STARTING CONSTRUCTION.

CONTRACTOR IS TO VISIT THE SITE TC ENSURE THAT HE IS FAMILIAR WITH THE EXISTING SITE CONTRACTOR IS TO VISIT THE SITE TC ENSURE THAT HE IS FAMILIAR WITH THE EXISTING SITE CONDITIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK SHOULD ANY UNDERRENDIN DITLETIES BE FOUND. THEY SHALL BE PROTECTED IN PLACE AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE COSTRACTORS SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE COSTRACTORS SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE COSTRACTORS SHALL BE CONTRACTORS THAT AND ALL UNDERREND ON THE THE STATING CONTRACTORS THE STANDARD SPECIFICATION REGARDING UTILITY COORDINATION.

WASTE AND DISPOSAL NOTES IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATTERIAL (EXCAVATED MATERIAL) WHICH IS NOT DESIRVALE TO BE INCORPORATED INTO THE WORK INVOLVED ON THIS PROJECT. THESE AREAS SHALL NOT MAKCT WETLANDS OF THE US, NO PAYNENS AND AND DE ALLOWED FOR MATTERIAL HAULED TO THESE AREAS INCOM THE RIGHT-OF-MAY AND SHALL NOT OF THEST IS NO MATERIAL SHALL BE PLACED WITHIN THE RIGHT-OF-MAY AND SHALL NOT OFREATE AN UNSIGHTLY CONDITION WHEN VIEWED FROM PULC HOHMAYS, UNLESS SPECIFICALLY STATED IN THE PLACED WITHIN THE RIGHT-OF-MAY AND SHALL NOT OFREATE AN UNSIGHTLY CONDITION WHEN VIEWED FROM PULC HOHMAYS, UNLESS SPECIFICALLY STATED IN THE PLACED WITHIN

IN THE ADVITAGE TO CONDUCT CONSTRUCTION ACTIVITIES CONTRACTOR IS ENCOURAGED TO CONDUCT CONSTRUCTION ACTIVITIES SUBJACT CACCOMPACTOR IS ENCOURAGED TO CONDUCT CONSTRUCTION ACTIVITIES CULVERTS TO ACCOMPACTOR IS ENCOURAGED TO CONDUCT TO MARKING TO ACCOMPACT TO ACCOMPACT TO ACCOMPLETION OF ACCORDANCE WITH STRAUDAD ROAD PLAN ENWORT IF CONTRACTOR TATANDAD ROAD PLAN EW-401. THE COST OF INSTALLATION MARTENANCE AND FEMOVAL OF TEMPORARY CROSSINGS INCLUDING CULVERTS. SHALL CONTRENT FOR EDID FOR MOBILIZATION. IF COLODED IN THE PRICE DID FOR MOBILIZATION. INTERNACE AND FEMOVAL OF TEMPORARY CROSSINGS INCLUDING CULVERTS. SHALL E CONFRACT TO PREVENT OMARING MATERIALS DURING CONSTRUCTION INTERNACE AND FEMOVALOF TEMPORARY CROSSINGS INCLUDING CULVERTS. SHALL CONFRET TO FEMORATICATION. INTERNACE AND FEMOVALOF TEMPORARY CROSSINGS INCLUDING CULVERTS. SHALL CONFRET TO FREVENT ON DONNETING MATERIALS DURING CONSTRUCTION ON ALTERDOLES. STREAMS OR WEIT-NUSS ENCERT AS APPROVED HEREIN. INTERNACE AND FEMORATICATION. INTERNACE AND FEMOLICITICATION. INTERNACE AND FEMORATICATION. INTERNACE AND FEMORATICATION. INTERNACE AND FEMORATICATION. INTERNACE AND FEMOLIA TO THE ANY FERODUCTS. CHEMICALS, OR NATERDOLES. STREAMS OR WEIT-NUSS ENCERT AS APPROVED HEREIN. INTERNACE AND FEMOLIALS FROM ANTERRICE WATERAL INTO CORE STREAMS OR WEIT-NUSS ENCERT AS APPROVED HEREIN. INTERNACE AND FEMOLIA CONTINUES AND MATERIALS STREAMS OR NETANO. CONSTRUCTION EQUIPMENT, ACTIVITIES, AND MATERRAUES ANALL BE KEPT OUT OF THE STREAMS TO WEIT-NUSS FOR MATERIALS STRAUM STREAMS OR NETANO. TEMPORARY STREAM CROSSING NOTES THE CONTRACTOR IS ENCOUR

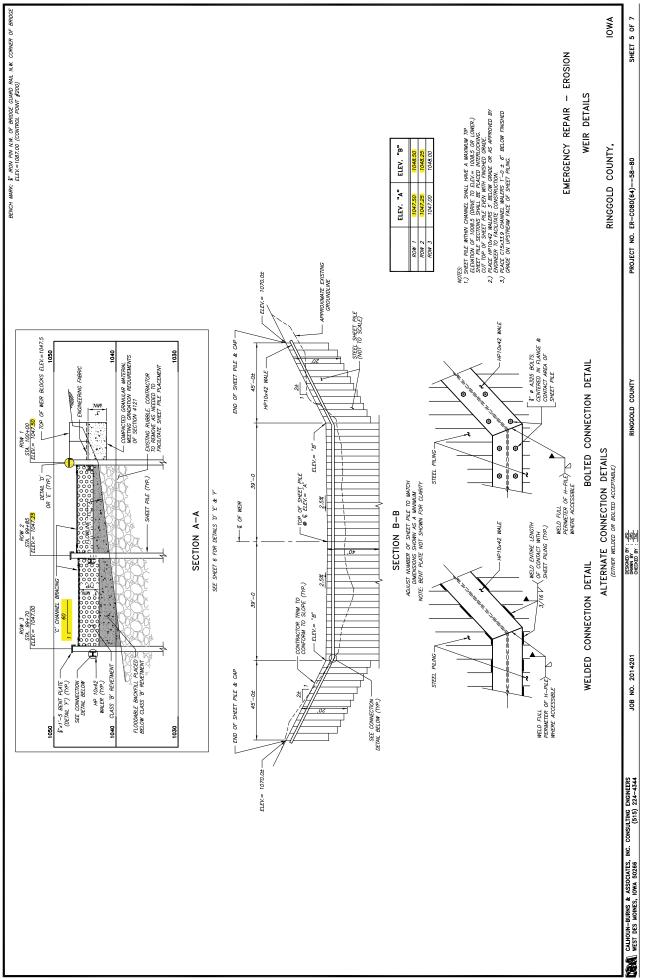
CONTRACTOR'S WORK AREA THE CONTRACTOR SWORK AND MATERIAL STOPAGE AREA SHALL BE DEFINED BY THE CONTRACTOR AND NOTED TO THE ENGINEER AND IS LIMITED TO THE RIGHT-OF-MAYLIMITS SHOWN ON SHEET 1. THE CONTRACTOR SHALL SHAPE. FERTILIZE THE CONTRACTOR'S WORK AREA IN ORDER TO RETURN IT TO ITS ORIGINAL CONDITION. PAYMENT FOR THIS WORK AREA IN ORDER TO RETURN IT TO ITS ORIGINAL CONDITION. PAYMENT FOR THIS WORK AREA IN ORDER TO RETURN IT TO ITS ORIGINAL CONDITION. ANALLE BUTALLING WORK AREA IN ORDER TO RETURN IT TO ITS ORIGINAL CONDITION. ANALLE BUTALLAND WORK AREA IN ORDER TO RETURN IT TO ITS ORIGINAL CONDITION. ANALLE BUTAL AND WILCHING'S BID TEMS. AREAS OUTSET FRE CONTRACTORS WORK AREA DAMAGED BY THE CONTRACTOR SHALL BE READILED TO THEIR ORIGINAL CONDITION. AS DETERMINED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE AUTHORIZED FOR THIS WORK.

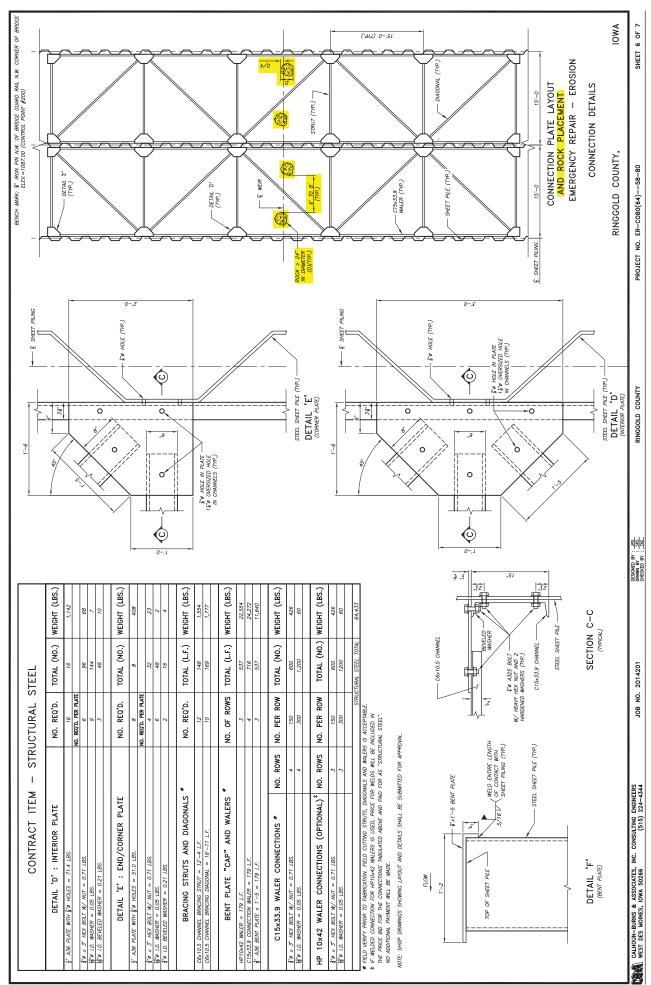
# ROCK PLACEMENT

WORK PROMISED SHALL SELECT FOUR (4) ROCKS WITH DIAMETER GREATER THAN 24 CONTRACTOR SHALL SELECT FOUR (4) ROCKS WITH DIAMETER GREATER THAN 24 NUCHES FROM CLASS B REVENTING THATE LAYOUT AND ROCK PLACEMENT DEFALO PLACEMENTA SE SHOWN IN CONNECTION PLATE LAYOUT AND ROCK PLACEMENT DEFALO SHEET 6. ROCKS SHAUN IN CONNECTION PLATE LAYOUT AND ROCK PLACEMENT DEFALO SHEET 6. ROCKS SHAUN IN CONNECTION PLATE LAYOUT AND ROCK PLACEMENT DEFALO SHEET CLARS SHOWN IN CONNECTION PLATE LAYOUT AND ROCK PLACEMENT DEFALO SHEET CLARS SHOWN IN CONNECTION PLATE LAYOUT SHE CHANNER IT PLACEMENT DEFALO SHEET CLARS SHOWN IN CONNECTION PLATE LAYOUT SHE CHANNER IT PLACEMENT DEFALO SHEET CLARS SHOWN IN CONNECTION PLATE LAYOUT SHE CHANNER IT PLACEMENT DEFALO SHEET CLARS SHOWN IN CONNECTION PLACE SHE THE CHANNER IT PLACEMENT SHOW SHOLL BE ROCLUDED IN THE PRICE BID FOR 'REVENTS' CLARS BAT WORK SHALL BE INCLUDED IN THE PRICE BID FOR 'REVENTS' CLASS B'

SHEET 3 OF 7	PR0JECT NO. ER-C080(64)58-80	RINGGOLD COUNTY	DESIGNED BY : JPD DRAWN BY : <u>SRS</u> CHECKED BY : TAC	JOB NO. 2014201	CALHOUN-BURNS & ASSOCIATES, INC. CONSULTING ENGINEERS WEST DES MOINES, IOMA 50266 (515) 224-4344
IOWA	RINGGOLD COUNTY,				

EMERGENCY REPAIR - EROSION GENERAL NOTES





Page 5 of 5