ADDENDUM #1

ISSUED JANUARY 25, 2019 FOR BIDDERS OF

BRIDGE REHABILITATION LOVELY BLUFF ROAD OVER CLINCH RIVER RGCA PROJECT NO. 18703 BID NO. 4925

The purpose of the subject Addendum No. 1 is to make changes in the Contract Documents.

CONTRACT DOCUMENTS

- 1. Change Item No. 502-06.01 to Item No. 604-10.32 on Sheet No. 2 Estimated Roadway Quantities with Special Note and to the Bid Schedule.
- 2. Changed Item No. 604-10.01 to Item No. 604-10.50 on Sheet No. 2 Estimated Roadway Quantities and to the Bid Schedule.
- 3. Added Item No. 604-10.63 on Sheet No. 2 Estimated Roadway Quantities with Special Note and to the Bid Schedule.

Attached with this Addendum is a pdf of the revised Bid Schedule, the revised Sheet 002 and a copy of the original bridge plans.



END OF ADDENDUM

Page 3

BID SCHEDULE PROPOSED BRIDGE REHABILITATION LOVELY BLUFF ROAD over CLINCH RIVER- BID NO. 4925 ESTIMATED ROADWAY QUANTITIES

REVISED 1-25-19

	ESTIMATED ROADWAY QUANTITIES										
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE						
604-10.32	EXPANSION JOINT REPAIR	L.F.	80								
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	S.Y.	4								
604-10.63	CONCRETE REPAIRS (CRACKS)	L.F.	25								
705-08.10	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-2	EACH	2								
712-01	TRAFFIC CONTROL	LS	1								
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	300								
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	20								
712-05.03	WARNING LIGHTS (TYPE C)	EACH	20								
712-04.50	BARRIER RAIL DELINEATORS	EA	10								
712-06	SIGNS (CONSTRUCTION)	S.F.	216								
712-09.01	REMOVABLE PAVEMENT MARKING LINE	LF	1000								
712-09.04	REMOVABLE STOP LINE	LF	40								
717-01	MOBILIZATION	LS	1								
730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	EACH	1								

TOTAL BID THIS PROJECT:		
		AND
(Dollars)		
	(\$)

LOVELY BLUFF ROAD OVER CLINCH RIVER IN ANDERSON COUNTY

		ESTIMATED ROADWAY QUANTITIES	3	
	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1	604-10.32	EXPANSION JOINT REPAIR	L.F.	80
2	604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	S.Y.	4
2	604-10.63	CONCRETE REPAIRS (CRACKS)	L.F.	25
	705-08.10	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-2	EACH	2
	712-01	TRAFFIC CONTROL	LS	1
3	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	300
<u>3</u>	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	20
3	712-05.03	WARNING LIGHTS (TYPE C)	EACH	20
3	712-04.50	BARRIER RAIL DELINEATORS	EA	10
3	712-06	SIGNS (CONSTRUCTION)	S.F.	216
3	712-09.01	REMOVABLE PAVEMENT MARKING LINE	LF	1000
3	712-09.04	REMOVABLE STOP LINE	LF	40
	717-01	MOBILIZATION	LS	1
	730-40	TEMPORARY TRAFFIC SIGNAL SYSTEM	EACH	1 1

1 BID PRICE INCLUDES THE REMOVAL AND REPLACMENT OF THE EXPANSION JOINT. A LEVELING DEVICE/SUPPORT IS TO BE ADDED ON TOP OF THE DIAPHRAGMS AT THE ABUTMENTS ALONG WITH THE TOP OF THE GIRDERS. SEE STANDARD DRAWING SBR-2-117.

- 2 ITEM SHALL BE BID AS A CONTINGENCY AND MAY BE UBCREASE OR DECREASED OR ELIMINATED AS DIRECTED BY THE ENGINEER.
- 3 ITEMS MAY BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER.

CONCRETE REPAIR NOTES FOR WALL CRACKS, PARARET CRACKS AND FLOOR BEAM SPALL

CONCRETE REMOVAL

- 1. UNSOUND CONCRETE SURFACE AREAS SHALL HAVE PERIMETER BOUNDARIES SAW CUT TO A MINIMUM DEPTH OF 1/2-INCH. SAWCUTS SHALL BE MADE PERPENDICULAR TO THE CONCRETE SURFACE AND ALL CONCRETE REMOVAL BOUNDARIES SHALL BE STRAIGHT AND ALIGNED PARALLEL TO OPPOSITE BOUNDARY EDGES RESULTING IN REPAIR AREAS THAT ARE RECTANGULAR IN SHAPE
- 2. ALL CONCRETE SHALL BE REMOVED FROM WITHIN REPAIR BOUNDARY TO MINIMUM DEPTH OF 1/2-INCH. PROVIDE A SURFACE WITH SUITABLE PROFILE FOR BOND. AS DEFINED INREPAIR MORTAR MANUFACTURER'S WRITTEN RECOMENDATIONS. IF DELAMNATIONS, CRACKING, OR UNSOUND MATERIALS EXIST BEYOND MINIMUM REMOVAL DEPTH, THEN REMOVAL SHALL CONTINUE UNTIL ALL UNSOUND, DELAMINATED OR CRACKED CONCRETE HAS BEEN REMOVED FROM CAMIY.

PREPARING REINFORCING STEEL

- 1. REMOVE EXISTING EXPOSED BOTTOM LAYER OF REINFORCING IN AREA OF DELAMINATION. THESE BARS ARE TOO DAMAGED TO BE RESTORED. ANY REINFORCING EXPOSED DURNG THE REMOVAL OF THE CONCRETE WHICH HAVE SUFFICENT SECTION REMAINING SHOULD BE CLEANED TO BRIGHT STEEL, PRIOR TO INSTALLATION OF THE REPAIR MORTAR.
- 2. WHERE 1/2 OR MORE OF THE DIAMETER OF REINFORCEMENT STEEL IS EXPOSED EITHER BY EXISTING CONDITIONS OR CONCRETE REMOVAL AND IS DEEMED SOUND ENOUGH TO REMAIN OR THE BOND BETWEEN THE CONCRETE AND REINFORCING STEEL IS BROKEN, THE CONCRETE SHALL BE REMOVED TO PROVIDE A MINIMUM 3/4-INCH CLEARANCE AROUND ENTIRE PERIMETER OF STEEL AND ALONG ENTIRE EXPOSED LENGTH
- 3. REPLACEMENT REINFORCEMENT SHALL BE EPOXY COATED # 4 BARS EPOXY GROUTED INTO SOUND CONCRETE AT THE EDGE OF THE REPAIR BOUNDARY.

CONCRETE PREPARATION AND CLEANING

1. AREAS TO RECEIVE CONRETE REPAIR SHALL BE STRUCTURALLY SOUND AND FREE FROM DETERIORATED CONCRETE, DUST, DIRT, DEBRIS, LOOSENED CONCRETE, PAINT, OIL. EFFLORESCENCE, LAITANCE, AND OTHER CONTAMINANTS, AND SHALL HAVE A MINIMUM CONCRETE SURFACE PROFILE (CSP) EQUAL TO THAT RECOMMENDED BY THE REPAIR MORTAR MANUFACTURER PERICRI GUIDELINE 3102.

REPAIR MORTAR TROWEL APPLIED

- 1. MIX AND APPLY REPAIR MORTAR PER MANUFACTURER'S RECOMMENDATIONS WITHIN THE OPEN TIME OF THE PRODUCT SCRUB COAT OR ANY BONDING AGENTS. FINISH TO LEVEL OF SURROUNDING CONCRETE SURFACE UTILIZING TECHNIQUES RECOMMENDED BY THE MANUFACTURER.
- 2. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PRIMING PRIOR TO APPLYING MORTAR.
- 3. PROPER CURING PROCEDURES ARE IMPORTANT TO ENSURE THE DURABILITY AND QUALITY OF THE REPAIR. FOLLOW CAREFULLY MANUFACTURER'S RECOMMENDATIONS ON CURING COMPOUNDS AND A M BIENT ENVRONMENTAL CONDITION LIMITS.

CONCRETE REPAIR MORTARS

- CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL THE CONCRETE REPAIR MORTAR THEY NTEND TO USE FOR THIS PROJECT. THE FOLLOWING PRODUCTS ARE PROVIDED AS POSSIBLE APPROVED REPAIR MORTARS BUT ARE NOT INTENDED TO BE EXCLUSIVE.
- 1. VERTICOAT THE EUCLID CHEMICAL COMPANY
- 2. EUCOPATCH THE EUCLID CHEMICAL COMPANY
- 3. SIKI REPAIR 223 SHA CORPORATION
- 4. SIKI REPAIR SHA-SKA CORPORATION
- 5. SIKI TOP 123 PLUS SHA CORPORATION

GENERAL NOTES - ROADWAY

CONSTRUCTION SPECIFICATIONS

STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2015 EDITION AND RELATED SPECIAL PROVISIONS.

EROSION CONROL

THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO CONTROL EROSION AND WATER POLLUTION THROUGH THE CONTRUCTION PERIOD. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE MOVING OPERATIONS BEGIN. CLEARING AND GRUBBING SHALL BE HELD TO THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE ROADWAY SLOPES. EMBANKEMENTS AND EXCAVATED AREAS WILL BE PROMPTLY STABILIZED TO MINIMIZE EROSION. SILT FENCES SHALL BE USED ALONG THE TOE OF THE FILL SLOPES AND RIP RAP CHECK DAMS IN DITCHES, OR ANY OTHER AREAS WHERE EROSION IS A PROBLEM AND SILT DUE TO RUN OFF MIGHT ENTER THE STREAM OR ADJACENT PROPERTY.

ANY STOCKPILED SOIL OR FILL MATERIAL WILL BE LOCATED AND TREATED IN A MANNER AS TO PREVENT SILT FROM ENTERING THE STREAM. NO EXCAVATED MATERIAL WILL BE DISCHARGED INTO THE STREAM. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF IN A LOCATION ABOVE THE NORMAL HIGH WATER ELEVATION.

SEEDING NEWLY GRADED EARTHEN AREAS ON THIS PROJECT THAT ARE NOT TO BE RIP-RAP OR STABILIZED SHALL BE SEEDED IN ACCORDANCE WITH SECTION 801, STANDARD SPECIFICATIONS. ALL EXISTING ROADS OR RAMPS WITHIN THE R.O.W. AND NOT IN THE GRADED AREA THAT ARE TO BE ABANDONED SHALL BE SCARIFIED, OBLITERATED, AND SEEDED.

MISCELLANEOUS

IT SHALL BE THE RESPONSIBILITY OF THE ENGINEER TO PROVIDE THE INITIAL FIELD LAYOUT (LINES AND GRADES). IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE THE NECESSARY ADDITIONAL FIELD LAYOUT (LINES AND GRADES) OF THE WORK BASED ON DATA SHOWN ON THE PLANS AND CONTROL POINTS ESTABLISHED BY THE ENGINEER. SUCH LAYOUT SHALL BE DONE IN A WORKMANLIKE MANNER AND COPIES OF THE FIELD NOTES FURNISHED TO THE ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN AND PRESERVE ALL STAKES AND OTHER MARKS ESTABLISHED BY THE ENGINEER UNTIL AUTHORIZED TO REMOVE THEM. IF SUCH MARKS ARE DESTROYED BY THE CONTRACTOR THROUGH HIS NEGLIGENCE PRIOR TO THEIR AUTHORIZED REMOVAL, THEY SHALL BE REPLACED BY THE ENGINER AT HIS DISCRETION. THE EXPENCE OF THE REPLACEMENT WILL BE DEDUCTED FROM ANY AMOUNTS DUE OR BECOME DUE THE CONTRACTOR. ALL CONSTRUCTION STAKES ESTABLISHED BY THE CONTRACTOR SHALL BE SUBJECT TO CHECK BY THE ENGINEER.

THE CONTRACTOR MUST FURNISH CERTIFICATION FOR ALL MATERIALS THAT THEY MEET THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS.

ANY UNUSABLE MATERIAL RESULTING FROM THE CONSTRUCTION WORK WILL BE REMOVED FROM THE SITE BY THE CONTRACTOR.

TRAFFIC CONTROL

THE EXISTING ROAD WILL REMAIN BE OPEN TO TRAFFIC WHILE USING THE EXISTING ROAD TO DETOUR THE TRAFFIC AROUND THE SITE UNTIL THE CONSTRUCTION OF THIS PROJECT IS COMPLETE.

THE CONTRACTOR SHALL PROVIDE ADEQUATE SIGNS AND/OR BARRICADES REQUIRED TO PROVIDE FOR THE SAFETY OF THE TRAVELING PUBLIC. TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)." FOR DETAILS SEE SHEET 4, TRAFFIC CONTROL PLAN.

UTILITIES

UNDERGROUND AND OVERHEAD UTILITIES WERE FOUND AT THE BRIDGE SITE. HOWEVER THE CONTRACTOR WILL BE REQUIRED TO VERIFY THIS FOR HIMSELF BY CONTACTING THE UTILITY OWNERS IN THE AREA.

SHOULD UTILITIES BE FOUND AT THE SITE, THE FOLLOWING WILL APPLY;

UTILITY OWNERS ARE TO RESET, RELAY, OR ADJUST POWER AND TELEPHONE LINES AND POLES, WATER LINES, GAS LINES AND ALL OTHER PUBLIC UTILITES CONFLICTING WITH THE PROPOSED IMPROVEMENTS. THE CONTRACTOR WILL BE REQUIRED TO COOPERATE WITH THE OWNERS OF LOCAL UTILITIES IN THE ADJUSTMENT OF THEIR FACILITIES WHICH INTERFERE WITH CONSTRUCTION.

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CONTACTING ALL RESPONSIBLE UTILITIES PRIOR TO SUBMITTING HIS BID, IN ORDER TO DETERMINE
THE EXTENT TO WHICH UTILITY RELOCATIONS AND OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THIS

PROJECT, IF ANY.

THE CONTRACTOR WILL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLANS OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITIES ON THE GROUND.

SOME UTILITIES CAN BE LOCATED BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC. AT 1-800-352-1111.





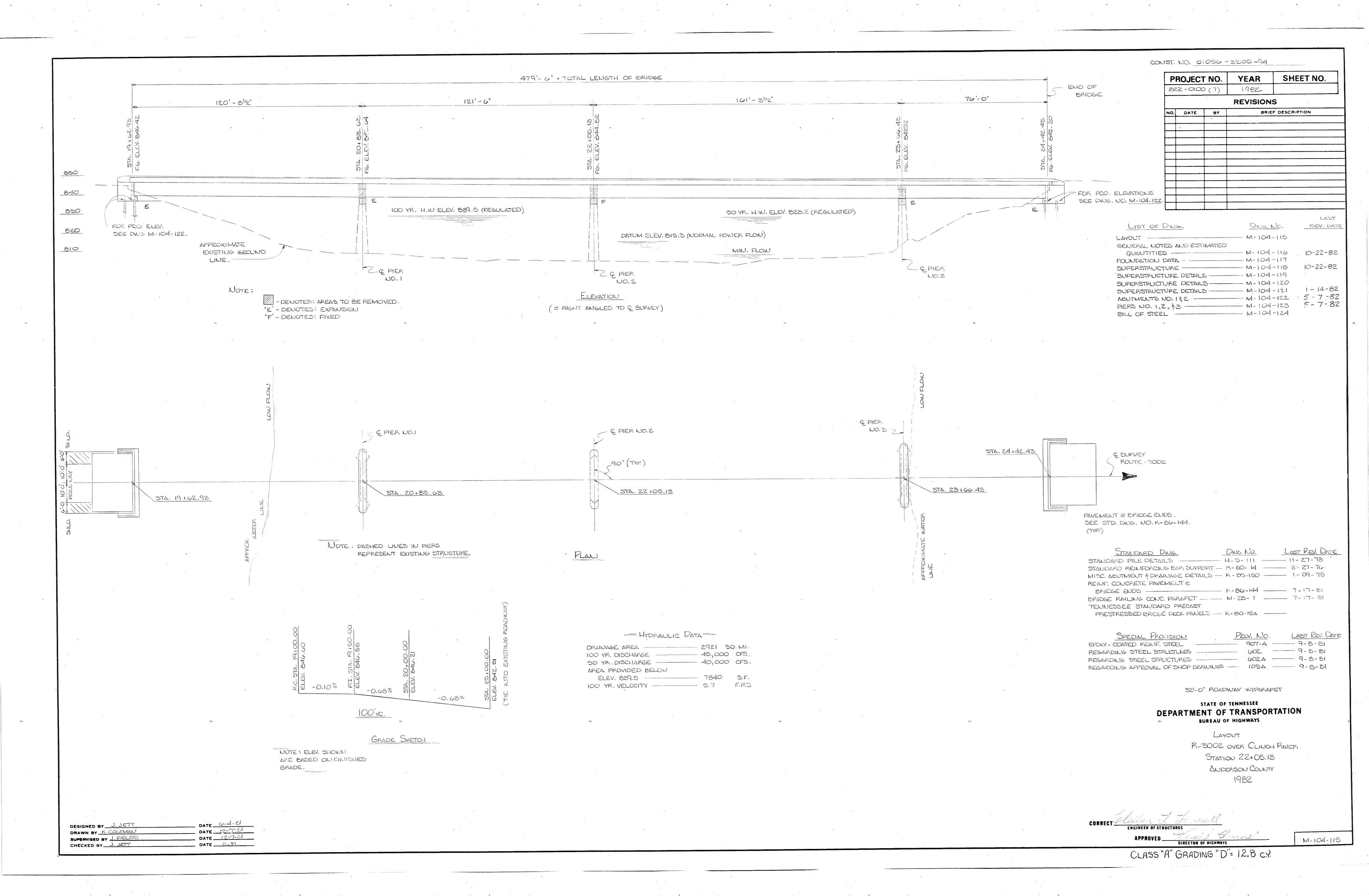


ROBERT G. CAMPBELL & ASSOC., L.P. CONSULTING ENGINEERS
KNOXVILLE. TENNESSEE

LOVELY BLUFF ROAD OVER CLINCH RIVER

ESTIMATED QUANTITIES
GENERAL NOTES

DESIGNED BY	CHECKED BY	SCALE	SHEET
GG	RGC	N.T.S.	
DRAWN BY	DATE	FILE NO.	
GG	JAN., 2019	13701	OF



Specifications: Standard road and Bridge specifications of the Tennessee Department of Transporation (March, 1981 Edition)

LOADING: HSZO - 44

DESIGN SPECIFICATIONS: AASHTO 1977 EDITION WITH ADDENDA.

CONCRETE: TO BE CLASS "A" F'C = 3,000 PSI.

BRIDGE DECK FORMS: BRIDGE DECK FORMS FOR CONCRETE DECKS SHALL BE CONSTRUCTED USING EITHER REMOVAL FORMS OR PERMANENT FORMS. PERMANENT FORMS MAY BE EITHER REMAIN - IN-PLACE STEEL OR PRECAST, PRESTRESSED CONCRETE PANELS. IN EITHER CASE, FORMS SHALL BE ATTACHED BY MEANS OTHER THAN WELDING TO SUPPORT MEMBERS, SEE STANDARD DWG, K-80-15A, THE COUTRACTOR SHALL TAKE STEPS TO ASSUPE THE STABILITY OF THE EXTERIOR GIRDER AGAINST TWISTING OR OVERTURNING DURNING SLAB POUPING OPERATIONS.

REINFORCING STEEL: TO BE ASTM AGIS GRADE GO, STANDARD CROI HOUR, DETAILS APPLY UNLESS OTHERWISE NOTED ON BILL OF STEEL. BENDING DIMENSIONS SHOWN ARE BASED ON GRADE GO. SPACING DIMENSIONS ARE CENTER TO CENTER UNLESS OTHERWISE NOTED ON DETAIL DRAWINGS. THE SUFFIX "E", FOR BARD SO MARKED, DENOTES EPOXY-COATED REINFORCEMENT SEE SPECIAL PROVISION 9074.

BRIDGE RAIL SYSTEM: BUILD PARAPETS ACCORDING TO STANDARD DWG. M-28-1.

LINSEED OIL PROTECTIVE TREATMENT: SURFACES RECEIVING TEXTUPED COATED FINISH SHALL NOT PECEIVE A LINSEED OIL TREATMENT. SEE TEXTURED COATING DETAIL, THIS SHEET.

STRUCTURAL STEEL: SEE NOTES ON DRAWING NO. M-104-118

WELDING: SEE SPECIAL PROVISION NO. 602 AND NOTES ON DRAWING NO. M-104-118

HIGH STRENGTH BOLTS: SEE AASHTO STANDARD SPECIFICATION FOR HIGHWAY BRIDGES 1977 EDITION WITH ADDENDA AND NOTES ON DRAWING NO. M-104-118 .

RADIOGRAPHIC, ULTRASONIC, AND MAGNETIC INSPECTION. SEE SPECIAL PROVISION NO. GOZ AND NOTES ON DWG. NO. M-104-118.

STEEL STRUCTURES: SEE TENNESSEE STANDARD SPECIFICATIONS SECTION GOZ AND NOTES ON DRAWING NO. M-104-118

PILES: TO BE HPIO X42 DRIVEN TO REFUSAL ON BOCK OR A MINIMUM BEARING OF 52 TONS FOR THE ABUTMENTS.

PAINT: THE NEW SUPERSTRUCTURE SHALL BE PAINTED WITH SYSTEM'B" INORGANIC ZINC-VINYL SYSTEM BROWN TOP COAT, SEE TENNESSEE STANDARD SPECIFICATIONS SECTION 603.05 (b) FOP, PREPARATION OF SURFACES.

THE PONY TRUSS SHALL BE PAINTED WITH A SYSTEM "A" SILICO CHROMATE BROWN TOP-COST. SEE TENNESSEE STANDARD SPECIFICATIONS SECTION 605.056 FOR PREPARATION OF SURFACES. GROUTED BARS IN DRILLED HOLES: HOLES FOR GROUTED BARS ARE TO BE DRILLED 1/2 INCH IN DIAMETER,

LARGER THAN THE BAR. AFTER CLEANING HOLE, PACK WITH GROUT AUD DRIVE BAR TO ITS SEAT. APPROVED GROUTS ARE: EPI TOP 100 (CELANESE COATING CO.); COLMA - DUR OPI SIKASTIX 370 (SIKA CHEMICAL CORP.); FX - 75 HYDRO - ESTER BOUDING AGENT (FOX INDUSTRIES) AND FEL-POXY 102 (FEL-PRO BUILDING PRODUCTS, INC.)

NOTE: AT THE CONTRACTORS OPTION, SUTERNATE BEARING PEVICES MAY BE SUBMITTED FOR APPROVAL TO THE ENGINEER OF STRUCTURES. THE BEARINGS SHALL BE CAPABLE OF PROVIDING THE FOLLOWING MINIMUM REQUIREMENTS UNDER SERVICE LOADS,

BEARING	TOTAL MOVEMENT	DEAD-LOAD REACTION .	LIVE-LOAD REACTION
ARUT. *1 62	24"	112.3	83.5
PIERS *1 样3	11/2"	339.7	155.7
PIER # 2	0	339.2	160.1

- ESTIMATED QUANTITIES =

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ITEM NO'S	204-02.01	602-13	10.50-500	604 - 02.03	604-03.01	404-03.02	604-03.03	604 - 04.01	604-04.02	60 - 030	710-10	710-11	606-22.03	605-32-03	606-42.03	602-17		402-45				
ITEMS	DRY EXCAVATION (BRIDGES) (CY)	STEEL	REPAINTING EXIST-	- EPOXY COATED REINFORCING	CLASS "A"		TREATMENT	1	6 COATED FINISHING	PARAPET	6" \$\phi\$ PERFORATED C.M. PIPE (18 GA.) W/POROUS BACKFILL (LF) 3		DE STEEL DILED (10 INCH) CORIVING (L.F.)	STEEL PILES (10")(FURNISH DOMESTIC) (LF.)	5TEEL PILES (10°)(FURNISH FOREIGN). (LF)	STEEL STRUCT- URES (FURNIS) DOMESTIC (LS)		URES (FURNISH	EXPANSION	NO.1EE)	(PIER	(PIER NO. 2)
SUPERSTRUCTURE				102, 748	514.0	91, <i>60</i> 5						and the same of th									A STATE OF THE STA	
ABUTMEUT NO. I	40				14.5	5.770					53	8	400	400	400				33			
PIER NO.1		and the second s			16.8	2,931														WATER TO THE TOTAL PROPERTY OF THE TOTAL PRO	3	
PIER, NO. Z					16.8	189,5										-	in i				**************************************	2
PIER UO.3					10.8	2,931	and a second sec							A CONTRACTOR OF THE PROPERTY O					week and the company of the company			
ABUTMENT NO.Z	40				14.5	5,770					53	8	400	400	400				33	3		
PVMT AT BRIDGE ENDS				4,003	63.8	12,274	## ## ## ## ## ## ## ## ## ## ## ## ##			ş			80	, 30	80			\$				
TOTALS	: 80	LUMP SUM	LUMP SUM	106811	657.2	124212	1870.9	889	270	989	106	10	880	880	580	LUMP SUM	WMP SUM	LUMPSUM	66	9		3

(FED. SPEC.

NOTES:

- (1) EXCAVATION BIASE ON EXISTING GROUND.
- 2 NOTE: COST OF RUBBER BONDING CEMENT AND ELASTOMERIC BEARING PADS TO BE INCLUDED IN UNIT PRICE BID FOR CLASS "" CONCRETE.
- 3 COST OF POLYETHYLENE SHEETING AND ALL MISCELLANEOUS ITEMS NECESSARY FOR INSTALLATION TO BE INCLUDED IN COST OF PERFORATED C.M. PIPE.
- 4) NOTE: THE COST OF (16) THINEADED STEEL " INSERTS AND (16) 7/8" \$ x 4" HEX HEAD " BOLTS, (ABO7), TO BE INCLUDED IN BRIDGE ITEMS BID ON.
- 6) ALL REINFORCING STEEL IN THE TRAFFIC FACE OF PARAPETS SHALL BE EPOXY COATED. COST TO BE INCLUDED IN THE PRICE BID FOR ITEMS 620-03,
- (6) LUMP SUM: TOTAL ESTIMATED WEIGHT OF 438, 760. LBS. OF STRUCTURAL STEEL INCLUDES BOLTS, SHEAR CONNECTORS & SOLE PLATES FOR BEARINGS. ALSO SEE TENLIESSEE STD. SPECIFICATIONS SECTION GOZ. 27 AND GOZ. 28 (359,897 LBS. OF (4572) STEEL; 78,863. LBS. (436) STEEL

(7) REMOVAL OF STRUCTURES, ITEM 202-04.01, INCLUDES:

TO THE DETAILS ON M-104-123.

- a COMPLETE REMOVAL AND DISPOSAL OFF SITE OF THREE HIGH STEEL TRUSS SPANS, 120.7 FT., 121.5 FT., AND 161.3 FT. AND ONE STEEL STRINGER SPAN 14.9 FT., ALL WITH TIMBER DECKING, MATERIALS TO BECOME THE PROPERTY OF THE CONTRACTOR!
- 6. COMPLETE REMOVAL AND DISPOSAL OFF SITE OF THE EXISTING ABUT-MENTS, INCLUDING CONFLICTING SUBFOOTINGS OF PILES.
- C. COMPLETE REMOVAL OF THE NORTHERN MOST PIER, TO ONE FOOT BELOW THE EXISTING GROUND. d. PARTIAL REMOVAL OF THE REMAING THREE PIEPS TO BE MODIFIED ACCORDING
- 1 e. REMOVAL AND TRANSPORT, IN TACT WITH TIMBER DECK REMOVED, OF THE EXISTING GIZ FT. PONY TRUSS SPAN, THE SPAN, LESS DECK IS TO BE DELIVERED AND OFF LOADED ONTO GRILLAGE OR OTHER, SUITABLE BLOCKING, TO THE ANDERSON COUNTY HIGHWAY DEPARTMENT, STATE ROUTE 61, CLINTON,
- TENNESSEE 37716, MR. CHARLES SHOOPMAN, TELEPHONE NO. 457 5400.
- @ REPAINTING EXISTING STEEL STRUCTURES (PONY TRUSS), ITEM 603-02.01: AFTER DELIVERY AND BLOCKING UP OF THE PONY TRUSS DESCRIBED IN NOTE 70; THE STRUCTURE SHALL BE BLAST CLEANED AND PAINTED. SEE PAINT NOTE ON THIS SHEET.
- AG ACCEPTABLE EXPANSION DEVISES ARE SIG 300 BY-WARD-MAURER, AS 300 BY ACME, OR (FED. SPEC. ON-FLEX #45 BY OLD NORTH MANUFACTURING COMPANY, ANTICIPATED MOVEMENT IS 214°, NO. 37778) FENDER PLATE TO BE INCLUDED IN ITEM NO. 920-01.11.

OFF - WHITE NO. 37778) BROWN (FED. SPEC. NO. 20140)

OFF- WHITE

FINISHING CONCRETE SURFACED: CONCRETE FINISHING SHALL BE IN ACCORDANCE WITH SECTION 604.22 OF THE TENNESSEE STANDAPAD SPECIFICATIONS.

A TEXTURED COATED FINISH SHALL BE USED IN LIEU OF A CLASS & FINISH. THE COLOP, OF THE FINISH SHALL BE SIMULAR TO OFF-WHITE FEDERAL SPECIFICATION. NO. 37778 , FEDERAL COLOR, STANDARD NO. 595 A AND A COLOP, SAMPLE SHALL BE SUBMITTED TO THE ENGINEER OF STRUCTURES FOR APPROVAL. IN ADDITION TO THE OTHER REQUIREMENTS ALL EXPOSED ABUTMENT AND , PIER SURFACES SHALL RECIEVE AN OFF - WHITE FINISH.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

CONST. NO. 01056-3305-94

YEAR

1982

3-16-82 AMS REVISED NOTE 70 3 10-22-82 RSH CLASS "A" CONC. QTY.

REVISIONS

SHEET NO.

BRIEF DESCRIPTION

PROJECT NO.

NO. DATE BY

BRZ-0100 (7)

BUREAU OF HIGHWAYS GENERAL NOTES AND ESTIMATED QUANTITIES R-3002 OVER CLINCH RIVER STATION 22+05.13 ANDERSON COUNTY 1982

M-104-114

DESIGNED BY J. JETT

(COST OF FENDER PLATE, INDERTS, AND 78" & BOUTS TO BE INCLUDED IN PRICE BID FOR ITEM

908-21.03,

